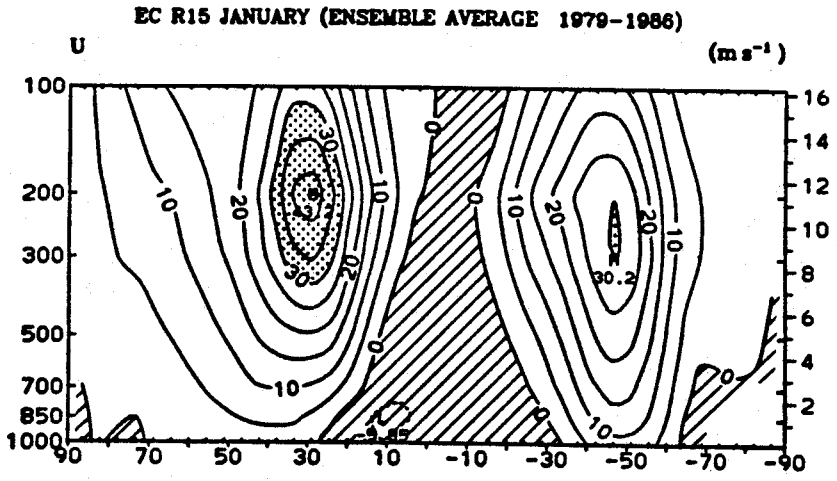
NCAR/TN-300+STR
NCAR TECHNICAL NOTE

February 1988

# ECMWF GLOBAL ANALYSES 1979–1986:

## Circulation Statistics and Data Evaluation

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# Table of Contents


Preface . . . . . v

Acknowledgments . . . . . vi

1. Introduction . . . . . 1

2. The ECMWF data set . . . . . 2

    2.1 FGGE data (December 1978–November 1979) . . . . . 3

    2.2 Analyses at ECMWF after 1980 . . . . . 4

    2.3 Changes in ECMWF procedures that impact moisture . . 6

3. Evaluation of the analyses . . . . . 7

    3.1 Daily sequences . . . . . 7

    3.2 15–day averages . . . . . 16

    3.3 Antarctic analyses . . . . . 28

4. The R15 Gaussian grid data set . . . . . 31

5. Mean general circulation statistics: 1979–1986 . . . . . 32

    5.1 January and July plots . . . . . 36

6. Discussion and conclusions . . . . . 63

References . . . . . 65

Appendix I Acronyms . . . . . 69

Appendix II Data set problems . . . . . 71

Appendix III Surface pressure computation . . . . . 73

Appendix IV Table of day number (for use in CCM processor) . . 75

Appendix V ECMWF analyses on the Mass Store . . . . . 81

Appendix VI ECMWF Mean statistics on the Mass Store . . . . 85

    Appendix VI.I Monthly mean statistics . . . . . 86

    Appendix VI.II Long-term mean statistics . . . . . 89

Appendix VII Input control parameters to the CCM processor . . 91

# Preface

This report is the second in a series of three as part of a project to comprehensively evaluate data sets of global analyses from the U.S. National Meteorological Center (NMC) and the European Centre for Medium Range Weather Forecasts (ECMWF). Our particular purpose is to establish the climate record from global analyses for use in compiling climatologies which may then be used to validate the Community Climate Model or as a base for examining anomalies such as occur in association with El Niño–Southern Oscillation events.

In order to make optimal use of these data sets, it is necessary to know of any problems that might exist and the effects of any changes in the operational system that produced the analyses. Accordingly, we have surveyed the literature and gathered information from many sources in order to summarize what is known about the data sets. We have further carried out a number of tests of the internal consistency of each data set.

The first Technical Note reported on the NMC data set of global analyses. This second report deals with the ECMWF analyses, and the third report describes results from a detailed comparison of the two data sets.

This Technical Note documents known problems with the ECMWF data set and changes in the operational analysis-forecast system including those which have resulted in major changes in analysis characteristics with time. It also describes a transformation of the data set into a form which makes it more readily available. Moreover, climatological average statistics have been computed and are similarly available, both on line at NCAR and, for the long term averages, in fiche at the back of this report.

- For the ECMWF data set very few analyses are missing.
- We have identified a few "bad" analyses. These are days where something clearly went wrong in the operational analysis/forecast cycle as revealed in the internal consistency checks. At ECMWF such problems occur much less than at NMC and are limited to earlier years. We recommend that such days should be omitted from all compilations of climatological statistics or in other uses of the data set such as

forecasting experiments.

- We have compiled a detailed chronology of the changes in the analysis/forecast system at ECMWF and we have identified the main impacts on the analyses. Discontinuities are found in certain characteristics of the analyses when major changes occur. These give rise to spurious trends in the data and can lead to false impressions as to what the real anomalies are. At ECMWF the main quantities so affected are the divergent wind component and associated vertical motion fields, and the moisture fields.

- The data set has been transformed into a "history tape" format on a rhomboidal wavenumber 15 (R15) truncation Gaussian grid for use on-line at NCAR with the Community Climate Model (CCM) processor.

- Monthly mean statistics of the atmospheric general circulation have been derived from the original 12-hourly data and are similarly archived. Long-term (eight year) averages for each month have also been computed and this report presents several of these results for January and July as maps and cross sections, and further includes a more comprehensive set of mean climatological statistics on fiche, one for each month, in the back of the report.

The ECMWF global analyses are a valuable resource and can be easily used with the information contained in this report.

## Acknowledgments

This research was partially supported by the Tropical Oceans Global Atmosphere (TOGA) Project Office under grant NA86AANRG0100. We wish to thank Michael Dias and Dennis Joseph for their assistance with the data set.

# 1. Introduction

The European Centre for Medium Range Weather Forecasts (ECMWF) global analyses constitute a data set that is very valuable for many purposes and it is already being widely used for studies ranging from forecast experiments and synoptic studies to those involving general circulation energetics.

For studies involving many analyses over an extended period, a major concern is the impact of operational changes in the analysis-forecast system employed at ECMWF to produce the analyses. Examination of the analyses reveals that changes in certain characteristics of the analyses accompany major changes in the system. ECMWF analyses are produced primarily for weather forecasting purposes for which the best possible analysis is desired. Consequently, improvements are made without much regard for the impact of the changes on the climate implied by the ensemble of analyses.

Therefore, in order to use the ECMWF analyses in climate studies it is necessary to know in detail the effects of any changes in the analysis system. It is essential that users of the products be fully aware of the changes that have occurred and what the impact of those changes has been. ECMWF has documented the impact of the major changes on aspects of the circulation in a number of internal technical reports and in published literature, and these will be drawn upon here.

In this report, we assess the internal consistency and accuracy of the ECMWF analyses, document all of the problems we are aware of, describe the analysis system changes and the impacts on the analyses, and determine the usefulness of the ECMWF analyses for climate studies. A parallel study has been carried out for the U.S. National Meteorological Center (NMC) global analyses (Trenberth and Olson, 1988a) and the evaluation of both data sets is facilitated by an intercomparison of them which is reported in a separate Technical Note (Trenberth and Olson, 1988b).

This report also documents the transformation of the ECMWF data set into a "history tape" format on a rhomboidal wavenumber 15 (R15) truncation Gaussian grid

for use with the Community Climate Model (CCM) processor. In addition, monthly mean statistics of the atmospheric general circulation have been derived from the original 12-hourly data and the archive is described. Eight-year monthly averages have also been computed and this report presents several of these results for January and July as figures and further includes a more comprehensive set of mean climatological statistics on fiche, one for each month, in the back of the report.

A list of acronyms used in this report is given in Appendix I.

## 2. The ECMWF data set

The data comprise global analyses from ECMWF from two sources. The first source is the First GARP Global Experiment (FGGE) IIIb analyses from ECMWF for December 1978–November 1979 (Bengtsson *et al.*, 1982). The data are available on a 1.875° latitude–longitude grid at many levels in the vertical and up to four times per day (for the special observing periods). Only a subset of the levels (as given below) and twice daily data have been used here in order to be compatible with subsequent data.

The second source is the WMO (World Meteorological Organization) Archive from ECMWF, from which data are available beginning January 1980 on a $2\frac{1}{2}°$ grid at seven pressure $p$ levels (1000, 850, 700, 500, 300, 200, and 100 mb), twice daily.

ECMWF analyses are believed to be the best operational global analyses available for general use. The FGGE data are in the public domain and there is no restriction on use. The WMO Archive, however, has been made available by ECMWF under certain conditions. In general, ECMWF requires:

1. The data will not be copied without authorization by ECMWF;
2. Articles, papers, and scientific literature of any kind based on ECMWF data will contain an acknowledgment concerning the supplied data.

At NCAR, the data are available but intended primarily for on-line use by NCAR scientists and members of the UCAR member universities (both U.S. and Canadian). **All users** *are*

*required to sign a statement agreeing to the above restrictions.* The data are not available for commercial uses or by private companies. An exception is when a private research company is assisting in data processing, but ECMWF must be informed in such cases. If you wish to use the data, please inform Jerry Olson ((303) 497 1315). In addition, it would be appreciated if acknowledgment is made of this note.

### 2.1. FGGE data (December 1978 - November 1979)

The analyses originating in FGGE, otherwise known as the Global Weather Experiment (GWE), have been widely used in many studies. The information that follows comes from a number of references, e.g. Hollingsworth *et al.* (1985), as given in the reference list. For more details see the GWE Newsletters (e.g. Bengtsson, 1983; Julian, 1983; Lambert, 1983; Uppala, 1986a). For FGGE, the wind $u, v$, and geopotential height $z$ fields are not initialized but the temperature $T$, specific humidity $q$ or relative humidity $RH$, and vertical $p$-velocity $\omega$ fields are. $T$ was determined hydrostatically in terrain-following $\sigma$ coordinates and interpolated/extrapolated to $p$ levels, perhaps giving unrealistic values below ground in mountain areas.

Initialization suppresses vertical motions and, especially in the tropics, the divergent wind component is suppressed. A separate set of $\omega$ values derived from the $u, v$ fields by Krishnamurti and Sheng (1984) is available, but has not been used here. A comparison showed them to be quite noisy and experience indicates that a lot of the divergence is spurious, as seen by the vertical integral, for instance. Krishnamurti and Sheng used an adjustment procedure to set the column integrated divergence to zero. Since corrections implied by this procedure are large, we believe that the initialized $\omega$ fields are to be preferred, in spite of their limitations.

During FGGE values of $q$ and $RH$ are not available above 300 mb and they have been set to zero in our archive. Moisture fields suffer from various problems as discussed in section 2.3. Other comments on moisture are made in conjunction with the reanalysis of FGGE data at ECMWF (Kållberg *et al.*, 1985; Uppala, 1986b; and Arpe, 1986). They also comment on biases introduced into wind analyses by use of satellite cloud wind vectors.

The reanalysis features stronger jet streams as a result of removing the bias. Later, we plan to make the reanalyzed data available in the same form as that given here.

### 2.2. Analyses at ECMWF after 1980

The WMO Archive from ECMWF contains data beginning January 1980 on a $2\frac{1}{2}^\circ$ grid at seven levels in the vertical, twice daily. It is important to note that all of these fields are initialized. Humidity analyses were carried out at and below 300 mb. Although values of $RH$ are available above 300 mb after FGGE no humidity analysis was performed and values were merely extrapolated towards a climatological value (Illari, 1987).

At time of writing, data are available through to the end of 1986. Most of the information for changes in the procedures used to produce the analyses comes from the "ECMWF Forecast Report" series of publications. These are documented in Table 1. The assimilation system itself is described by Hollingsworth *et al.* (1986).

The major changes in the list in terms of their impact on the initialized analyses appear to be those on 21 September 1982, when diabatic effects were introduced into the nonlinear normal mode initialization (NNMI); and 1 May 1985 when the resolution of the model was increased to T106 (Triangular wave 106) and there were a number of substantial changes to physical parameterizations which affected moisture related variables (clouds, convection, condensation criteria) in particular. Some of the changes appeared to have minimal effects on the analyses but several other changes in Table 1 also had significant impact on some aspect of the analyses, as documented later.

Documentation of the details of the changes in Table 1 and their impacts have been given in several places. For 1984–85 the changes and impacts are discussed by Branković (1986) and Shaw *et al.* (1987). Arpe *et al.* (1986) describe the impacts of changes from 1979 to 1985 on energetics.

The discussion of the actual impacts is reserved until the following section after we have presented certain statistics on the analyses and their changes in time.

**Table 1. Changes in analyses at ECMWF after 1980**

| | |
|---|---|
| 11 Nov 1980 : | Removal of error in treatment of virtual $T$. Prior to change, $T$ too high in troposphere tropics (Oriol, 1982). |
| 25 Nov 1980 : | Smoothing of analysis across "box" boundaries giving less noise. |
| 10 Dec 1980 : | Analysis of fields in $p$ but changes interpolated to $\sigma$ (rather than whole field). |
| 10 March 1981 : | Humidity analysis begun (previously this was a 6 hr forecast). |
| 31 March 1981 : | Use of Australian PAOBS introduced. |
| 1 April 1981 : | New orography, land–sea indicator and surface roughness. |
| 29 Sept 1981 : | Correction to diffusion scheme in model. |
| 10 Nov 1981 : | Change in interpolation procedures affecting humidity. |
| Jan 1982 : | Changes to avoid use of multiple (buoy/ship) reports led to improvements in SH. |
| 9 March 1982 : | NOAA–7 data introduced. |
| 13 April 1982 : | Analysis archival system resolution increased from T40 to T63. |
| 22 July 1982 : | SST climatology replaced by analyzed SST. |
| 21 Sept 1982 : | Diabatic nonlinear normal mode initialization introduced. |
| Jan–Mar 1983 : | Improved quality control of ship data. |
| 21 April 1983 : | T63 spectral model replaced grid point model and envelope orography introduced. |
| 30 Aug 1983 : | Horizontal diffusion in model modified. |
| 8 Nov 1983 : | Soil moisture and snow cover analysis begun. |
| 1 Feb 1984 : | Envelope orography with $2\frac{1}{2}$ subgrid variance added on to mean orography introduced. |
| 22 March 1984 : | Increased horizontal diffusion in model (reduced again on 1 May 1985). |
| 1 May 1984 : | Diurnal cycle of radiation implemented, stratospheric drag added. |
| 22 May 1984 : | Extensive changes to analysis system in the optimum interpolation procedures, error characteristics and resolution. |
| 24 July 1984 : | Correction to the moisture dependence of specific heat. |
| 13 Nov 1984 : | Modification to analysis increments interpolation. |
| 4 Dec 1984 : | Radiation substantially modified in model. |
| 19 Feb 1985 : | SATOB winds 20°N – 20°S over land included. |
| 26 Feb 1985 : | TOVS data included. |
| 1 May 1985 : | T106 spectral model introduced with substantial changes to physical parameterization (clouds, convection, condensation). |
| 18 July 1985 : | Minor modifications to evapotranspiration. |
| 4 March 1986 : | Initialization modified to preserve tidal waves. |
| 11 March 1986 : | Humidity analysis modified, includes use of precipitable water from satellite data. |
| 13 May 1986 : | 19–level replaced 16–level model. Three new levels in stratosphere. |
| 15 July 1986 : | Gravity wave drag introduced into model. |
| 9 Sep 1986 : | Revisions in use of observations, evaluation of increments, and data selection led to substantial improvements in analyses. |
| 7 April 1987 : | Revised surface and subsurface parameterization schemes, revised post processed surface parameters. |

### 2.3. Changes in ECMWF procedures that impact moisture

The following notes have been assembled from multiple sources that mainly include the "ECMWF Forecast Report" which is a regular publication from ECMWF, and "The Global Weather Experiment Newsletter."

1) During the GWE various problems have been reported with the humidity fields including excessively noisy fields Dec 78–Mar 1979; data were excluded Mar-May 1979; and low levels in the tropics were generally analyzed to be too dry in all months by 1–2 gm/kg.

2) From 10 Dec 1980–10 Mar 1981 only the model generated humidity was used; humidity began to be analyzed on 10 March 1981.

3) Up until 10 Nov 1981, interpolation procedures between model (sigma) and pressure levels produced too much moisture in the analyses.

4) In April 1983 a change was made from the grid point to spectral model with new envelope orography and some other changes, but from April 1983–April 1985 the model first guess and analyses were too moist (Arpe and Klinker, 1986).

5) Pasch and Illari (1985) note as of early 1985 that

   i) the analyzed humidity fields were largely unaltered from the first guess by the analysis/initialization procedure;

   ii) the initialized fields are generally too moist; and

   iii) the analyzed humidity does not always agree with radiosonde observations.

6) On 1 May 1985, changes were made in the physical parameterization scheme in the ECMWF model, including addition of shallow convection, modification of the Kuo convection scheme and large-scale condensation and a new representation of clouds.

7) The humidity analyses have been subsequently modified on 11 March 1986 to include precipitable water information from satellite measurements, and with further revisions on 9 September 1986.

As documented later (see Figs 7, 14 and 15), the changes in the prediction model on 1 May 1985 resulted in a drop in the analyzed relative humidity at 700 mbar of 22% averaged from 20°N to 20°S and smaller decreases of a few percent at higher latitudes. Since the data base was not changed, this change reveals the limited impact of real data on the humidity analyses at ECMWF up until about 1986.

## 3. Evaluation of the analyses

In order to properly use the global analyses in any studies, it is necessary to know in detail the effects of changes in the analysis system and biases that may exist. The analyses have primarily been produced for weather forecasting and little attention has been paid to the impact on the climate record implied by the analyses. Knowledge of the overall analysis characteristics is therefore needed.

In addition, occasionally an analysis features major problems for reasons that are not known. A list of such analyses was received from ECMWF. We have found several other problems, as documented below. A detailed listing of all problems is given in Appendix II. In using any of the analyses, it is desirable to omit those determined to be bad.

We have undertaken a comprehensive evaluation of the global analyses, not only from ECMWF but also NMC. The analyses are checked for internal consistency and temporal consistency through gross checks on broad measures of the analyses over the globe divided roughly into thirds, 90°S - 20°S, 20°S - 20°N, and 20°N - 90°N. These regions will be referred to as the SH, Tropics and NH, respectively. Examples will be shown of time series of means over these domains, spatial standard deviations and root mean square (RMS) differences between analyses that are 12 hours apart. All of these statistics are computed in an area weighted fashion and the details of the formulae used are given in Trenberth and Olson (1988a).

### 3.1 Daily sequences

Figure 1 shows the 12-hour RMS geopotential height differences at 200 mb from

January to March 1980. From about day 62–64 of 1980 major problems show up in the SH and Tropics. Figure 2 shows a sequence of four analyses beginning 1200 GMT on 2 March 1980 in which the heights greater than 1236 dam are stippled. Note on 3 March that heights over the eastern two-thirds of the Pacific Ocean have dropped substantially (no 1236 dam contour) and the pattern has become unrealistically cellular in the SH. This continues through to 0000 GMT 4 March but just twelve hours later the excessively cellular character of the SH has returned to a more normal state and the tropics have returned to their previous high values. Accordingly, the period from 1200 GMT 2 to 0000 GMT 4 March are regarded as bad analyses.

Figure 3a shows the RMS geopotential height differences at 1000 mb for January–March 1980 and reveals a different problem near day 76 of 1980 in the SH. This is highly suspicious and not present in the NMC data but we have only labelled 1200 GMT 15 March 1980 as 'bad'. On 22 March 1980, (or day 82 on Fig. 3a), there is another spike in the SH plot. Figure 3 shows the analyses for 1200 GMT 21 March and 0000 GMT 22 March which reveal that a spurious high over Antarctica 20–70°E was present on 0000 GMT 22 March.

Figure 4a shows the RMS height differences at 1000 mb for July–September 1980 and reveals a problem in the tropics near day 269 of 1980, which corresponds to a problem on 25 September 1980, as shown in Fig. 4c. A spurious high of 189 m appears at 0000 GMT 25 September on the equator in the central Pacific that is not present in the analysis on either side (cf. 1200 GMT 24 September shown in Fig. 4b).

Figure 5 shows examples of abrupt changes in the spatial standard deviation of the 700 mb relative humidity field in January 1981. Similar spikes are present in December 1980. Figure 6 shows the $RH$ analyses corresponding to the first spike at 1200 GMT 1 January and 0000 GMT 2 January 1981 with values greater than 75% stippled. The abrupt change in character of the field is obvious. In fact it is also reflected in the area means of $RH$ but not as prominently as in Fig. 5. Figure 7 shows the daily sequence of area-averaged 700 mb $RH$ from April–June 1985 and illustrates the abrupt change on 1 May in association with the model changes then, see Table 1.

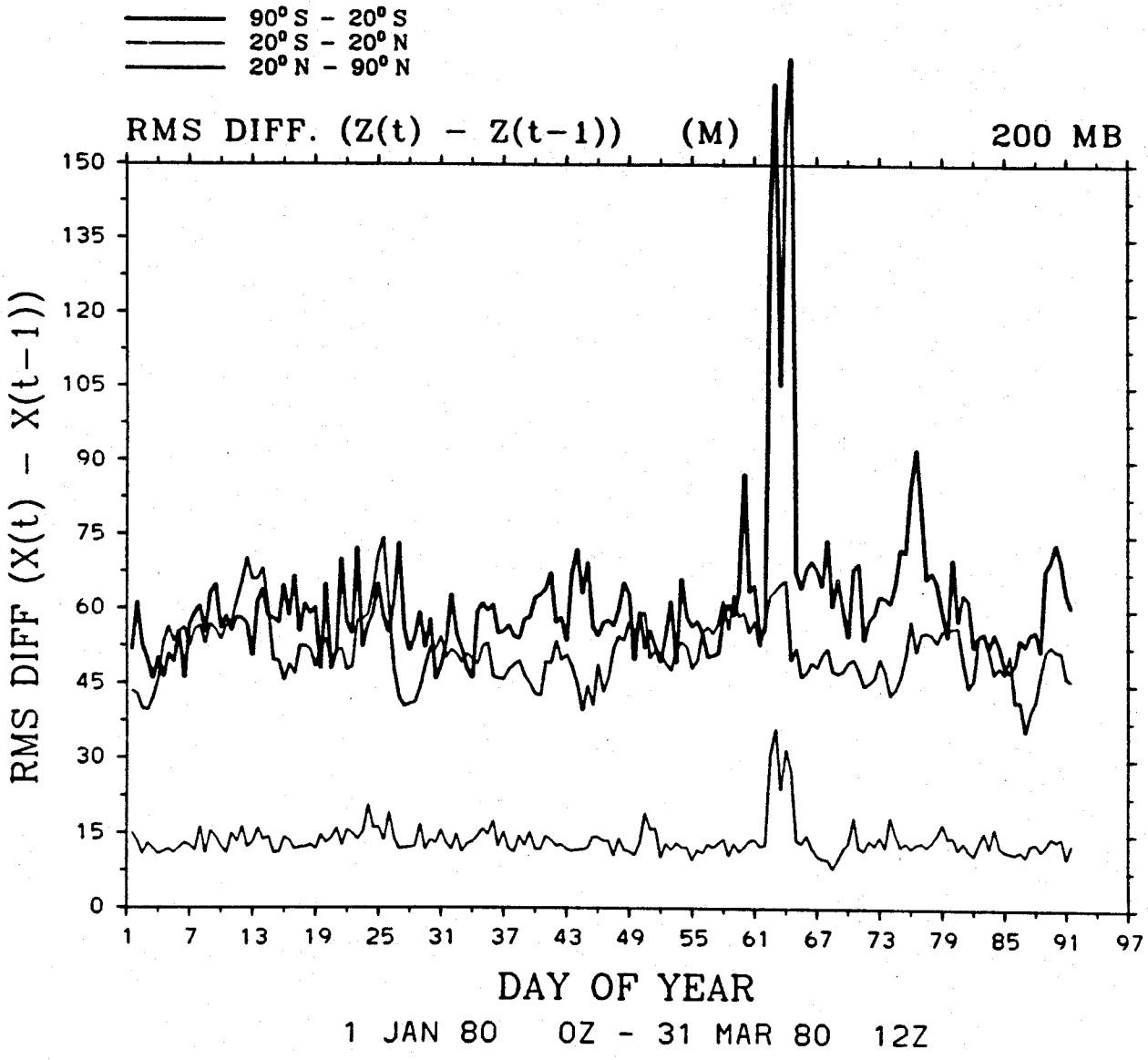



Fig. 1. RMS differences in geopotential height at 200 mb between analyses 12 hours apart over three areas of the earth; for January–March 1980.

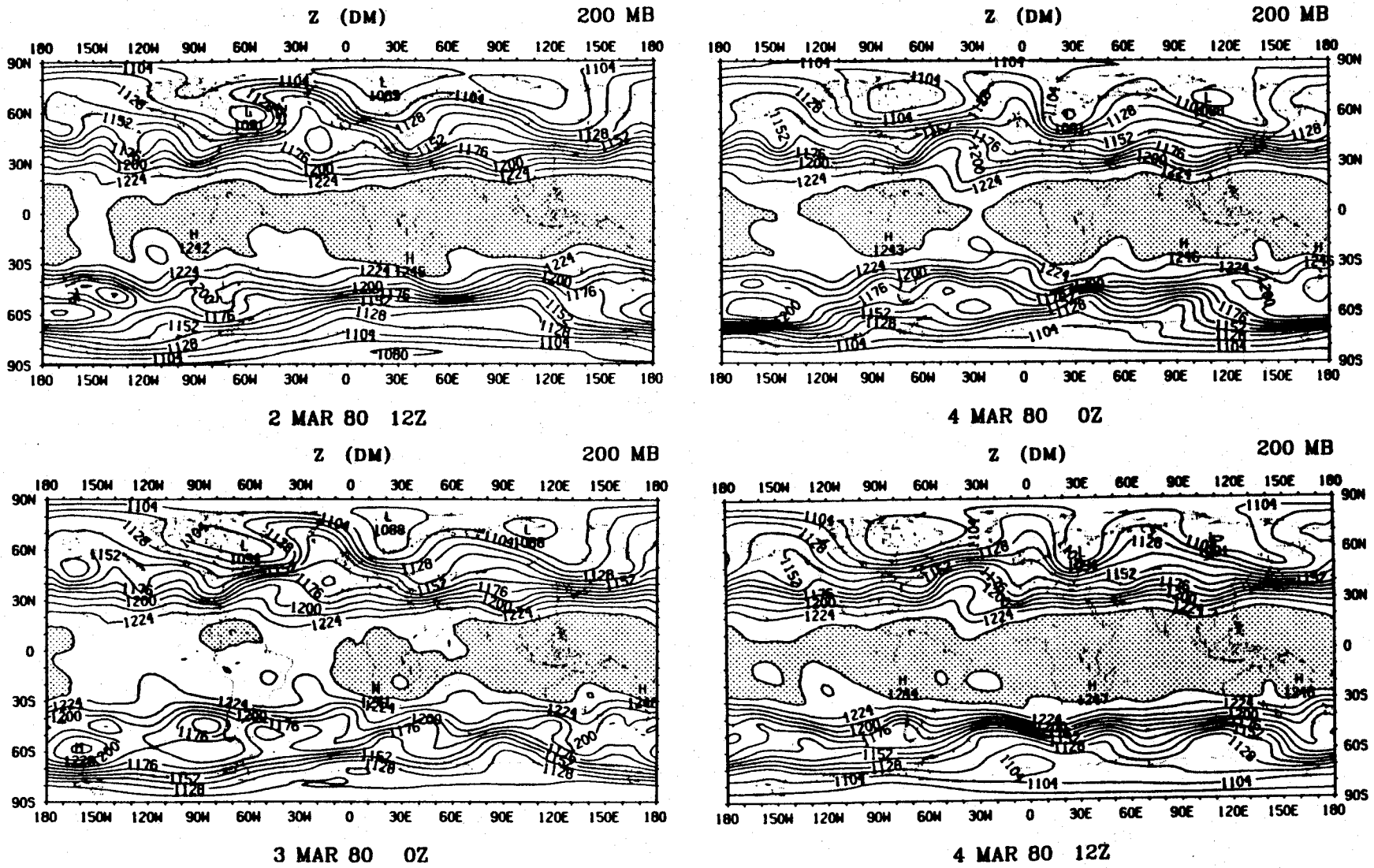



Fig. 2. Analyses of geopotential height at 200 mb on (a) 1200 GMT 2 March; (b) 0000 GMT 3 March; (c) 0000 GMT 4 March; and (d) 1200 GMT 4 March 1980. Values greater than 1236 dam are stippled and the contour interval is 12 dam.

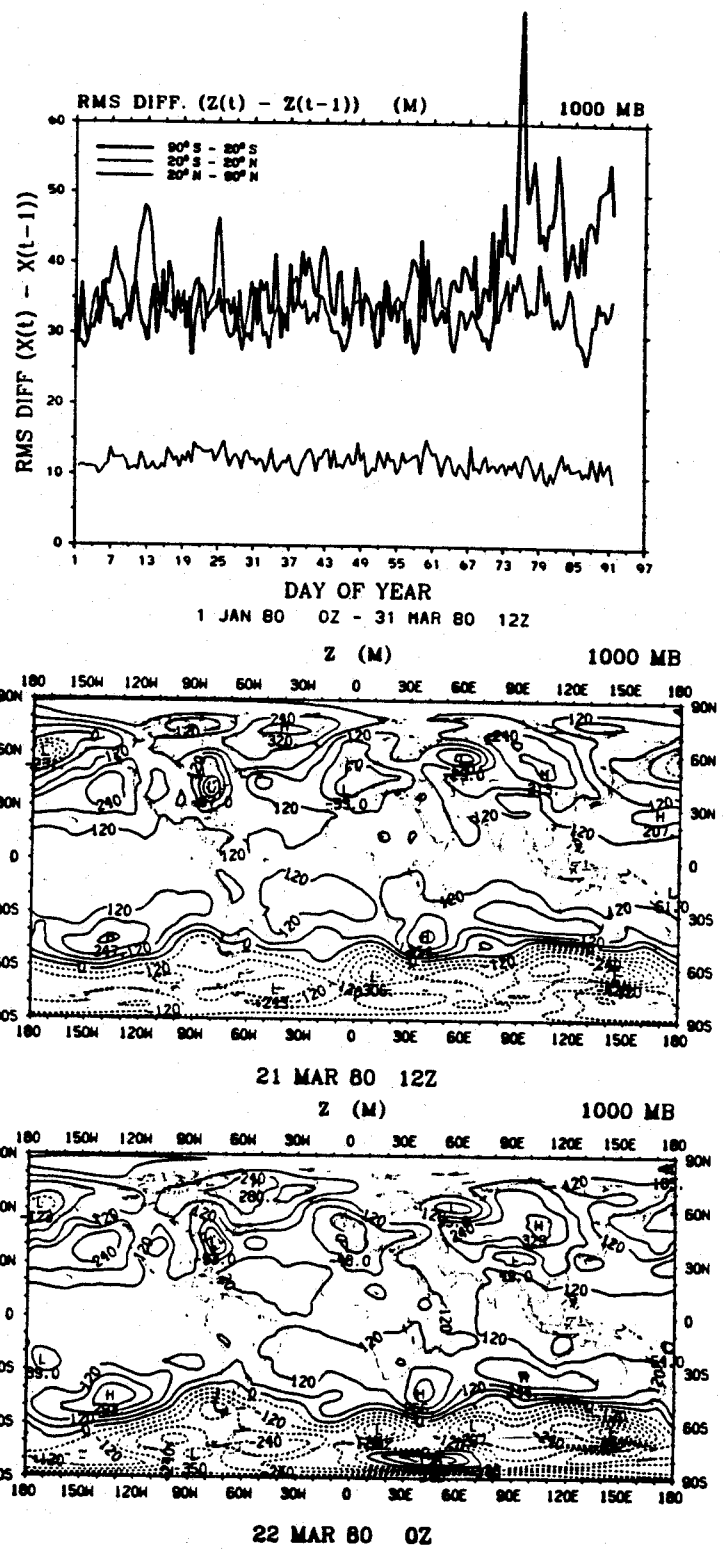



Fig. 3. (a) RMS differences in geopotential height at 1000 mb between analyses 12 hours apart over three areas of the earth; for January–March 1980. Analyses of 1000 mb geopotential height in meters, contour interval 60 m, for (b) 1200 GMT 21 March and (c) 0000 GMT 22 March 1980.

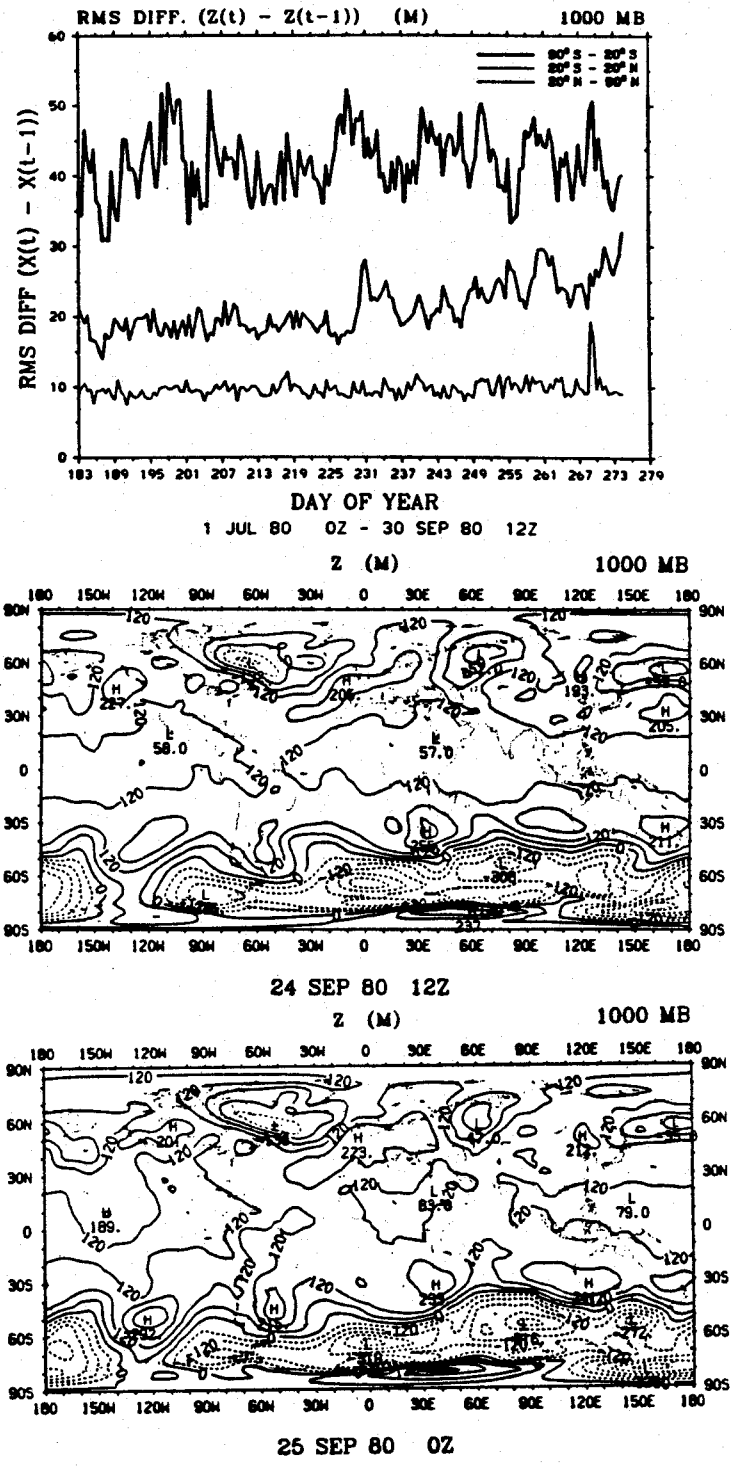



Fig. 4. (a) RMS differences in geopotential height at 1000 mb between analyses 12 hours apart for July–September 1980.
Analyses of 1000 mb height in meters, contour interval 60 m, for (b) 1200 GMT 24 September and (c) 0000 GMT 25 September 1980.

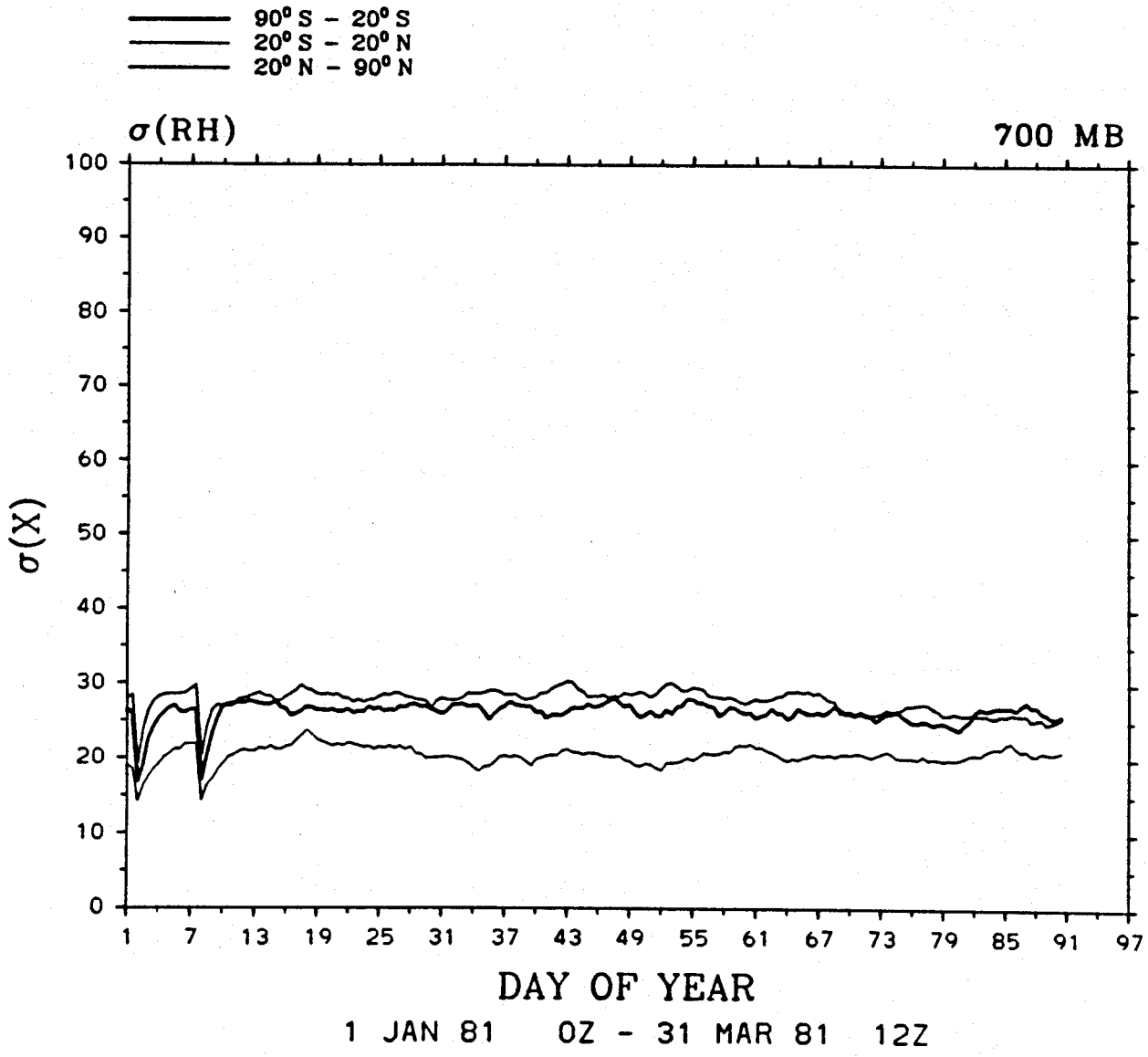
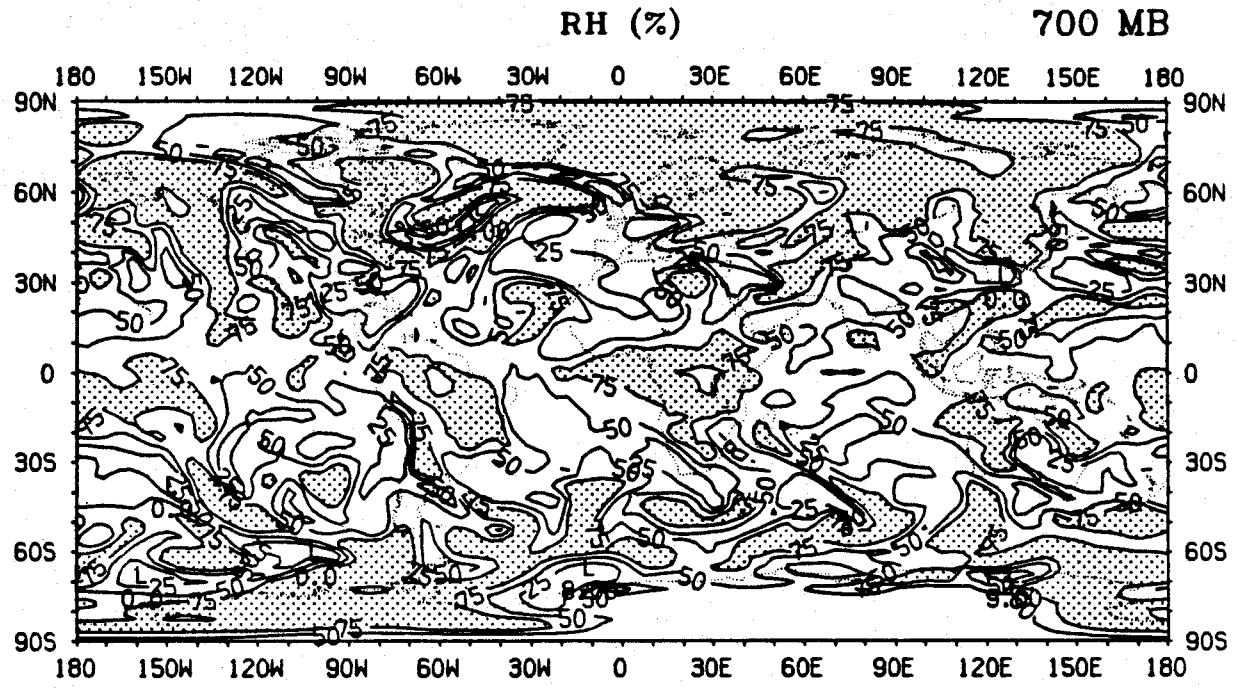



Fig. 5. Regional relative humidity spatial standard deviations for January–March 1981 at 700 mb.



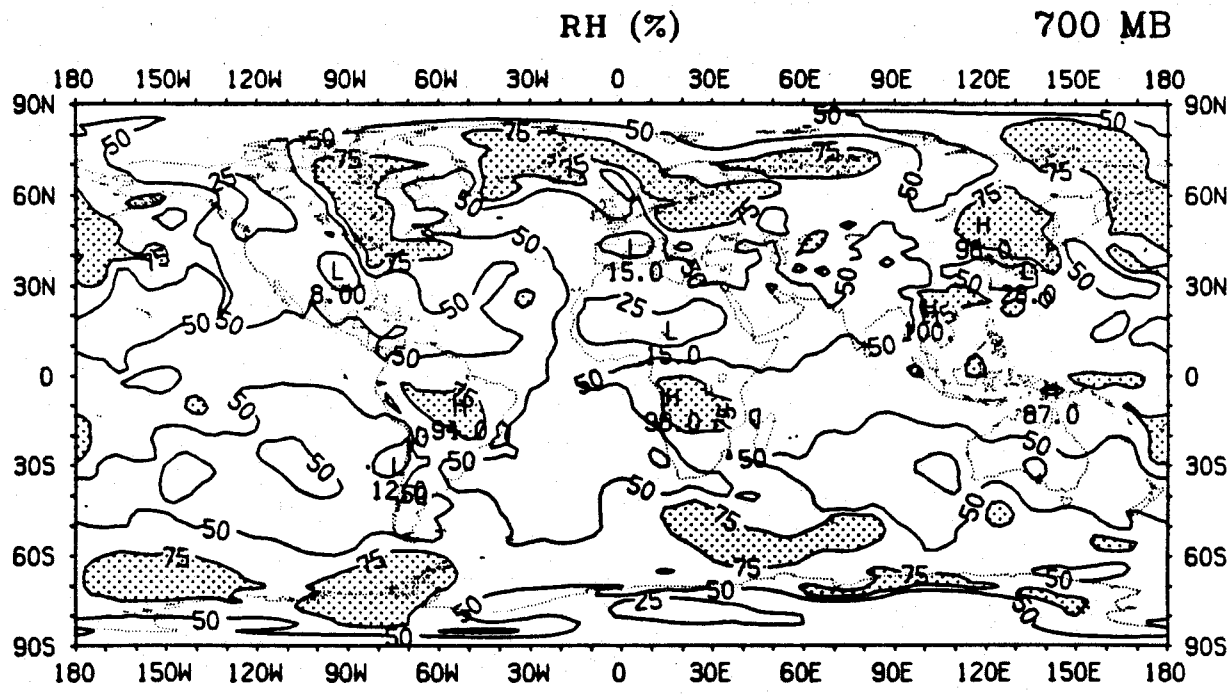




Fig. 6. Relative humidity % for (a) 1200 GMT 1 January and (b) 0000 GMT 2 January 1981 at 700 mb. Values greater than 75% are stippled.

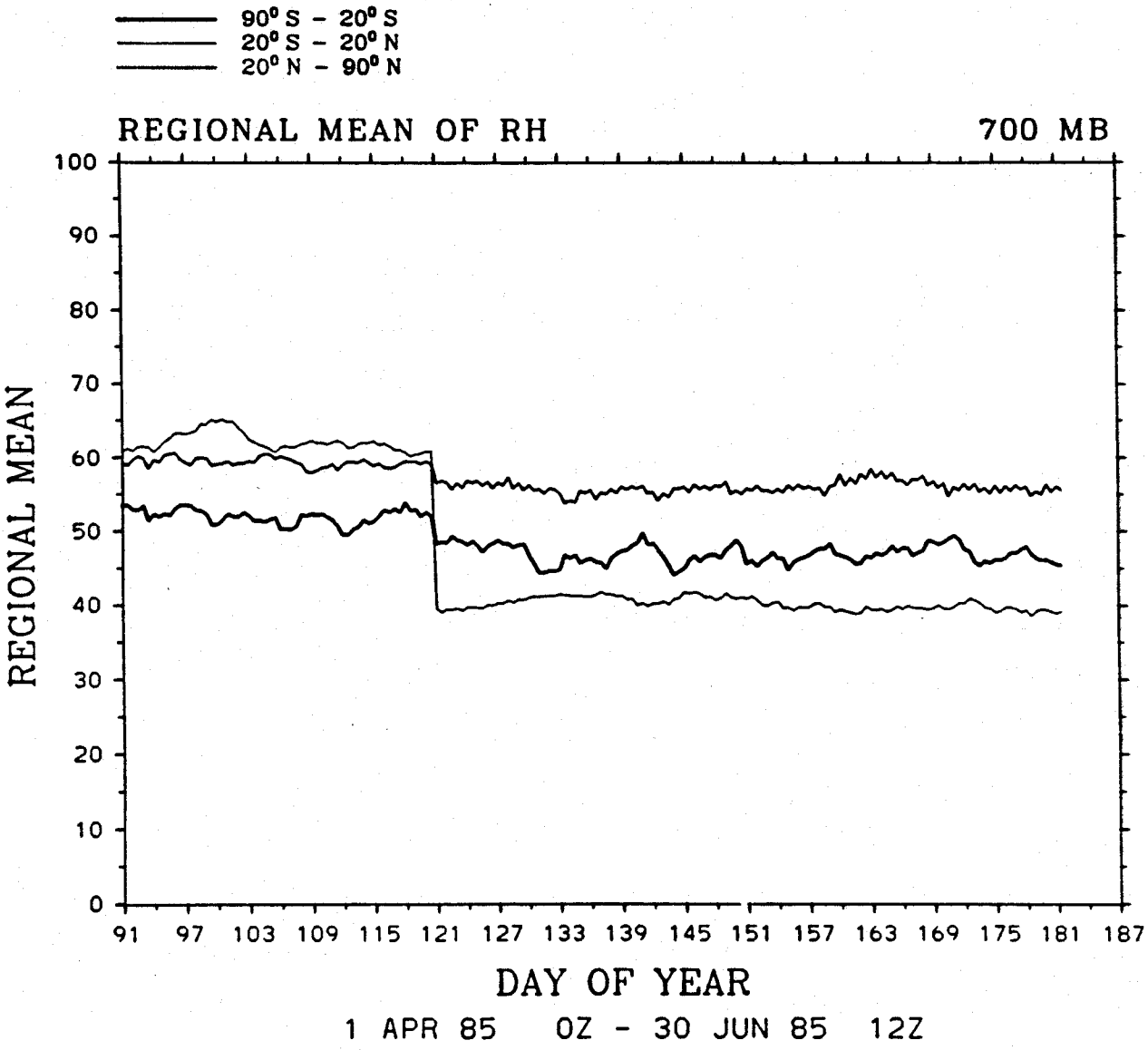



**Fig. 7. Regional means of relative humidity for April–June 1985 at 700 mb.**

Figure 8 shows another feature of the analyses in the regional averages of $z$ at 1000 mb. The sequence shown from 1 April to 30 June 1984 covers the period when changes were made on 1 May 1984 (see Table 1) in which the diurnal cycle of radiation was implemented. The result can be seen in Fig. 8 as a sudden onset of zig-zags in the NH areal mean height. Such an effect is most apparent during spring, summer and autumn in the NH.

### 3.2 15–day averages

We have assembled 15–day averages of the individual daily statistics in order to gain some appreciation of their overall trends. For instance, Fig. 9 shows the regional mean time series of 15–day averages of $z$ at 1000 mb, where we have removed the mean annual cycle (first two harmonics) in order to make the trends more apparent. The feature most prominent in this figure is the change in values in November 1980 in the SH and Tropics curves. Although adjustments to the analysis system were made on 11 November 1980 (Table 1), it is not clear why the correction in treatment of $T_v$ should impact on the 1000 mb height and it seems likely that other changes may have been responsible for what seems unlikely to be a real change. Another change is also apparent in Fig. 9 in the Tropics curve which can be seen to drop to a slightly lower level after January 1984. It is not known what the cause of this is, but it may be associated with the introduction of envelope orography on 1 February 1984 since orography has an impact on 1000 mb height through extrapolation procedures below ground.

Figure 10 shows the RMS differences between adjacent analyses in 1000 and 200 mb $z$ with time, with the mean annual cycle of this quantity removed. Discontinuities are apparent in May 1984 at both 1000 and 200 mb and 1 May 1985 at 1000 mb, in both hemispheres. We previously noted (Fig. 8) the impact of the introduction of the diurnal cycle on 1 May 1984 but other changes on the 22 May 1984 also appear to be important enough to show up. Further major changes took place on 1 May 1985 (Table 1) and thus these discontinuities are certainly not real. Another abrupt change occurred in the Tropics in March 1986 at both levels apparently in association with the change in the system on 4 March 1986 (Table 1) which was designed to preserve tidal waves and therefore better

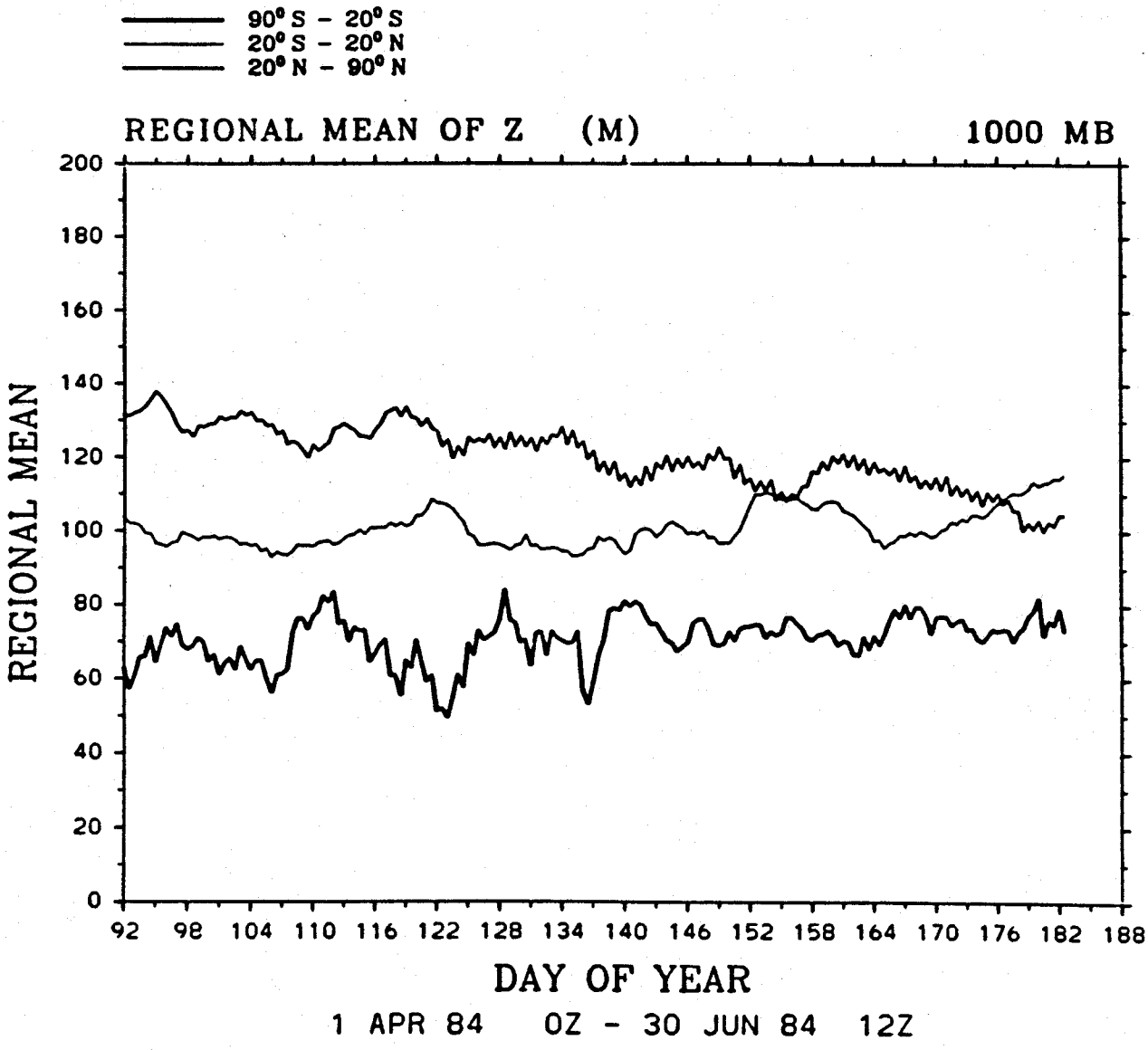



Fig. 8. Regional means of geopotential height at 1000 mb for April to June 1984 in m.

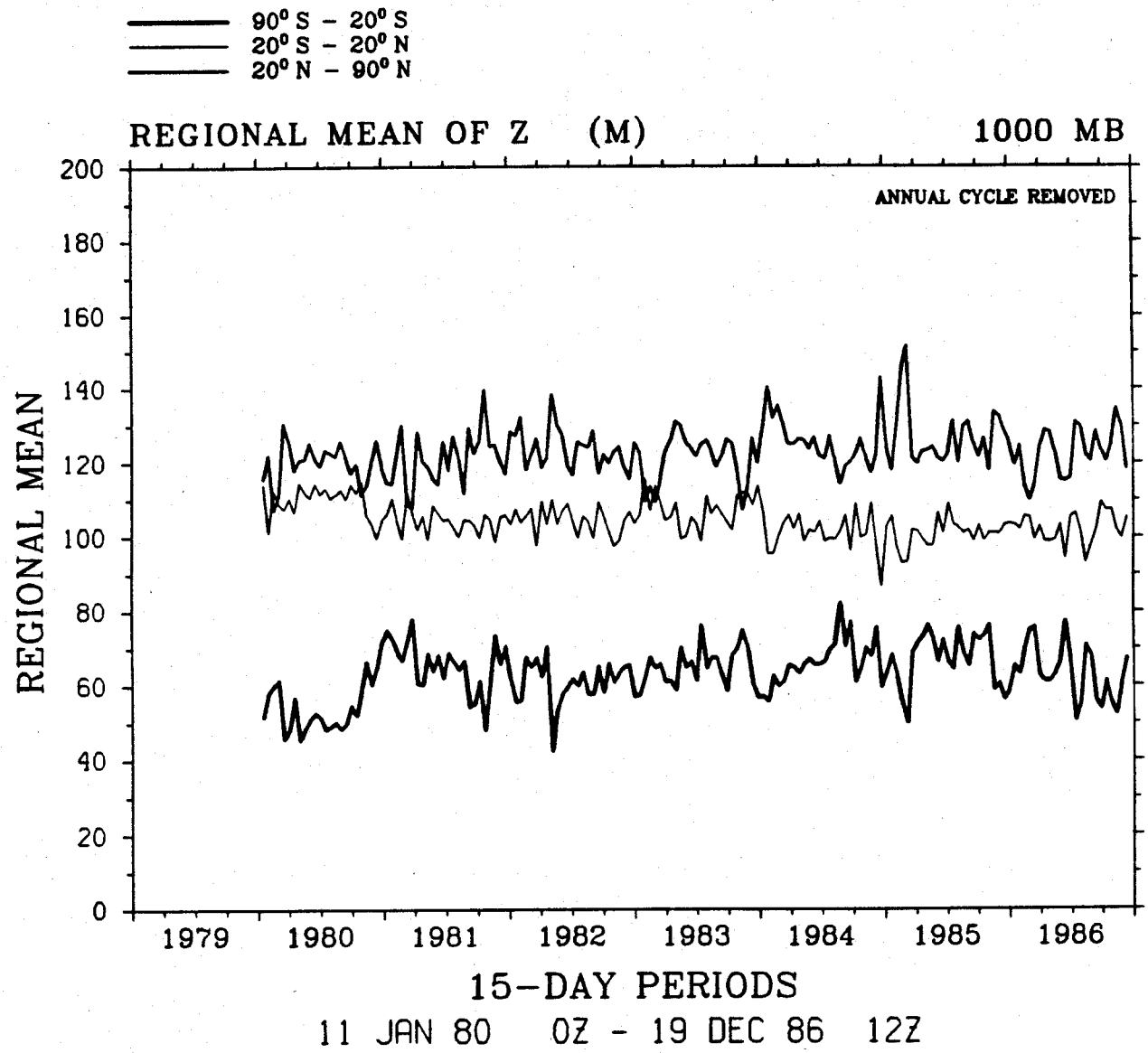



**Fig. 9.** 15-day averages of the regional means of geopotential height at 1000 mb 1980–86 with the mean annual cycle removed.

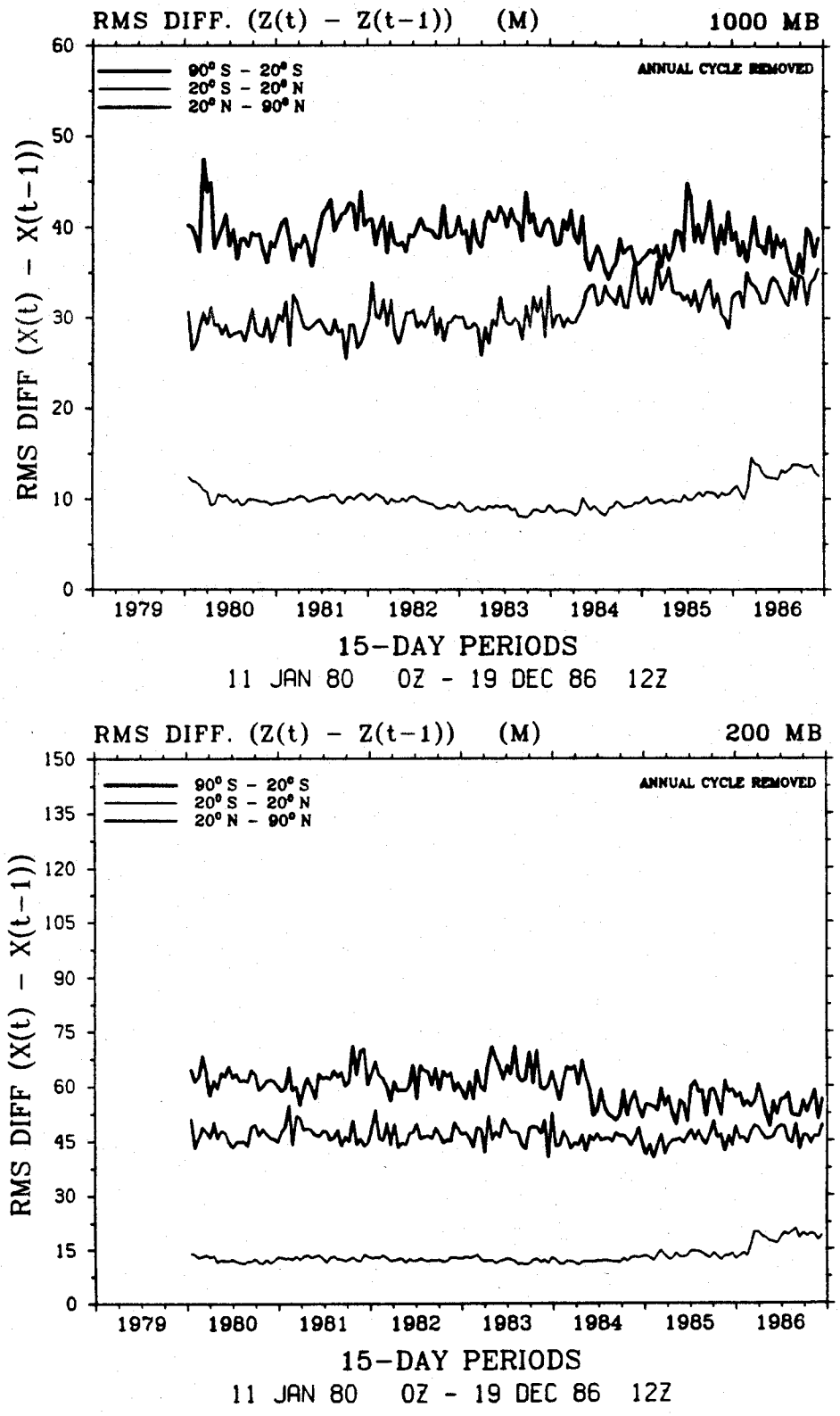



Fig. 10. 15-day averages of RMS differences of $z$ at (a) 1000 mb and (b) 200 mb with the mean annual cycle removed.

represent the diurnal cycle, especially in surface pressures. Note however that the mean field at 1000 mb in Fig. 9 does not appear to be significantly influenced by the changes.

The change on 10 December 1980, in which the increments to the first guess rather than the whole field are interpolated from $p$ to $\sigma$ coordinates, had a significant effect on the RMS differences in the $u$ field, as can be seen in Fig. 11 for 200 mb. The main impact is in the Tropics where the RMS differences increased after the change, as would be expected, since interpolation back and forth between $\sigma$ and $p$ has a smoothing effect.

The changes in the analysis/forecast system noted in Table 1 have had greatest impact on the divergent wind field component and associated vertical velocity. This is dramatically illustrated by the time series of the regional means of $v$ at 200 mb in Fig. 12. Since the areal averages include zonal means, the $v$ in Fig. 12 is entirely the divergent component. The most striking feature of this sequence is the huge increase in amplitude of the $v$ in the Tropics with time. Although this is simply the average from 20°N to 20°S it apparently captures the annual cycle of the upper branch of the Hadley Circulation. The first major increase in the amplitude of the divergent wind occurred on 21 September 1982 when diabatic processes were introduced into the NNMI. The introduction of the spectral T63 model in April 1983 may also have been a factor. The next major change occurred on 1 May 1985 in association with the introduction of the T106 spectral model, although the increased amplitude seen in Fig. 12 is more likely associated with the changes in physical parameterizations introduced at the same time. These included the introduction of shallow convection, modifications to the Kuo convection scheme and large-scale condensation, and a new representation of clouds in the model. Other changes, in March and September 1986 also have had an impact on the divergent wind.

The effects of these changes are also apparent at higher latitudes in Fig. 12 where the upper branches of the Ferrel Cells are evident in each hemisphere prior to September 1982, but not thereafter.

In order to better show the impact of these changes on the zonal mean $v$ field, Fig. 13 shows the zonal mean cross sections of $v$ for July of 1981, 1983, 1985 and 1986. Trenberth

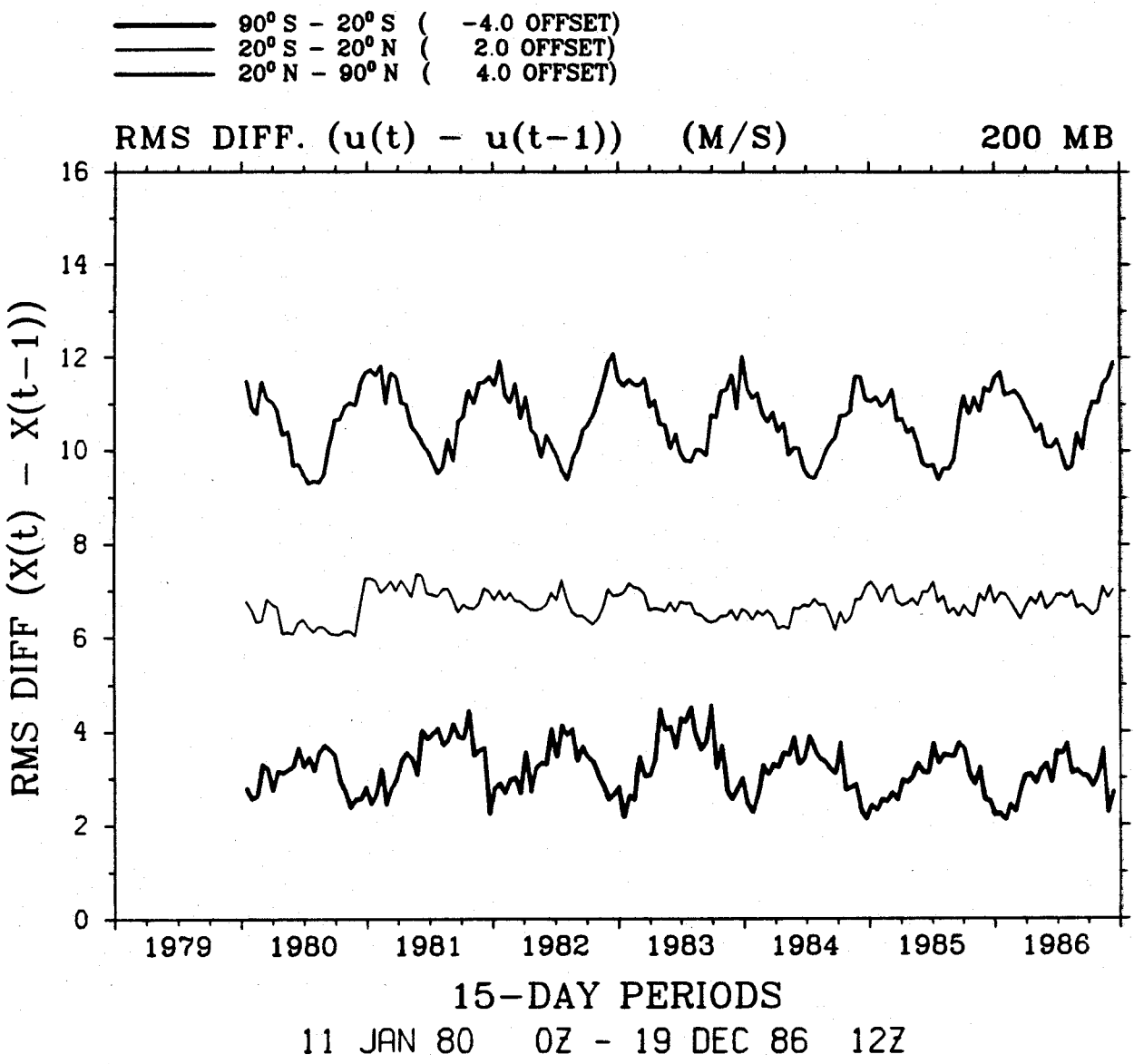



Fig. 11. 15-day averages of RMS differences of $u$ at 200 mb, in m $s^{-1}$.

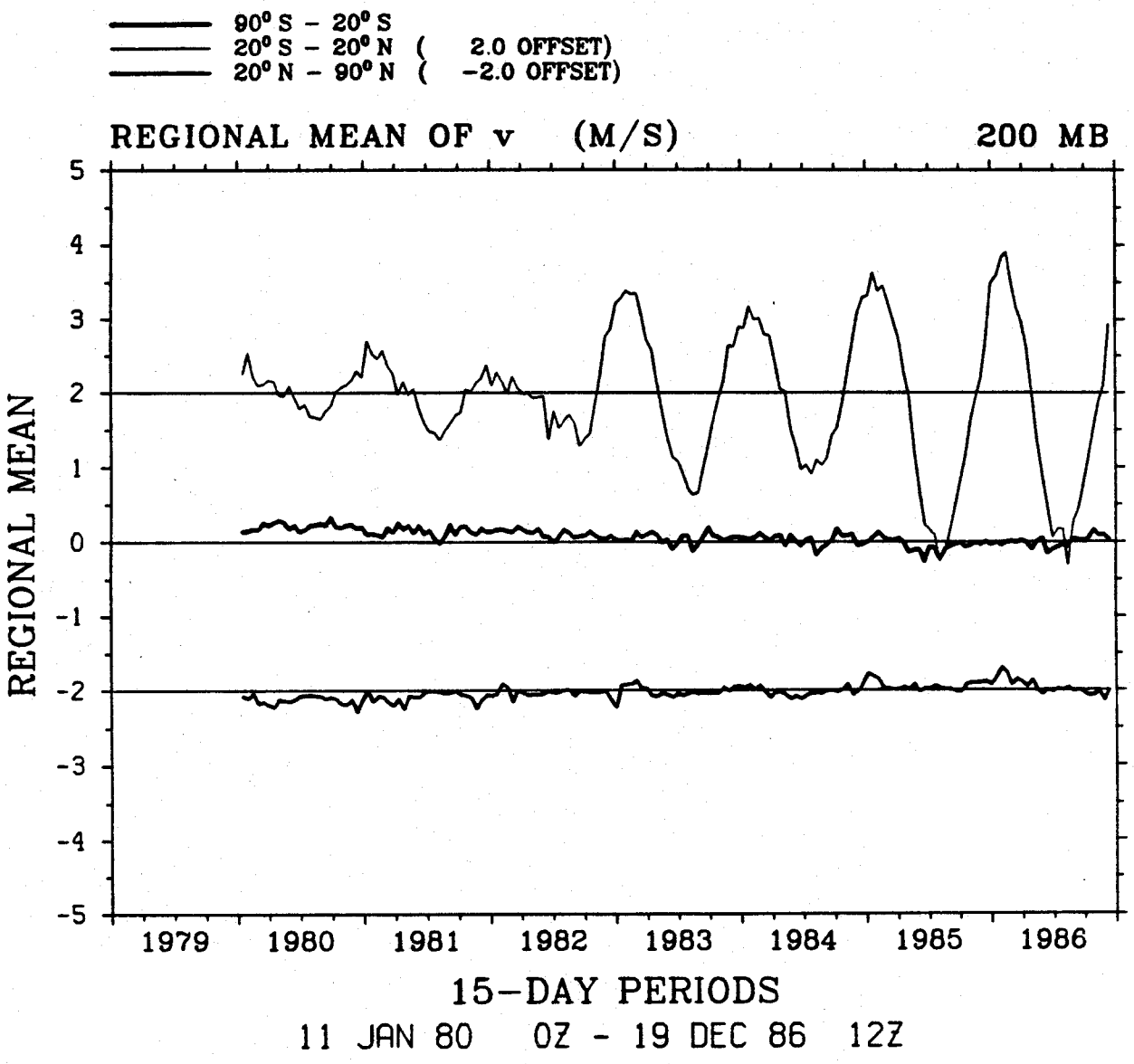



Fig. 12. 15-day averages of areal averages of $v$ at 200 mb, in m $s^{-1}$.

(1987) has analyzed the zonal mean momentum budget for June-July-August (JJA) using ECMWF data for the period 1979–82. With a few assumptions, and given the zonal mean $u$ and momentum fluxes, the zonal mean $v$ can be found as a residual. He shows that not only is the analyzed Hadley circulation too weak for that period, but the strange vertical structure seen in Fig. 13 for July 1981, 1983 and, to a lesser extent in 1985, is not real and apparently arises from the number of vertical modes initialized (Hollingsworth and Cats, 1981). Thus the strong southward flow at 700 mb and the northward component at 300 mb over the equator in 1981 and 1983 are spurious. By 1986 these features have been eliminated and the Hadley Cell is more clearly seen. But note also that changes have occurred between July 1985 and July 1986, especially at 500 mb, most likely due to the changes in humidity analysis in May 1985 which impact on rainfall and thus latent heat release (see below). In the extratropics, the upper branch of the Ferrel Cell can be seen. Figure 13 shows how the Ferrel Cell is smeared out in Fig. 12 by averaging over 20° latitude to the pole since it includes part of the summer upper branch of the Hadley Cell which has increased in extent with time. In summary, the changes seen in Figs. 12 and 13 are almost entirely due to changes in the analysis system.

The changes just discussed with regard to the divergent wind have also had major impacts on the moisture field as given by the analyzed relative humidity. In part this reflects the close link between vertical motion and latent heat release, but the changes in $RH$ have been even more frequent, see also Section 2.3. Figure 14 shows the time series of regional means of $RH$ at 700 mb and the corresponding RMS differences between adjacent analyses. Non–stationary features are the rule in this record. Increases in $RH$ occurred from 1980 to 1981, a major decrease in the Tropics in May 1985 (see also Fig. 7), an increase in the Tropics in March 1986 and an abrupt decrease in the NH in September 1986. The RMS differences reveal some other features notably in March 1980 and April 1983, and a decrease in the SH in March 1986. The April 1983 change coincided with the introduction of the spectral model and all the other dates were noted above as times of other system changes.

Fig. 15 shows the hemispheric and global mean surface pressure due to water vapor

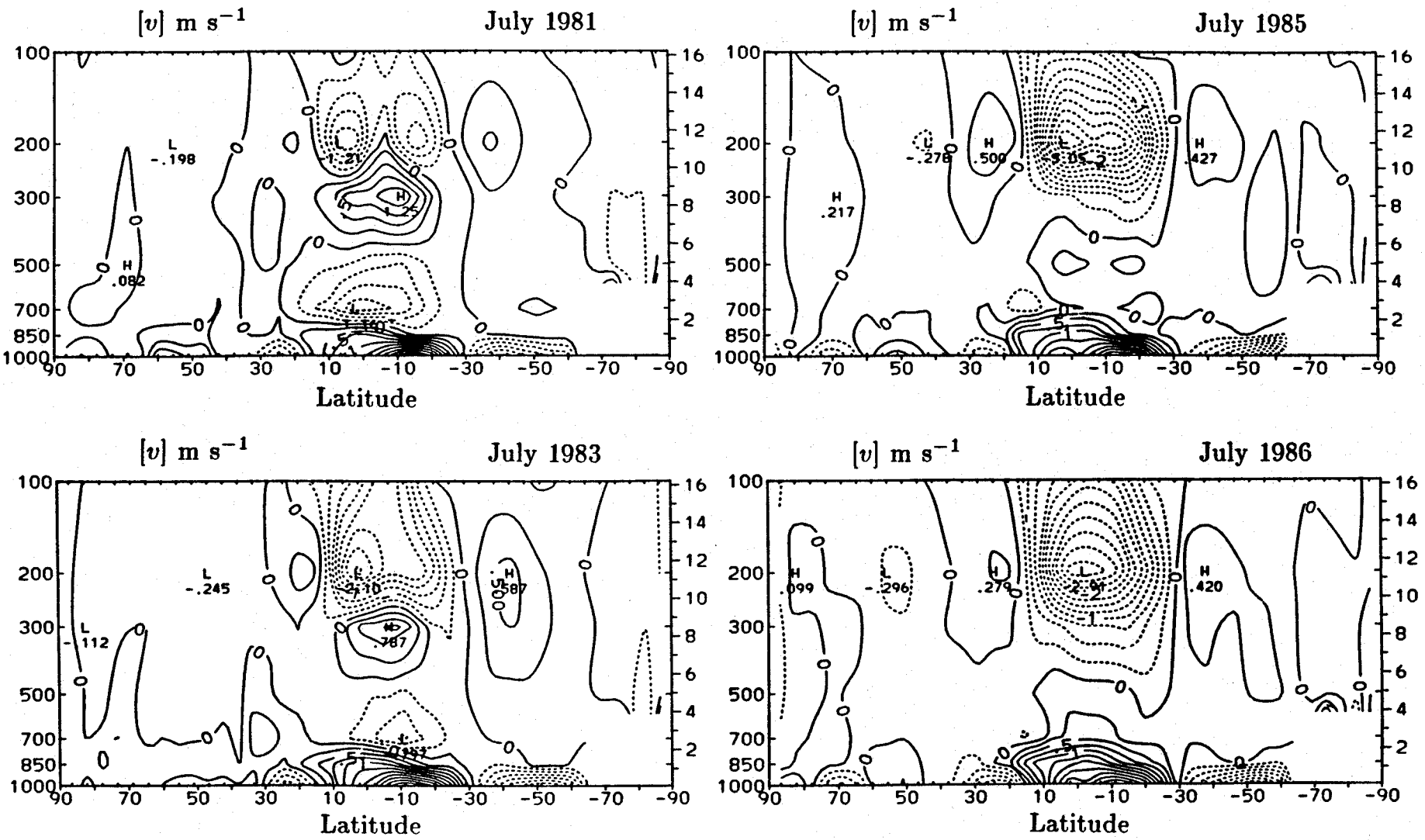



Fig. 13. Zonal mean cross sections of $v$ in July of 1981, 1983, 1985, and 1986. The contour interval is 0.25 m s$^{-1}$.

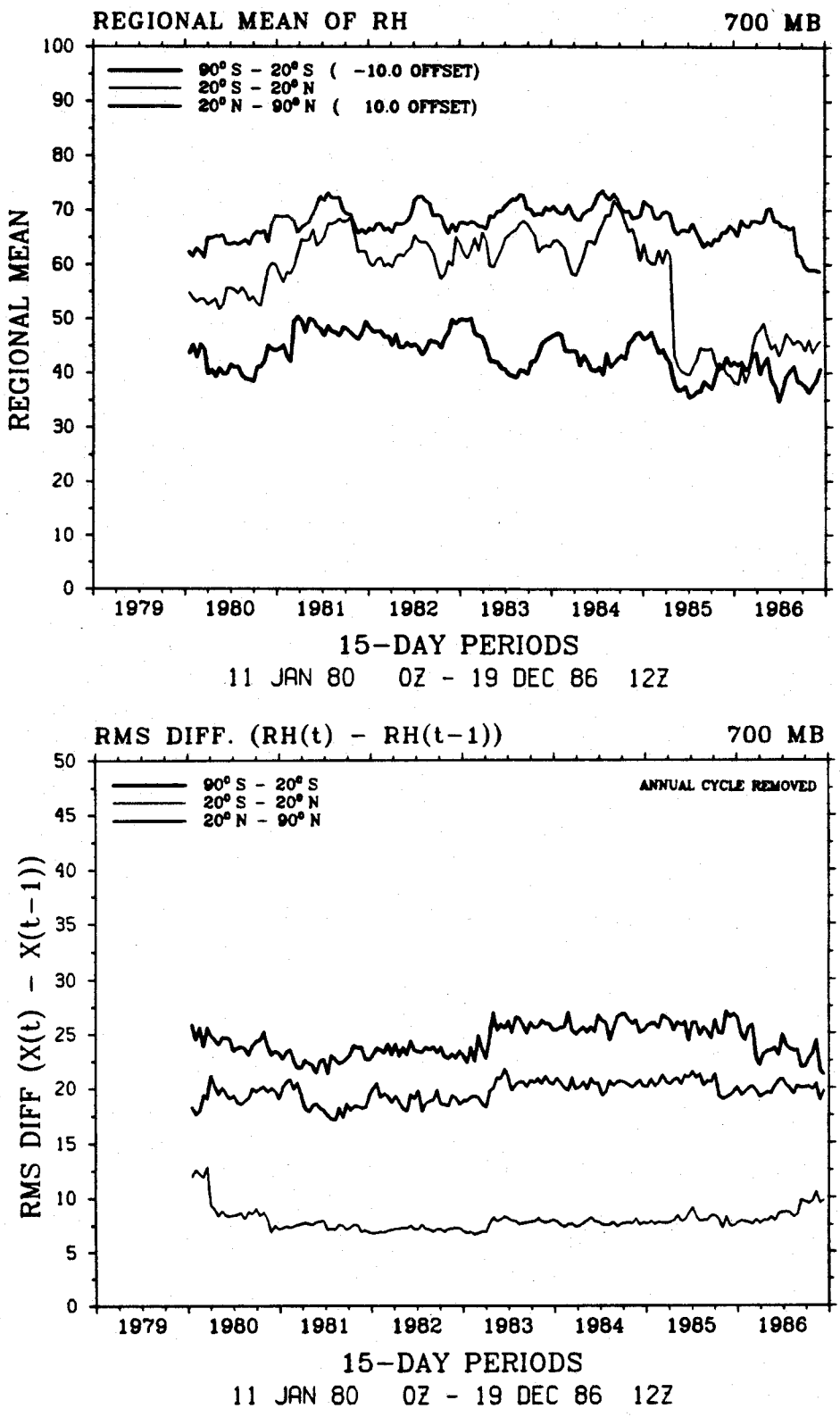



Fig. 14. 15-day averages of *RH* (a) areal averages, and (b) RMS differences at 700 mb, in %. The mean annual cycle has been removed in (b).

anomaly time series and also shows the sequences as a function of latitude from Trenberth *et al.* (1987). As discussed there and in Section 2.3, the changes shown in Figs. 14 and 15 are almost entirely spurious and simply document the effects of changes in analyses associated with changes in the ECMWF data assimilation system and model.

Many of the above have been remarked upon elsewhere, especially by ECMWF and we now refer to some published findings. Branković (1986) noted that the change in March 1984 suppressed development of spurious wavetrains of intense vertical motion during forecasts of extreme synoptic situations such as strong jets. In May 1984 the analyses were improved by better quality control and a more appropriately accurate fit to observations. Specifically, the surface pressure was made to fit the observations more closely, especially in the SH where adjustments were made in the treatment of PAOBs (Shaw *et al.*, 1987). Also, undesirable errors in the wind–field analysis were removed (Branković, 1986). The changes in July 1984 produced significant reduction in erroneous warming of the tropical and subtropical tropopause in forecasts (Branković, 1986). In December 1984 the main impact was on forecasts by reducing the negative temperature bias in tropical troposphere and wind errors, and enhancing the Hadley circulation (Branković, 1986).

The change on 1 May 1985 had an impact on forecasts by enhancing the whole hydrological cycle including the moisture supply from the surface to the PBL in the tropics; eliminating anomalous cooling in the tropical and subtropical troposphere; the vertical motion became more intense in anticyclonic regions; and the tropical zonal mean wind was improved. The impact on analyses was assessed by comparing JJA of 1984 and 1985. In the tropics the stratosphere became warmer by up to 1.5°K, there was a slight cooling at 300 mb, the mid–troposphere became warmer by up to 1.5°K, and there was cooling below 850 mb. In addition, there was strong warming in NH polar region between 850 and 400 mb; the strength of Hadley circulation increased by 50%; the PBL deepened with reduced moisture at lower layers of PBL; and increased moisture at 850 mb but decreased above 850 mb (Branković, 1986).

Illari (1987) has recently discussed the improvements in the $RH$ field and their effects on rainfall that are relevant to the implementations in March and September 1986

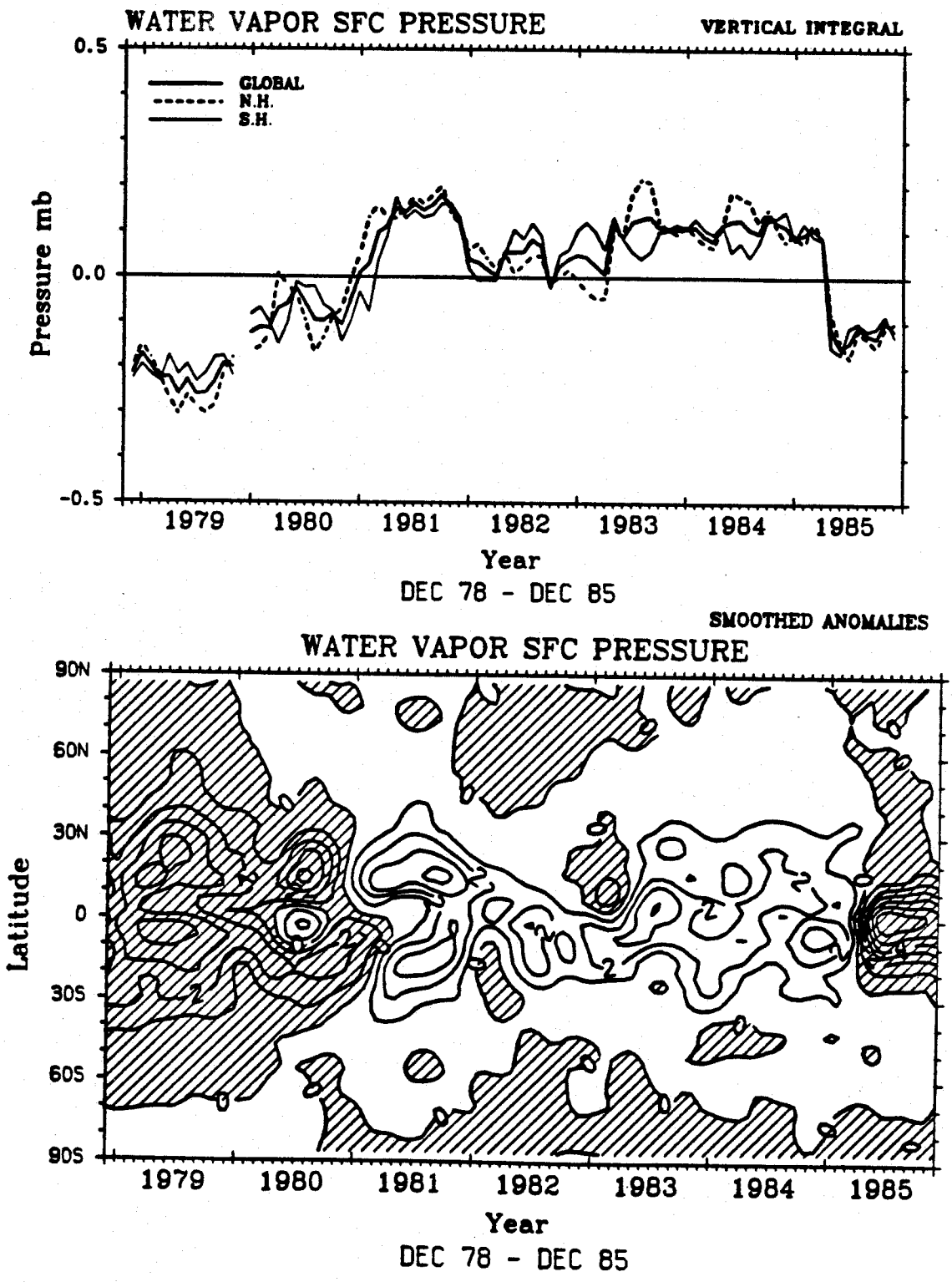



Fig. 15. (a) Time series of anomalies of the surface pressure due to water vapor for the globe, northern and southern hemispheres. (b) Time series of anomalies of surface pressure due to water vapor weighted by $\cos\phi$ as a function of latitude in tenths of mb.

(see Table 1) and the discussion pertaining to Figs. 14 and 15.

It is clear that some fields are reasonably well defined by the analyses, e.g., the rotational wind, $z$, and $T$, while other fields such as the divergent wind component, $\omega$, and moisture parameters suffer from biases and greater uncertainty, and should be used only with caution. Further information on the impacts of the changes is provided through a comparison of ECMWF with NMC data given in Trenberth and Olson (1988b).

### 3.3 Antarctic analyses

There are a number of special problems that arise in high southern latitudes. Foremost is the receipt of operational data in time for the analysis. For the Antarctic stations this problem is compounded by the disruptions in communications associated with auroral-type phenomena and the vast distances. In addition, the presence of the high ice cap adds to difficulties through surface pressure analyses and in projecting information below ground. This becomes reflected in the information above ground both through the first guess field used in the analysis and through input data such as satellite soundings. Moreover, in a spectral model, truncation problems tend to be greatest nearest the poles. Thus ECMWF made changes in their archival system that included increasing the truncation from T40 to T63 on 13 April 1982 in order to reduce such problems (White, 1983).

A comparison between NMC and ECMWF analyses over Antarctica reveals enormous differences, although they have diminished during 1986 (Trenberth and Olson, 1988b). Most of the differences are attributable to chronic problems at NMC (Trenberth and Olson, 1988a). However, White (1982) has noted "peculiar features in the analyses" over Antarctica in the ECMWF analyses during 1981 and he has recommended ignoring circulation statistics computed over that region. We have confirmed that several fields contain strange or excessively large values over Antarctica at least until 1982. The variable most affected is $\omega$, and it is clear that the equation of continuity, as seen through $[v]$ and $[\omega]$, is often violated. The worst months appear to be December 1980 and February 1981 but there are often maxima in $[\omega]$ over Antarctica prior to September 1982.

To further evaluate the analyses over Antarctica and assess their reliability we have

compared the ECMWF analyses with observations from McMurdo Sound (77.8°S 166.6°E) and Amundsen-Scott (the South Pole station) by interpolating the analyses to the station location and computing monthly means and RMS differences based *only* on those days when soundings existed at each level. While missing data are a problem at McMurdo (see Fig. 16), fewer observations are missing at the Pole station and almost none are missing at 500 mb (although this is no guarantee that ECMWF received the data).

Differences are shown only for 200 mb $z$ in Fig. 16 for 1980-86, but the pattern at 500 mb is similar although with differences about half as large. As can be seen in Fig. 16, differences tend to be less in the summer months. Huge negative biases, of up to -260 m at 200 mb and -100 m at 500 mb at the South Pole existed in 1980 and 1981. Improvements are evident in 1982 and again in 1983. From 1983-85 at 500 mb monthly mean biases of $\pm$20 m or so were common at both stations and were accompanied by RMS differences of $\sim$40 m at McMurdo and $\sim$50 m at the South Pole. At 200 mb (Fig. 16), biases exceeded 50 m in 7 months from 1983-85 and typical RMS differences were $\sim$70 m at South Pole and $\sim$50 m at McMurdo. By 1986 a positive bias at 200 mb was the rule at the South Pole, with mean differences exceeding 40 m on three occasions. Average RMS differences in 1986 were $\sim$40 m at McMurdo and $\sim$50 m at the South Pole. Since all of these values are considerably larger than expected for errors in radiosonde soundings (which are typically less than 20 m at 200 mb, Schmidlin and Finger, 1987) it is evident that further improvements are needed in the ECMWF analyses over Antarctica.

At the South Pole, RMS differences between NMC and ECMWF analyses were $\sim$50 m at 200 mb in the latter half of 1986. It does appear that part of this is attributable to the ECMWF analyses although improvements have clearly occurred since 1981 when White's comments applied.

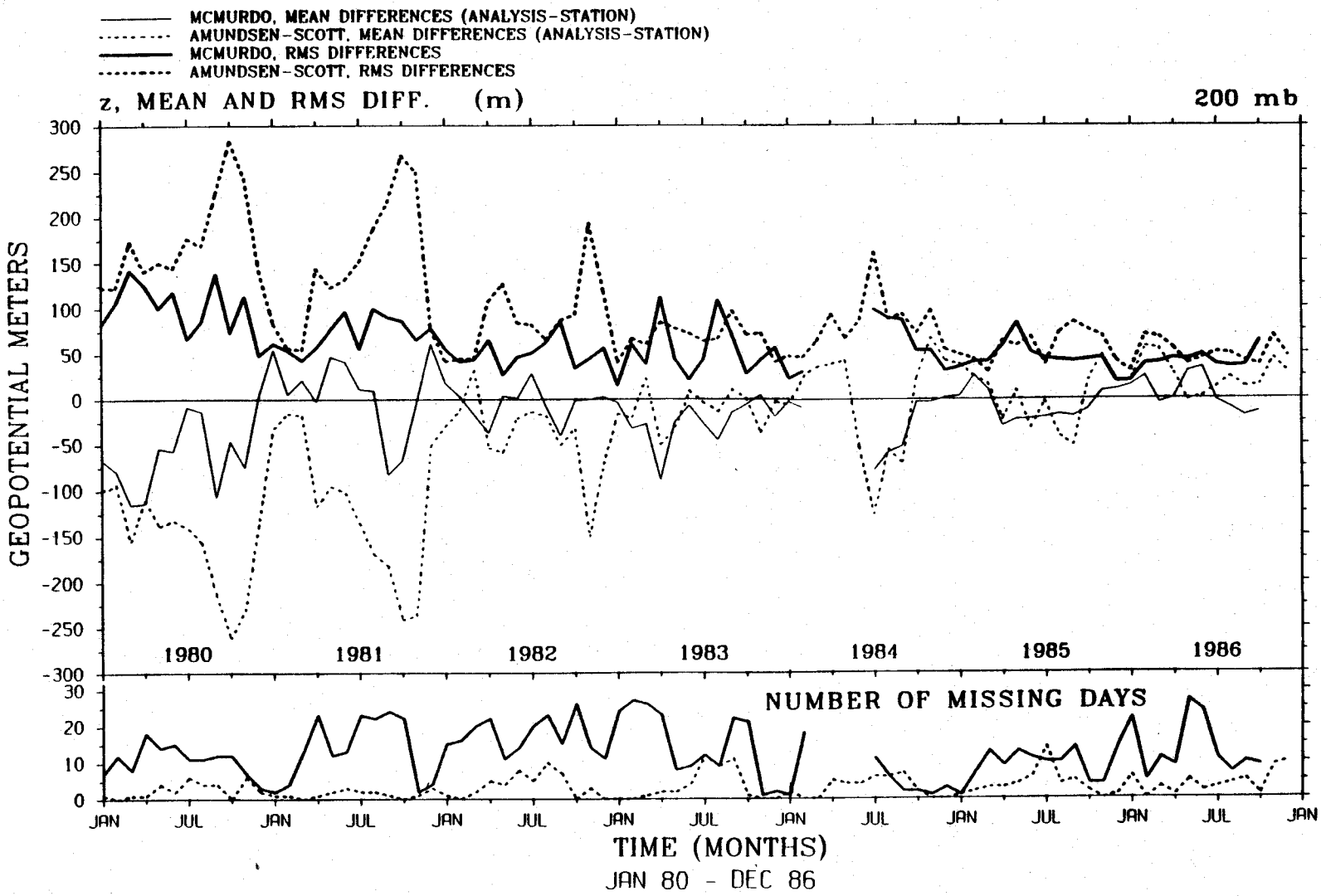



Fig. 16. Monthly mean time series (1980-86) of differences between ECMWF analyzed heights and station values at 200 mb for McMurdo Sound (solid curves), and Amundsen-Scott (dashed curves), in m. Shown are the monthly mean bias (thin lines) and RMS differences (heavy lines) for those days when station observations occurred at this level. The number of days missing each month at each station are shown below.

# 4. The R15 Gaussian grid data set

The analyses have been interpolated to the R15 Gaussian grid used by the CCM and put into a form compatible with the history tape format for use with the CCM modular processor. A list of the levels and basic variables available, and their units, is given in Appendix V. Each field has been appropriately handled using a cubic spline interpolation and placed on the 48 × 40 grid but they have *not* been spectrally transformed or truncated at R15. For example, with 48 points in the east–west direction zonal waves up to wave number 24 can be resolved. Consequently, use of the spectral–transforms will result in a truncation of the basic fields unless a resolution higher than R15 is utilized in the transform.

For those readers not familiar with the CCM processor, it is a huge package of software written specifically for post-processing history tapes (as Mass Store volumes) generated by the CCM. An introduction to the CCM is provided by Dias (1987), and a comprehensive manual is provided by Wolski (1986) (and updates in progress). For example, the processor allows many maps and cross sections to be plotted and statistics of all kinds to be generated using simple keyword instructions. Similarly, transforming from grid-point to spectral space and vice versa is straightforward and thus quantities such as vorticity, streamfunctions, velocity potentials and divergences are easily derived.

In addition to the basic fields, the surface orography on 1/6° grid from the U.S. Navy Fleet Numerical Oceanography Center has been used to define the mean orography on the R15 grid. Note, this is *not* a spectral orography and values are exactly zero over the oceans. With the orography given, surface pressures have been computed as given in Appendix III. A surface type flag has also been added.

In order to facilitate use of the data with the CCM processor, it is desirable that each day should have a unique label. Thus, we have defined DAY 0 = 0000 GMT 1 January 1978, and labelled each day in the data set accordingly; e.g. 1200 GMT 8 November 1984 becomes day 2503.5. Currently, the data set extends from 1 December 1978 to 31 December 1986 although with all of December 1979 missing. Updates will be made when data become available. A complete reference listing of the day for each date is given in Appendix IV.

The data are in the form of pressure level history tapes, TYPEc = 'PTP1' for use in the processor. Appendix V provides a complete list of the fields, their names, and units, and levels available. Each month of data is on a separate volume on the Mass Store and may be accessed by using the Mass Store pathname and volume name listed in Appendix V. Appendix II gives the list of bad data as determined by ECMWF or in our checks so far.

A standard set of individual monthly mean time average statistics, which excludes the bad data, has been compiled and written as a set of separate volumes as time average save tapes (TYPEc = 'SAVTAV'). The statistics computed so far consist of means, variances and covariances of the basic parameters without involving spectral transforms. A separate archive is planned for statistics involving spectral calculations, including such things as vorticity. Appendix VI provides a list of volume and pathnames on the Mass Store and documentation of the monthly mean statistics, the fields available and the names assigned in the archive. Plots of horizontal maps and cross-sections have been prepared for most of the statistics and these are available on fiche for each individual month (contact Jerry Olson). Examples of the plots for the overall means are presented in the next section and in fiche at the back of the book.

## 5. Mean general circulation statistics: 1979-1986

In addition to the individual monthly mean statistics, long–term means have been computed for several subperiods. In this section we describe those for the whole period December 1978 to December 1986, inclusive, but with December 1979 missing. These statistics are also available on-line on the Mass Store, as described in Appendix VI. A subset of these is presented in this section for January and July, and more complete plots are given on fiche, one for each month, in the back of the report.

The fiche contain plots of most of the mean fields, zonal mean cross sections of all fields, and selected levels for the standard deviation and covariance fields. The units are given on the top of each plot and sometimes differ from the basic unit as archived in the Mass Store volume. In particular, $q$ has been changed to units of $10^{-1}$ g/kg and $\omega$ has

been changed to $10^{-4}$ mb $s^{-1}$. Since values of $q$ are not based on data above 300 mb, we have excluded plots of $RH$ and $q$ at 200 and 100 mb, although the fields are available on the Mass Store volume. In addition, because of problems in extrapolating below the ground, we have omitted plots at 1000 mb for several quantities.

In computing the statistics, the bad analyses have been omitted, but no corrections or adjustments have been made for any of the changes associated with the evolution of the analysis system described in Table 1 and section 3. Consequently, all mean statistics should be used with caution and, in many cases such as for the divergent wind components (see Fig. 12), individual monthly means from the most recent year are probably more representative.

Note that the statistics are simple averages of individual monthly means. Thus variances and covariances represent the mean variations within an individual month about that monthly mean (not the long-term mean) and interannual variability of the monthly mean is *not* included. Consequently the variances are negatively biased measures of the total population variance. Moreover, all variances and covariances are sample values, not unbiased estimates of the population values (i.e. the division is by $N$ not $N-1$, where $N$ is the number of observations). Although variance is the quantity archived, we have generally preferred to plot maps of its square root, which is referred to as the standard deviation. The square root of the ensemble mean variance differs slightly from the time average of the monthly standard deviations.

We use the notation that the overbar is the monthly mean and the prime is the departure from the mean, thus $u = \overline{u} + u'$. Also, $u = [u] + u^*$ where the bracket denotes the zonal mean and the $()^*$ is the zonally asymmetric part. We also use $s(u)$ to depict the sample mean monthly standard deviation of $u$.

The plots presented on the fiche in the back of the book are listed in Table 2. There is one fiche for each month. Both horizontal cylindrical-equidistant (Mercator-type) plots and zonal mean cross sections are included. An index of the plots is given at the beginning of each fiche. The index is in two parts, plots 1.1 to 1.128 and 2.1 to 2.95. The former

Table 2A. Variable and plots appearing on each fiche. Given is the variable, the label given on the fiche, the units, the levels for horizontal plots, and a * to indicate if a zonal average is plotted also: Plots 1.1 to 1.128

| Variable | Label | Units | Levels (mb) | Cross Section |
|---|---|---|---|---|
| $\overline{u}$ | U | m $s^{-1}$ | 1000-100 | * |
| $\overline{v}$ | V | m $s^{-1}$ | 1000-100 | * |
| $\overline{T}$ | T | °K | 1000-100 | * |
| $\overline{z}$ | ZA | dam | 1000-100 | |
| $\overline{\omega}$ | OMEGA | $10^{-4}$mb $s^{-1}$ | 1000-100 | * |
| $\overline{q}$ | Q | $10^{-1}$g $kg^{-1}$ | 1000-300 | * |
| $\overline{u'T'}$ | UTP | °K m $s^{-1}$ | 1000-100 | * |
| $\overline{v'T'}$ | VTP | °K m $s^{-1}$ | 1000-100 | * |
| $\overline{\omega'T'}$ | WTP | $10^{-4}$°K mb $s^{-1}$ | 850-200 | * |
| $\overline{u'z'}$ | UZP | $m^2$ $s^{-1}$ | 850-200 | * |
| $\overline{v'z'}$ | VZP | $m^2$ $s^{-1}$ | 850-200 | * |
| $\overline{\omega'z'}$ | WZP | $10^{-2}$mb m $s^{-1}$ | 850-200 | * |
| $\overline{u'q'}$ | UQP | $10^{-1}$(g $kg^{-1}$)m $s^{-1}$ | 850-300 | * |
| $\overline{v'q'}$ | VQP | $10^{-1}$(g $kg^{-1}$)m $s^{-1}$ | 850-300 | * |
| $\overline{\omega'q'}$ | WQP | $10^{-5}$(g $kg^{-1}$)mb $s^{-1}$ | 850-300 | * |
| $\overline{u'v'}$ | UVP | $m^2$ $s^{-2}$ | 1000-100 | * |
| $\overline{u'\omega'}$ | UWP | $10^{-4}$ mb m $s^{-2}$ | 850-200 | * |
| $\overline{v'\omega'}$ | VWP | $10^{-4}$ mb m $s^{-2}$ | 850-200 | * |
| $\overline{P}_s$ | PS | mb | surface | * |
| $\overline{RH}$ | RH | % | 1000-300 | * |

Table 2B. Variable and plots appearing on each fiche. Given is the variable, the label given on the fiche, the units, the levels for horizontal plots, and a * to indicate if a zonal average is plotted also: Plots 2.1 to 2.95

| Variable | Label | Units | Levels (mb) | Cross Section |
|---|---|---|---|---|
| $s(u)$ | SDU | m $s^{-1}$ | 1000-100 | * |
| $s(v)$ | SDV | m $s^{-1}$ | 1000-100 | * |
| $s(\omega)$ | SDW | $10^{-4}$mb $s^{-1}$ | 850-200 | * |
| $s(T)$ | SDT | °K | 1000-100 | * |
| $s(z)$ | SDZ | dam | 1000-100 | * |
| $s(q)$ | SDQ | $10^{-1}$g $kg^{-1}$ | 850-300 | * |
| $s(RH)$ | SDRH | % | 850-300 | * |
| $\overline{T}^*$ | TS | °K | 1000-100 | |
| $\overline{z}^*$ | ZS | dam | 1000-100 | |
| $\overline{q}^*$ | QS | $10^{-1}$g $kg^{-1}$ | 850-300 | |
| $\frac{1}{2}(\overline{u'^2} + \overline{v'^2})$ | KEP | $m^2$ $s^{-2}$ | 850-200 | * |
| $\overline{\mathbf{v}}$ | WIND | m $s^{-1}$ | 1000-100 | |
| $\overline{\mathbf{v}'T'}$ | TFL | °K m $s^{-1}$ | 1000-100 | |
| $\overline{\mathbf{v}'z'}$ | ZFL | $m^2$ $s^{-1}$ | 500-200 | |
| $\overline{\mathbf{v}'q'}$ | QFL | $10^{-1}$(g $kg^{-1}$)m $s^{-1}$ | 850-500 | |
| $\overline{u}^*\overline{v}^*$ | UVS | $m^2$ $s^{-2}$ | | * |
| $\overline{v}^*\overline{T}^*$ | VTS | °K m $s^{-1}$ | | * |
| $\overline{v}^*\overline{q}^*$ | VQS | $10^{-1}$(g $kg^{-1}$)m $s^{-1}$ | | * |

are taken directly from the archive using the plot package in the processor with minor modifications. The latter have undergone minor processing in the CCM processor before being plotted (e.g. a square root of the variance fields to produce a standard deviation, or the zonal mean was removed to compute the zonally asymmetric field, etc). The order in Table 2 is that on each fiche.

The fiche also feature several vector plots with contours of the magnitude of the vector plus the vector itself. The scale for the vector is given below each plot, see Table 2 for units.

It is emphasized that all these fields, and others, are available online and accessible through a fairly simple program that uses the processor. A listing of the program used in the processor to generate the January fiche is given as Appendix VII. In addition, we have modified the routine that produces the labelling above each plot.

Samples of the plots on the fiche for January and July are now presented.

### 5.1 January and July Plots

The figures presented in the following pages are as follows. The zonal mean cross sections are first shown for $[\overline{u}], [\overline{v}]$, and $[\overline{\omega}]$ in Fig. 17 for January and Fig. 30 for July; $[\overline{T}], [\overline{v'T'}]$, and $[\overline{\omega'T'}]$ in Figs. 18 and 31; $[\overline{q}], [\overline{RH}]$, and $[\overline{v'q'}]$ in Figs. 19 and 32; $[\overline{\omega'q'}], [\overline{u'v'}]$, and $[\frac{1}{2}(\overline{u'^2}+\overline{v'^2})]$ in Figs. 20 and 33; $[s(u)], [s(v)]$, and $[s(\omega)]$ in Figs. 21 and 34; $[s(T)], [s(z)]$, and $[s(q)]$ in Figs. 22 and 35; and $[\overline{u}^*\overline{v}^*], [\overline{v}^*\overline{T}^*]$, and $[\overline{v}^*\overline{q}^*]$ in Figs. 23 and 36.

Maps of fields at selected individual levels are then shown for $\overline{u}$ at 200 mb, $\overline{T}$ at 850 mb, and $\overline{q}$ at 850 mb in Fig. 24 for January and Fig. 37 for July; $\overline{z}$ at 1000 mb and 200 mb, and $\overline{P}_s$ in Figs. 25 and 38; $\overline{RH}$ at 850 mb, $\overline{T}^*$ at 850 mb, and $\overline{z}^*$ at 500 mb in Figs. 26 and 39; $s(v)$ at 200 mb, $s(\omega)$ at 500 mb, and $s(z)$ at 500 mb in Figs. 27 and 40; $\overline{v'T'}$ at 850 mb, $\overline{u'v'}$ at 200mb, $\overline{\omega'q'}$ at 850 mb in Figs. 28 and 41; and vector plots of $\mathbf{v}$ at 1000 mb and 200 mb, and $\overline{\mathbf{v}'T'}$ at 850 mb in Figs. 29 and 42.

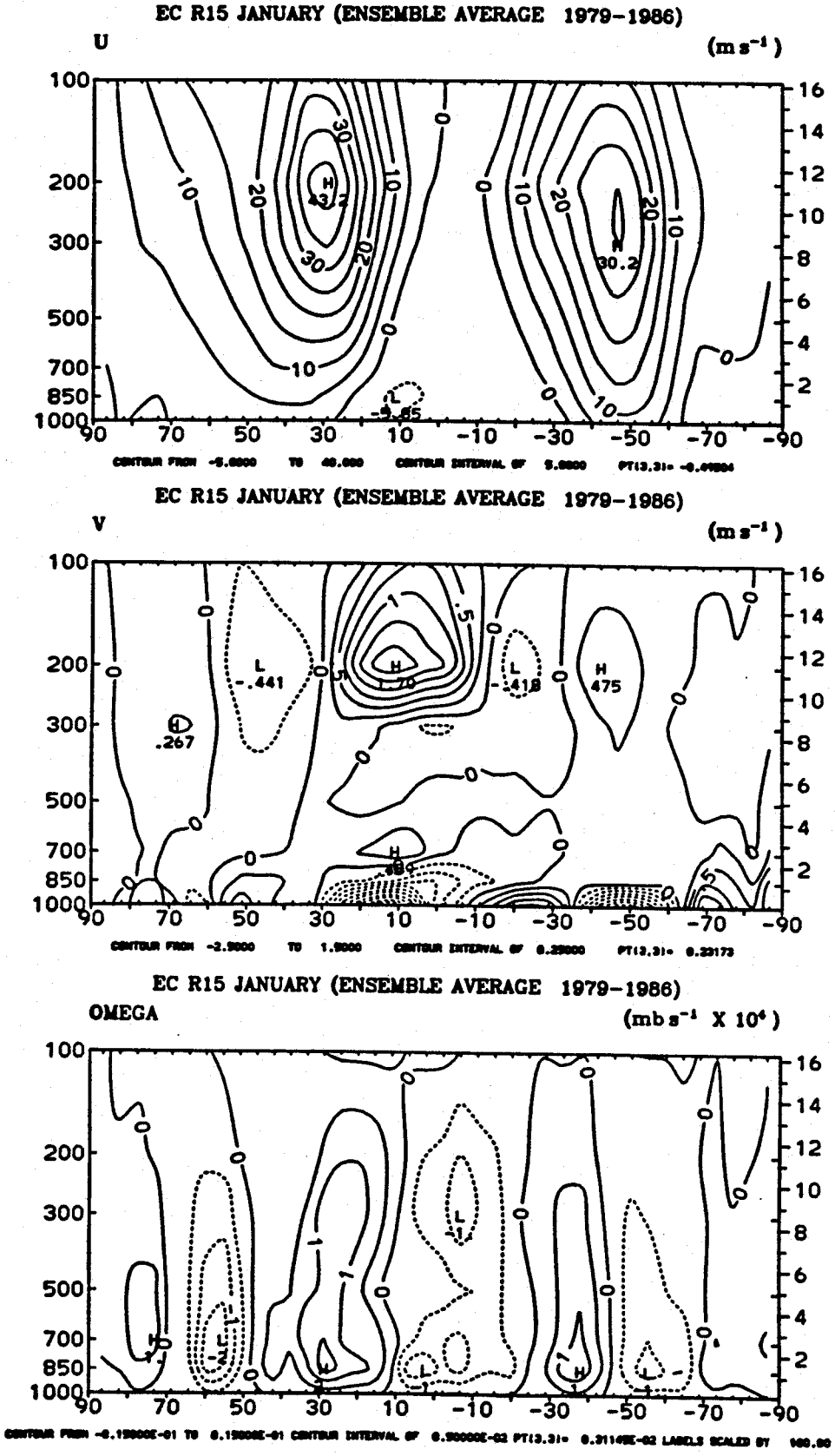



Fig. 17. $[\overline{u}]$, $[\overline{v}]$, and $[\overline{\omega}]$ for January.

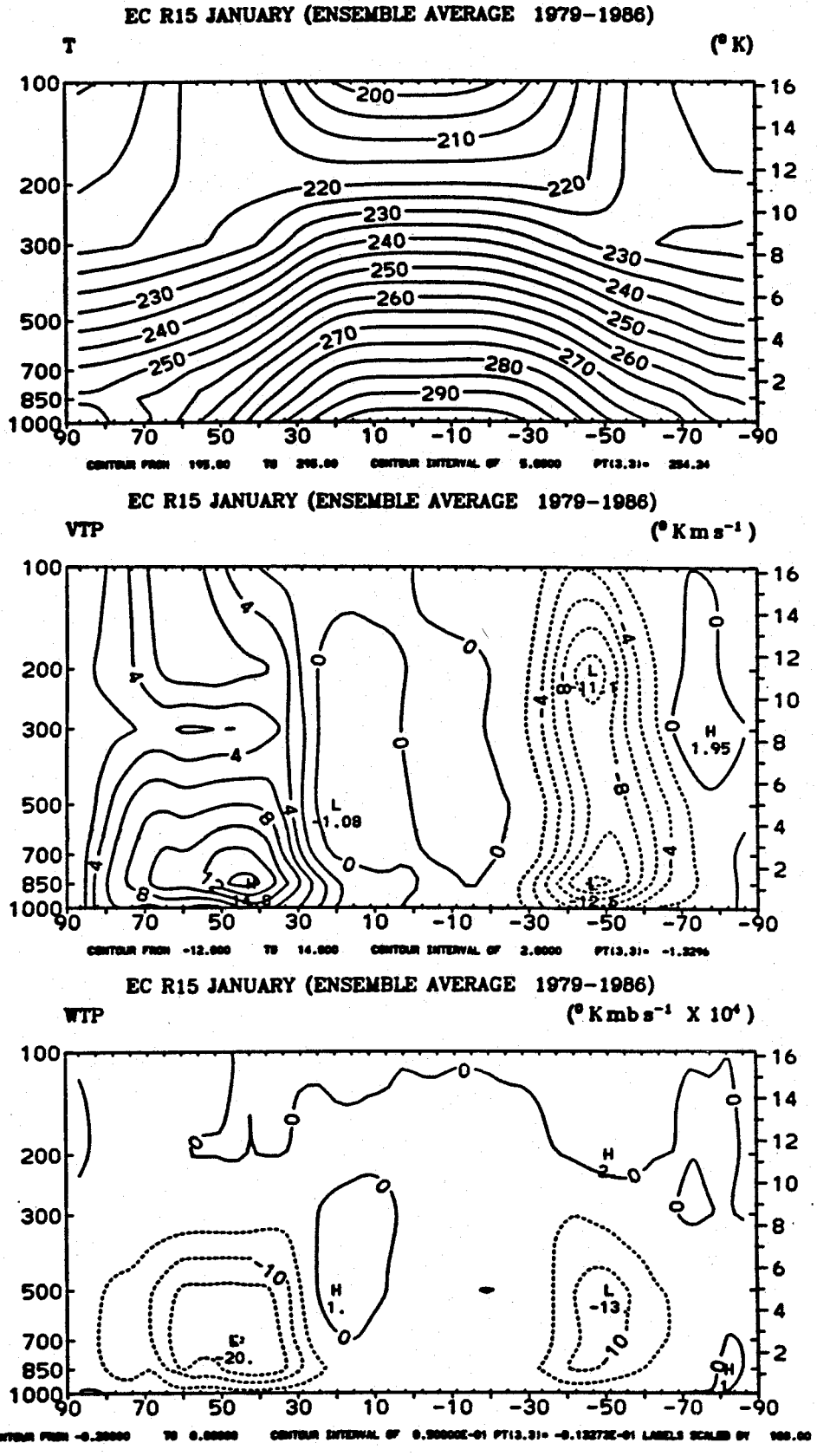



Fig. 18. $[\overline{T}]$, $[\overline{v'T'}]$, and $[\overline{\omega'T'}]$ for January.

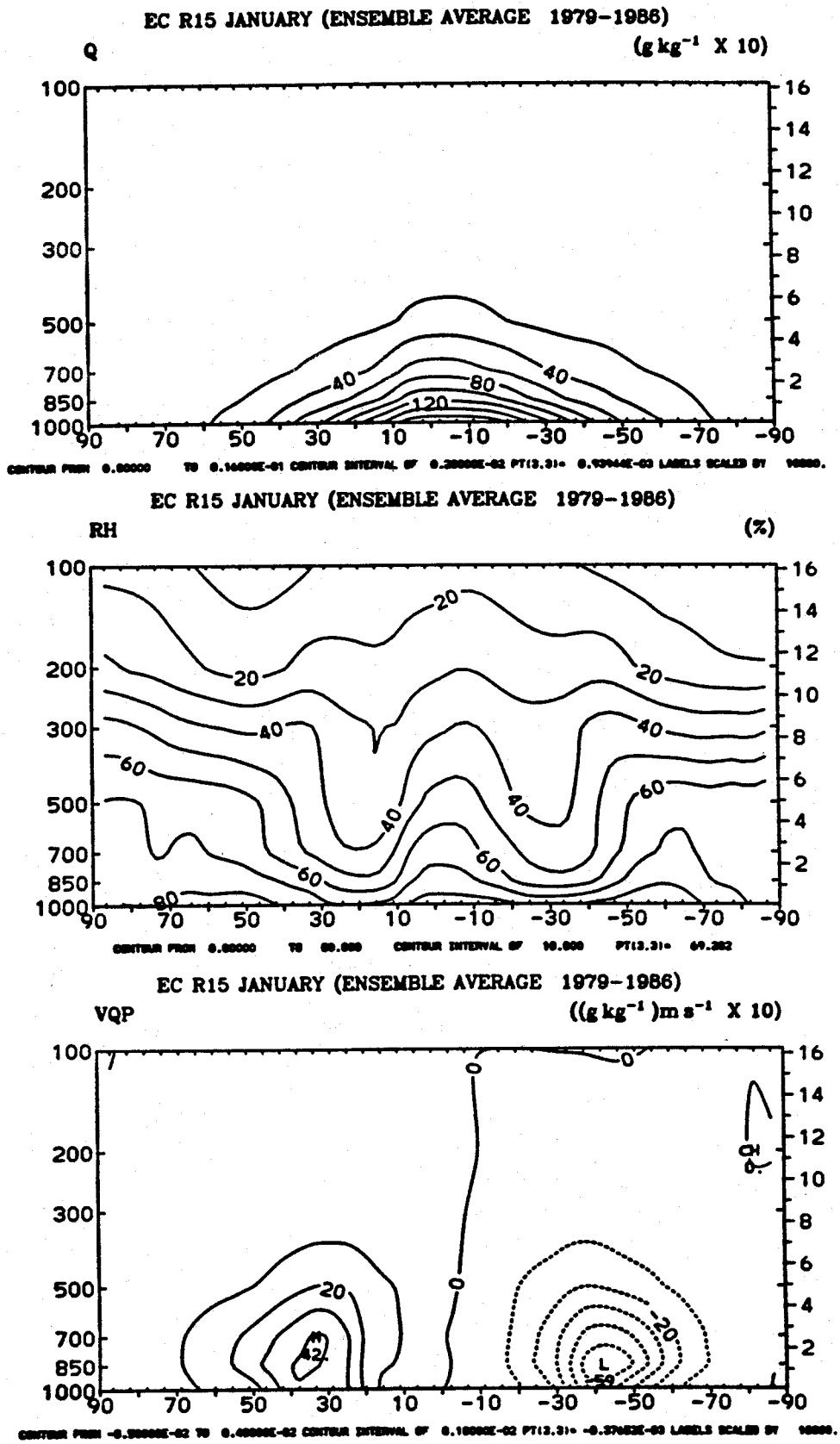



Fig. 19. $[\bar{q}]$, $[\overline{RH}]$, and $[\overline{v'q'}]$ for January.

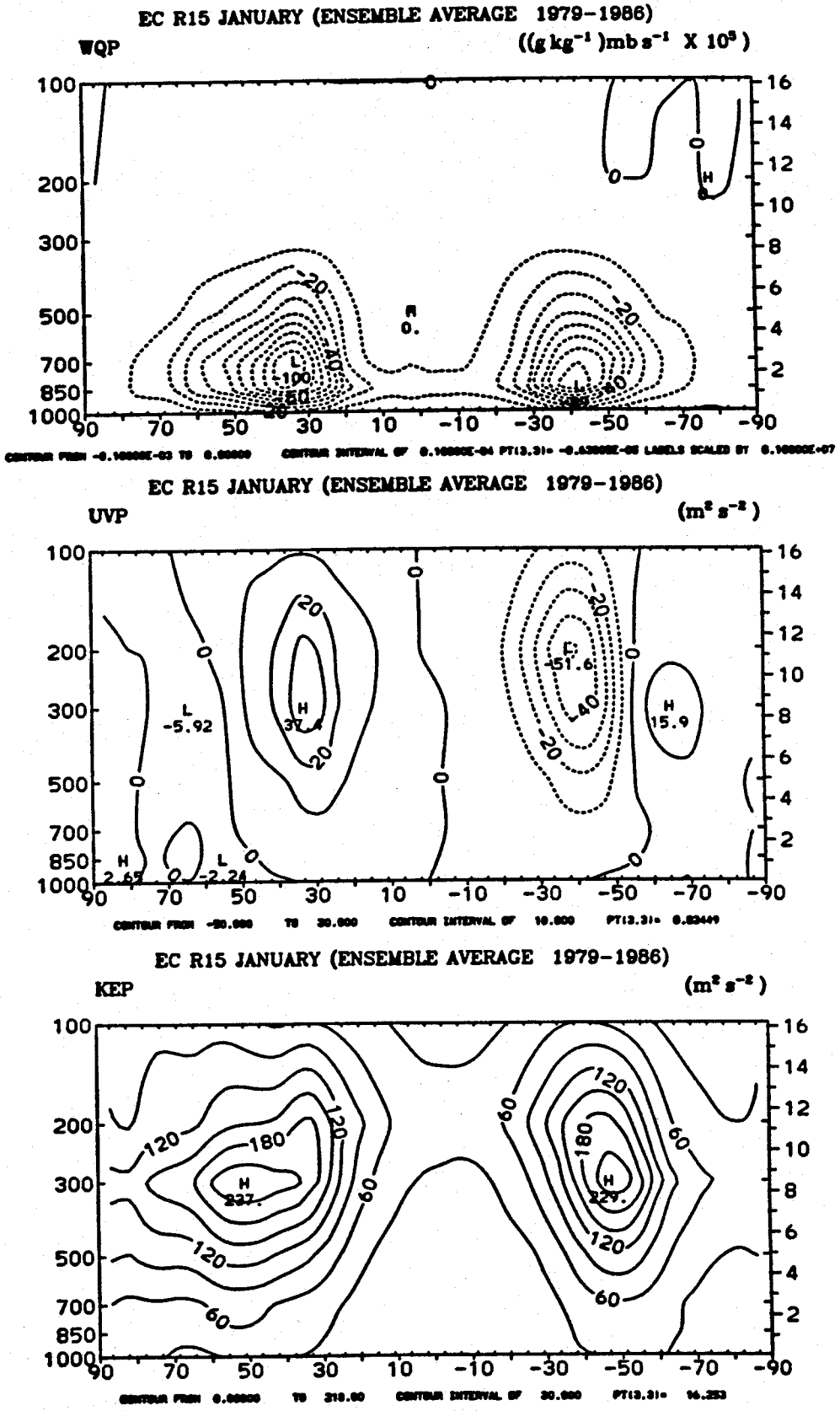



Fig. 20. $[\overline{\omega' q'}]$, $[\overline{u' v'}]$, and $[\frac{1}{2}(\overline{u'^2} + \overline{v'^2})]$ for January.

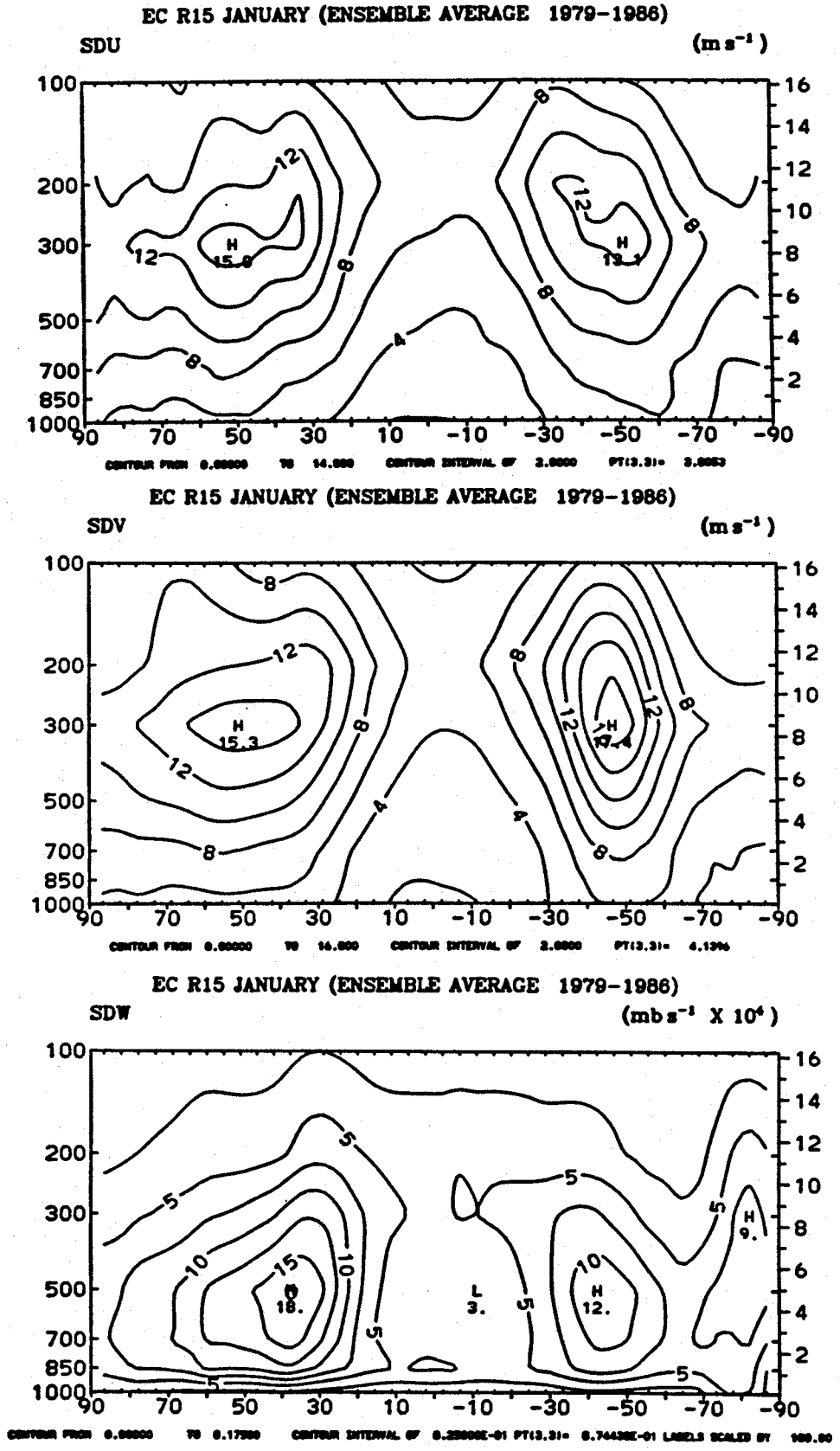



Fig. 21. $[s(u)], [s(v)]$, and $[s(\omega)]$ for January.

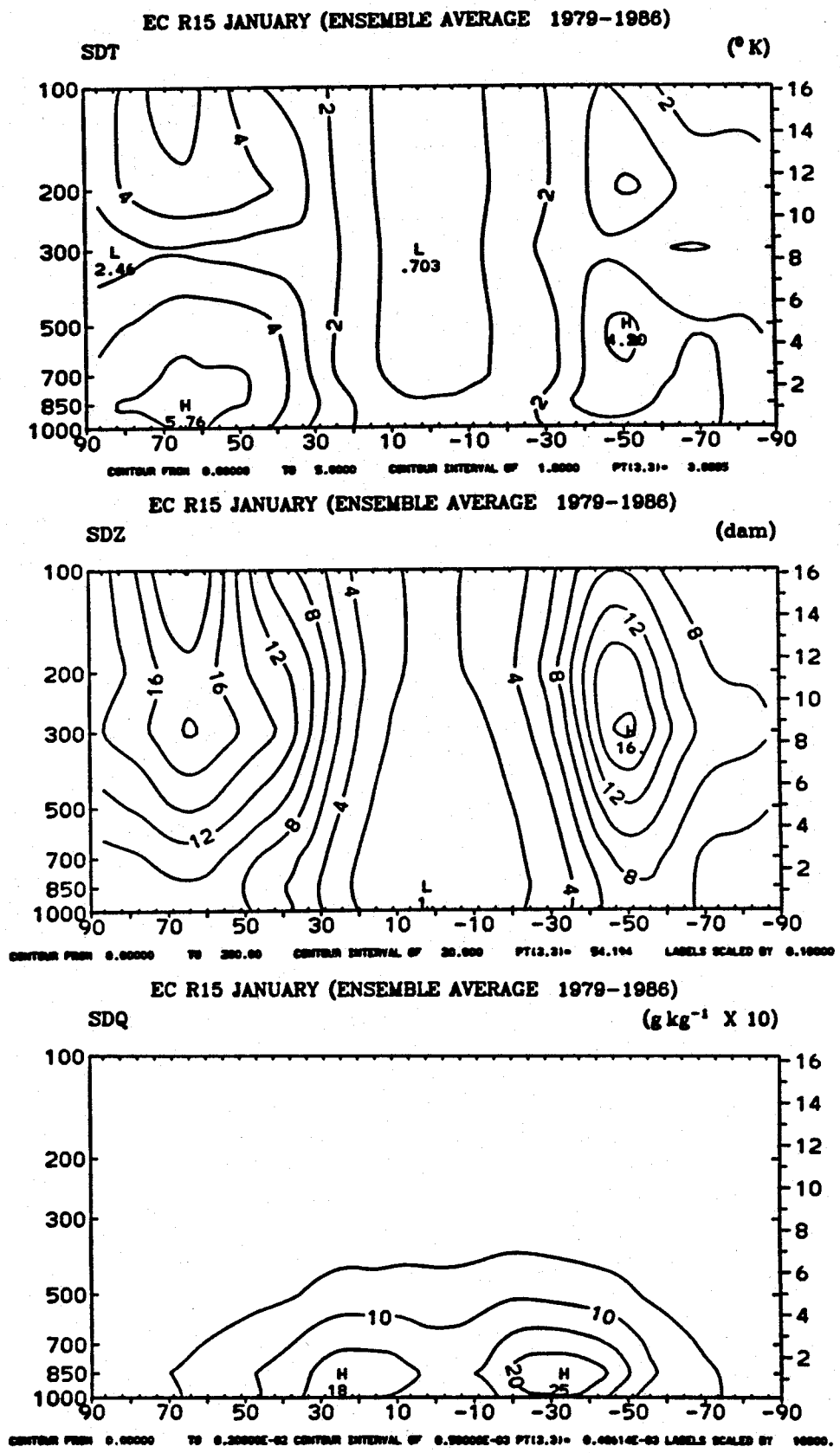



Fig. 22. $[s(T)]$, $[s(z)]$, and $[s(q)]$ for January.

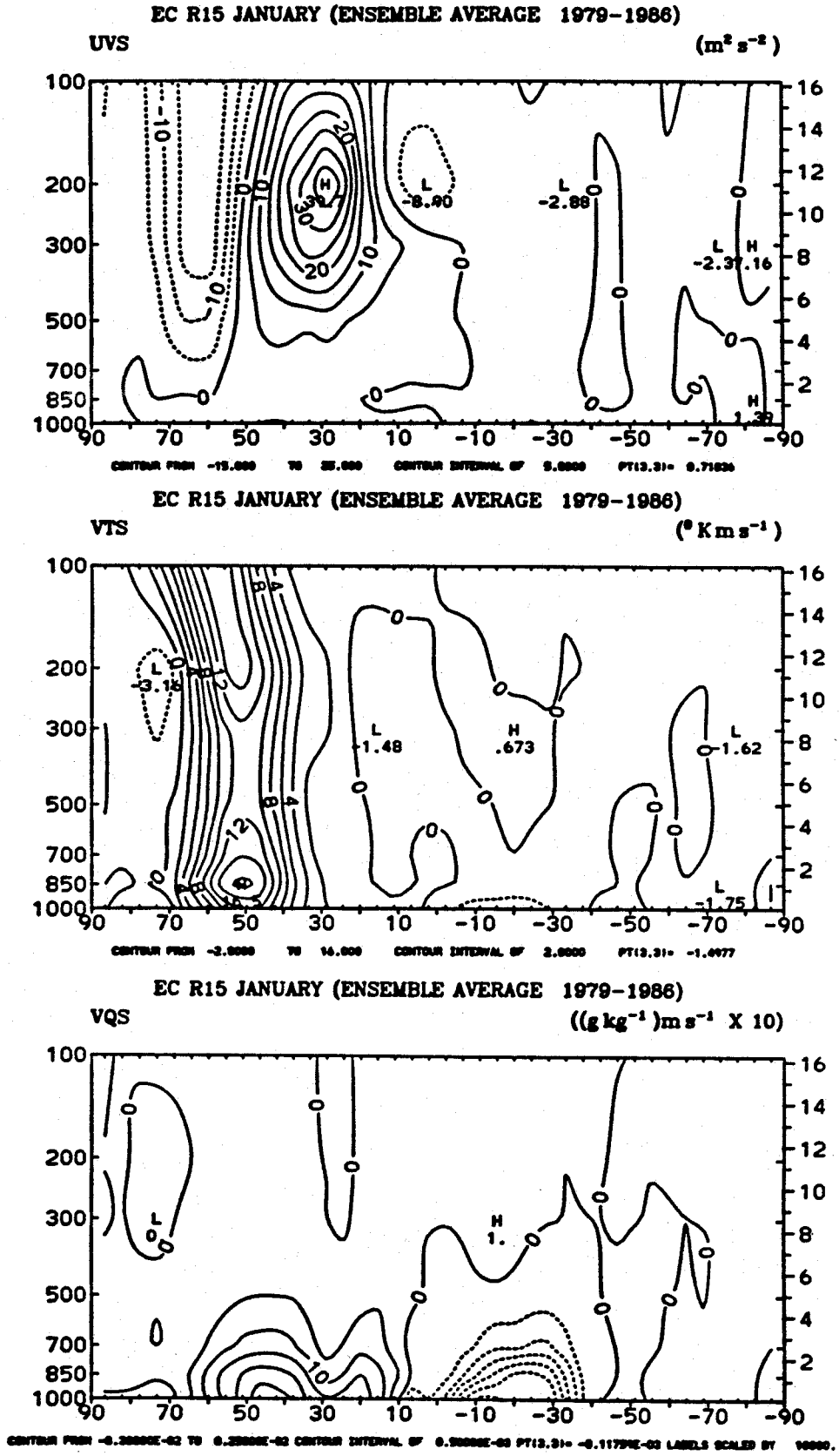



Fig. 23. $[\overline{u}^*\overline{v}^*]$, $[\overline{v}^*\overline{T}^*]$, and $[\overline{v}^*\overline{q}^*]$ for January.

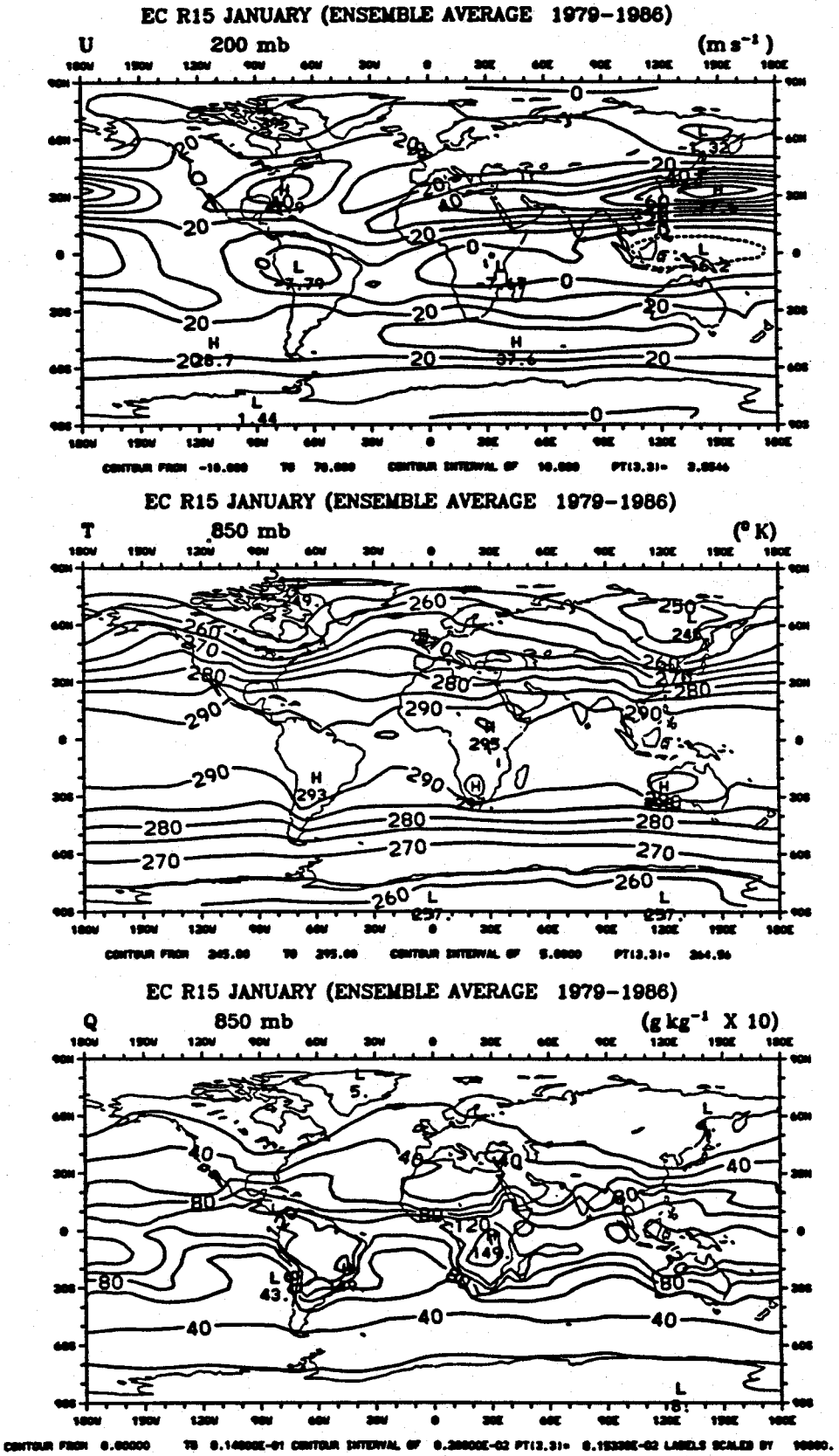



Fig. 24. $\bar{u}$ at 200 mb, $\overline{T}$ at 850 mb, and $\bar{q}$ at 850 mb for January.

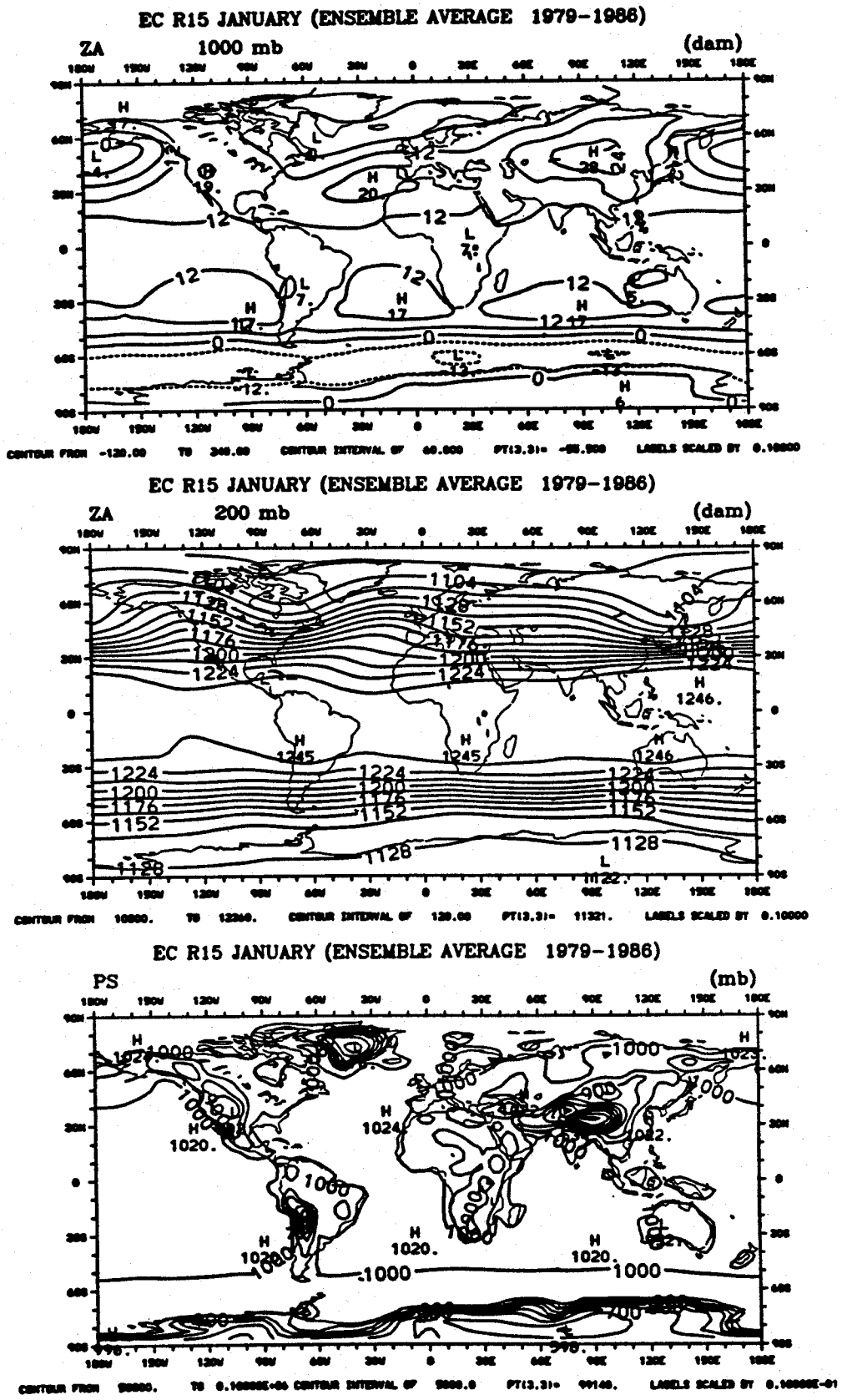



Fig. 25. $\overline{z}$ at 1000 mb, $\overline{z}$ at 200 mb, and $\overline{P}_s$ for January.

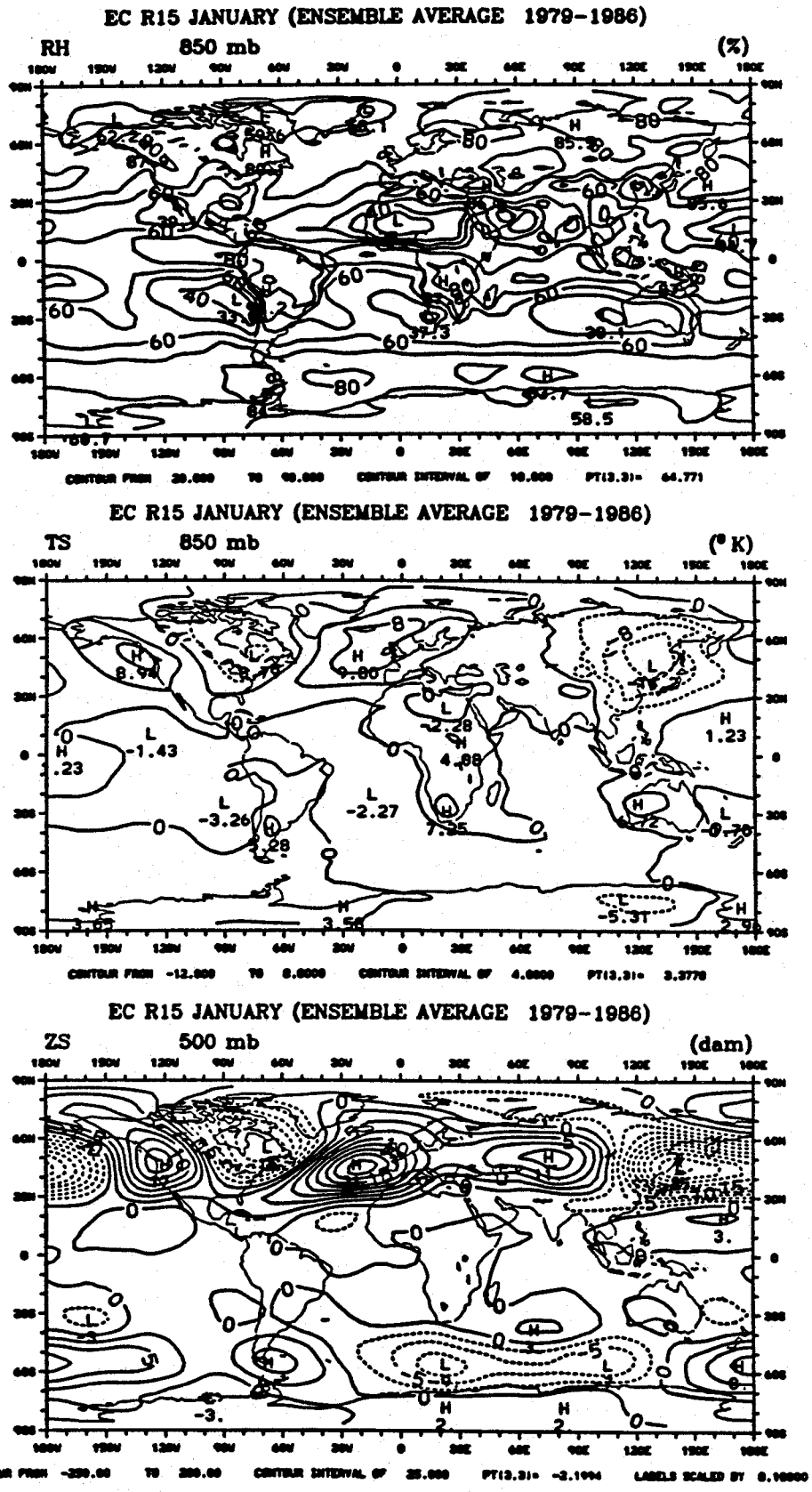



Fig. 26. $\overline{RH}$ at 850 mb, $\overline{T}^*$ at 850 mb, and $\overline{z}^*$ at 500 mb for January.

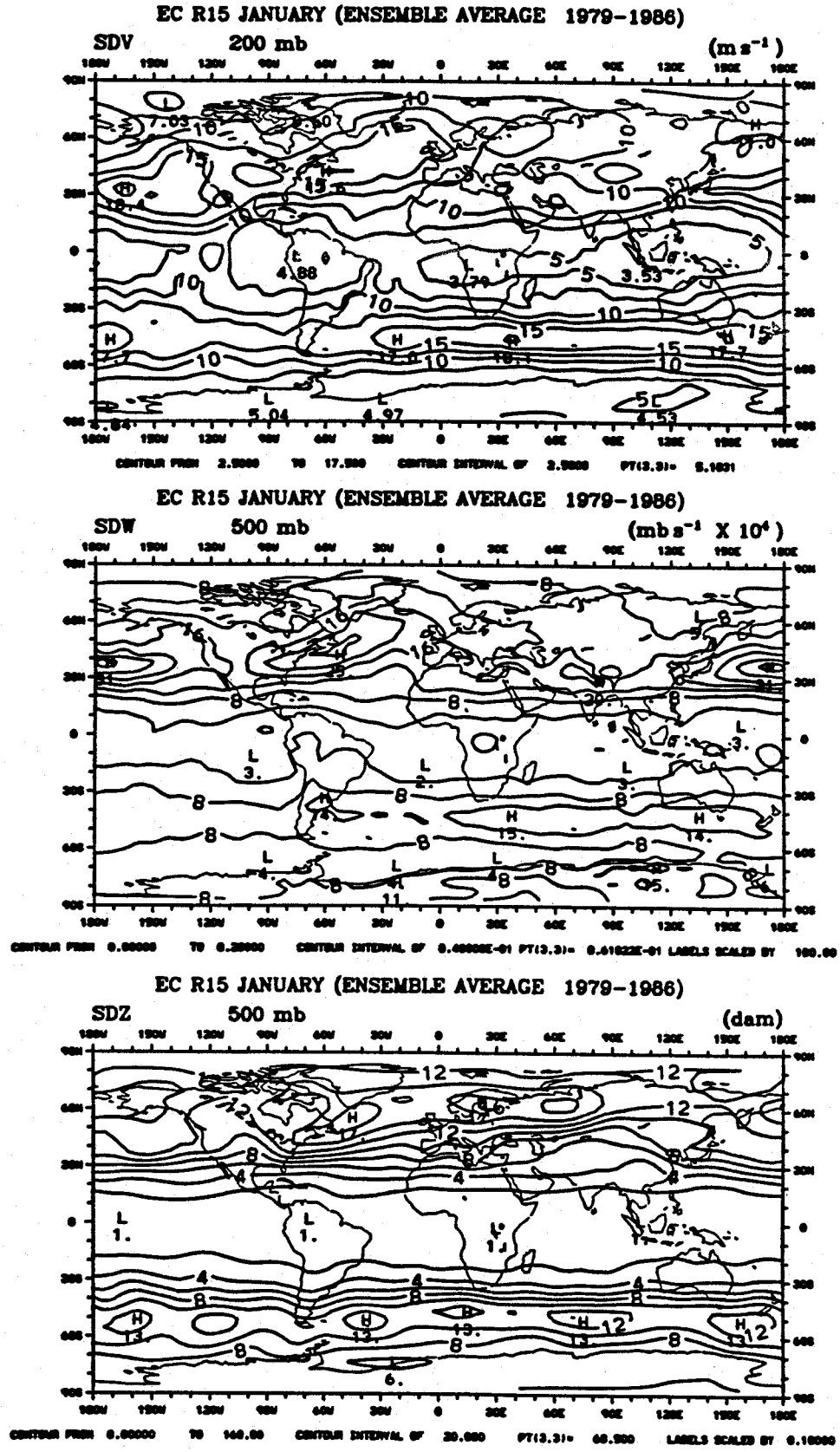



Fig. 27. $s(v)$ at 200 mb, $s(\omega)$ at 500 mb, and $s(z)$ at 500 mb for January.

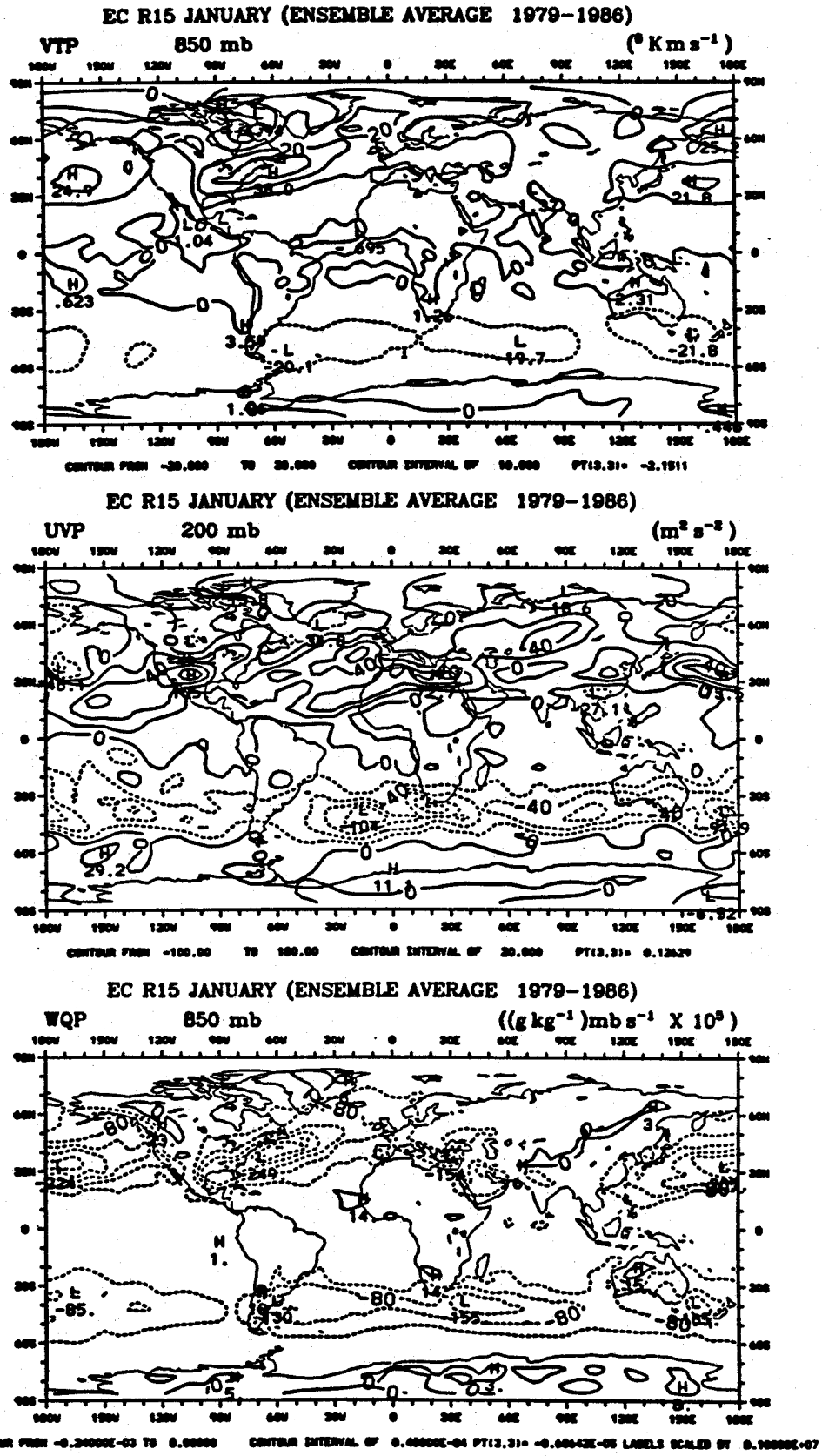



Fig. 28. $\overline{v'T'}$ at 850 mb, $\overline{u'v'}$ at 200mb, $\overline{\omega'q'}$ at 850 mb for January.

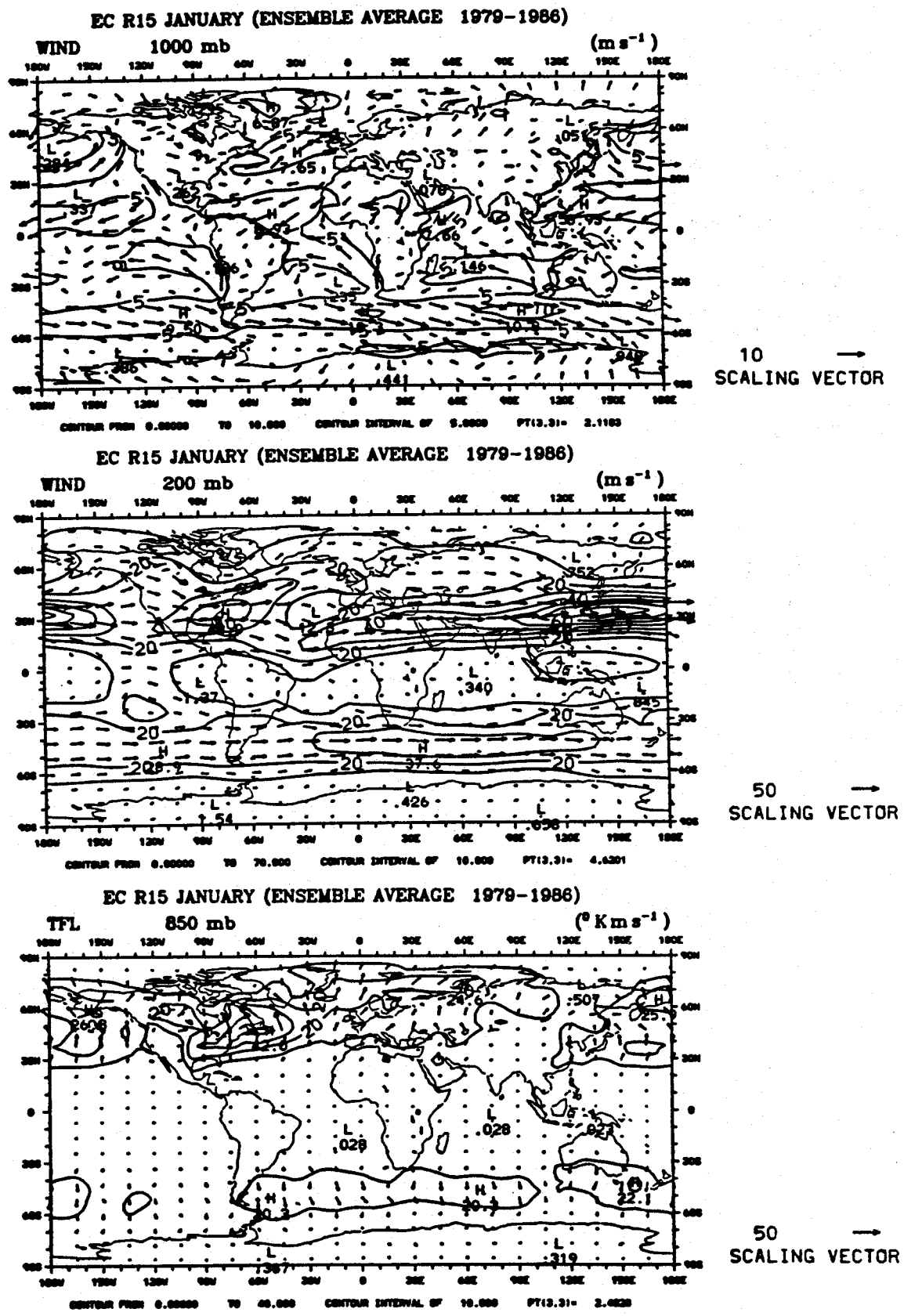



Fig. 29. Vector plots of v at 1000 mb and 200 mb, and $\overline{v'T'}$ at 850 mb for January.

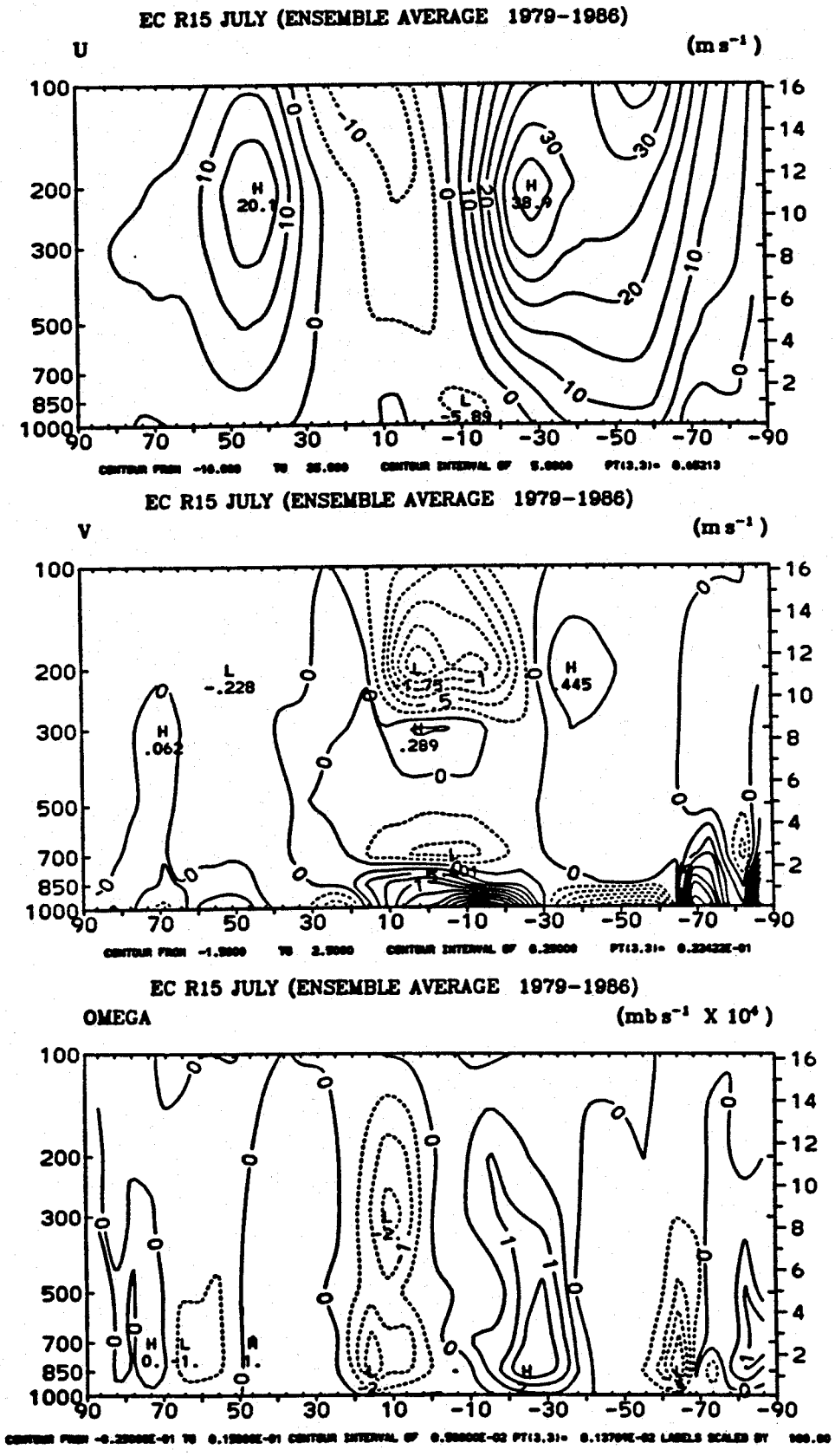



Fig. 30. $[\overline{u}]$, $[\overline{v}]$, and $[\overline{\omega}]$ for July.

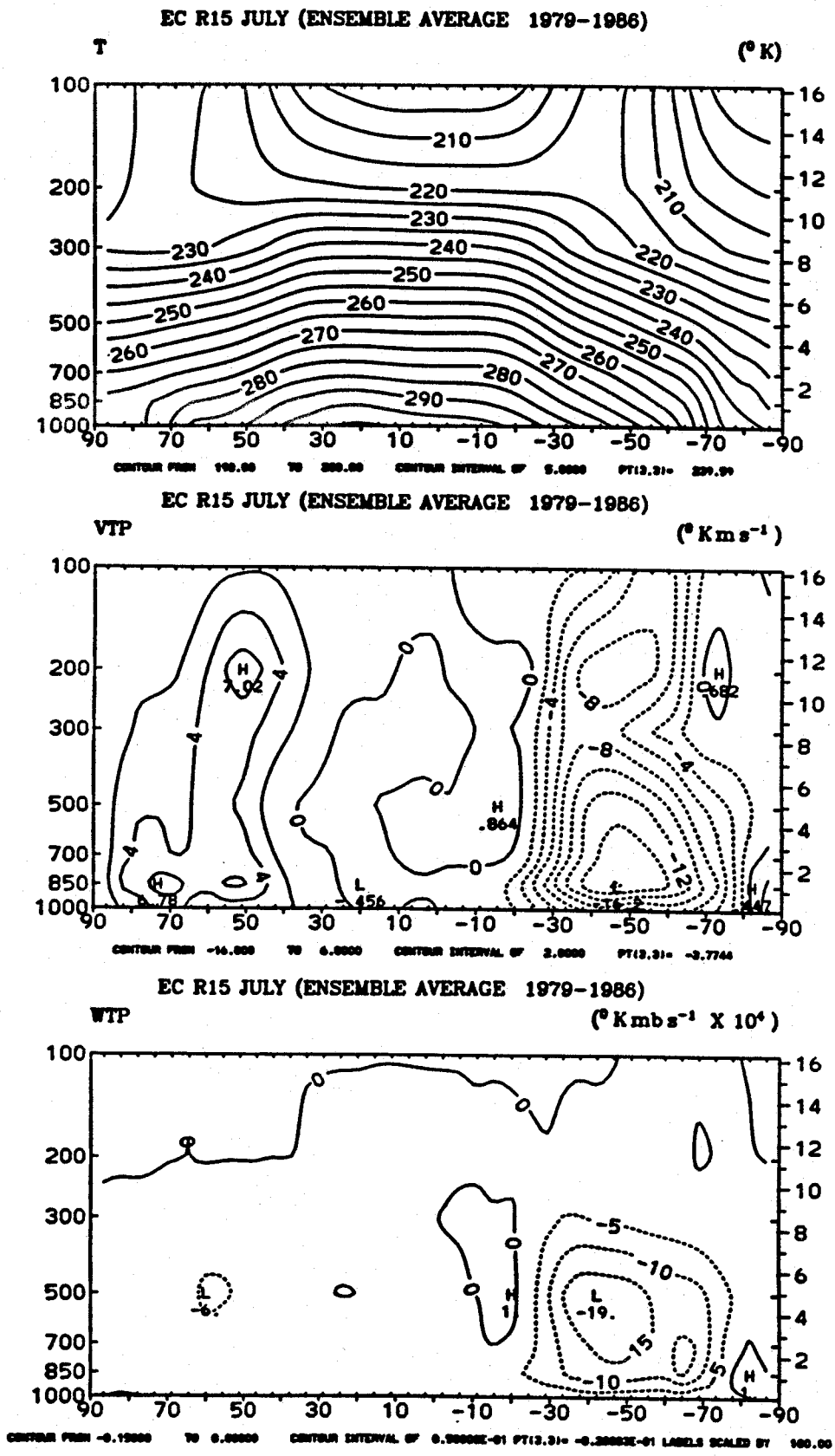



Fig. 31. $[\overline{T}]$, $[\overline{v'T'}]$, and $[\overline{\omega'T'}]$ for July.

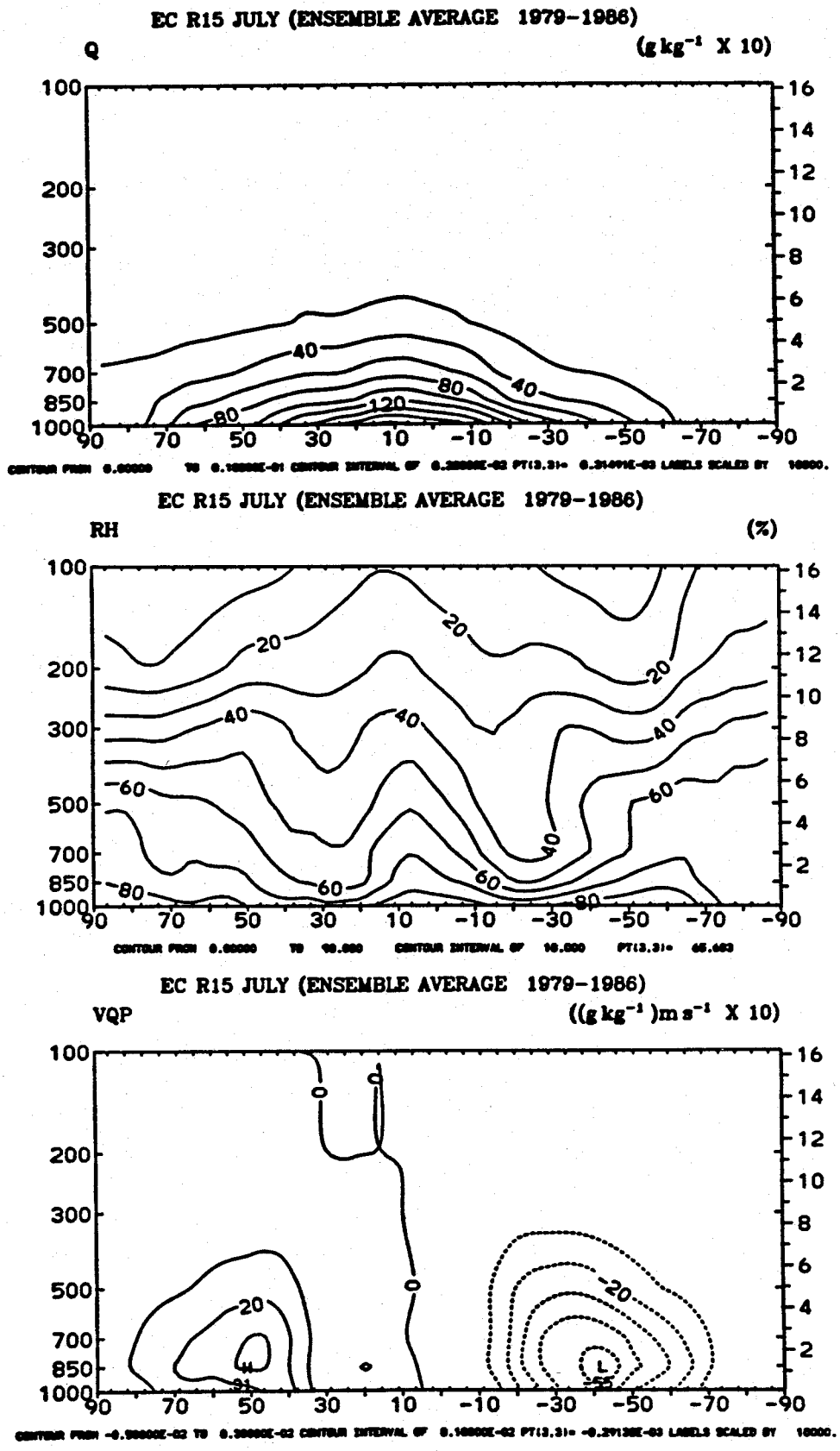



Fig. 32. $[\overline{q}]$, $[\overline{RH}]$, and $[\overline{v'q'}]$ for July.

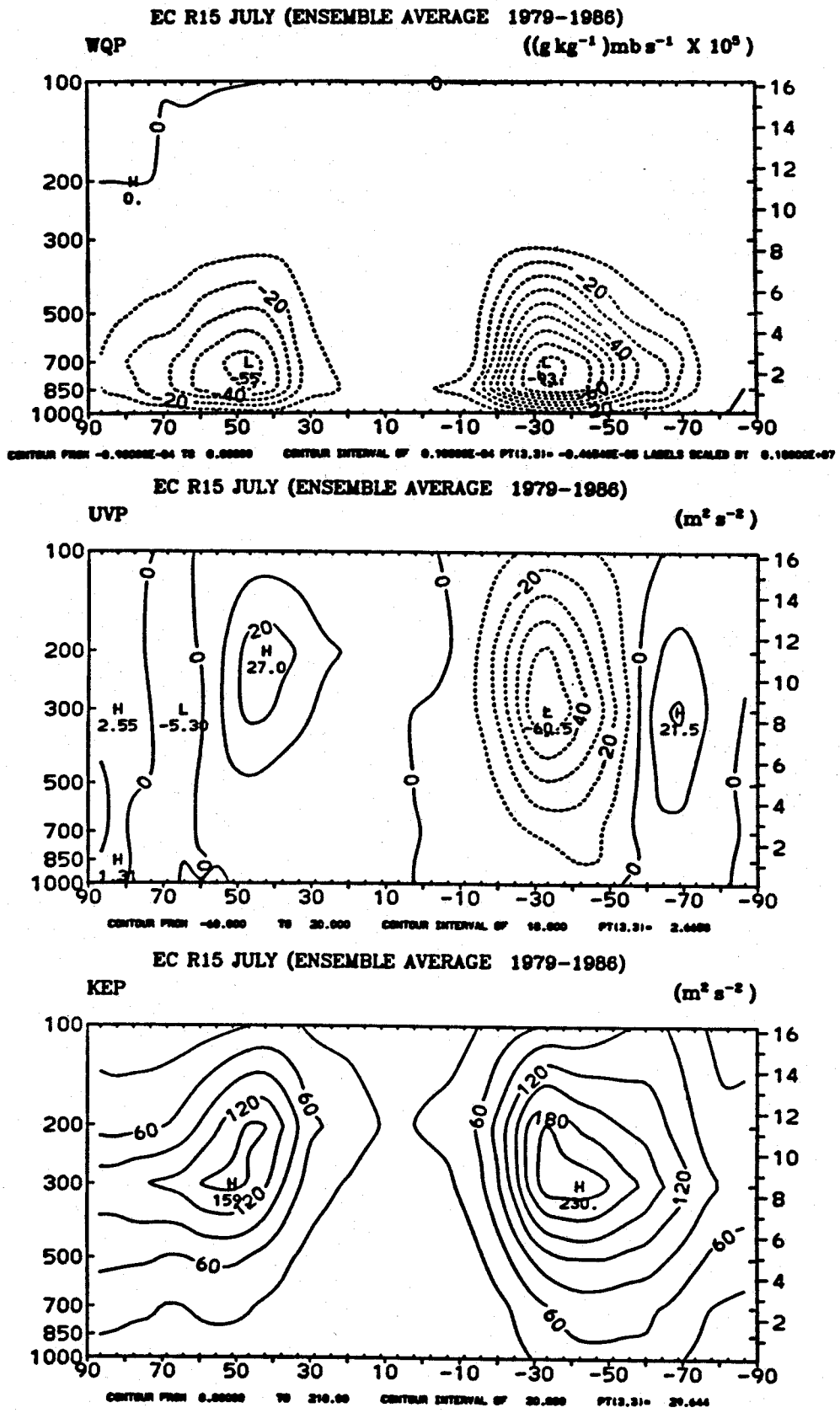



Fig. 33. $[\overline{\omega' q'}]$, $[\overline{u' v'}]$, and $[\frac{1}{2}(\overline{u'^2} + \overline{v'^2})]$ for July.

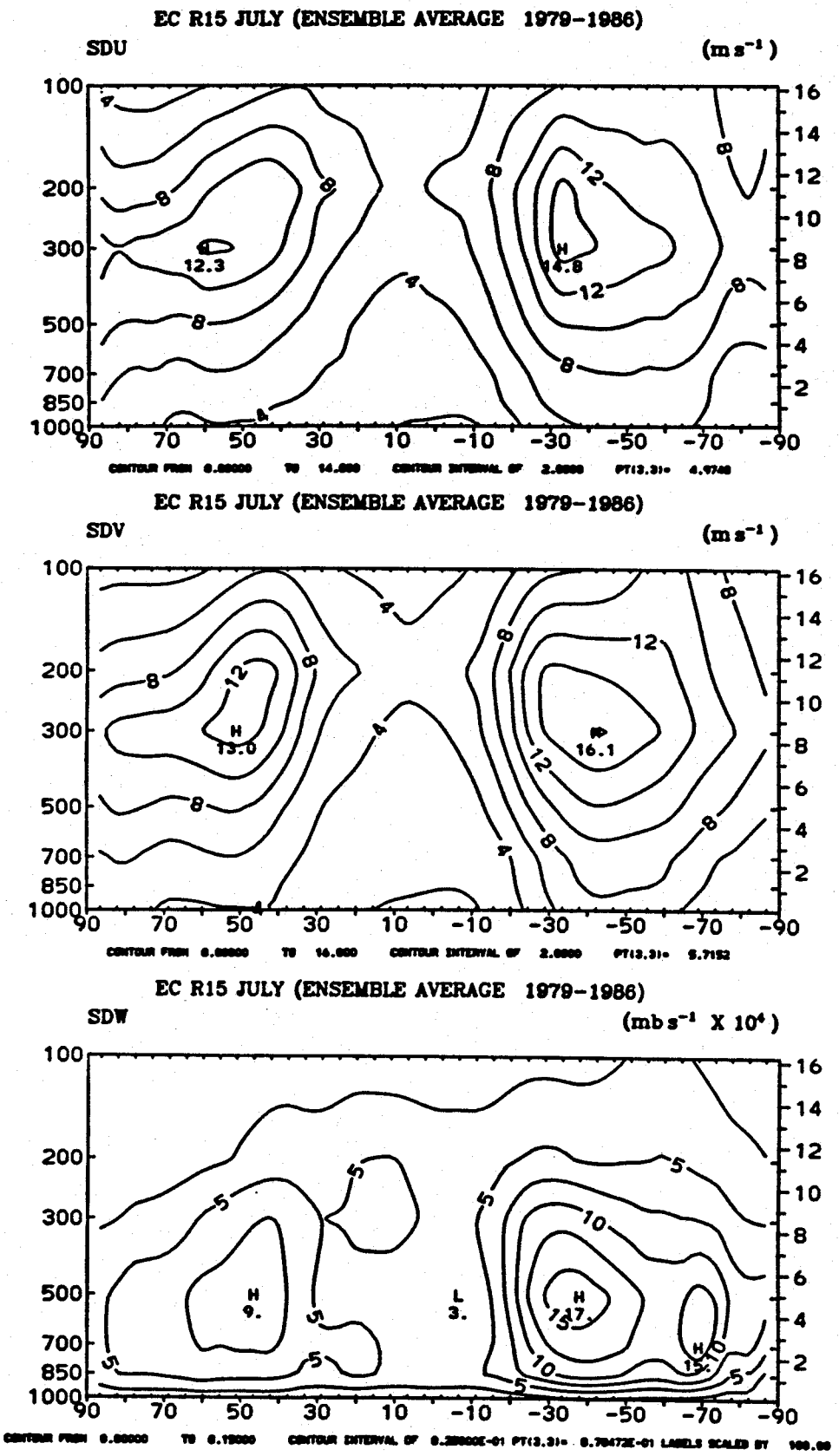



Fig. 34. $[s(u)]$, $[s(v)]$, and $[s(\omega)]$ for July.

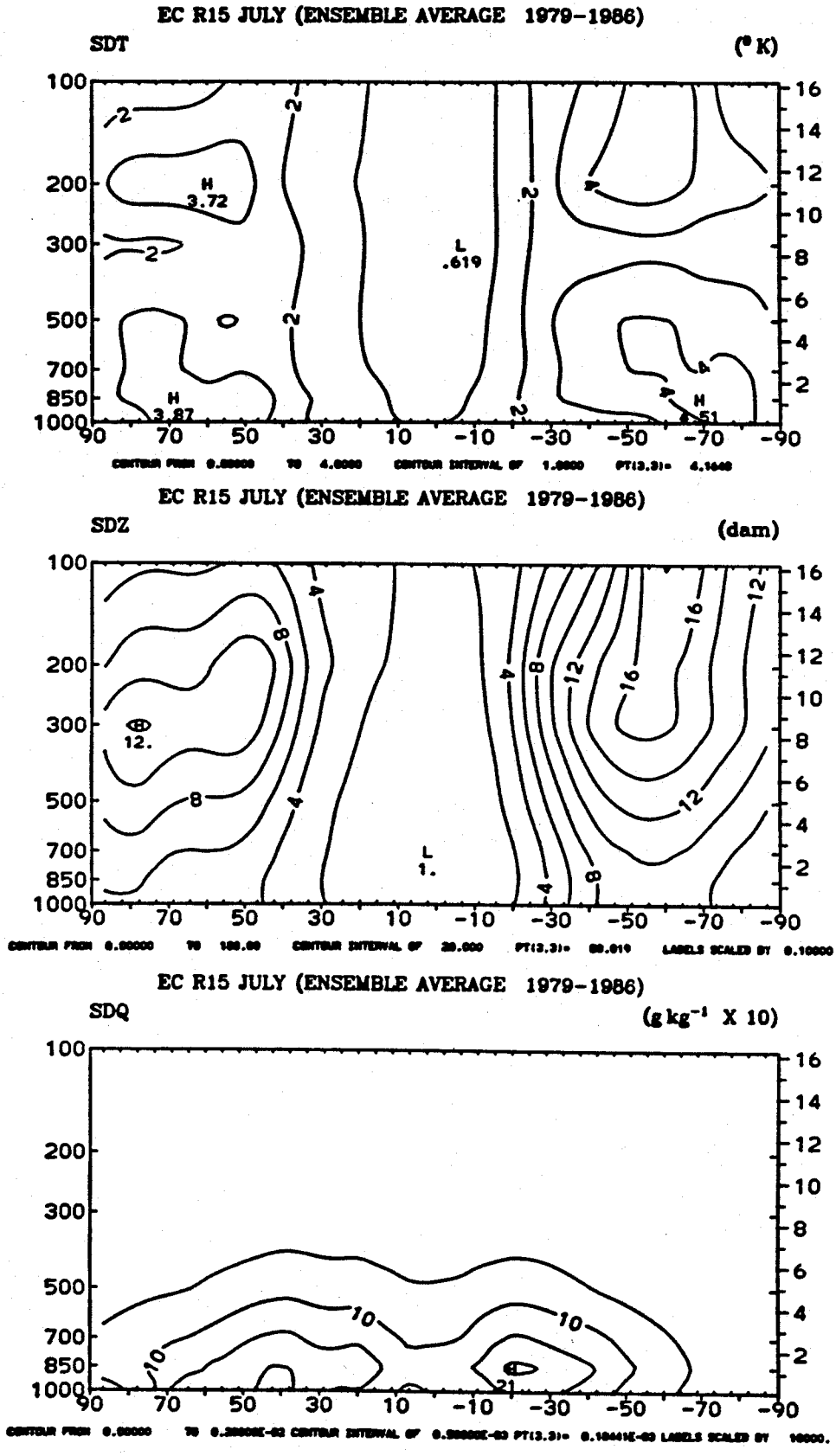



Fig. 35. $[s(T)]$, $[s(z)]$, and $[s(q)]$ for July.

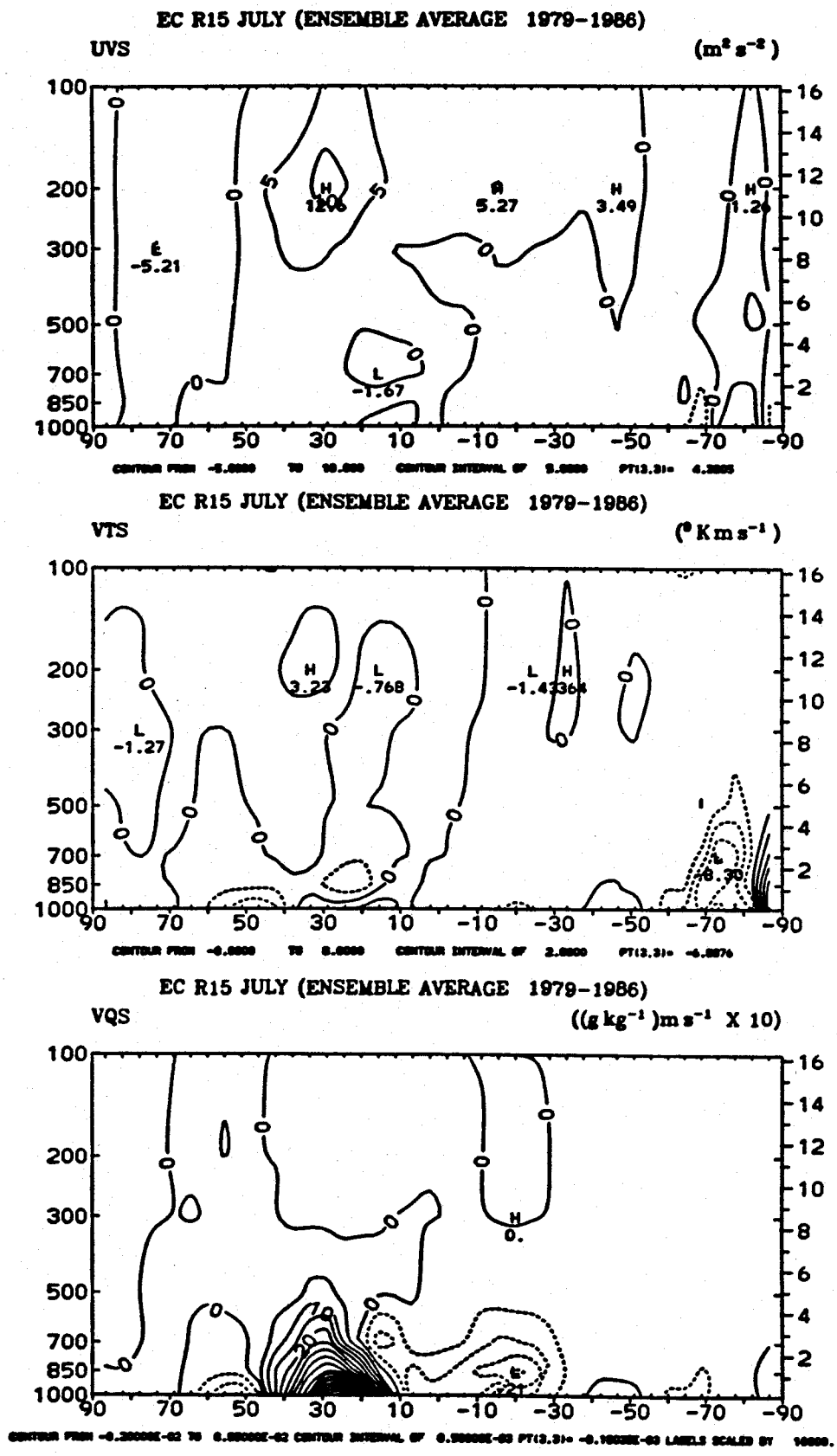



Fig. 36. $[\overline{u}^*\overline{v}^*]$, $[\overline{v}^*\overline{T}^*]$, and $[\overline{v}^*\overline{q}^*]$ for July.

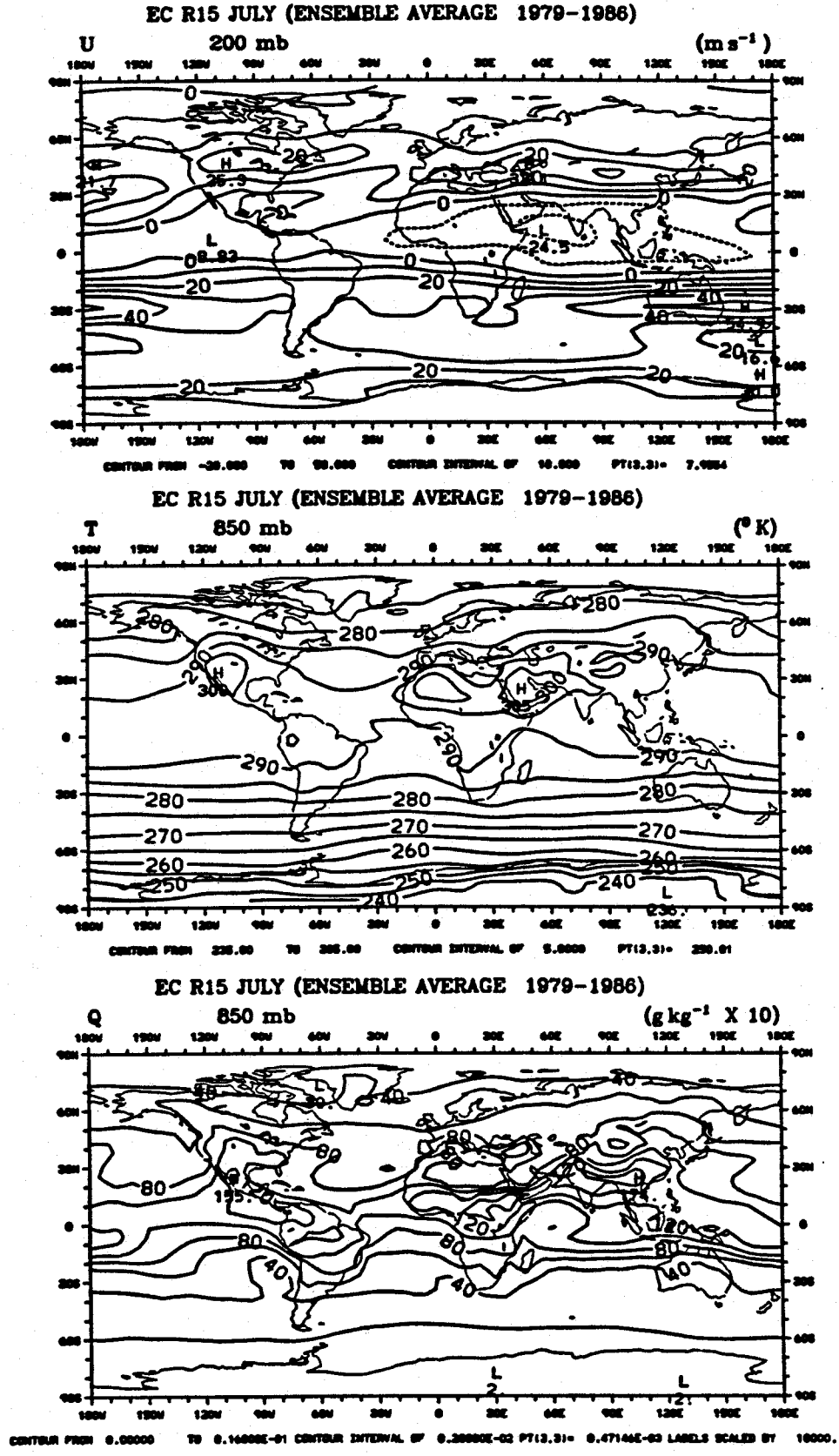



Fig. 37. $\overline{u}$ at 200 mb, $\overline{T}$ at 850 mb, and $\overline{q}$ at 850 mb for July.

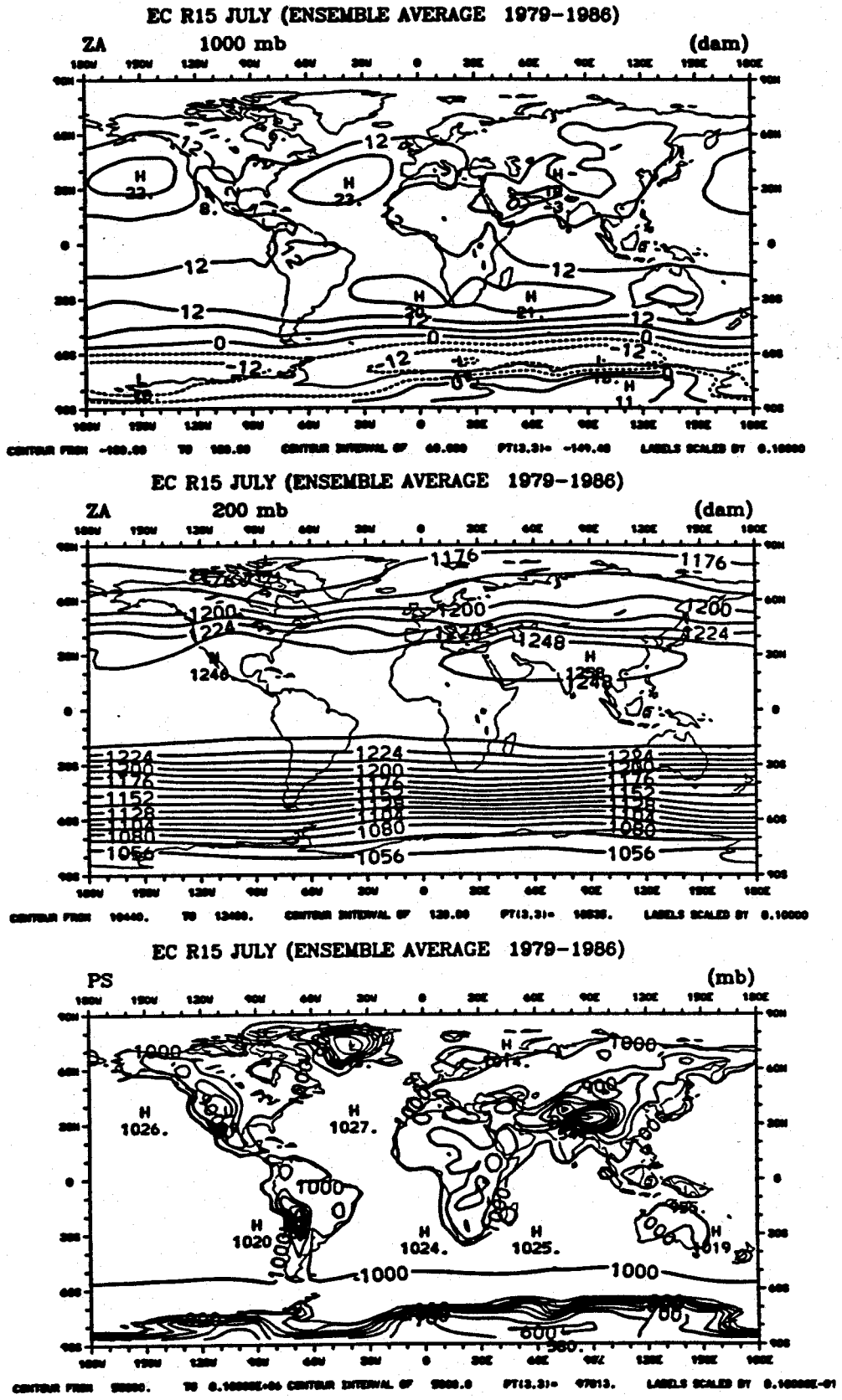



Fig. 38. $\bar{z}$ at 1000 mb and at 200 mb, and $\overline{P}_s$ for July.

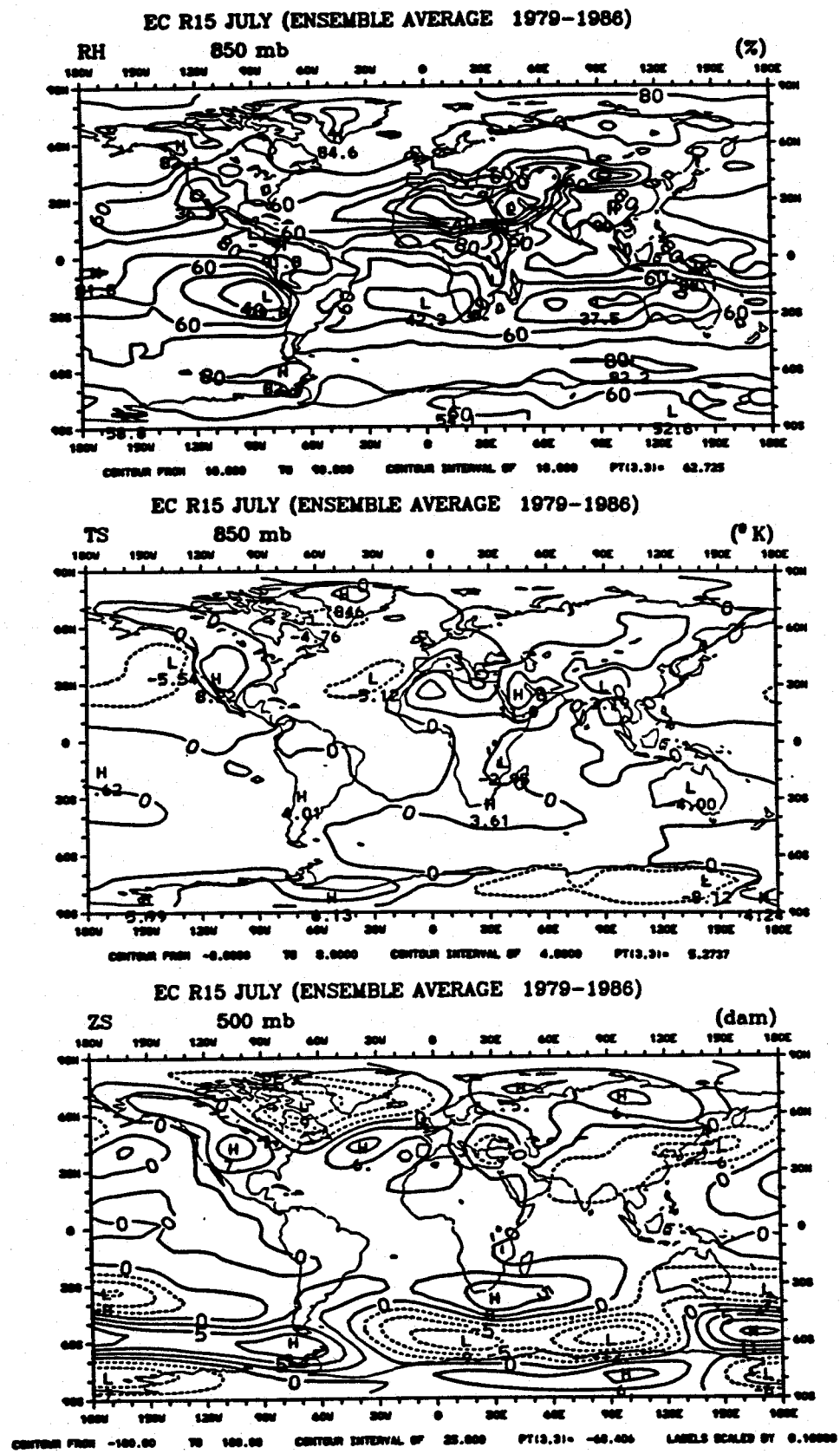



Fig. 39. $\overline{RH}$ at 850 mb, $\overline{T}^*$ at 850 mb, and $\overline{z}^*$ at 500 mb for July.

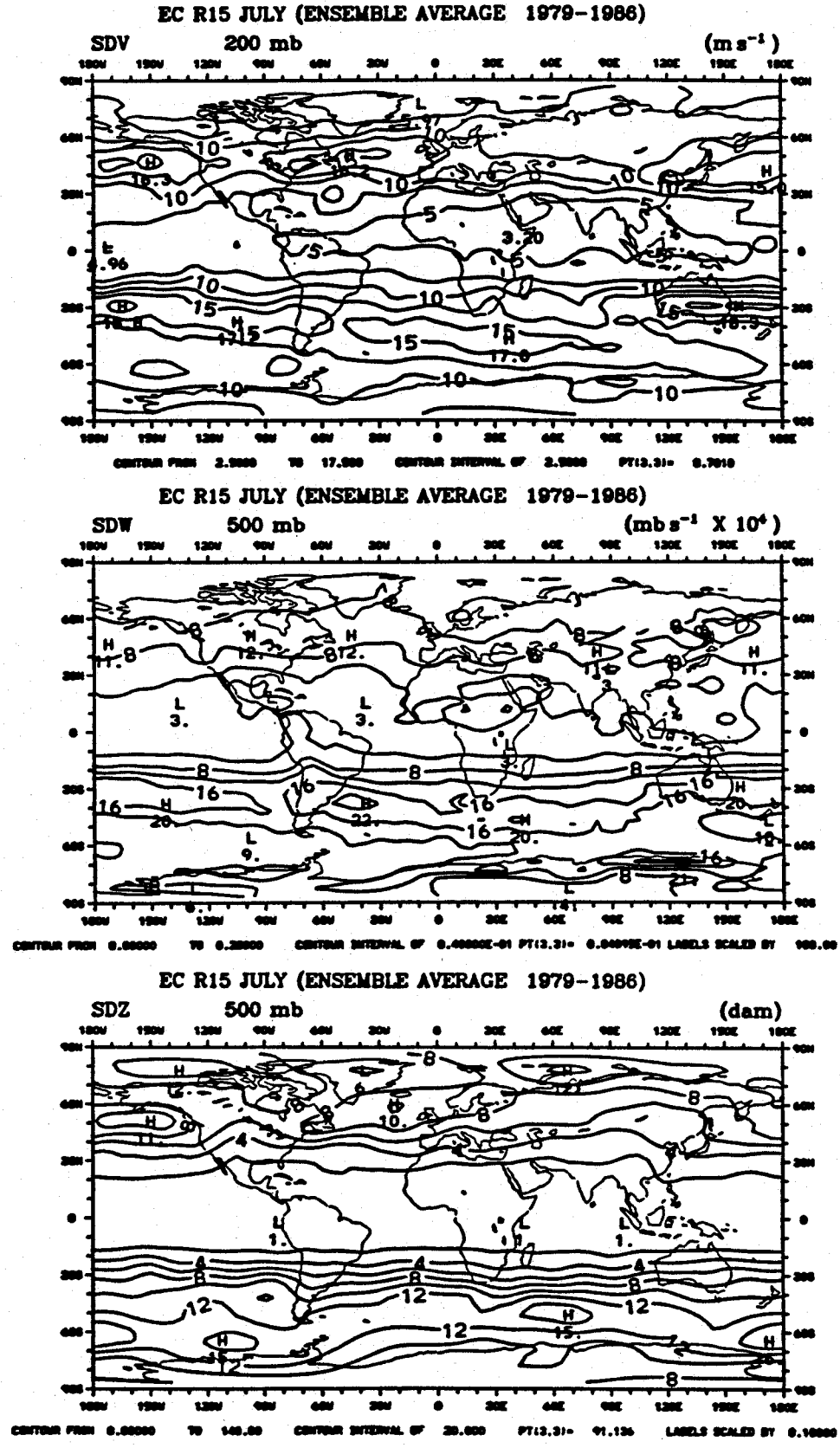



Fig. 40. $s(v)$ at 200 mb, $s(\omega)$ at 500 mb, and $s(z)$ at 500 mb for July.

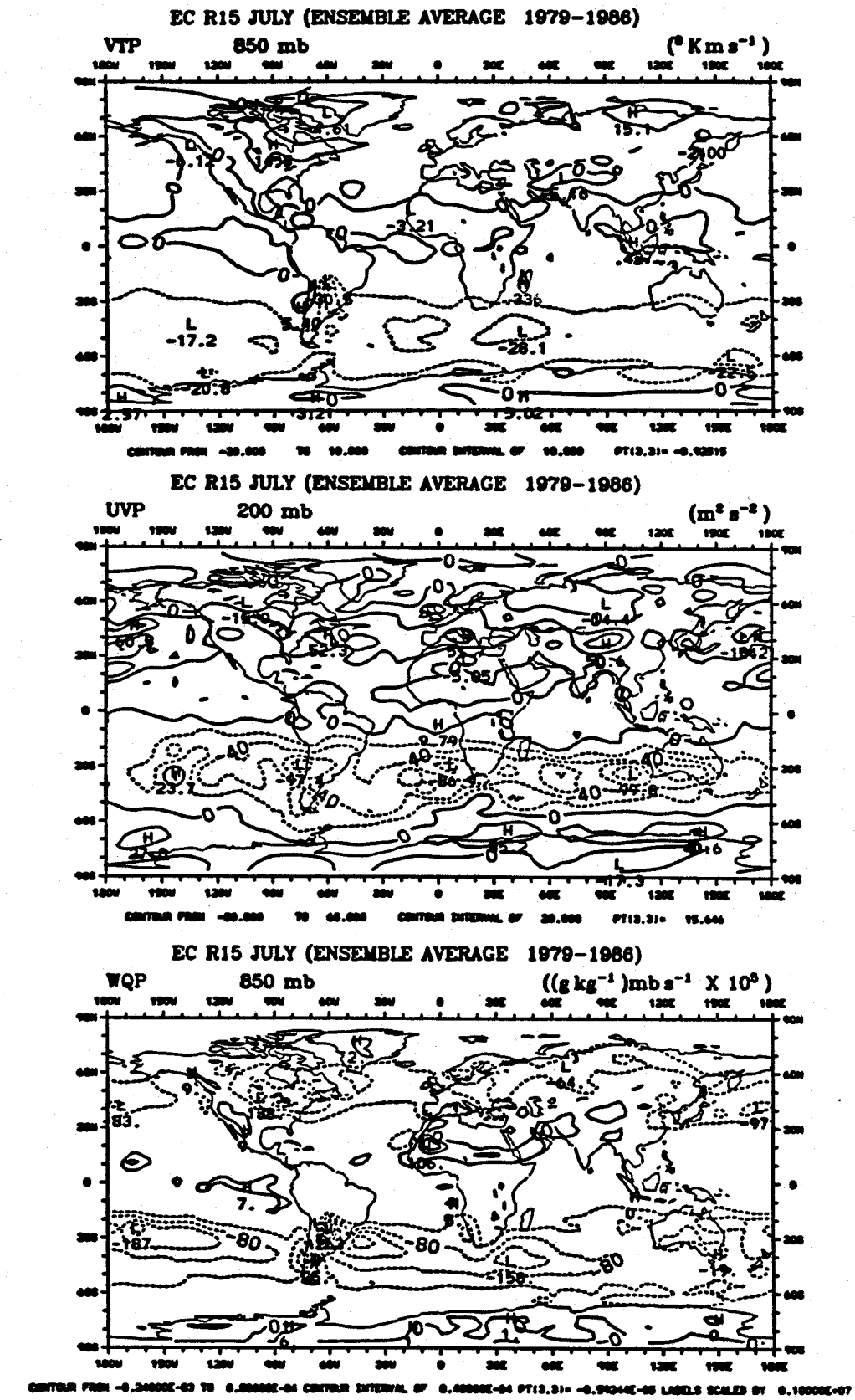



Fig. 41. $\overline{v'T'}$ at 850 mb, $\overline{u'v'}$ at 200mb, $\overline{\omega'q'}$ at 850 mb for July.

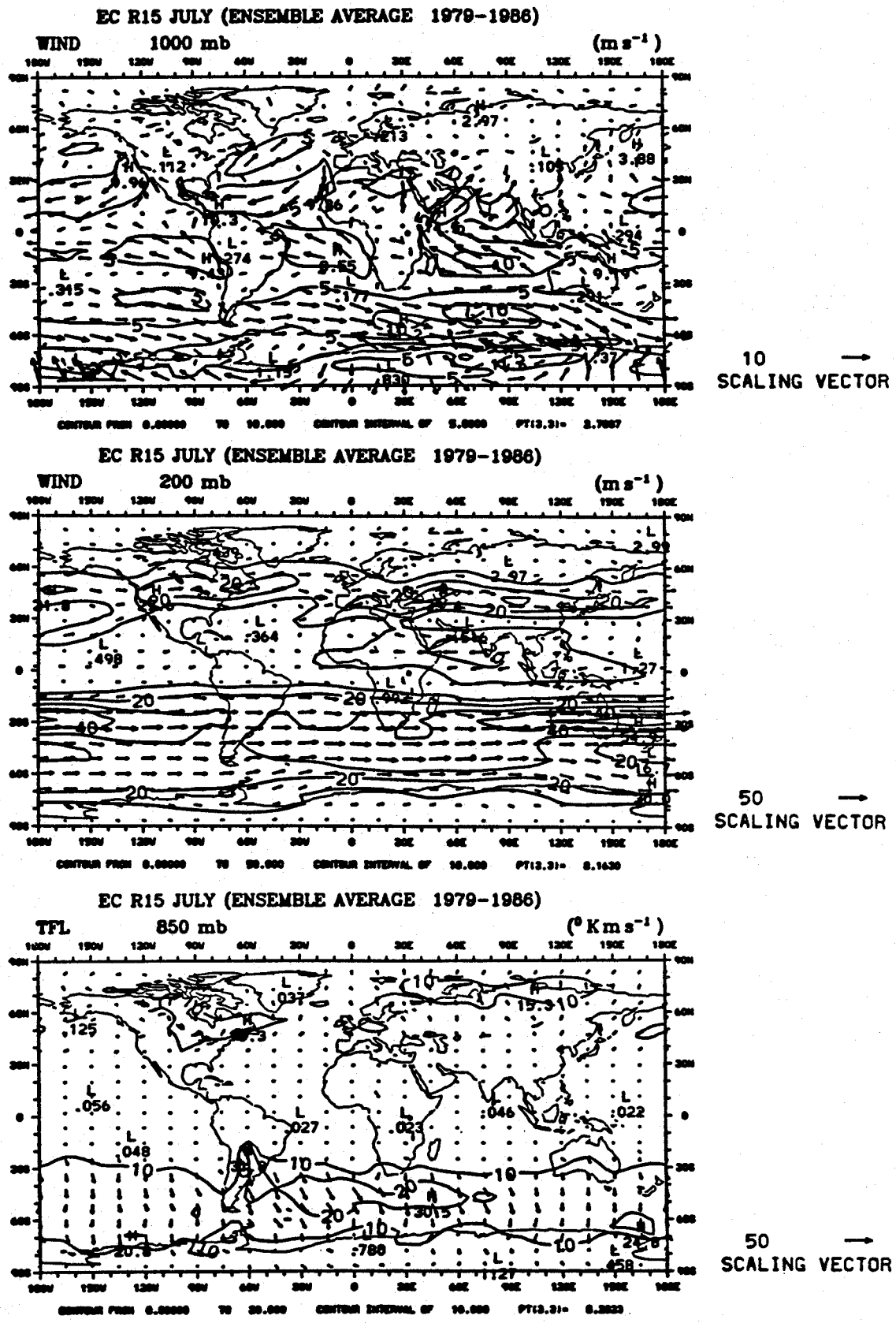



Fig. 42. Vector plots of v at 1000 mb and 200 mb, and $\overline{v'T'}$ at 850 mb for July.

# 6. Discussion and conclusions

We have summarized the known problems that exist in the ECMWF set of global analyses and the effects of changes in the operational system that produced the analyses. This was done here by carrying out a number of tests of the internal consistency of the data set and assembling information from other sources.

We have identified a few "bad" analyses in the ECMWF archive. These are days where something clearly went wrong in the operational analysis/forecast cycle as revealed in the internal consistency checks. At ECMWF such problems are infrequent and are limited to earlier years. We recommend that such days should be omitted from all compilations of climatological statistics or in other uses of the data set such as forecasting experiments.

This note further documents the many changes over the years in the operational numerical weather prediction model and data assimilation system at ECMWF used to produce the global analyses. Many of the changes had a substantial impact on the analyses and have resulted in either spurious trends or discontinuities in several quantities. At ECMWF the main quantities so affected are the divergent wind component and associated vertical motion fields, and the moisture fields.

Another method for revealing biases in the data set is to carry out a comparison between the NMC and ECMWF global fields. Such a comparison is reported in Trenberth and Olson (1988b). However, large discontinuities in time have also occurred at NMC (Trenberth and Olson, 1988a) so that interpretation of results is complicated.

Also described in this note is the transformation of the data into a form which makes it more readily available. The data set has been transformed into a "history tape" format on a rhomboidal wavenumber 15 (R15) truncation Gaussian grid for use online at NCAR with the CCM processor. Moreover, climatological average statistics have been computed and are similarly available, both on-line at NCAR and, for the long-term averages, in fiche at the back of the book.

We have presented eight-year mean fields as one set depicting the mean climatology

of the atmospheric circulation. However, these means are made up of a mixture of products from different assimilation systems. Generally, the quality of the analyzed fields has improved with time so that the most recent analyses are expected to be the best for use in diagnostic studies of the mean climate and short-term variability. However, interannual variability and climate change can only be explored to a limited extent with this data set and only if proper account is taken of the impacts of changes in analysis procedures. Consequently a strong case can be made for a *reanalysis* of the original data, preferably enhanced with further observations (either delayed or non real time) that did not arrive before the operationally imposed cut-off, using the *same* state-of-the-art analysis system.

For some purposes, the most recent monthly means may be most suitable, and these are readily available on-line at NCAR via the CCM processor. But one exception to the improvements with time in this archive arises because of the introduction of the diurnal cycle into the analyses, especially the change made on 4 March 1986, since it now means that four analyses per day are required to obtain a representative mean. The impact is expected to be greatest on vertical motion fields over places such as the Amazon and tropical South America where maxima are not well captured by analyses at 0000 and 1200 GMT.

The ECMWF global analyses are very valuable for many purposes and can be easily used with the information contained in this report.

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# Appendix I

## Acronyms

| | |
|---|---|
| CCM | Community Climate Model |
| ECMWF | European Centre for Medium Range Weather Forecasts |
| FGGE | First GARP Global Experiment |
| GARP | Global Atmospheric Research Program |
| GWE | Global Weather Experiment |
| NCAR | National Center for Atmospheric Research |
| NESDIS | National Environmental Satellite, Data, and Information Service |
| NH | Northern Hemisphere |
| NMC | National Meteorological Center |
| NNMI | Nonlinear Normal Mode Initialization |
| NOAA | National Oceanic and Atmospheric Administration |
| PAOBs | Pseudo Australian OBservations of SLP |
| PBL | Planetary Boundary Layer |
| RH | Relative Humidity |
| RMS | Root Mean Square |
| SATOBS | Satellite Observations |
| SLP | Sea Level Pressure |
| SH | Southern Hemisphere |
| SST | Sea Surface Temperature |
| TIROS | Television Infrared Operational Satellite |
| TOGA | Tropical Oceans Global Atmosphere |
| TOVS | TIROS Operational Vertical Sounder |
| TR | Tropics |
| WMO | World Meteorological Organization |

# Appendix II

## Data set problems

PRIMARY FIELDS AND LEVELS EXAMINED

| | |
|---|---|
| Z | 1000, 500, 200 MB |
| U | 500, 200 MB |
| V | 500, 200 MB |
| RH | 700 MB |

REGIONS

| | |
|---|---|
| SH | 90 deg S - 20 deg S |
| TR | 20 deg S - 20 deg N |
| NH | 20 deg N - 90 deg N |
| GL | Global |

FLAGS

| | |
|---|---|
| M | analyses are missing |
| 0 | analyses are suspect |
| 1 | analyses have some clear problems and should be rejected |
| 2 | totally meaningless analyses |
| * | flagged as being suspicious by ECMWF themselves (no indication of which region is affected) |

| DATE | DOY | FIELD | LEVEL | REGION | FLAG |
|---|---|---|---|---|---|
| 12/16/78 00Z | 350 | ALL | ALL | GL | 1 |
| 5/ 7/79 12Z | 127 | RH,T | ALL | GL | M |
| 2/ 4/80 00Z | 35 | Z,U,V | 500MB | TR | 0 |
| 2/28/80 12Z | 59 | U,V,W | ALL | | * |
| 3/ 2/80 12Z - 3/ 4/80 00Z | 62-64 | Z,U,V | 500,200MB | TR,SH | 1 |
| 3/15/80 12Z | 75 | Z | 1000MB | SH | 1 |
| 3/22/80 00Z | 82 | Z | 1000MB | SH | 1 |
| 6/21/80 12Z | 173 | Z,T | 700MB | SH | 2 |
| 8/21/80 00Z | 234 | V | 1000MB | GL | 2 |
| 9/25/80 00Z | 269 | ALL | ALL | GL | 1 |
| 10/ 8/80 00Z | 282 | Z | 1000MB | SH | 0 |
| 10/ 8/80 00Z | 282 | V | 500MB | TR,SH | 0 |
| 10/10/80 12Z | 284 | Z | 500MB | TR | 0 |
| 11/24/80 12Z | 329 | Z,U | 200MB | GL | 1 |
| 12/ 1/80 00Z - 12/ 9/80 12Z | 336-344 | Z | 200MB | TR | 0 |
| 12/24/80 00Z | 359 | U | 500MB | TR,SH | 0 |
| 12/24/80 00Z - 12/25/80 12Z | 359-360 | RH | 700MB | GL | 1 |
| 1/ 2/81 00Z - 1/ 2/81 12Z | 2 | RH | 700MB | GL | 1 |
| 1/ 8/81 00Z | 8 | U | 500,200MB | TR,SH | 0 |
| 1/ 8/81 00Z - 1/ 8/81 12Z | 8 | RH | 700MB | GL | 1 |
| 2/23/81 12Z | 54 | V | 100MB | | * |
| 4/22/81 12Z | 112 | Z | 1000MB | SH | 0 |
| 8/20/81 00Z | 232 | V | 200MB | TR | 0 |
| 3/ 9/82 00Z | 68 | Z,T | 850MB | | * |
| 5/27/82 00Z | 147 | Z | 500MB | TR | 0 |
| 6/30/82 00Z | 181 | Z | 500MB | TR | 0 |
| 10/22/83 12Z | 295 | Z | 500MB | TR | 0 |
| 11/20/84 12Z | 325 | U | 500,200MB | TR,NH | 0 |
| 4/10/85 12Z | 100 | Z | 500MB | TR | 0 |
| 5/ 6/85 12Z - 5/12/85 00Z | 126-132 | Z,U | 500,200MB | SH | 0 |
| 5/11/85 12Z | 131 | Z | 500MB | TR | 0 |
| 7/16/85 12Z | 197 | Z | 500MB | TR | 0 |
| 7/28/85 00Z | 209 | U | 500MB | TR | 0 |
| 9/10/85 12Z | 253 | Z | 500MB | TR | 0 |
| 10/15/85 00Z | 288 | U,V | 100MB | GL | M |
| 11/24/85 12Z | 328 | Z | 500MB | TR | 0 |
| 1/ 7/86 12Z | 7 | Z | 500MB | TR | 0 |
| 3/13/86 00Z | 72 | Z | 500MB | TR | 0 |
| 6/ 8/86 00Z | 159 | U,V | 1000MB | GL | M |
| 9/ 1/86 00Z - 9/ 1/86 12Z | 244 | Z | 1000MB | TR | 0 |
| 9/23/86 00Z | 266 | Z | 1000MB | TR | 0 |
| 9/28/86 00Z | 271 | Z | 1000MB | TR | 0 |
| 10/26/86 00Z | 299 | Z | 1000MB | TR | 0 |
| 11/10/86 00Z | 314 | Z | 1000MB | TR | 0 |

# Appendix III

## Surface Pressure Computation

The ECMWF analyses consist of temperatures, winds, relative humidity and geopotential heights at 1000, 850, 700, 500, 300, 200 and 100 mb. Given the actual mean terrain height at each grid point, the surface pressure was computed in one of two ways, depending upon whether the height was above or below the 1000 mb value. For the present calculation it was assumed that there was no difference between the geometric height $z_s$ of the surface and the geopotential height $z$. Trenberth (1981) noted that mean surface geopotential heights are smaller than the geometric height by 0.1 m in the NH but larger by 0.1 m in the SH.

(i) If $z_s > z_{1000}$ then the surface pressure is interpolated by using

$$\ell n(P_s/P_1) = \ell n(P_2/P_1)[(z_s - z_1)/(z_2 - z_1)]$$

where $P_s$ is the surface pressure, $z_2$ and $z_1$ are the geopotential heights at the standard pressure surfaces immediately above and below $z_s$; and $P_2$ and $P_1$ are the corresponding pressure levels.

(ii) If $z_s < z_{1000}$

$$P_s = P_{1000} \exp[(z_{1000} - z_s) g_o/(RT_v)]$$

where R is the gas content, $g_o$ is the geopotential gravity constant of 9.8 m $s^{-2}$, and $T_v$ is the virtual temperature at 1000 mb, given by

$$T_v = T_{1000}(1 + 0.61\, q_{1000})$$

and $q$ is the specific humidity.

# Appendix IV

## Table of day number (for use in the CCM processor)

1978 (DAY SINCE 1/ 1/78)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/ 1= | 0 | 2/23= | 53 | 4/17= | 106 | 6/ 9= | 159 | 8/ 1= | 212 | 9/23= | 265 | 11/15= | 318 |
| 1/ 2= | 1 | 2/24= | 54 | 4/18= | 107 | 6/10= | 160 | 8/ 2= | 213 | 9/24= | 266 | 11/16= | 319 |
| 1/ 3= | 2 | 2/25= | 55 | 4/19= | 108 | 6/11= | 161 | 8/ 3= | 214 | 9/25= | 267 | 11/17= | 320 |
| 1/ 4= | 3 | 2/26= | 56 | 4/20= | 109 | 6/12= | 162 | 8/ 4= | 215 | 9/26= | 268 | 11/18= | 321 |
| 1/ 5= | 4 | 2/27= | 57 | 4/21= | 110 | 6/13= | 163 | 8/ 5= | 216 | 9/27= | 269 | 11/19= | 322 |
| 1/ 6= | 5 | 2/28= | 58 | 4/22= | 111 | 6/14= | 164 | 8/ 6= | 217 | 9/28= | 270 | 11/20= | 323 |
| 1/ 7= | 6 | 3/ 1= | 59 | 4/23= | 112 | 6/15= | 165 | 8/ 7= | 218 | 9/29= | 271 | 11/21= | 324 |
| 1/ 8= | 7 | 3/ 2= | 60 | 4/24= | 113 | 6/16= | 166 | 8/ 8= | 219 | 9/30= | 272 | 11/22= | 325 |
| 1/ 9= | 8 | 3/ 3= | 61 | 4/25= | 114 | 6/17= | 167 | 8/ 9= | 220 | 10/ 1= | 273 | 11/23= | 326 |
| 1/10= | 9 | 3/ 4= | 62 | 4/26= | 115 | 6/18= | 168 | 8/10= | 221 | 10/ 2= | 274 | 11/24= | 327 |
| 1/11= | 10 | 3/ 5= | 63 | 4/27= | 116 | 6/19= | 169 | 8/11= | 222 | 10/ 3= | 275 | 11/25= | 328 |
| 1/12= | 11 | 3/ 6= | 64 | 4/28= | 117 | 6/20= | 170 | 8/12= | 223 | 10/ 4= | 276 | 11/26= | 329 |
| 1/13= | 12 | 3/ 7= | 65 | 4/29= | 118 | 6/21= | 171 | 8/13= | 224 | 10/ 5= | 277 | 11/27= | 330 |
| 1/14= | 13 | 3/ 8= | 66 | 4/30= | 119 | 6/22= | 172 | 8/14= | 225 | 10/ 6= | 278 | 11/28= | 331 |
| 1/15= | 14 | 3/ 9= | 67 | 5/ 1= | 120 | 6/23= | 173 | 8/15= | 226 | 10/ 7= | 279 | 11/29= | 332 |
| 1/16= | 15 | 3/10= | 68 | 5/ 2= | 121 | 6/24= | 174 | 8/16= | 227 | 10/ 8= | 280 | 11/30= | 333 |
| 1/17= | 16 | 3/11= | 69 | 5/ 3= | 122 | 6/25= | 175 | 8/17= | 228 | 10/ 9= | 281 | 12/ 1= | 334 |
| 1/18= | 17 | 3/12= | 70 | 5/ 4= | 123 | 6/26= | 176 | 8/18= | 229 | 10/10= | 282 | 12/ 2= | 335 |
| 1/19= | 18 | 3/13= | 71 | 5/ 5= | 124 | 6/27= | 177 | 8/19= | 230 | 10/11= | 283 | 12/ 3= | 336 |
| 1/20= | 19 | 3/14= | 72 | 5/ 6= | 125 | 6/28= | 178 | 8/20= | 231 | 10/12= | 284 | 12/ 4= | 337 |
| 1/21= | 20 | 3/15= | 73 | 5/ 7= | 126 | 6/29= | 179 | 8/21= | 232 | 10/13= | 285 | 12/ 5= | 338 |
| 1/22= | 21 | 3/16= | 74 | 5/ 8= | 127 | 6/30= | 180 | 8/22= | 233 | 10/14= | 286 | 12/ 6= | 339 |
| 1/23= | 22 | 3/17= | 75 | 5/ 9= | 128 | 7/ 1= | 181 | 8/23= | 234 | 10/15= | 287 | 12/ 7= | 340 |
| 1/24= | 23 | 3/18= | 76 | 5/10= | 129 | 7/ 2= | 182 | 8/24= | 235 | 10/16= | 288 | 12/ 8= | 341 |
| 1/25= | 24 | 3/19= | 77 | 5/11= | 130 | 7/ 3= | 183 | 8/25= | 236 | 10/17= | 289 | 12/ 9= | 342 |
| 1/26= | 25 | 3/20= | 78 | 5/12= | 131 | 7/ 4= | 184 | 8/26= | 237 | 10/18= | 290 | 12/10= | 343 |
| 1/27= | 26 | 3/21= | 79 | 5/13= | 132 | 7/ 5= | 185 | 8/27= | 238 | 10/19= | 291 | 12/11= | 344 |
| 1/28= | 27 | 3/22= | 80 | 5/14= | 133 | 7/ 6= | 186 | 8/28= | 239 | 10/20= | 292 | 12/12= | 345 |
| 1/29= | 28 | 3/23= | 81 | 5/15= | 134 | 7/ 7= | 187 | 8/29= | 240 | 10/21= | 293 | 12/13= | 346 |
| 1/30= | 29 | 3/24= | 82 | 5/16= | 135 | 7/ 8= | 188 | 8/30= | 241 | 10/22= | 294 | 12/14= | 347 |
| 1/31= | 30 | 3/25= | 83 | 5/17= | 136 | 7/ 9= | 189 | 8/31= | 242 | 10/23= | 295 | 12/15= | 348 |
| 2/ 1= | 31 | 3/26= | 84 | 5/18= | 137 | 7/10= | 190 | 9/ 1= | 243 | 10/24= | 296 | 12/16= | 349 |
| 2/ 2= | 32 | 3/27= | 85 | 5/19= | 138 | 7/11= | 191 | 9/ 2= | 244 | 10/25= | 297 | 12/17= | 350 |
| 2/ 3= | 33 | 3/28= | 86 | 5/20= | 139 | 7/12= | 192 | 9/ 3= | 245 | 10/26= | 298 | 12/18= | 351 |
| 2/ 4= | 34 | 3/29= | 87 | 5/21= | 140 | 7/13= | 193 | 9/ 4= | 246 | 10/27= | 299 | 12/19= | 352 |
| 2/ 5= | 35 | 3/30= | 88 | 5/22= | 141 | 7/14= | 194 | 9/ 5= | 247 | 10/28= | 300 | 12/20= | 353 |
| 2/ 6= | 36 | 3/31= | 89 | 5/23= | 142 | 7/15= | 195 | 9/ 6= | 248 | 10/29= | 301 | 12/21= | 354 |
| 2/ 7= | 37 | 4/ 1= | 90 | 5/24= | 143 | 7/16= | 196 | 9/ 7= | 249 | 10/30= | 302 | 12/22= | 355 |
| 2/ 8= | 38 | 4/ 2= | 91 | 5/25= | 144 | 7/17= | 197 | 9/ 8= | 250 | 10/31= | 303 | 12/23= | 356 |
| 2/ 9= | 39 | 4/ 3= | 92 | 5/26= | 145 | 7/18= | 198 | 9/ 9= | 251 | 11/ 1= | 304 | 12/24= | 357 |
| 2/10= | 40 | 4/ 4= | 93 | 5/27= | 146 | 7/19= | 199 | 9/10= | 252 | 11/ 2= | 305 | 12/25= | 358 |
| 2/11= | 41 | 4/ 5= | 94 | 5/28= | 147 | 7/20= | 200 | 9/11= | 253 | 11/ 3= | 306 | 12/26= | 359 |
| 2/12= | 42 | 4/ 6= | 95 | 5/29= | 148 | 7/21= | 201 | 9/12= | 254 | 11/ 4= | 307 | 12/27= | 360 |
| 2/13= | 43 | 4/ 7= | 96 | 5/30= | 149 | 7/22= | 202 | 9/13= | 255 | 11/ 5= | 308 | 12/28= | 361 |
| 2/14= | 44 | 4/ 8= | 97 | 5/31= | 150 | 7/23= | 203 | 9/14= | 256 | 11/ 6= | 309 | 12/29= | 362 |
| 2/15= | 45 | 4/ 9= | 98 | 6/ 1= | 151 | 7/24= | 204 | 9/15= | 257 | 11/ 7= | 310 | 12/30= | 363 |
| 2/16= | 46 | 4/10= | 99 | 6/ 2= | 152 | 7/25= | 205 | 9/16= | 258 | 11/ 8= | 311 | 12/31= | 364 |
| 2/17= | 47 | 4/11= | 100 | 6/ 3= | 153 | 7/26= | 206 | 9/17= | 259 | 11/ 9= | 312 | | |
| 2/18= | 48 | 4/12= | 101 | 6/ 4= | 154 | 7/27= | 207 | 9/18= | 260 | 11/10= | 313 | | |
| 2/19= | 49 | 4/13= | 102 | 6/ 5= | 155 | 7/28= | 208 | 9/19= | 261 | 11/11= | 314 | | |
| 2/20= | 50 | 4/14= | 103 | 6/ 6= | 156 | 7/29= | 209 | 9/20= | 262 | 11/12= | 315 | | |
| 2/21= | 51 | 4/15= | 104 | 6/ 7= | 157 | 7/30= | 210 | 9/21= | 263 | 11/13= | 316 | | |
| 2/22= | 52 | 4/16= | 105 | 6/ 8= | 158 | 7/31= | 211 | 9/22= | 264 | 11/14= | 317 | | |

1979 (DAY SINCE 1/ 1/78)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/ 1= | 365 | 2/23= | 418 | 4/17= | 471 | 6/ 9= | 524 | 8/ 1= | 577 | 9/23= | 630 | 11/15= | 683 |
| 1/ 2= | 366 | 2/24= | 419 | 4/18= | 472 | 6/10= | 525 | 8/ 2= | 578 | 9/24= | 631 | 11/16= | 684 |
| 1/ 3= | 367 | 2/25= | 420 | 4/19= | 473 | 6/11= | 526 | 8/ 3= | 579 | 9/25= | 632 | 11/17= | 685 |
| 1/ 4= | 368 | 2/26= | 421 | 4/20= | 474 | 6/12= | 527 | 8/ 4= | 580 | 9/26= | 633 | 11/18= | 686 |
| 1/ 5= | 369 | 2/27= | 422 | 4/21= | 475 | 6/13= | 528 | 8/ 5= | 581 | 9/27= | 634 | 11/19= | 687 |
| 1/ 6= | 370 | 2/28= | 423 | 4/22= | 476 | 6/14= | 529 | 8/ 6= | 582 | 9/28= | 635 | 11/20= | 688 |
| 1/ 7= | 371 | 3/ 1= | 424 | 4/23= | 477 | 6/15= | 530 | 8/ 7= | 583 | 9/29= | 636 | 11/21= | 689 |
| 1/ 8= | 372 | 3/ 2= | 425 | 4/24= | 478 | 6/16= | 531 | 8/ 8= | 584 | 9/30= | 637 | 11/22= | 690 |
| 1/ 9= | 373 | 3/ 3= | 426 | 4/25= | 479 | 6/17= | 532 | 8/ 9= | 585 | 10/ 1= | 638 | 11/23= | 691 |
| 1/10= | 374 | 3/ 4= | 427 | 4/26= | 480 | 6/18= | 533 | 8/10= | 586 | 10/ 2= | 639 | 11/24= | 692 |
| 1/11= | 375 | 3/ 5= | 428 | 4/27= | 481 | 6/19= | 534 | 8/11= | 587 | 10/ 3= | 640 | 11/25= | 693 |
| 1/12= | 376 | 3/ 6= | 429 | 4/28= | 482 | 6/20= | 535 | 8/12= | 588 | 10/ 4= | 641 | 11/26= | 694 |
| 1/13= | 377 | 3/ 7= | 430 | 4/29= | 483 | 6/21= | 536 | 8/13= | 589 | 10/ 5= | 642 | 11/27= | 695 |
| 1/14= | 378 | 3/ 8= | 431 | 4/30= | 484 | 6/22= | 537 | 8/14= | 590 | 10/ 6= | 643 | 11/28= | 696 |
| 1/15= | 379 | 3/ 9= | 432 | 5/ 1= | 485 | 6/23= | 538 | 8/15= | 591 | 10/ 7= | 644 | 11/29= | 697 |
| 1/16= | 380 | 3/10= | 433 | 5/ 2= | 486 | 6/24= | 539 | 8/16= | 592 | 10/ 8= | 645 | 11/30= | 698 |
| 1/17= | 381 | 3/11= | 434 | 5/ 3= | 487 | 6/25= | 540 | 8/17= | 593 | 10/ 9= | 646 | 12/ 1= | 699 |
| 1/18= | 382 | 3/12= | 435 | 5/ 4= | 488 | 6/26= | 541 | 8/18= | 594 | 10/10= | 647 | 12/ 2= | 700 |
| 1/19= | 383 | 3/13= | 436 | 5/ 5= | 489 | 6/27= | 542 | 8/19= | 595 | 10/11= | 648 | 12/ 3= | 701 |
| 1/20= | 384 | 3/14= | 437 | 5/ 6= | 490 | 6/28= | 543 | 8/20= | 596 | 10/12= | 649 | 12/ 4= | 702 |
| 1/21= | 385 | 3/15= | 438 | 5/ 7= | 891 | 6/29= | 544 | 8/21= | 597 | 10/13= | 650 | 12/ 5= | 703 |
| 1/22= | 386 | 3/16= | 439 | 5/ 8= | 492 | 6/30= | 545 | 8/22= | 598 | 10/14= | 651 | 12/ 6= | 704 |
| 1/23= | 387 | 3/17= | 440 | 5/ 9= | 493 | 7/ 1= | 546 | 8/23= | 599 | 10/15= | 652 | 12/ 7= | 705 |
| 1/24= | 388 | 3/18= | 441 | 5/10= | 494 | 7/ 2= | 547 | 8/24= | 600 | 10/16= | 653 | 12/ 8= | 706 |
| 1/25= | 389 | 3/19= | 442 | 5/11= | 495 | 7/ 3= | 548 | 8/25= | 601 | 10/17= | 654 | 12/ 9= | 707 |
| 1/26= | 390 | 3/20= | 443 | 5/12= | 496 | 7/ 4= | 549 | 8/26= | 602 | 10/18= | 655 | 12/10= | 708 |
| 1/27= | 391 | 3/21= | 444 | 5/13= | 497 | 7/ 5= | 550 | 8/27= | 603 | 10/19= | 656 | 12/11= | 709 |
| 1/28= | 392 | 3/22= | 445 | 5/14= | 498 | 7/ 6= | 551 | 8/28= | 604 | 10/20= | 657 | 12/12= | 710 |
| 1/29= | 393 | 3/23= | 446 | 5/15= | 499 | 7/ 7= | 552 | 8/29= | 605 | 10/21= | 658 | 12/13= | 711 |
| 1/30= | 394 | 3/24= | 447 | 5/16= | 500 | 7/ 8= | 553 | 8/30= | 606 | 10/22= | 659 | 12/14= | 712 |
| 1/31= | 395 | 3/25= | 448 | 5/17= | 501 | 7/ 9= | 554 | 8/31= | 607 | 10/23= | 660 | 12/15= | 713 |
| 2/ 1= | 396 | 3/26= | 449 | 5/18= | 502 | 7/10= | 555 | 9/ 1= | 608 | 10/24= | 661 | 12/16= | 714 |
| 2/ 2= | 397 | 3/27= | 450 | 5/19= | 503 | 7/11= | 556 | 9/ 2= | 609 | 10/25= | 662 | 12/17= | 715 |
| 2/ 3= | 398 | 3/28= | 451 | 5/20= | 504 | 7/12= | 557 | 9/ 3= | 610 | 10/26= | 663 | 12/18= | 716 |
| 2/ 4= | 399 | 3/29= | 452 | 5/21= | 505 | 7/13= | 558 | 9/ 4= | 611 | 10/27= | 664 | 12/19= | 717 |
| 2/ 5= | 400 | 3/30= | 453 | 5/22= | 506 | 7/14= | 559 | 9/ 5= | 612 | 10/28= | 665 | 12/20= | 718 |
| 2/ 6= | 401 | 3/31= | 454 | 5/23= | 507 | 7/15= | 560 | 9/ 6= | 613 | 10/29= | 666 | 12/21= | 719 |
| 2/ 7= | 402 | 4/ 1= | 455 | 5/24= | 508 | 7/16= | 561 | 9/ 7= | 614 | 10/30= | 667 | 12/22= | 720 |
| 2/ 8= | 403 | 4/ 2= | 456 | 5/25= | 509 | 7/17= | 562 | 9/ 8= | 615 | 10/31= | 668 | 12/23= | 721 |
| 2/ 9= | 404 | 4/ 3= | 457 | 5/26= | 510 | 7/18= | 563 | 9/ 9= | 616 | 11/ 1= | 669 | 12/24= | 722 |
| 2/10= | 405 | 4/ 4= | 458 | 5/27= | 511 | 7/19= | 564 | 9/10= | 617 | 11/ 2= | 670 | 12/25= | 723 |
| 2/11= | 406 | 4/ 5= | 459 | 5/28= | 512 | 7/20= | 565 | 9/11= | 618 | 11/ 3= | 671 | 12/26= | 724 |
| 2/12= | 407 | 4/ 6= | 460 | 5/29= | 513 | 7/21= | 566 | 9/12= | 619 | 11/ 4= | 672 | 12/27= | 725 |
| 2/13= | 408 | 4/ 7= | 461 | 5/30= | 514 | 7/22= | 567 | 9/13= | 620 | 11/ 5= | 673 | 12/28= | 726 |
| 2/14= | 409 | 4/ 8= | 462 | 5/31= | 515 | 7/23= | 568 | 9/14= | 621 | 11/ 6= | 674 | 12/29= | 727 |
| 2/15= | 410 | 4/ 9= | 463 | 6/ 1= | 516 | 7/24= | 569 | 9/15= | 622 | 11/ 7= | 675 | 12/30= | 728 |
| 2/16= | 411 | 4/10= | 464 | 6/ 2= | 517 | 7/25= | 570 | 9/16= | 623 | 11/ 8= | 676 | 12/31= | 729 |
| 2/17= | 412 | 4/11= | 465 | 6/ 3= | 518 | 7/26= | 571 | 9/17= | 624 | 11/ 9= | 677 | | |
| 2/18= | 413 | 4/12= | 466 | 6/ 4= | 519 | 7/27= | 572 | 9/18= | 625 | 11/10= | 678 | | |
| 2/19= | 414 | 4/13= | 467 | 6/ 5= | 520 | 7/28= | 573 | 9/19= | 626 | 11/11= | 679 | | |
| 2/20= | 415 | 4/14= | 468 | 6/ 6= | 521 | 7/29= | 574 | 9/20= | 627 | 11/12= | 680 | | |
| 2/21= | 416 | 4/15= | 469 | 6/ 7= | 522 | 7/30= | 575 | 9/21= | 628 | 11/13= | 681 | | |
| 2/22= | 417 | 4/16= | 470 | 6/ 8= | 523 | 7/31= | 576 | 9/22= | 629 | 11/14= | 682 | | |

## 1980 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 730 | 2/23= 783 | 4/16= 836 | 6/ 8= 889 | 7/31= 942 | 9/22= 995 | 11/14= 1048 |
| 1/ 2= 731 | 2/24= 784 | 4/17= 837 | 6/ 9= 890 | 8/ 1= 943 | 9/23= 996 | 11/15= 1049 |
| 1/ 3= 732 | 2/25= 785 | 4/18= 838 | 6/10= 891 | 8/ 2= 944 | 9/24= 997 | 11/16= 1050 |
| 1/ 4= 733 | 2/26= 786 | 4/19= 839 | 6/11= 892 | 8/ 3= 945 | 9/25= 998 | 11/17= 1051 |
| 1/ 5= 734 | 2/27= 787 | 4/20= 840 | 6/12= 893 | 8/ 4= 946 | 9/26= 999 | 11/18= 1052 |
| 1/ 6= 735 | 2/28= 788 | 4/21= 841 | 6/13= 894 | 8/ 5= 947 | 9/27= 1000 | 11/19= 1053 |
| 1/ 7= 736 | 2/29= 789 | 4/22= 842 | 6/14= 895 | 8/ 6= 948 | 9/28= 1001 | 11/20= 1054 |
| 1/ 8= 737 | 3/ 1= 790 | 4/23= 843 | 6/15= 896 | 8/ 7= 949 | 9/29= 1002 | 11/21= 1055 |
| 1/ 9= 738 | 3/ 2= 791 | 4/24= 844 | 6/16= 897 | 8/ 8= 950 | 9/30= 1003 | 11/22= 1056 |
| 1/10= 739 | 3/ 3= 792 | 4/25= 845 | 6/17= 898 | 8/ 9= 951 | 10/ 1= 1004 | 11/23= 1057 |
| 1/11= 740 | 3/ 4= 793 | 4/26= 846 | 6/18= 899 | 8/10= 952 | 10/ 2= 1005 | 11/24= 1058 |
| 1/12= 741 | 3/ 5= 794 | 4/27= 847 | 6/19= 900 | 8/11= 953 | 10/ 3= 1006 | 11/25= 1059 |
| 1/13= 742 | 3/ 6= 795 | 4/28= 848 | 6/20= 901 | 8/12= 954 | 10/ 4= 1007 | 11/26= 1060 |
| 1/14= 743 | 3/ 7= 796 | 4/29= 849 | 6/21= 902 | 8/13= 955 | 10/ 5= 1008 | 11/27= 1061 |
| 1/15= 744 | 3/ 8= 797 | 4/30= 850 | 6/22= 903 | 8/14= 956 | 10/ 6= 1009 | 11/28= 1062 |
| 1/16= 745 | 3/ 9= 798 | 5/ 1= 851 | 6/23= 904 | 8/15= 957 | 10/ 7= 1010 | 11/29= 1063 |
| 1/17= 746 | 3/10= 799 | 5/ 2= 852 | 6/24= 905 | 8/16= 958 | 10/ 8= 1011 | 11/30= 1064 |
| 1/18= 747 | 3/11= 800 | 5/ 3= 853 | 6/25= 906 | 8/17= 959 | 10/ 9= 1012 | 12/ 1= 1065 |
| 1/19= 748 | 3/12= 801 | 5/ 4= 854 | 6/26= 907 | 8/18= 960 | 10/10= 1013 | 12/ 2= 1066 |
| 1/20= 749 | 3/13= 802 | 5/ 5= 855 | 6/27= 908 | 8/19= 961 | 10/11= 1014 | 12/ 3= 1067 |
| 1/21= 750 | 3/14= 803 | 5/ 6= 856 | 6/28= 909 | 8/20= 962 | 10/12= 1015 | 12/ 4= 1068 |
| 1/22= 751 | 3/15= 804 | 5/ 7= 857 | 6/29= 910 | 8/21= 963 | 10/13= 1016 | 12/ 5= 1069 |
| 1/23= 752 | 3/16= 805 | 5/ 8= 858 | 6/30= 911 | 8/22= 964 | 10/14= 1017 | 12/ 6= 1070 |
| 1/24= 753 | 3/17= 806 | 5/ 9= 859 | 7/ 1= 912 | 8/23= 965 | 10/15= 1018 | 12/ 7= 1071 |
| 1/25= 754 | 3/18= 807 | 5/10= 860 | 7/ 2= 913 | 8/24= 966 | 10/16= 1019 | 12/ 8= 1072 |
| 1/26= 755 | 3/19= 808 | 5/11= 861 | 7/ 3= 914 | 8/25= 967 | 10/17= 1020 | 12/ 9= 1073 |
| 1/27= 756 | 3/20= 809 | 5/12= 862 | 7/ 4= 915 | 8/26= 968 | 10/18= 1021 | 12/10= 1074 |
| 1/28= 757 | 3/21= 810 | 5/13= 863 | 7/ 5= 916 | 8/27= 969 | 10/19= 1022 | 12/11= 1075 |
| 1/29= 758 | 3/22= 811 | 5/14= 864 | 7/ 6= 917 | 8/28= 970 | 10/20= 1023 | 12/12= 1076 |
| 1/30= 759 | 3/23= 812 | 5/15= 865 | 7/ 7= 918 | 8/29= 971 | 10/21= 1024 | 12/13= 1077 |
| 1/31= 760 | 3/24= 813 | 5/16= 866 | 7/ 8= 919 | 8/30= 972 | 10/22= 1025 | 12/14= 1078 |
| 2/ 1= 761 | 3/25= 814 | 5/17= 867 | 7/ 9= 920 | 8/31= 973 | 10/23= 1026 | 12/15= 1079 |
| 2/ 2= 762 | 3/26= 815 | 5/18= 868 | 7/10= 921 | 9/ 1= 974 | 10/24= 1027 | 12/16= 1080 |
| 2/ 3= 763 | 3/27= 816 | 5/19= 869 | 7/11= 922 | 9/ 2= 975 | 10/25= 1028 | 12/17= 1081 |
| 2/ 4= 764 | 3/28= 817 | 5/20= 870 | 7/12= 923 | 9/ 3= 976 | 10/26= 1029 | 12/18= 1082 |
| 2/ 5= 765 | 3/29= 818 | 5/21= 871 | 7/13= 924 | 9/ 4= 977 | 10/27= 1030 | 12/19= 1083 |
| 2/ 6= 766 | 3/30= 819 | 5/22= 872 | 7/14= 925 | 9/ 5= 978 | 10/28= 1031 | 12/20= 1084 |
| 2/ 7= 767 | 3/31= 820 | 5/23= 873 | 7/15= 926 | 9/ 6= 979 | 10/29= 1032 | 12/21= 1085 |
| 2/ 8= 768 | 4/ 1= 821 | 5/24= 874 | 7/16= 927 | 9/ 7= 980 | 10/30= 1033 | 12/22= 1086 |
| 2/ 9= 769 | 4/ 2= 822 | 5/25= 875 | 7/17= 928 | 9/ 8= 981 | 10/31= 1034 | 12/23= 1087 |
| 2/10= 770 | 4/ 3= 823 | 5/26= 876 | 7/18= 929 | 9/ 9= 982 | 11/ 1= 1035 | 12/24= 1088 |
| 2/11= 771 | 4/ 4= 824 | 5/27= 877 | 7/19= 930 | 9/10= 983 | 11/ 2= 1036 | 12/25= 1089 |
| 2/12= 772 | 4/ 5= 825 | 5/28= 878 | 7/20= 931 | 9/11= 984 | 11/ 3= 1037 | 12/26= 1090 |
| 2/13= 773 | 4/ 6= 826 | 5/29= 879 | 7/21= 932 | 9/12= 985 | 11/ 4= 1038 | 12/27= 1091 |
| 2/14= 774 | 4/ 7= 827 | 5/30= 880 | 7/22= 933 | 9/13= 986 | 11/ 5= 1039 | 12/28= 1092 |
| 2/15= 775 | 4/ 8= 828 | 5/31= 881 | 7/23= 934 | 9/14= 987 | 11/ 6= 1040 | 12/29= 1093 |
| 2/16= 776 | 4/ 9= 829 | 6/ 1= 882 | 7/24= 935 | 9/15= 988 | 11/ 7= 1041 | 12/30= 1094 |
| 2/17= 777 | 4/10= 830 | 6/ 2= 883 | 7/25= 936 | 9/16= 989 | 11/ 8= 1042 | 12/31= 1095 |
| 2/18= 778 | 4/11= 831 | 6/ 3= 884 | 7/26= 937 | 9/17= 990 | 11/ 9= 1043 | |
| 2/19= 779 | 4/12= 832 | 6/ 4= 885 | 7/27= 938 | 9/18= 991 | 11/10= 1044 | |
| 2/20= 780 | 4/13= 833 | 6/ 5= 886 | 7/28= 939 | 9/19= 992 | 11/11= 1045 | |
| 2/21= 781 | 4/14= 834 | 6/ 6= 887 | 7/29= 940 | 9/20= 993 | 11/12= 1046 | |
| 2/22= 782 | 4/15= 835 | 6/ 7= 888 | 7/30= 941 | 9/21= 994 | 11/13= 1047 | |

## 1981 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 1096 | 2/23= 1149 | 4/17= 1202 | 6/ 9= 1255 | 8/ 1= 1308 | 9/23= 1361 | 11/15= 1414 |
| 1/ 2= 1097 | 2/24= 1150 | 4/18= 1203 | 6/10= 1256 | 8/ 2= 1309 | 9/24= 1362 | 11/16= 1415 |
| 1/ 3= 1098 | 2/25= 1151 | 4/19= 1204 | 6/11= 1257 | 8/ 3= 1310 | 9/25= 1363 | 11/17= 1416 |
| 1/ 4= 1099 | 2/26= 1152 | 4/20= 1205 | 6/12= 1258 | 8/ 4= 1311 | 9/26= 1364 | 11/18= 1417 |
| 1/ 5= 1100 | 2/27= 1153 | 4/21= 1206 | 6/13= 1259 | 8/ 5= 1312 | 9/27= 1365 | 11/19= 1418 |
| 1/ 6= 1101 | 2/28= 1154 | 4/22= 1207 | 6/14= 1260 | 8/ 6= 1313 | 9/28= 1366 | 11/20= 1419 |
| 1/ 7= 1102 | 3/ 1= 1155 | 4/23= 1208 | 6/15= 1261 | 8/ 7= 1314 | 9/29= 1367 | 11/21= 1420 |
| 1/ 8= 1103 | 3/ 2= 1156 | 4/24= 1209 | 6/16= 1262 | 8/ 8= 1315 | 9/30= 1368 | 11/22= 1421 |
| 1/ 9= 1104 | 3/ 3= 1157 | 4/25= 1210 | 6/17= 1263 | 8/ 9= 1316 | 10/ 1= 1369 | 11/23= 1422 |
| 1/10= 1105 | 3/ 4= 1158 | 4/26= 1211 | 6/18= 1264 | 8/10= 1317 | 10/ 2= 1370 | 11/24= 1423 |
| 1/11= 1106 | 3/ 5= 1159 | 4/27= 1212 | 6/19= 1265 | 8/11= 1318 | 10/ 3= 1371 | 11/25= 1424 |
| 1/12= 1107 | 3/ 6= 1160 | 4/28= 1213 | 6/20= 1266 | 8/12= 1319 | 10/ 4= 1372 | 11/26= 1425 |
| 1/13= 1108 | 3/ 7= 1161 | 4/29= 1214 | 6/21= 1267 | 8/13= 1320 | 10/ 5= 1373 | 11/27= 1426 |
| 1/14= 1109 | 3/ 8= 1162 | 4/30= 1215 | 6/22= 1268 | 8/14= 1321 | 10/ 6= 1374 | 11/28= 1427 |
| 1/15= 1110 | 3/ 9= 1163 | 5/ 1= 1216 | 6/23= 1269 | 8/15= 1322 | 10/ 7= 1375 | 11/29= 1428 |
| 1/16= 1111 | 3/10= 1164 | 5/ 2= 1217 | 6/24= 1270 | 8/16= 1323 | 10/ 8= 1376 | 11/30= 1429 |
| 1/17= 1112 | 3/11= 1165 | 5/ 3= 1218 | 6/25= 1271 | 8/17= 1324 | 10/ 9= 1377 | 12/ 1= 1430 |
| 1/18= 1113 | 3/12= 1166 | 5/ 4= 1219 | 6/26= 1272 | 8/18= 1325 | 10/10= 1378 | 12/ 2= 1431 |
| 1/19= 1114 | 3/13= 1167 | 5/ 5= 1220 | 6/27= 1273 | 8/19= 1326 | 10/11= 1379 | 12/ 3= 1432 |
| 1/20= 1115 | 3/14= 1168 | 5/ 6= 1221 | 6/28= 1274 | 8/20= 1327 | 10/12= 1380 | 12/ 4= 1433 |
| 1/21= 1116 | 3/15= 1169 | 5/ 7= 1222 | 6/29= 1275 | 8/21= 1328 | 10/13= 1381 | 12/ 5= 1434 |
| 1/22= 1117 | 3/16= 1170 | 5/ 8= 1223 | 6/30= 1276 | 8/22= 1329 | 10/14= 1382 | 12/ 6= 1435 |
| 1/23= 1118 | 3/17= 1171 | 5/ 9= 1224 | 7/ 1= 1277 | 8/23= 1330 | 10/15= 1383 | 12/ 7= 1436 |
| 1/24= 1119 | 3/18= 1172 | 5/10= 1225 | 7/ 2= 1278 | 8/24= 1331 | 10/16= 1384 | 12/ 8= 1437 |
| 1/25= 1120 | 3/19= 1173 | 5/11= 1226 | 7/ 3= 1279 | 8/25= 1332 | 10/17= 1385 | 12/ 9= 1438 |
| 1/26= 1121 | 3/20= 1174 | 5/12= 1227 | 7/ 4= 1280 | 8/26= 1333 | 10/18= 1386 | 12/10= 1439 |
| 1/27= 1122 | 3/21= 1175 | 5/13= 1228 | 7/ 5= 1281 | 8/27= 1334 | 10/19= 1387 | 12/11= 1440 |
| 1/28= 1123 | 3/22= 1176 | 5/14= 1229 | 7/ 6= 1282 | 8/28= 1335 | 10/20= 1388 | 12/12= 1441 |
| 1/29= 1124 | 3/23= 1177 | 5/15= 1230 | 7/ 7= 1283 | 8/29= 1336 | 10/21= 1389 | 12/13= 1442 |
| 1/30= 1125 | 3/24= 1178 | 5/16= 1231 | 7/ 8= 1284 | 8/30= 1337 | 10/22= 1390 | 12/14= 1443 |
| 1/31= 1126 | 3/25= 1179 | 5/17= 1232 | 7/ 9= 1285 | 8/31= 1338 | 10/23= 1391 | 12/15= 1444 |
| 2/ 1= 1127 | 3/26= 1180 | 5/18= 1233 | 7/10= 1286 | 9/ 1= 1339 | 10/24= 1392 | 12/16= 1445 |
| 2/ 2= 1128 | 3/27= 1181 | 5/19= 1234 | 7/11= 1287 | 9/ 2= 1340 | 10/25= 1393 | 12/17= 1446 |
| 2/ 3= 1129 | 3/28= 1182 | 5/20= 1235 | 7/12= 1288 | 9/ 3= 1341 | 10/26= 1394 | 12/18= 1447 |
| 2/ 4= 1130 | 3/29= 1183 | 5/21= 1236 | 7/13= 1289 | 9/ 4= 1342 | 10/27= 1395 | 12/19= 1448 |
| 2/ 5= 1131 | 3/30= 1184 | 5/22= 1237 | 7/14= 1290 | 9/ 5= 1343 | 10/28= 1396 | 12/20= 1449 |
| 2/ 6= 1132 | 3/31= 1185 | 5/23= 1238 | 7/15= 1291 | 9/ 6= 1344 | 10/29= 1397 | 12/21= 1450 |
| 2/ 7= 1133 | 4/ 1= 1186 | 5/24= 1239 | 7/16= 1292 | 9/ 7= 1345 | 10/30= 1398 | 12/22= 1451 |
| 2/ 8= 1134 | 4/ 2= 1187 | 5/25= 1240 | 7/17= 1293 | 9/ 8= 1346 | 10/31= 1399 | 12/23= 1452 |
| 2/ 9= 1135 | 4/ 3= 1188 | 5/26= 1241 | 7/18= 1294 | 9/ 9= 1347 | 11/ 1= 1400 | 12/24= 1453 |
| 2/10= 1136 | 4/ 4= 1189 | 5/27= 1242 | 7/19= 1295 | 9/10= 1348 | 11/ 2= 1401 | 12/25= 1454 |
| 2/11= 1137 | 4/ 5= 1190 | 5/28= 1243 | 7/20= 1296 | 9/11= 1349 | 11/ 3= 1402 | 12/26= 1455 |
| 2/12= 1138 | 4/ 6= 1191 | 5/29= 1244 | 7/21= 1297 | 9/12= 1350 | 11/ 4= 1403 | 12/27= 1456 |
| 2/13= 1139 | 4/ 7= 1192 | 5/30= 1245 | 7/22= 1298 | 9/13= 1351 | 11/ 5= 1404 | 12/28= 1457 |
| 2/14= 1140 | 4/ 8= 1193 | 5/31= 1246 | 7/23= 1299 | 9/14= 1352 | 11/ 6= 1405 | 12/29= 1458 |
| 2/15= 1141 | 4/ 9= 1194 | 6/ 1= 1247 | 7/24= 1300 | 9/15= 1353 | 11/ 7= 1406 | 12/30= 1459 |
| 2/16= 1142 | 4/10= 1195 | 6/ 2= 1248 | 7/25= 1301 | 9/16= 1354 | 11/ 8= 1407 | 12/31= 1460 |
| 2/17= 1143 | 4/11= 1196 | 6/ 3= 1249 | 7/26= 1302 | 9/17= 1355 | 11/ 9= 1408 | |
| 2/18= 1144 | 4/12= 1197 | 6/ 4= 1250 | 7/27= 1303 | 9/18= 1356 | 11/10= 1409 | |
| 2/19= 1145 | 4/13= 1198 | 6/ 5= 1251 | 7/28= 1304 | 9/19= 1357 | 11/11= 1410 | |
| 2/20= 1146 | 4/14= 1199 | 6/ 6= 1252 | 7/29= 1305 | 9/20= 1358 | 11/12= 1411 | |
| 2/21= 1147 | 4/15= 1200 | 6/ 7= 1253 | 7/30= 1306 | 9/21= 1359 | 11/13= 1412 | |
| 2/22= 1148 | 4/16= 1201 | 6/ 8= 1254 | 7/31= 1307 | 9/22= 1360 | 11/14= 1413 | |

1982 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 1461 | 2/23= 1514 | 4/17= 1567 | 6/ 9= 1620 | 8/ 1= 1673 | 9/23= 1726 | 11/15= 1779 |
| 1/ 2= 1462 | 2/24= 1515 | 4/18= 1568 | 6/10= 1621 | 8/ 2= 1674 | 9/24= 1727 | 11/16= 1780 |
| 1/ 3= 1463 | 2/25= 1516 | 4/19= 1569 | 6/11= 1622 | 8/ 3= 1675 | 9/25= 1728 | 11/17= 1781 |
| 1/ 4= 1464 | 2/26= 1517 | 4/20= 1570 | 6/12= 1623 | 8/ 4= 1676 | 9/26= 1729 | 11/18= 1782 |
| 1/ 5= 1465 | 2/27= 1518 | 4/21= 1571 | 6/13= 1624 | 8/ 5= 1677 | 9/27= 1730 | 11/19= 1783 |
| 1/ 6= 1466 | 2/28= 1519 | 4/22= 1572 | 6/14= 1625 | 8/ 6= 1678 | 9/28= 1731 | 11/20= 1784 |
| 1/ 7= 1467 | 3/ 1= 1520 | 4/23= 1573 | 6/15= 1626 | 8/ 7= 1679 | 9/29= 1732 | 11/21= 1785 |
| 1/ 8= 1468 | 3/ 2= 1521 | 4/24= 1574 | 6/16= 1627 | 8/ 8= 1680 | 9/30= 1733 | 11/22= 1786 |
| 1/ 9= 1469 | 3/ 3= 1522 | 4/25= 1575 | 6/17= 1628 | 8/ 9= 1681 | 10/ 1= 1734 | 11/23= 1787 |
| 1/10= 1470 | 3/ 4= 1523 | 4/26= 1576 | 6/18= 1629 | 8/10= 1682 | 10/ 2= 1735 | 11/24= 1788 |
| 1/11= 1471 | 3/ 5= 1524 | 4/27= 1577 | 6/19= 1630 | 8/11= 1683 | 10/ 3= 1736 | 11/25= 1789 |
| 1/12= 1472 | 3/ 6= 1525 | 4/28= 1578 | 6/20= 1631 | 8/12= 1684 | 10/ 4= 1737 | 11/26= 1790 |
| 1/13= 1473 | 3/ 7= 1526 | 4/29= 1579 | 6/21= 1632 | 8/13= 1685 | 10/ 5= 1738 | 11/27= 1791 |
| 1/14= 1474 | 3/ 8= 1527 | 4/30= 1580 | 6/22= 1633 | 8/14= 1686 | 10/ 6= 1739 | 11/28= 1792 |
| 1/15= 1475 | 3/ 9= 1528 | 5/ 1= 1581 | 6/23= 1634 | 8/15= 1687 | 10/ 7= 1740 | 11/29= 1793 |
| 1/16= 1476 | 3/10= 1529 | 5/ 2= 1582 | 6/24= 1635 | 8/16= 1688 | 10/ 8= 1741 | 11/30= 1794 |
| 1/17= 1477 | 3/11= 1530 | 5/ 3= 1583 | 6/25= 1636 | 8/17= 1689 | 10/ 9= 1742 | 12/ 1= 1795 |
| 1/18= 1478 | 3/12= 1531 | 5/ 4= 1584 | 6/26= 1637 | 8/18= 1690 | 10/10= 1743 | 12/ 2= 1796 |
| 1/19= 1479 | 3/13= 1532 | 5/ 5= 1585 | 6/27= 1638 | 8/19= 1691 | 10/11= 1744 | 12/ 3= 1797 |
| 1/20= 1480 | 3/14= 1533 | 5/ 6= 1586 | 6/28= 1639 | 8/20= 1692 | 10/12= 1745 | 12/ 4= 1798 |
| 1/21= 1481 | 3/15= 1534 | 5/ 7= 1587 | 6/29= 1640 | 8/21= 1693 | 10/13= 1746 | 12/ 5= 1799 |
| 1/22= 1482 | 3/16= 1535 | 5/ 8= 1588 | 6/30= 1641 | 8/22= 1694 | 10/14= 1747 | 12/ 6= 1800 |
| 1/23= 1483 | 3/17= 1536 | 5/ 9= 1589 | 7/ 1= 1642 | 8/23= 1695 | 10/15= 1748 | 12/ 7= 1801 |
| 1/24= 1484 | 3/18= 1537 | 5/10= 1590 | 7/ 2= 1643 | 8/24= 1696 | 10/16= 1749 | 12/ 8= 1802 |
| 1/25= 1485 | 3/19= 1538 | 5/11= 1591 | 7/ 3= 1644 | 8/25= 1697 | 10/17= 1750 | 12/ 9= 1803 |
| 1/26= 1486 | 3/20= 1539 | 5/12= 1592 | 7/ 4= 1645 | 8/26= 1698 | 10/18= 1751 | 12/10= 1804 |
| 1/27= 1487 | 3/21= 1540 | 5/13= 1593 | 7/ 5= 1646 | 8/27= 1699 | 10/19= 1752 | 12/11= 1805 |
| 1/28= 1488 | 3/22= 1541 | 5/14= 1594 | 7/ 6= 1647 | 8/28= 1700 | 10/20= 1753 | 12/12= 1806 |
| 1/29= 1489 | 3/23= 1542 | 5/15= 1595 | 7/ 7= 1648 | 8/29= 1701 | 10/21= 1754 | 12/13= 1807 |
| 1/30= 1490 | 3/24= 1543 | 5/16= 1596 | 7/ 8= 1649 | 8/30= 1702 | 10/22= 1755 | 12/14= 1808 |
| 1/31= 1491 | 3/25= 1544 | 5/17= 1597 | 7/ 9= 1650 | 8/31= 1703 | 10/23= 1756 | 12/15= 1809 |
| 2/ 1= 1492 | 3/26= 1545 | 5/18= 1598 | 7/10= 1651 | 9/ 1= 1704 | 10/24= 1757 | 12/16= 1810 |
| 2/ 2= 1493 | 3/27= 1546 | 5/19= 1599 | 7/11= 1652 | 9/ 2= 1705 | 10/25= 1758 | 12/17= 1811 |
| 2/ 3= 1494 | 3/28= 1547 | 5/20= 1600 | 7/12= 1653 | 9/ 3= 1706 | 10/26= 1759 | 12/18= 1812 |
| 2/ 4= 1495 | 3/29= 1548 | 5/21= 1601 | 7/13= 1654 | 9/ 4= 1707 | 10/27= 1760 | 12/19= 1813 |
| 2/ 5= 1496 | 3/30= 1549 | 5/22= 1602 | 7/14= 1655 | 9/ 5= 1708 | 10/28= 1761 | 12/20= 1814 |
| 2/ 6= 1497 | 3/31= 1550 | 5/23= 1603 | 7/15= 1656 | 9/ 6= 1709 | 10/29= 1762 | 12/21= 1815 |
| 2/ 7= 1498 | 4/ 1= 1551 | 5/24= 1604 | 7/16= 1657 | 9/ 7= 1710 | 10/30= 1763 | 12/22= 1816 |
| 2/ 8= 1499 | 4/ 2= 1552 | 5/25= 1605 | 7/17= 1658 | 9/ 8= 1711 | 10/31= 1764 | 12/23= 1817 |
| 2/ 9= 1500 | 4/ 3= 1553 | 5/26= 1606 | 7/18= 1659 | 9/ 9= 1712 | 11/ 1= 1765 | 12/24= 1818 |
| 2/10= 1501 | 4/ 4= 1554 | 5/27= 1607 | 7/19= 1660 | 9/10= 1713 | 11/ 2= 1766 | 12/25= 1819 |
| 2/11= 1502 | 4/ 5= 1555 | 5/28= 1608 | 7/20= 1661 | 9/11= 1714 | 11/ 3= 1767 | 12/26= 1820 |
| 2/12= 1503 | 4/ 6= 1556 | 5/29= 1609 | 7/21= 1662 | 9/12= 1715 | 11/ 4= 1768 | 12/27= 1821 |
| 2/13= 1504 | 4/ 7= 1557 | 5/30= 1610 | 7/22= 1663 | 9/13= 1716 | 11/ 5= 1769 | 12/28= 1822 |
| 2/14= 1505 | 4/ 8= 1558 | 5/31= 1611 | 7/23= 1664 | 9/14= 1717 | 11/ 6= 1770 | 12/29= 1823 |
| 2/15= 1506 | 4/ 9= 1559 | 6/ 1= 1612 | 7/24= 1665 | 9/15= 1718 | 11/ 7= 1771 | 12/30= 1824 |
| 2/16= 1507 | 4/10= 1560 | 6/ 2= 1613 | 7/25= 1666 | 9/16= 1719 | 11/ 8= 1772 | 12/31= 1825 |
| 2/17= 1508 | 4/11= 1561 | 6/ 3= 1614 | 7/26= 1667 | 9/17= 1720 | 11/ 9= 1773 | |
| 2/18= 1509 | 4/12= 1562 | 6/ 4= 1615 | 7/27= 1668 | 9/18= 1721 | 11/10= 1774 | |
| 2/19= 1510 | 4/13= 1563 | 6/ 5= 1616 | 7/28= 1669 | 9/19= 1722 | 11/11= 1775 | |
| 2/20= 1511 | 4/14= 1564 | 6/ 6= 1617 | 7/29= 1670 | 9/20= 1723 | 11/12= 1776 | |
| 2/21= 1512 | 4/15= 1565 | 6/ 7= 1618 | 7/30= 1671 | 9/21= 1724 | 11/13= 1777 | |
| 2/22= 1513 | 4/16= 1566 | 6/ 8= 1619 | 7/31= 1672 | 9/22= 1725 | 11/14= 1778 | |

1983 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 1826 | 2/23= 1879 | 4/17= 1932 | 6/ 9= 1985 | 8/ 1= 2038 | 9/23= 2091 | 11/15= 2144 |
| 1/ 2= 1827 | 2/24= 1880 | 4/18= 1933 | 6/10= 1986 | 8/ 2= 2039 | 9/24= 2092 | 11/16= 2145 |
| 1/ 3= 1828 | 2/25= 1881 | 4/19= 1934 | 6/11= 1987 | 8/ 3= 2040 | 9/25= 2093 | 11/17= 2146 |
| 1/ 4= 1829 | 2/26= 1882 | 4/20= 1935 | 6/12= 1988 | 8/ 4= 2041 | 9/26= 2094 | 11/18= 2147 |
| 1/ 5= 1830 | 2/27= 1883 | 4/21= 1936 | 6/13= 1989 | 8/ 5= 2042 | 9/27= 2095 | 11/19= 2148 |
| 1/ 6= 1831 | 2/28= 1884 | 4/22= 1937 | 6/14= 1990 | 8/ 6= 2043 | 9/28= 2096 | 11/20= 2149 |
| 1/ 7= 1832 | 3/ 1= 1885 | 4/23= 1938 | 6/15= 1991 | 8/ 7= 2044 | 9/29= 2097 | 11/21= 2150 |
| 1/ 8= 1833 | 3/ 2= 1886 | 4/24= 1939 | 6/16= 1992 | 8/ 8= 2045 | 9/30= 2098 | 11/22= 2151 |
| 1/ 9= 1834 | 3/ 3= 1887 | 4/25= 1940 | 6/17= 1993 | 8/ 9= 2046 | 10/ 1= 2099 | 11/23= 2152 |
| 1/10= 1835 | 3/ 4= 1888 | 4/26= 1941 | 6/18= 1994 | 8/10= 2047 | 10/ 2= 2100 | 11/24= 2153 |
| 1/11= 1836 | 3/ 5= 1889 | 4/27= 1942 | 6/19= 1995 | 8/11= 2048 | 10/ 3= 2101 | 11/25= 2154 |
| 1/12= 1837 | 3/ 6= 1890 | 4/28= 1943 | 6/20= 1996 | 8/12= 2049 | 10/ 4= 2102 | 11/26= 2155 |
| 1/13= 1838 | 3/ 7= 1891 | 4/29= 1944 | 6/21= 1997 | 8/13= 2050 | 10/ 5= 2103 | 11/27= 2156 |
| 1/14= 1839 | 3/ 8= 1892 | 4/30= 1945 | 6/22= 1998 | 8/14= 2051 | 10/ 6= 2104 | 11/28= 2157 |
| 1/15= 1840 | 3/ 9= 1893 | 5/ 1= 1946 | 6/23= 1999 | 8/15= 2052 | 10/ 7= 2105 | 11/29= 2158 |
| 1/16= 1841 | 3/10= 1894 | 5/ 2= 1947 | 6/24= 2000 | 8/16= 2053 | 10/ 8= 2106 | 11/30= 2159 |
| 1/17= 1842 | 3/11= 1895 | 5/ 3= 1948 | 6/25= 2001 | 8/17= 2054 | 10/ 9= 2107 | 12/ 1= 2160 |
| 1/18= 1843 | 3/12= 1896 | 5/ 4= 1949 | 6/26= 2002 | 8/18= 2055 | 10/10= 2108 | 12/ 2= 2161 |
| 1/19= 1844 | 3/13= 1897 | 5/ 5= 1950 | 6/27= 2003 | 8/19= 2056 | 10/11= 2109 | 12/ 3= 2162 |
| 1/20= 1845 | 3/14= 1898 | 5/ 6= 1951 | 6/28= 2004 | 8/20= 2057 | 10/12= 2110 | 12/ 4= 2163 |
| 1/21= 1846 | 3/15= 1899 | 5/ 7= 1952 | 6/29= 2005 | 8/21= 2058 | 10/13= 2111 | 12/ 5= 2164 |
| 1/22= 1847 | 3/16= 1900 | 5/ 8= 1953 | 6/30= 2006 | 8/22= 2059 | 10/14= 2112 | 12/ 6= 2165 |
| 1/23= 1848 | 3/17= 1901 | 5/ 9= 1954 | 7/ 1= 2007 | 8/23= 2060 | 10/15= 2113 | 12/ 7= 2166 |
| 1/24= 1849 | 3/18= 1902 | 5/10= 1955 | 7/ 2= 2008 | 8/24= 2061 | 10/16= 2114 | 12/ 8= 2167 |
| 1/25= 1850 | 3/19= 1903 | 5/11= 1956 | 7/ 3= 2009 | 8/25= 2062 | 10/17= 2115 | 12/ 9= 2168 |
| 1/26= 1851 | 3/20= 1904 | 5/12= 1957 | 7/ 4= 2010 | 8/26= 2063 | 10/18= 2116 | 12/10= 2169 |
| 1/27= 1852 | 3/21= 1905 | 5/13= 1958 | 7/ 5= 2011 | 8/27= 2064 | 10/19= 2117 | 12/11= 2170 |
| 1/28= 1853 | 3/22= 1906 | 5/14= 1959 | 7/ 6= 2012 | 8/28= 2065 | 10/20= 2118 | 12/12= 2171 |
| 1/29= 1854 | 3/23= 1907 | 5/15= 1960 | 7/ 7= 2013 | 8/29= 2066 | 10/21= 2119 | 12/13= 2172 |
| 1/30= 1855 | 3/24= 1908 | 5/16= 1961 | 7/ 8= 2014 | 8/30= 2067 | 10/22= 2120 | 12/14= 2173 |
| 1/31= 1856 | 3/25= 1909 | 5/17= 1962 | 7/ 9= 2015 | 8/31= 2068 | 10/23= 2121 | 12/15= 2174 |
| 2/ 1= 1857 | 3/26= 1910 | 5/18= 1963 | 7/10= 2016 | 9/ 1= 2069 | 10/24= 2122 | 12/16= 2175 |
| 2/ 2= 1858 | 3/27= 1911 | 5/19= 1964 | 7/11= 2017 | 9/ 2= 2070 | 10/25= 2123 | 12/17= 2176 |
| 2/ 3= 1859 | 3/28= 1912 | 5/20= 1965 | 7/12= 2018 | 9/ 3= 2071 | 10/26= 2124 | 12/18= 2177 |
| 2/ 4= 1860 | 3/29= 1913 | 5/21= 1966 | 7/13= 2019 | 9/ 4= 2072 | 10/27= 2125 | 12/19= 2178 |
| 2/ 5= 1861 | 3/30= 1914 | 5/22= 1967 | 7/14= 2020 | 9/ 5= 2073 | 10/28= 2126 | 12/20= 2179 |
| 2/ 6= 1862 | 3/31= 1915 | 5/23= 1968 | 7/15= 2021 | 9/ 6= 2074 | 10/29= 2127 | 12/21= 2180 |
| 2/ 7= 1863 | 4/ 1= 1916 | 5/24= 1969 | 7/16= 2022 | 9/ 7= 2075 | 10/30= 2128 | 12/22= 2181 |
| 2/ 8= 1864 | 4/ 2= 1917 | 5/25= 1970 | 7/17= 2023 | 9/ 8= 2076 | 10/31= 2129 | 12/23= 2182 |
| 2/ 9= 1865 | 4/ 3= 1918 | 5/26= 1971 | 7/18= 2024 | 9/ 9= 2077 | 11/ 1= 2130 | 12/24= 2183 |
| 2/10= 1866 | 4/ 4= 1919 | 5/27= 1972 | 7/19= 2025 | 9/10= 2078 | 11/ 2= 2131 | 12/25= 2184 |
| 2/11= 1867 | 4/ 5= 1920 | 5/28= 1973 | 7/20= 2026 | 9/11= 2079 | 11/ 3= 2132 | 12/26= 2185 |
| 2/12= 1868 | 4/ 6= 1921 | 5/29= 1974 | 7/21= 2027 | 9/12= 2080 | 11/ 4= 2133 | 12/27= 2186 |
| 2/13= 1869 | 4/ 7= 1922 | 5/30= 1975 | 7/22= 2028 | 9/13= 2081 | 11/ 5= 2134 | 12/28= 2187 |
| 2/14= 1870 | 4/ 8= 1923 | 5/31= 1976 | 7/23= 2029 | 9/14= 2082 | 11/ 6= 2135 | 12/29= 2188 |
| 2/15= 1871 | 4/ 9= 1924 | 6/ 1= 1977 | 7/24= 2030 | 9/15= 2083 | 11/ 7= 2136 | 12/30= 2189 |
| 2/16= 1872 | 4/10= 1925 | 6/ 2= 1978 | 7/25= 2031 | 9/16= 2084 | 11/ 8= 2137 | 12/31= 2190 |
| 2/17= 1873 | 4/11= 1926 | 6/ 3= 1979 | 7/26= 2032 | 9/17= 2085 | 11/ 9= 2138 | |
| 2/18= 1874 | 4/12= 1927 | 6/ 4= 1980 | 7/27= 2033 | 9/18= 2086 | 11/10= 2139 | |
| 2/19= 1875 | 4/13= 1928 | 6/ 5= 1981 | 7/28= 2034 | 9/19= 2087 | 11/11= 2140 | |
| 2/20= 1876 | 4/14= 1929 | 6/ 6= 1982 | 7/29= 2035 | 9/20= 2088 | 11/12= 2141 | |
| 2/21= 1877 | 4/15= 1930 | 6/ 7= 1983 | 7/30= 2036 | 9/21= 2089 | 11/13= 2142 | |
| 2/22= 1878 | 4/16= 1931 | 6/ 8= 1984 | 7/31= 2037 | 9/22= 2090 | 11/14= 2143 | |

## 1984 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 2191 | 2/23= 2244 | 4/16= 2297 | 6/ 8= 2350 | 7/31= 2403 | 9/22= 2456 | 11/14= 2509 |
| 1/ 2= 2192 | 2/24= 2245 | 4/17= 2298 | 6/ 9= 2351 | 8/ 1= 2404 | 9/23= 2457 | 11/15= 2510 |
| 1/ 3= 2193 | 2/25= 2246 | 4/18= 2299 | 6/10= 2352 | 8/ 2= 2405 | 9/24= 2458 | 11/16= 2511 |
| 1/ 4= 2194 | 2/26= 2247 | 4/19= 2300 | 6/11= 2353 | 8/ 3= 2406 | 9/25= 2459 | 11/17= 2512 |
| 1/ 5= 2195 | 2/27= 2248 | 4/20= 2301 | 6/12= 2354 | 8/ 4= 2407 | 9/26= 2460 | 11/18= 2513 |
| 1/ 6= 2196 | 2/28= 2249 | 4/21= 2302 | 6/13= 2355 | 8/ 5= 2408 | 9/27= 2461 | 11/19= 2514 |
| 1/ 7= 2197 | 2/29= 2250 | 4/22= 2303 | 6/14= 2356 | 8/ 6= 2409 | 9/28= 2462 | 11/20= 2515 |
| 1/ 8= 2198 | 3/ 1= 2251 | 4/23= 2304 | 6/15= 2357 | 8/ 7= 2410 | 9/29= 2463 | 11/21= 2516 |
| 1/ 9= 2199 | 3/ 2= 2252 | 4/24= 2305 | 6/16= 2358 | 8/ 8= 2411 | 9/30= 2464 | 11/22= 2517 |
| 1/10= 2200 | 3/ 3= 2253 | 4/25= 2306 | 6/17= 2359 | 8/ 9= 2412 | 10/ 1= 2465 | 11/23= 2518 |
| 1/11= 2201 | 3/ 4= 2254 | 4/26= 2307 | 6/18= 2360 | 8/10= 2413 | 10/ 2= 2466 | 11/24= 2519 |
| 1/12= 2202 | 3/ 5= 2255 | 4/27= 2308 | 6/19= 2361 | 8/11= 2414 | 10/ 3= 2467 | 11/25= 2520 |
| 1/13= 2203 | 3/ 6= 2256 | 4/28= 2309 | 6/20= 2362 | 8/12= 2415 | 10/ 4= 2468 | 11/26= 2521 |
| 1/14= 2204 | 3/ 7= 2257 | 4/29= 2310 | 6/21= 2363 | 8/13= 2416 | 10/ 5= 2469 | 11/27= 2522 |
| 1/15= 2205 | 3/ 8= 2258 | 4/30= 2311 | 6/22= 2364 | 8/14= 2417 | 10/ 6= 2470 | 11/28= 2523 |
| 1/16= 2206 | 3/ 9= 2259 | 5/ 1= 2312 | 6/23= 2365 | 8/15= 2418 | 10/ 7= 2471 | 11/29= 2524 |
| 1/17= 2207 | 3/10= 2260 | 5/ 2= 2313 | 6/24= 2366 | 8/16= 2419 | 10/ 8= 2472 | 11/30= 2525 |
| 1/18= 2208 | 3/11= 2261 | 5/ 3= 2314 | 6/25= 2367 | 8/17= 2420 | 10/ 9= 2473 | 12/ 1= 2526 |
| 1/19= 2209 | 3/12= 2262 | 5/ 4= 2315 | 6/26= 2368 | 8/18= 2421 | 10/10= 2474 | 12/ 2= 2527 |
| 1/20= 2210 | 3/13= 2263 | 5/ 5= 2316 | 6/27= 2369 | 8/19= 2422 | 10/11= 2475 | 12/ 3= 2528 |
| 1/21= 2211 | 3/14= 2264 | 5/ 6= 2317 | 6/28= 2370 | 8/20= 2423 | 10/12= 2476 | 12/ 4= 2529 |
| 1/22= 2212 | 3/15= 2265 | 5/ 7= 2318 | 6/29= 2371 | 8/21= 2424 | 10/13= 2477 | 12/ 5= 2530 |
| 1/23= 2213 | 3/16= 2266 | 5/ 8= 2319 | 6/30= 2372 | 8/22= 2425 | 10/14= 2478 | 12/ 6= 2531 |
| 1/24= 2214 | 3/17= 2267 | 5/ 9= 2320 | 7/ 1= 2373 | 8/23= 2426 | 10/15= 2479 | 12/ 7= 2532 |
| 1/25= 2215 | 3/18= 2268 | 5/10= 2321 | 7/ 2= 2374 | 8/24= 2427 | 10/16= 2480 | 12/ 8= 2533 |
| 1/26= 2216 | 3/19= 2269 | 5/11= 2322 | 7/ 3= 2375 | 8/25= 2428 | 10/17= 2481 | 12/ 9= 2534 |
| 1/27= 2217 | 3/20= 2270 | 5/12= 2323 | 7/ 4= 2376 | 8/26= 2429 | 10/18= 2482 | 12/10= 2535 |
| 1/28= 2218 | 3/21= 2271 | 5/13= 2324 | 7/ 5= 2377 | 8/27= 2430 | 10/19= 2483 | 12/11= 2536 |
| 1/29= 2219 | 3/22= 2272 | 5/14= 2325 | 7/ 6= 2378 | 8/28= 2431 | 10/20= 2484 | 12/12= 2537 |
| 1/30= 2220 | 3/23= 2273 | 5/15= 2326 | 7/ 7= 2379 | 8/29= 2432 | 10/21= 2485 | 12/13= 2538 |
| 1/31= 2221 | 3/24= 2274 | 5/16= 2327 | 7/ 8= 2380 | 8/30= 2433 | 10/22= 2486 | 12/14= 2539 |
| 2/ 1= 2222 | 3/25= 2275 | 5/17= 2328 | 7/ 9= 2381 | 8/31= 2434 | 10/23= 2487 | 12/15= 2540 |
| 2/ 2= 2223 | 3/26= 2276 | 5/18= 2329 | 7/10= 2382 | 9/ 1= 2435 | 10/24= 2488 | 12/16= 2541 |
| 2/ 3= 2224 | 3/27= 2277 | 5/19= 2330 | 7/11= 2383 | 9/ 2= 2436 | 10/25= 2489 | 12/17= 2542 |
| 2/ 4= 2225 | 3/28= 2278 | 5/20= 2331 | 7/12= 2384 | 9/ 3= 2437 | 10/26= 2490 | 12/18= 2543 |
| 2/ 5= 2226 | 3/29= 2279 | 5/21= 2332 | 7/13= 2385 | 9/ 4= 2438 | 10/27= 2491 | 12/19= 2544 |
| 2/ 6= 2227 | 3/30= 2280 | 5/22= 2333 | 7/14= 2386 | 9/ 5= 2439 | 10/28= 2492 | 12/20= 2545 |
| 2/ 7= 2228 | 3/31= 2281 | 5/23= 2334 | 7/15= 2387 | 9/ 6= 2440 | 10/29= 2493 | 12/21= 2546 |
| 2/ 8= 2229 | 4/ 1= 2282 | 5/24= 2335 | 7/16= 2388 | 9/ 7= 2441 | 10/30= 2494 | 12/22= 2547 |
| 2/ 9= 2230 | 4/ 2= 2283 | 5/25= 2336 | 7/17= 2389 | 9/ 8= 2442 | 10/31= 2495 | 12/23= 2548 |
| 2/10= 2231 | 4/ 3= 2284 | 5/26= 2337 | 7/18= 2390 | 9/ 9= 2443 | 11/ 1= 2496 | 12/24= 2549 |
| 2/11= 2232 | 4/ 4= 2285 | 5/27= 2338 | 7/19= 2391 | 9/10= 2444 | 11/ 2= 2497 | 12/25= 2550 |
| 2/12= 2233 | 4/ 5= 2286 | 5/28= 2339 | 7/20= 2392 | 9/11= 2445 | 11/ 3= 2498 | 12/26= 2551 |
| 2/13= 2234 | 4/ 6= 2287 | 5/29= 2340 | 7/21= 2393 | 9/12= 2446 | 11/ 4= 2499 | 12/27= 2552 |
| 2/14= 2235 | 4/ 7= 2288 | 5/30= 2341 | 7/22= 2394 | 9/13= 2447 | 11/ 5= 2500 | 12/28= 2553 |
| 2/15= 2236 | 4/ 8= 2289 | 5/31= 2342 | 7/23= 2395 | 9/14= 2448 | 11/ 6= 2501 | 12/29= 2554 |
| 2/16= 2237 | 4/ 9= 2290 | 6/ 1= 2343 | 7/24= 2396 | 9/15= 2449 | 11/ 7= 2502 | 12/30= 2555 |
| 2/17= 2238 | 4/10= 2291 | 6/ 2= 2344 | 7/25= 2397 | 9/16= 2450 | 11/ 8= 2503 | 12/31= 2556 |
| 2/18= 2239 | 4/11= 2292 | 6/ 3= 2345 | 7/26= 2398 | 9/17= 2451 | 11/ 9= 2504 | |
| 2/19= 2240 | 4/12= 2293 | 6/ 4= 2346 | 7/27= 2399 | 9/18= 2452 | 11/10= 2505 | |
| 2/20= 2241 | 4/13= 2294 | 6/ 5= 2347 | 7/28= 2400 | 9/19= 2453 | 11/11= 2506 | |
| 2/21= 2242 | 4/14= 2295 | 6/ 6= 2348 | 7/29= 2401 | 9/20= 2454 | 11/12= 2507 | |
| 2/22= 2243 | 4/15= 2296 | 6/ 7= 2349 | 7/30= 2402 | 9/21= 2455 | 11/13= 2508 | |

## 1985 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 2557 | 2/23= 2610 | 4/17= 2663 | 6/ 9= 2716 | 8/ 1= 2769 | 9/23= 2822 | 11/15= 2875 |
| 1/ 2= 2558 | 2/24= 2611 | 4/18= 2664 | 6/10= 2717 | 8/ 2= 2770 | 9/24= 2823 | 11/16= 2876 |
| 1/ 3= 2559 | 2/25= 2612 | 4/19= 2665 | 6/11= 2718 | 8/ 3= 2771 | 9/25= 2824 | 11/17= 2877 |
| 1/ 4= 2560 | 2/26= 2613 | 4/20= 2666 | 6/12= 2719 | 8/ 4= 2772 | 9/26= 2825 | 11/18= 2878 |
| 1/ 5= 2561 | 2/27= 2614 | 4/21= 2667 | 6/13= 2720 | 8/ 5= 2773 | 9/27= 2826 | 11/19= 2879 |
| 1/ 6= 2562 | 2/28= 2615 | 4/22= 2668 | 6/14= 2721 | 8/ 6= 2774 | 9/28= 2827 | 11/20= 2880 |
| 1/ 7= 2563 | 3/ 1= 2616 | 4/23= 2669 | 6/15= 2722 | 8/ 7= 2775 | 9/29= 2828 | 11/21= 2881 |
| 1/ 8= 2564 | 3/ 2= 2617 | 4/24= 2670 | 6/16= 2723 | 8/ 8= 2776 | 9/30= 2829 | 11/22= 2882 |
| 1/ 9= 2565 | 3/ 3= 2618 | 4/25= 2671 | 6/17= 2724 | 8/ 9= 2777 | 10/ 1= 2830 | 11/23= 2883 |
| 1/10= 2566 | 3/ 4= 2619 | 4/26= 2672 | 6/18= 2725 | 8/10= 2778 | 10/ 2= 2831 | 11/24= 2884 |
| 1/11= 2567 | 3/ 5= 2620 | 4/27= 2673 | 6/19= 2726 | 8/11= 2779 | 10/ 3= 2832 | 11/25= 2885 |
| 1/12= 2568 | 3/ 6= 2621 | 4/28= 2674 | 6/20= 2727 | 8/12= 2780 | 10/ 4= 2833 | 11/26= 2886 |
| 1/13= 2569 | 3/ 7= 2622 | 4/29= 2675 | 6/21= 2728 | 8/13= 2781 | 10/ 5= 2834 | 11/27= 2887 |
| 1/14= 2570 | 3/ 8= 2623 | 4/30= 2676 | 6/22= 2729 | 8/14= 2782 | 10/ 6= 2835 | 11/28= 2888 |
| 1/15= 2571 | 3/ 9= 2624 | 5/ 1= 2677 | 6/23= 2730 | 8/15= 2783 | 10/ 7= 2836 | 11/29= 2889 |
| 1/16= 2572 | 3/10= 2625 | 5/ 2= 2678 | 6/24= 2731 | 8/16= 2784 | 10/ 8= 2837 | 11/30= 2890 |
| 1/17= 2573 | 3/11= 2626 | 5/ 3= 2679 | 6/25= 2732 | 8/17= 2785 | 10/ 9= 2838 | 12/ 1= 2891 |
| 1/18= 2574 | 3/12= 2627 | 5/ 4= 2680 | 6/26= 2733 | 8/18= 2786 | 10/10= 2839 | 12/ 2= 2892 |
| 1/19= 2575 | 3/13= 2628 | 5/ 5= 2681 | 6/27= 2734 | 8/19= 2787 | 10/11= 2840 | 12/ 3= 2893 |
| 1/20= 2576 | 3/14= 2629 | 5/ 6= 2682 | 6/28= 2735 | 8/20= 2788 | 10/12= 2841 | 12/ 4= 2894 |
| 1/21= 2577 | 3/15= 2630 | 5/ 7= 2683 | 6/29= 2736 | 8/21= 2789 | 10/13= 2842 | 12/ 5= 2895 |
| 1/22= 2578 | 3/16= 2631 | 5/ 8= 2684 | 6/30= 2737 | 8/22= 2790 | 10/14= 2843 | 12/ 6= 2896 |
| 1/23= 2579 | 3/17= 2632 | 5/ 9= 2685 | 7/ 1= 2738 | 8/23= 2791 | 10/15= 2844 | 12/ 7= 2897 |
| 1/24= 2580 | 3/18= 2633 | 5/10= 2686 | 7/ 2= 2739 | 8/24= 2792 | 10/16= 2845 | 12/ 8= 2898 |
| 1/25= 2581 | 3/19= 2634 | 5/11= 2687 | 7/ 3= 2740 | 8/25= 2793 | 10/17= 2846 | 12/ 9= 2899 |
| 1/26= 2582 | 3/20= 2635 | 5/12= 2688 | 7/ 4= 2741 | 8/26= 2794 | 10/18= 2847 | 12/10= 2900 |
| 1/27= 2583 | 3/21= 2636 | 5/13= 2689 | 7/ 5= 2742 | 8/27= 2795 | 10/19= 2848 | 12/11= 2901 |
| 1/28= 2584 | 3/22= 2637 | 5/14= 2690 | 7/ 6= 2743 | 8/28= 2796 | 10/20= 2849 | 12/12= 2902 |
| 1/29= 2585 | 3/23= 2638 | 5/15= 2691 | 7/ 7= 2744 | 8/29= 2797 | 10/21= 2850 | 12/13= 2903 |
| 1/30= 2586 | 3/24= 2639 | 5/16= 2692 | 7/ 8= 2745 | 8/30= 2798 | 10/22= 2851 | 12/14= 2904 |
| 1/31= 2587 | 3/25= 2640 | 5/17= 2693 | 7/ 9= 2746 | 8/31= 2799 | 10/23= 2852 | 12/15= 2905 |
| 2/ 1= 2588 | 3/26= 2641 | 5/18= 2694 | 7/10= 2747 | 9/ 1= 2800 | 10/24= 2853 | 12/16= 2906 |
| 2/ 2= 2589 | 3/27= 2642 | 5/19= 2695 | 7/11= 2748 | 9/ 2= 2801 | 10/25= 2854 | 12/17= 2907 |
| 2/ 3= 2590 | 3/28= 2643 | 5/20= 2696 | 7/12= 2749 | 9/ 3= 2802 | 10/26= 2855 | 12/18= 2908 |
| 2/ 4= 2591 | 3/29= 2644 | 5/21= 2697 | 7/13= 2750 | 9/ 4= 2803 | 10/27= 2856 | 12/19= 2909 |
| 2/ 5= 2592 | 3/30= 2645 | 5/22= 2698 | 7/14= 2751 | 9/ 5= 2804 | 10/28= 2857 | 12/20= 2910 |
| 2/ 6= 2593 | 3/31= 2646 | 5/23= 2699 | 7/15= 2752 | 9/ 6= 2805 | 10/29= 2858 | 12/21= 2911 |
| 2/ 7= 2594 | 4/ 1= 2647 | 5/24= 2700 | 7/16= 2753 | 9/ 7= 2806 | 10/30= 2859 | 12/22= 2912 |
| 2/ 8= 2595 | 4/ 2= 2648 | 5/25= 2701 | 7/17= 2754 | 9/ 8= 2807 | 10/31= 2860 | 12/23= 2913 |
| 2/ 9= 2596 | 4/ 3= 2649 | 5/26= 2702 | 7/18= 2755 | 9/ 9= 2808 | 11/ 1= 2861 | 12/24= 2914 |
| 2/10= 2597 | 4/ 4= 2650 | 5/27= 2703 | 7/19= 2756 | 9/10= 2809 | 11/ 2= 2862 | 12/25= 2915 |
| 2/11= 2598 | 4/ 5= 2651 | 5/28= 2704 | 7/20= 2757 | 9/11= 2810 | 11/ 3= 2863 | 12/26= 2916 |
| 2/12= 2599 | 4/ 6= 2652 | 5/29= 2705 | 7/21= 2758 | 9/12= 2811 | 11/ 4= 2864 | 12/27= 2917 |
| 2/13= 2600 | 4/ 7= 2653 | 5/30= 2706 | 7/22= 2759 | 9/13= 2812 | 11/ 5= 2865 | 12/28= 2918 |
| 2/14= 2601 | 4/ 8= 2654 | 5/31= 2707 | 7/23= 2760 | 9/14= 2813 | 11/ 6= 2866 | 12/29= 2919 |
| 2/15= 2602 | 4/ 9= 2655 | 6/ 1= 2708 | 7/24= 2761 | 9/15= 2814 | 11/ 7= 2867 | 12/30= 2920 |
| 2/16= 2603 | 4/10= 2656 | 6/ 2= 2709 | 7/25= 2762 | 9/16= 2815 | 11/ 8= 2868 | 12/31= 2921 |
| 2/17= 2604 | 4/11= 2657 | 6/ 3= 2710 | 7/26= 2763 | 9/17= 2816 | 11/ 9= 2869 | |
| 2/18= 2605 | 4/12= 2658 | 6/ 4= 2711 | 7/27= 2764 | 9/18= 2817 | 11/10= 2870 | |
| 2/19= 2606 | 4/13= 2659 | 6/ 5= 2712 | 7/28= 2765 | 9/19= 2818 | 11/11= 2871 | |
| 2/20= 2607 | 4/14= 2660 | 6/ 6= 2713 | 7/29= 2766 | 9/20= 2819 | 11/12= 2872 | |
| 2/21= 2608 | 4/15= 2661 | 6/ 7= 2714 | 7/30= 2767 | 9/21= 2820 | 11/13= 2873 | |
| 2/22= 2609 | 4/16= 2662 | 6/ 8= 2715 | 7/31= 2768 | 9/22= 2821 | 11/14= 2874 | |

1986 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 2922 | 2/23= 2975 | 4/17= 3028 | 6/ 9= 3081 | 8/ 1= 3134 | 9/23= 3187 | 11/15= 3240 |
| 1/ 2= 2923 | 2/24= 2976 | 4/18= 3029 | 6/10= 3082 | 8/ 2= 3135 | 9/24= 3188 | 11/16= 3241 |
| 1/ 3= 2924 | 2/25= 2977 | 4/19= 3030 | 6/11= 3083 | 8/ 3= 3136 | 9/25= 3189 | 11/17= 3242 |
| 1/ 4= 2925 | 2/26= 2978 | 4/20= 3031 | 6/12= 3084 | 8/ 4= 3137 | 9/26= 3190 | 11/18= 3243 |
| 1/ 5= 2926 | 2/27= 2979 | 4/21= 3032 | 6/13= 3085 | 8/ 5= 3138 | 9/27= 3191 | 11/19= 3244 |
| 1/ 6= 2927 | 2/28= 2980 | 4/22= 3033 | 6/14= 3086 | 8/ 6= 3139 | 9/28= 3192 | 11/20= 3245 |
| 1/ 7= 2928 | 3/ 1= 2981 | 4/23= 3034 | 6/15= 3087 | 8/ 7= 3140 | 9/29= 3193 | 11/21= 3246 |
| 1/ 8= 2929 | 3/ 2= 2982 | 4/24= 3035 | 6/16= 3088 | 8/ 8= 3141 | 9/30= 3194 | 11/22= 3247 |
| 1/ 9= 2930 | 3/ 3= 2983 | 4/25= 3036 | 6/17= 3089 | 8/ 9= 3142 | 10/ 1= 3195 | 11/23= 3248 |
| 1/10= 2931 | 3/ 4= 2984 | 4/26= 3037 | 6/18= 3090 | 8/10= 3143 | 10/ 2= 3196 | 11/24= 3249 |
| 1/11= 2932 | 3/ 5= 2985 | 4/27= 3038 | 6/19= 3091 | 8/11= 3144 | 10/ 3= 3197 | 11/25= 3250 |
| 1/12= 2933 | 3/ 6= 2986 | 4/28= 3039 | 6/20= 3092 | 8/12= 3145 | 10/ 4= 3198 | 11/26= 3251 |
| 1/13= 2934 | 3/ 7= 2987 | 4/29= 3040 | 6/21= 3093 | 8/13= 3146 | 10/ 5= 3199 | 11/27= 3252 |
| 1/14= 2935 | 3/ 8= 2988 | 4/30= 3041 | 6/22= 3094 | 8/14= 3147 | 10/ 6= 3200 | 11/28= 3253 |
| 1/15= 2936 | 3/ 9= 2989 | 5/ 1= 3042 | 6/23= 3095 | 8/15= 3148 | 10/ 7= 3201 | 11/29= 3254 |
| 1/16= 2937 | 3/10= 2990 | 5/ 2= 3043 | 6/24= 3096 | 8/16= 3149 | 10/ 8= 3202 | 11/30= 3255 |
| 1/17= 2938 | 3/11= 2991 | 5/ 3= 3044 | 6/25= 3097 | 8/17= 3150 | 10/ 9= 3203 | 12/ 1= 3256 |
| 1/18= 2939 | 3/12= 2992 | 5/ 4= 3045 | 6/26= 3098 | 8/18= 3151 | 10/10= 3204 | 12/ 2= 3257 |
| 1/19= 2940 | 3/13= 2993 | 5/ 5= 3046 | 6/27= 3099 | 8/19= 3152 | 10/11= 3205 | 12/ 3= 3258 |
| 1/20= 2941 | 3/14= 2994 | 5/ 6= 3047 | 6/28= 3100 | 8/20= 3153 | 10/12= 3206 | 12/ 4= 3259 |
| 1/21= 2942 | 3/15= 2995 | 5/ 7= 3048 | 6/29= 3101 | 8/21= 3154 | 10/13= 3207 | 12/ 5= 3260 |
| 1/22= 2943 | 3/16= 2996 | 5/ 8= 3049 | 6/30= 3102 | 8/22= 3155 | 10/14= 3208 | 12/ 6= 3261 |
| 1/23= 2944 | 3/17= 2997 | 5/ 9= 3050 | 7/ 1= 3103 | 8/23= 3156 | 10/15= 3209 | 12/ 7= 3262 |
| 1/24= 2945 | 3/18= 2998 | 5/10= 3051 | 7/ 2= 3104 | 8/24= 3157 | 10/16= 3210 | 12/ 8= 3263 |
| 1/25= 2946 | 3/19= 2999 | 5/11= 3052 | 7/ 3= 3105 | 8/25= 3158 | 10/17= 3211 | 12/ 9= 3264 |
| 1/26= 2947 | 3/20= 3000 | 5/12= 3053 | 7/ 4= 3106 | 8/26= 3159 | 10/18= 3212 | 12/10= 3265 |
| 1/27= 2948 | 3/21= 3001 | 5/13= 3054 | 7/ 5= 3107 | 8/27= 3160 | 10/19= 3213 | 12/11= 3266 |
| 1/28= 2949 | 3/22= 3002 | 5/14= 3055 | 7/ 6= 3108 | 8/28= 3161 | 10/20= 3214 | 12/12= 3267 |
| 1/29= 2950 | 3/23= 3003 | 5/15= 3056 | 7/ 7= 3109 | 8/29= 3162 | 10/21= 3215 | 12/13= 3268 |
| 1/30= 2951 | 3/24= 3004 | 5/16= 3057 | 7/ 8= 3110 | 8/30= 3163 | 10/22= 3216 | 12/14= 3269 |
| 1/31= 2952 | 3/25= 3005 | 5/17= 3058 | 7/ 9= 3111 | 8/31= 3164 | 10/23= 3217 | 12/15= 3270 |
| 2/ 1= 2953 | 3/26= 3006 | 5/18= 3059 | 7/10= 3112 | 9/ 1= 3165 | 10/24= 3218 | 12/16= 3271 |
| 2/ 2= 2954 | 3/27= 3007 | 5/19= 3060 | 7/11= 3113 | 9/ 2= 3166 | 10/25= 3219 | 12/17= 3272 |
| 2/ 3= 2955 | 3/28= 3008 | 5/20= 3061 | 7/12= 3114 | 9/ 3= 3167 | 10/26= 3220 | 12/18= 3273 |
| 2/ 4= 2956 | 3/29= 3009 | 5/21= 3062 | 7/13= 3115 | 9/ 4= 3168 | 10/27= 3221 | 12/19= 3274 |
| 2/ 5= 2957 | 3/30= 3010 | 5/22= 3063 | 7/14= 3116 | 9/ 5= 3169 | 10/28= 3222 | 12/20= 3275 |
| 2/ 6= 2958 | 3/31= 3011 | 5/23= 3064 | 7/15= 3117 | 9/ 6= 3170 | 10/29= 3223 | 12/21= 3276 |
| 2/ 7= 2959 | 4/ 1= 3012 | 5/24= 3065 | 7/16= 3118 | 9/ 7= 3171 | 10/30= 3224 | 12/22= 3277 |
| 2/ 8= 2960 | 4/ 2= 3013 | 5/25= 3066 | 7/17= 3119 | 9/ 8= 3172 | 10/31= 3225 | 12/23= 3278 |
| 2/ 9= 2961 | 4/ 3= 3014 | 5/26= 3067 | 7/18= 3120 | 9/ 9= 3173 | 11/ 1= 3226 | 12/24= 3279 |
| 2/10= 2962 | 4/ 4= 3015 | 5/27= 3068 | 7/19= 3121 | 9/10= 3174 | 11/ 2= 3227 | 12/25= 3280 |
| 2/11= 2963 | 4/ 5= 3016 | 5/28= 3069 | 7/20= 3122 | 9/11= 3175 | 11/ 3= 3228 | 12/26= 3281 |
| 2/12= 2964 | 4/ 6= 3017 | 5/29= 3070 | 7/21= 3123 | 9/12= 3176 | 11/ 4= 3229 | 12/27= 3282 |
| 2/13= 2965 | 4/ 7= 3018 | 5/30= 3071 | 7/22= 3124 | 9/13= 3177 | 11/ 5= 3230 | 12/28= 3283 |
| 2/14= 2966 | 4/ 8= 3019 | 5/31= 3072 | 7/23= 3125 | 9/14= 3178 | 11/ 6= 3231 | 12/29= 3284 |
| 2/15= 2967 | 4/ 9= 3020 | 6/ 1= 3073 | 7/24= 3126 | 9/15= 3179 | 11/ 7= 3232 | 12/30= 3285 |
| 2/16= 2968 | 4/10= 3021 | 6/ 2= 3074 | 7/25= 3127 | 9/16= 3180 | 11/ 8= 3233 | 12/31= 3286 |
| 2/17= 2969 | 4/11= 3022 | 6/ 3= 3075 | 7/26= 3128 | 9/17= 3181 | 11/ 9= 3234 | |
| 2/18= 2970 | 4/12= 3023 | 6/ 4= 3076 | 7/27= 3129 | 9/18= 3182 | 11/10= 3235 | |
| 2/19= 2971 | 4/13= 3024 | 6/ 5= 3077 | 7/28= 3130 | 9/19= 3183 | 11/11= 3236 | |
| 2/20= 2972 | 4/14= 3025 | 6/ 6= 3078 | 7/29= 3131 | 9/20= 3184 | 11/12= 3237 | |
| 2/21= 2973 | 4/15= 3026 | 6/ 7= 3079 | 7/30= 3132 | 9/21= 3185 | 11/13= 3238 | |
| 2/22= 2974 | 4/16= 3027 | 6/ 8= 3080 | 7/31= 3133 | 9/22= 3186 | 11/14= 3239 | |

1987 (DAY SINCE 1/ 1/78)

| | | | | | | |
|---|---|---|---|---|---|---|
| 1/ 1= 3287 | 2/23= 3340 | 4/17= 3393 | 6/ 9= 3446 | 8/ 1= 3499 | 9/23= 3552 | 11/15= 3605 |
| 1/ 2= 3288 | 2/24= 3341 | 4/18= 3394 | 6/10= 3447 | 8/ 2= 3500 | 9/24= 3553 | 11/16= 3606 |
| 1/ 3= 3289 | 2/25= 3342 | 4/19= 3395 | 6/11= 3448 | 8/ 3= 3501 | 9/25= 3554 | 11/17= 3607 |
| 1/ 4= 3290 | 2/26= 3343 | 4/20= 3396 | 6/12= 3449 | 8/ 4= 3502 | 9/26= 3555 | 11/18= 3608 |
| 1/ 5= 3291 | 2/27= 3344 | 4/21= 3397 | 6/13= 3450 | 8/ 5= 3503 | 9/27= 3556 | 11/19= 3609 |
| 1/ 6= 3292 | 2/28= 3345 | 4/22= 3398 | 6/14= 3451 | 8/ 6= 3504 | 9/28= 3557 | 11/20= 3610 |
| 1/ 7= 3293 | 3/ 1= 3346 | 4/23= 3399 | 6/15= 3452 | 8/ 7= 3505 | 9/29= 3558 | 11/21= 3611 |
| 1/ 8= 3294 | 3/ 2= 3347 | 4/24= 3400 | 6/16= 3453 | 8/ 8= 3506 | 9/30= 3559 | 11/22= 3612 |
| 1/ 9= 3295 | 3/ 3= 3348 | 4/25= 3401 | 6/17= 3454 | 8/ 9= 3507 | 10/ 1= 3560 | 11/23= 3613 |
| 1/10= 3296 | 3/ 4= 3349 | 4/26= 3402 | 6/18= 3455 | 8/10= 3508 | 10/ 2= 3561 | 11/24= 3614 |
| 1/11= 3297 | 3/ 5= 3350 | 4/27= 3403 | 6/19= 3456 | 8/11= 3509 | 10/ 3= 3562 | 11/25= 3615 |
| 1/12= 3298 | 3/ 6= 3351 | 4/28= 3404 | 6/20= 3457 | 8/12= 3510 | 10/ 4= 3563 | 11/26= 3616 |
| 1/13= 3299 | 3/ 7= 3352 | 4/29= 3405 | 6/21= 3458 | 8/13= 3511 | 10/ 5= 3564 | 11/27= 3617 |
| 1/14= 3300 | 3/ 8= 3353 | 4/30= 3406 | 6/22= 3459 | 8/14= 3512 | 10/ 6= 3565 | 11/28= 3618 |
| 1/15= 3301 | 3/ 9= 3354 | 5/ 1= 3407 | 6/23= 3460 | 8/15= 3513 | 10/ 7= 3566 | 11/29= 3619 |
| 1/16= 3302 | 3/10= 3355 | 5/ 2= 3408 | 6/24= 3461 | 8/16= 3514 | 10/ 8= 3567 | 11/30= 3620 |
| 1/17= 3303 | 3/11= 3356 | 5/ 3= 3409 | 6/25= 3462 | 8/17= 3515 | 10/ 9= 3568 | 12/ 1= 3621 |
| 1/18= 3304 | 3/12= 3357 | 5/ 4= 3410 | 6/26= 3463 | 8/18= 3516 | 10/10= 3569 | 12/ 2= 3622 |
| 1/19= 3305 | 3/13= 3358 | 5/ 5= 3411 | 6/27= 3464 | 8/19= 3517 | 10/11= 3570 | 12/ 3= 3623 |
| 1/20= 3306 | 3/14= 3359 | 5/ 6= 3412 | 6/28= 3465 | 8/20= 3518 | 10/12= 3571 | 12/ 4= 3624 |
| 1/21= 3307 | 3/15= 3360 | 5/ 7= 3413 | 6/29= 3466 | 8/21= 3519 | 10/13= 3572 | 12/ 5= 3625 |
| 1/22= 3308 | 3/16= 3361 | 5/ 8= 3414 | 6/30= 3467 | 8/22= 3520 | 10/14= 3573 | 12/ 6= 3626 |
| 1/23= 3309 | 3/17= 3362 | 5/ 9= 3415 | 7/ 1= 3468 | 8/23= 3521 | 10/15= 3574 | 12/ 7= 3627 |
| 1/24= 3310 | 3/18= 3363 | 5/10= 3416 | 7/ 2= 3469 | 8/24= 3522 | 10/16= 3575 | 12/ 8= 3628 |
| 1/25= 3311 | 3/19= 3364 | 5/11= 3417 | 7/ 3= 3470 | 8/25= 3523 | 10/17= 3576 | 12/ 9= 3629 |
| 1/26= 3312 | 3/20= 3365 | 5/12= 3418 | 7/ 4= 3471 | 8/26= 3524 | 10/18= 3577 | 12/10= 3630 |
| 1/27= 3313 | 3/21= 3366 | 5/13= 3419 | 7/ 5= 3472 | 8/27= 3525 | 10/19= 3578 | 12/11= 3631 |
| 1/28= 3314 | 3/22= 3367 | 5/14= 3420 | 7/ 6= 3473 | 8/28= 3526 | 10/20= 3579 | 12/12= 3632 |
| 1/29= 3315 | 3/23= 3368 | 5/15= 3421 | 7/ 7= 3474 | 8/29= 3527 | 10/21= 3580 | 12/13= 3633 |
| 1/30= 3316 | 3/24= 3369 | 5/16= 3422 | 7/ 8= 3475 | 8/30= 3528 | 10/22= 3581 | 12/14= 3634 |
| 1/31= 3317 | 3/25= 3370 | 5/17= 3423 | 7/ 9= 3476 | 8/31= 3529 | 10/23= 3582 | 12/15= 3635 |
| 2/ 1= 3318 | 3/26= 3371 | 5/18= 3424 | 7/10= 3477 | 9/ 1= 3530 | 10/24= 3583 | 12/16= 3636 |
| 2/ 2= 3319 | 3/27= 3372 | 5/19= 3425 | 7/11= 3478 | 9/ 2= 3531 | 10/25= 3584 | 12/17= 3637 |
| 2/ 3= 3320 | 3/28= 3373 | 5/20= 3426 | 7/12= 3479 | 9/ 3= 3532 | 10/26= 3585 | 12/18= 3638 |
| 2/ 4= 3321 | 3/29= 3374 | 5/21= 3427 | 7/13= 3480 | 9/ 4= 3533 | 10/27= 3586 | 12/19= 3639 |
| 2/ 5= 3322 | 3/30= 3375 | 5/22= 3428 | 7/14= 3481 | 9/ 5= 3534 | 10/28= 3587 | 12/20= 3640 |
| 2/ 6= 3323 | 3/31= 3376 | 5/23= 3429 | 7/15= 3482 | 9/ 6= 3535 | 10/29= 3588 | 12/21= 3641 |
| 2/ 7= 3324 | 4/ 1= 3377 | 5/24= 3430 | 7/16= 3483 | 9/ 7= 3536 | 10/30= 3589 | 12/22= 3642 |
| 2/ 8= 3325 | 4/ 2= 3378 | 5/25= 3431 | 7/17= 3484 | 9/ 8= 3537 | 10/31= 3590 | 12/23= 3643 |
| 2/ 9= 3326 | 4/ 3= 3379 | 5/26= 3432 | 7/18= 3485 | 9/ 9= 3538 | 11/ 1= 3591 | 12/24= 3644 |
| 2/10= 3327 | 4/ 4= 3380 | 5/27= 3433 | 7/19= 3486 | 9/10= 3539 | 11/ 2= 3592 | 12/25= 3645 |
| 2/11= 3328 | 4/ 5= 3381 | 5/28= 3434 | 7/20= 3487 | 9/11= 3540 | 11/ 3= 3593 | 12/26= 3646 |
| 2/12= 3329 | 4/ 6= 3382 | 5/29= 3435 | 7/21= 3488 | 9/12= 3541 | 11/ 4= 3594 | 12/27= 3647 |
| 2/13= 3330 | 4/ 7= 3383 | 5/30= 3436 | 7/22= 3489 | 9/13= 3542 | 11/ 5= 3595 | 12/28= 3648 |
| 2/14= 3331 | 4/ 8= 3384 | 5/31= 3437 | 7/23= 3490 | 9/14= 3543 | 11/ 6= 3596 | 12/29= 3649 |
| 2/15= 3332 | 4/ 9= 3385 | 6/ 1= 3438 | 7/24= 3491 | 9/15= 3544 | 11/ 7= 3597 | 12/30= 3650 |
| 2/16= 3333 | 4/10= 3386 | 6/ 2= 3439 | 7/25= 3492 | 9/16= 3545 | 11/ 8= 3598 | 12/31= 3651 |
| 2/17= 3334 | 4/11= 3387 | 6/ 3= 3440 | 7/26= 3493 | 9/17= 3546 | 11/ 9= 3599 | |
| 2/18= 3335 | 4/12= 3388 | 6/ 4= 3441 | 7/27= 3494 | 9/18= 3547 | 11/10= 3600 | |
| 2/19= 3336 | 4/13= 3389 | 6/ 5= 3442 | 7/28= 3495 | 9/19= 3548 | 11/11= 3601 | |
| 2/20= 3337 | 4/14= 3390 | 6/ 6= 3443 | 7/29= 3496 | 9/20= 3549 | 11/12= 3602 | |
| 2/21= 3338 | 4/15= 3391 | 6/ 7= 3444 | 7/30= 3497 | 9/21= 3550 | 11/13= 3603 | |
| 2/22= 3339 | 4/16= 3392 | 6/ 8= 3445 | 7/31= 3498 | 9/22= 3551 | 11/14= 3604 | |

# Appendix V

## ECMWF Analyses on the Mass Store

**The following is a list of files containing FGGE and ECMWF data (twice daily: 00Z and 12Z) converted into "R15" CCM1 PRESSURE LEVEL HISTORY TAPE (PTP1) format**

FIELD LIST

a) Multi-level fields:

| FIELD | PROCESSOR NAME | UNITS |
|---|---|---|
| Temperature | T | K |
| Zonal wind | U | M/S |
| Meridional wind | V | M/S |
| Relative humidity | RH | PERCENT |
| Vertical velocity | OMEGA | PA/S |
| Geopotential height | ZA | M |
| Specific humidity | Q | KG/KG |

(Levels: 1000, 850, 700, 500, 300, 200, and 100 mb)

b) Surface fields:

| FIELD | PROCESSOR NAME | UNITS |
|---|---|---|
| Surface geopotential | PHIS | M2/S2 |
| Surface pressure | PS | PA |
| Topography | ORO | FLAG |

c) Additional fields during FGGE only (Dec 1978 - Nov 1979):

| FIELD | PROCESSOR NAME | UNITS |
|---|---|---|
| Sea-level pressure | PSLA | PA |

d) Notes

i) PSLA has a bias of +0.1 to +0.2 mb when compared to PS over oceans.

ii) During the FGGE period (Dec 1978 - Nov 1979) RH and Q are zero-filled at 200 and 100 mb.

iii) The variable "ORO" (topography field) contains the following flags:

0 = ocean
1 = land
2 = sea ice (based on monthly climatology)

DATA

| MONTH | MS PATHNAME | DAY (SINCE 1/1/78) |
|---|---|---|
| Dec 78 | /TRENBERT/CTGAN/ER157812 | 334.0 - 364.5 |
| Jan 79 | /TRENBERT/CTGAN/ER157901 | 365.0 - 395.5 |
| Feb 79 | /TRENBERT/CTGAN/ER157902 | 396.0 - 423.5 |
| Mar 79 | /TRENBERT/CTGAN/ER157903 | 424.0 - 454.5 |
| Apr 79 | /TRENBERT/CTGAN/ER157904 | 455.0 - 484.5 |
| May 79 | /TRENBERT/CTGAN/ER157905 | 485.0 - 515.5 |
| Jun 79 | /TRENBERT/CTGAN/ER157906 | 516.0 - 545.5 |
| Jul 79 | /TRENBERT/CTGAN/ER157907 | 546.0 - 576.5 |
| Aug 79 | /TRENBERT/CTGAN/ER157908 | 577.0 - 607.5 |
| Sep 79 | /TRENBERT/CTGAN/ER157909 | 608.0 - 637.5 |
| Oct 79 | /TRENBERT/CTGAN/ER157910 | 638.0 - 668.5 |
| Nov 79 | /TRENBERT/CTGAN/ER157911 | 669.0 - 698.5 |
| Dec 79 | NO DATA | |
| Jan 80 | /TRENBERT/CTGAN/ER158001 | 730.0 - 760.5 |
| Feb 80 | /TRENBERT/CTGAN/ER158002 | 761.0 - 789.5 |
| Mar 80 | /TRENBERT/CTGAN/ER158003 | 790.0 - 820.5 |
| Apr 80 | /TRENBERT/CTGAN/ER158004 | 821.0 - 850.5 |
| May 80 | /TRENBERT/CTGAN/ER158005 | 851.0 - 881.5 |
| Jun 80 | /TRENBERT/CTGAN/ER158006 | 882.0 - 911.5 |
| Jul 80 | /TRENBERT/CTGAN/ER158007 | 912.0 - 942.5 |
| Aug 80 | /TRENBERT/CTGAN/ER158008 | 943.0 - 973.5 |
| Sep 80 | /TRENBERT/CTGAN/ER158009 | 974.0 - 1003.5 |
| Oct 80 | /TRENBERT/CTGAN/ER158010 | 1004.0 - 1034.5 |
| Nov 80 | /TRENBERT/CTGAN/ER158011 | 1035.0 - 1064.5 |
| Dec 80 | /TRENBERT/CTGAN/ER158012 | 1065.0 - 1095.5 |
| Jan 81 | /TRENBERT/CTGAN/ER158101 | 1096.0 - 1126.5 |
| Feb 81 | /TRENBERT/CTGAN/ER158102 | 1127.0 - 1154.5 |
| Mar 81 | /TRENBERT/CTGAN/ER158103 | 1155.0 - 1185.5 |
| Apr 81 | /TRENBERT/CTGAN/ER158104 | 1186.0 - 1215.5 |
| May 81 | /TRENBERT/CTGAN/ER158105 | 1216.0 - 1246.5 |
| Jun 81 | /TRENBERT/CTGAN/ER158106 | 1247.0 - 1276.5 |
| Jul 81 | /TRENBERT/CTGAN/ER158107 | 1277.0 - 1307.5 |
| Aug 81 | /TRENBERT/CTGAN/ER158108 | 1308.0 - 1338.5 |
| Sep 81 | /TRENBERT/CTGAN/ER158109 | 1339.0 - 1368.5 |
| Oct 81 | /TRENBERT/CTGAN/ER158110 | 1369.0 - 1399.5 |
| Nov 81 | /TRENBERT/CTGAN/ER158111 | 1400.0 - 1429.5 |
| Dec 81 | /TRENBERT/CTGAN/ER158112 | 1430.0 - 1460.5 |
| Jan 82 | /TRENBERT/CTGAN/ER158201 | 1461.0 - 1491.5 |
| Feb 82 | /TRENBERT/CTGAN/ER158202 | 1492.0 - 1519.5 |
| Mar 82 | /TRENBERT/CTGAN/ER158203 | 1520.0 - 1550.5 |
| Apr 82 | /TRENBERT/CTGAN/ER158204 | 1551.0 - 1580.5 |
| May 82 | /TRENBERT/CTGAN/ER158205 | 1581.0 - 1611.5 |
| Jun 82 | /TRENBERT/CTGAN/ER158206 | 1612.0 - 1641.5 |
| Jul 82 | /TRENBERT/CTGAN/ER158207 | 1642.0 - 1672.5 |
| Aug 82 | /TRENBERT/CTGAN/ER158208 | 1673.0 - 1703.5 |
| Sep 82 | /TRENBERT/CTGAN/ER158209 | 1704.0 - 1733.5 |
| Oct 82 | /TRENBERT/CTGAN/ER158210 | 1734.0 - 1764.5 |
| Nov 82 | /TRENBERT/CTGAN/ER158211 | 1765.0 - 1794.5 |

| MONTH | MS PATHNAME | DAY (SINCE 1/1/78) |
|---|---|---|
| Dec 82 | /TRENBERT/CTGAN/ER158212 | 1795.0 - 1825.5 |
| Jan 83 | /TRENBERT/CTGAN/ER158301 | 1826.0 - 1856.5 |
| Feb 83 | /TRENBERT/CTGAN/ER158302 | 1857.0 - 1884.5 |
| Mar 83 | /TRENBERT/CTGAN/ER158303 | 1885.0 - 1915.5 |
| Apr 83 | /TRENBERT/CTGAN/ER158304 | 1916.0 - 1945.5 |
| May 83 | /TRENBERT/CTGAN/ER158305 | 1946.0 - 1976.5 |
| Jun 83 | /TRENBERT/CTGAN/ER158306 | 1977.0 - 2006.5 |
| Jul 83 | /TRENBERT/CTGAN/ER158307 | 2007.0 - 2037.5 |
| Aug 83 | /TRENBERT/CTGAN/ER158308 | 2038.0 - 2068.5 |
| Sep 83 | /TRENBERT/CTGAN/ER158309 | 2069.0 - 2098.5 |
| Oct 83 | /TRENBERT/CTGAN/ER158310 | 2099.0 - 2129.5 |
| Nov 83 | /TRENBERT/CTGAN/ER158311 | 2130.0 - 2159.5 |
| Dec 83 | /TRENBERT/CTGAN/ER158312 | 2160.0 - 2190.5 |
| Jan 84 | /TRENBERT/CTGAN/ER158401 | 2191.0 - 2221.5 |
| Feb 84 | /TRENBERT/CTGAN/ER158402 | 2222.0 - 2250.5 |
| Mar 84 | /TRENBERT/CTGAN/ER158403 | 2251.0 - 2281.5 |
| Apr 84 | /TRENBERT/CTGAN/ER158404 | 2282.0 - 2311.5 |
| May 84 | /TRENBERT/CTGAN/ER158405 | 2312.0 - 2342.5 |
| Jun 84 | /TRENBERT/CTGAN/ER158406 | 2343.0 - 2372.5 |
| Jul 84 | /TRENBERT/CTGAN/ER158407 | 2373.0 - 2403.5 |
| Aug 84 | /TRENBERT/CTGAN/ER158408 | 2404.0 - 2434.5 |
| Sep 84 | /TRENBERT/CTGAN/ER158409 | 2435.0 - 2464.5 |
| Oct 84 | /TRENBERT/CTGAN/ER158410 | 2465.0 - 2495.5 |
| Nov 84 | /TRENBERT/CTGAN/ER158411 | 2496.0 - 2525.5 |
| Dec 84 | /TRENBERT/CTGAN/ER158412 | 2526.0 - 2556.5 |
| Jan 85 | /TRENBERT/CTGAN/ER158501 | 2557.0 - 2587.5 |
| Feb 85 | /TRENBERT/CTGAN/ER158502 | 2588.0 - 2615.5 |
| Mar 85 | /TRENBERT/CTGAN/ER158503 | 2616.0 - 2646.5 |
| Apr 85 | /TRENBERT/CTGAN/ER158504 | 2647.0 - 2676.5 |
| May 85 | /TRENBERT/CTGAN/ER158505 | 2677.0 - 2707.5 |
| Jun 85 | /TRENBERT/CTGAN/ER158506 | 2708.0 - 2737.5 |
| Jul 85 | /TRENBERT/CTGAN/ER158507 | 2738.0 - 2768.5 |
| Aug 85 | /TRENBERT/CTGAN/ER158508 | 2769.0 - 2799.5 |
| Sep 85 | /TRENBERT/CTGAN/ER158509 | 2800.0 - 2829.5 |
| Oct 85 | /TRENBERT/CTGAN/ER158510 | 2830.0 - 2860.5 |
| Nov 85 | /TRENBERT/CTGAN/ER158511 | 2861.0 - 2890.5 |
| Dec 85 | /TRENBERT/CTGAN/ER158512 | 2891.0 - 2921.5 |
| Jan 86 | /TRENBERT/CTGAN/ER158601 | 2922.0 - 2952.5 |
| Feb 86 | /TRENBERT/CTGAN/ER158602 | 2953.0 - 2980.5 |
| Mar 86 | /TRENBERT/CTGAN/ER158603 | 2981.0 - 3011.5 |
| Apr 86 | /TRENBERT/CTGAN/ER158604 | 3012.0 - 3041.5 |
| May 86 | /TRENBERT/CTGAN/ER158605 | 3042.0 - 3072.5 |
| Jun 86 | /TRENBERT/CTGAN/ER158606 | 3073.0 - 3102.5 |
| Jul 86 | /TRENBERT/CTGAN/ER158607 | 3103.0 - 3133.5 |
| Aug 86 | /TRENBERT/CTGAN/ER158608 | 3134.0 - 3164.5 |
| Sep 86 | /TRENBERT/CTGAN/ER158609 | 3165.0 - 3194.5 |
| Oct 86 | /TRENBERT/CTGAN/ER158610 | 3195.0 - 3225.5 |
| Nov 86 | /TRENBERT/CTGAN/ER158611 | 3226.0 - 3255.5 |
| Dec 86 | /TRENBERT/CTGAN/ER158612 | 3256.0 - 3286.5 |

MISSING FIELDS (SET TO 1.E+36)

| MONTH | DATE | DAY # | MISSING FIELD |
|---|---|---|---|
| May 79 | | | |
| | 5/ 7/79 12Z | 491.5 | RH, T, and Q at all levels |
| Oct 85 | | | |
| | 10/15/85 00Z | 2844.0 | U and V at 100 mb |
| Jun 86 | | | |
| | 6/ 8/86 00Z | 3080.0 | U and V at 1000 mb |

# Appendix VI

## ECMWF Mean Statistics on the Mass Store

The following monthly mean statistics have been computed on an R15 grid (so far) and are on the MS volumes as time average save tapes (SAVTAV). The overbar is the monthly time mean, and the $(\,)'$ the departure from the mean.

(i) Levels 1000, 850, 700, 500, 300, 200, 100 mb.

(ii) Mean fields

| | | Symbol |
|---|---|---|
| $\overline{u}, \overline{v}$ | velocity $\quad m\ s^{-1}$ | U,V |
| $\overline{\omega}$ | p-velocity $\quad Pa\ s^{-1}$ | OMEGA |
| $\overline{z}$ | geopotential height $\quad gpm$ | ZA |
| $\overline{T}$ | temperature $\quad °K$ | T |
| $\overline{q}$ | specific humidity $\quad kg/kg$ | Q |
| $\overline{RH}$ | relative humidity $\quad \%$ | RH |
| $\overline{P}_s$ | surface pressure $\quad Pa$ | PS |
| ORO | surface type flag | ORO |
| $\phi_s$ | surface geopotential height $= g_o h_s$ (where $g_o = 9.8\ m\ s^{-1}$) | PHIS |

(iii) Standard deviations, variances and covariances.

[Variances are stored on the SAVE TAPE but the square root (the standard deviation) is the statistic mapped and plotted on the fiche.]

| Statistic | Symbol |
|---|---|
| $\overline{u'^2}, \overline{v'^2}, \overline{\omega'^2}$ | UUP, VVP, WWP |
| $\overline{T'^2}, \overline{z'^2}, \overline{q'^2}$ | TTP, ZZP, QQP |
| $\overline{P_s'^2}, \overline{RH'^2}$ | PSP, RHP |
| $\overline{u'T'}, \overline{v'T'}, \overline{\omega'T'}$ | UTP, VTP, WTP |
| $\overline{u'z'}, \overline{v'z'}, \overline{\omega'z'}$ | UZP, VZP, WP |
| $\overline{u'q'}, \overline{v'q'}, \overline{\omega'q'}$ | UQP, VQP, WQP |
| $\overline{u'v'}, \overline{u'\omega'}, \overline{v'\omega'}$ | UVP, UWP, VWP |

## VI.I Monthly Mean Statistics

The following individual monthly mean statistics have been computed

i) Monthly mean based upon twice daily data (00Z and 12Z)
ii) Data are archived in TIME AVERAGED SAVE TAPE (SAVTAV) format.

| DATA | MS PATHNAME | DAYS NOT INCLUDED IN MEAN: DATE | DAYS NOT INCLUDED IN MEAN: DAY NUMBER |
|---|---|---|---|
| Dec 78 | /TRENBERT/CTGAN/TAV/ER157812M | | |
| | | 12/16/78 00Z | 349.0 |
| Jan 79 | /TRENBERT/CTGAN/TAV/ER157901M | | |
| Feb 79 | /TRENBERT/CTGAN/TAV/ER157902M | | |
| Mar 79 | /TRENBERT/CTGAN/TAV/ER157903M | | |
| Apr 79 | /TRENBERT/CTGAN/TAV/ER157904M | | |
| May 79 | /TRENBERT/CTGAN/TAV/ER157905M | | |
| | | 5/ 7/79 12Z | 491.5 |
| Jun 79 | /TRENBERT/CTGAN/TAV/ER157906M | | |
| Jul 79 | /TRENBERT/CTGAN/TAV/ER157907M | | |
| Aug 79 | /TRENBERT/CTGAN/TAV/ER157908M | | |
| Sep 79 | /TRENBERT/CTGAN/TAV/ER157909M | | |
| Oct 79 | /TRENBERT/CTGAN/TAV/ER157910M | | |
| Nov 79 | /TRENBERT/CTGAN/TAV/ER157911M | | |
| Jan 80 | /TRENBERT/CTGAN/TAV/ER158001M | | |
| Feb 80 | /TRENBERT/CTGAN/TAV/ER158002M | | |
| | | 2/28/80 12Z | 788.5 |
| Mar 80 | /TRENBERT/CTGAN/TAV/ER158003M | | |
| | | 3/ 2/80 12Z | 791.5 |
| | | 3/ 3/80 00Z | 792.0 |
| | | 3/ 3/80 12Z | 792.5 |
| | | 3/ 4/80 00Z | 793.0 |
| | | 3/15/80 12Z | 804.5 |
| | | 3/22/80 00Z | 811.0 |
| Apr 80 | /TRENBERT/CTGAN/TAV/ER158004M | | |
| May 80 | /TRENBERT/CTGAN/TAV/ER158005M | | |
| Jun 80 | /TRENBERT/CTGAN/TAV/ER158006M | | |
| | | 6/21/80 12Z | 902.5 |
| Jul 80 | /TRENBERT/CTGAN/TAV/ER158007M | | |
| Aug 80 | /TRENBERT/CTGAN/TAV/ER158008M | | |
| | | 8/21/80 00Z | 963.0 |
| Sep 80 | /TRENBERT/CTGAN/TAV/ER158009M | | |
| | | 9/25/80 00Z | 998.0 |
| Oct 80 | /TRENBERT/CTGAN/TAV/ER158010M | | |
| Nov 80 | /TRENBERT/CTGAN/TAV/ER158011M | | |
| | | 11/24/80 12Z | 1058.5 |
| Dec 80 | /TRENBERT/CTGAN/TAV/ER158012M | | |
| | | 12/24/80 00Z | 1088.0 |
| | | 12/24/80 12Z | 1088.5 |
| | | 12/25/80 00Z | 1089.0 |
| | | 12/25/80 12Z | 1089.5 |

| DATA | MS PATHNAME | DAYS NOT INCLUDED IN MEAN<br>DATE | DAY NUMBER |
|---|---|---|---|
| Jan 81 | /TRENBERT/CTGAN/TAV/ER158101M | | |
| | | 1/ 2/81 00Z | 1097.0 |
| | | 1/ 2/81 12Z | 1097.5 |
| | | 1/ 8/81 00Z | 1103.0 |
| | | 1/ 8/81 12Z | 1103.5 |
| Feb 81 | /TRENBERT/CTGAN/TAV/ER158102M | | |
| | | 2/23/81 12Z | 1149.5 |
| Mar 81 | /TRENBERT/CTGAN/TAV/ER158103M | | |
| Apr 81 | /TRENBERT/CTGAN/TAV/ER158104M | | |
| May 81 | /TRENBERT/CTGAN/TAV/ER158105M | | |
| Jun 81 | /TRENBERT/CTGAN/TAV/ER158106M | | |
| Jul 81 | /TRENBERT/CTGAN/TAV/ER158107M | | |
| Aug 81 | /TRENBERT/CTGAN/TAV/ER158108M | | |
| Sep 81 | /TRENBERT/CTGAN/TAV/ER158109M | | |
| Oct 81 | /TRENBERT/CTGAN/TAV/ER158110M | | |
| Nov 81 | /TRENBERT/CTGAN/TAV/ER158111M | | |
| Dec 81 | /TRENBERT/CTGAN/TAV/ER158112M | | |
| Jan 82 | /TRENBERT/CTGAN/TAV/ER158201M | | |
| Feb 82 | /TRENBERT/CTGAN/TAV/ER158202M | | |
| Mar 82 | /TRENBERT/CTGAN/TAV/ER158203M | | |
| | | 3/ 9/82 00Z | 1528.0 |
| Apr 82 | /TRENBERT/CTGAN/TAV/ER158204M | | |
| May 82 | /TRENBERT/CTGAN/TAV/ER158205M | | |
| Jun 82 | /TRENBERT/CTGAN/TAV/ER158206M | | |
| Jul 82 | /TRENBERT/CTGAN/TAV/ER158207M | | |
| Aug 82 | /TRENBERT/CTGAN/TAV/ER158208M | | |
| Sep 82 | /TRENBERT/CTGAN/TAV/ER158209M | | |
| Oct 82 | /TRENBERT/CTGAN/TAV/ER158210M | | |
| Nov 82 | /TRENBERT/CTGAN/TAV/ER158211M | | |
| Dec 82 | /TRENBERT/CTGAN/TAV/ER158212M | | |
| Jan 83 | /TRENBERT/CTGAN/TAV/ER158301M | | |
| Feb 83 | /TRENBERT/CTGAN/TAV/ER158302M | | |
| Mar 83 | /TRENBERT/CTGAN/TAV/ER158303M | | |
| Apr 83 | /TRENBERT/CTGAN/TAV/ER158304M | | |
| May 83 | /TRENBERT/CTGAN/TAV/ER158305M | | |
| Jun 83 | /TRENBERT/CTGAN/TAV/ER158306M | | |
| Jul 83 | /TRENBERT/CTGAN/TAV/ER158307M | | |
| Aug 83 | /TRENBERT/CTGAN/TAV/ER158308M | | |
| Sep 83 | /TRENBERT/CTGAN/TAV/ER158309M | | |
| Oct 83 | /TRENBERT/CTGAN/TAV/ER158310M | | |
| Nov 83 | /TRENBERT/CTGAN/TAV/ER158311M | | |
| Dec 83 | /TRENBERT/CTGAN/TAV/ER158312M | | |
| Jan 84 | /TRENBERT/CTGAN/TAV/ER158401M | | |
| Feb 84 | /TRENBERT/CTGAN/TAV/ER158402M | | |
| Mar 84 | /TRENBERT/CTGAN/TAV/ER158403M | | |
| Apr 84 | /TRENBERT/CTGAN/TAV/ER158404M | | |
| May 84 | /TRENBERT/CTGAN/TAV/ER158405M | | |
| Jun 84 | /TRENBERT/CTGAN/TAV/ER158406M | | |
| Jul 84 | /TRENBERT/CTGAN/TAV/ER158407M | | |

| DATA | MS PATHNAME | DAYS NOT INCLUDED IN MEAN | |
|---|---|---|---|
| | | DATE | DAY NUMBER |
| Aug 84 | /TRENBERT/CTGAN/TAV/ER158408M | | |
| Sep 84 | /TRENBERT/CTGAN/TAV/ER158409M | | |
| Oct 84 | /TRENBERT/CTGAN/TAV/ER158410M | | |
| Nov 84 | /TRENBERT/CTGAN/TAV/ER158411M | | |
| Dec 84 | /TRENBERT/CTGAN/TAV/ER158412M | | |
| Jan 85 | /TRENBERT/CTGAN/TAV/ER158501M | | |
| Feb 85 | /TRENBERT/CTGAN/TAV/ER158502M | | |
| Mar 85 | /TRENBERT/CTGAN/TAV/ER158503M | | |
| Apr 85 | /TRENBERT/CTGAN/TAV/ER158504M | | |
| May 85 | /TRENBERT/CTGAN/TAV/ER158505M | | |
| Jun 85 | /TRENBERT/CTGAN/TAV/ER158506M | | |
| Jul 85 | /TRENBERT/CTGAN/TAV/ER158507M | | |
| Aug 85 | /TRENBERT/CTGAN/TAV/ER158508M | | |
| Sep 85 | /TRENBERT/CTGAN/TAV/ER158509M | | |
| Oct 85 | /TRENBERT/CTGAN/TAV/ER158510M | | |
| | | 10/15/85 00Z | 2844.0 |
| Nov 85 | /TRENBERT/CTGAN/TAV/ER158511M | | |
| Dec 85 | /TRENBERT/CTGAN/TAV/ER158512M | | |
| Jan 86 | /TRENBERT/CTGAN/TAV/ER158601M | | |
| Feb 86 | /TRENBERT/CTGAN/TAV/ER158602M | | |
| Mar 86 | /TRENBERT/CTGAN/TAV/ER158603M | | |
| Apr 86 | /TRENBERT/CTGAN/TAV/ER158604M | | |
| May 86 | /TRENBERT/CTGAN/TAV/ER158605M | | |
| Jun 86 | /TRENBERT/CTGAN/TAV/ER158606M | | |
| | | 6/ 8/86 00Z | 3080.0 |
| Jul 86 | /TRENBERT/CTGAN/TAV/ER158607M | | |
| Aug 86 | /TRENBERT/CTGAN/TAV/ER158608M | | |
| Sep 86 | /TRENBERT/CTGAN/TAV/ER158609M | | |
| Oct 86 | /TRENBERT/CTGAN/TAV/ER158610M | | |
| Nov 86 | /TRENBERT/CTGAN/TAV/ER158611M | | |
| Dec 86 | /TRENBERT/CTGAN/TAV/ER158612M | | |

## VI.II Long-term Mean Statistics

The following is a list of files containing ensemble mean statistics of FGGE and ECMWF data for each month.

i) Ensemble mean based upon monthly mean data listed in Appendix VI.I.
ii) Data are archived in TIME AVERAGED SAVE TAPE (SAVTAV) format.

| MONTH | MS PATHNAME | YEARS INCLUDED IN MEAN |
|---|---|---|
| Jan | /TRENBERT/CTGAN/TAV/ER1501M8085 | 1980-1985 |
| | /TRENBERT/CTGAN/TAV/ER1501M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1501M7986 | 1979-1986 |
| Feb | /TRENBERT/CTGAN/TAV/ER1502M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1502M7986 | 1979-1986 |
| Mar | /TRENBERT/CTGAN/TAV/ER1503M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1503M7986 | 1979-1986 |
| Apr | /TRENBERT/CTGAN/TAV/ER1504M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1504M7986 | 1979-1986 |
| May | /TRENBERT/CTGAN/TAV/ER1505M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1505M7986 | 1979-1986 |
| Jun | /TRENBERT/CTGAN/TAV/ER1506M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1506M7986 | 1979-1986 |
| Jul | /TRENBERT/CTGAN/TAV/ER1507M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1507M7986 | 1979-1986 |
| Aug | /TRENBERT/CTGAN/TAV/ER1508M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1508M7986 | 1979-1986 |
| Sep | /TRENBERT/CTGAN/TAV/ER1509M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1509M7986 | 1979-1986 |
| Oct | /TRENBERT/CTGAN/TAV/ER1510M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1510M7986 | 1979-1986 |
| Nov | /TRENBERT/CTGAN/TAV/ER1511M7985 | 1979-1985 |
| | /TRENBERT/CTGAN/TAV/ER1511M7986 | 1979-1986 |
| Dec | /TRENBERT/CTGAN/TAV/ER1512M7885 | 1978, 1980-1985 |
| | /TRENBERT/CTGAN/TAV/ER1512M7886 | 1978, 1980-1986 |

# Appendix VII

## Input Control Parameters to the CCM Processor

The following is a listing of the CCM Processor Input Control Parameters used to generate the fiche for January (in the back of the book). The CRAY JCL deck is not included here.

```
C
C THESE CCM INSTRUCTIONS WILL BE READ IN 2 JOB STEPS
C (INSTRUCTIONS DO NOT HAVE TO BE IN ANY SPECIFIC ORDER WITHIN A JOB
C STEP)
C
C
C
C**********************************************************************
C                          JOB STEP 1
C                     INPUT CONTROL PARAMETERS
C**********************************************************************
C
C INPUT SPECIFICATIONS FOR CASE A (THERE WILL BE NO CASE B)
C
C       1)  DATA SET TYPE
C       2)  PLOT TITLE
C       3)  MS PATHNAME (2 INSTRUCTIONS)
C
 TYPEA='SAVTAV'
 TITLEA='EC R15 JANUARY (ENSEMBLE AVERAGE  1979-1986)'
 MSPFXI='/TRENBERT/CTGAN/TAV/'
 TAPESA='ER15O1M7986'
C
C DO NOT DISPOSE PLOTS DURING THIS JOB STEP (WILL BE DONE IN NEXT JOB
C STEP)
C
 DPLTMF='NO'
C
C SPECIFY FIELDS TO BE READ INTO MEMORY
C
 FIELDA1=    'U',    'V',    'T',   'ZA','OMEGA',    'Q',
           'UUP',  'VVP',  'WWP',  'TTP',  'ZZP',  'QQP',
           'UTP',  'VTP',  'WTP',  'UZP',  'VZP',  'WZP',
           'UQP',  'VQP',  'WQP',  'UVP',  'UWP',  'VWP',
            'PS',   'RH',  'RHP'
C
C DATA PROCESSING AND PLOT OPTIONS
C
 ZONAVG='YES'
 SURFLEV='NO'
 HPROJ='RECT'
 MXASPRT=0.5
C
C CONTOUR INTERVAL FOR HORIZONTAL PLOTS (3 PARAMETERS/FIELD)
C
C       1)  FIELD NAME
C       2)  PRESSURE LEVEL AT AND ABOVE WHICH DATA WILL BE CONTOURED
C           WITH THE SPECIFIED CONTOUR INTERVAL
C       3)  CONTOUR INTERVAL (-1. ==> DO NOT PLOT AT OR ABOVE SPECIFIED
C           PRESSURE LEVEL)
C
 HPCINT=    'U',1000.,     5.,    'U', 500.,    10.,
            'V',1000.,     5.,    'T',1000.,     5.,
           'ZA',1000.,    60.,   'ZA', 500.,   120.,
        'OMEGA',1000.,    0.1,    'Q',1000., 2.E-03,
            'Q', 500., 1.E-03,    'Q', 300., 1.E-04,
            'Q', 200.,    -1.,
```

```
         'PS',1000.,  5000.,
         'RH',1000.,    10.,    'RH', 200.,    -1.,
'UUP',1000.,    -1.,
'VVP',1000.,    -1.,
'WWP',1000.,    -1.,
'TTP',1000.,    -1.,
'ZZP',1000.,    -1.,
'QQP',1000.,    -1.,
'UTP',1000.,    10.,
'VTP',1000.,    10.,
'WTP',1000.,    -1.,'WTP', 850.,    0.2,'WTP', 300.,   0.05,
'WTP', 100.,    -1.,
'UZP',1000.,    -1.,'UZP', 850.,   200.,'UZP', 300.,   400.,
'UZP', 100.,    -1.,
'VZP',1000.,    -1.,'VZP', 850.,   200.,'VZP', 300.,   400.,
'VZP', 100.,    -1.,
'WZP',1000.,    -1.,'WZP', 850.,     1.,'WZP', 500.,     2.,
'WZP', 200.,     1.,'WZP', 100.,    -1.,
'UQP',1000.,    -1.,'UQP', 850., 2.E-03,'UQP', 500., 1.E-03,
'UQP', 200.,    -1.,
'VQP',1000.,    -1.,'VQP', 850., 2.E-03,'VQP', 500., 1.E-03,
'VQP', 200.,    -1.,
'WQP',1000.,    -1.,'WQP', 850., 4.E-05,'WQP', 500., 2.E-05,
'WQP', 300., 5.E-06,'WQP', 200.,    -1.,
'UVP',1000.,     5.,'UVP', 850.,    10.,'UVP', 300.,    20.,
'UWP',1000.,    -1.,'UWP', 850.,    0.4,'UWP', 300.,    0.2,
'UWP', 100.,    -1.,
'VWP',1000.,    -1.,'VWP', 850.,    0.4,'VWP', 300.,    0.2,
'VWP', 100.,    -1.,
'RHP',1000.,    -1.
C
C SCALE FACTORS FOR HORIZONTAL PLOTS (3 PARAMETERS/FIELD)
C
C       1)  FIELD NAME
C       2)  PRESSURE LEVEL AT AND ABOVE WHICH THE SCALE FACTOR IS VALID
C       3)  SCALE FACTOR
C
 HPSCAL='OMEGA',1000.,   100.,   'ZA',1000.,    0.1,
            'Q',1000., 10000.,   'PS',1000., 1.E-02,
 'WTP',1000.,   100.,'UQP',1000., 1.E+04,'VQP',1000., 1.E+04,
 'WQP',1000., 1.E+06,'UWP',1000.,   100.,'VWP',1000.,   100.
C
C CONTOUR INTERVALS FOR MERIDIONAL CROSS-SECTIONS (2 PARAMETERS/FIELD)
C
C       1)  FIELD NAME
C       2)  CONTOUR INTERVAL (-1. ==> DO NOT PLOT)
C
 MXCINT=    'U',     5.,     'V',   0.25,     'T',     5.,
           'ZA',    -1.,'OMEGA', 5.E-03,     'Q', 2.E-03,
           'PS',    -1.,    'RH',    10.,
 'UUP',    -1.,'VVP',    -1.,'WWP',    -1.,'TTP',    -1.,
 'ZZP',    -1.,'QQP',    -1.,'UTP',     4.,'VTP',     2.,
 'WTP',  0.05,'UZP',   200.,'VZP',    20.,'WZP',    0.5,
 'UQP', 5.E-04,'VQP', 1.E-03,'WQP', 1.E-05,'UVP',    10.,
 'UWP',  0.05,'VWP',    0.2,'RHP',    -1.
C
C SCALE FACTORS FOR MERIDIONAL CROSS-SECTIONS (2 PARAMETERS/FIELD)
C
C       1)  FIELD NAME
C       2)  SCALE FACTOR
C
 MXSCAL='OMEGA',   100.,    'Q', 10000.,
 'WTP',   100.,'UQP', 1.E+04,'VQP', 1.E+04,'WQP', 1.E+06,
 'UWP',   100.,'VWP',   100.
C
C ************** END OF JOB STEP 1 *****************
C
 ENDOFDATA
```

```
C
C*************************************************************************
C                              JOB STEP 2
C                         INPUT CONTROL PARAMETERS
C*************************************************************************
C
 TYPEA='SAVTAV'
 TITLEA='EC R15 JANUARY (ENSEMBLE AVERAGE  1979-1986)'
 MSPFXI='/TRENBERT/CTGAN/TAV/'
 TAPESA='ER15O1M7986'
C
C DISPOSE PLOTS (FROM BOTH JOB STEPS) TO DICOMED (FICHE)
C
 DPLTMF='D1'
C
C SPECIFY FIELDS TO BE READ INTO MEMORY OR COMPUTED IN "DERFLD"
C INSTRUCTION
C
 FIELDA1=   'U',   'V', 'UTP', 'VTP', 'UZP',
           'VZP', 'UQP', 'VQP', 'SDU', 'SDV',
           'SDW', 'SDT', 'SDZ', 'SDQ','SDRH',
            'US',  'VS',  'TS',  'ZS',  'QS',
            'UVS', 'VTS', 'VQS', 'KEP'
C
 ZONAVG='YES'
 SURFLEV='NO'
 HPROJ='RECT'
 MXASPRT=0.5
C
C DERIVE
C       1)  STANDARD DEVIATION STATISTICS
C       2)  TRANSPORT STATISTICS
C       3)  EDDY K.E.
C
C   (USING REVERSE POLISH NOTATION)
C
 DERFLD= 'SDU',14,1,2,0,'UUP','.SQRT','.END',
         'SDV',14,1,2,0,'VVP','.SQRT','.END',
         'SDW',14,1,2,0,'WWP','.SQRT','.END',
         'SDT',14,1,2,0,'TTP','.SQRT','.END',
         'SDZ',14,1,2,0,'ZZP','.SQRT','.END',
         'SDQ',14,1,2,0,'QQP','.SQRT','.END',
        'SDRH',14,1,2,0,'RHP','.SQRT','.END',
          'US',14,1,2,0, 'U','.ZAVDEV','.END',
          'VS',14,1,2,0, 'V','.ZAVDEV','.END',
          'TS',14,1,2,0, 'T','.ZAVDEV','.END',
          'ZS',14,1,2,0,'ZA','.ZAVDEV','.END',
          'QS',14,1,2,0, 'Q','.ZAVDEV','.END',
         'UVS',14,1,2,0,'US','VS',':TIMES','.END',
         'VTS',14,1,2,0,'VS','TS',':TIMES','.END',
         'VQS',14,1,2,0,'VS','QS',':TIMES','.END',
         'KEP',14,1,2,0,
              'UUP','VVP',':PLUS',0.5,':TIMES','.END'
C
C VECTOR PLOTTING - COMBINING 2 SCALAR FIELDS INTO A VECTOR FIELD
C (3 PARAMETERS/VECTOR FIELD)
C
C       1)  SCALAR FIELD 1
C       2)  SCALAR FIELD 2
C       3)  OUTPUT FIELD NAME
C
 HPLFPV1=  'U',  'V','WIND',
          'UTP','VTP', 'TFL',
          'UZP','VZP', 'ZFL',
          'UQP','VQP', 'QFL'
C
C VECTOR PLOT OPTIONS
C
 HPVDIN=2
 HPVOPT='VCON'
```

```
C
C LENGTH SCALE FOR VECTORS (3 PARAMETERS/FIELD)
C
C       1)  VECTOR FIELD NAME
C       2)  PRESSURE LEVEL AT AND ABOVE WHICH THE LENGTH SCALE IS VALID
C       3)  LENGTH SCALE (VALUE CORRESPONDS TO A UNIT ARROW LENGTH)
C
 HPVSCAL=
 'WIND',1000.,    10.,'WIND', 700.,    20.,'WIND', 500.,    30.,
 'WIND', 300.,    50.,
  'TFL',1000.,    50.,
  'ZFL',1000.,    -1., 'ZFL', 500.,  1000., 'ZFL', 100.,    -1.,
  'QFL',1000.,    -1., 'QFL', 850.,  0.01, 'QFL', 300.,    -1.
C
C CONTOUR INTERVAL FOR HORIZONTAL PLOTS
C
 HPCINT=
  'SDU',1000.,    2.5,
  'SDV',1000.,    2.5,
  'SDW',1000.,    -1., 'SDW', 850.,   0.04, 'SDW', 200.,   0.02,
  'SDW', 100.,    -1.,
  'SDT',1000.,     1.,
  'SDZ',1000.,    20., 'SDZ', 300.,    40.,
  'SDQ',1000.,    -1., 'SDQ', 850., 4.E-04, 'SDQ', 500., 2.E-04,
  'SDQ', 300., 5.E-05, 'SDQ', 200.,    -1.,
 'SDRH',1000.,    -1.,'SDRH', 850.,     5.,'SDRH', 200.,    -1.,
   'US',1000.,    -1.,
   'VS',1000.,    -1.,
   'TS',1000.,     4.,  'TS', 500.,     2.,
   'ZS',1000.,    25.,  'ZS', 300.,    50.,
   'QS',1000.,    -1.,  'QS', 850., 1.E-03,  'QS', 500., 5.E-04,
   'QS', 300., 5.E-05,   'QS', 200.,    -1.,
  'UVS',1000.,    -1.,
  'VTS',1000.,    -1.,
  'VQS',1000.,    -1.,
  'KEP',1000.,    -1., 'KEP', 850.,    25., 'KEP', 500.,    50.,
  'KEP', 100.,    -1.,
 'WIND',1000.,     5.,'WIND', 500.,    10.,
  'TFL',1000.,    10.,
  'ZFL',1000.,    -1., 'ZFL', 500.,   500., 'ZFL', 100.,    -1.,
  'QFL',1000.,    -1., 'QFL', 850., 5.E-03, 'QFL', 500.,2.5E-03,
  'QFL', 300.,    -1.

C
C SCALE FACTORS FOR HORIZONTAL PLOTS
C
 HPSCAL=
  'SDW',1000.,   100., 'SDZ',1000.,    0.1, 'SDQ',1000., 10000.,
   'ZS',1000.,    0.1,  'QS',1000., 10000., 'QFL',1000., 10000.
C
C CONTOUR INTERVALS FOR MERIDIONAL CROSS-SECTIONS
C
 MXCINT=
    'U',    -1.,    'V',    -1., 'UTP',    -1., 'VTP',    -1.,
  'UZP',    -1., 'VZP',    -1., 'UQP',    -1., 'VQP',    -1.,
  'SDU',    2.0, 'SDV',    2.0, 'SDW',  0.025, 'SDT',    1.0,
  'SDZ',    20., 'SDQ', 5.E-04,'SDRH',    2.5,
   'US',    -1.,  'VS',    -1.,  'TS',    -1.,  'ZS',    -1.,
   'QS',    -1., 'UVS',     5., 'VTS',     3., 'VQS', 5.E-04,
  'KEP',    30.
C
C SCALE FACTORS FOR MERIDIONAL CROSS-SECTIONS
C
 MXSCAL=
  'SDW',   100., 'SDZ',    0.1, 'SDQ', 10000.,
  'VQS', 10000.
C
C ************** END OF JOB STEP 2 *****************
C
 ENDOFDATA
```

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 1000.P | A | 365.0 TO 2922.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 850.0P | A | 365.0 TO 2922.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 700.0P | A | 365.0 TO 2922.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 500.0P | A | 365.0 TO 2922.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 300.0P | A | 365.0 TO 2922.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 200.0P | A | 365.0 TO 2922.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | U | 100.0P | A | 365.0 TO 2922.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 1000.P | A | 365.0 TO 2922.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 850.0P | A | 365.0 TO 2922.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 700.0P | A | 365.0 TO 2922.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 500.0P | A | 365.0 TO 2922.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 300.0P | A | 365.0 TO 2922.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 200.0P | A | 365.0 TO 2922.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | V | 100.0P | A | 365.0 TO 2922.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 1000.P | A | 365.0 TO 2922.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 850.0P | A | 365.0 TO 2922.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 700.0P | A | 365.0 TO 2922.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 500.0P | A | 365.0 TO 2922.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 300.0P | A | 365.0 TO 2922.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 200.0P | A | 365.0 TO 2922.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | T | 100.0P | A | 365.0 TO 2922.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 1000.P | A | 365.0 TO 2922.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 850.0P | A | 365.0 TO 2922.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 700.0P | A | 365.0 TO 2922.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 500.0P | A | 365.0 TO 2922.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 300.0P | A | 365.0 TO 2922.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 200.0P | A | 365.0 TO 2922.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | ZA | 100.0P | A | 365.0 TO 2922.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 1000.P | A | 365.0 TO 2922.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 850.0P | A | 365.0 TO 2922.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 700.0P | A | 365.0 TO 2922.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 500.0P | A | 365.0 TO 2922.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 300.0P | A | 365.0 TO 2922.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 200.0P | A | 365.0 TO 2922.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | OMEGA | 100.0P | A | 365.0 TO 2922.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | Q | 1000.P | A | 365.0 TO 2922.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | Q | 850.0P | A | 365.0 TO 2922.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | Q | 700.0P | A | 365.0 TO 2922.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | Q | 500.0P | A | 365.0 TO 2922.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | Q | 300.0P | A | 365.0 TO 2922.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 1000.P | A | 365.0 TO 2922.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 850.0P | A | 365.0 TO 2922.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 700.0P | A | 365.0 TO 2922.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 500.0P | A | 365.0 TO 2922.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 300.0P | A | 365.0 TO 2922.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 200.0P | A | 365.0 TO 2922.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UTP | 100.0P | A | 365.0 TO 2922.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 1000.P | A | 365.0 TO 2922.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 850.0P | A | 365.0 TO 2922.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 700.0P | A | 365.0 TO 2922.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 500.0P | A | 365.0 TO 2922.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 300.0P | A | 365.0 TO 2922.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 200.0P | A | 365.0 TO 2922.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 100.0P | A | 365.0 TO 2922.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 850.0P | A | 365.0 TO 2922.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 700.0P | A | 365.0 TO 2922.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 500.0P | A | 365.0 TO 2922.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 300.0P | A | 365.0 TO 2922.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 200.0P | A | 365.0 TO 2922.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 850.0P | A | 365.0 TO 2922.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 700.0P | A | 365.0 TO 2922.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 500.0P | A | 365.0 TO 2922.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 300.0P | A | 365.0 TO 2922.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 200.0P | A | 365.0 TO 2922.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 850.0P | A | 365.0 TO 2922.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 700.0P | A | 365.0 TO 2922.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 500.0P | A | 365.0 TO 2922.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 300.0P | A | 365.0 TO 2922.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 200.0P | A | 365.0 TO 2922.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 850.0P | A | 365.0 TO 2922.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 700.0P | A | 365.0 TO 2922.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 500.0P | A | 365.0 TO 2922.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 300.0P | A | 365.0 TO 2922.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 200.0P | A | 365.0 TO 2922.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 850.0P | A | 365.0 TO 2922.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 700.0P | A | 365.0 TO 2922.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 500.0P | A | 365.0 TO 2922.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 300.0P | A | 365.0 TO 2922.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 850.0P | A | 365.0 TO 2922.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 700.0P | A | 365.0 TO 2922.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 500.0P | A | 365.0 TO 2922.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 300.0P | A | 365.0 TO 2922.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 850.0P | A | 365.0 TO 2922.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 700.0P | A | 365.0 TO 2922.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 500.0P | A | 365.0 TO 2922.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 300.0P | A | 365.0 TO 2922.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 1000.P | A | 365.0 TO 2922.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 850.0P | A | 365.0 TO 2922.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 700.0P | A | 365.0 TO 2922.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 500.0P | A | 365.0 TO 2922.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 300.0P | A | 365.0 TO 2922.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 200.0P | A | 365.0 TO 2922.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 100.0P | A | 365.0 TO 2922.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 850.0P | A | 365.0 TO 2922.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 700.0P | A | 365.0 TO 2922.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 500.0P | A | 365.0 TO 2922.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 300.0P | A | 365.0 TO 2922.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 200.0P | A | 365.0 TO 2922.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 850.0P | A | 365.0 TO 2922.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 700.0P | A | 365.0 TO 2922.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 500.0P | A | 365.0 TO 2922.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 300.0P | A | 365.0 TO 2922.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 200.0P | A | 365.0 TO 2922.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | PS | 1000.S | A | 365.0 TO 2922.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 1000.P | A | 365.0 TO 2922.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 850.0P | A | 365.0 TO 2922.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 700.0P | A | 365.0 TO 2922.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 500.0P | A | 365.0 TO 2922.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 300.0P | A | 365.0 TO 2922.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 365.0 TO 2922.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 365.0 TO 2922.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 1000.P | A | 365.0 TO 2922.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 850.0P | A | 365.0 TO 2922.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 700.0P | A | 365.0 TO 2922.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 500.0P | A | 365.0 TO 2922.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 300.0P | A | 365.0 TO 2922.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 200.0P | A | 365.0 TO 2922.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 100.0P | A | 365.0 TO 2922.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 1000.P | A | 365.0 TO 2922.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 850.0P | A | 365.0 TO 2922.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 700.0P | A | 365.0 TO 2922.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 500.0P | A | 365.0 TO 2922.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 300.0P | A | 365.0 TO 2922.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 200.0P | A | 365.0 TO 2922.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 100.0P | A | 365.0 TO 2922.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 850.0P | A | 365.0 TO 2922.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 700.0P | A | 365.0 TO 2922.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 500.0P | A | 365.0 TO 2922.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 300.0P | A | 365.0 TO 2922.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 200.0P | A | 365.0 TO 2922.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 1000.P | A | 365.0 TO 2922.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 850.0P | A | 365.0 TO 2922.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 700.0P | A | 365.0 TO 2922.0 |

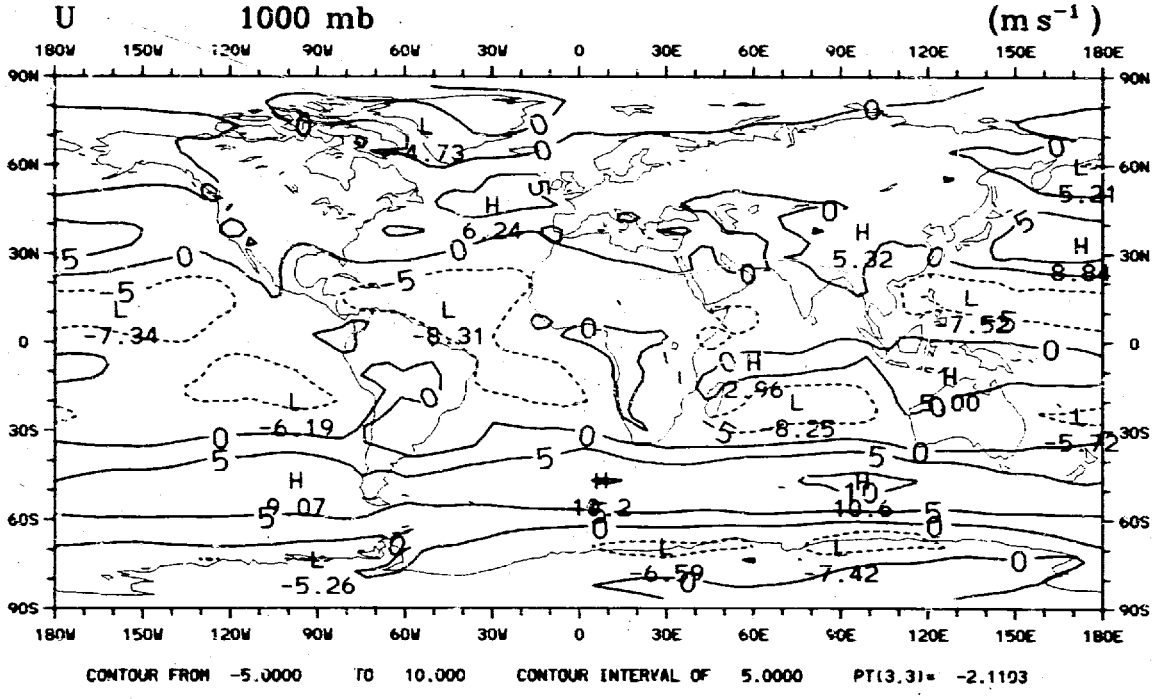
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 500.0P | A | 365.0 TO 2922.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 300.0P | A | 365.0 TO 2922.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 200.0P | A | 365.0 TO 2922.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 100.0P | A | 365.0 TO 2922.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 1000.P | A | 365.0 TO 2922.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 850.0P | A | 365.0 TO 2922.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 700.0P | A | 365.0 TO 2922.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 500.0P | A | 365.0 TO 2922.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 300.0P | A | 365.0 TO 2922.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 200.0P | A | 365.0 TO 2922.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 100.0P | A | 365.0 TO 2922.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 850.0P | A | 365.0 TO 2922.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 700.0P | A | 365.0 TO 2922.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 500.0P | A | 365.0 TO 2922.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 300.0P | A | 365.0 TO 2922.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 850.0P | A | 365.0 TO 2922.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 700.0P | A | 365.0 TO 2922.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 500.0P | A | 365.0 TO 2922.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 300.0P | A | 365.0 TO 2922.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 1000.P | A | 365.0 TO 2922.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 850.0P | A | 365.0 TO 2922.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 700.0P | A | 365.0 TO 2922.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 500.0P | A | 365.0 TO 2922.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 300.0P | A | 365.0 TO 2922.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 200.0P | A | 365.0 TO 2922.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 100.0P | A | 365.0 TO 2922.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 1000.P | A | 365.0 TO 2922.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 850.0P | A | 365.0 TO 2922.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 700.0P | A | 365.0 TO 2922.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 500.0P | A | 365.0 TO 2922.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 300.0P | A | 365.0 TO 2922.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 200.0P | A | 365.0 TO 2922.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 100.0P | A | 365.0 TO 2922.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 850.0P | A | 365.0 TO 2922.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 700.0P | A | 365.0 TO 2922.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 500.0P | A | 365.0 TO 2922.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 300.0P | A | 365.0 TO 2922.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | KEP | 850.0P | A | 365.0 TO 2922.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | KEP | 700.0P | A | 365.0 TO 2922.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | KEP | 500.0P | A | 365.0 TO 2922.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | KEP | 300.0P | A | 365.0 TO 2922.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | KEP | 200.0P | A | 365.0 TO 2922.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 1000.P | A | 365.0 TO 2922.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 850.0P | A | 365.0 TO 2922.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 700.0P | A | 365.0 TO 2922.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 500.0P | A | 365.0 TO 2922.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 300.0P | A | 365.0 TO 2922.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 200.0P | A | 365.0 TO 2922.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 100.0P | A | 365.0 TO 2922.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 1000.P | A | 365.0 TO 2922.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

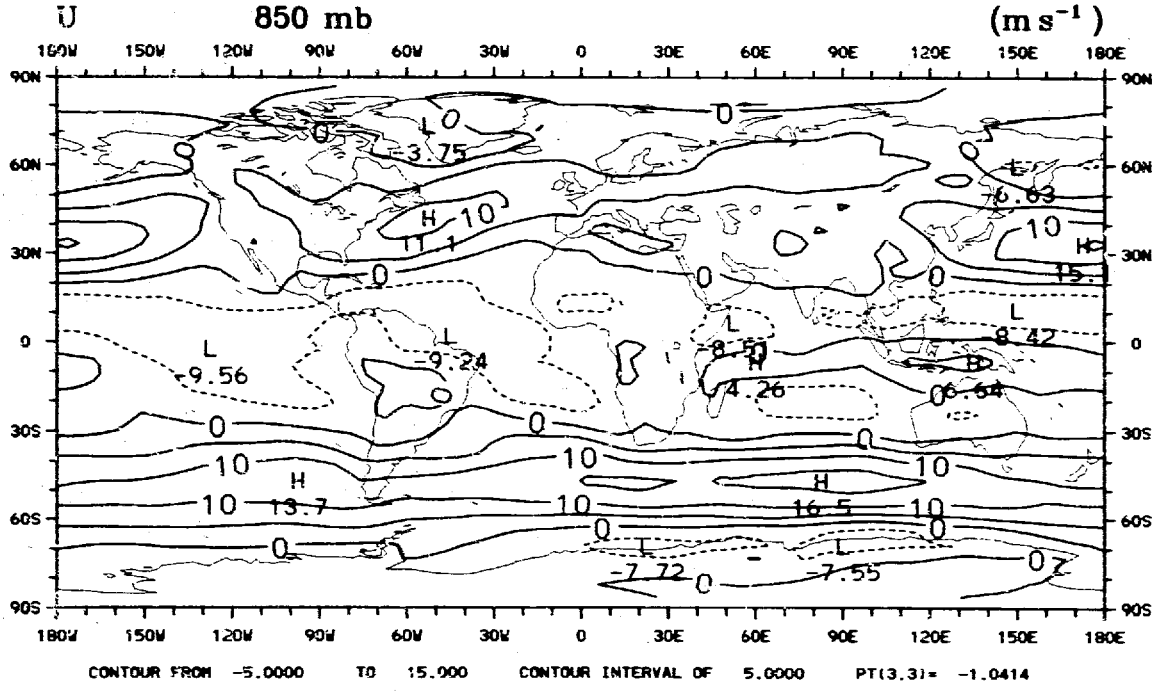
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 850.0P | A | 365.0 TO 2922.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 700.0P | A | 365.0 TO 2922.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 500.0P | A | 365.0 TO 2922.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 300.0P | A | 365.0 TO 2922.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 200.0P | A | 365.0 TO 2922.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 100.0P | A | 365.0 TO 2922.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | ZFL | 500.0P | A | 365.0 TO 2922.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | ZFL | 300.0P | A | 365.0 TO 2922.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | ZFL | 200.0P | A | 365.0 TO 2922.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | QFL | 850.0P | A | 365.0 TO 2922.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | QFL | 700.0P | A | 365.0 TO 2922.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | QFL | 500.0P | A | 365.0 TO 2922.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 365.0 TO 2922.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 365.0 TO 2922.0 |

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



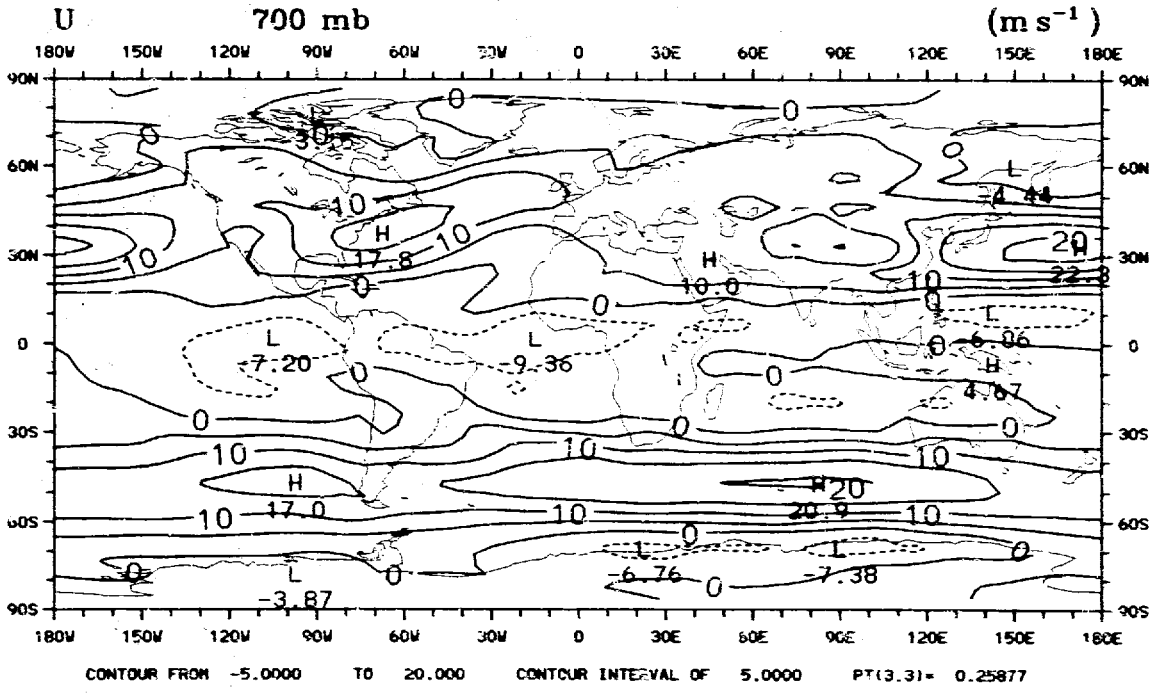

FRAME 1.1

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



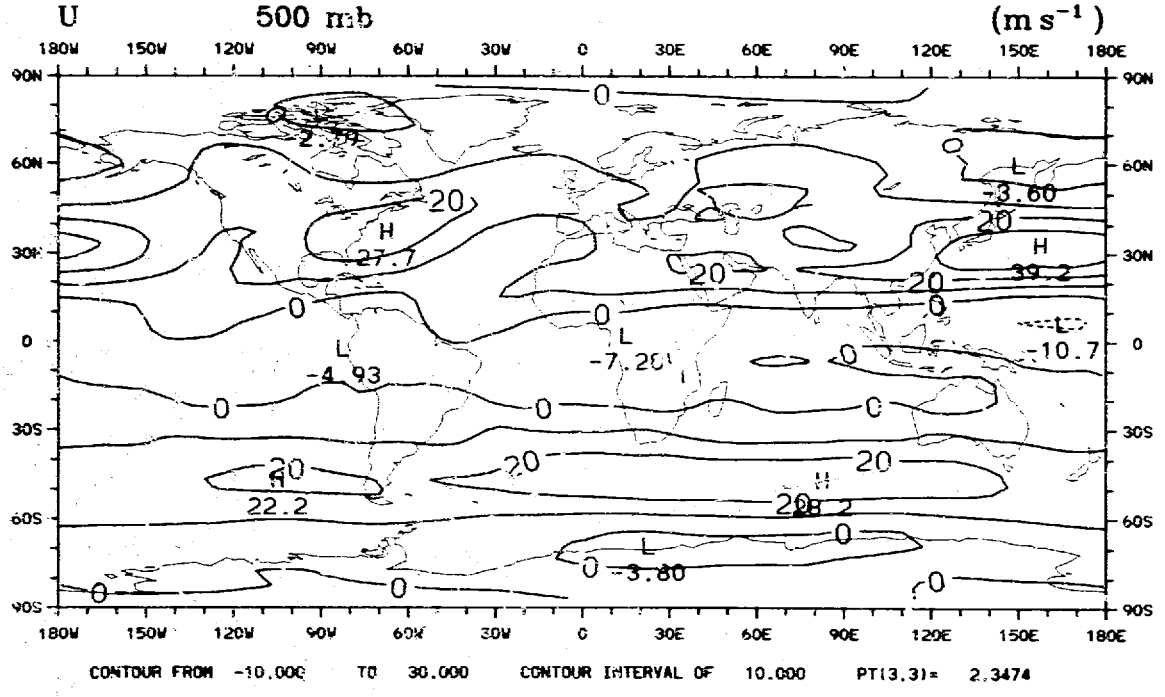

FRAME 1.2

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



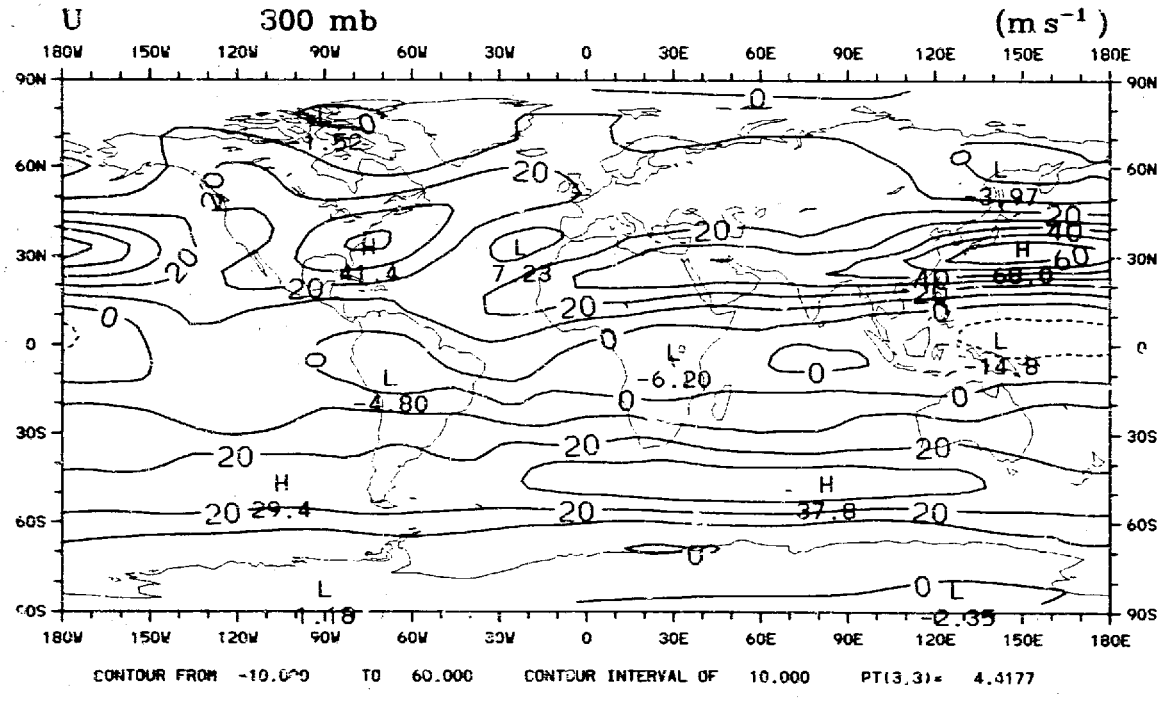

FRAME 1.3

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



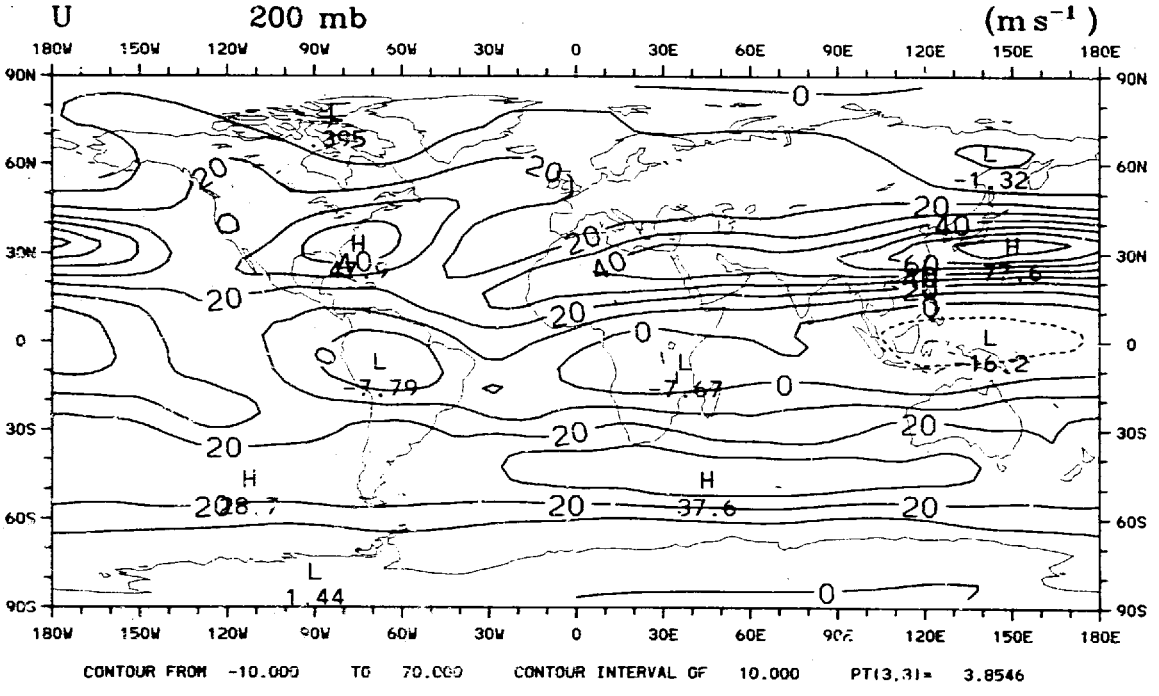

FRAME 1.4

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



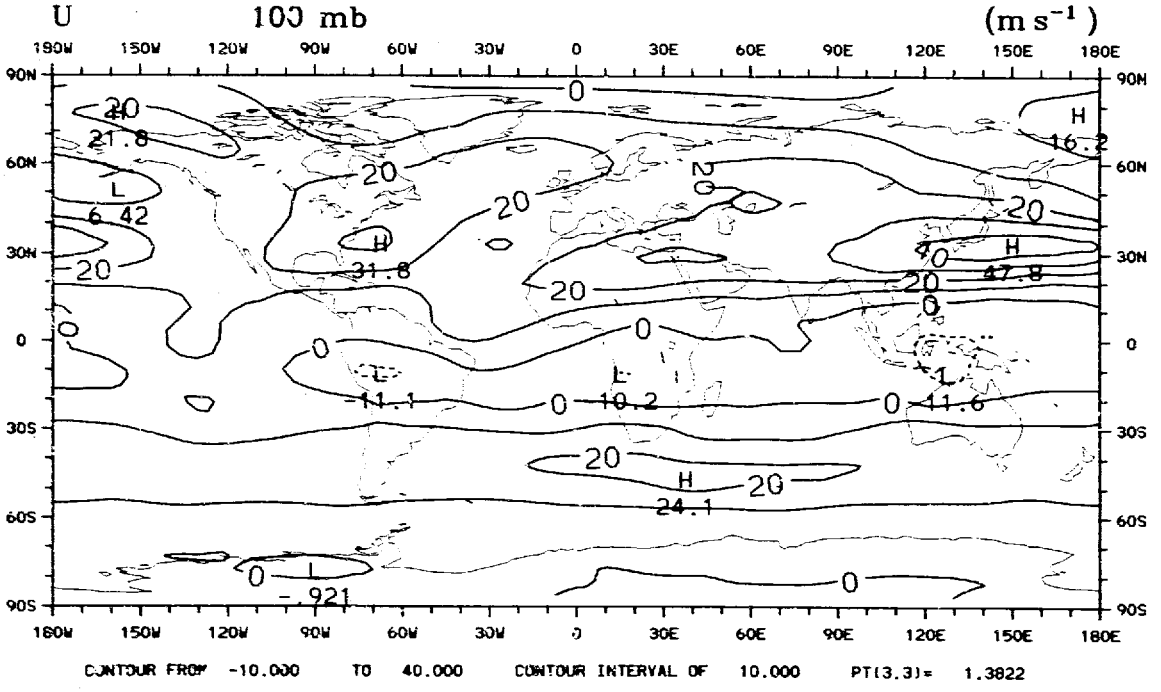

FRAME 1.5

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



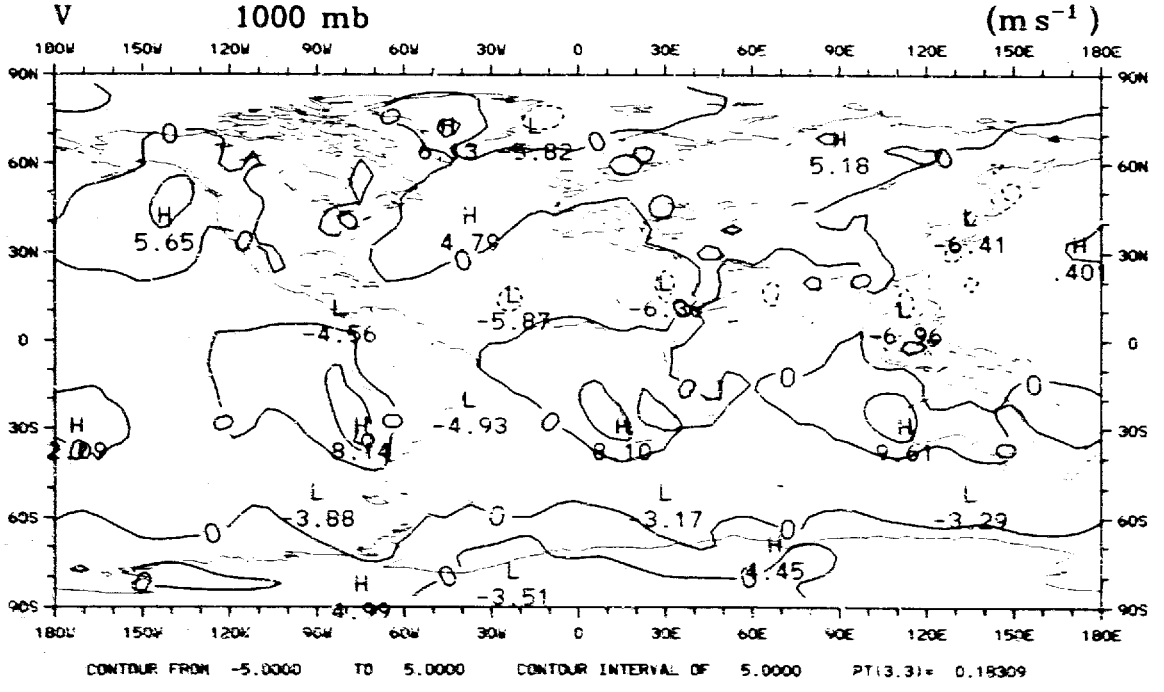

FRAME 1.6

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



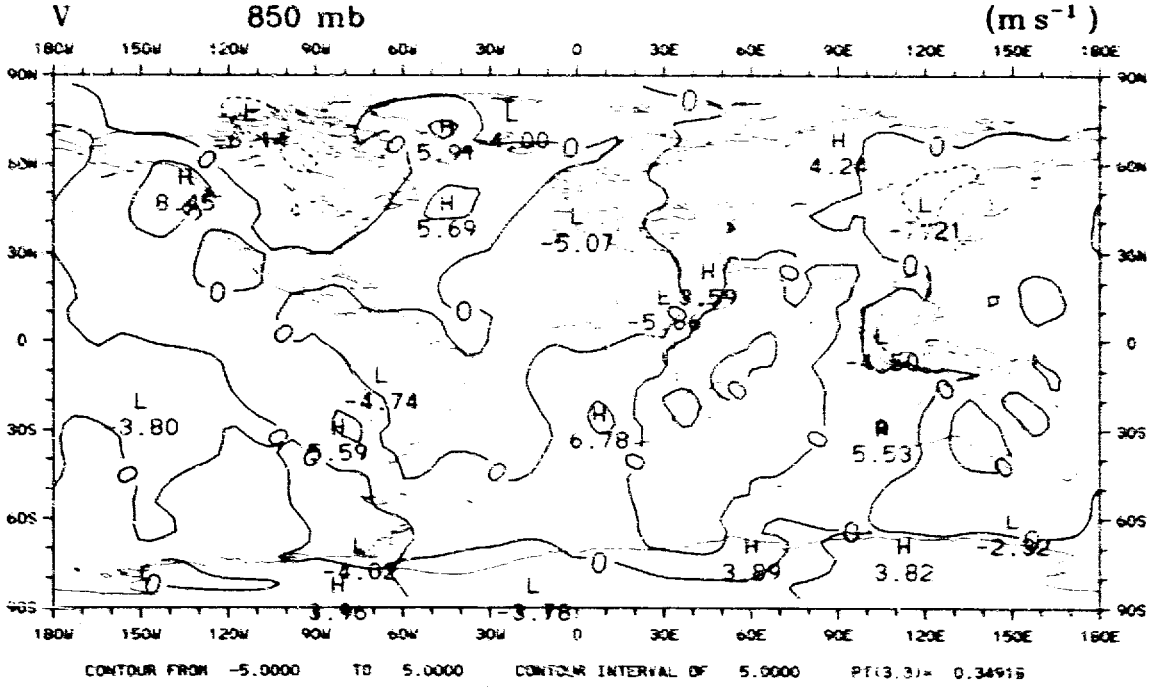

FRAME 1.7

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



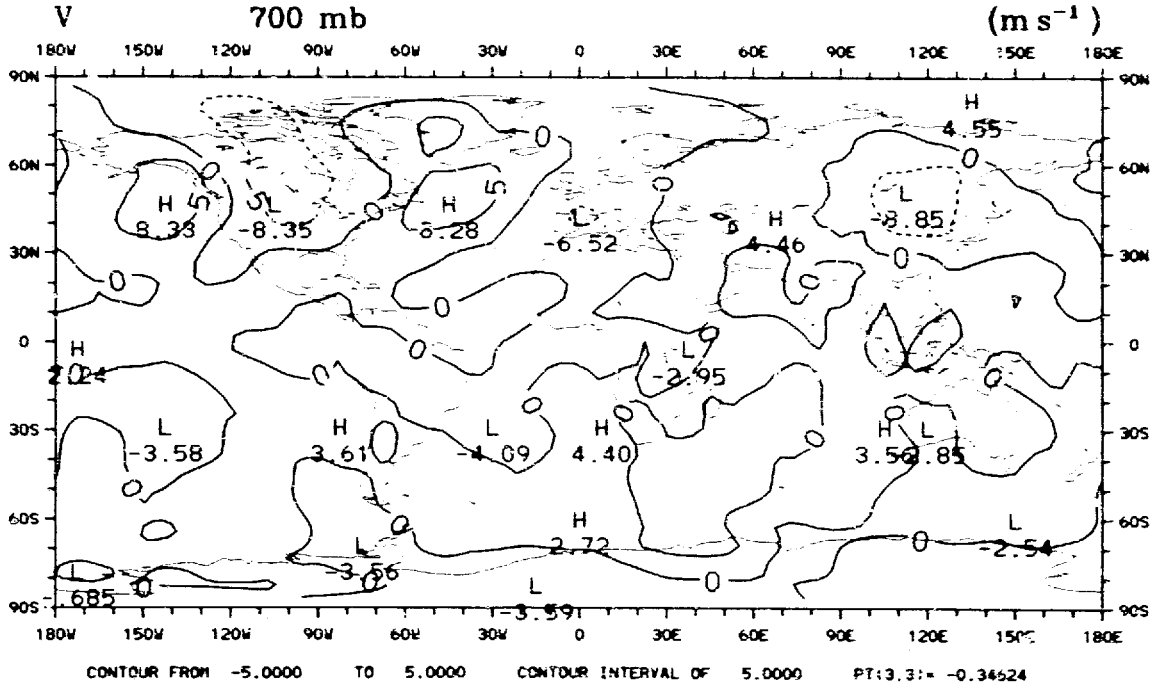

FRAME 1.0

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



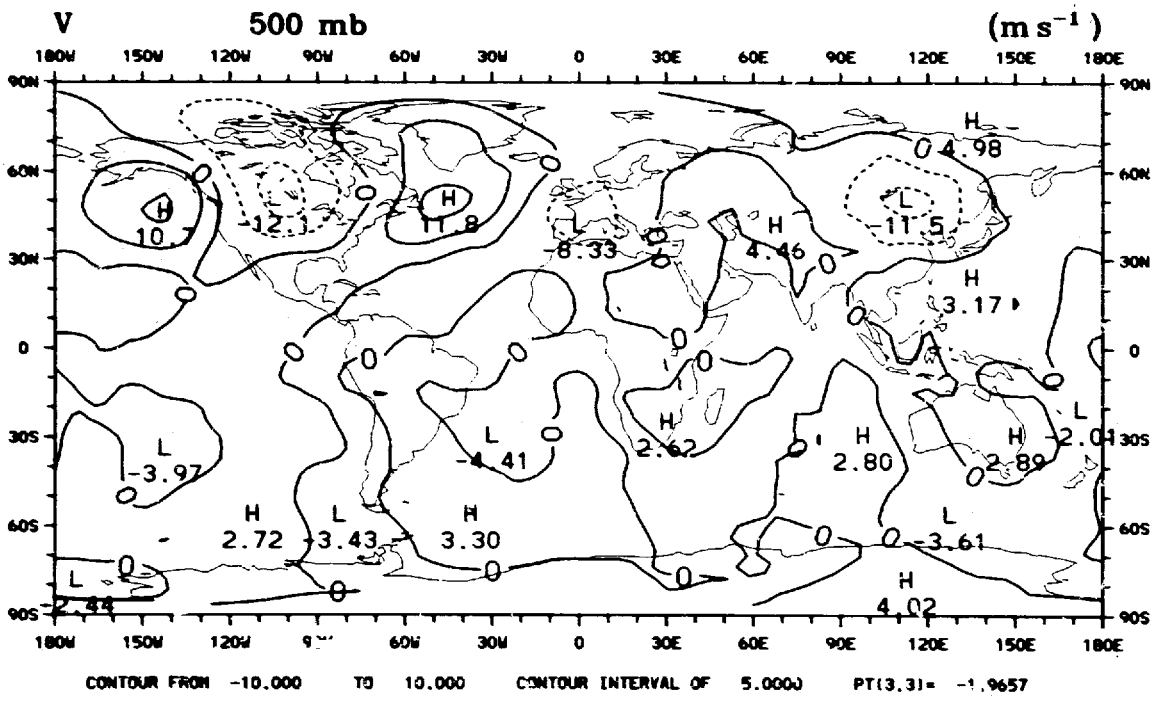

FRAME 1.9

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



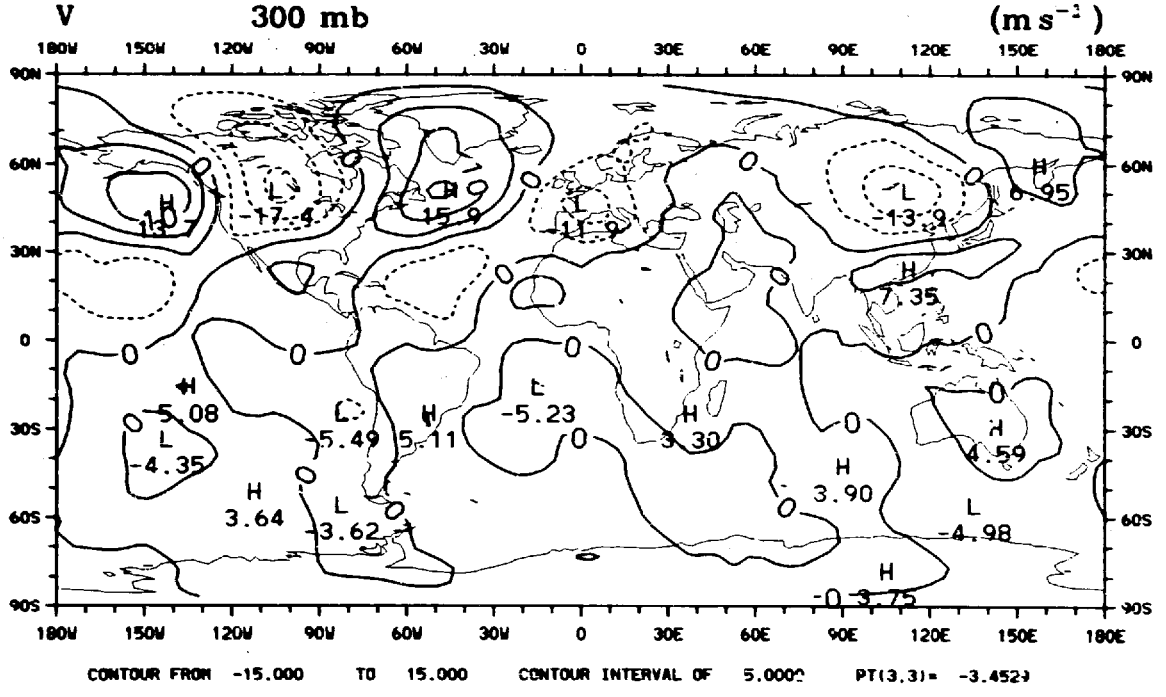

FRAME 1.10

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



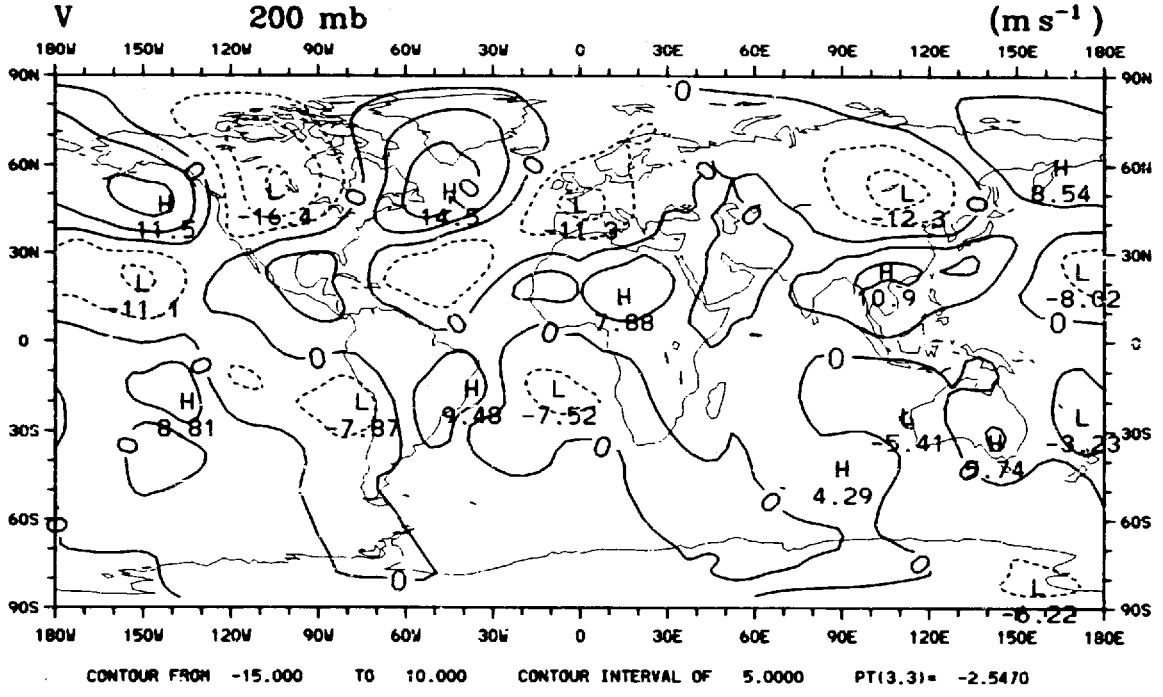

FRAME 1.11

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



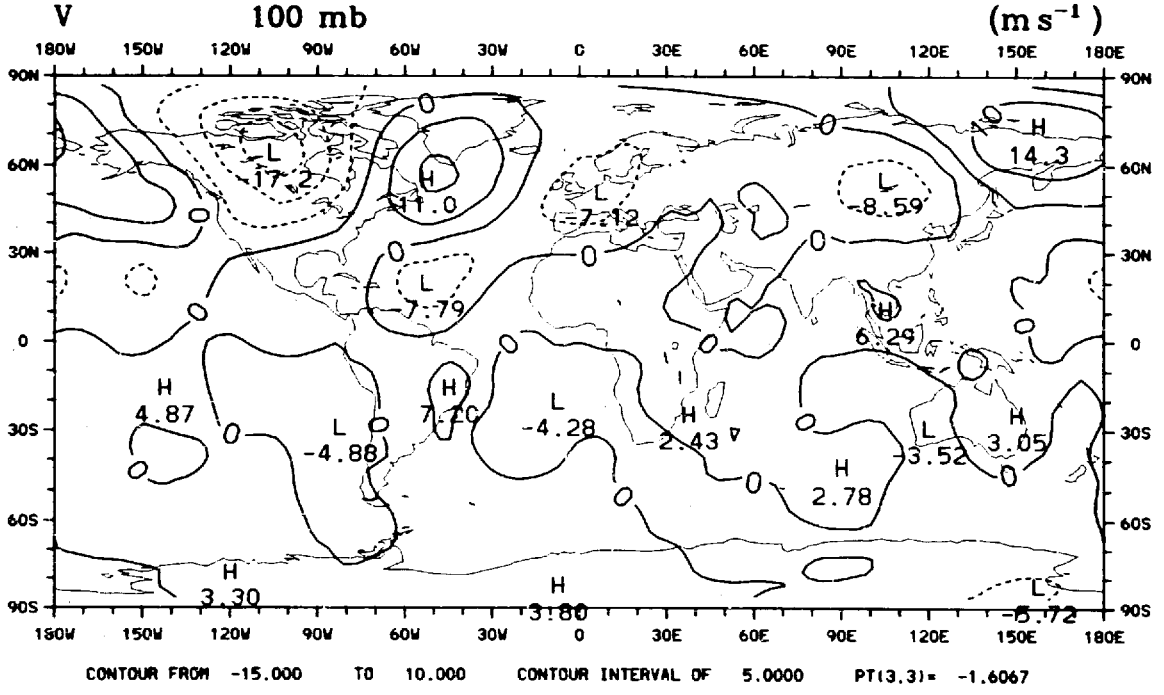

FRAME 1.12

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



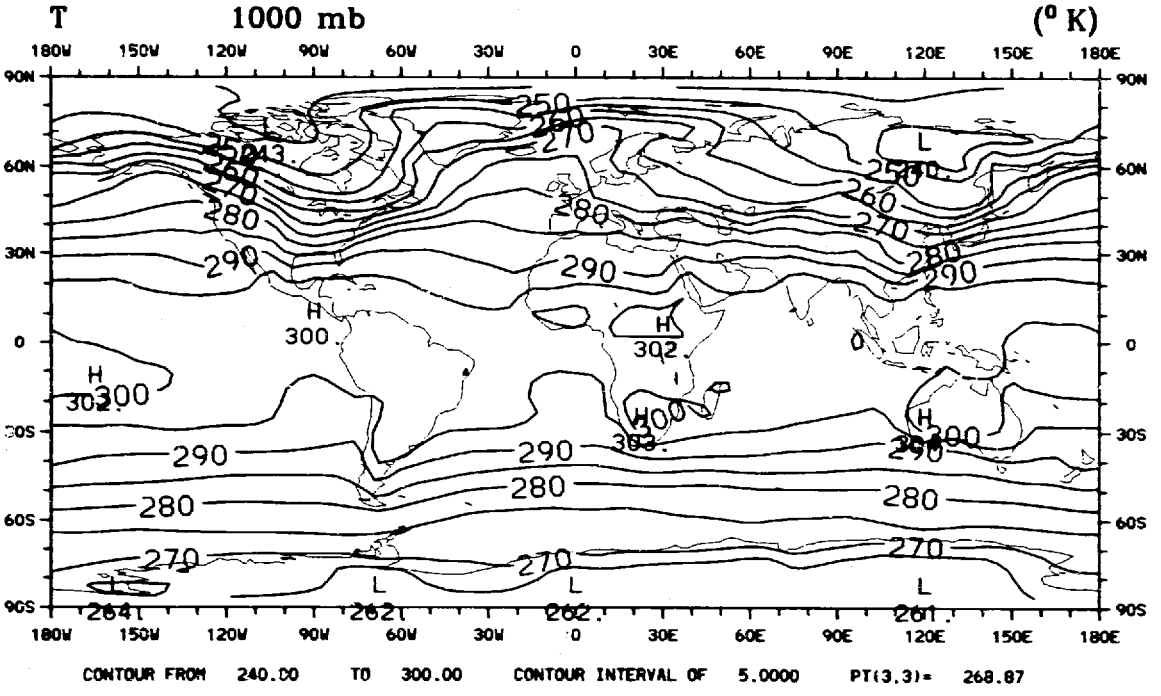

FRAME 1.13

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



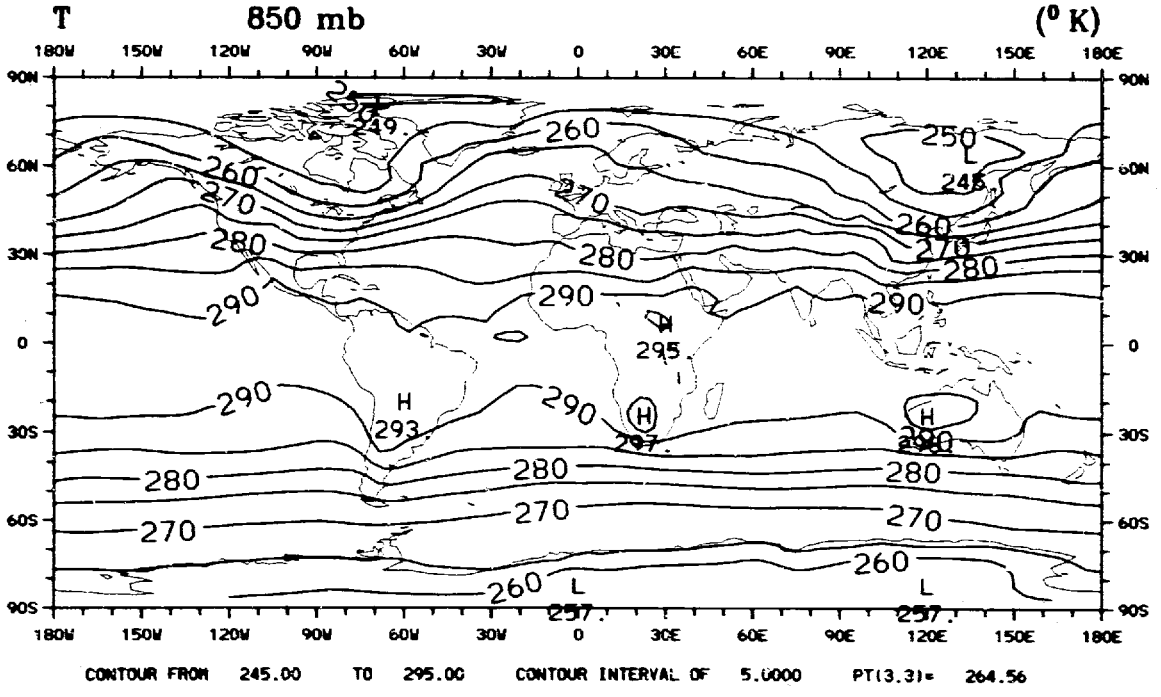

FRAME 1.14

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



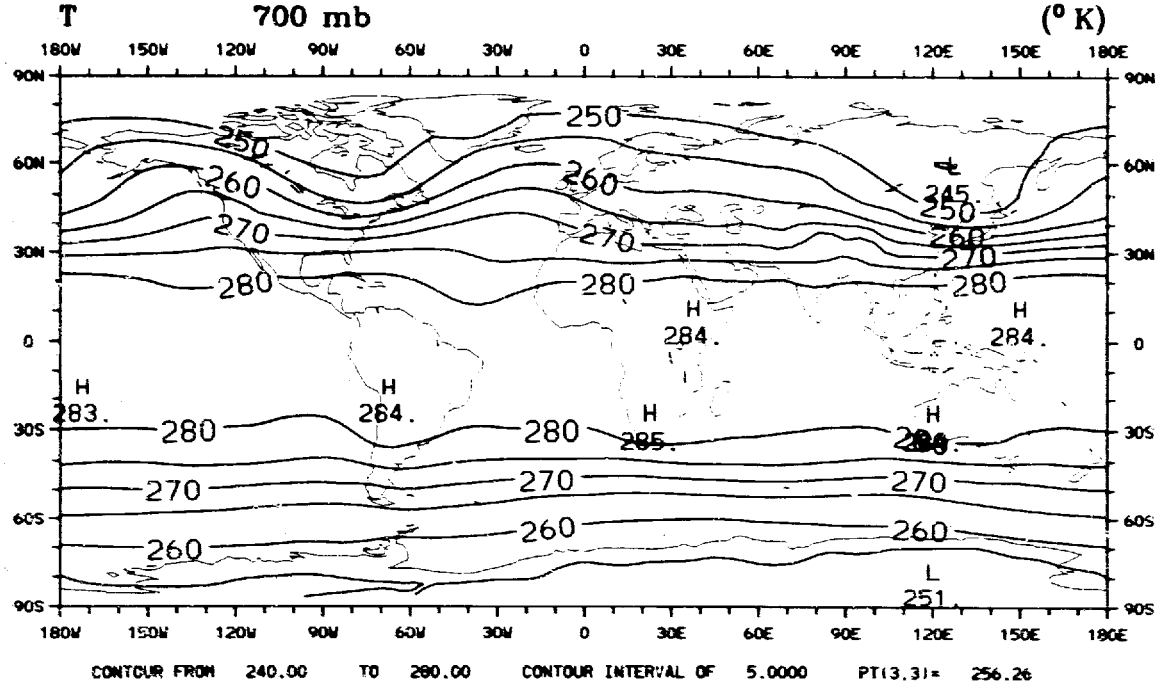

FRAME 1.15

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



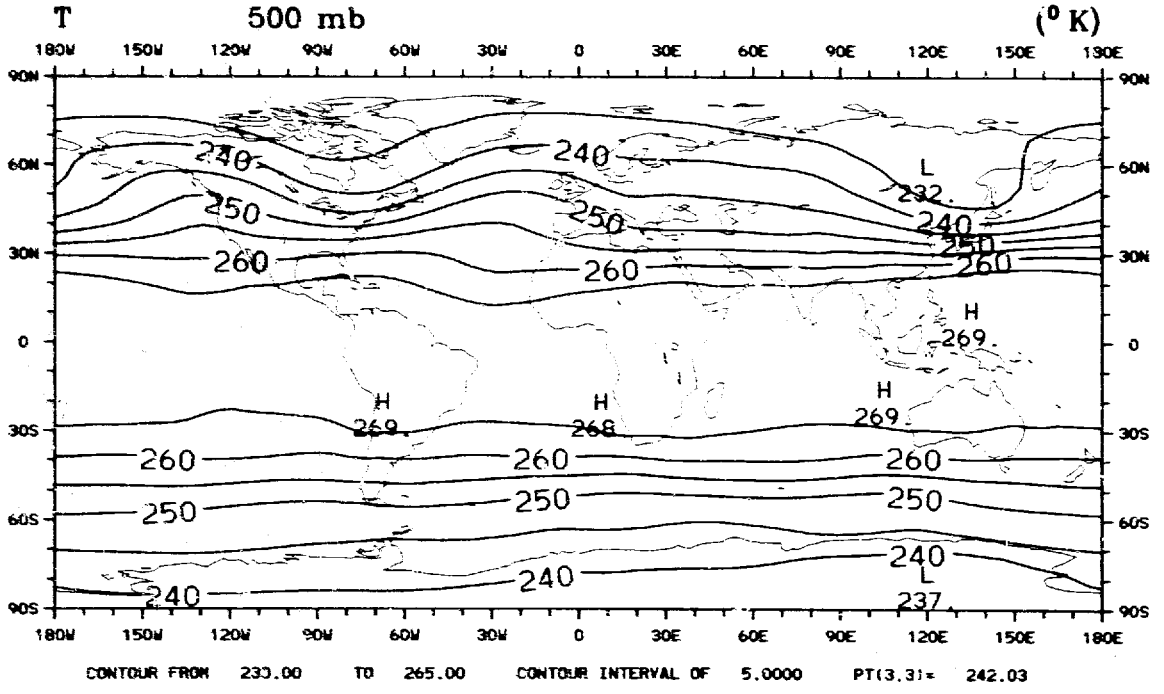

FRAME 1.16

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



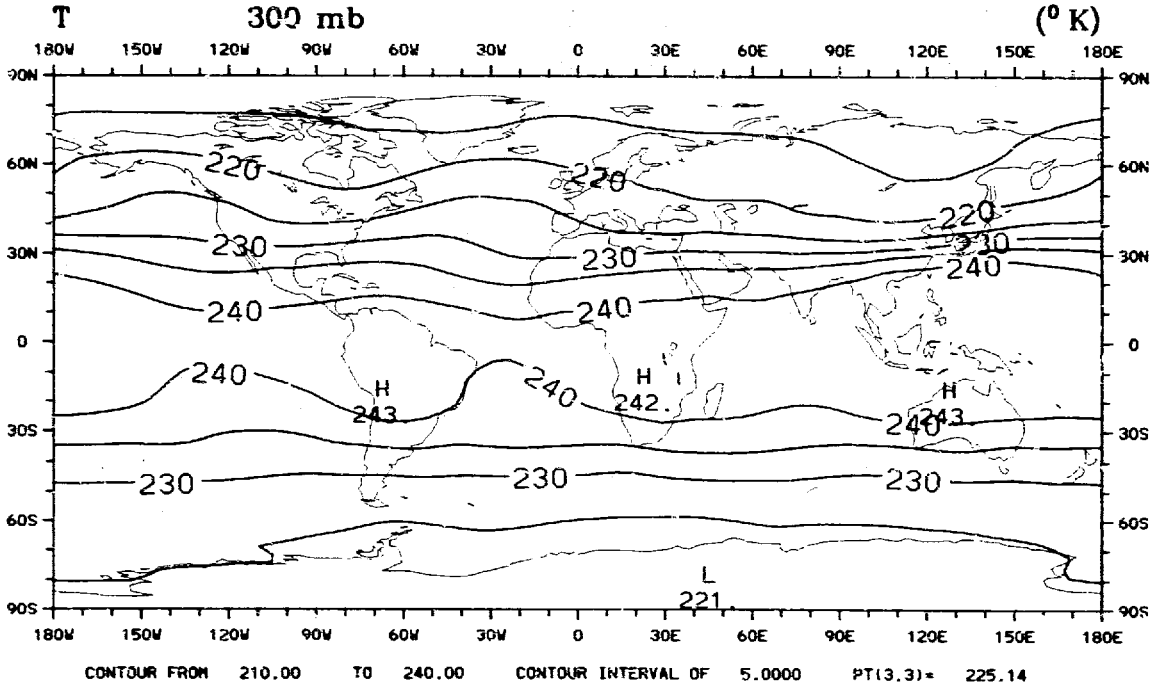

FRAME 1.17

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



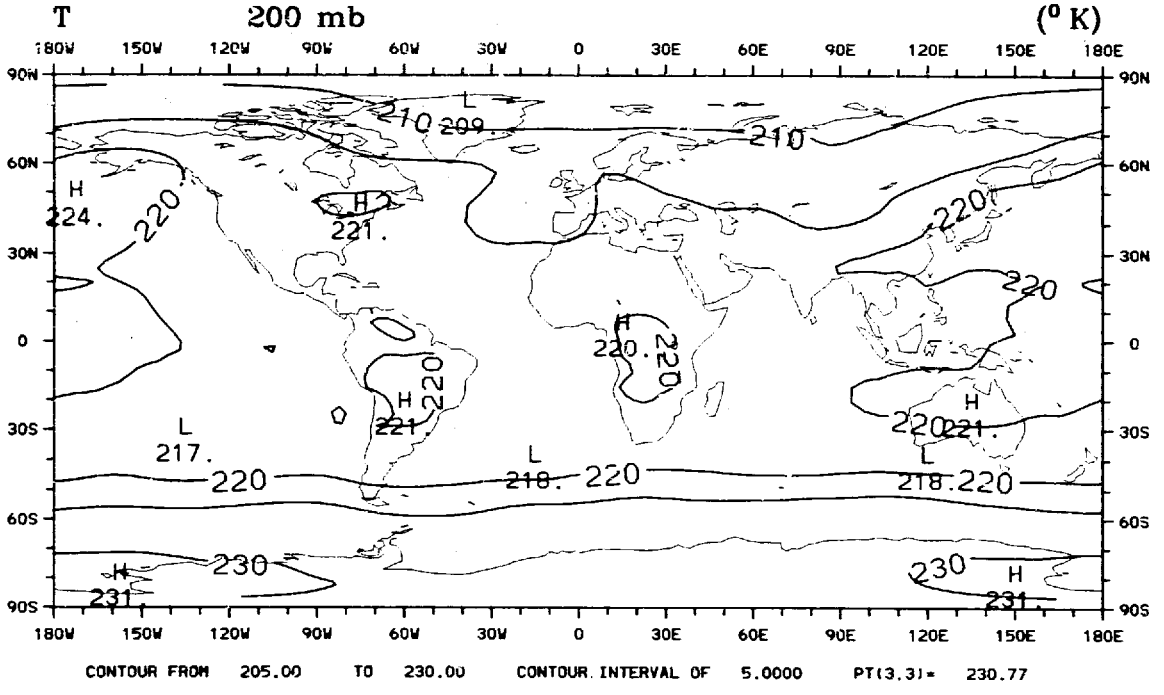

FRAME 1.18

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.19

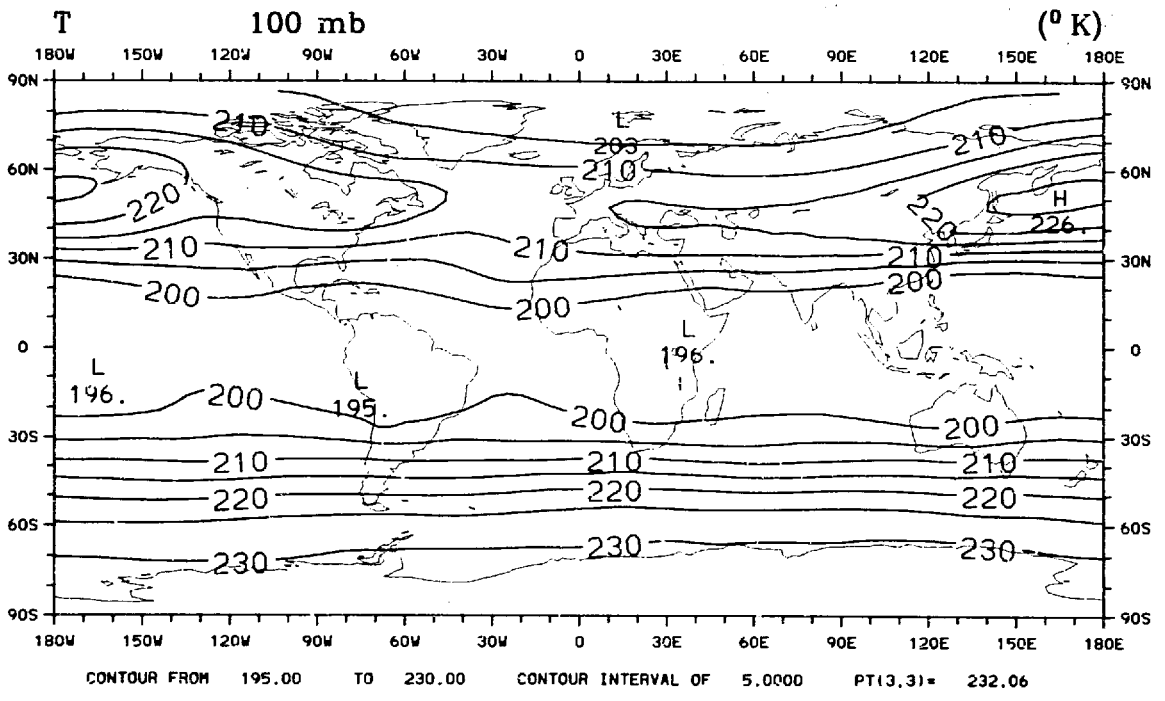
# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 205.00 TO 230.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 230.77

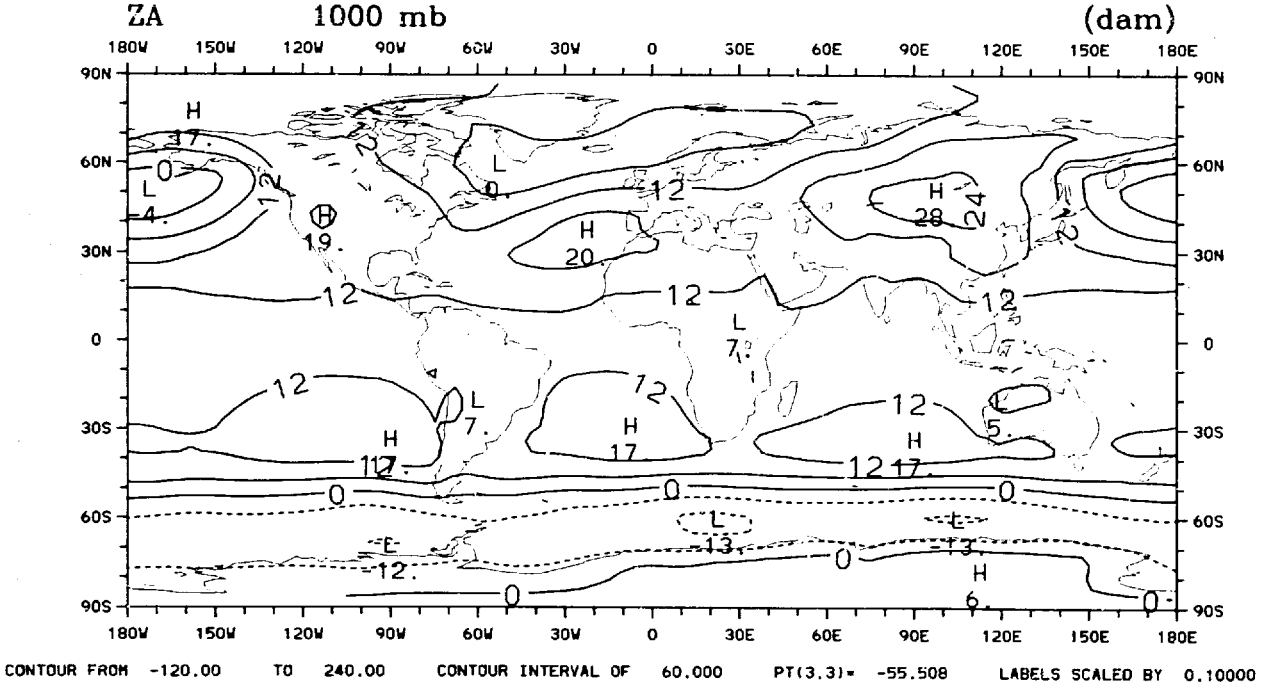
FRAME 1.20

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



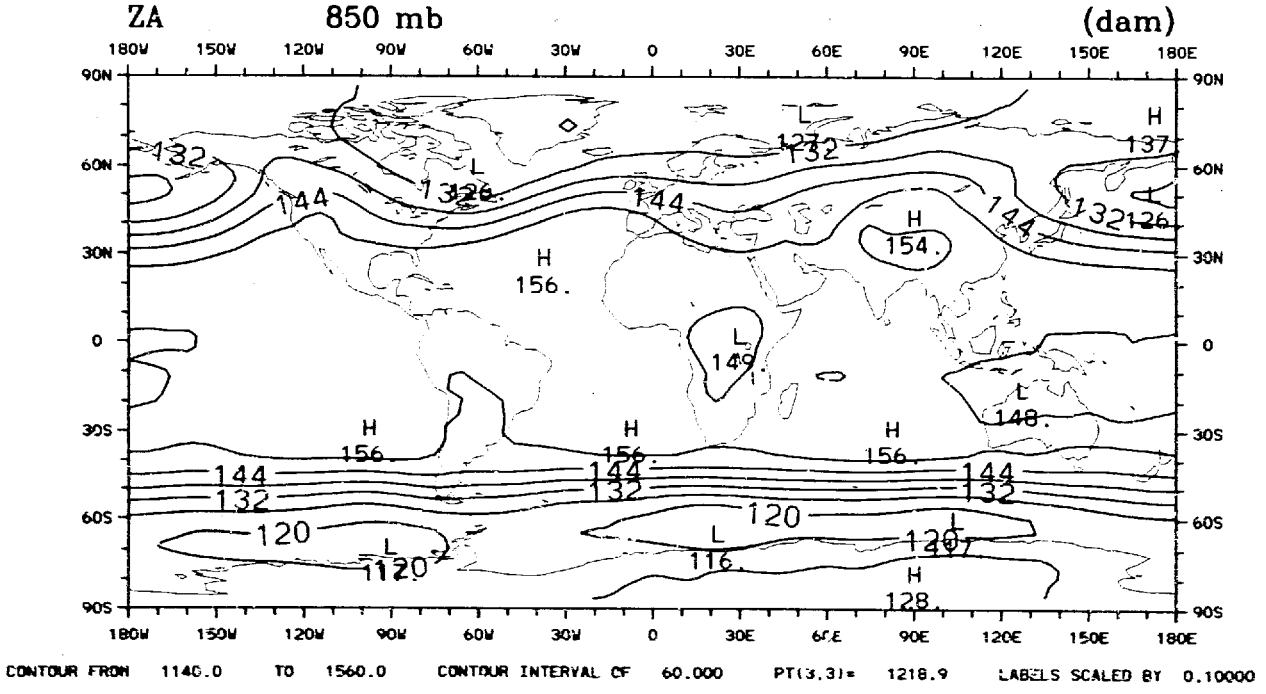

FRAME 1.21

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



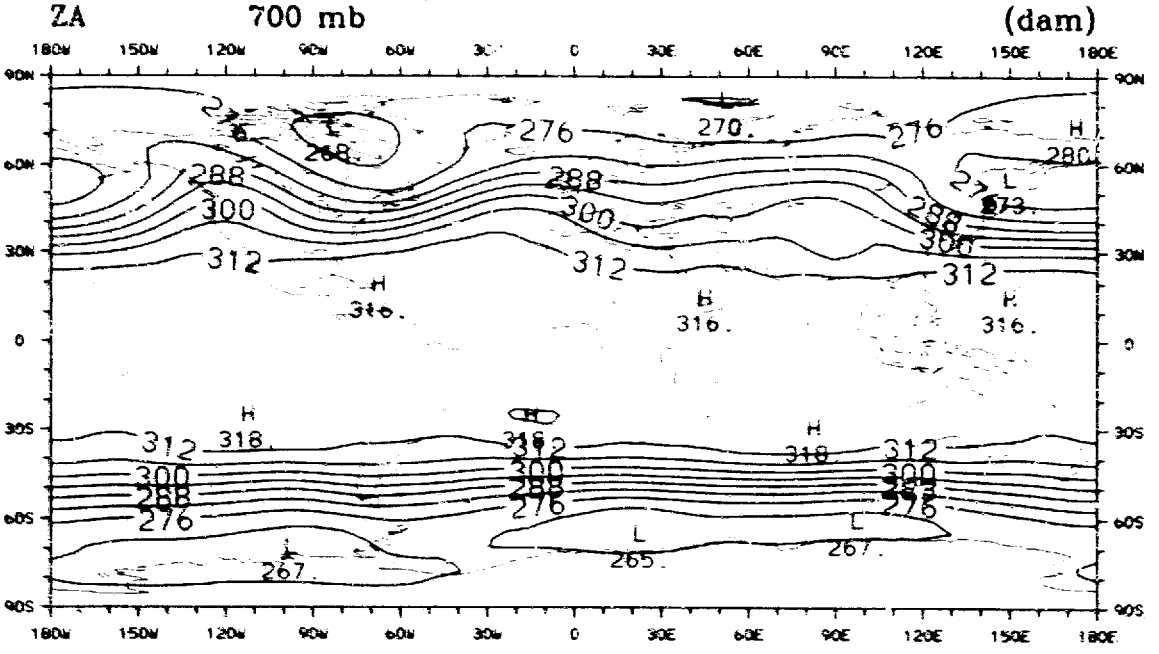

FRAME 1.22

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.23

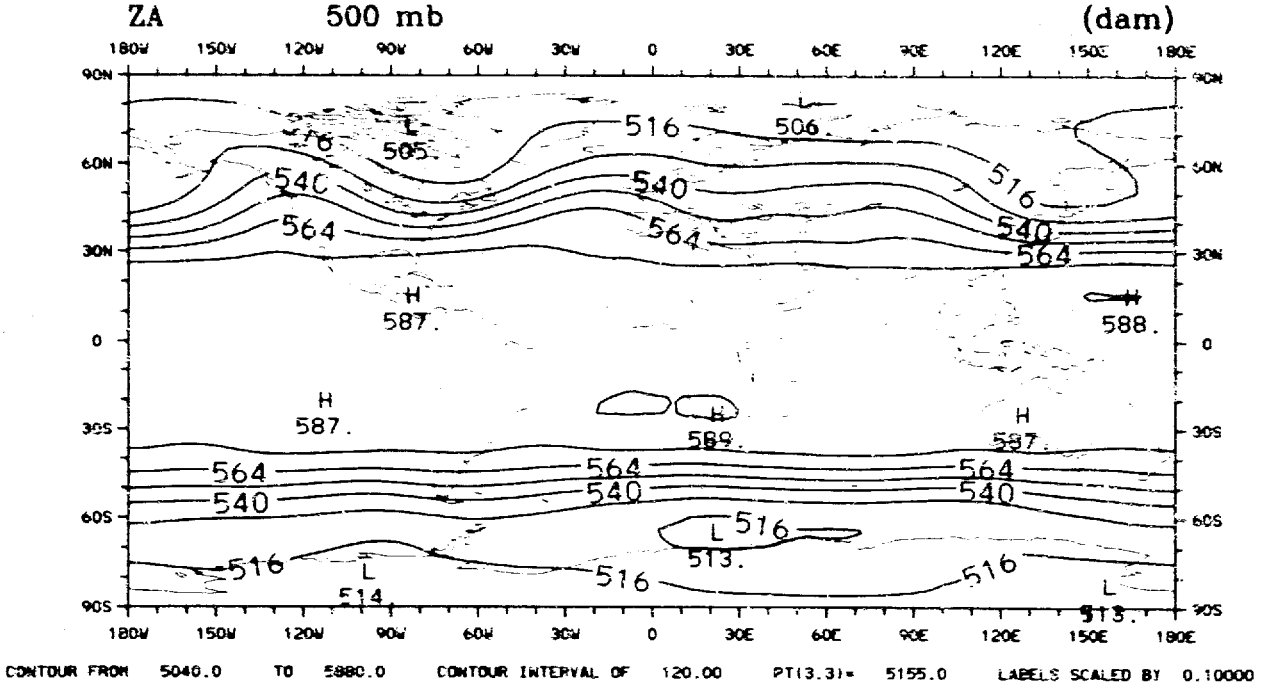
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 2640.0 TO 3180.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 2698.8 LABELS SCALED BY 0.10000

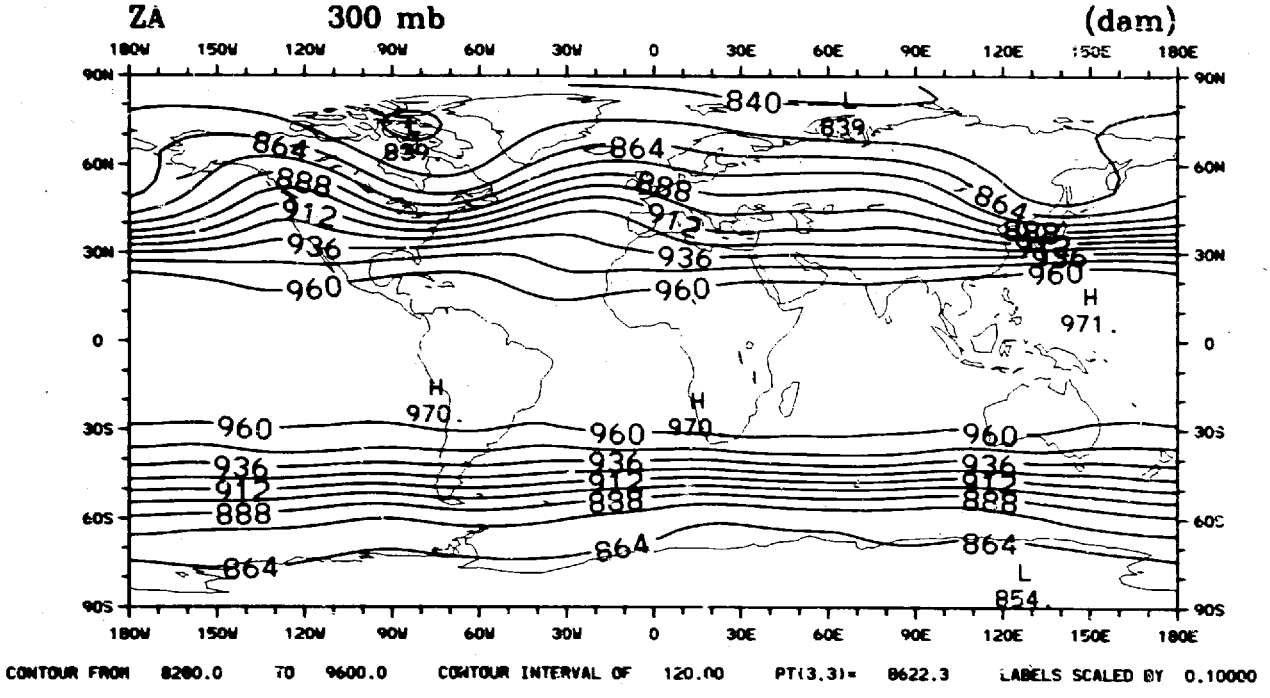
FRAME 1.24

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



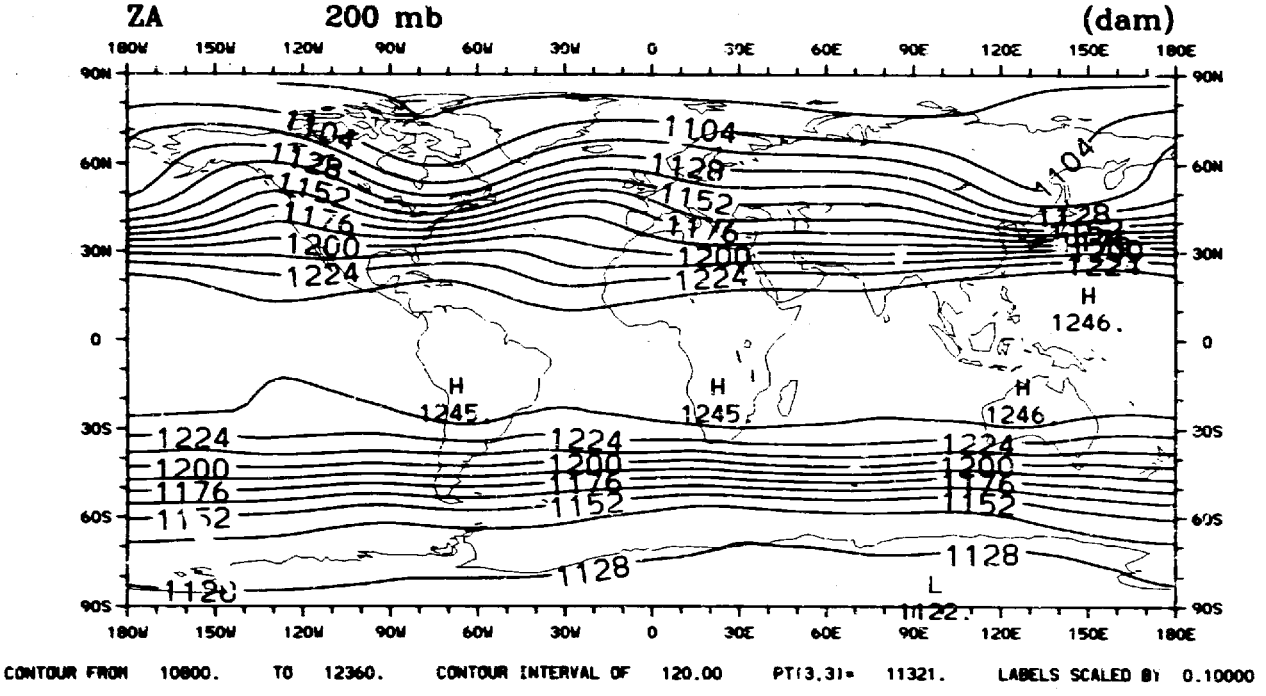

FRAME 1.25

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.26

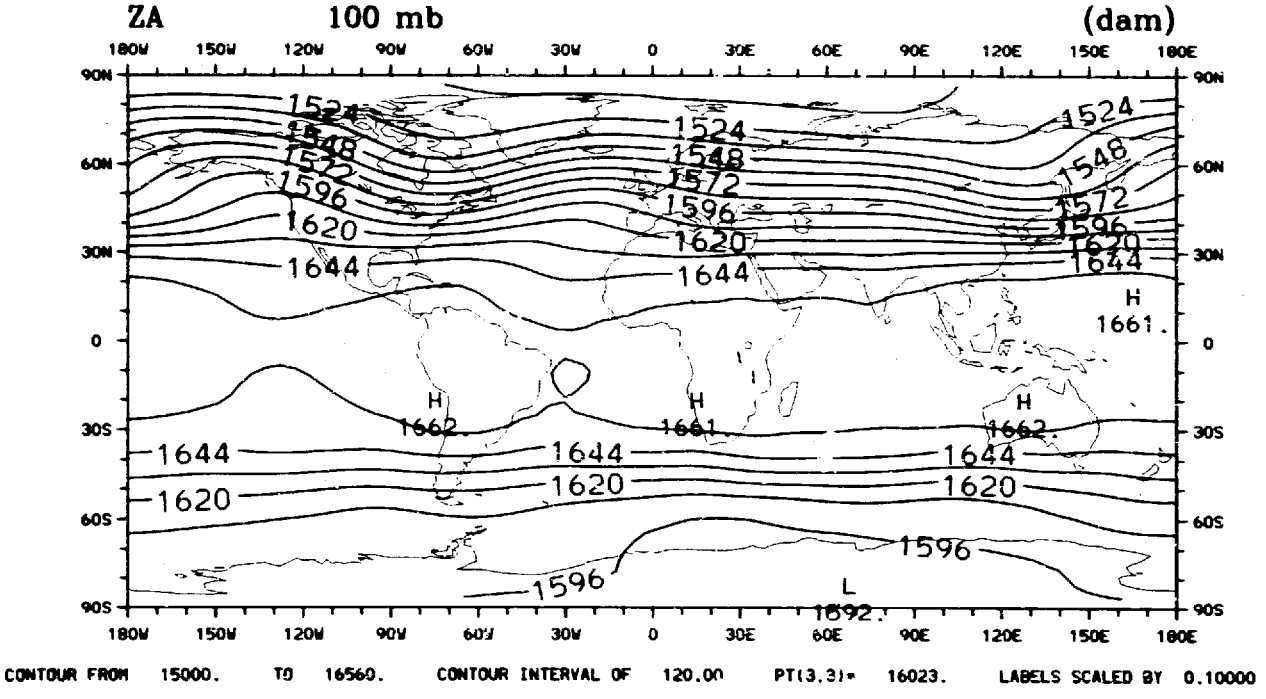
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 10800. TO 12360. CONTOUR INTERVAL OF 120.00 PT(3,3)= 11321. LABELS SCALED BY 0.10000

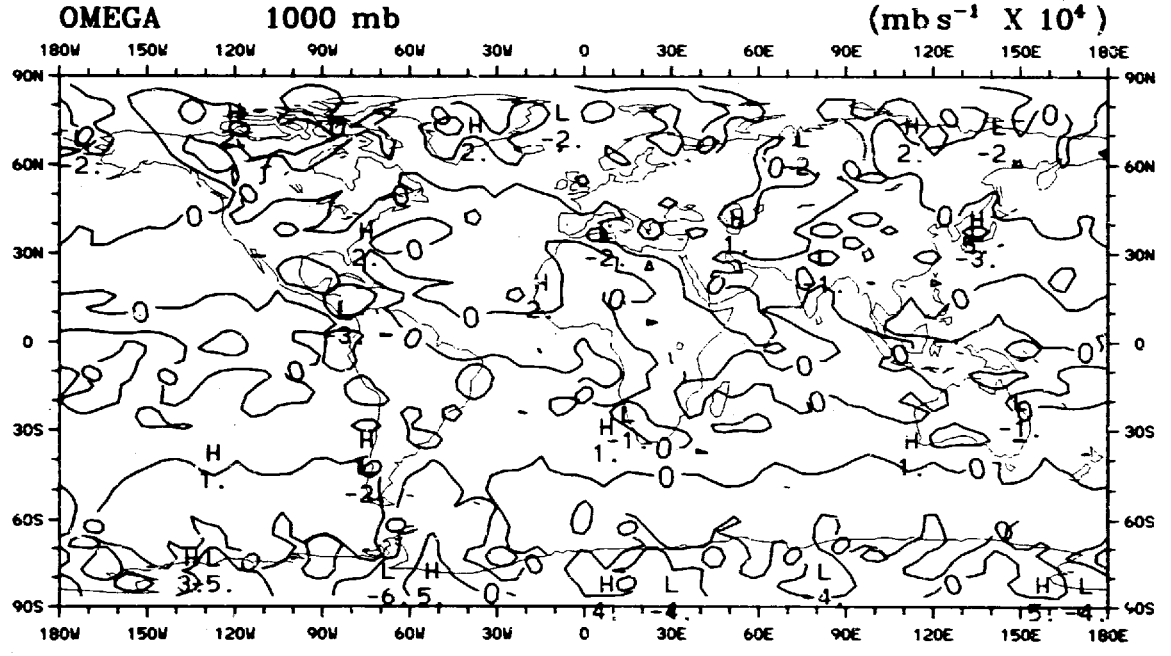
FRAME 1.27

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.28

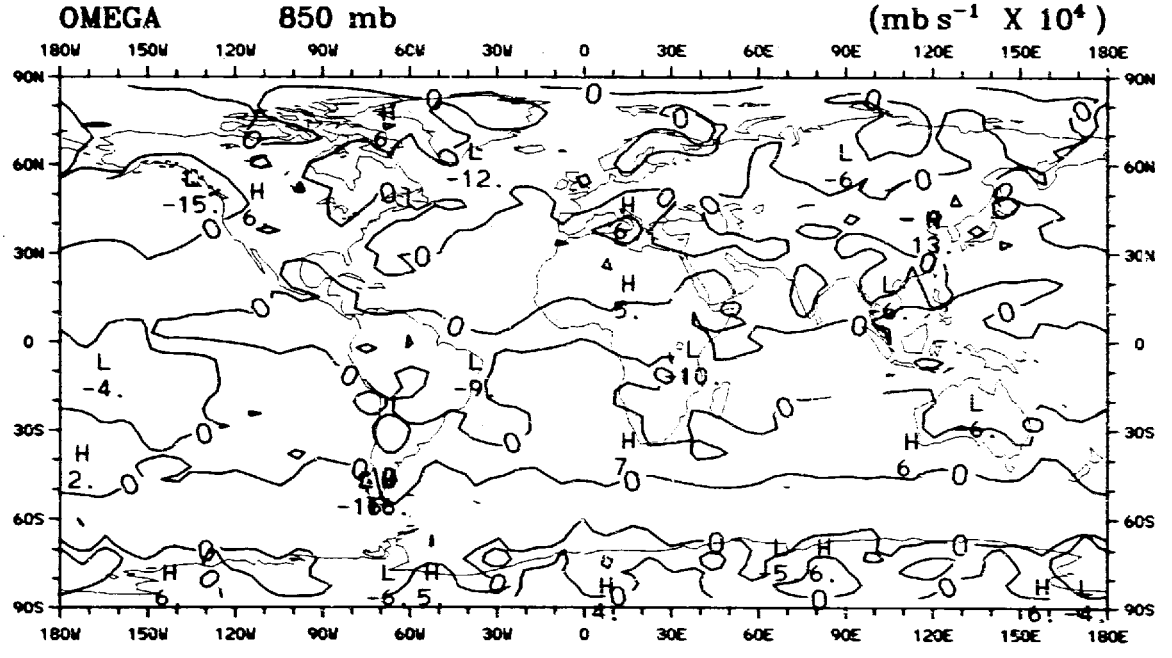
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.22022E-01 LABELS SCALED BY 100.00

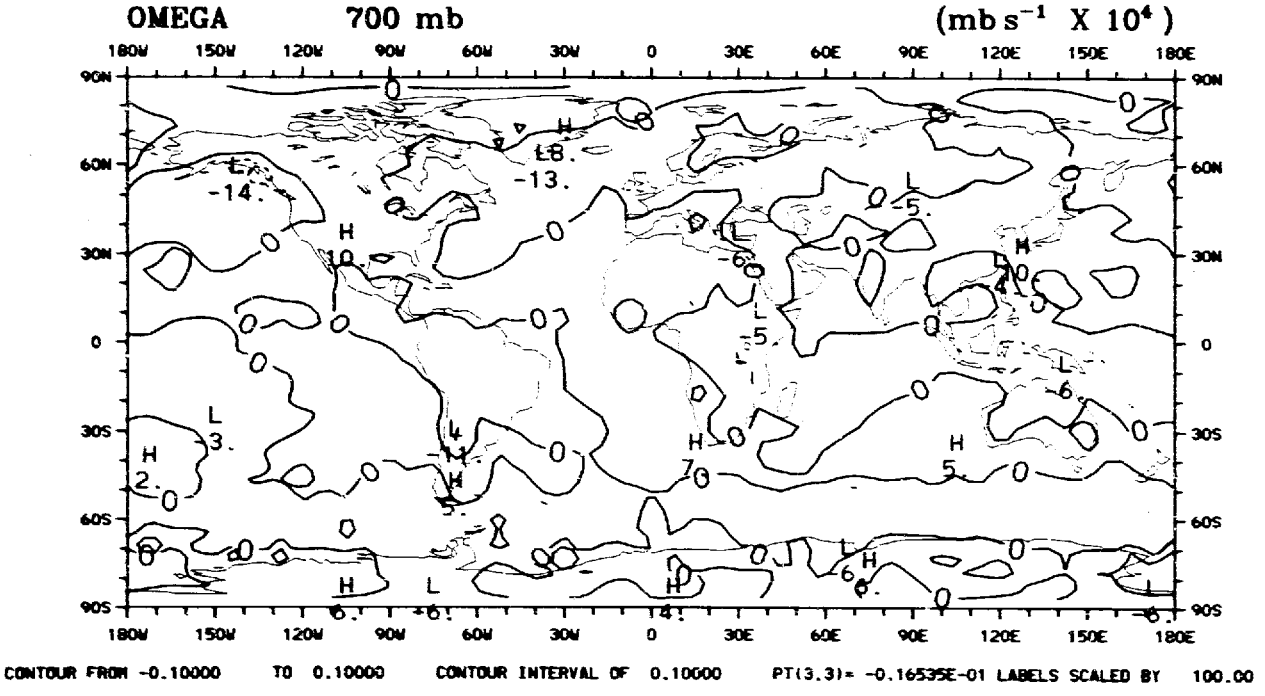
FRAME 1.29

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



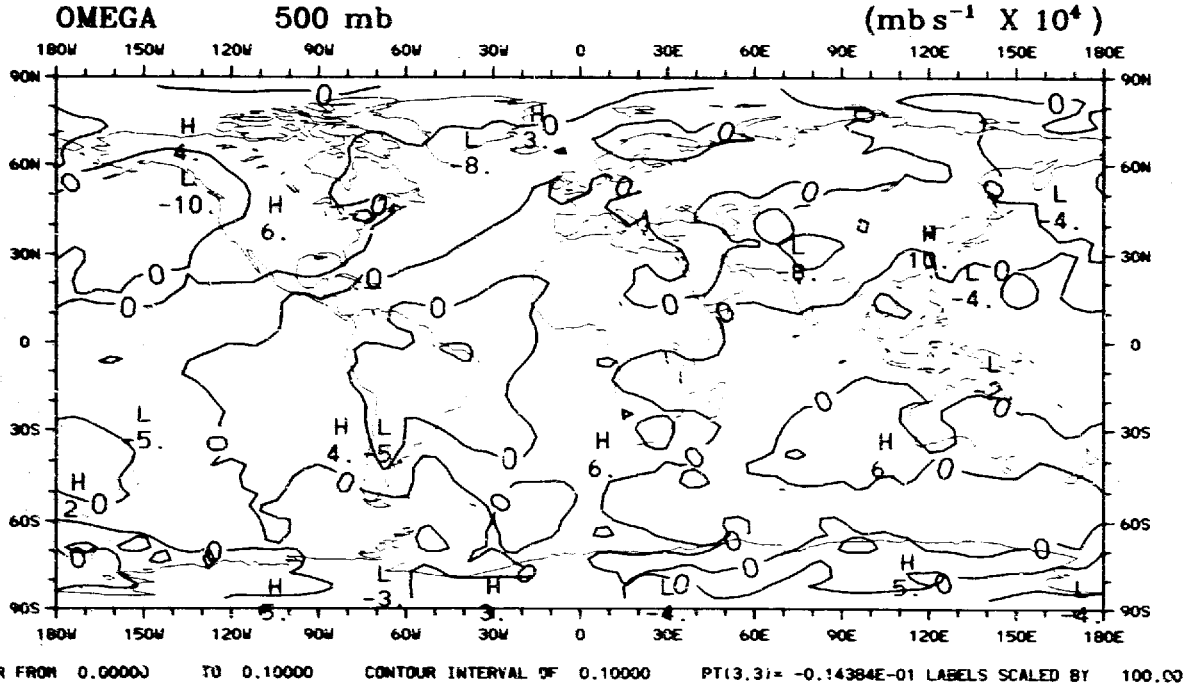

FRAME 1.30

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.31

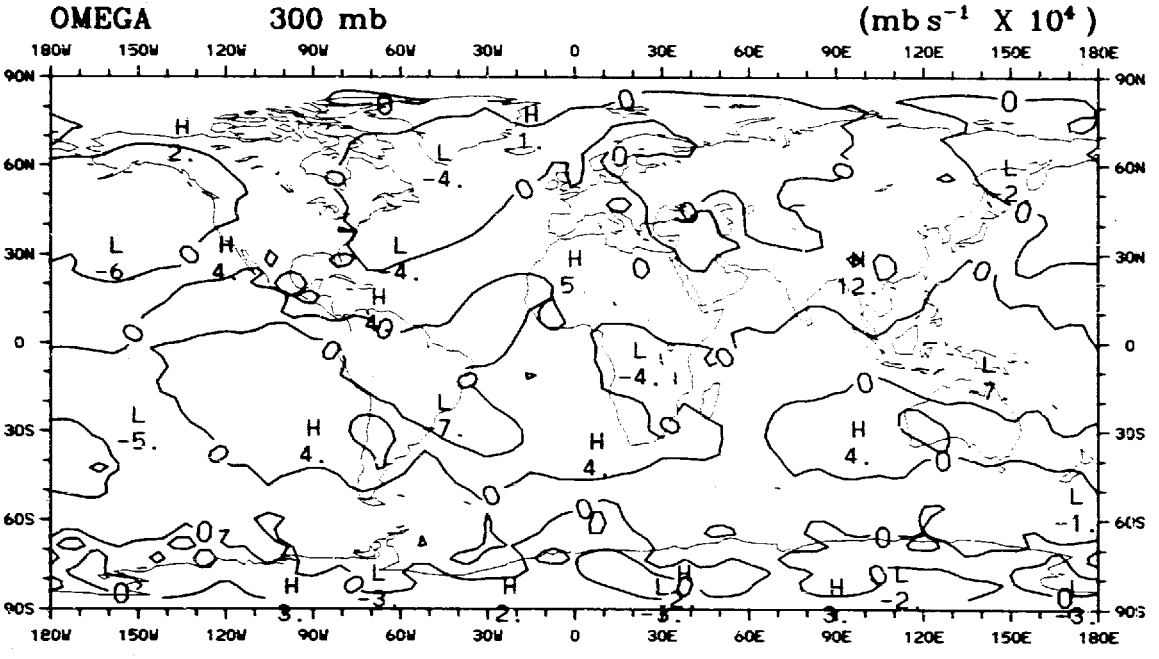
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.14384E-01 LABELS SCALED BY 100.00

FRAME 1.32

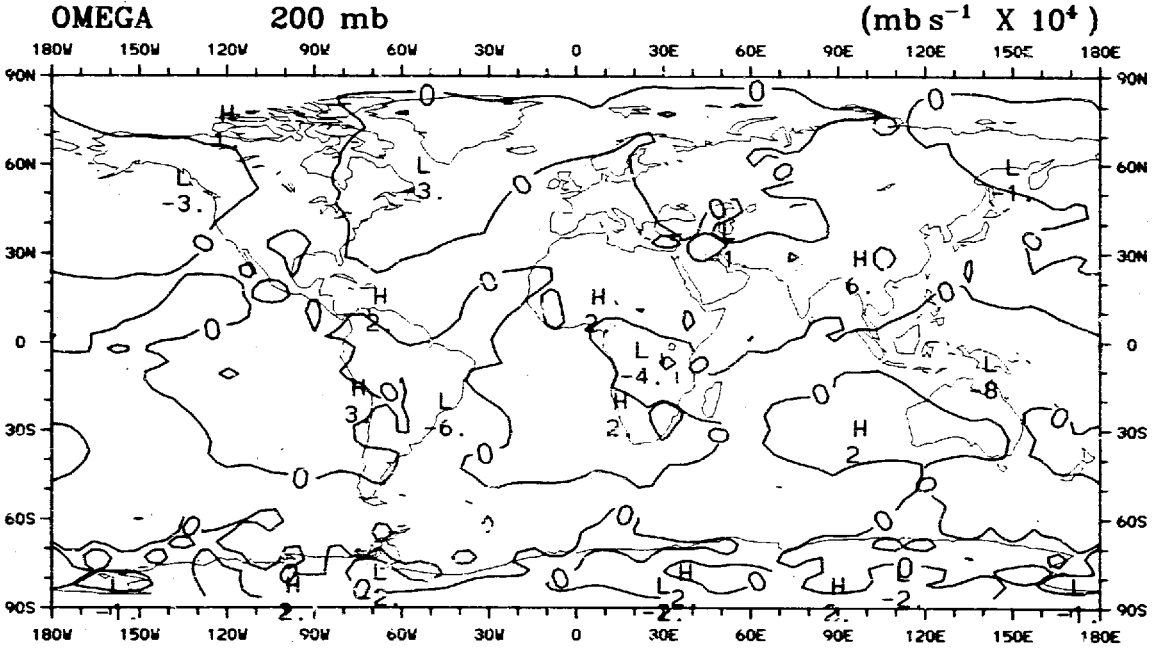
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.33577E-02 LABELS SCALED BY 100.00

FRAME 1.33

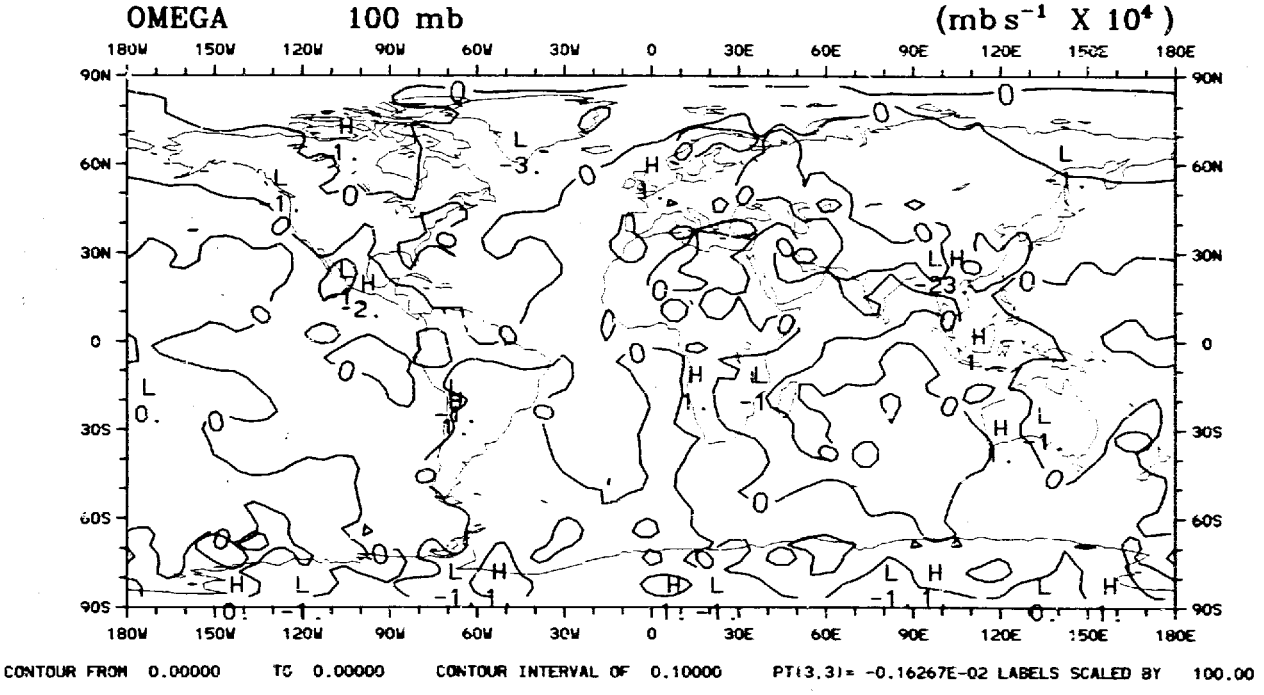
# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.15146E-04 LABELS SCALED BY 100.00

FRAME 1.34

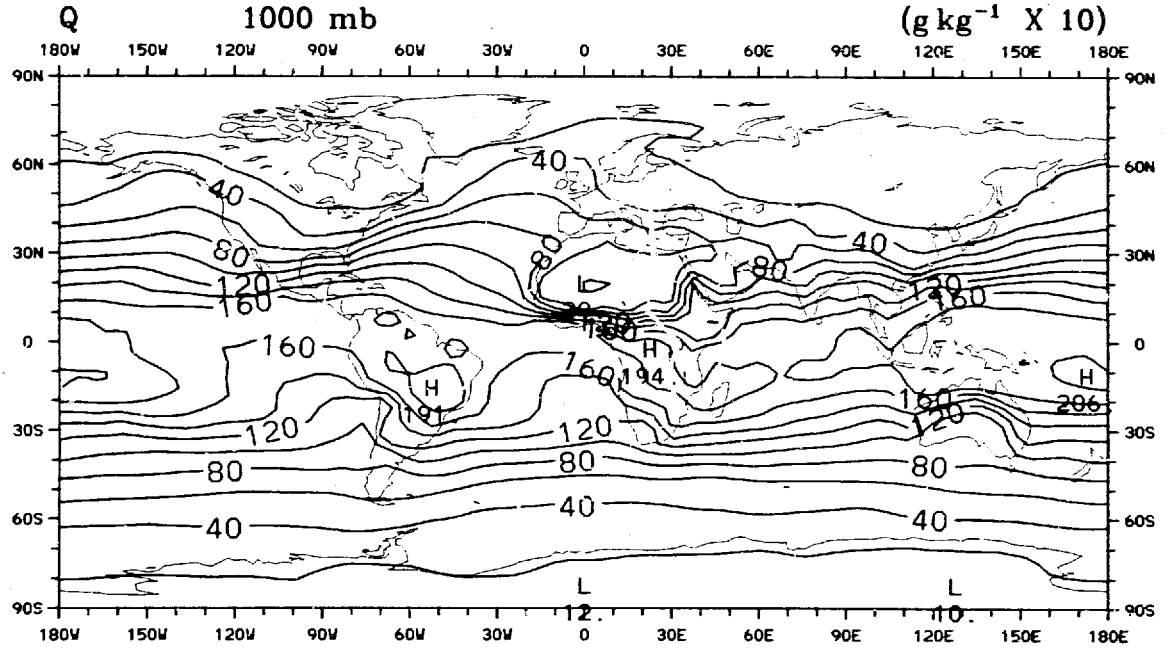
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.16267E-02 LABELS SCALED BY 100.00

FRAME 1.35

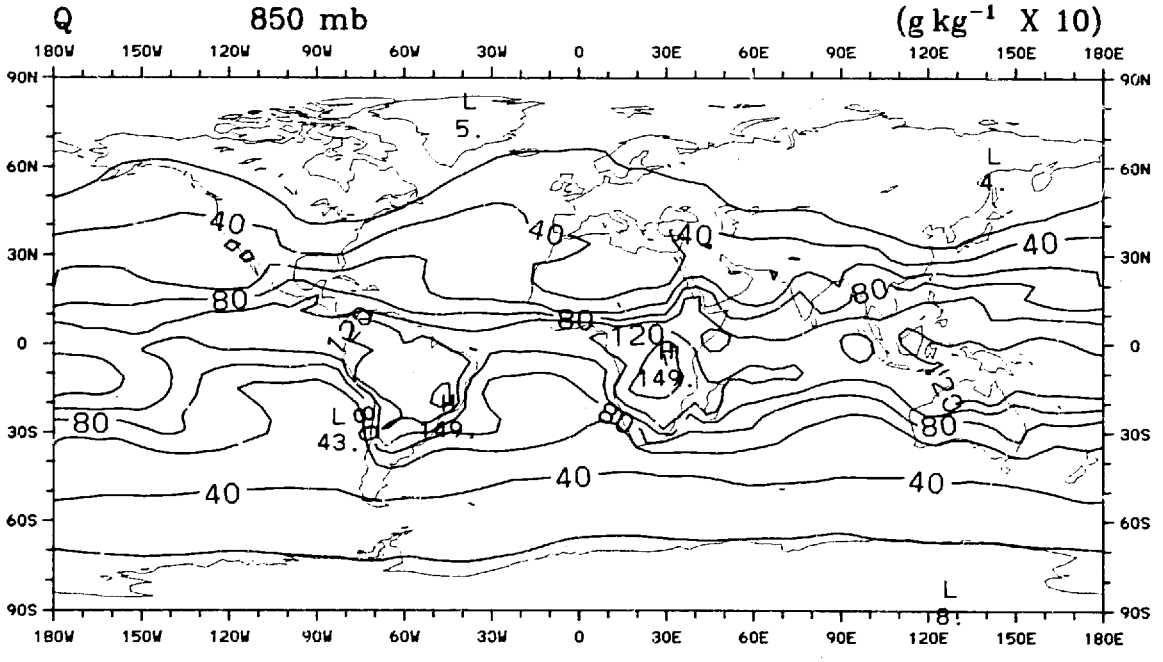
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.22809E-02 LABELS SCALED BY 10000.

FRAME 1.36

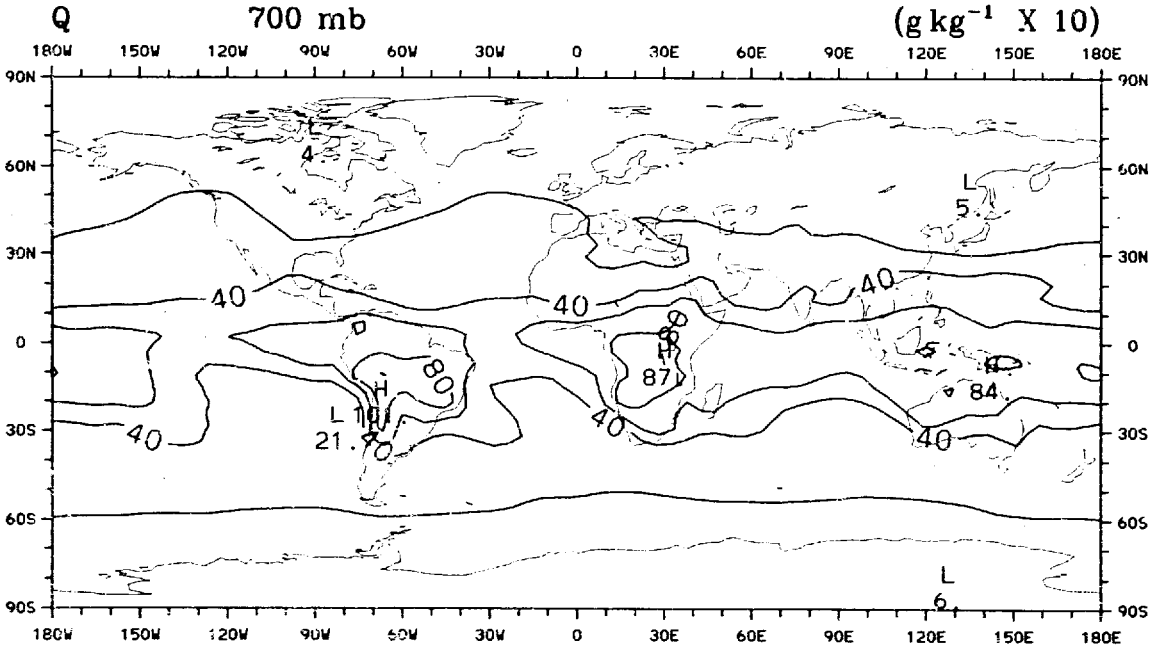
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.15330E-02 LABELS SCALED BY 10000.

FRAME 1.37

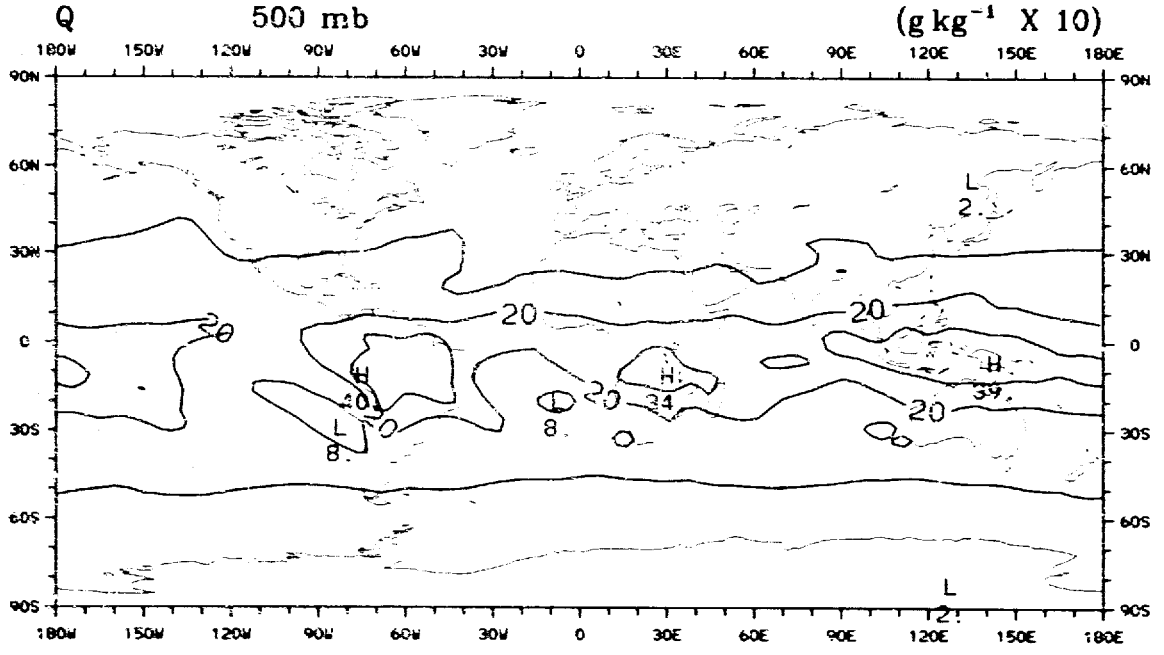
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.10089E-02 LABELS SCALED BY 10000.

FRAME 1.38

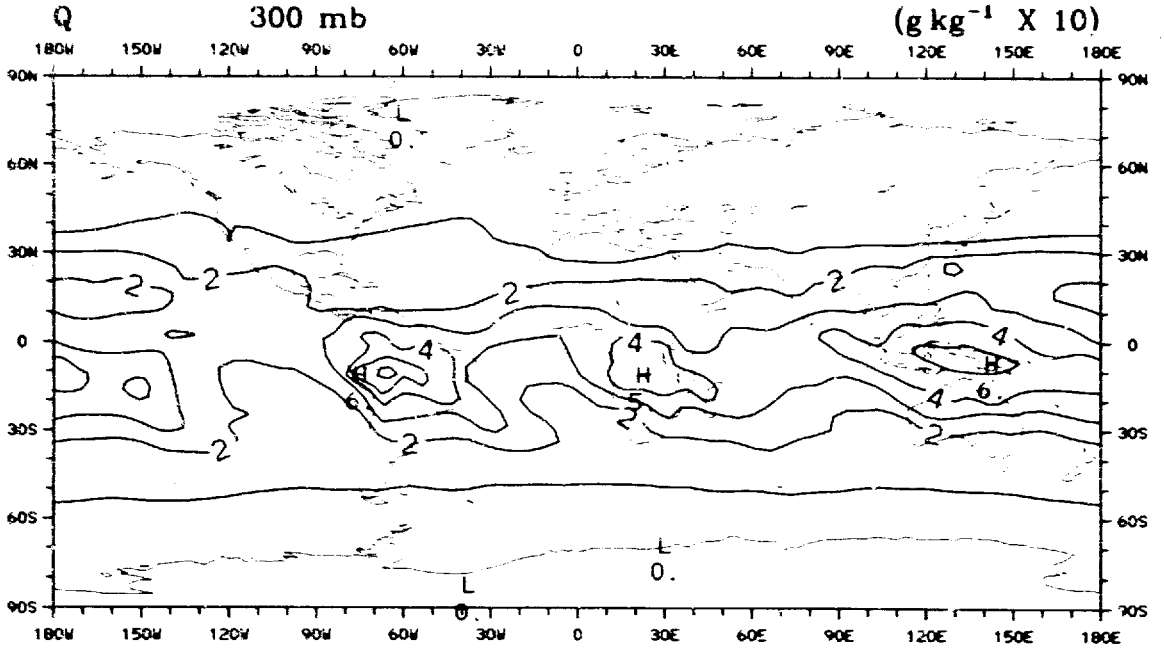
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.38539E-03 LABELS SCALED BY 10000.

FRAME 1.39

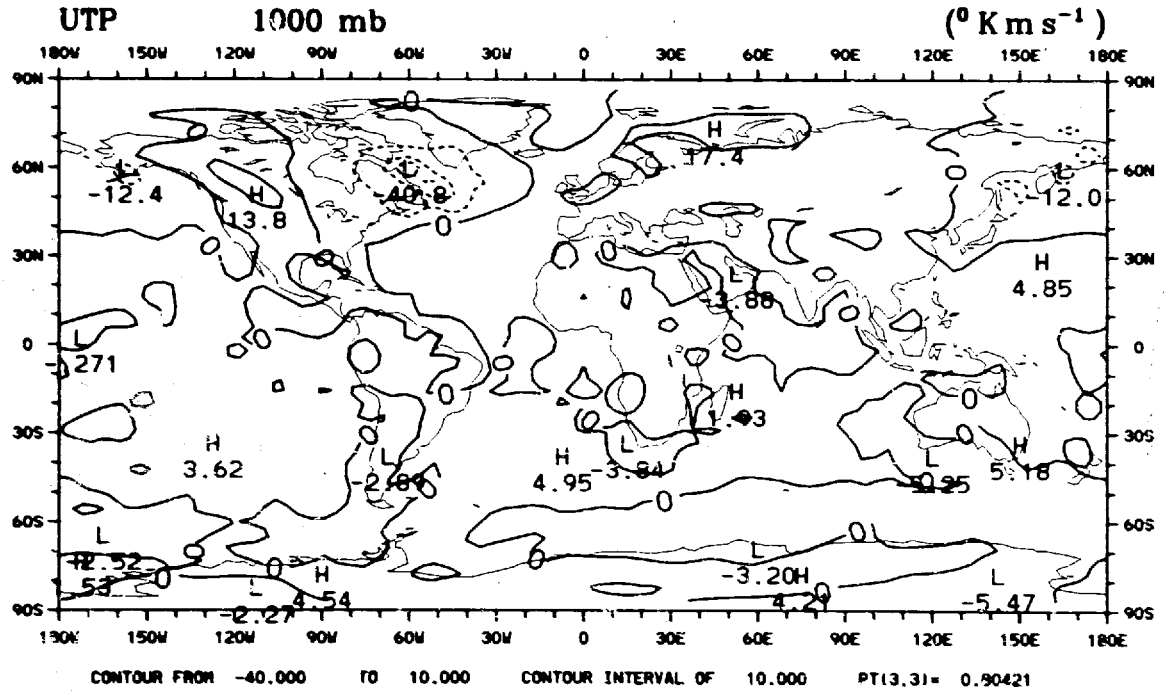
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.60000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.55307E-04 LABELS SCALED BY 10000.

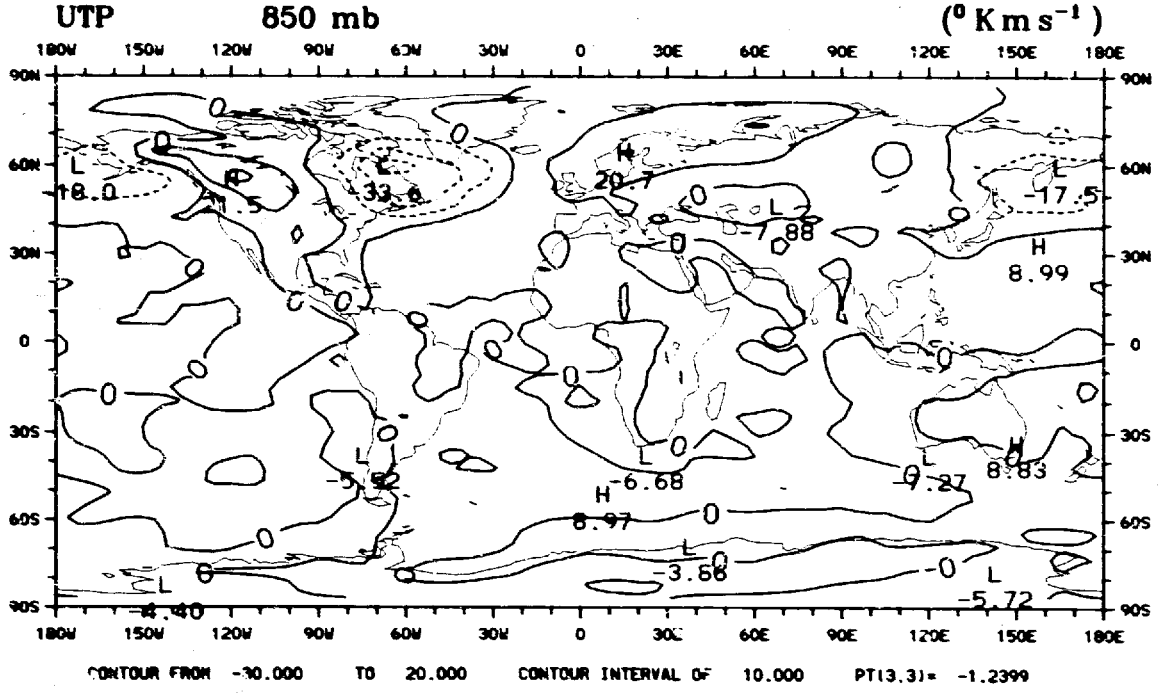
FRAME 1.40

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



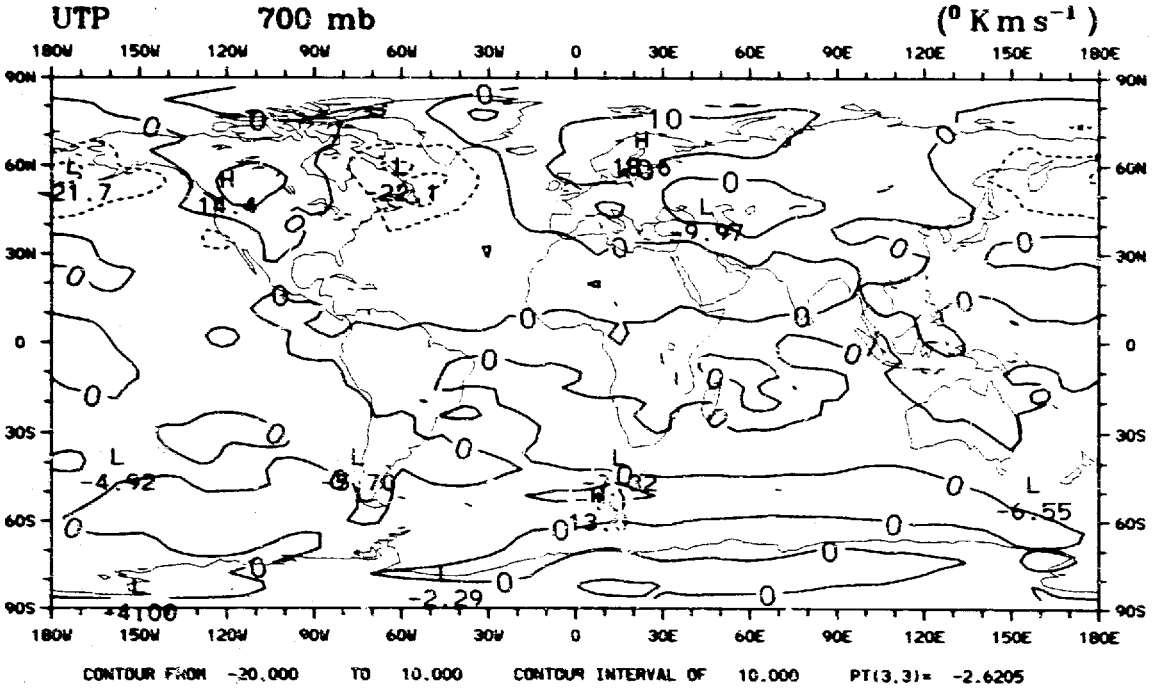

FRAME 1.41

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



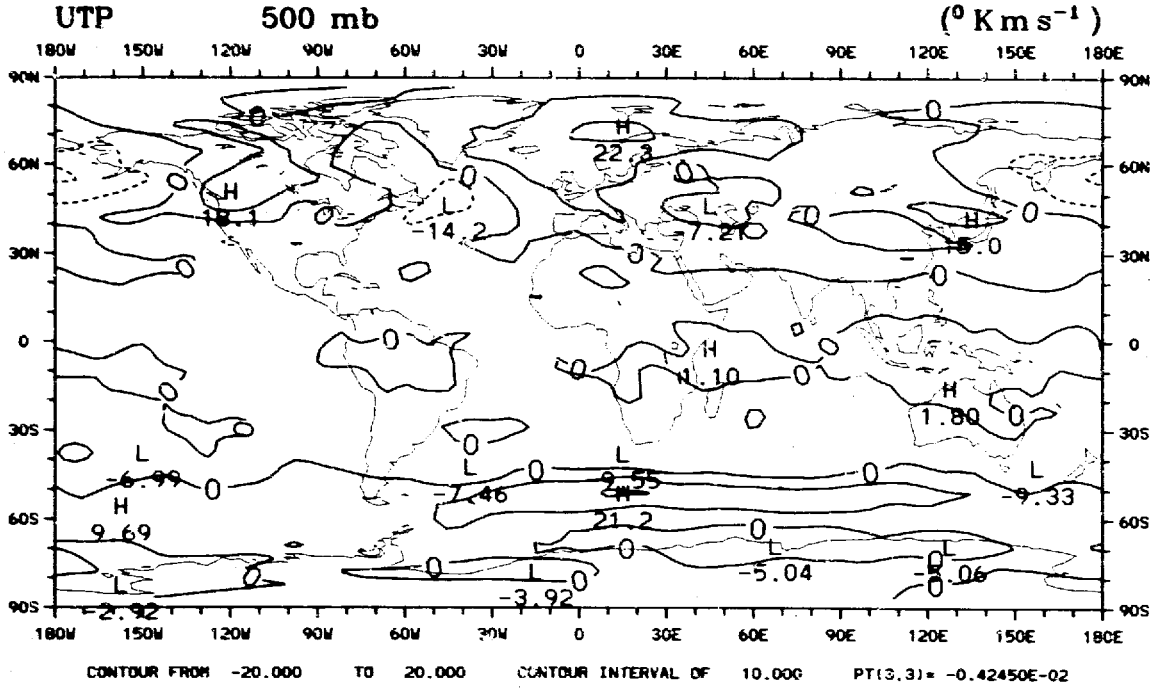

FRAME 1.42

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



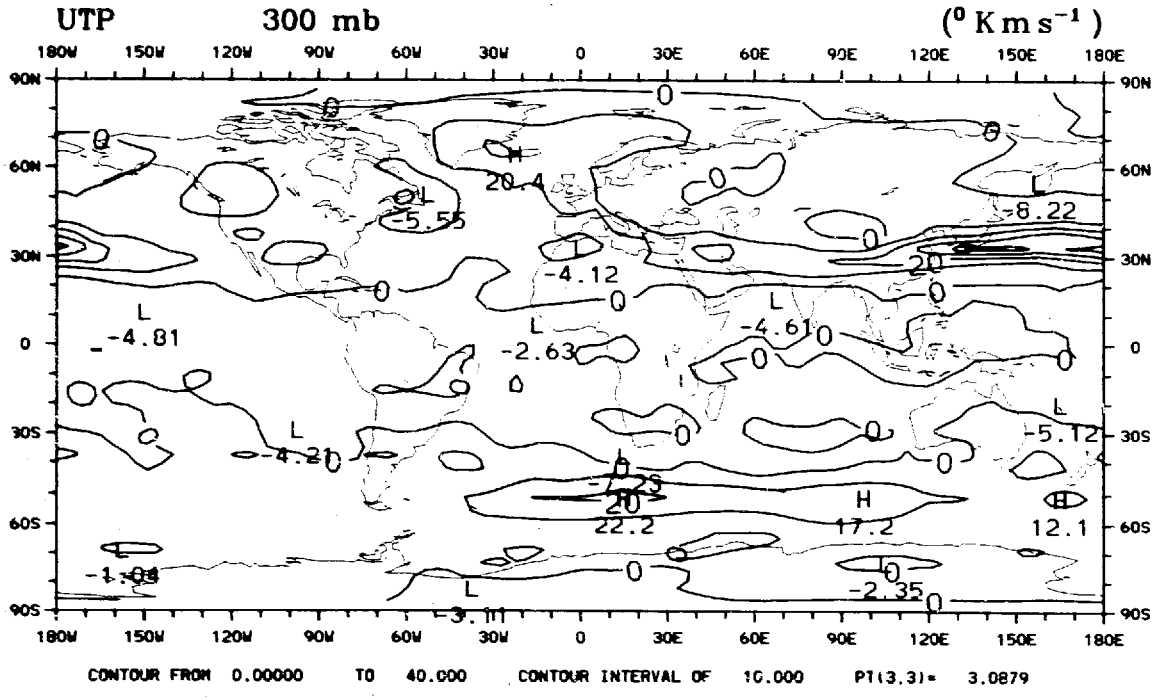

FRAME 1.43

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



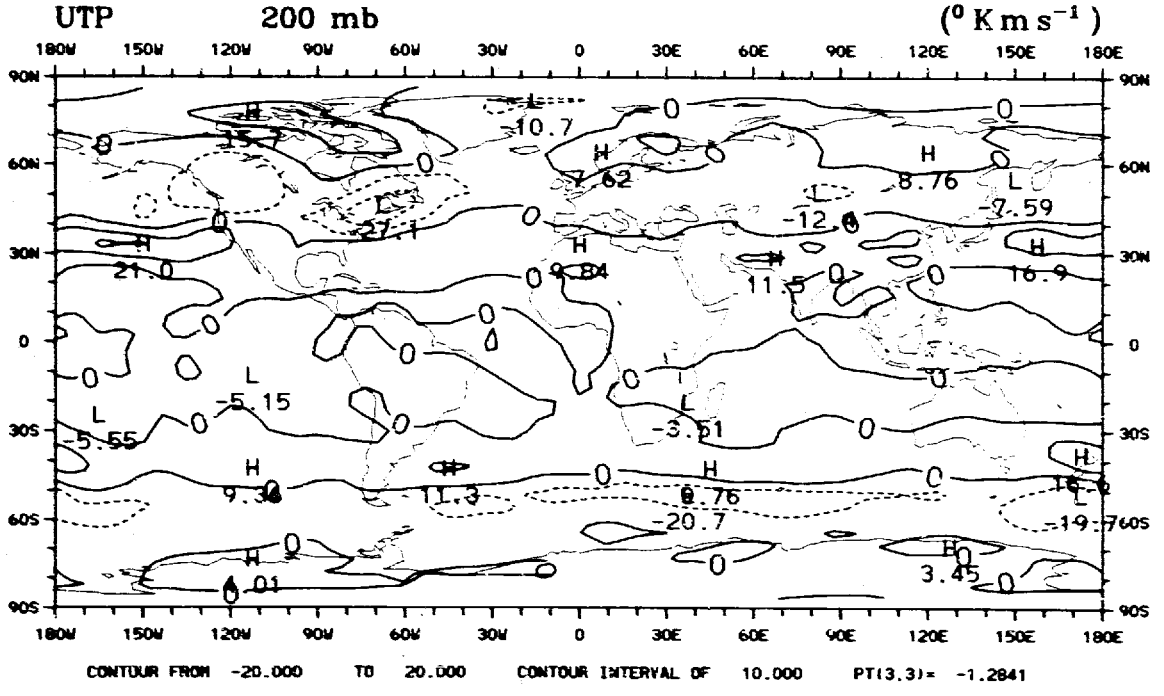

FRAME 1.44

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



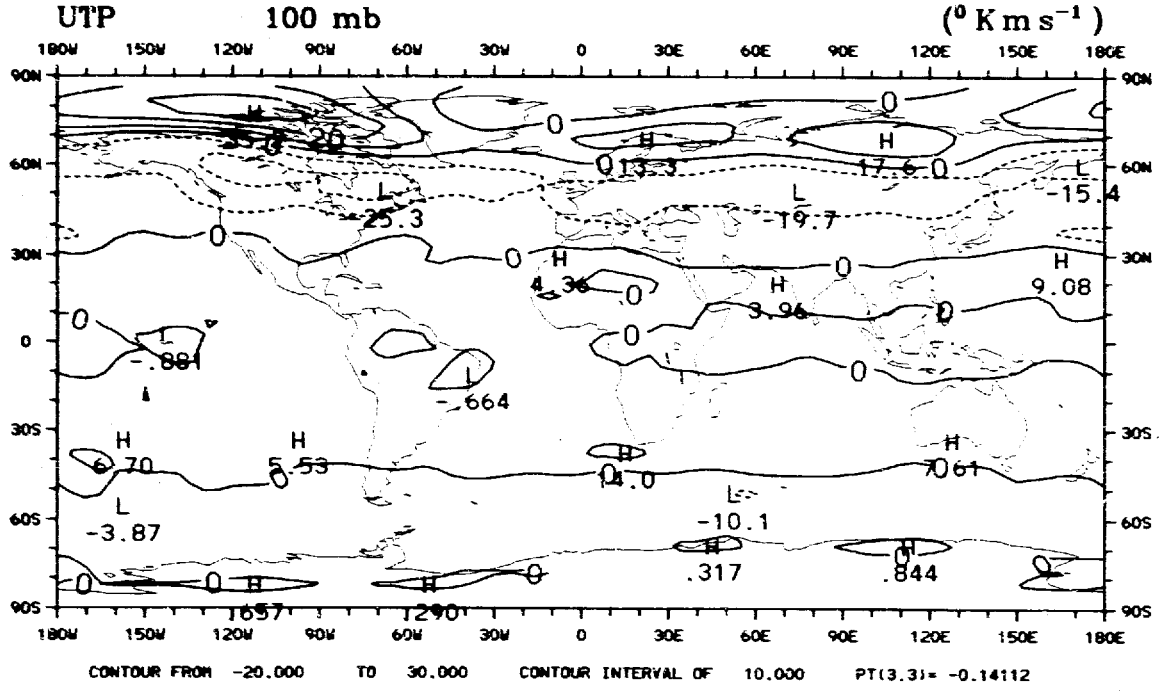

FRAME 1.45

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



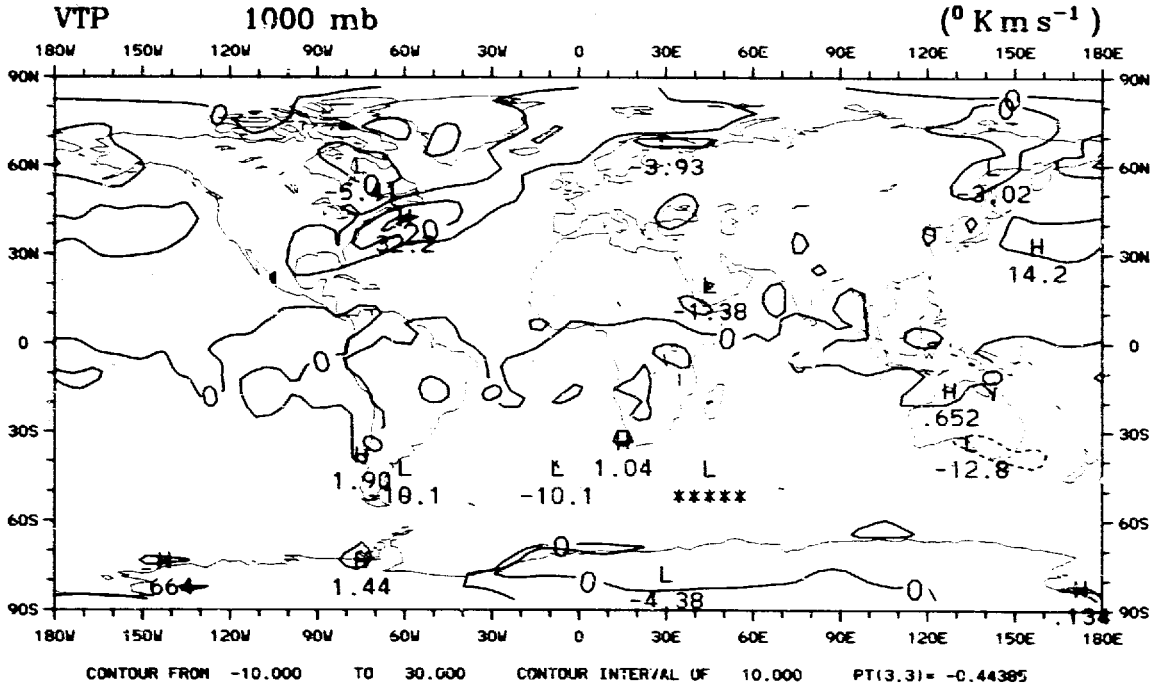

FRAME 1.46

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



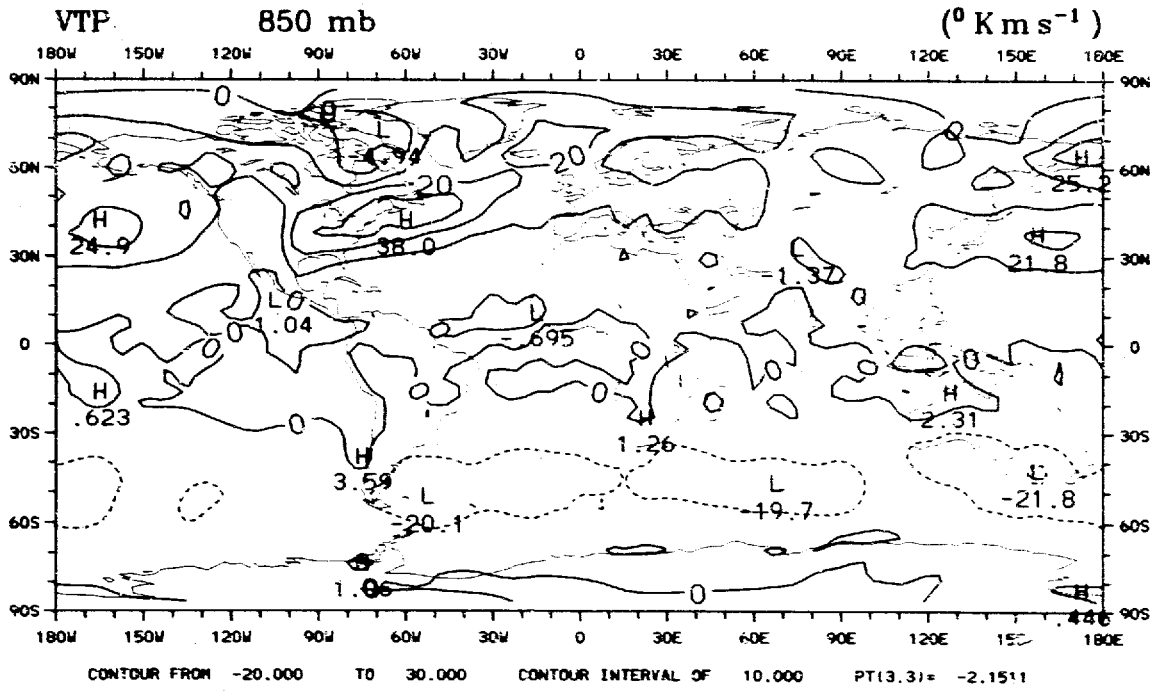

FRAME 1.47

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

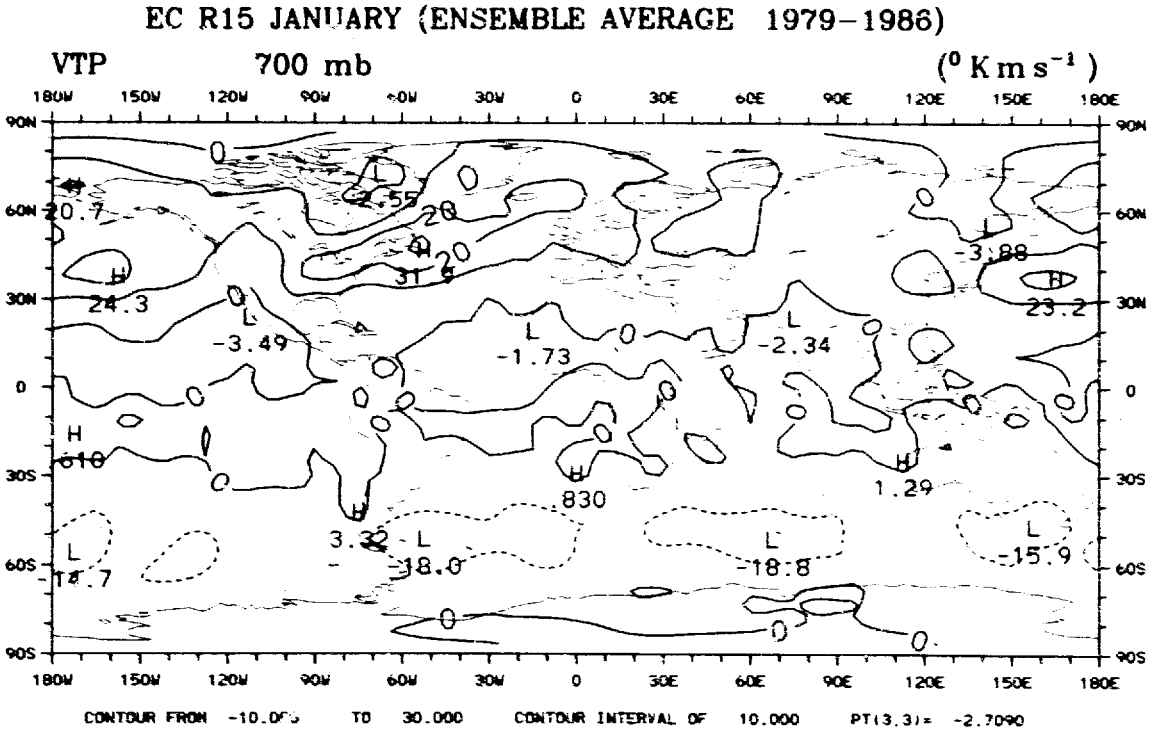



FRAME 1.48

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

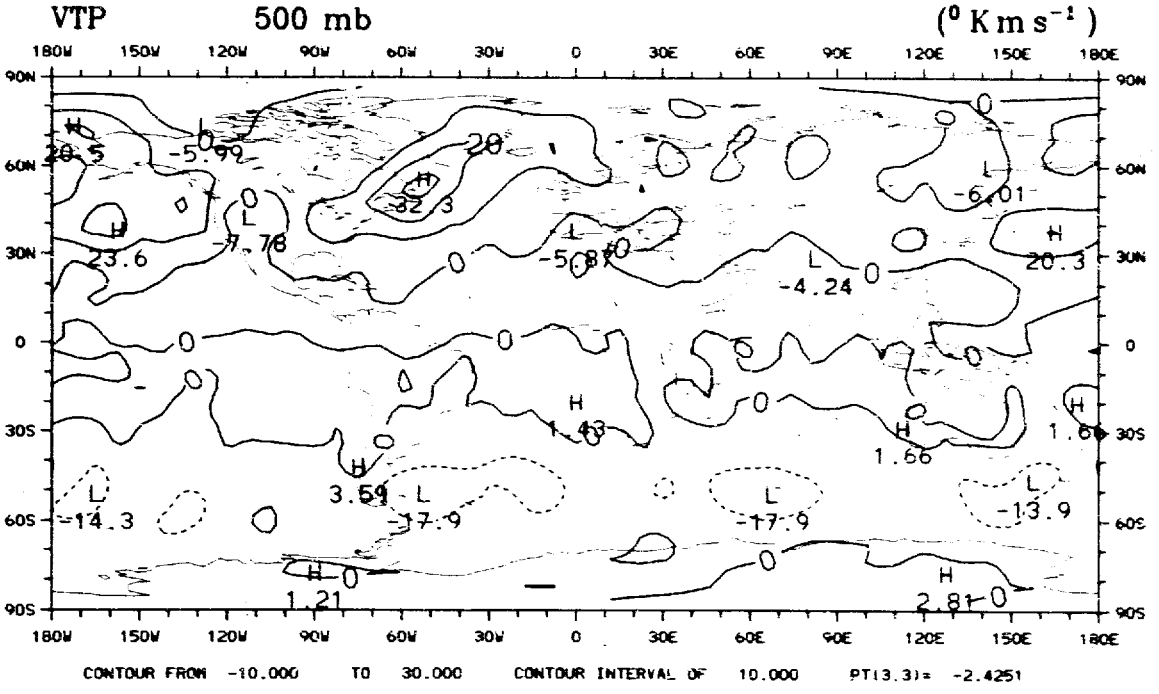



FRAME 1.49


EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)
VTP
700 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
20.7
24.3
-3.49
-1.73
-2.34
-3.88
23.2
1.29
830
3.32
-18.0
-18.8
-15.9
CONTOUR FROM -10.000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -2.7090

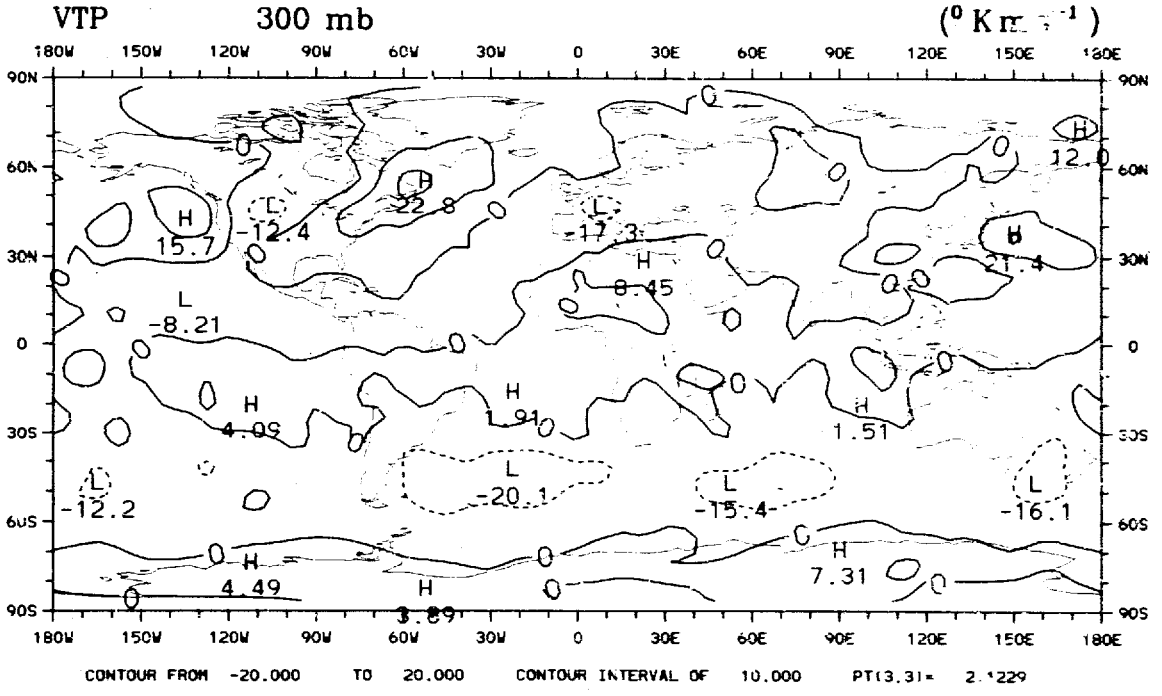
FRAME 1.50

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



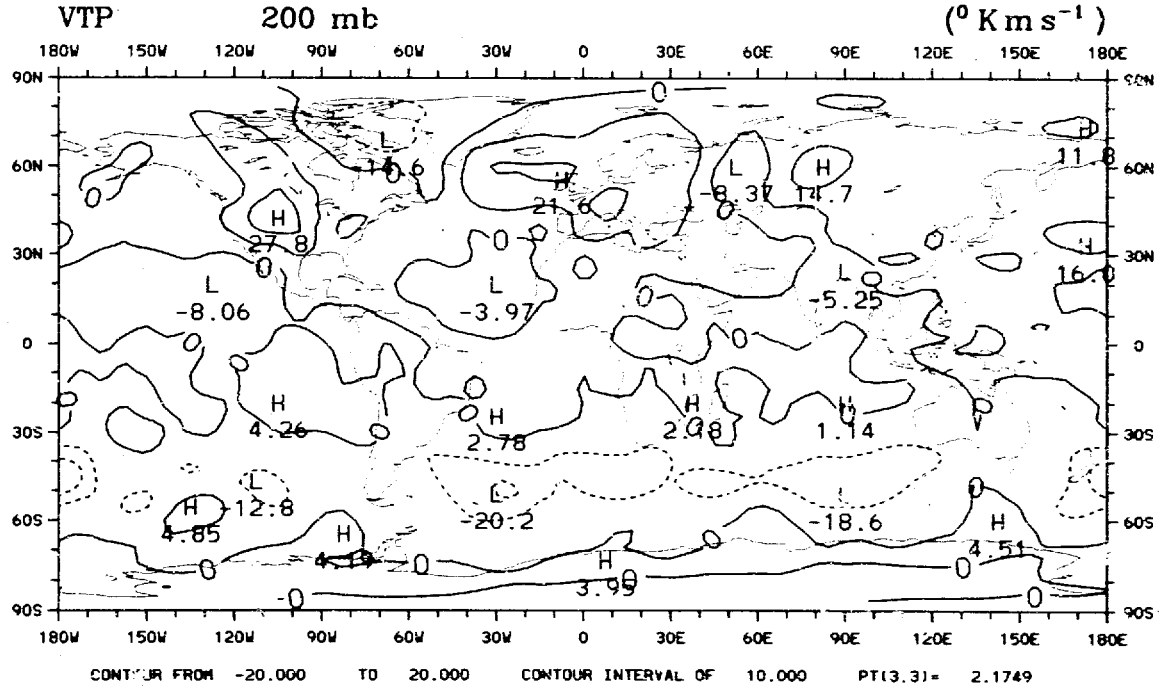

FRAME 1.51

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



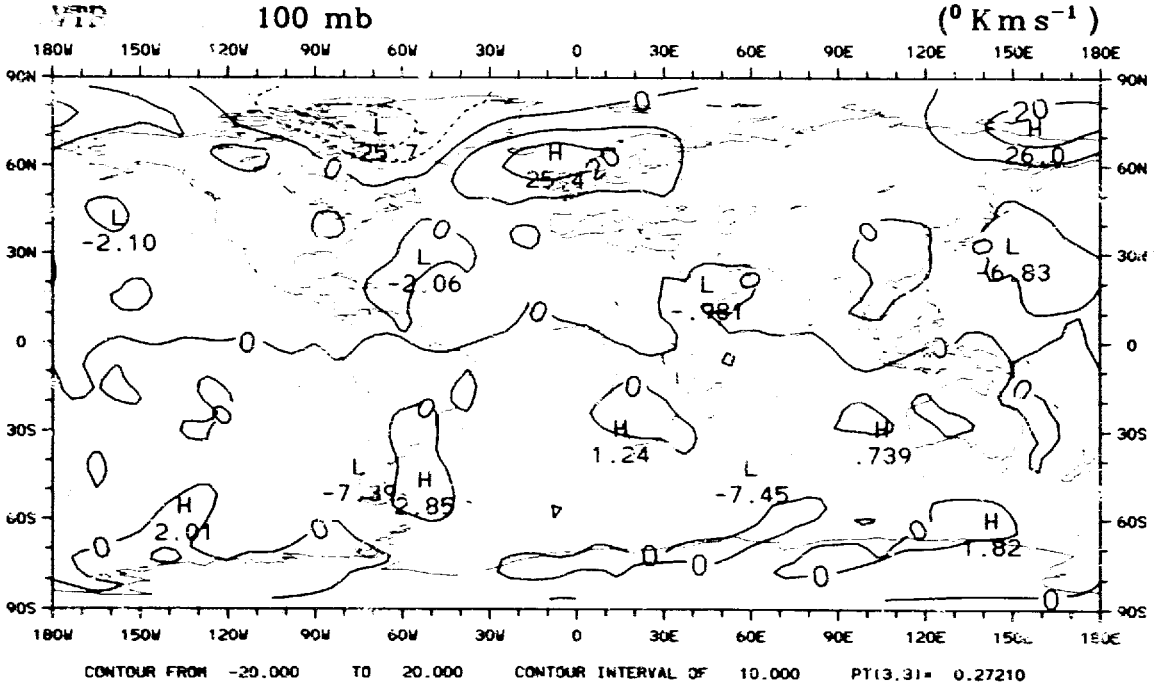

FRAME 1.52

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



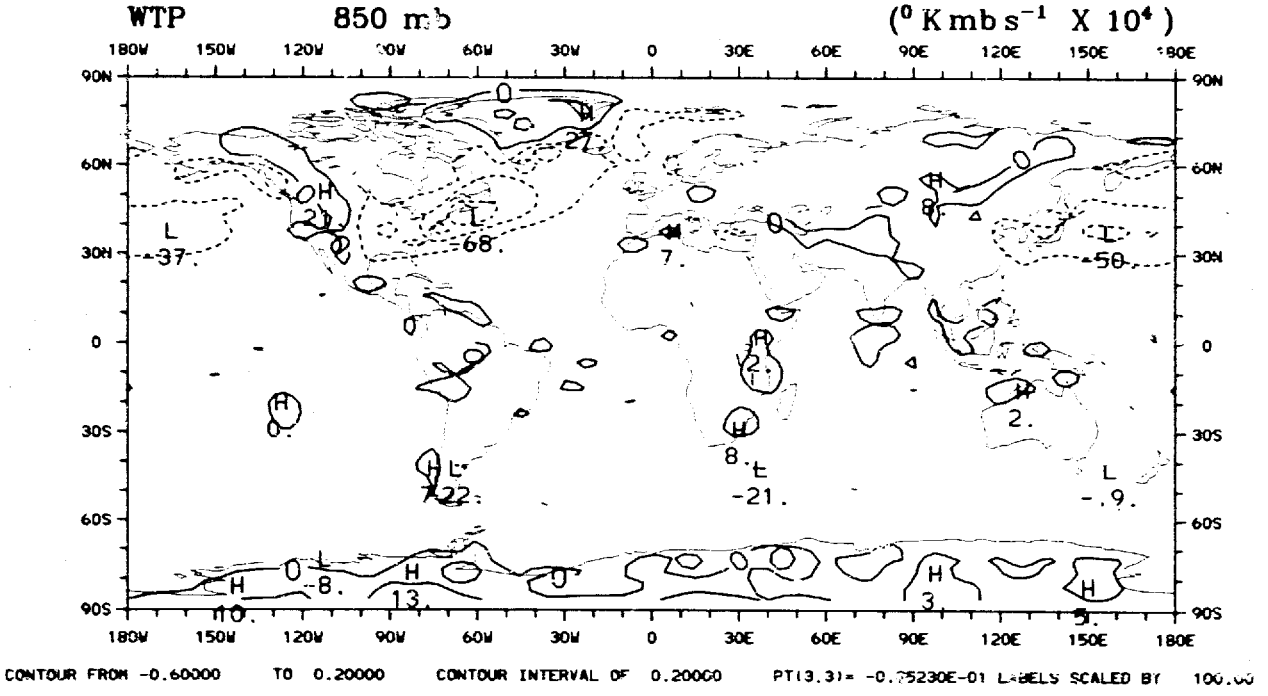

FRAME 1.53

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.54

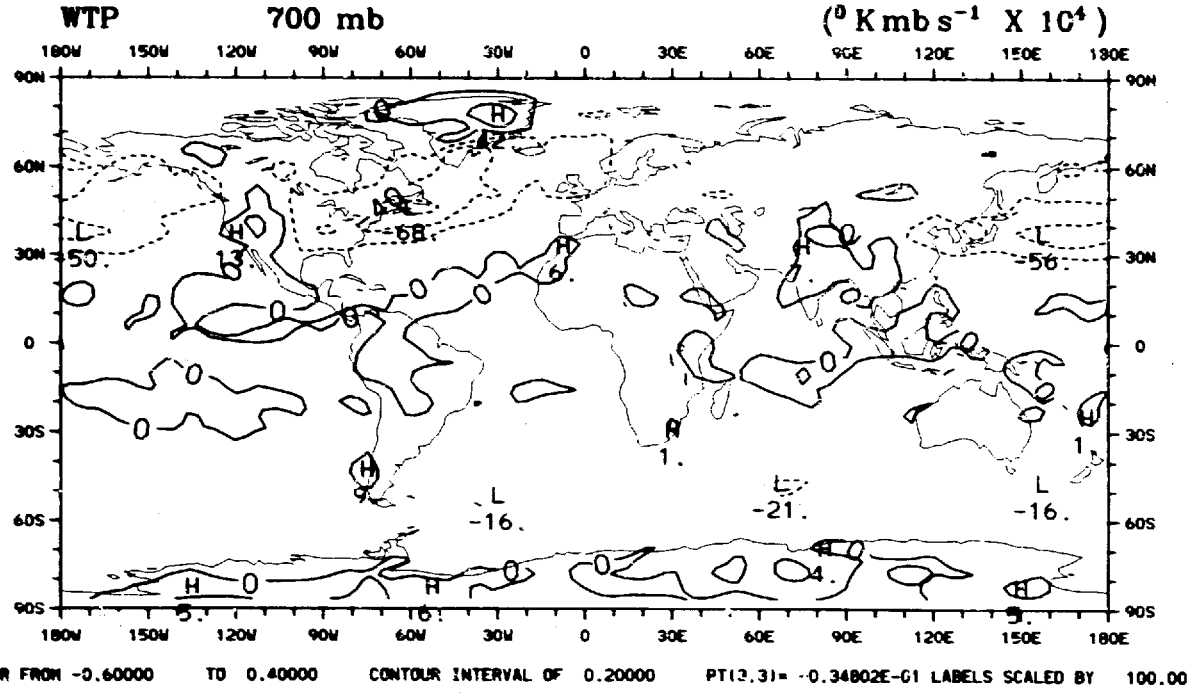
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.60000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.75230E-01 LABELS SCALED BY 100.00

FRAME 1.55

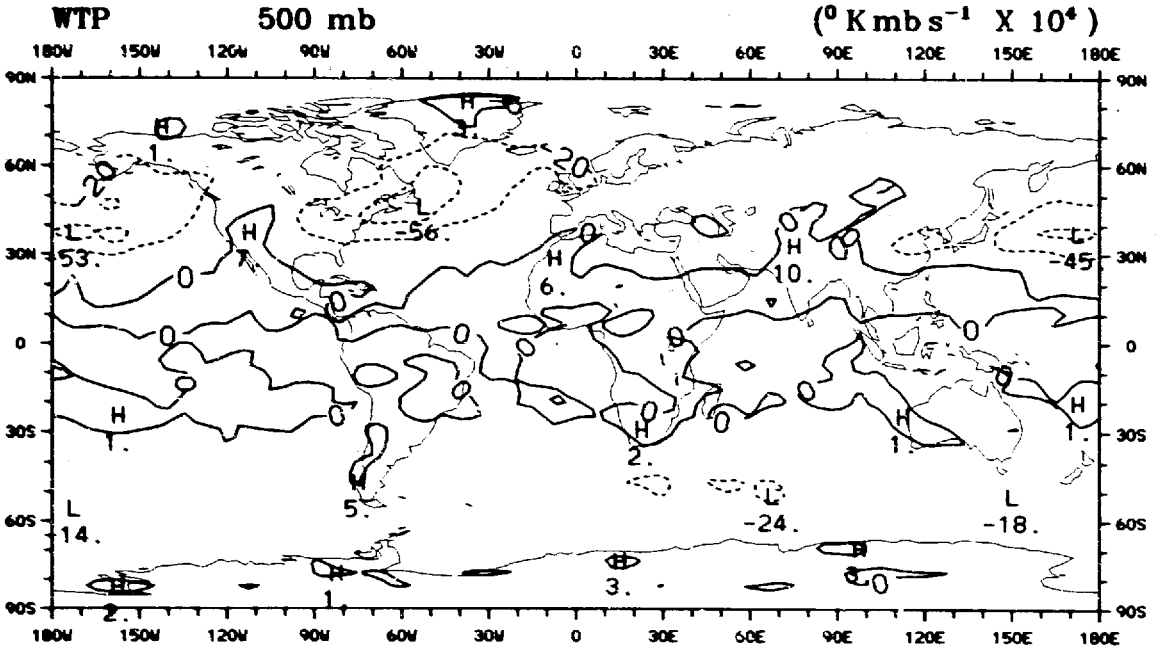
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.60000 TO 0.40000 CONTOUR INTERVAL OF 0.20000 PT(2,3)= -0.34802E-01 LABELS SCALED BY 100.00

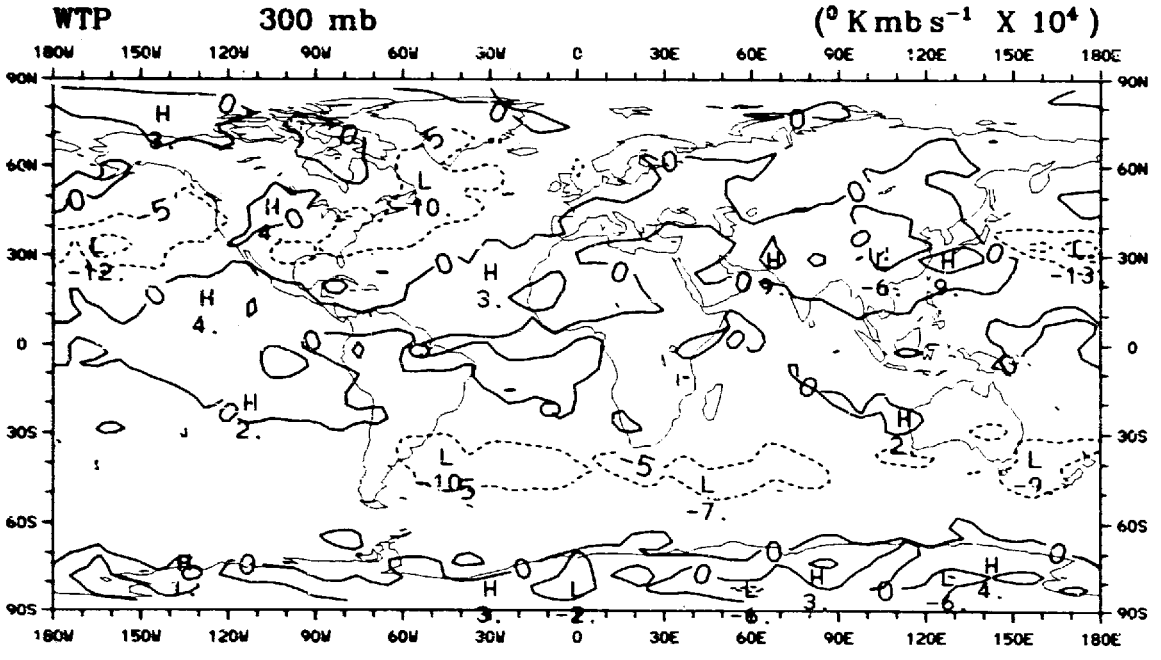
FRAME 1.56

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.57

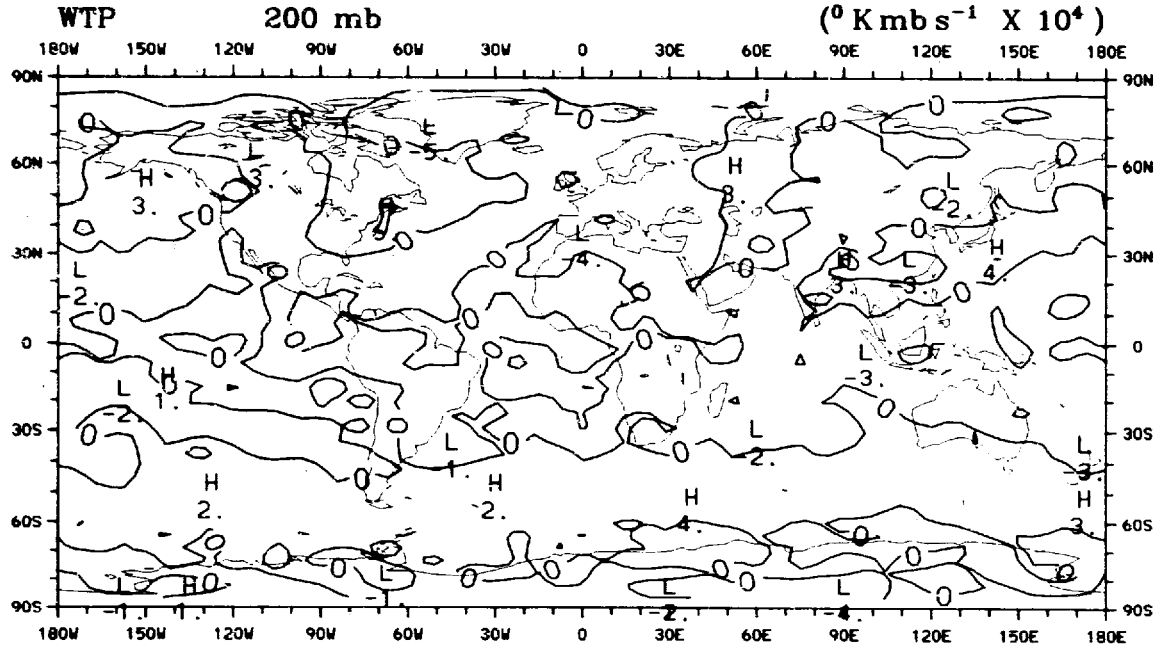
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.89696E-02 LABELS SCALED BY 100.00

FRAME 1.58

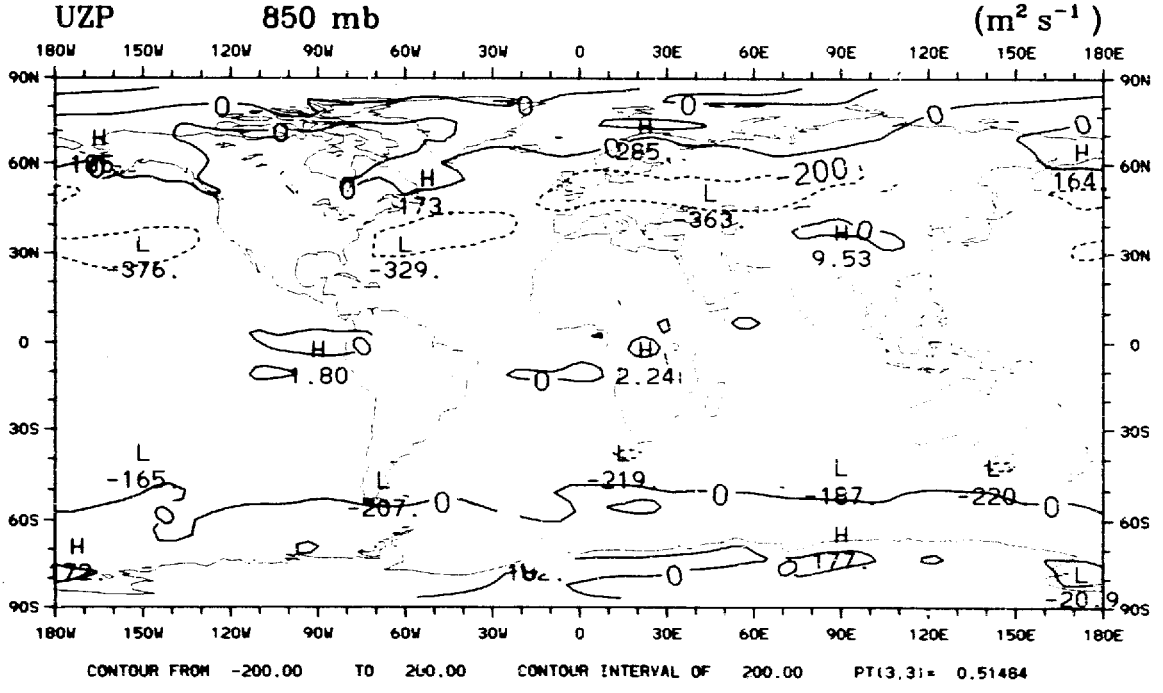
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.50000E-01 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.39997E-02 LABELS SCALED BY 100.00

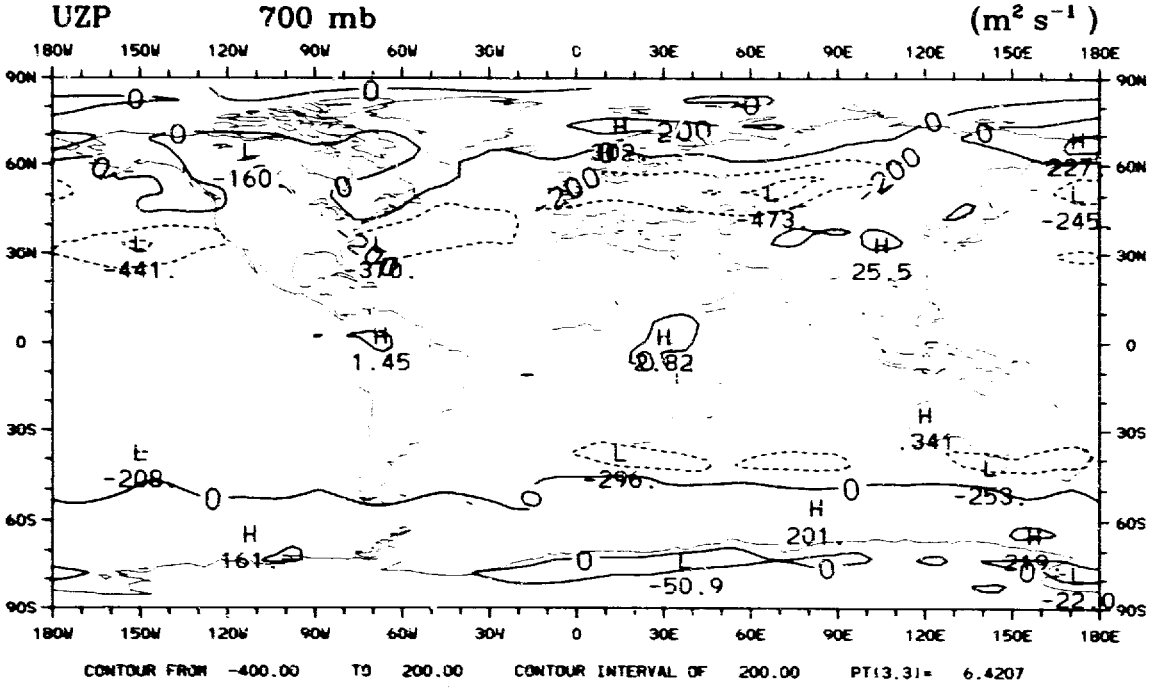
FRAME 1.59

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



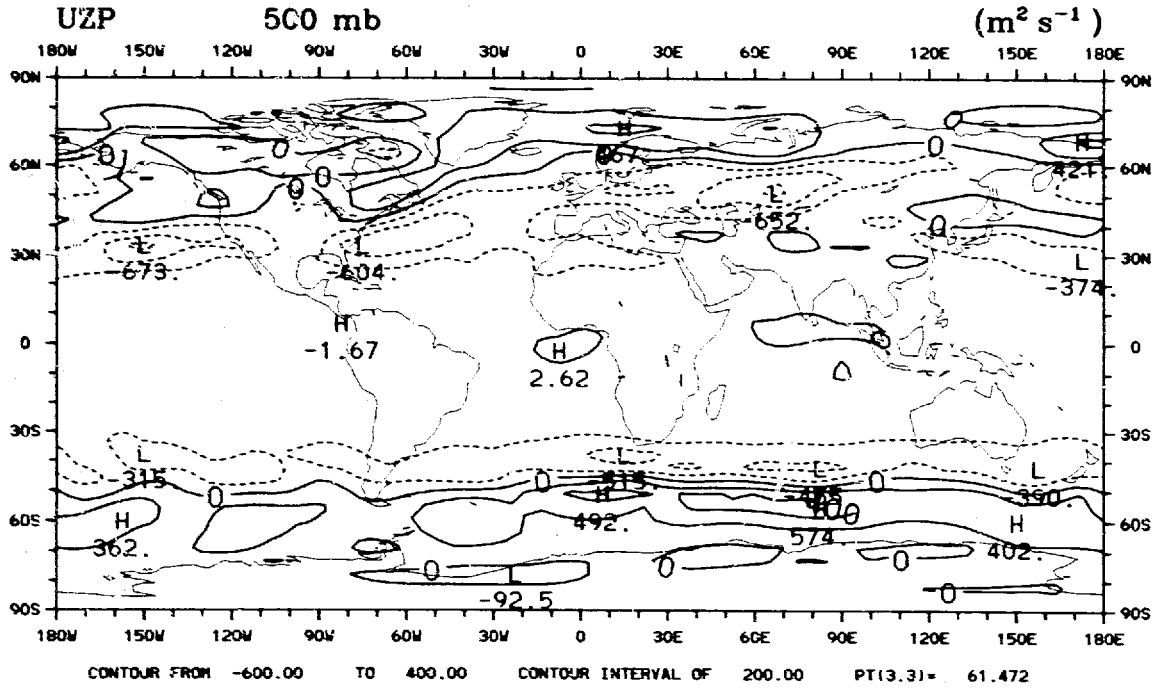

FRAME 1.60

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



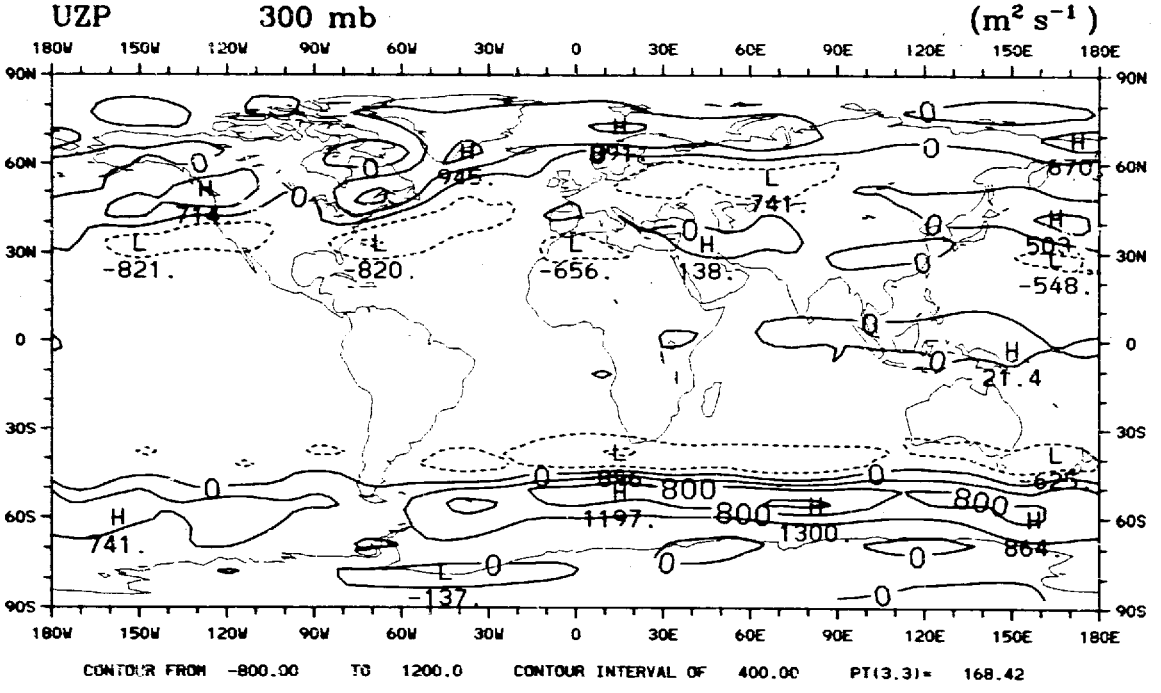

FRAME 1.61

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



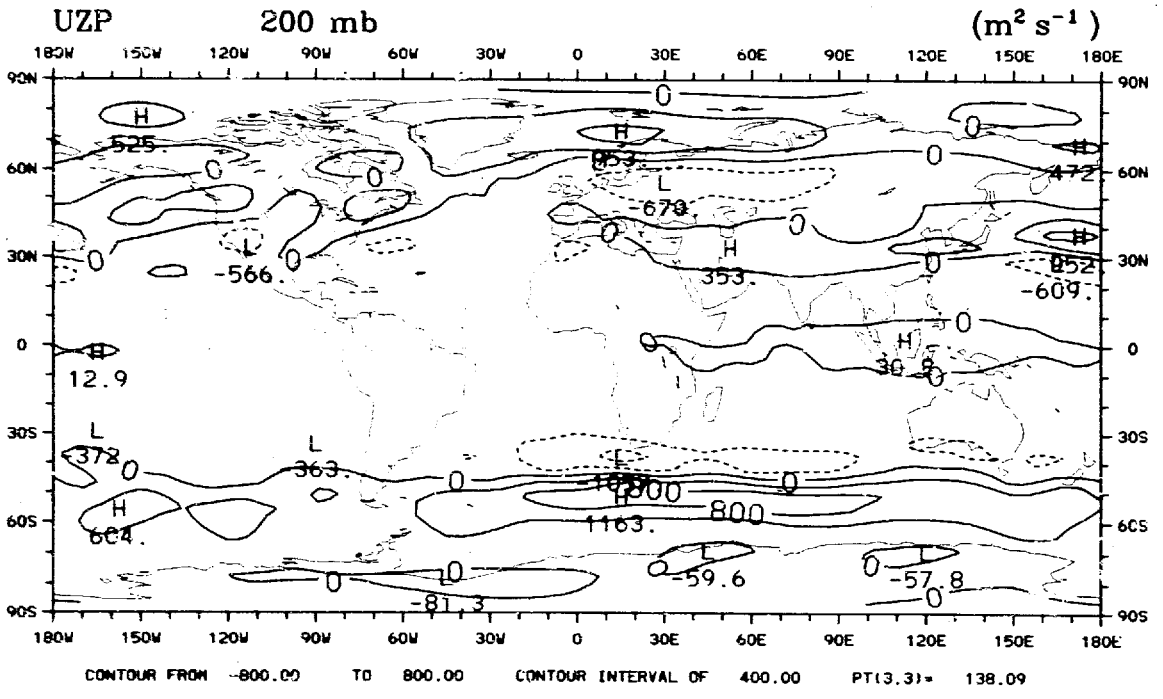

FRAME 1.62

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



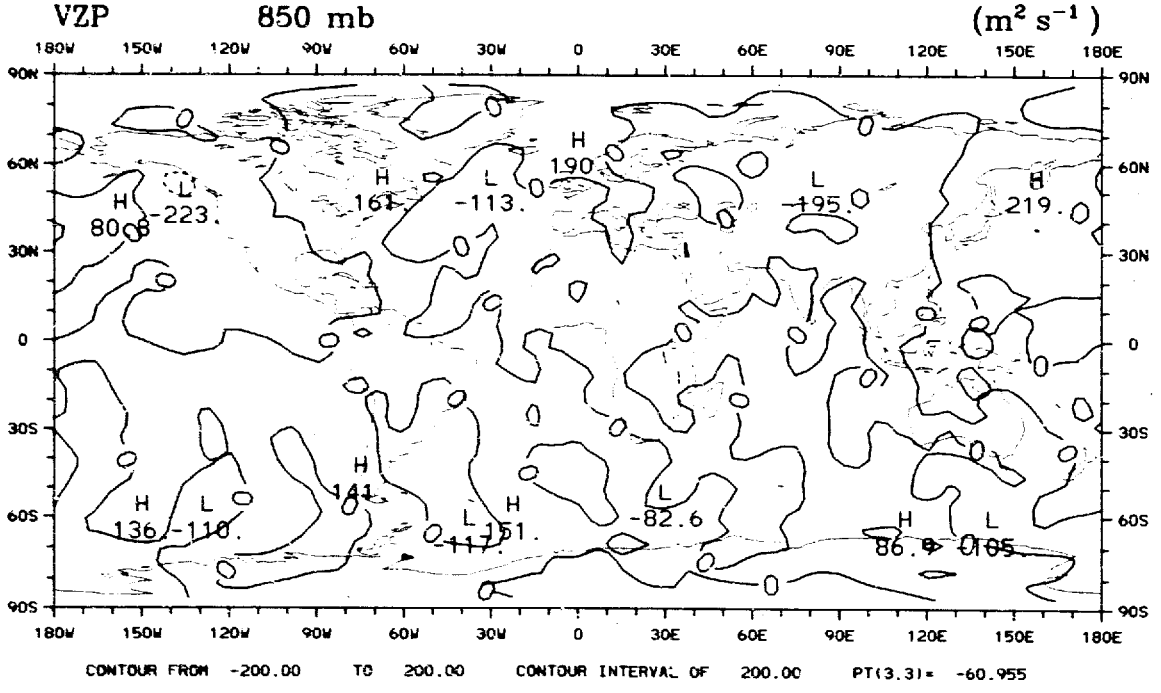

FRAME 1.63

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



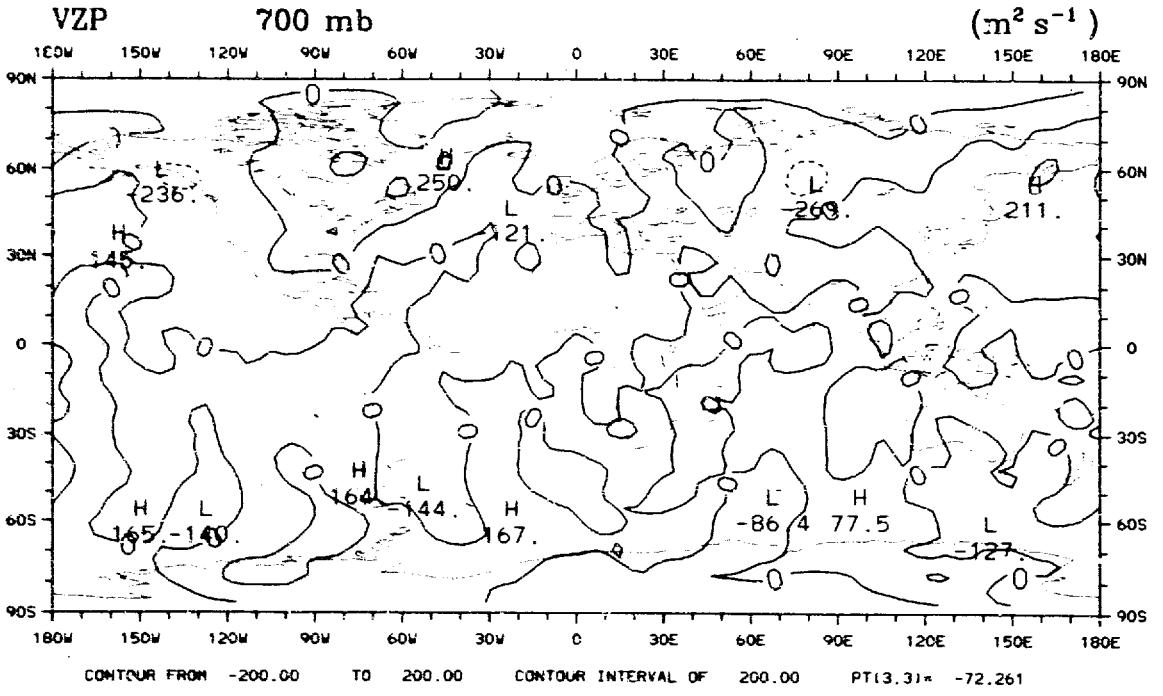

FRAME 1.64

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



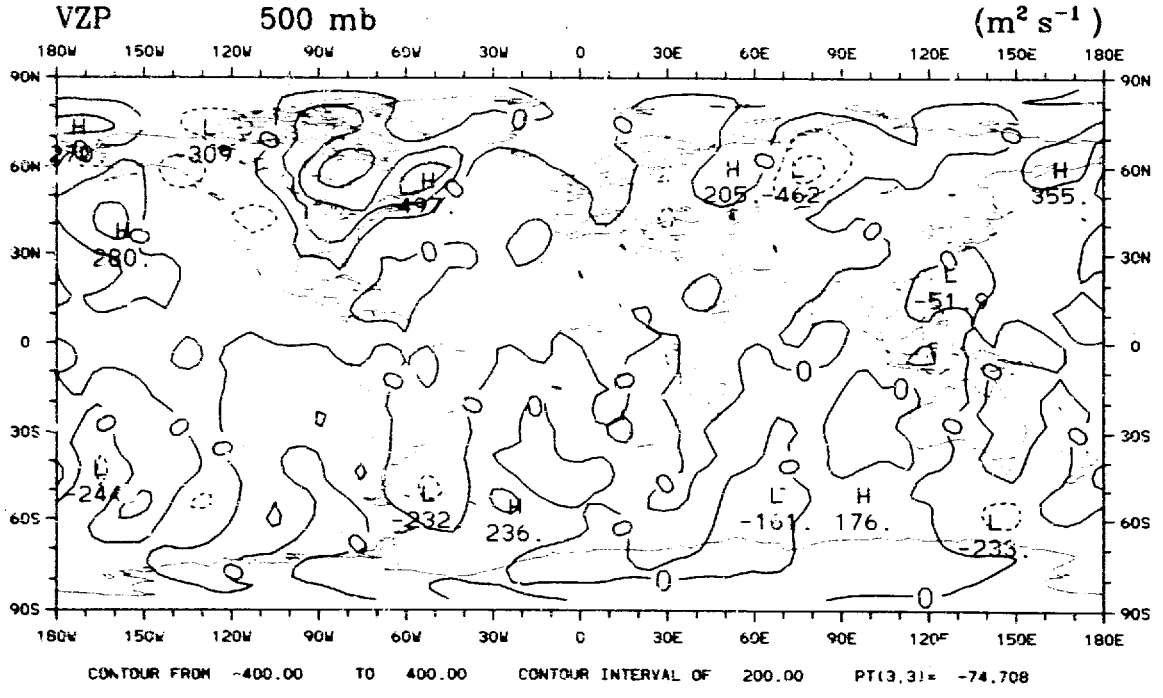

FRAME 1.65

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



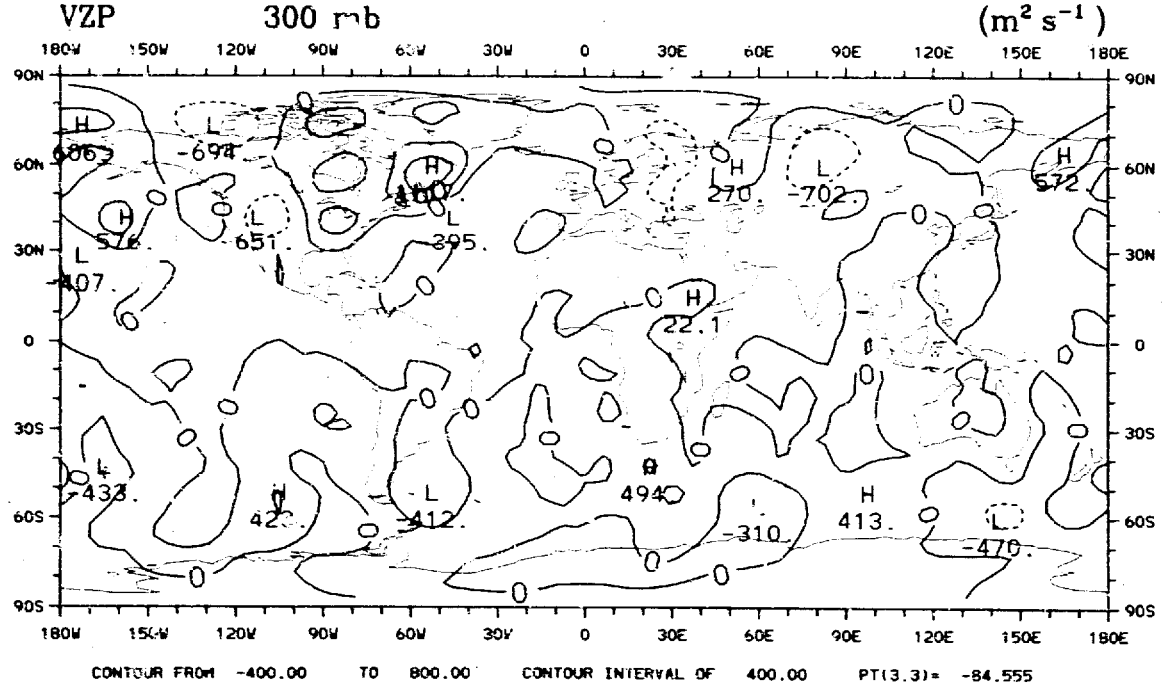

FRAME 1.66

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



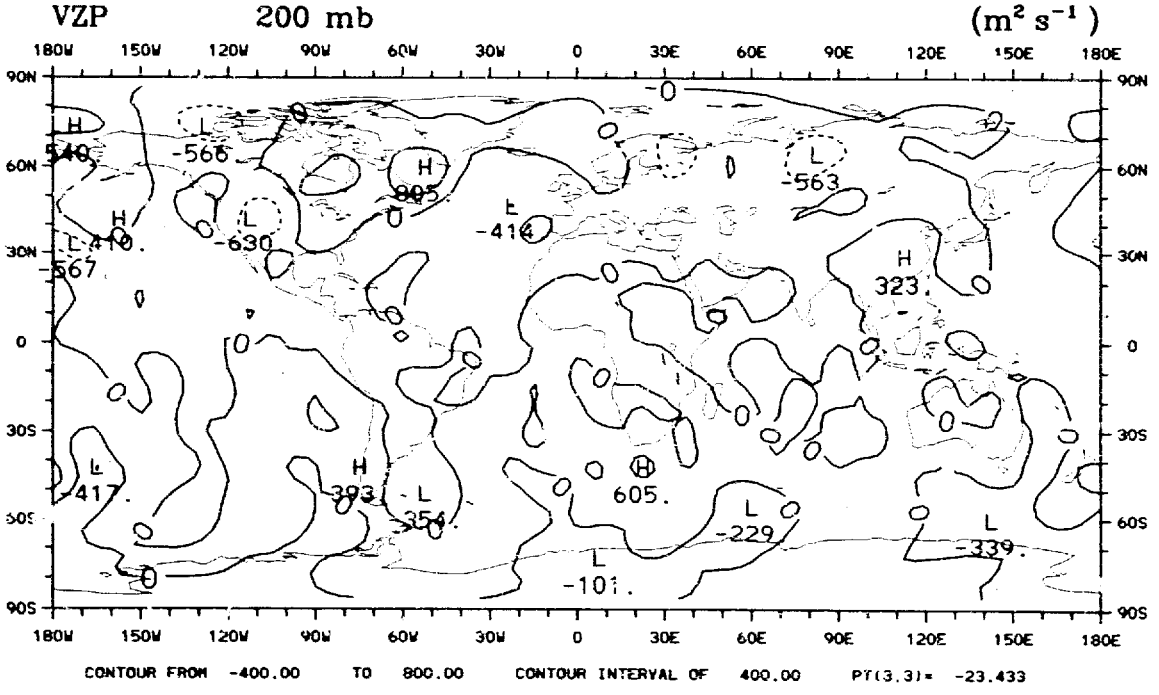

FRAME 1.67

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



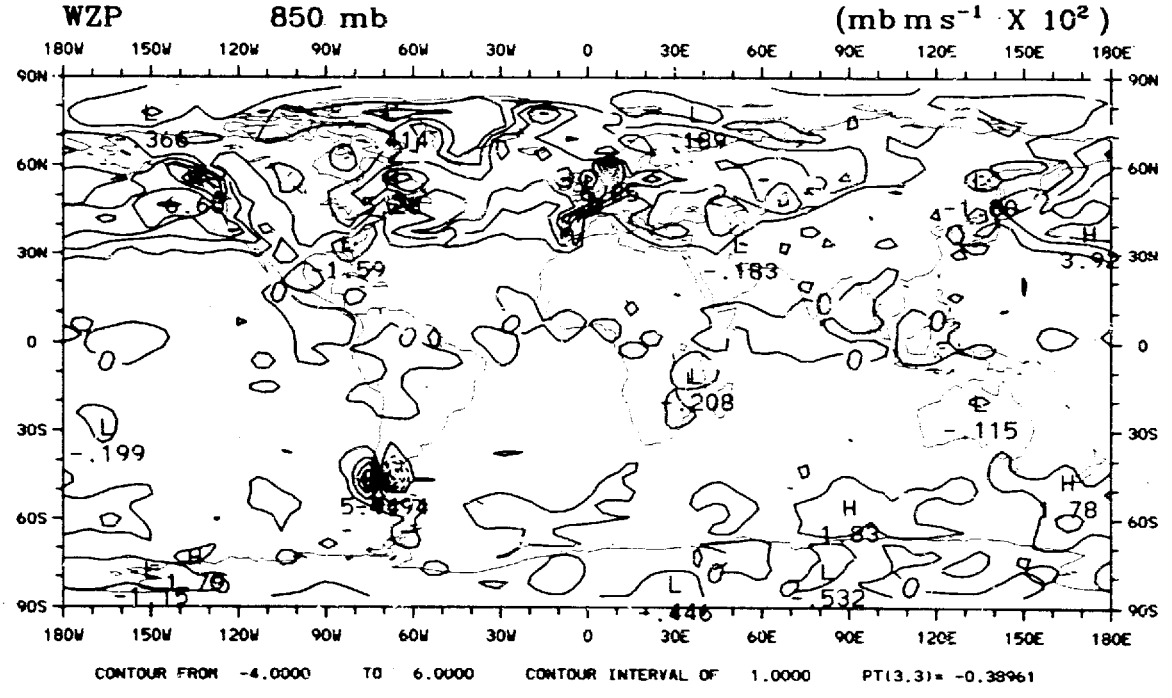

FRAME 1.68

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



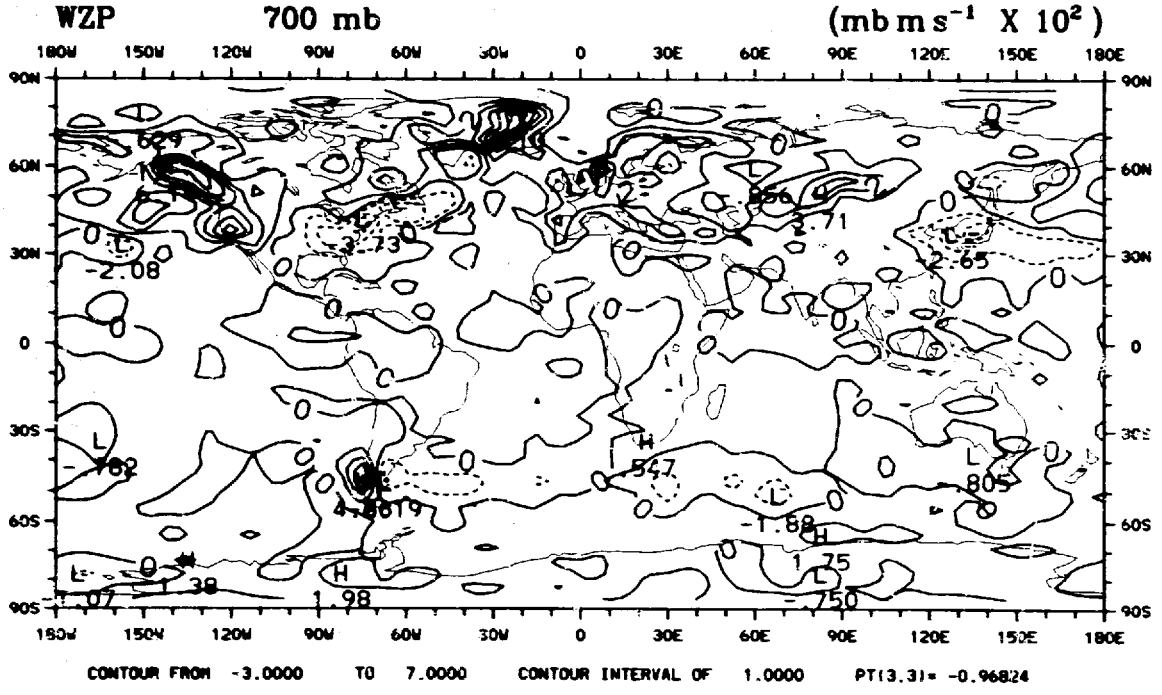

FRAME 1.69

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



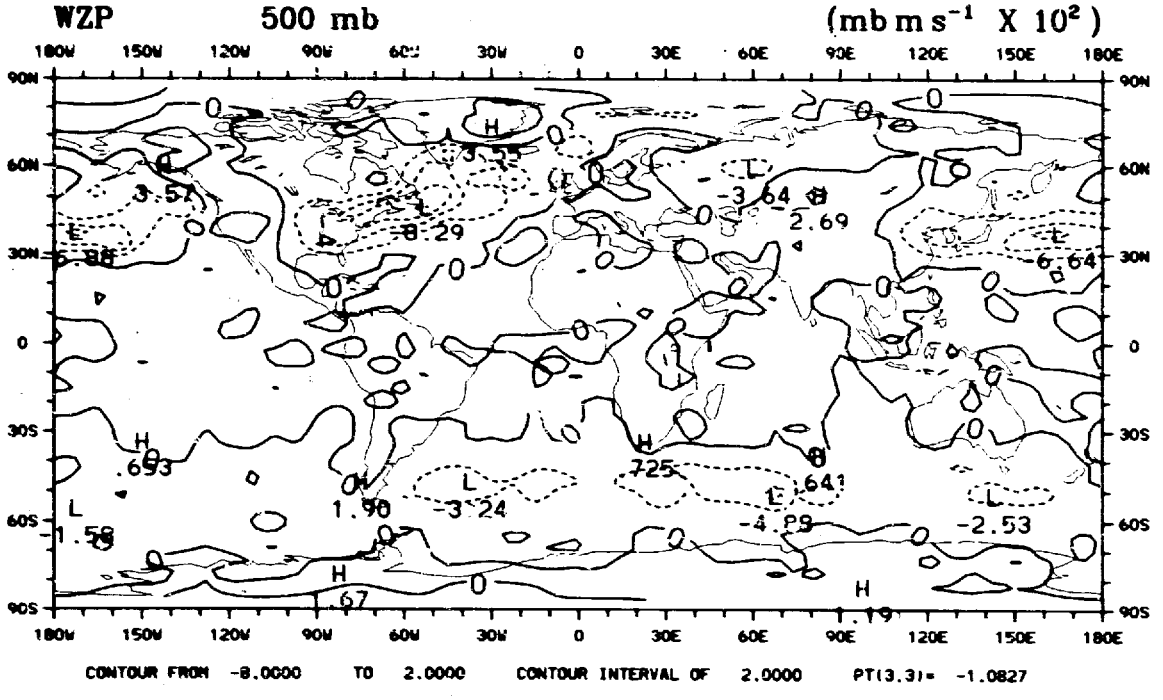

FRAME 1.70

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



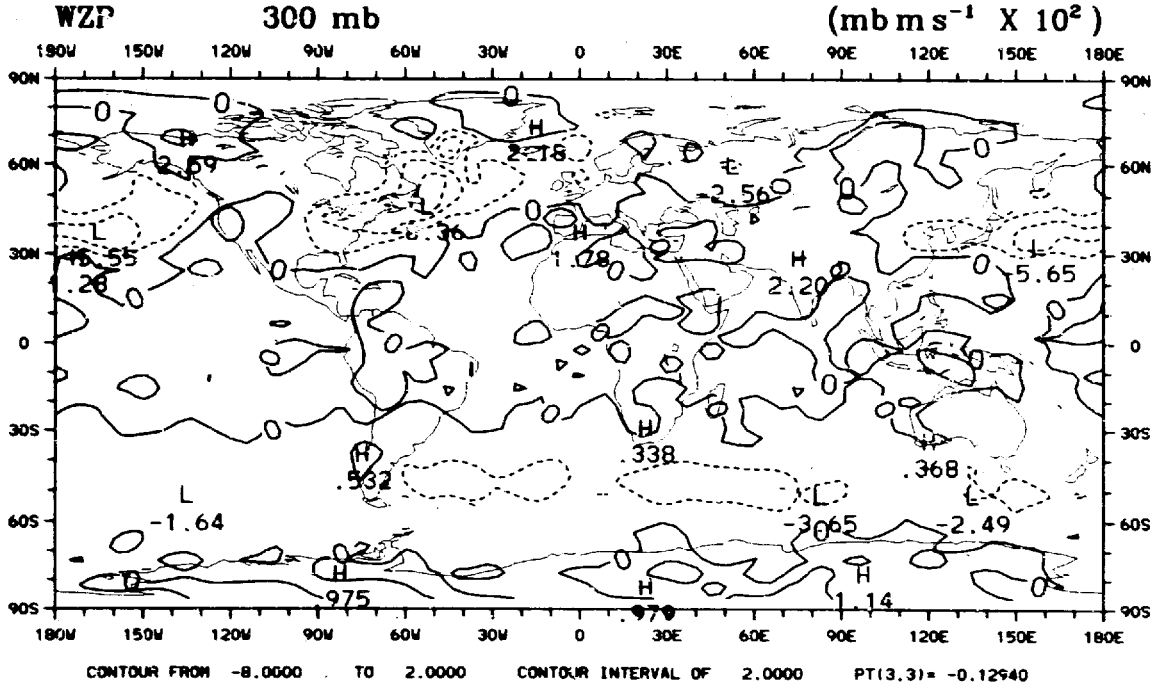

FRAME 1.71

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



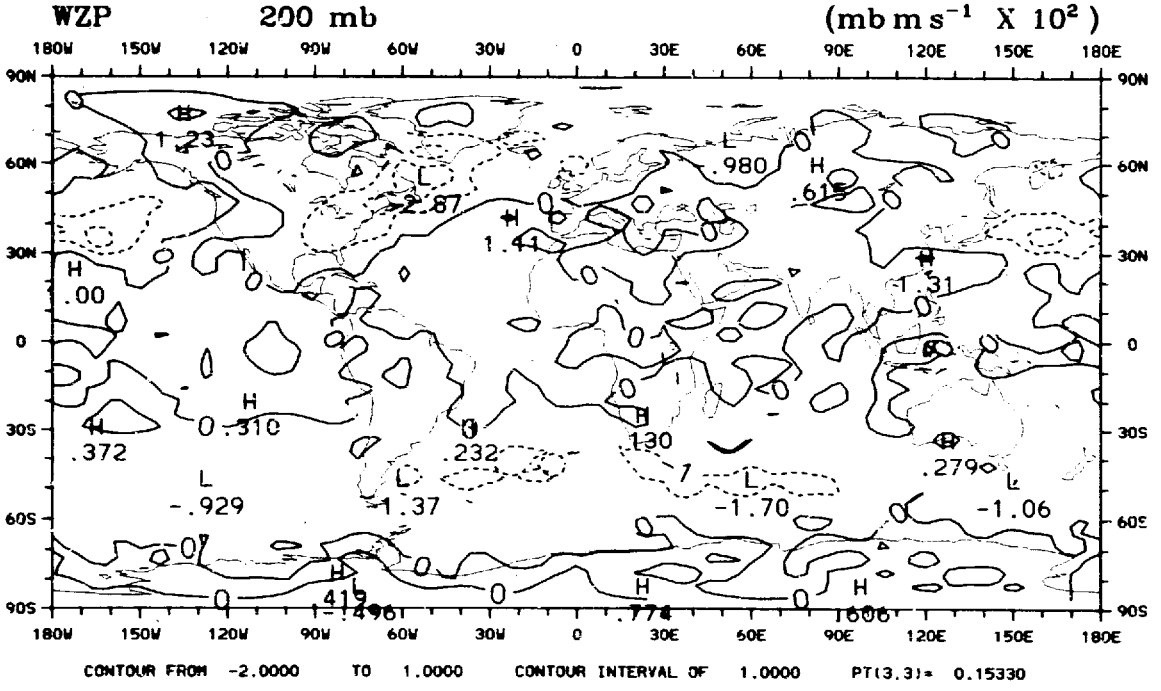

FRAME 1.72

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



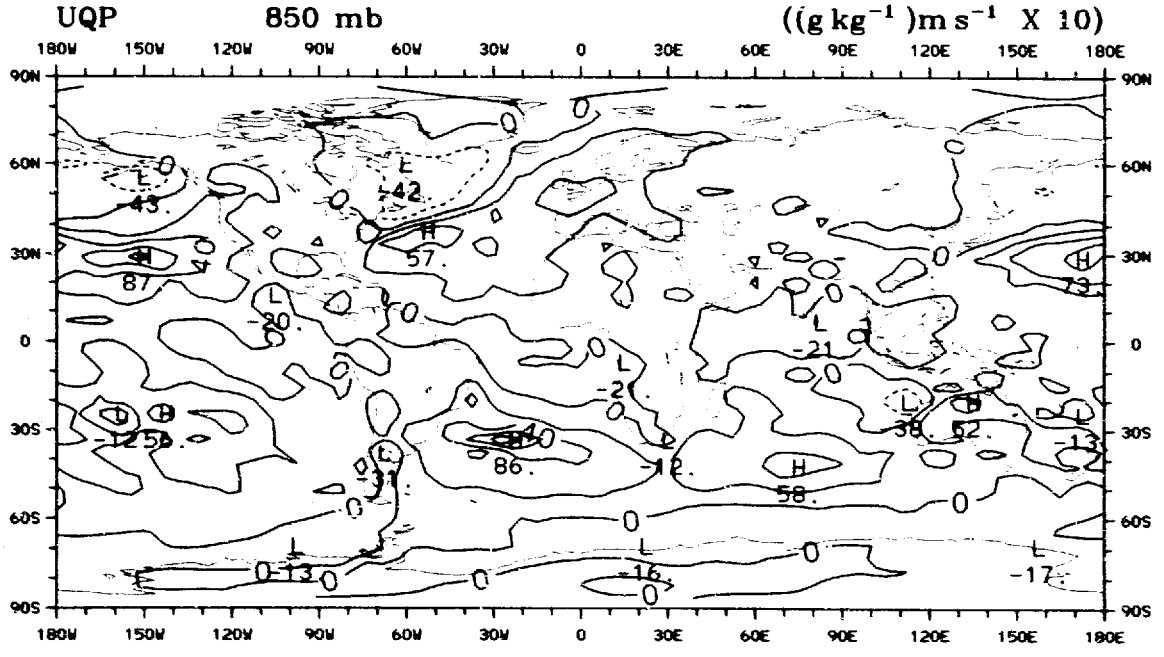

FRAME 1.73

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



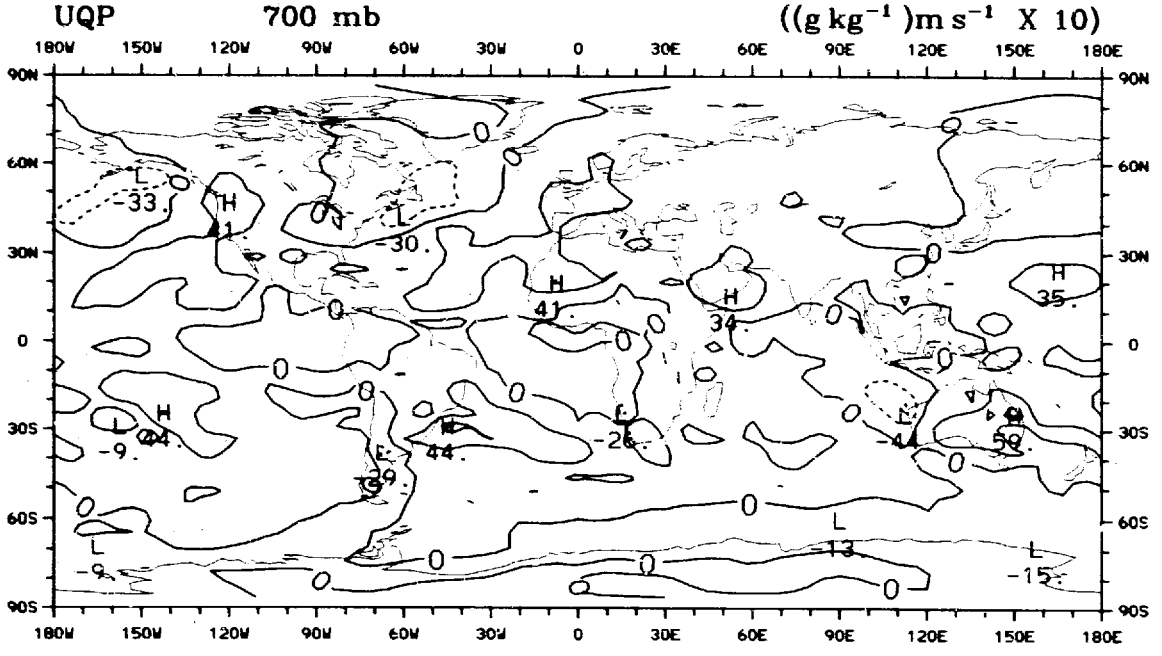

FRAME 1.74

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.75

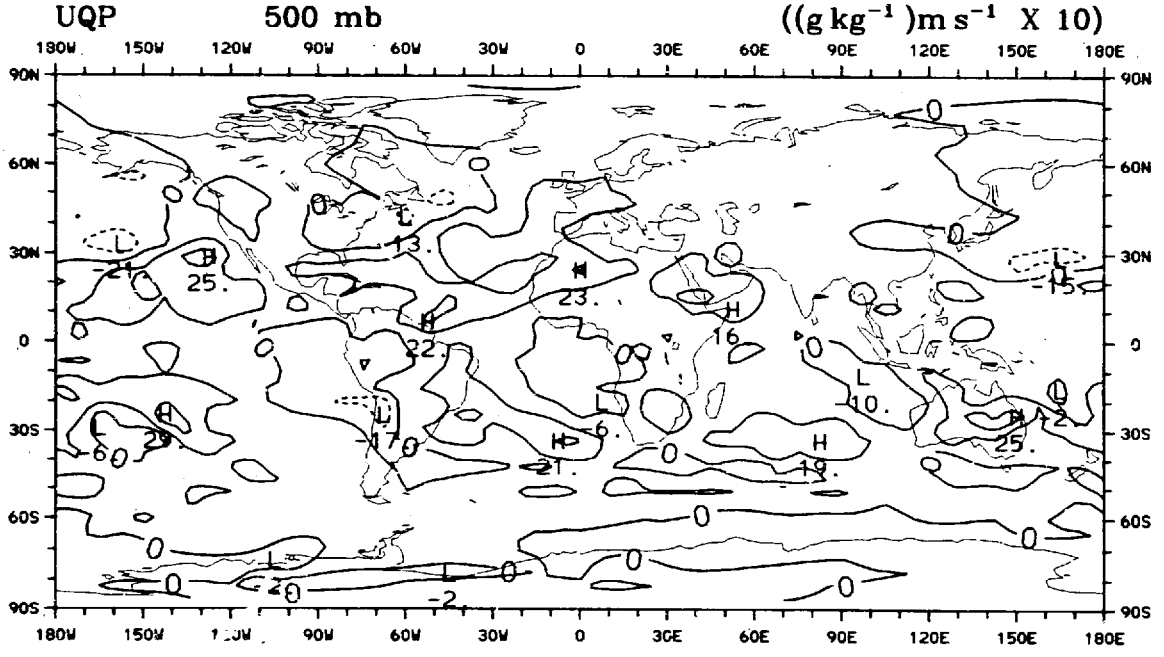
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.35326E-03 LABELS SCALED BY 10000.

FRAME 1.76

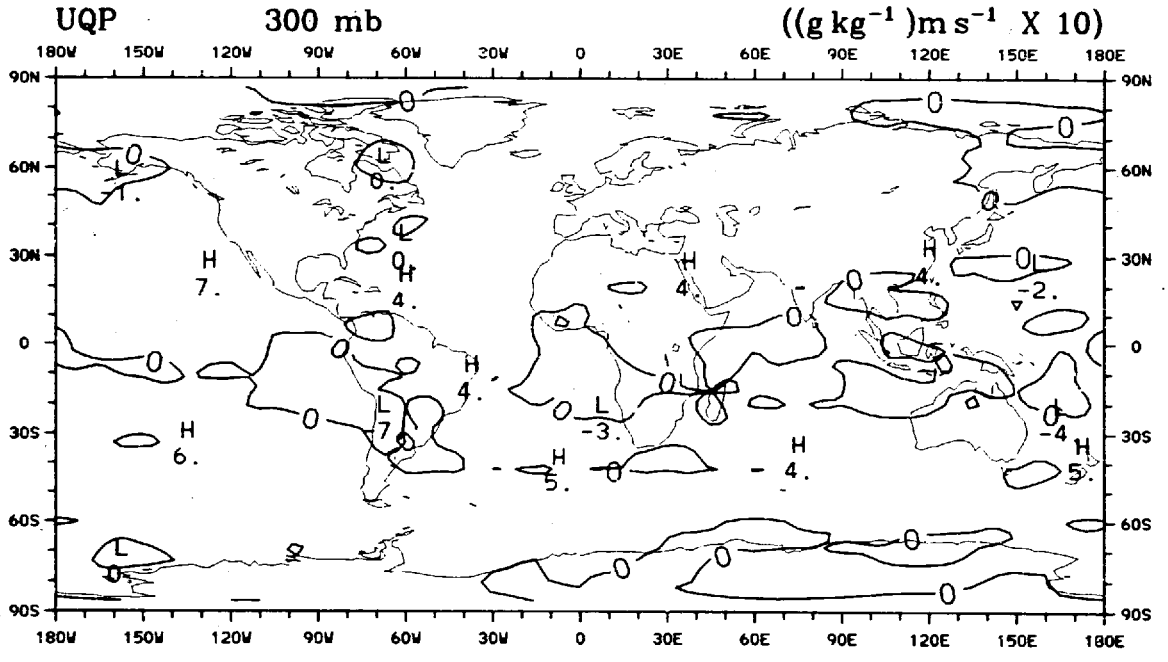
# EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.81464E-04 LABELS SCALED BY 10000.

FRAME 1.77

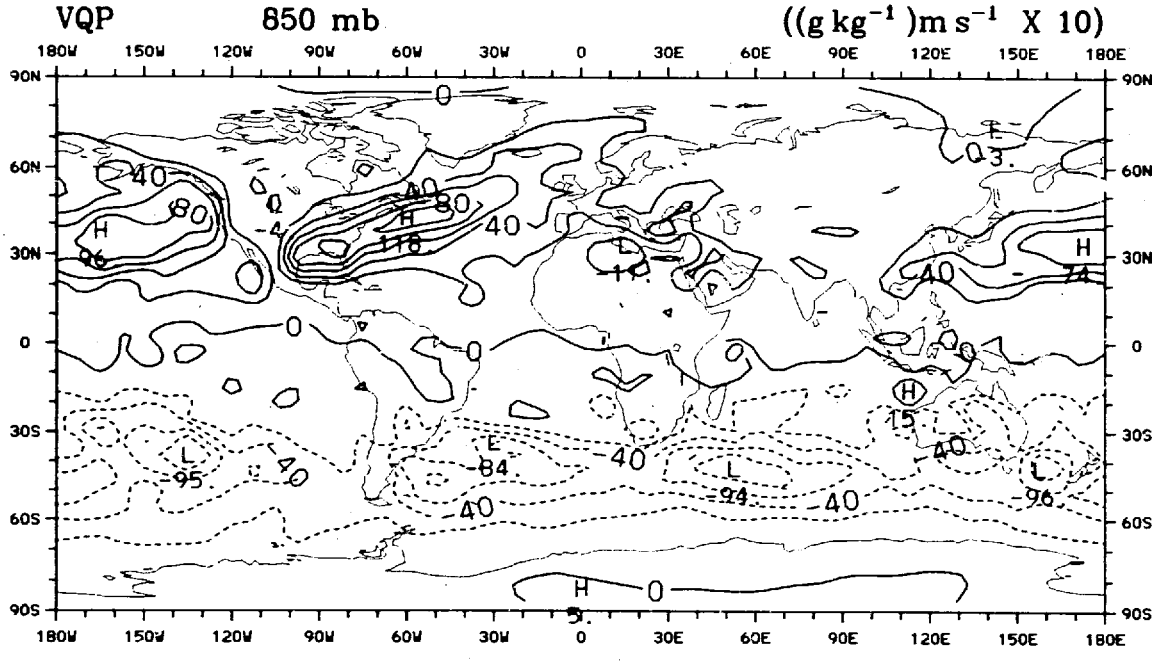
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.13587E-04 LABELS SCALED BY 10000.

FRAME 1.78

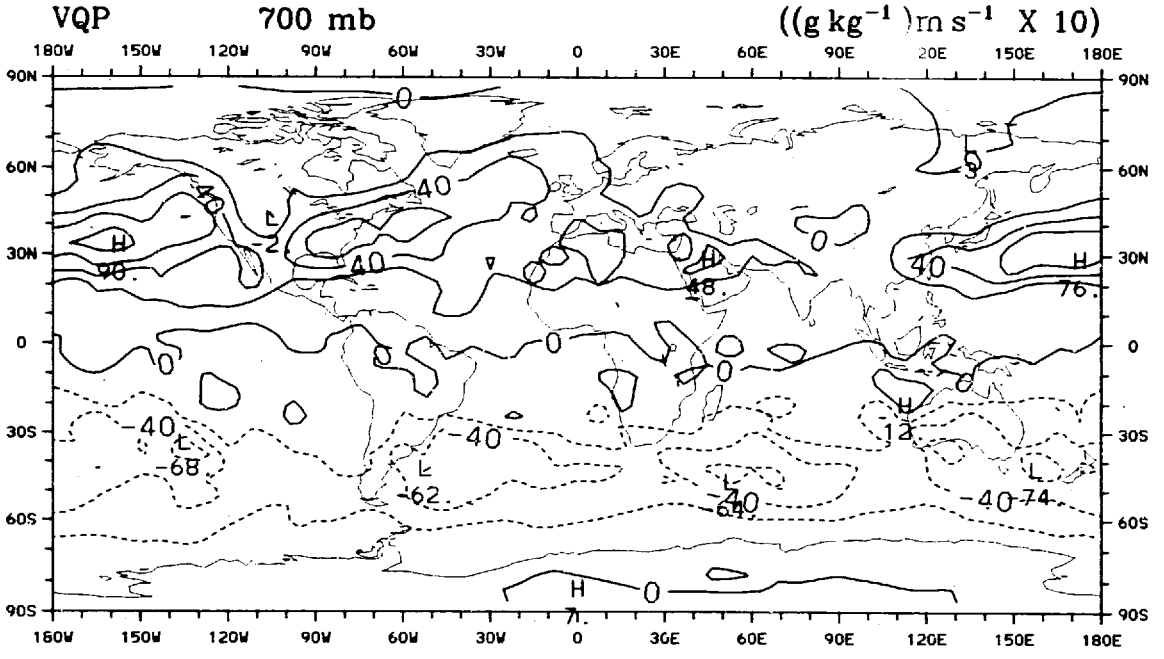
EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM -0.80000E-02 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.88833E-03 LABELS SCALED BY 10000.

FRAME 1.79

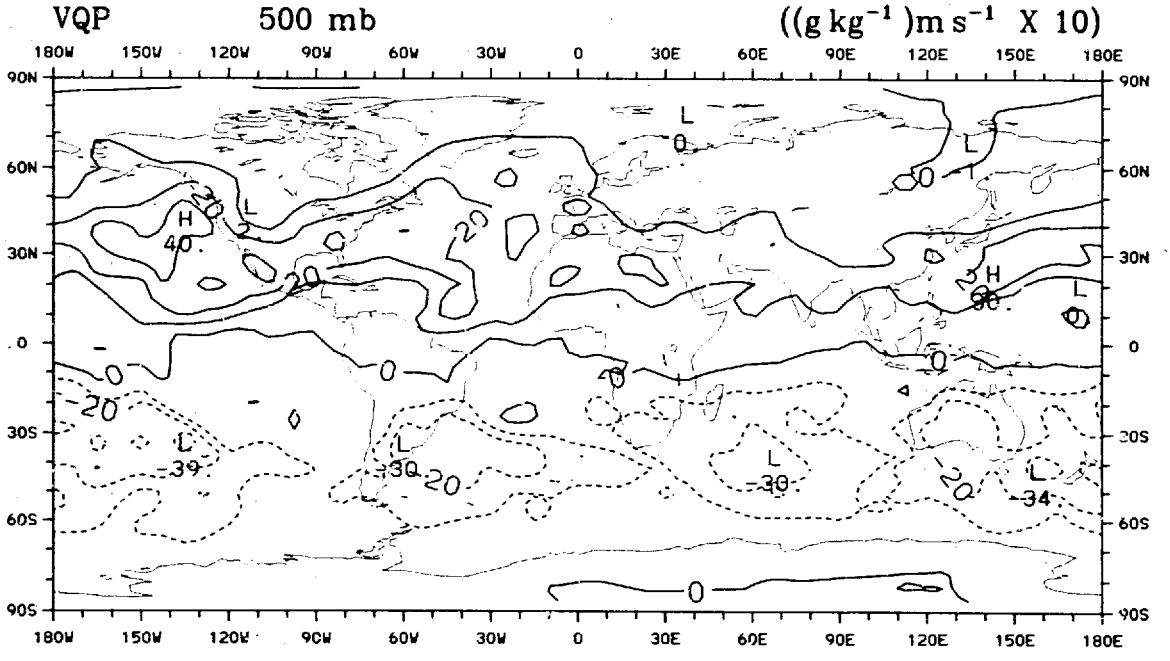
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.60000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.81755E-03 LABELS SCALED BY 10000.

FRAME 1.80

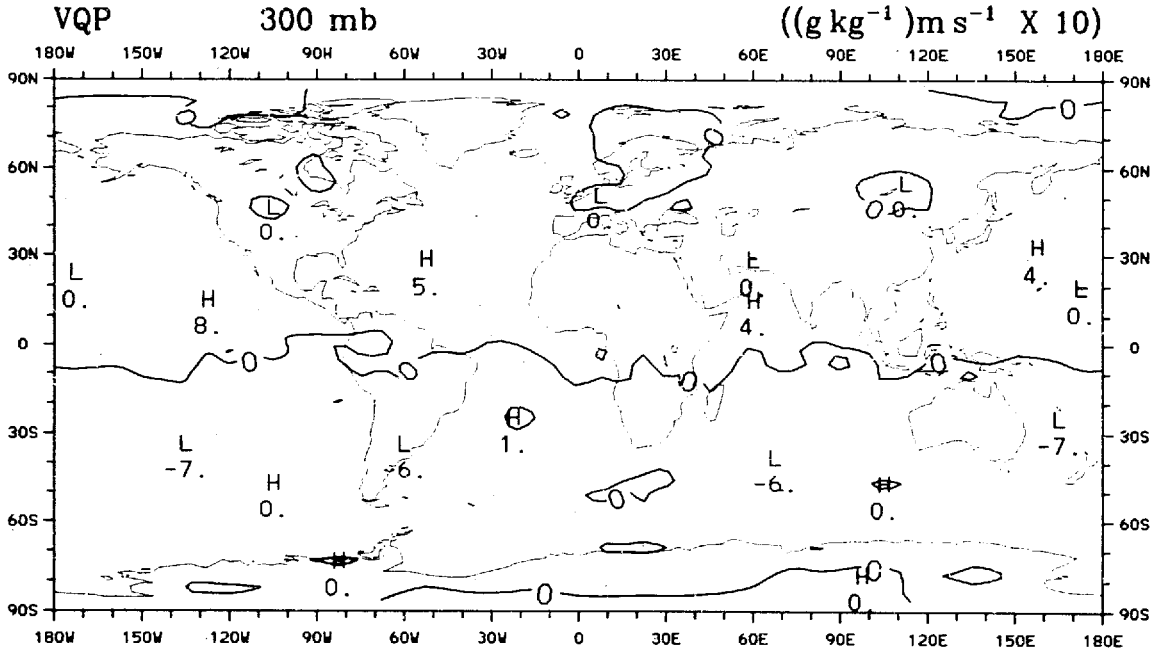
EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.37405E-03 LABELS SCALED BY 10000.

FRAME 1.81

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

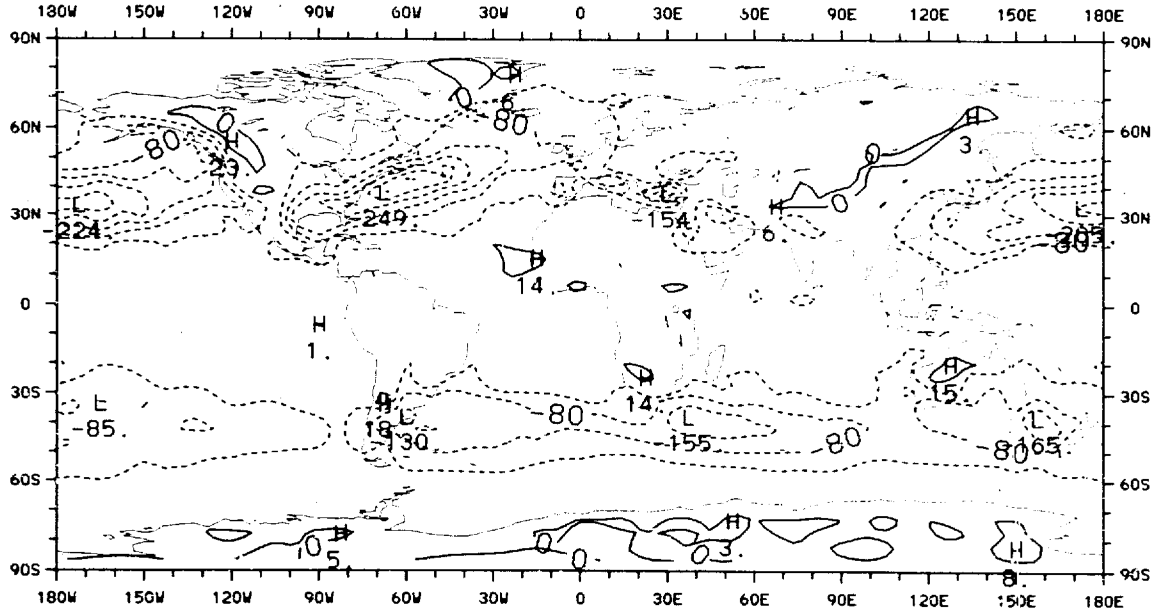



CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3.3)= -0.40518E-04 LABELS SCALED BY 10000.

FRAME 1.82

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

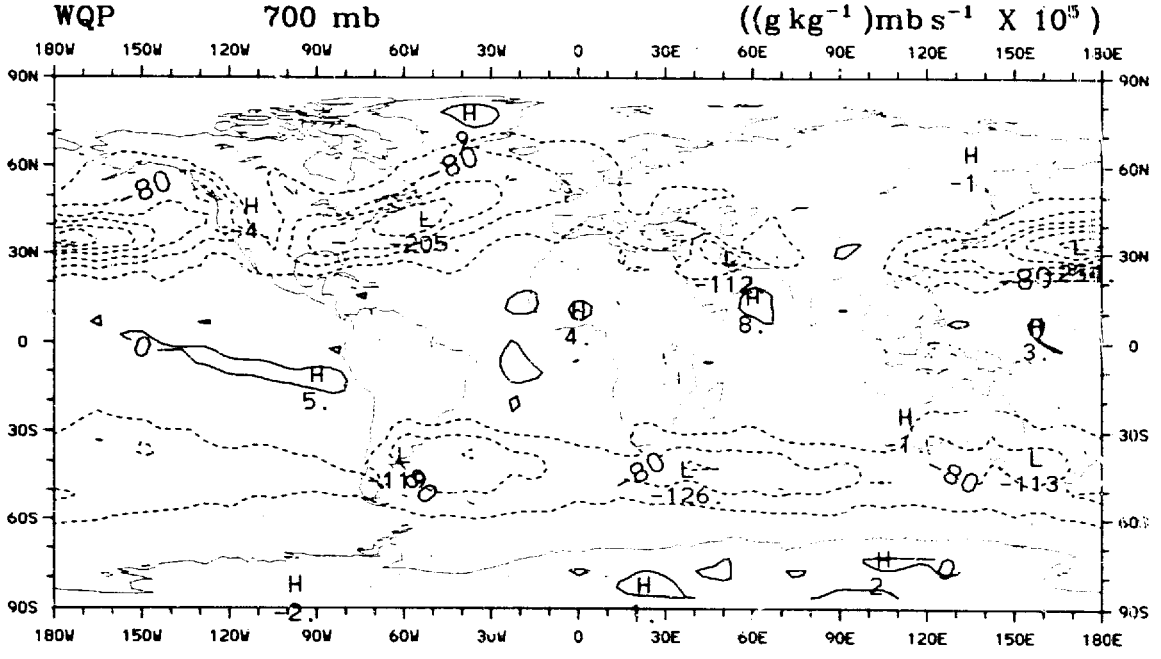
WQP 850 mb $((g\,kg^{-1})mb\,s^{-1}\ \mathrm{X}\ 10^5)$




CONTOUR FROM -0.24000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.60642E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

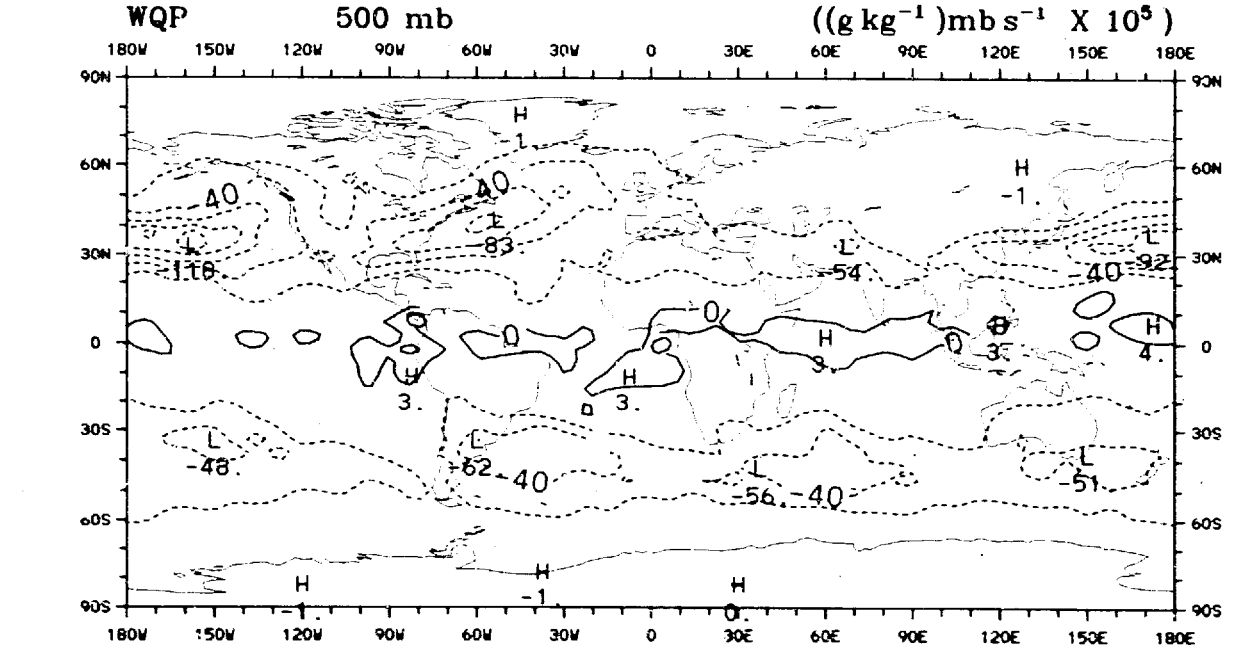
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.28000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.73057E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.84

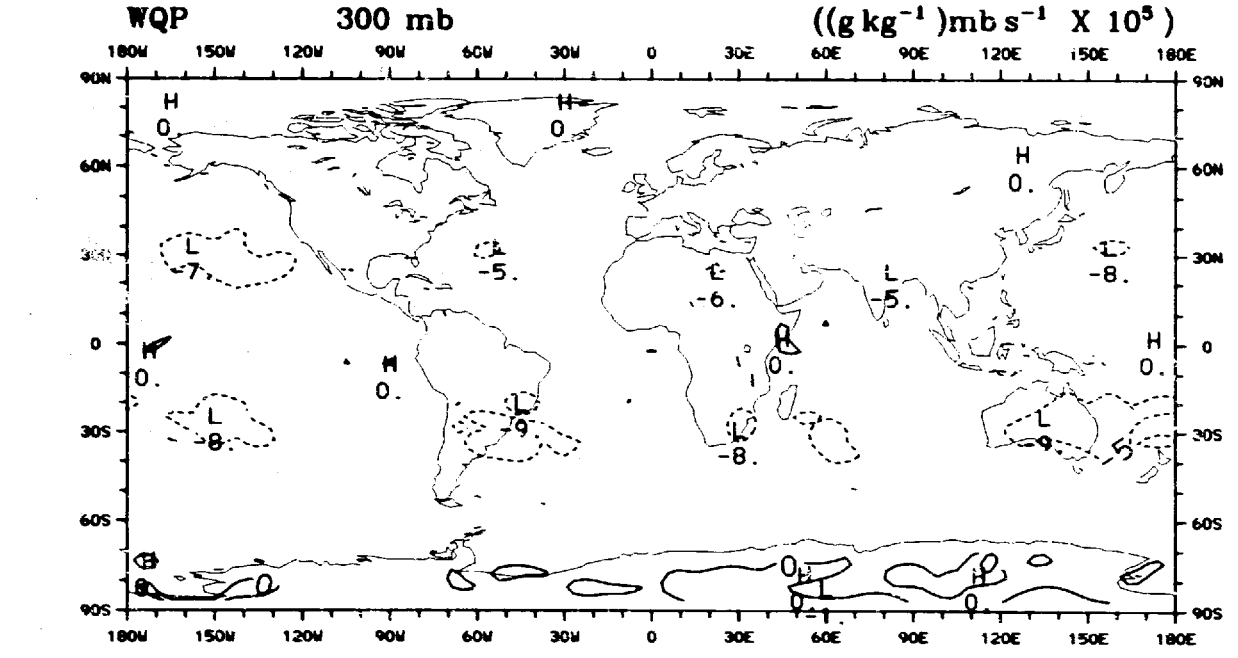
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.32739E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

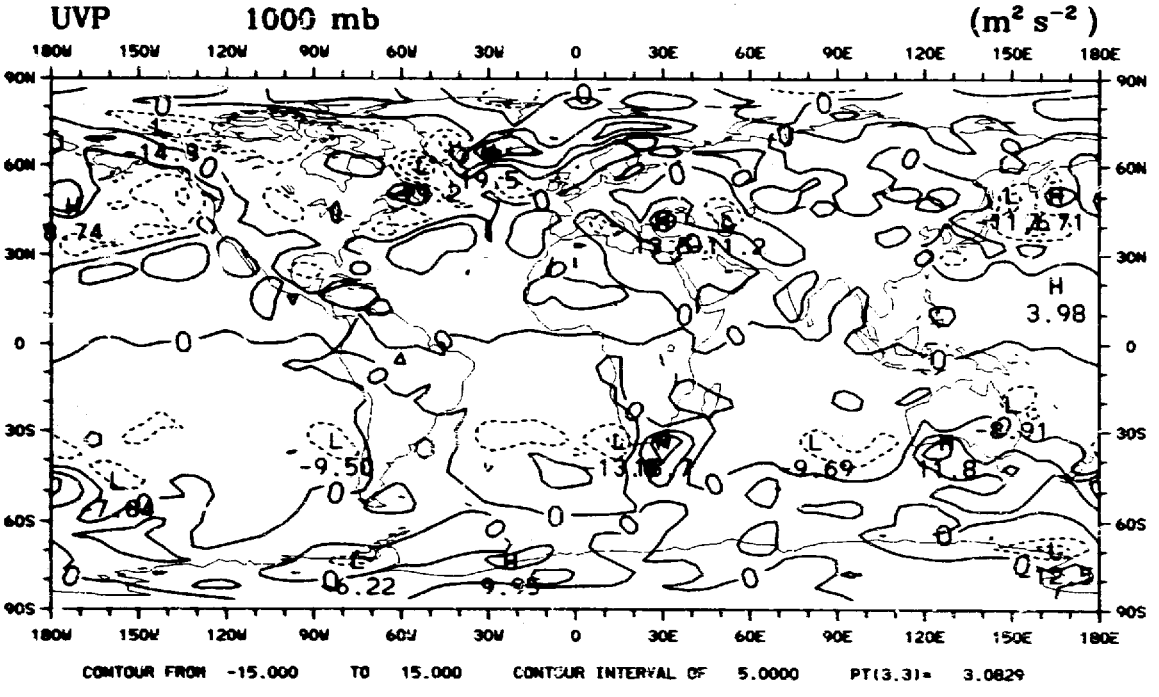
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.50000E-05 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.10888E-06 LABELS SCALED BY 0.10000E+07

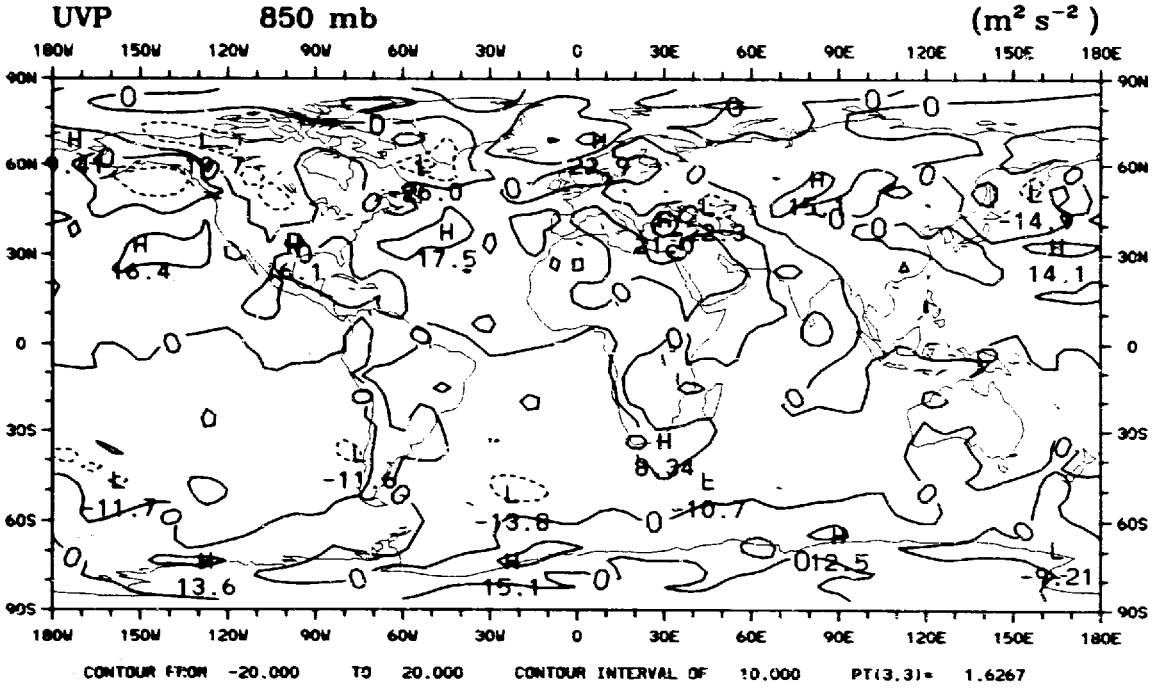
FRAME 1.86

EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)



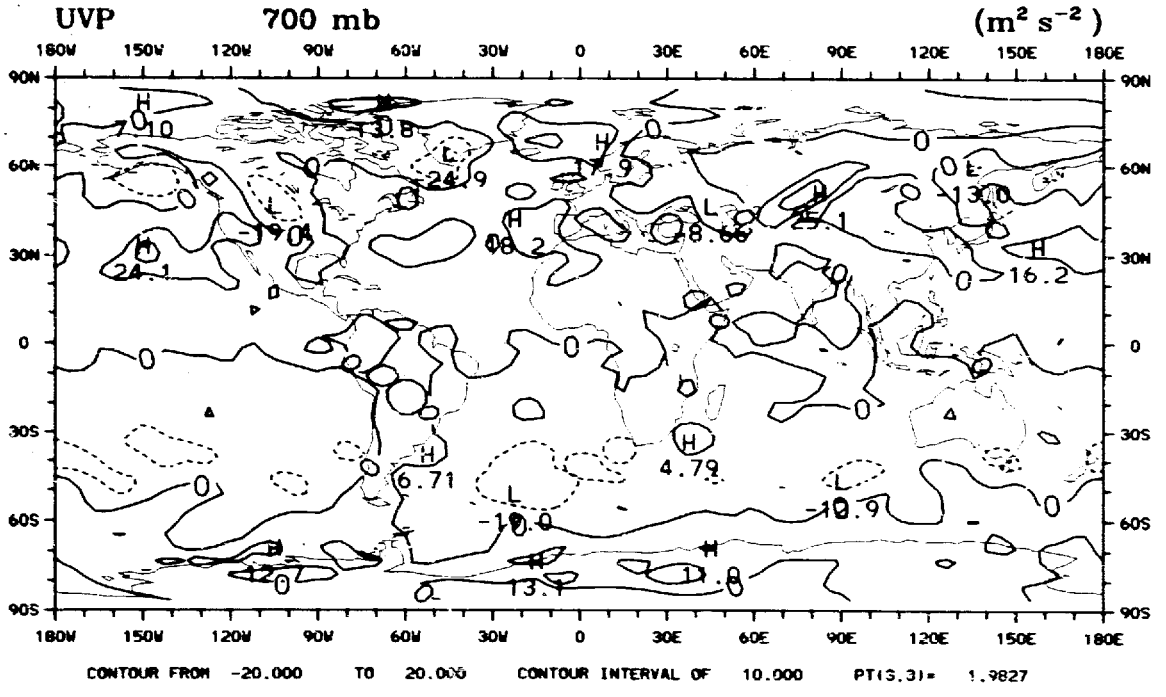

FRAME 1.87

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



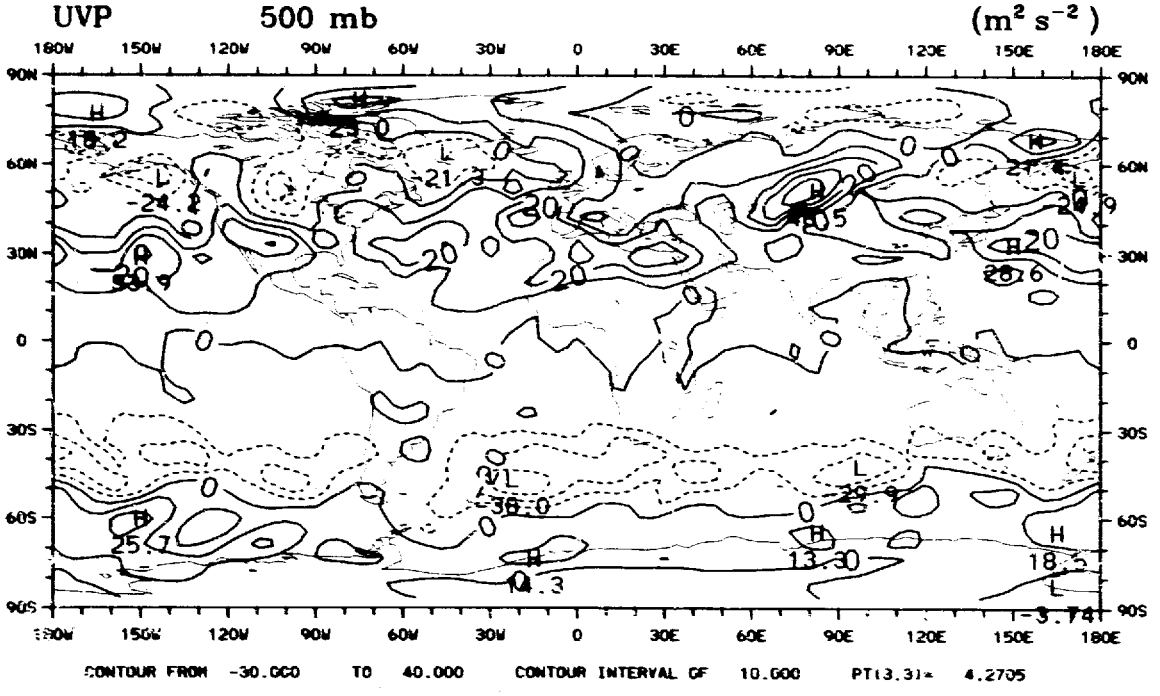

FRAME 1.88

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



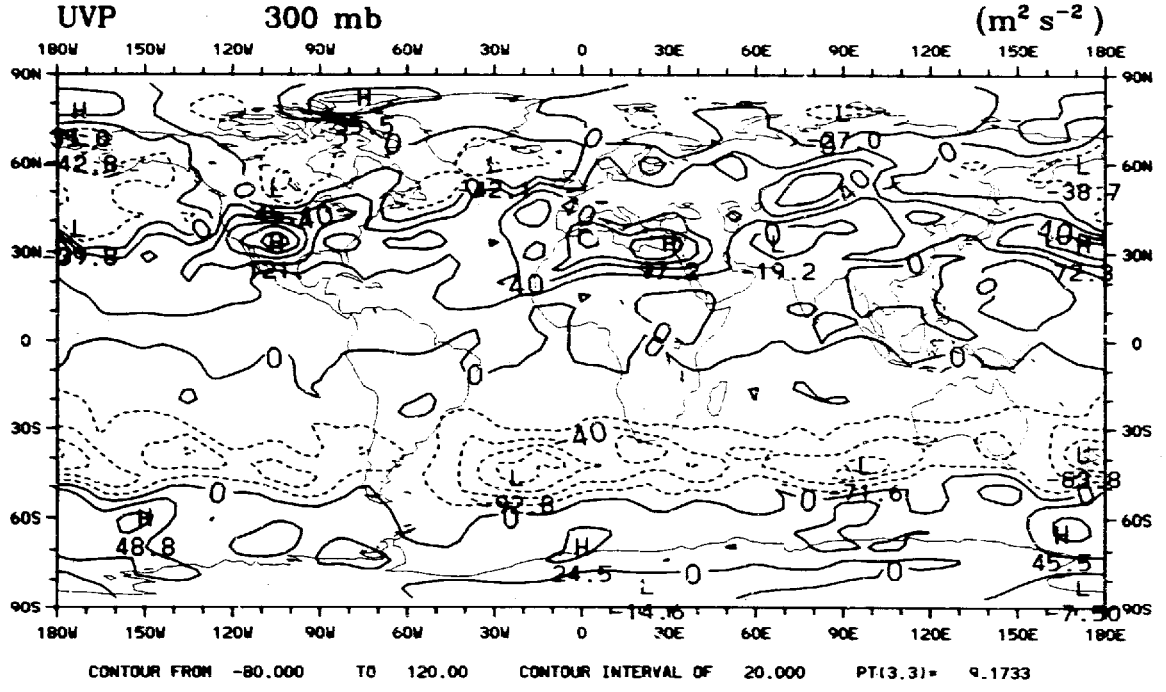

FRAME 1.89

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



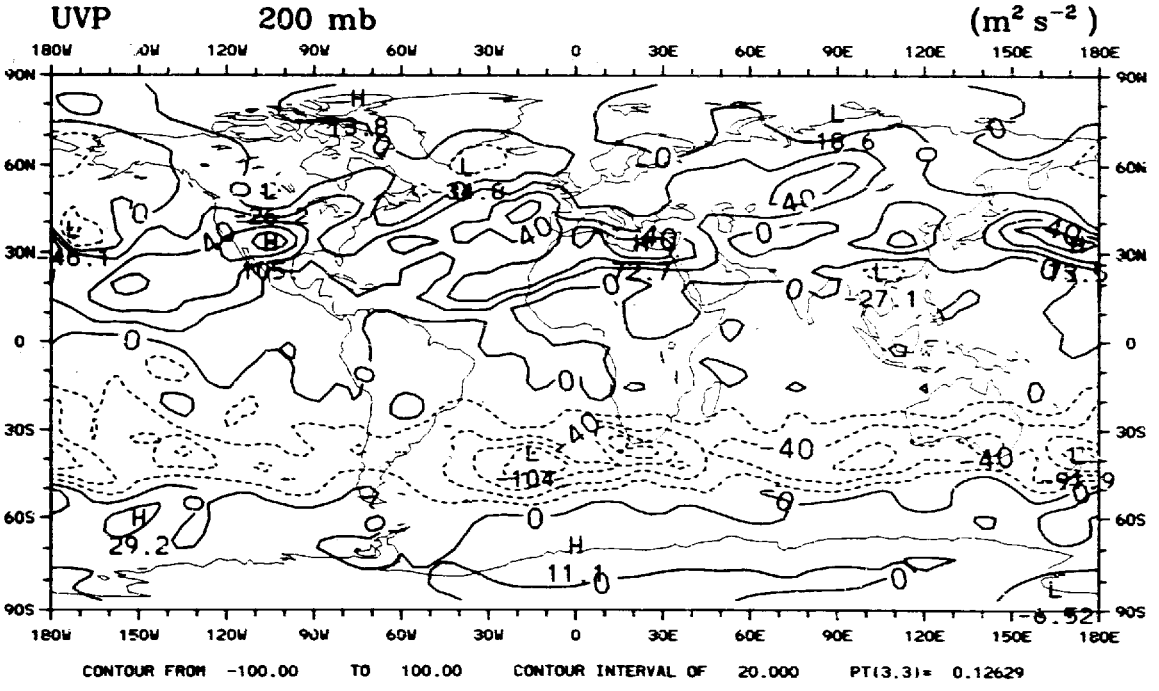

FRAME 1.90

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



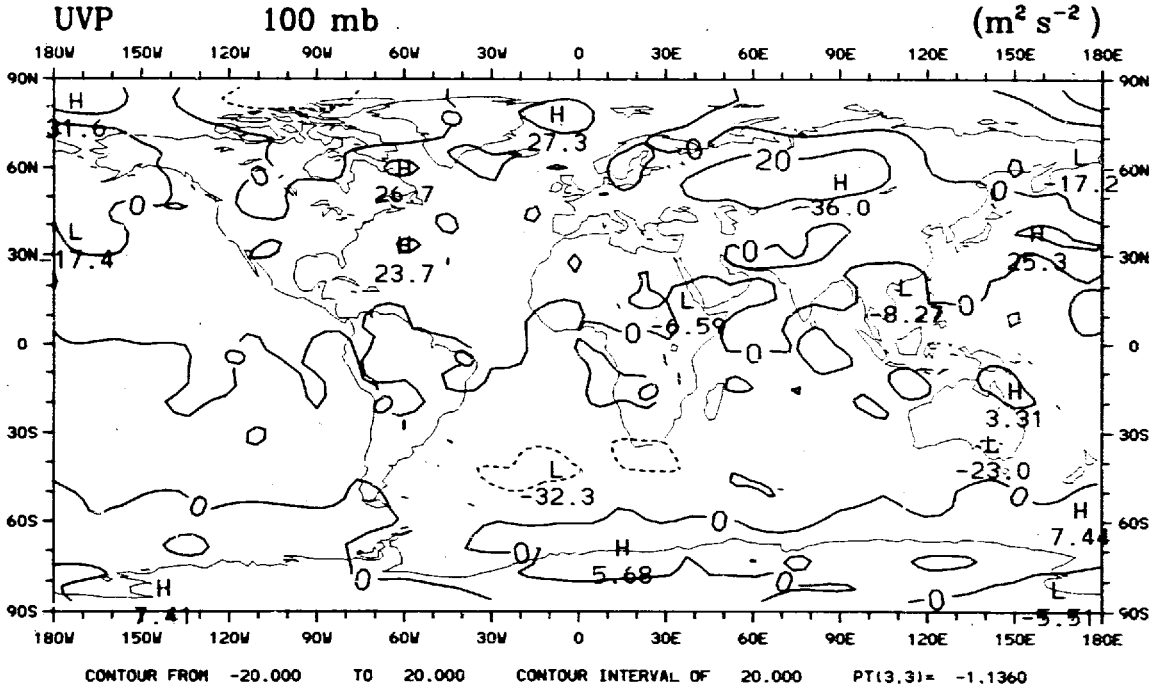

FRAME 1.91

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



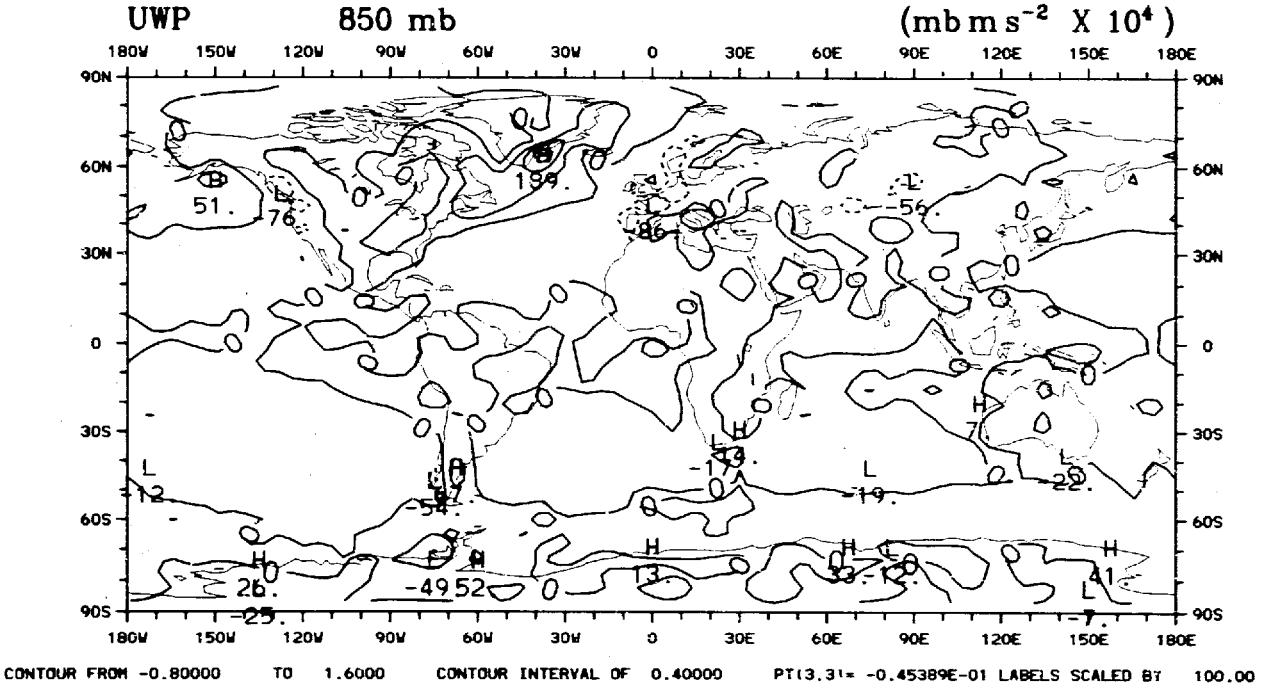

FRAME 1.92

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.93

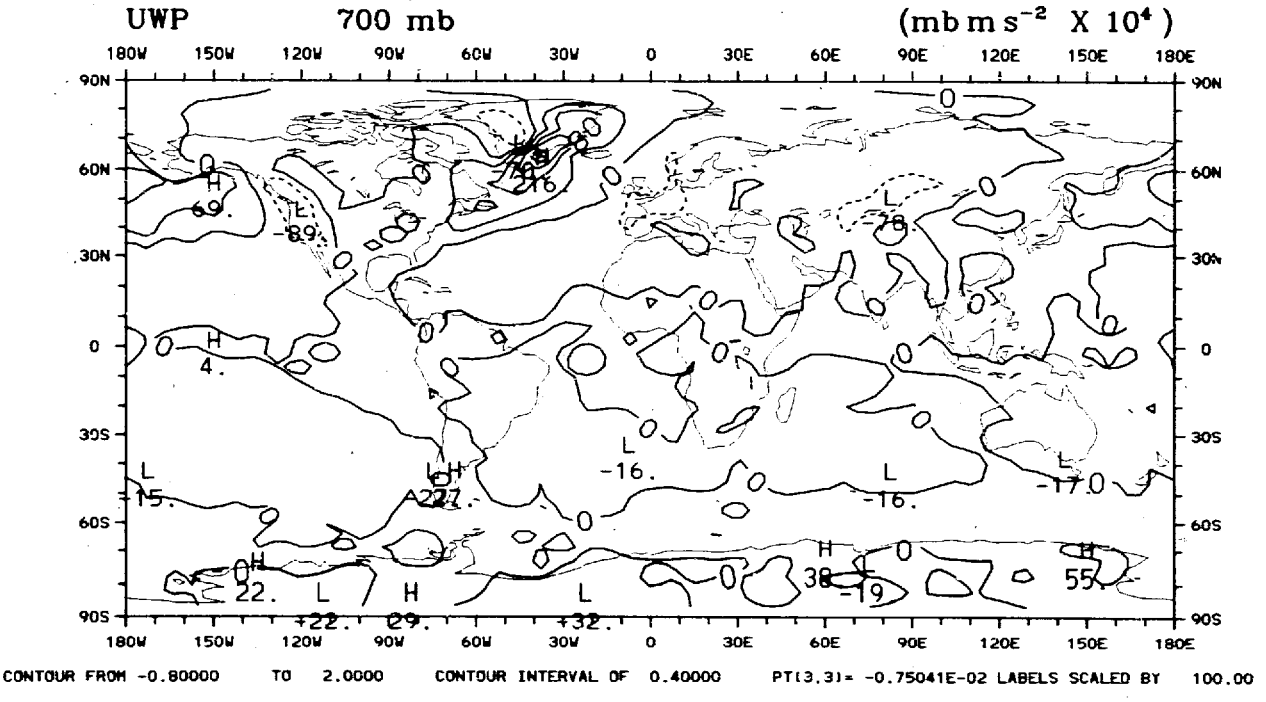
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000 TO 1.6000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= -0.45389E-01 LABELS SCALED BY 100.00

FRAME 1.94

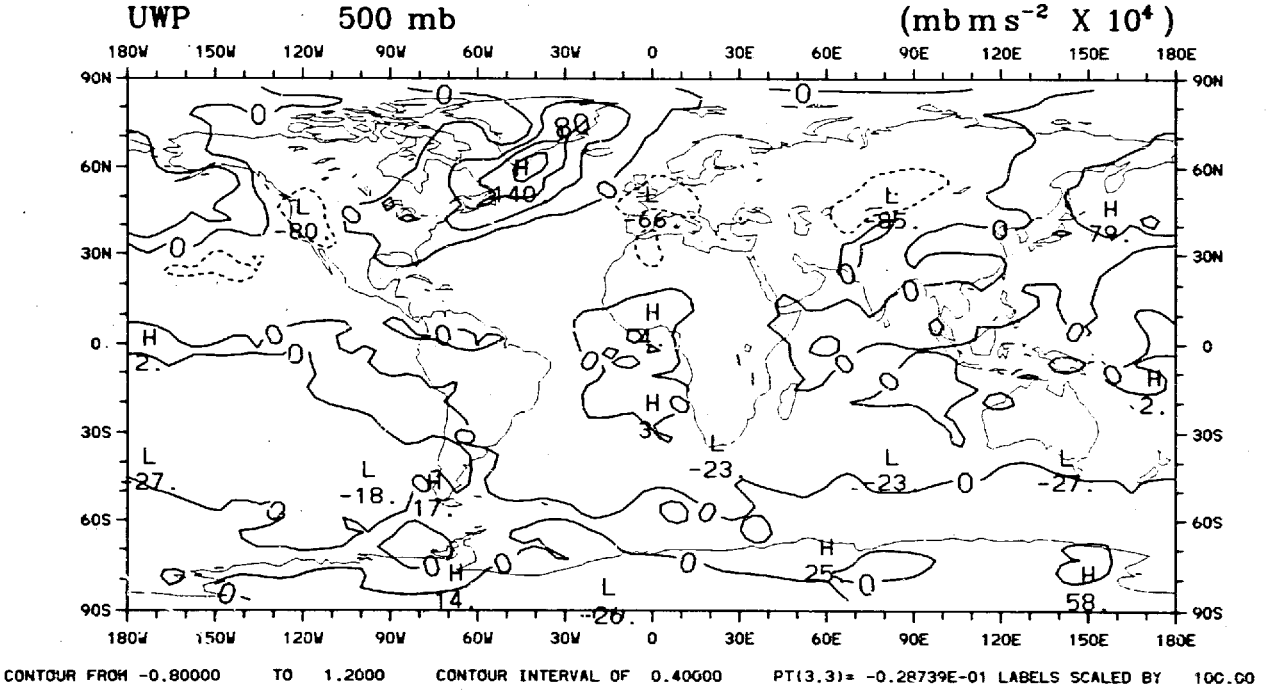
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000 TO 2.0000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= -0.75041E-02 LABELS SCALED BY 100.00

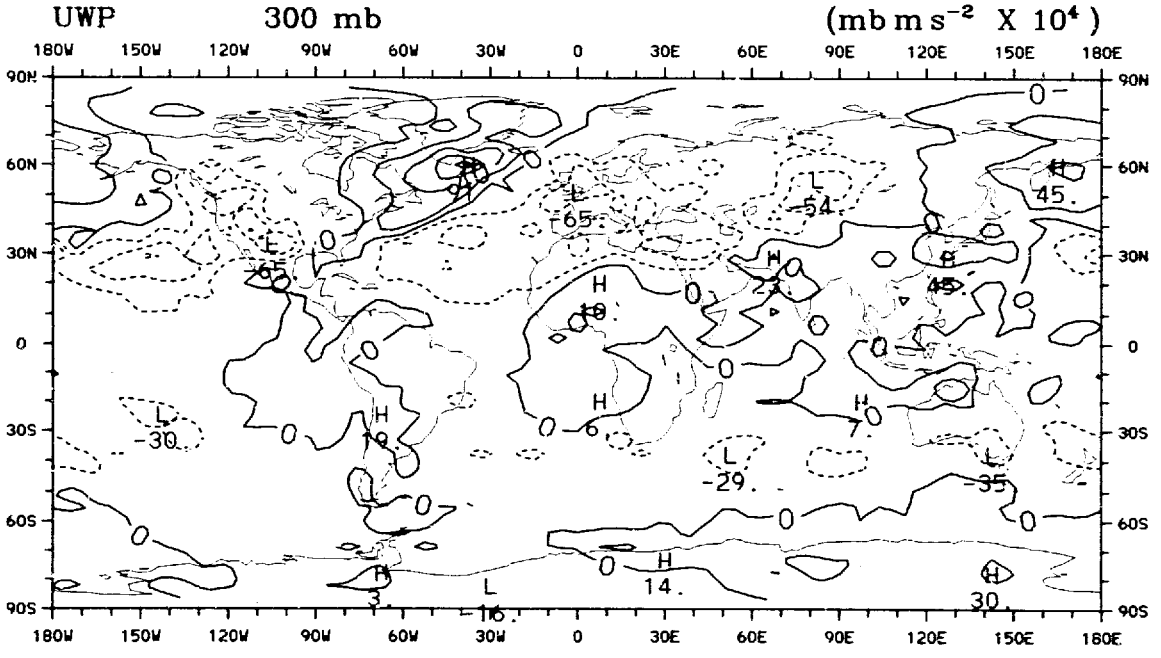
FRAME 1.95

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



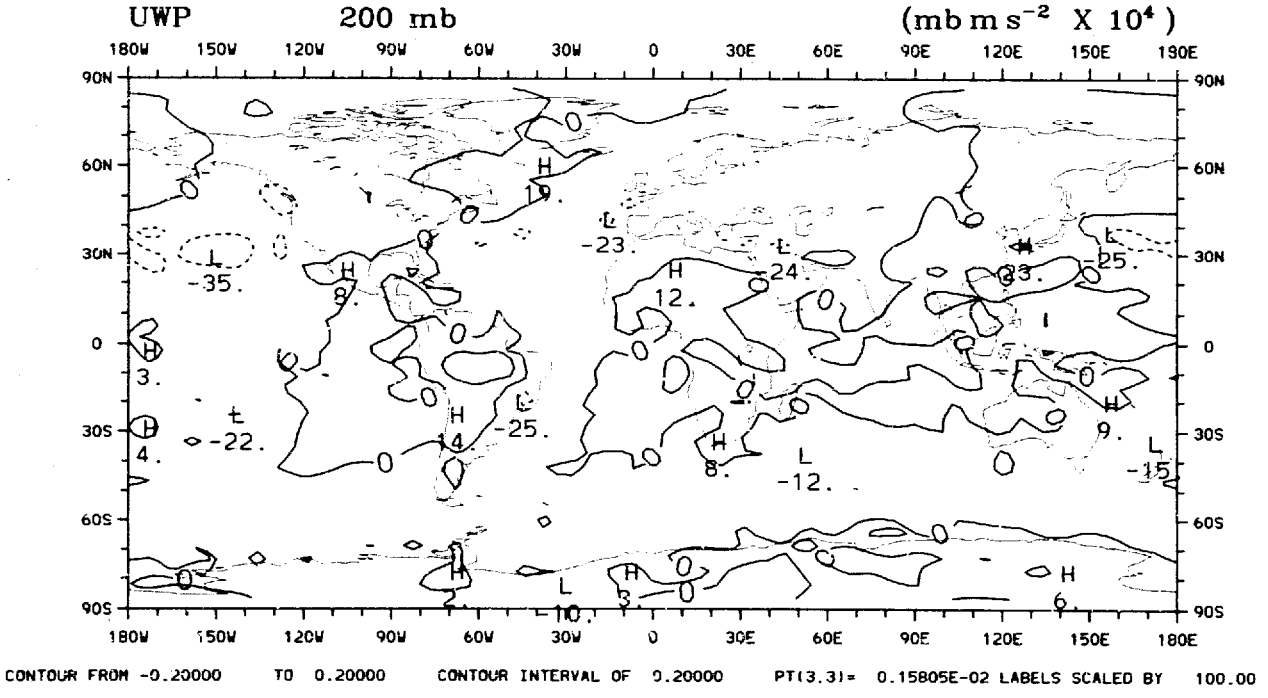

FRAME 1.96

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



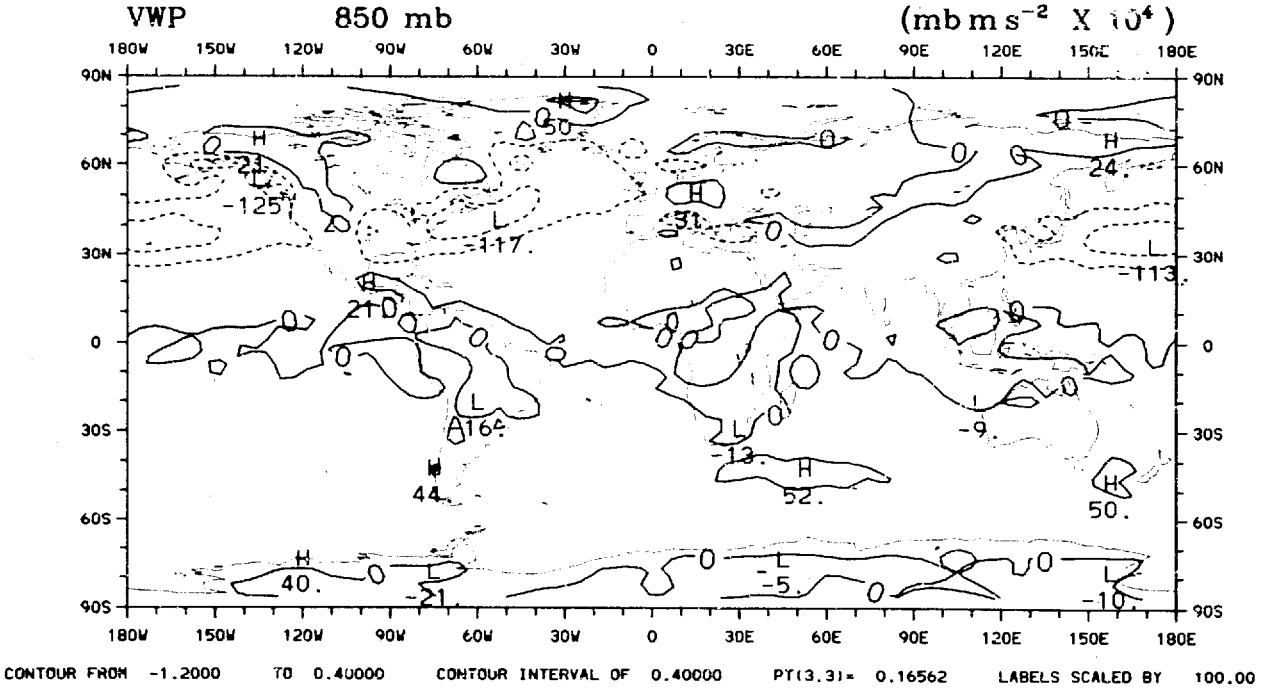

FRAME 1.97

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



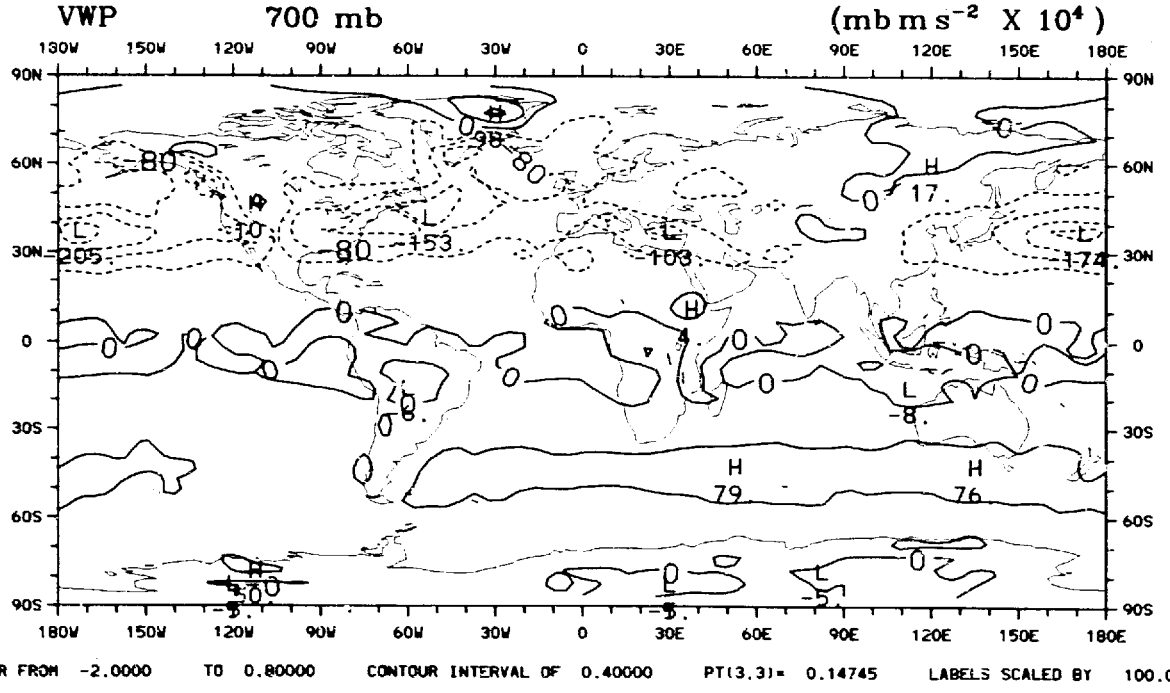

FRAME 1.98

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



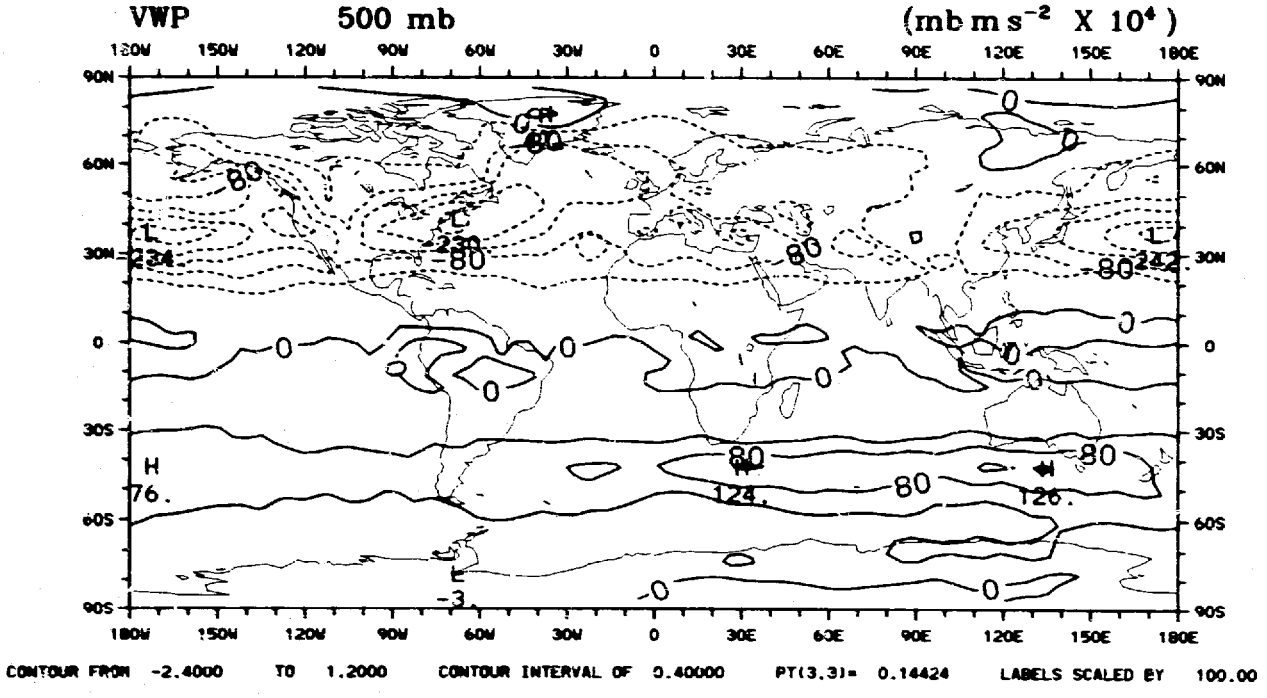

FRAME 1.99

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)




FRAME 1.100

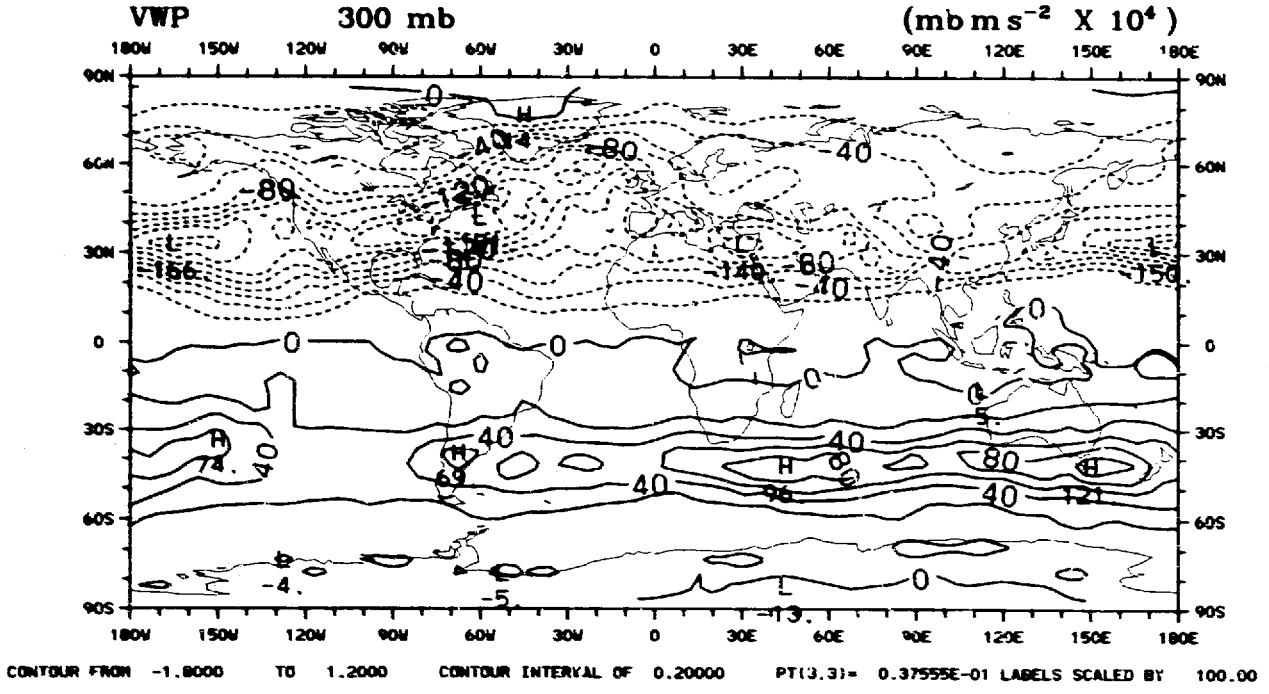
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -2.4000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.14424 LABELS SCALED BY 100.00

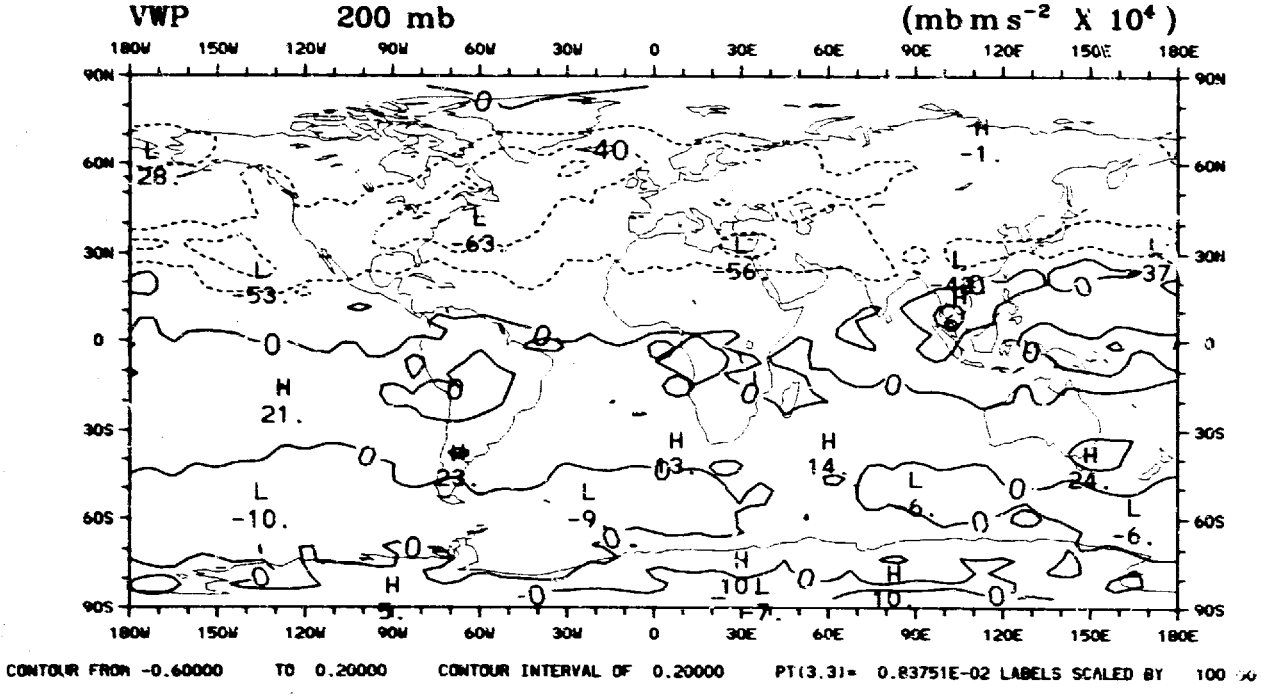
FRAME 1.101

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.102

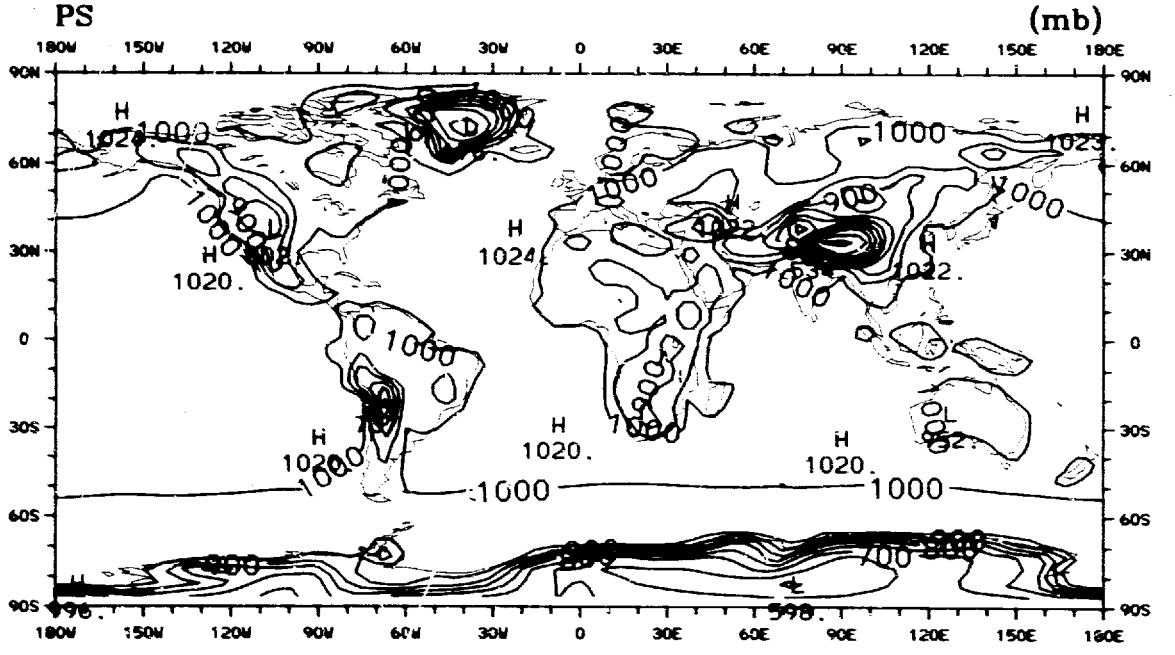
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.60000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.83751E-02 LABELS SCALED BY 100

FRAME 1.103

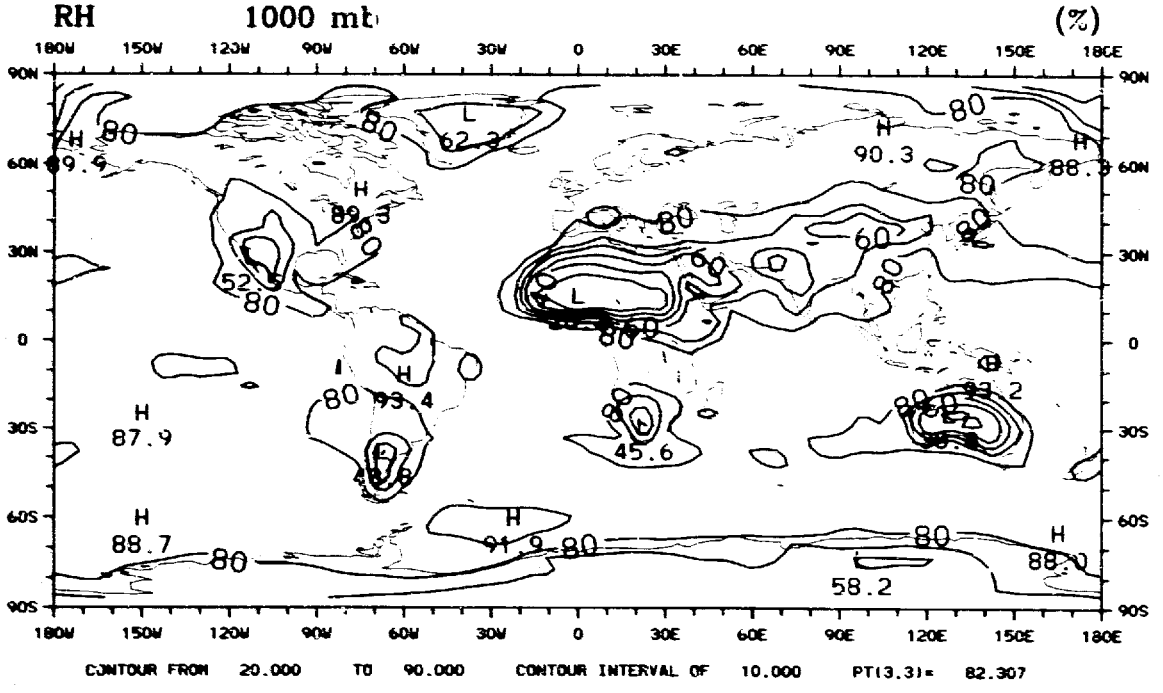
# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 99140. LABELS SCALED BY 0.10000E-01

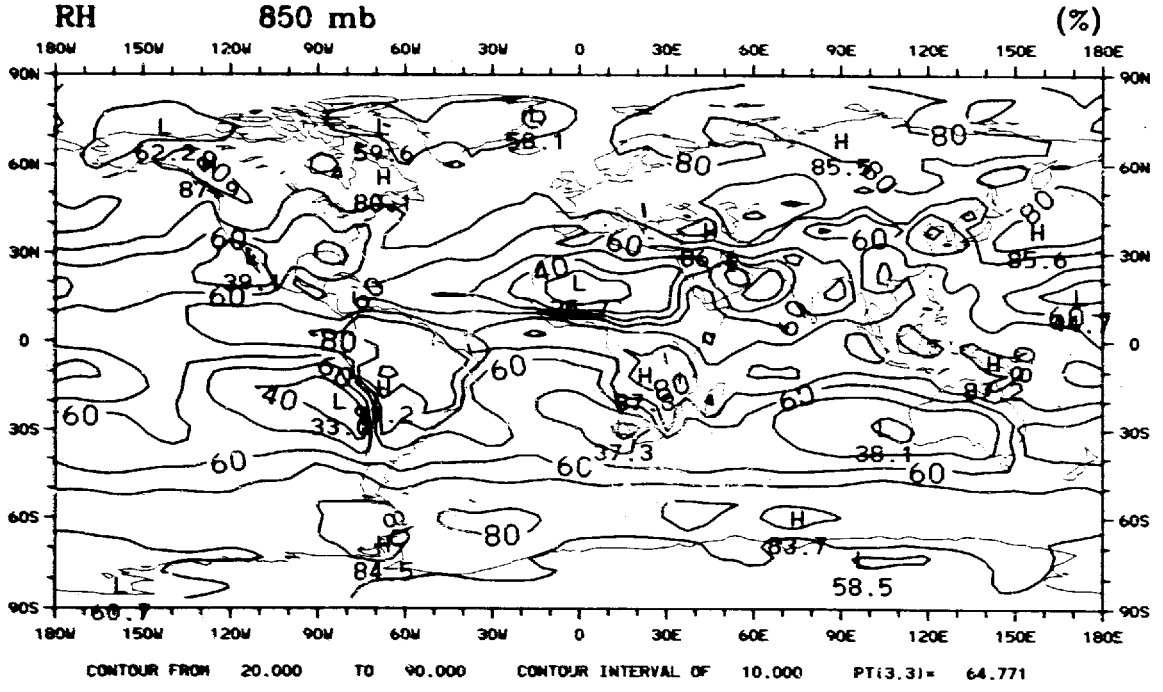
FRAME 1.104

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



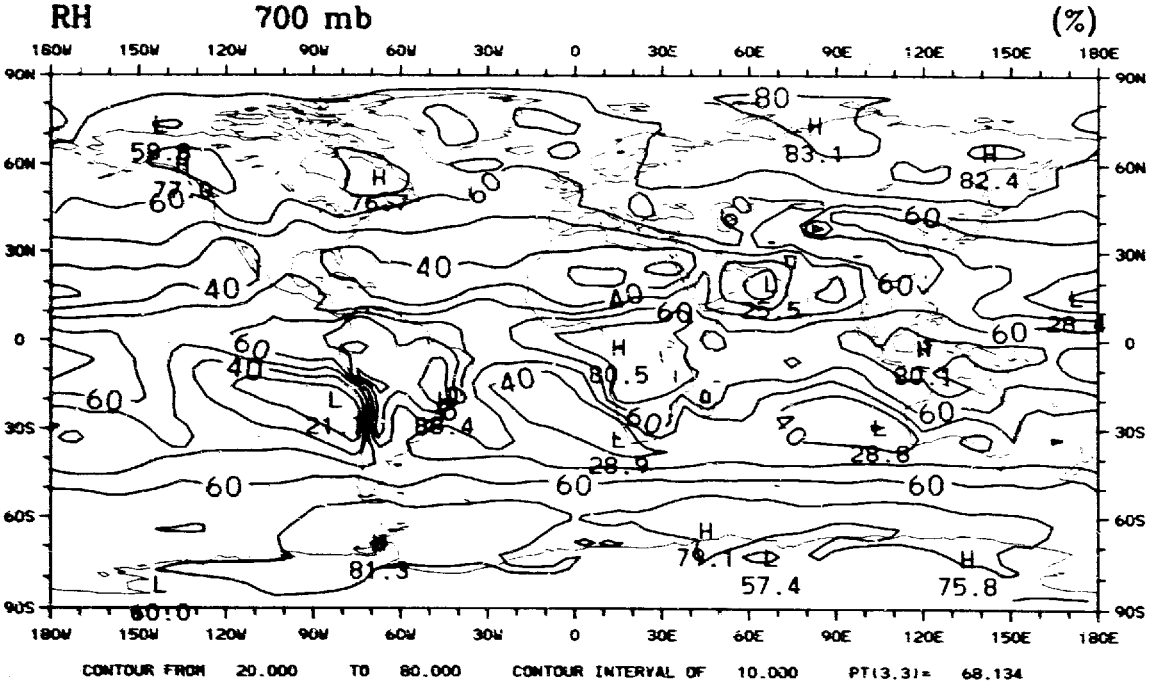

FRAME 1.105

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



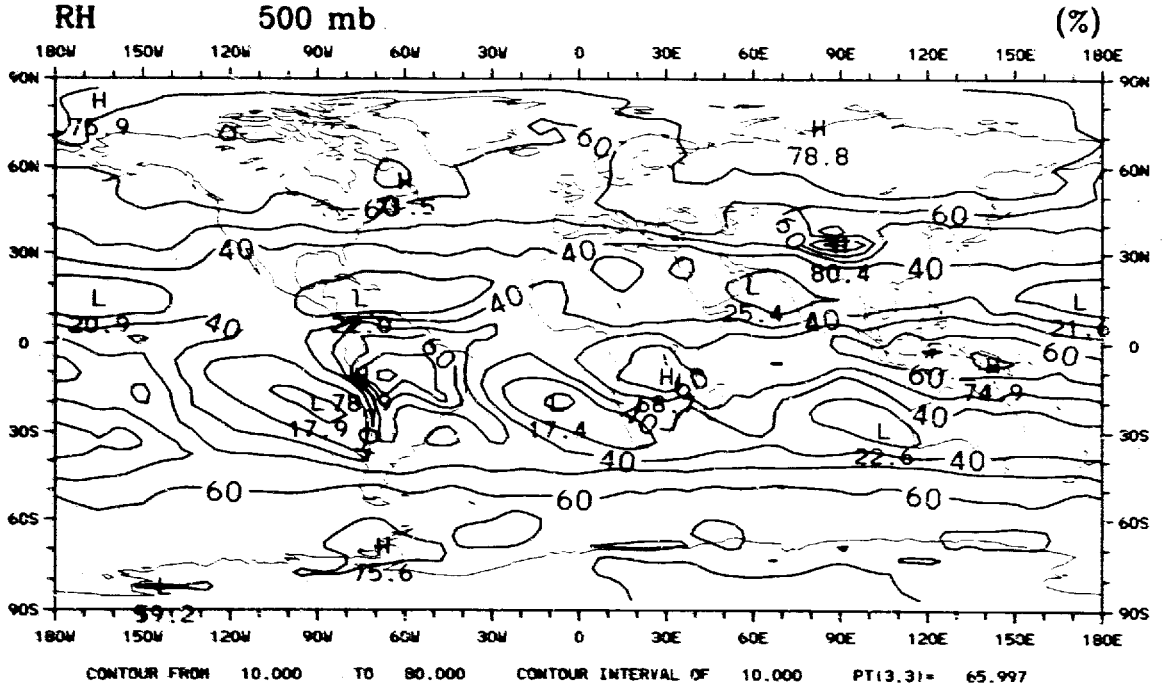

FRAME 1.106

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



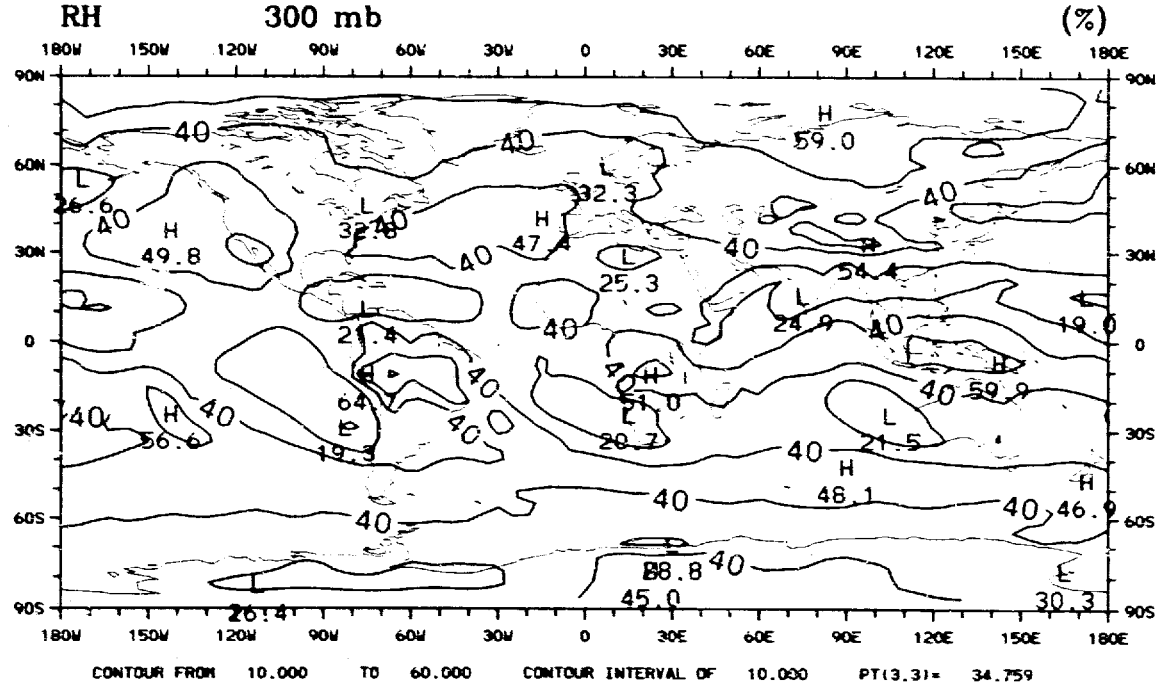

FRAME 1.107

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



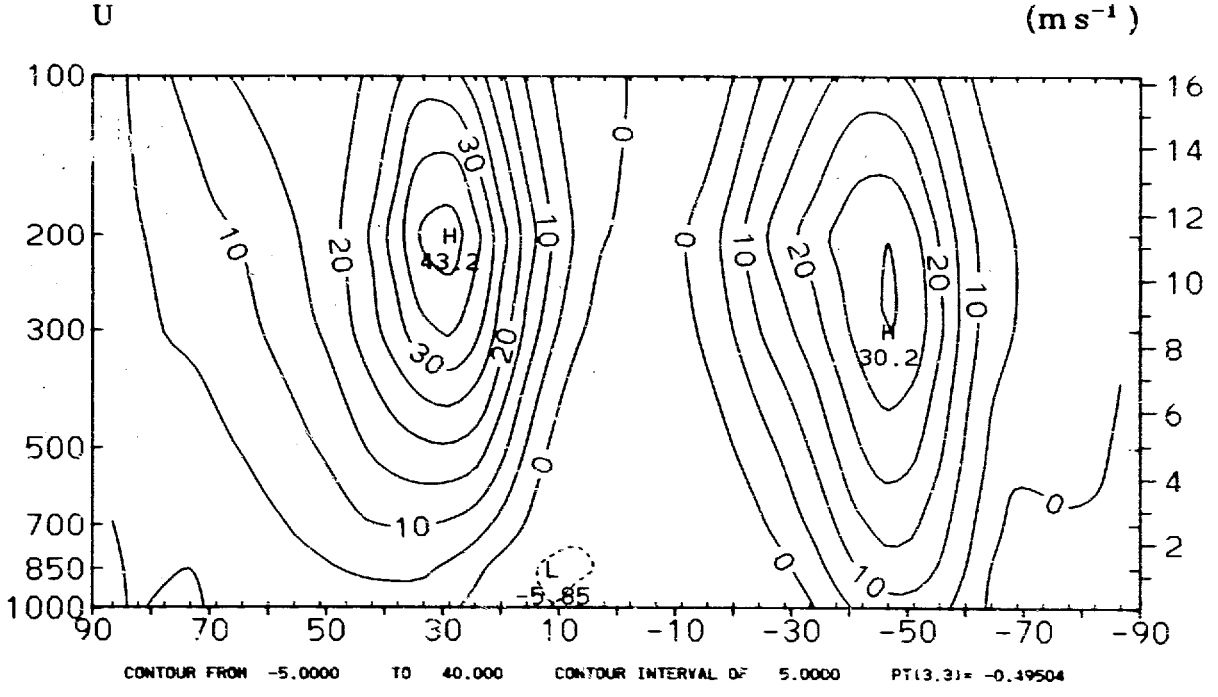

FRAME 1.108

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



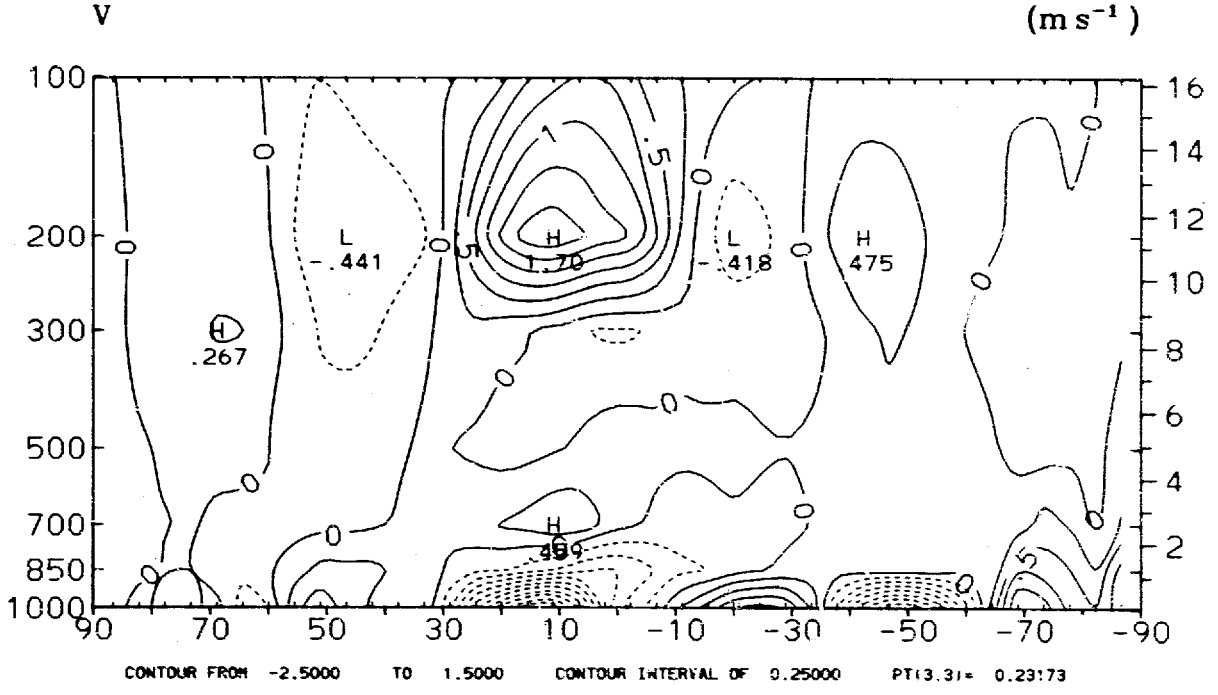

FRAME 1.109

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



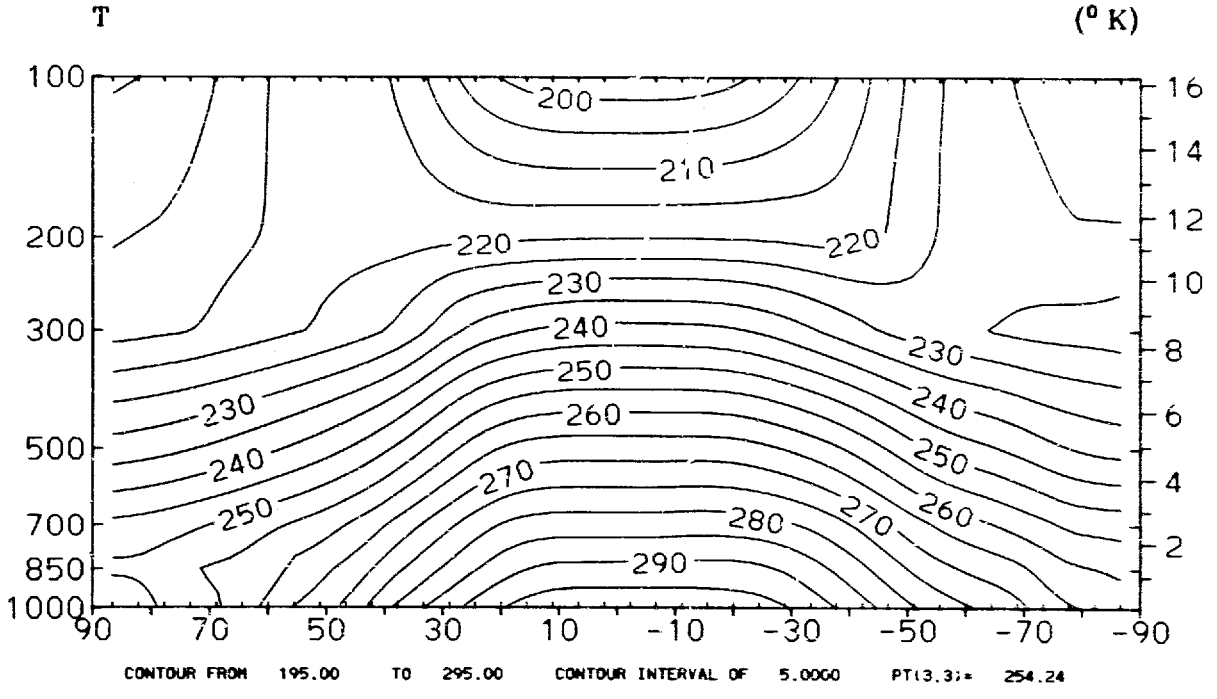

FRAME 1.110

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.111

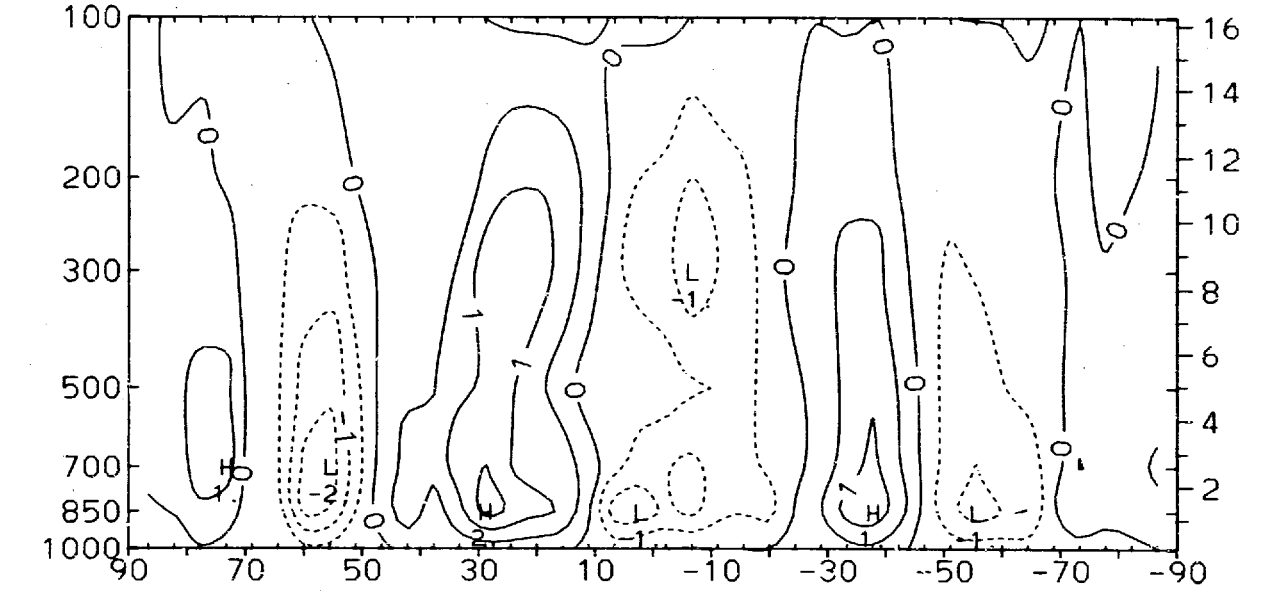
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

OMEGA ($mb\ s^{-1}$ X $10^4$)

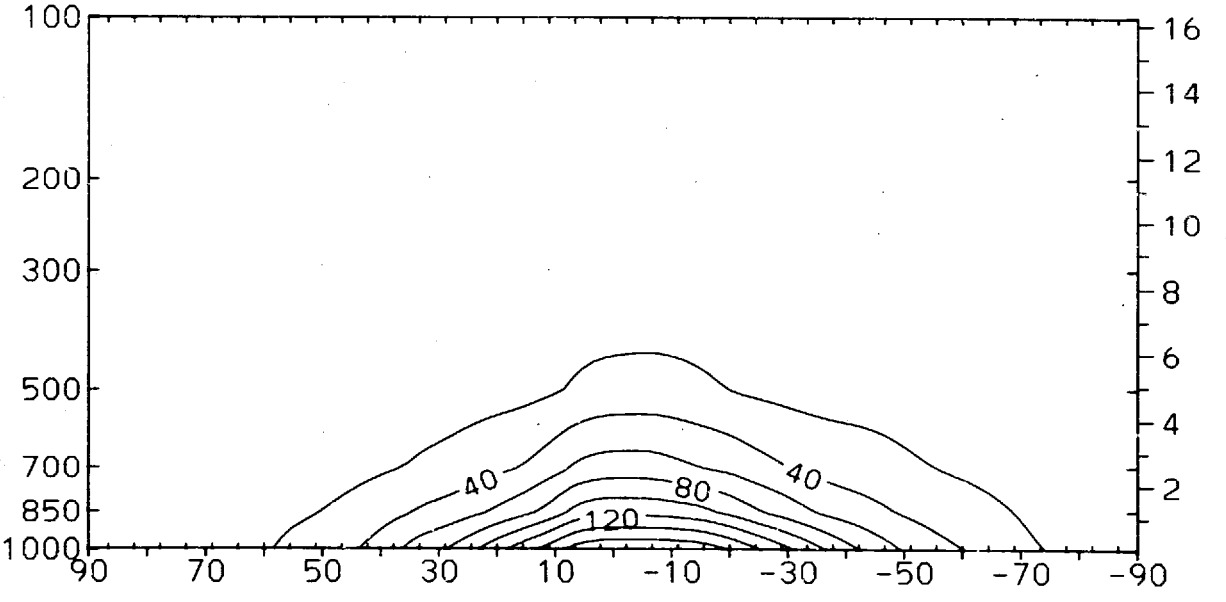



CONTOUR FROM -0.15000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.31145E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

Q (g kg$^{-1}$ X 10)

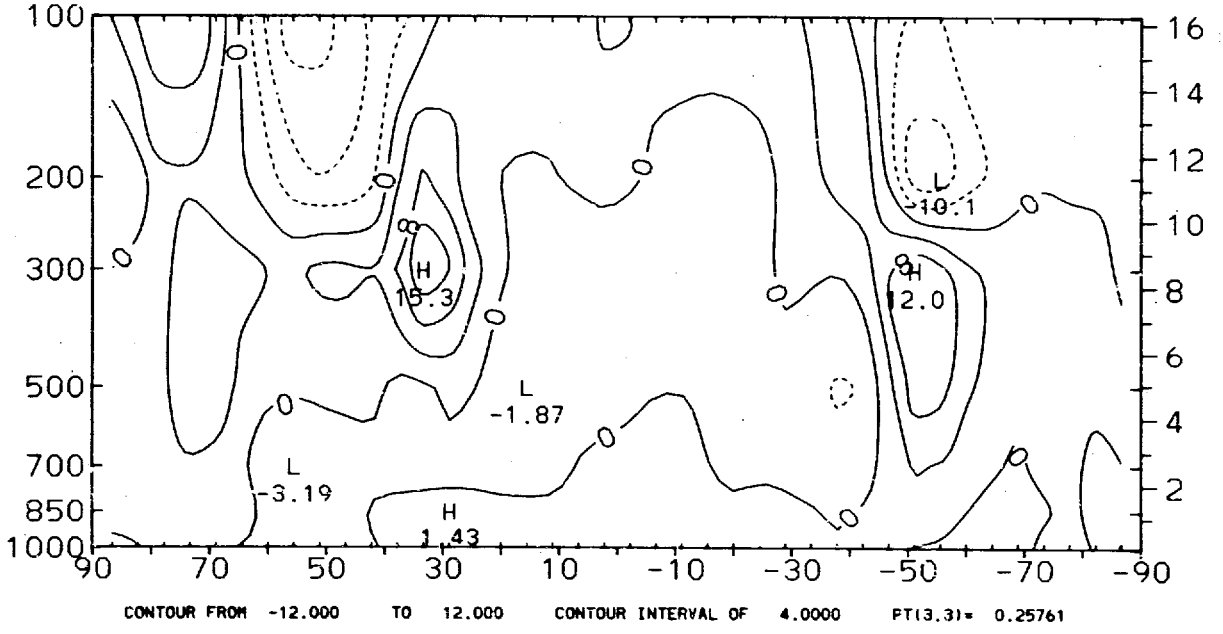



CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.93944E-03 LABELS SCALED BY 10000.

FRAME 1.114

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

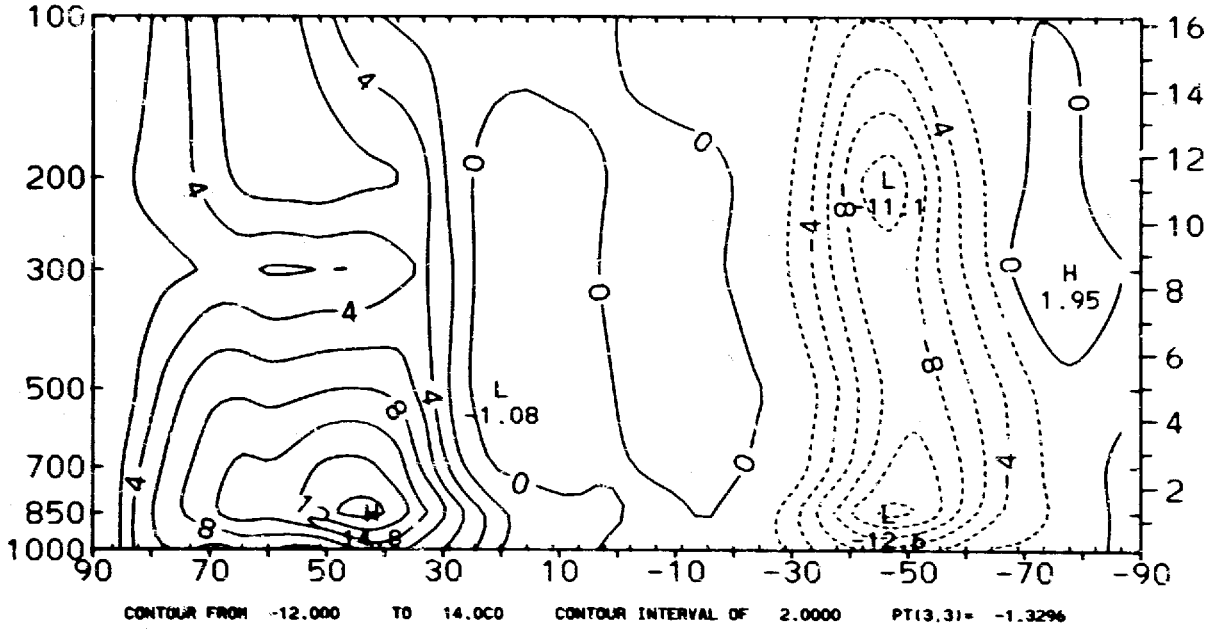
UTP ($^0$ K m s$^{-1}$)




FRAME 1.115

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)

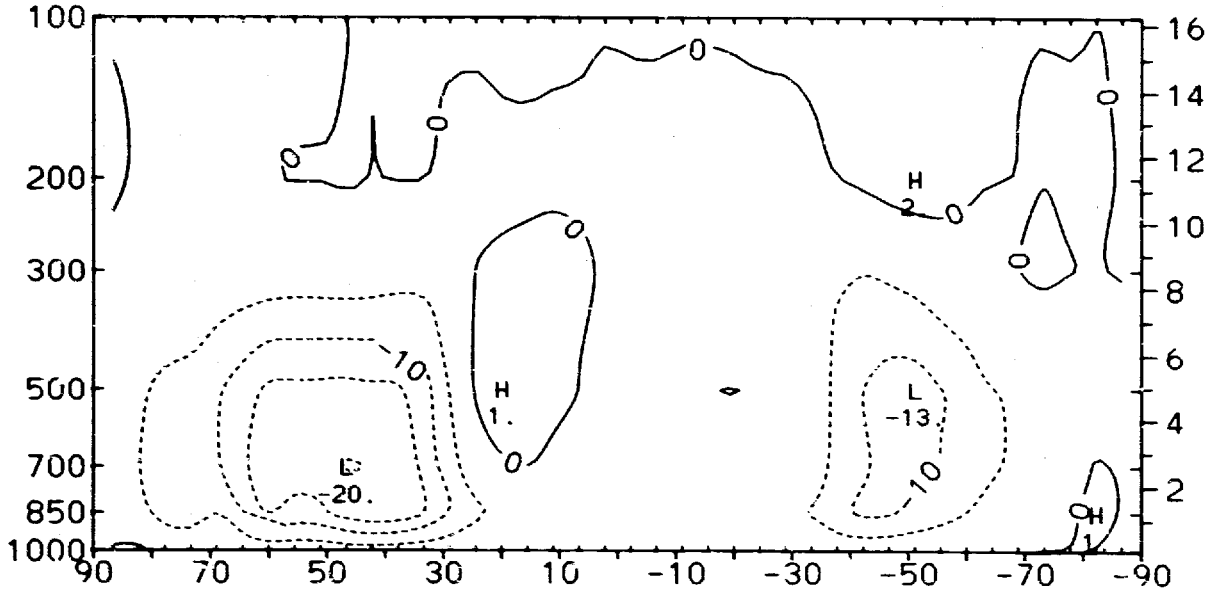
VTP ($^0$ K m s$^{-1}$)




FRAME 1.116

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

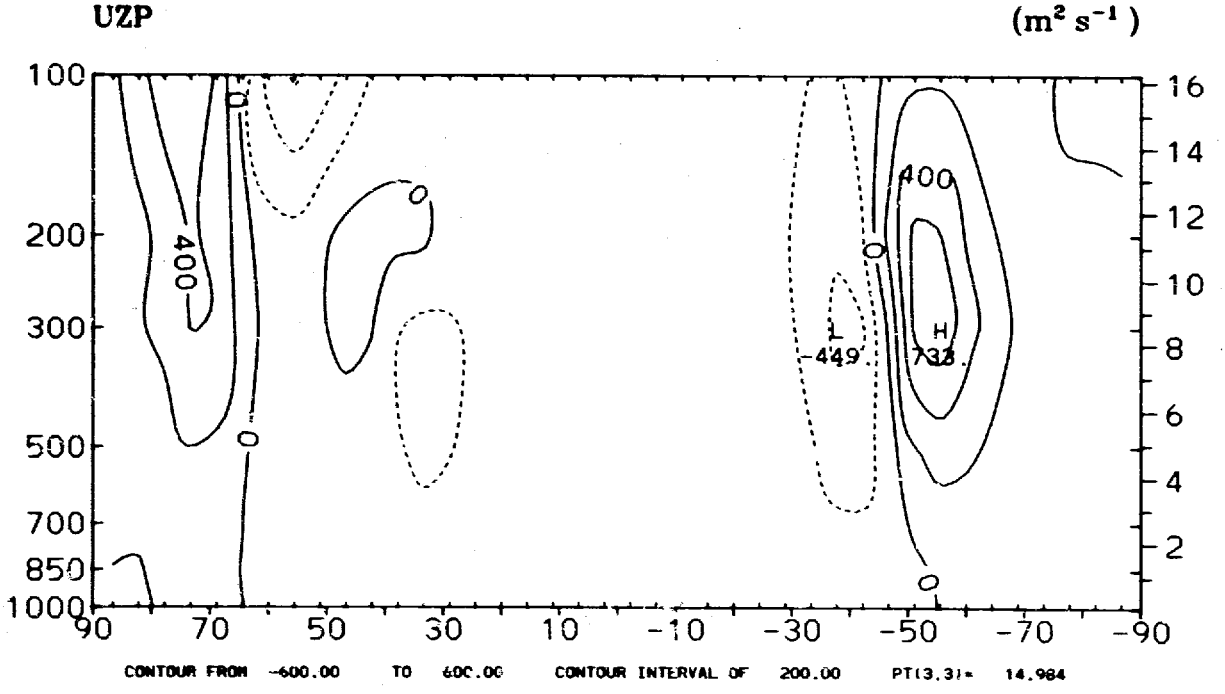
WTP ($^0$K mb s$^{-1}$ X $10^4$)




CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.13273E-01 LABELS SCALED BY 100.00

FRAME 1.117

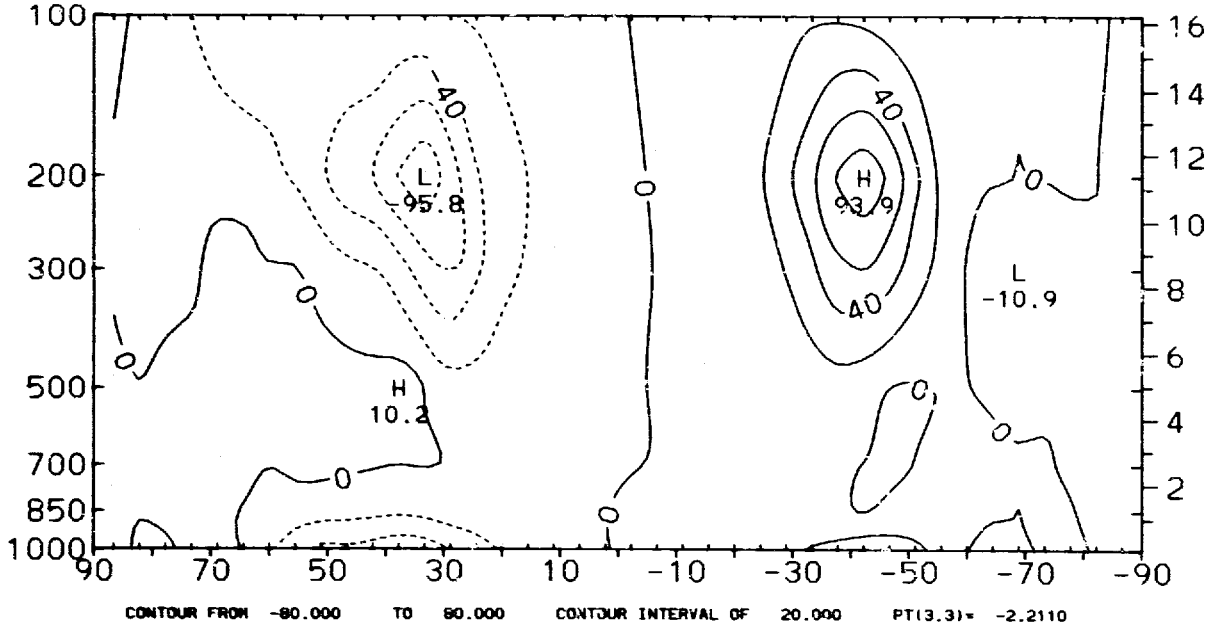
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.118

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

VZP $(m^2 s^{-1})$

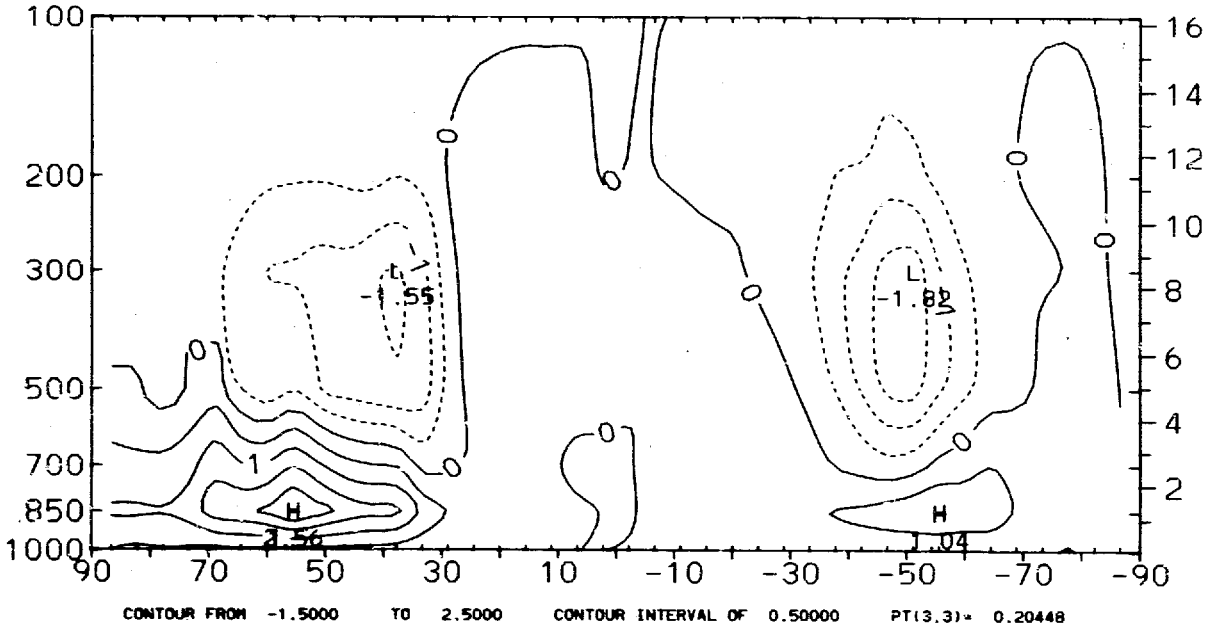



FRAME 1.119

EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)

WZP

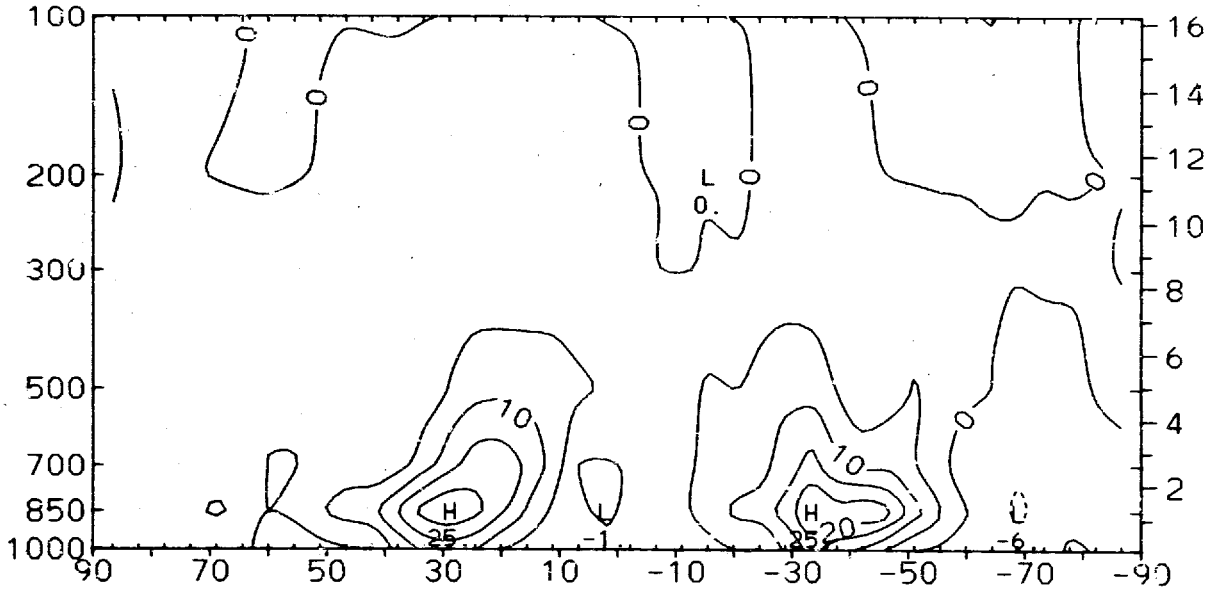
($mb\,m\,s^{-1}$ X $10^2$)




FRAME 1.120

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

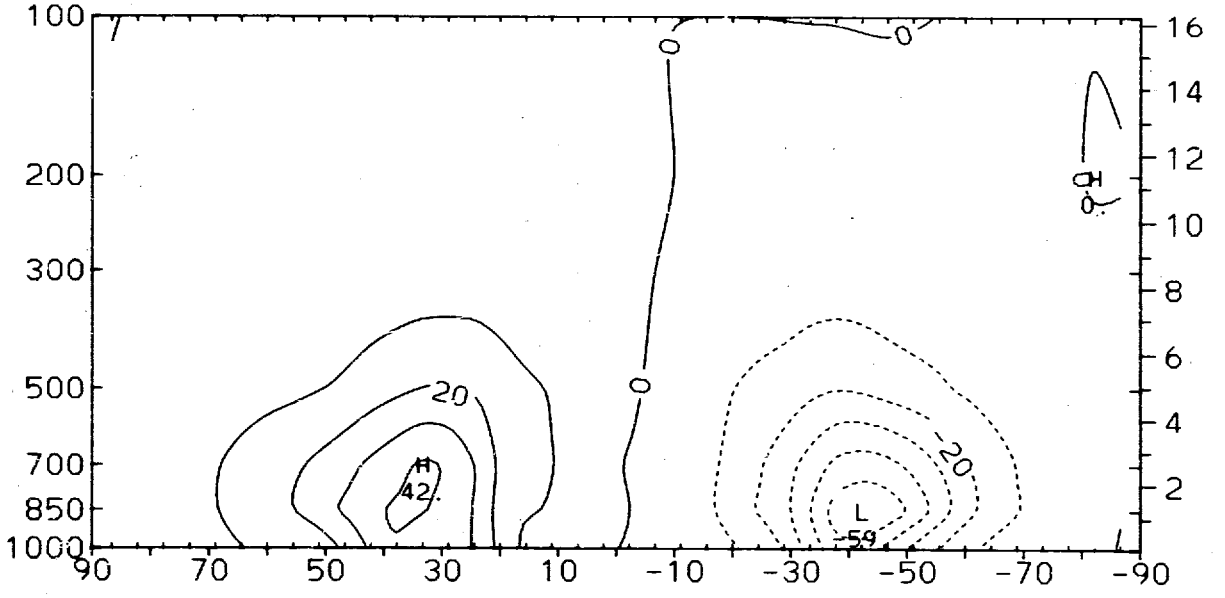



CONTOUR FROM -0.50000E-0? TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.83531E-04 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

VQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

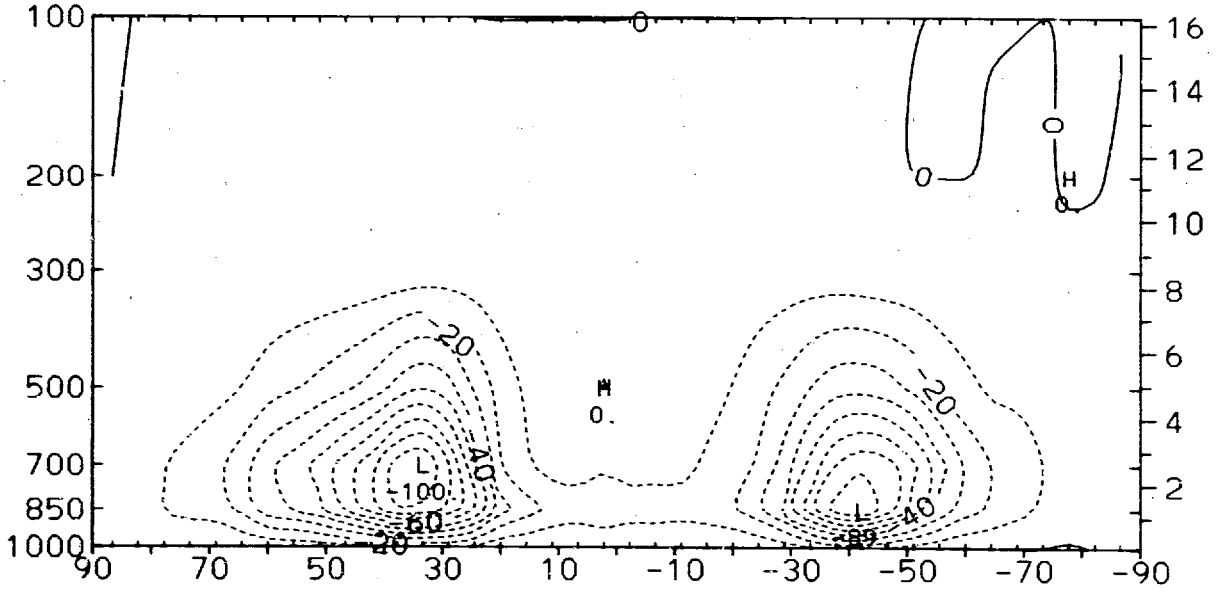



CONTOUR FROM -0.50000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.37652E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

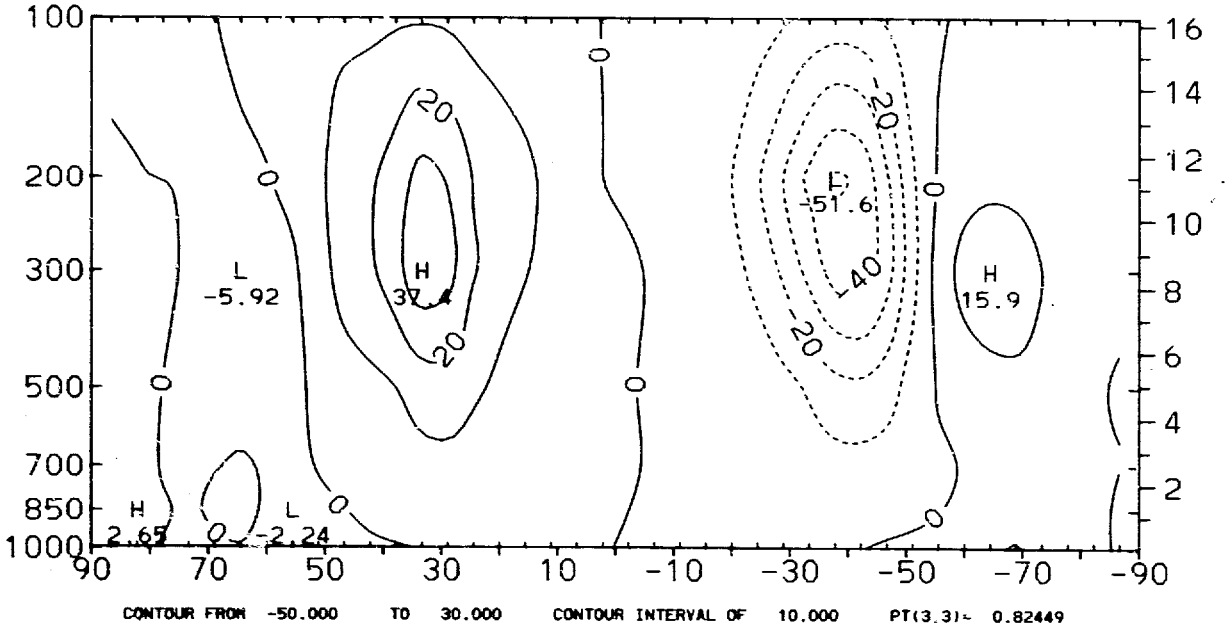



CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.63005E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

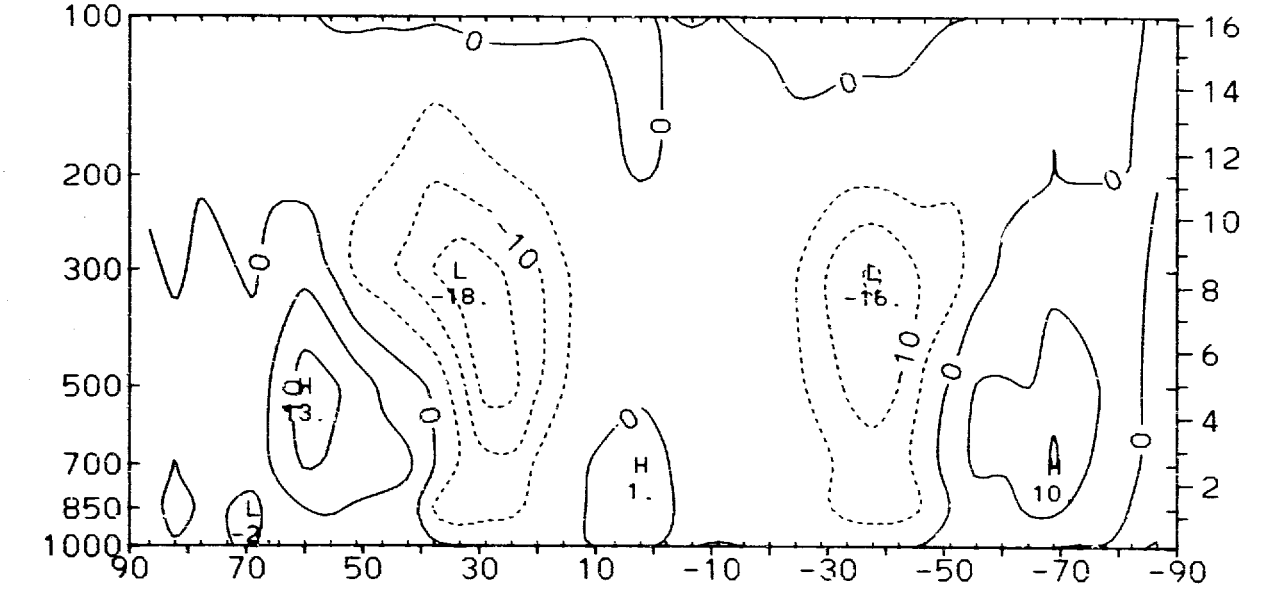
UVP $(m^2 s^{-2})$




FRAME 1.124

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

UWP (mb m s$^{-2}$ X 10$^4$)

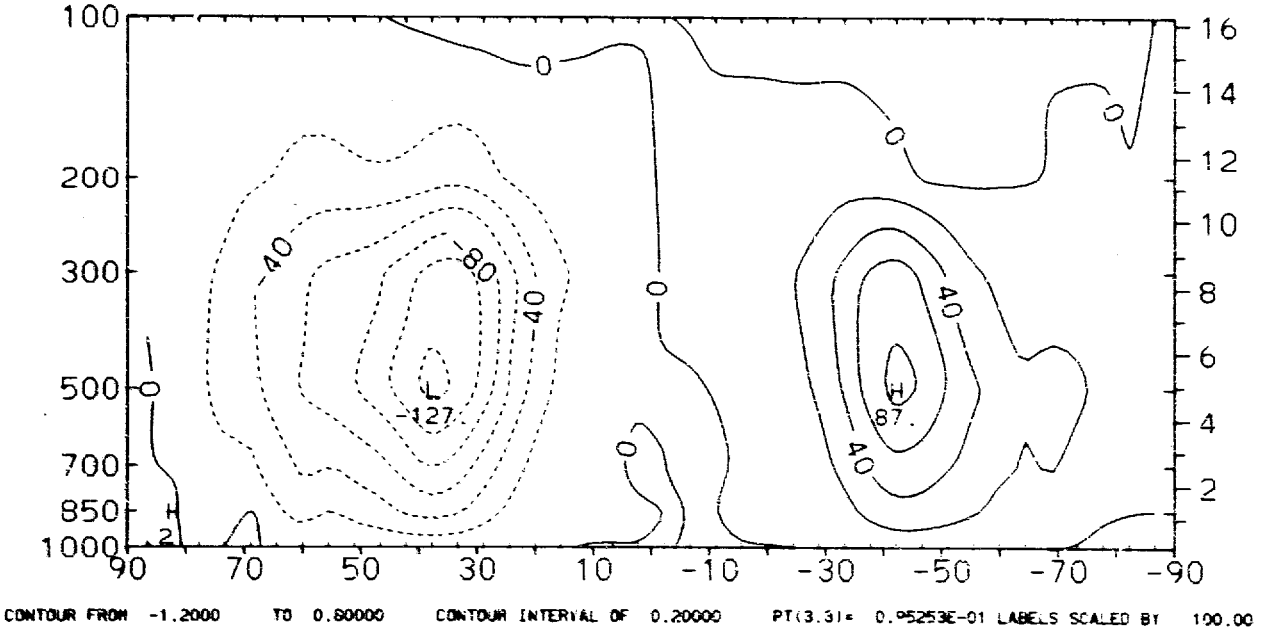



CONTOUR FROM -0.15000 TO 0.10000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.24689E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

VWP ($mb\,m\,s^{-2}$ X $10^4$)

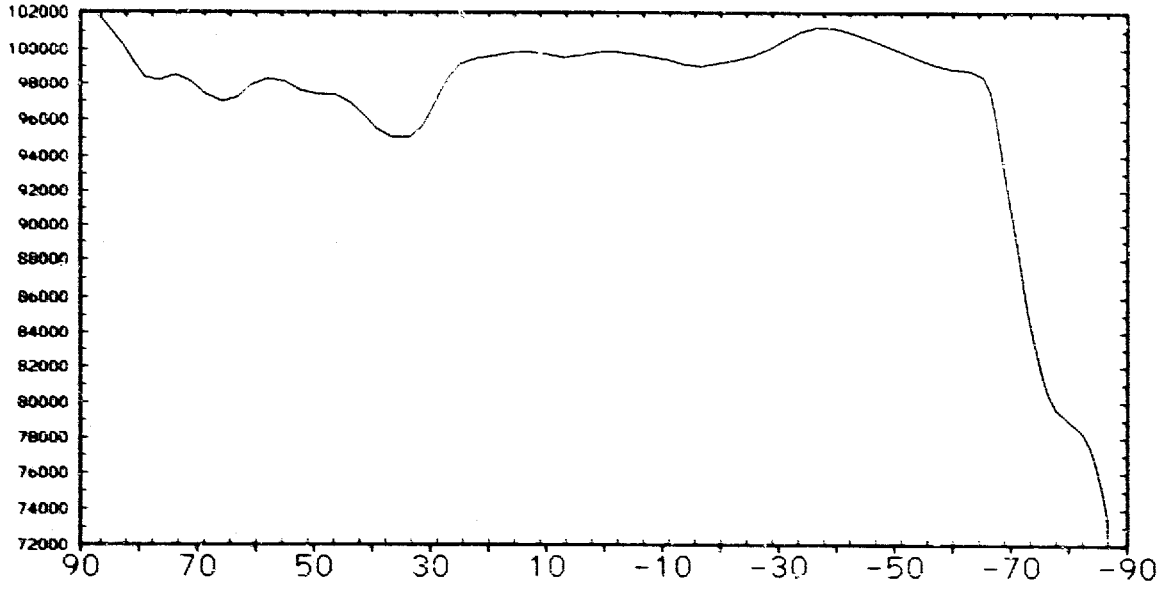



CONTOUR FROM -1.2000 TO 0.80000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.95253E-01 LABELS SCALED BY 100.00

FRAME 1.126

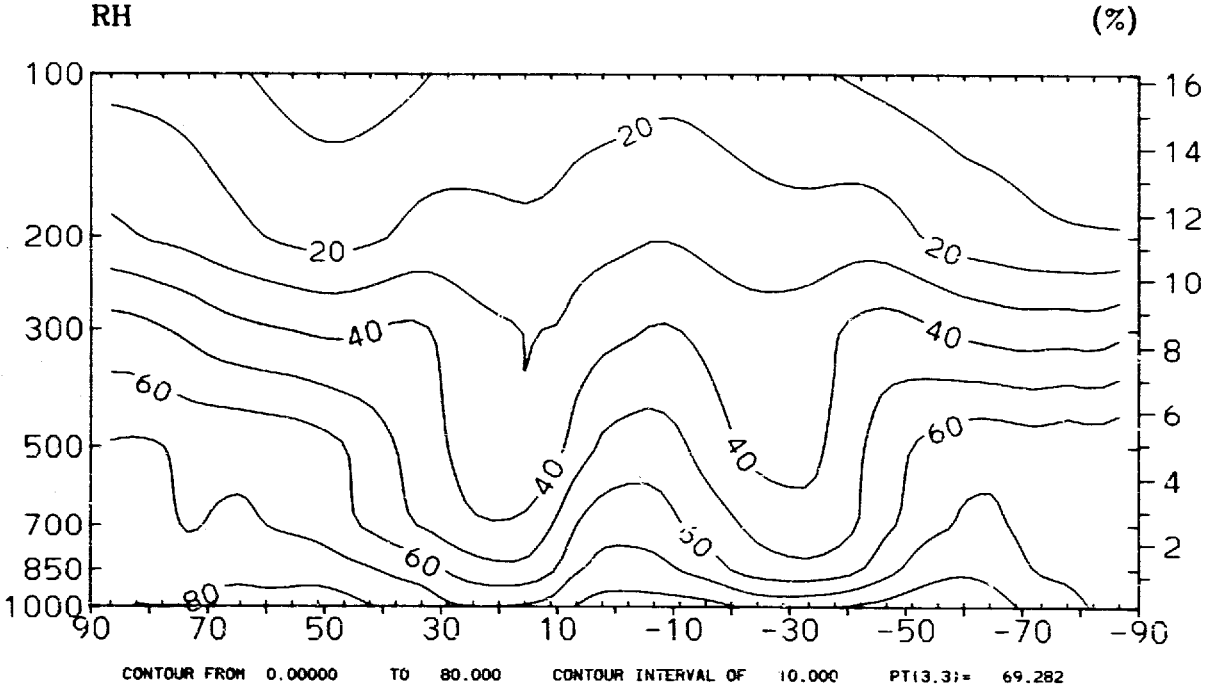
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)



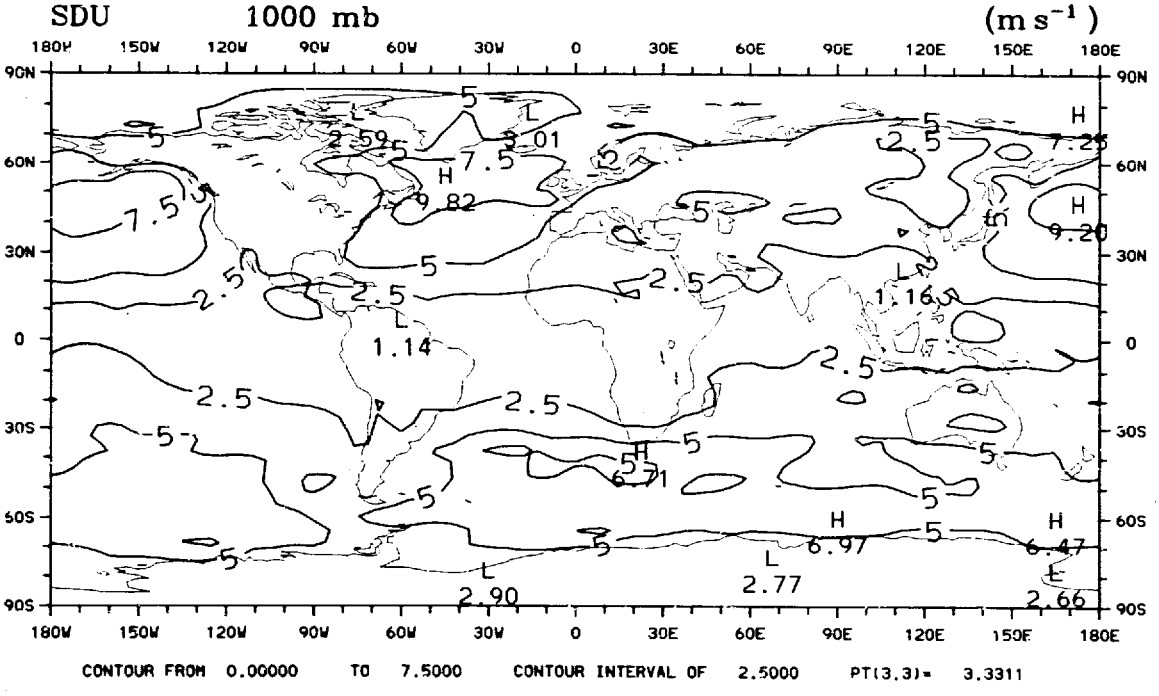

FRAME 1.127

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



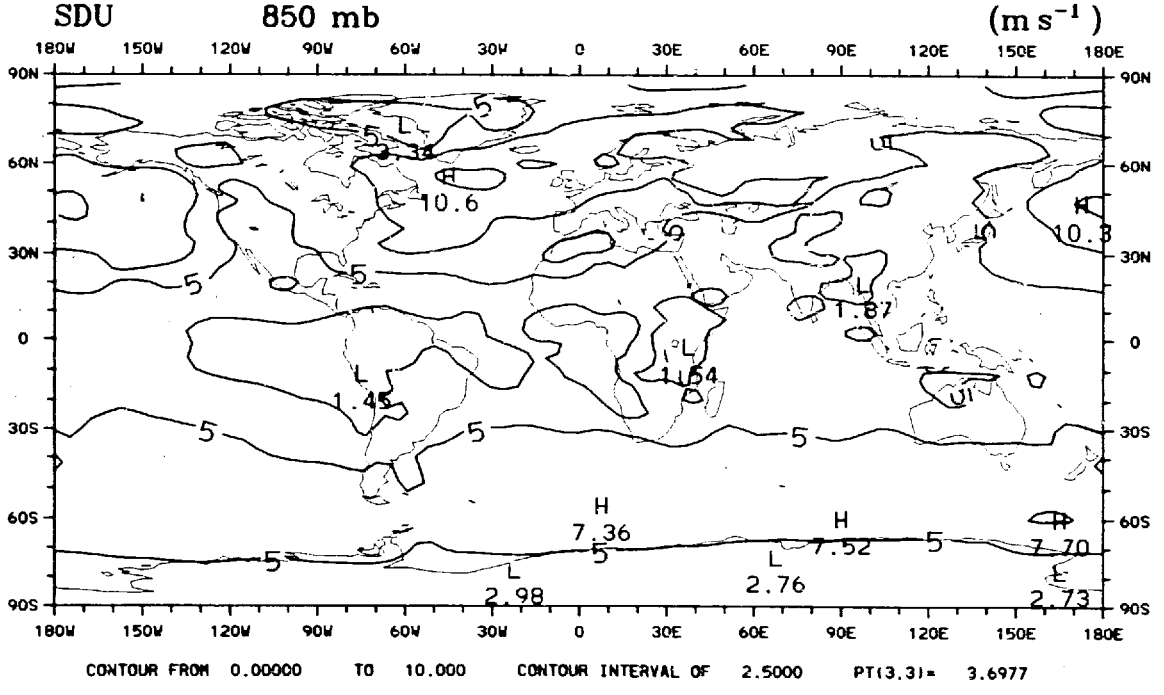

FRAME 1.128

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



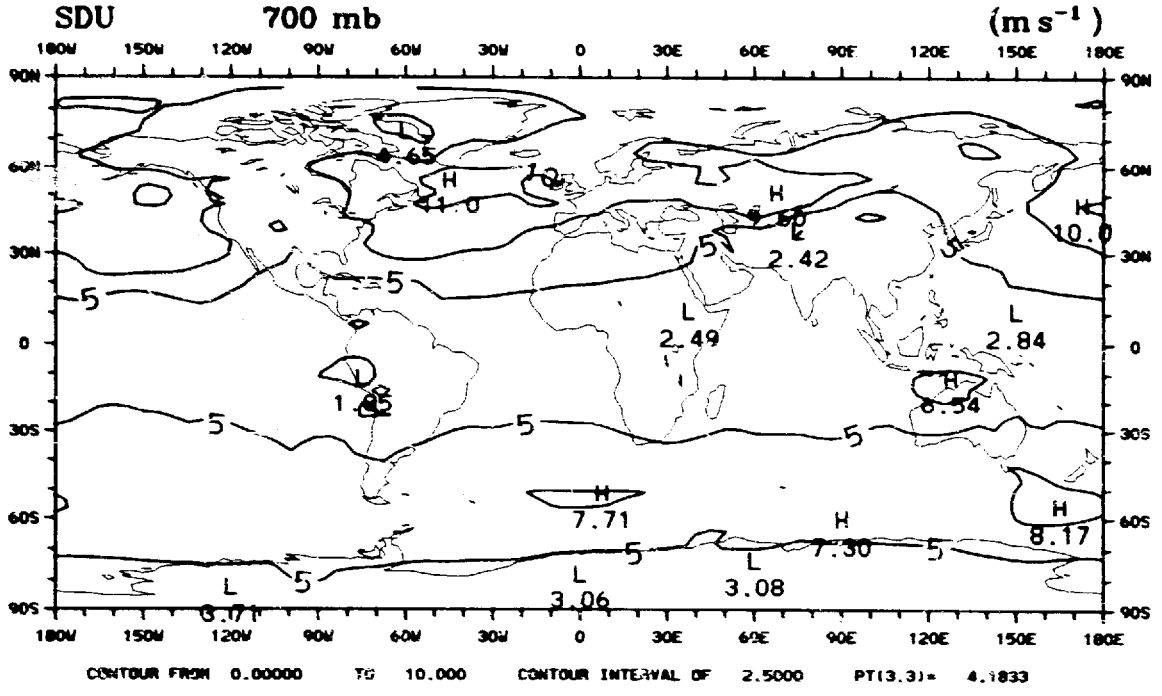

FRAME 2.1

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



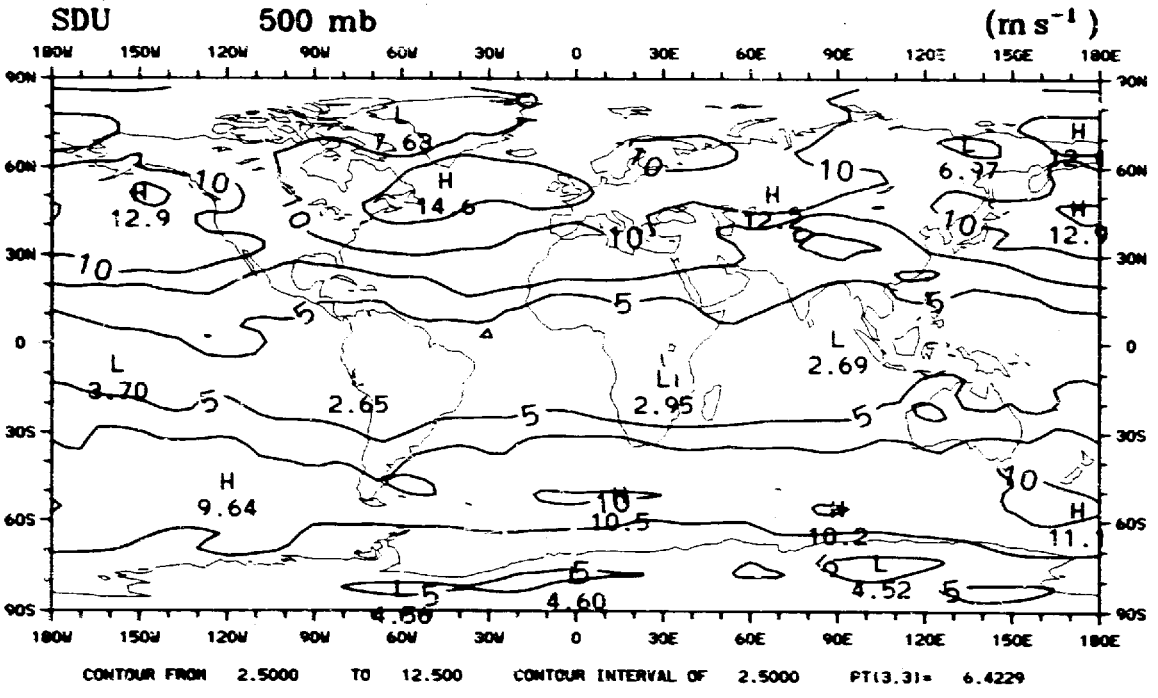

FRAME 2.2

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



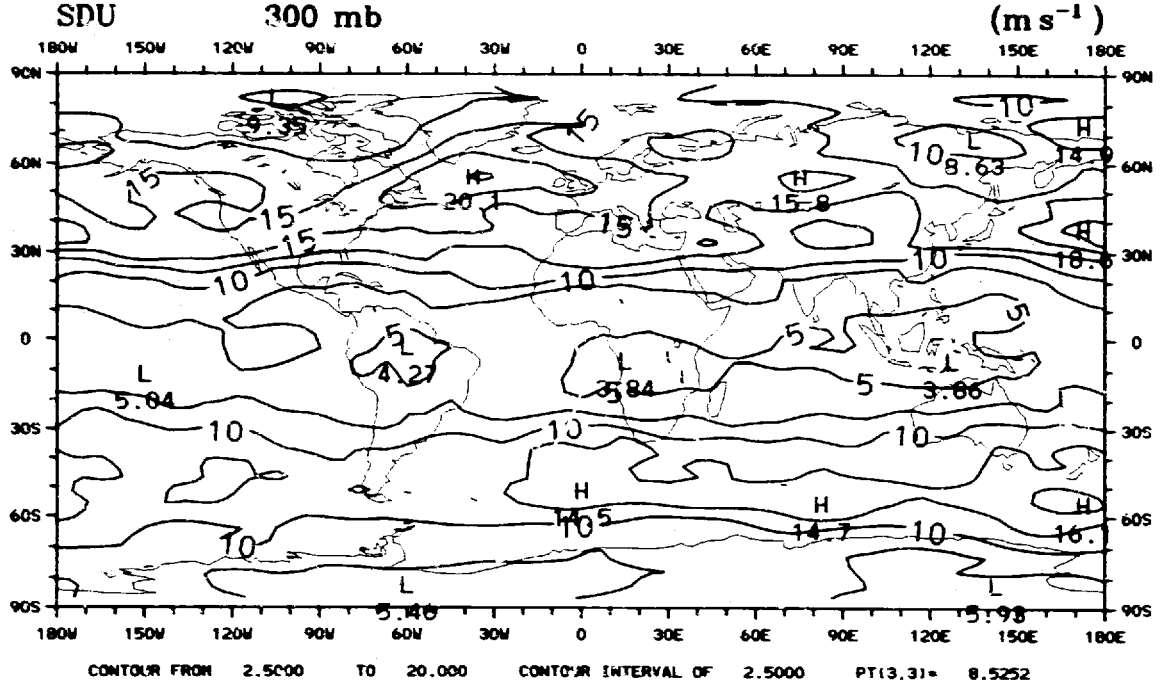

FRAME 2.3

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



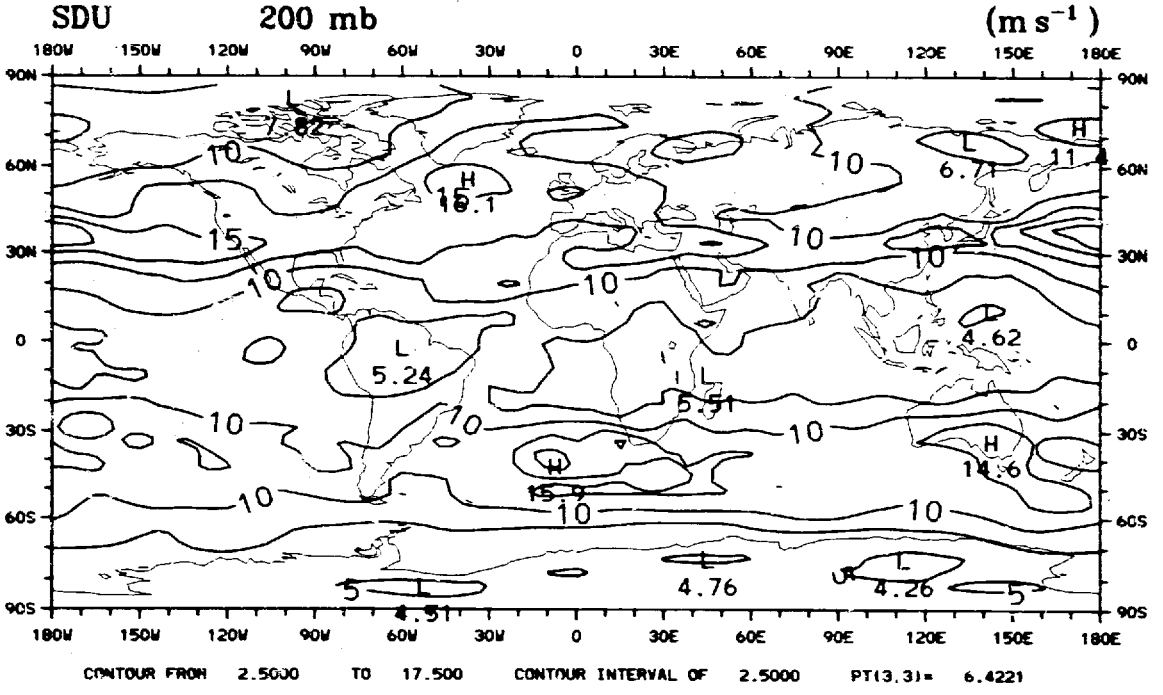

FRAME 2.4

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



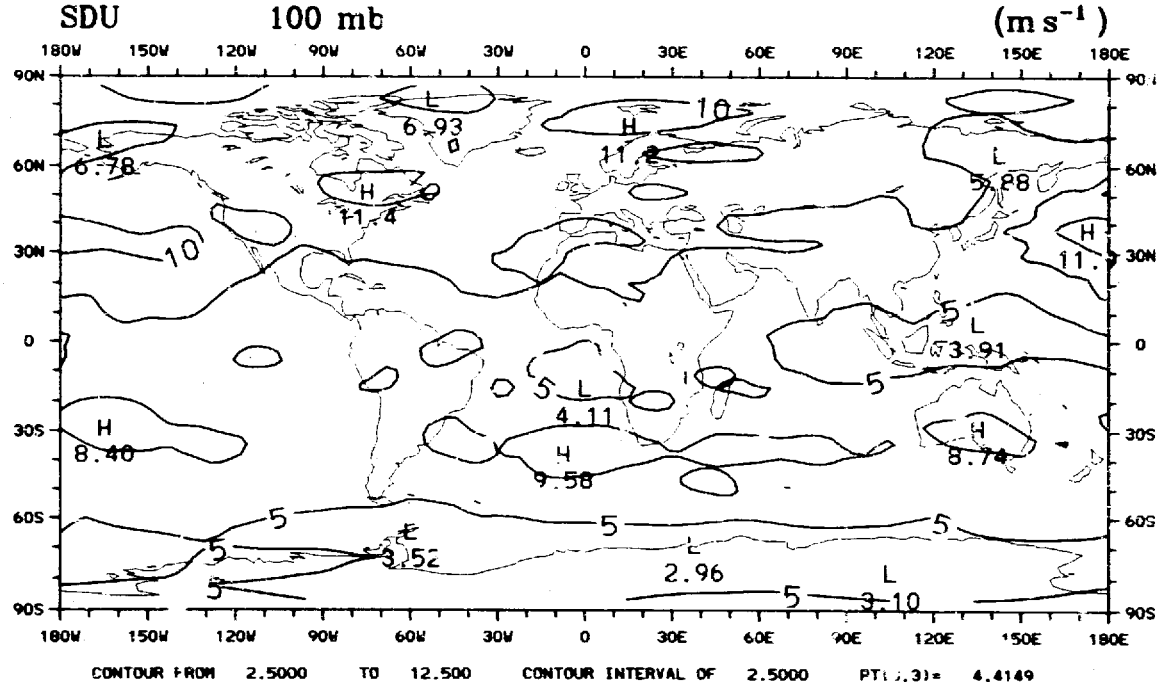

FRAME 2.5

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



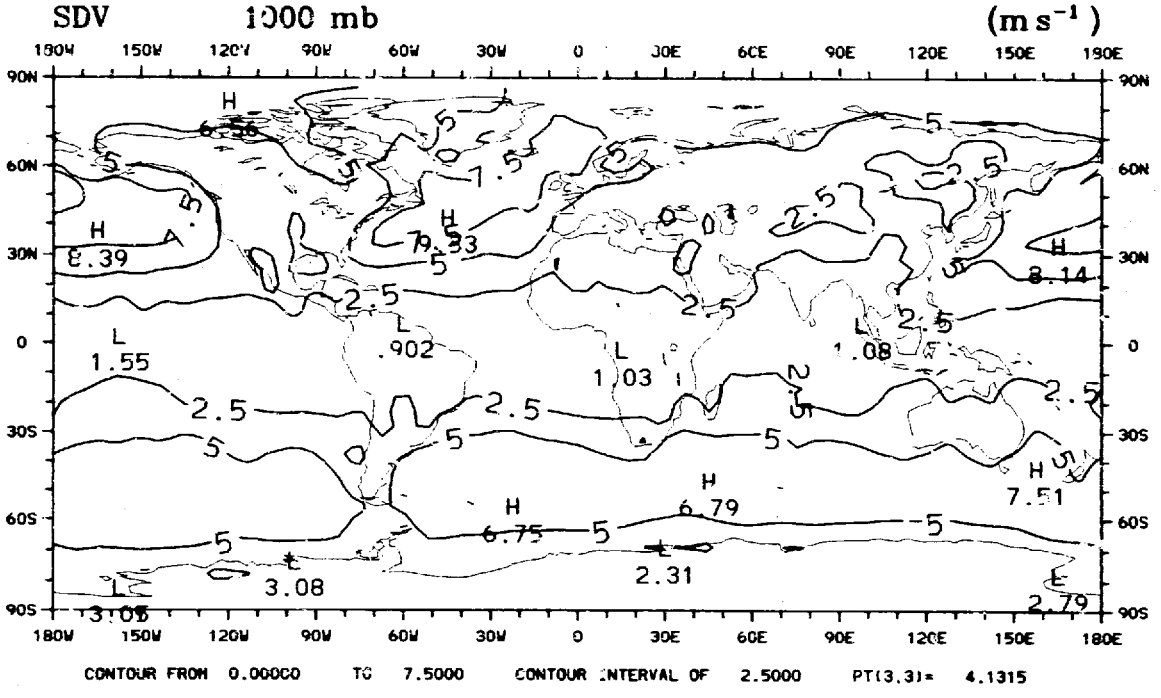

FRAME 2.6

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



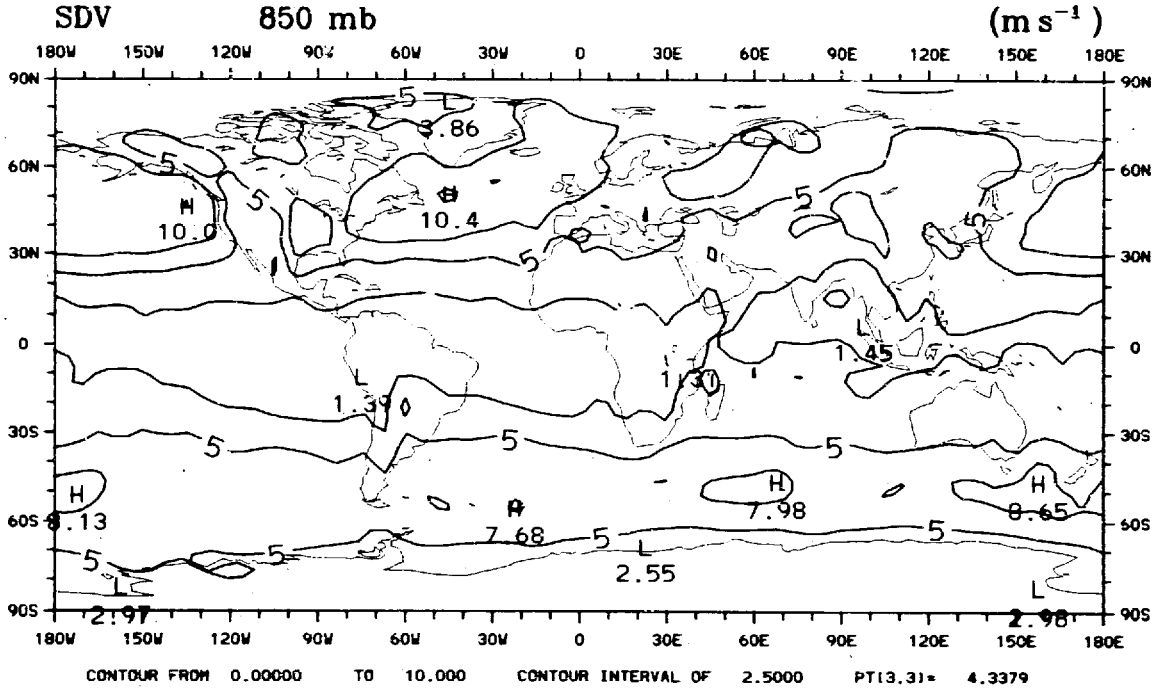

FRAME 2.7

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



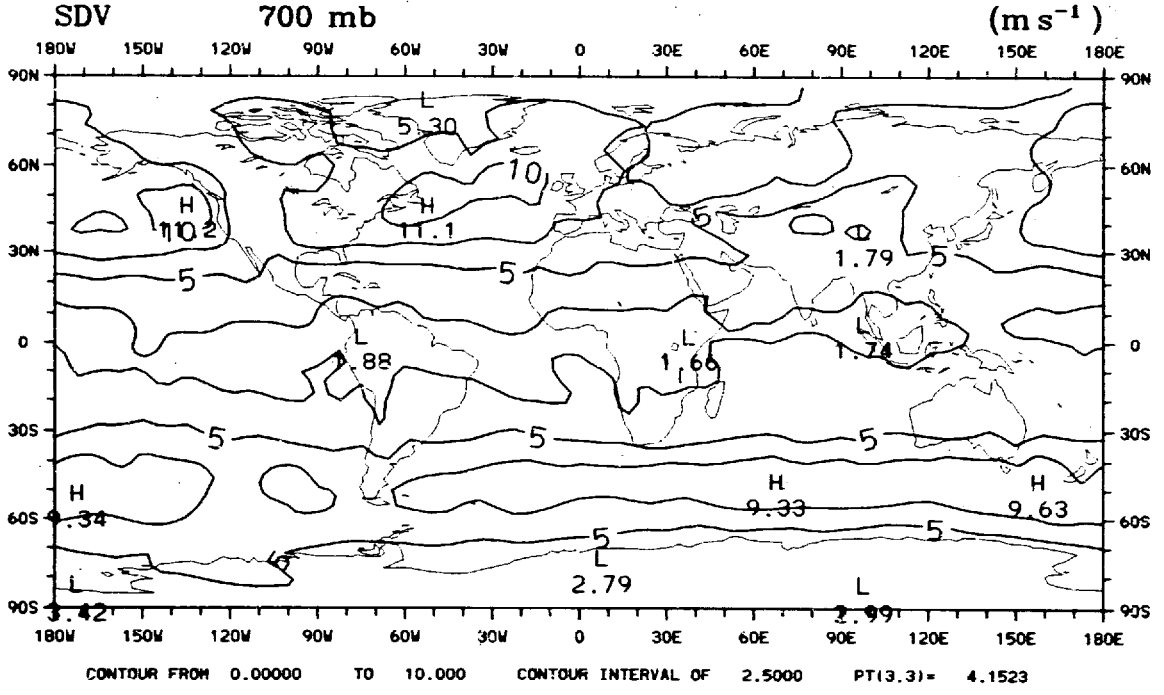

FRAME 2.8

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



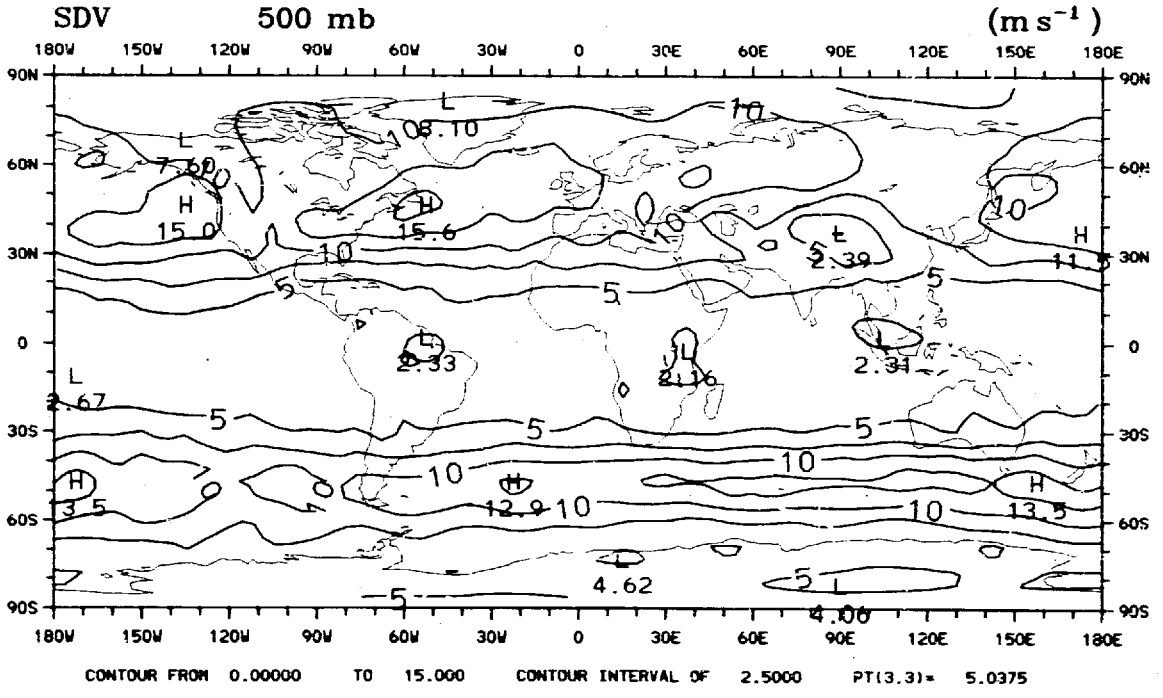

FRAME 2.9

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



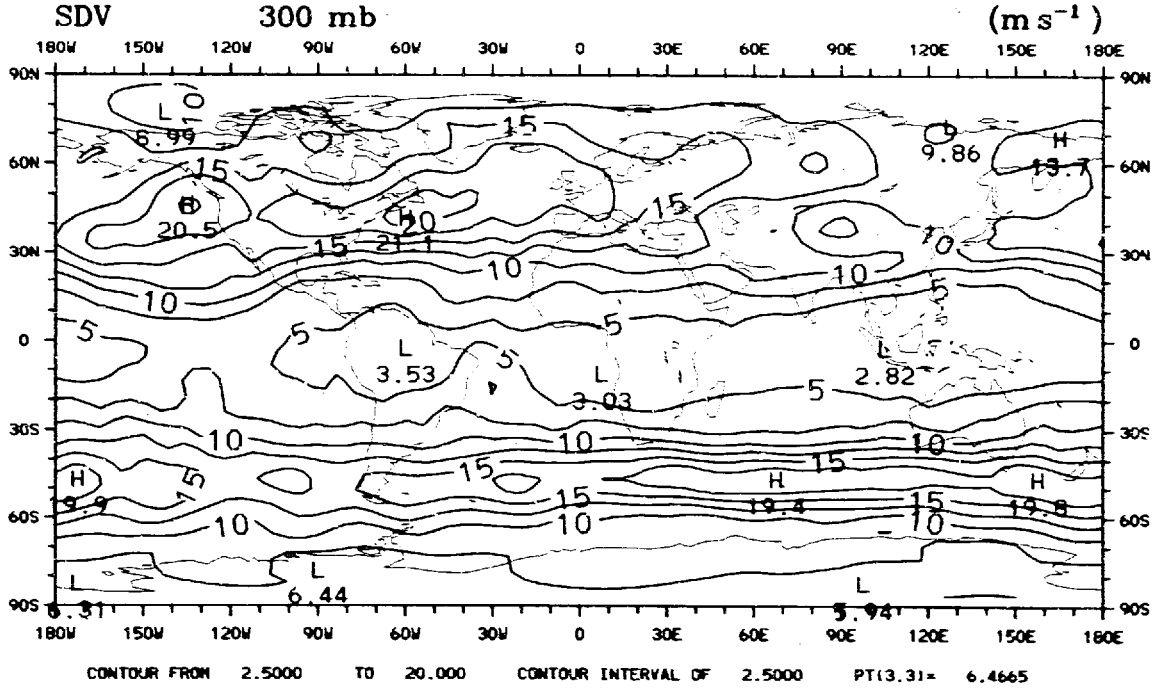

FRAME 2.10

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



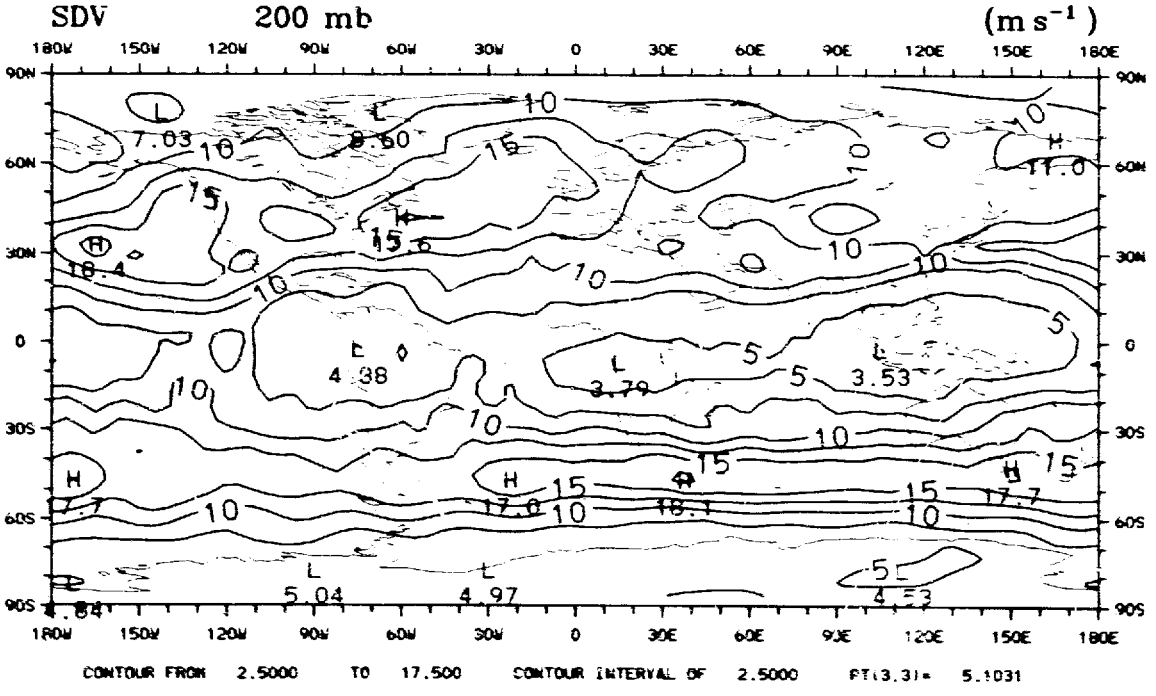

FRAME 2.11

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



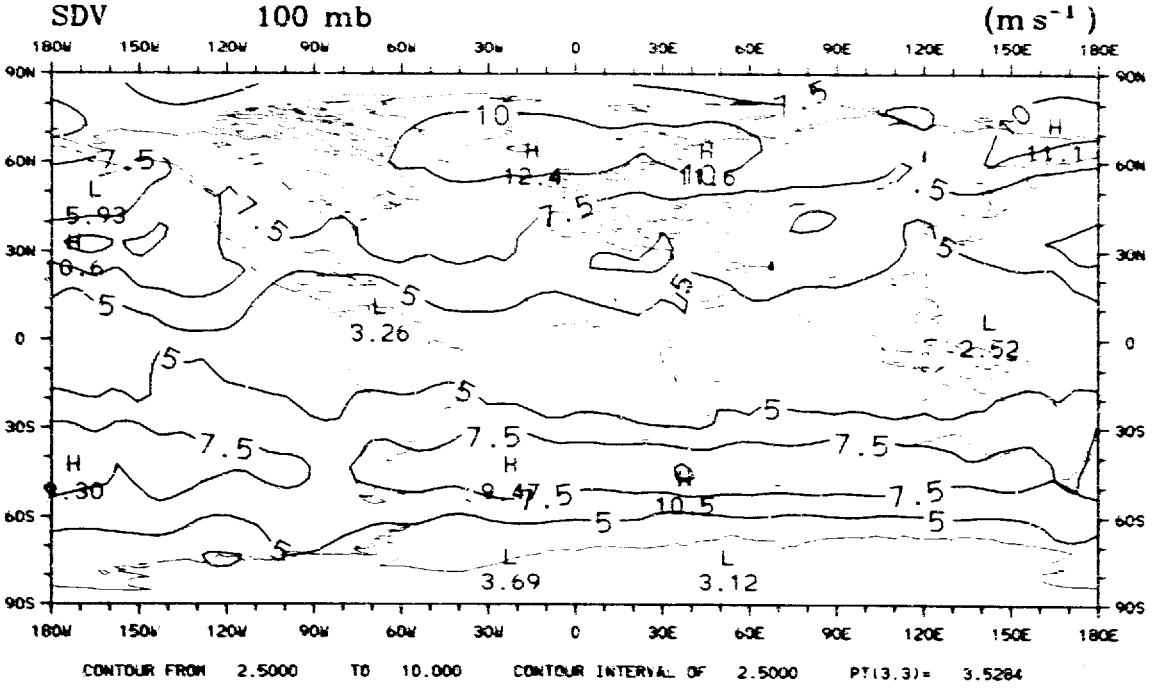

FRAME 2.12

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



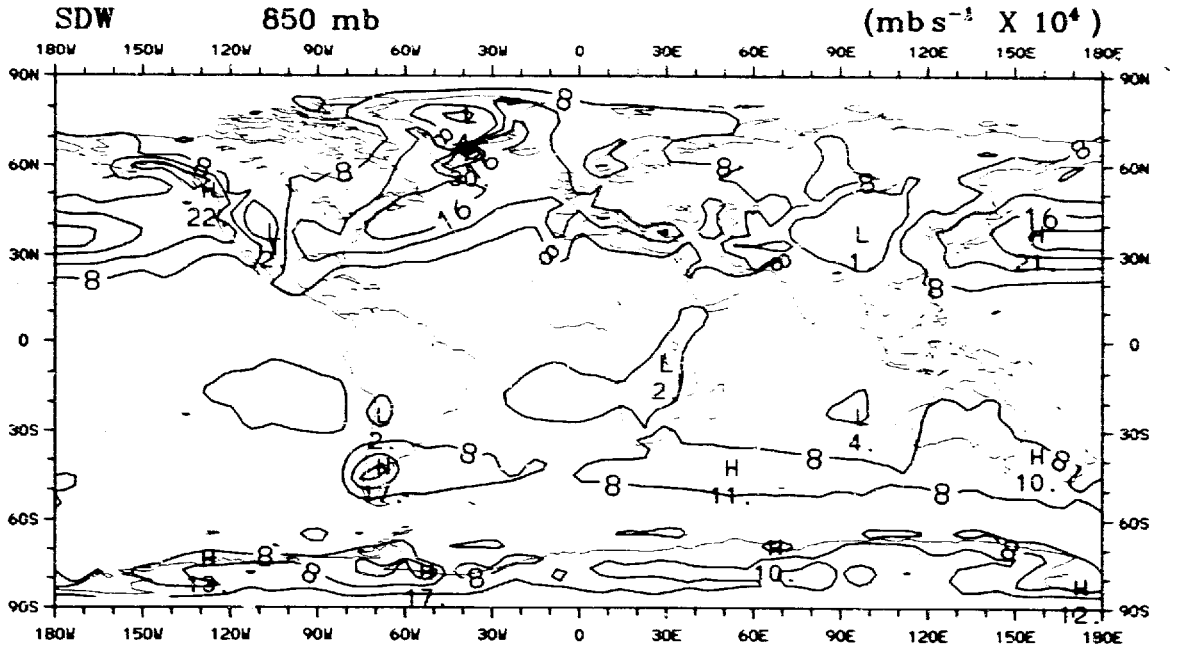

FRAME 2.13

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.14

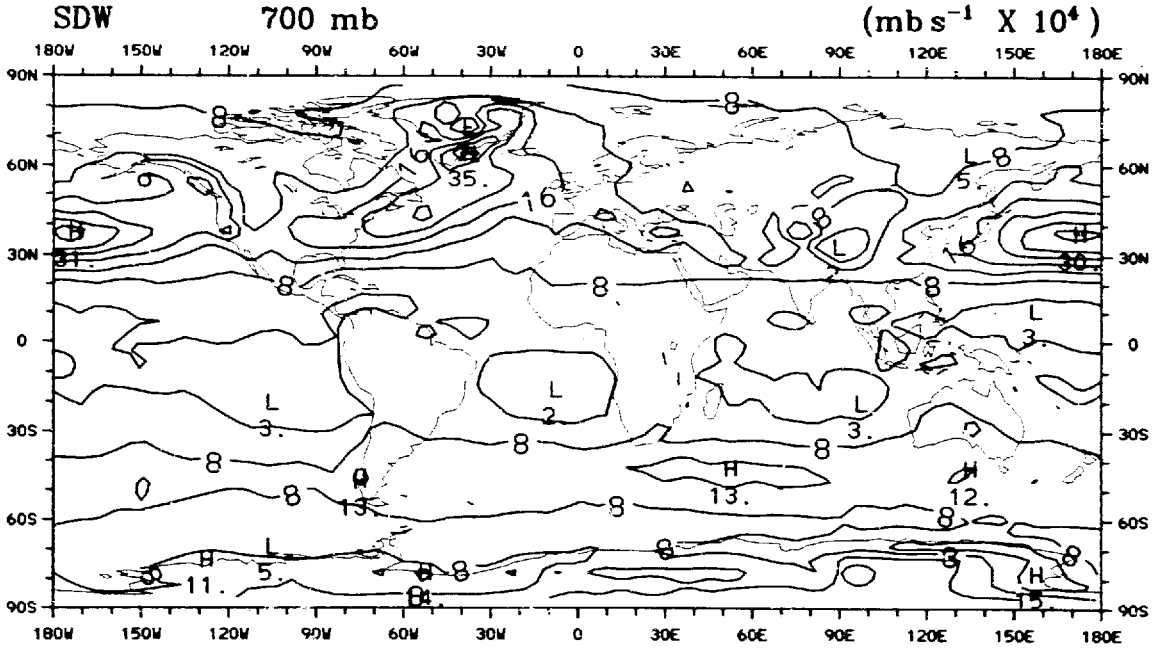
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.27000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.82521E-01 LABELS SCALED BY 100.00

FRAME 2.15

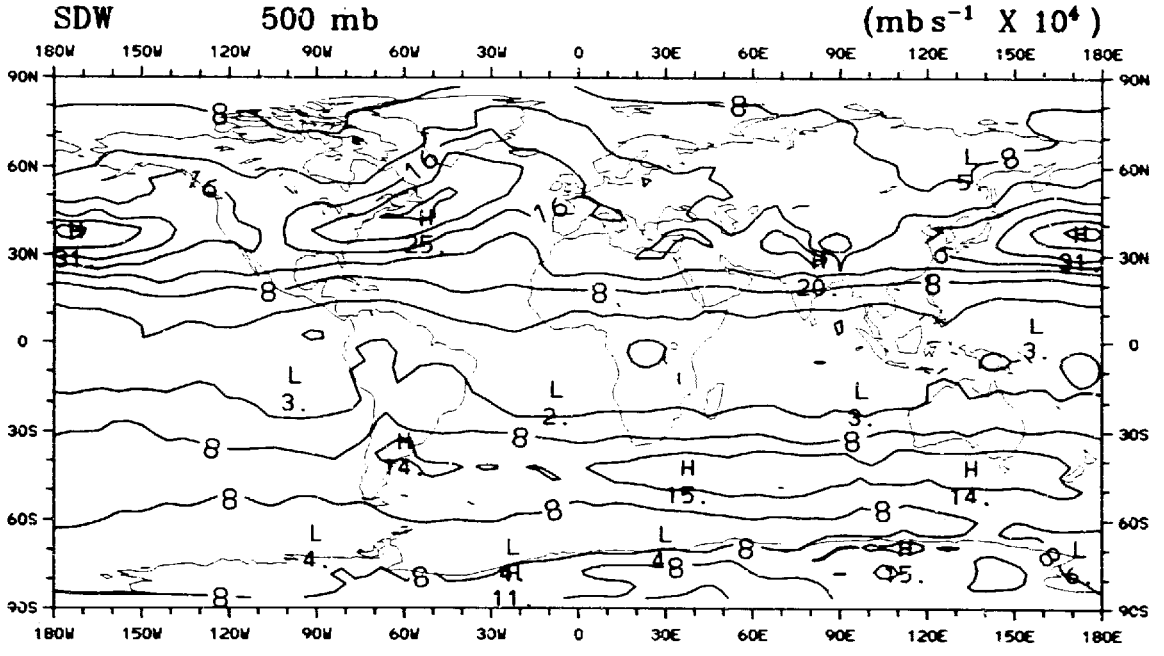
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.32000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.71390E-01 LABELS SCALED BY 100.00

FRAME 2.16

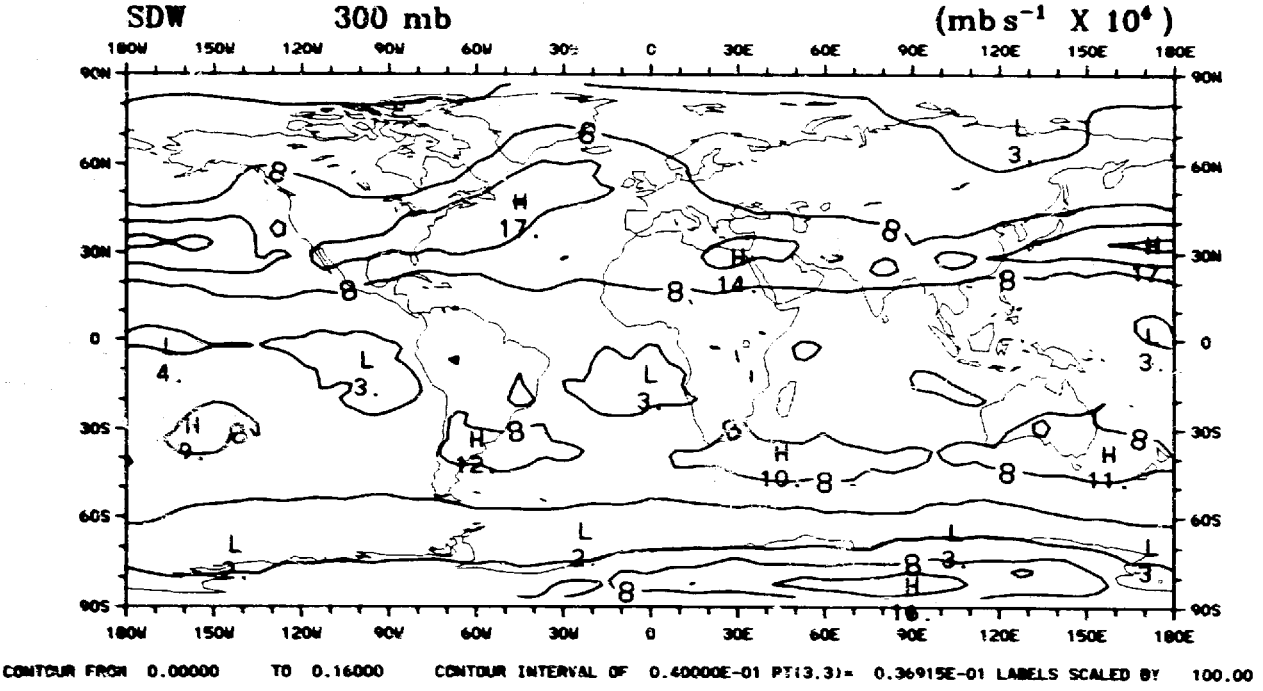
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.28000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.61022E-01 LABELS SCALED BY 100.00

FRAME 2.17

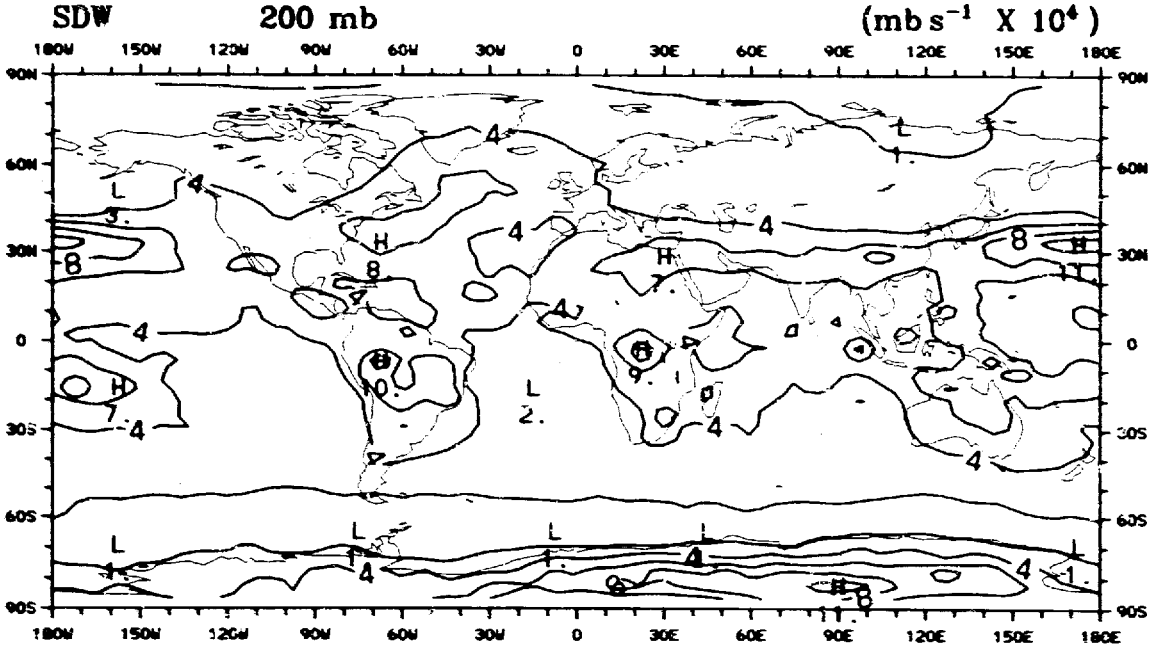
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.36915E-01 LABELS SCALED BY 100.00

FRAME 2.18

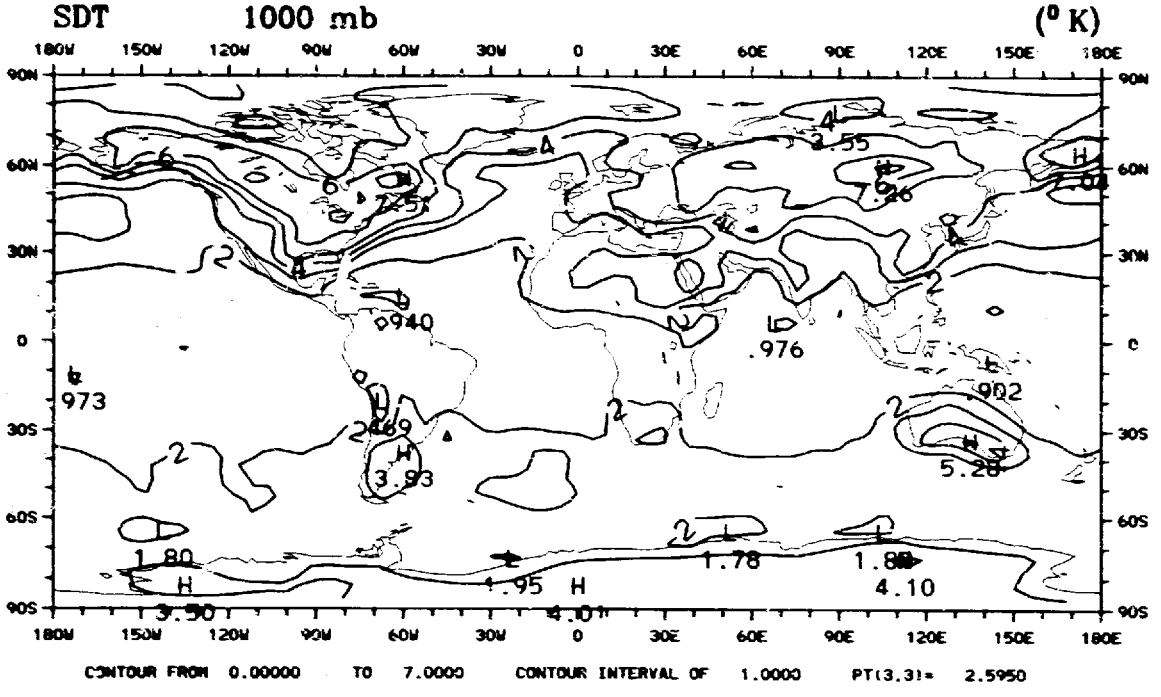
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.21987E-01 LABELS SCALED BY 100.00

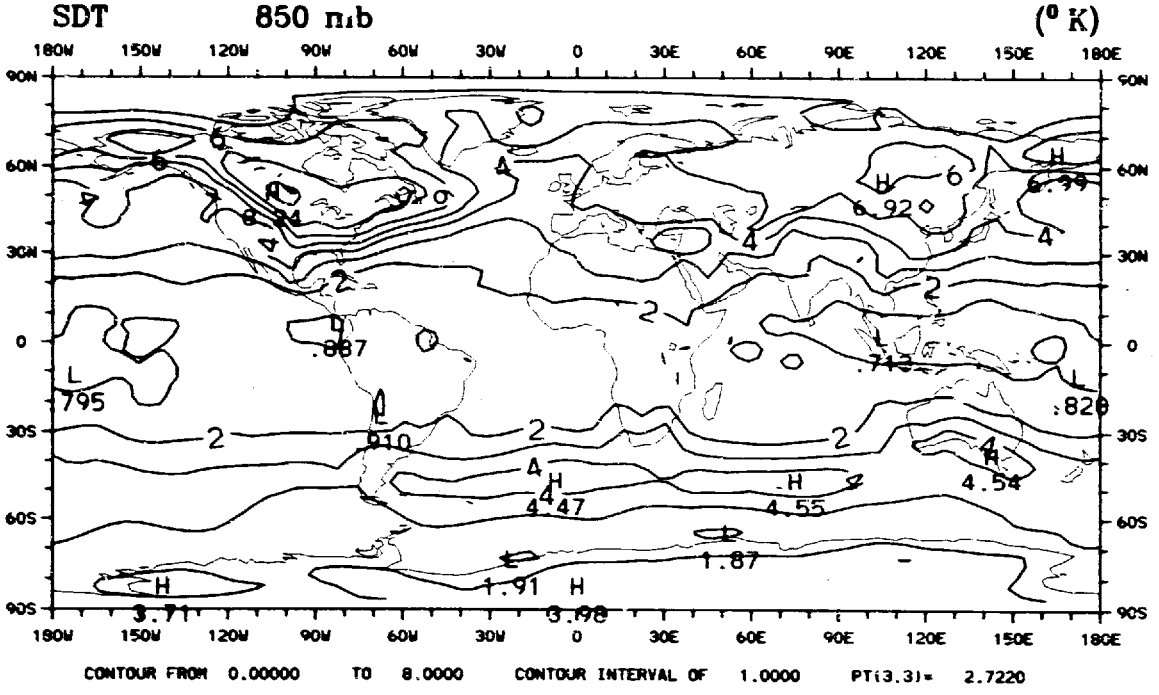
FRAME 2.19

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



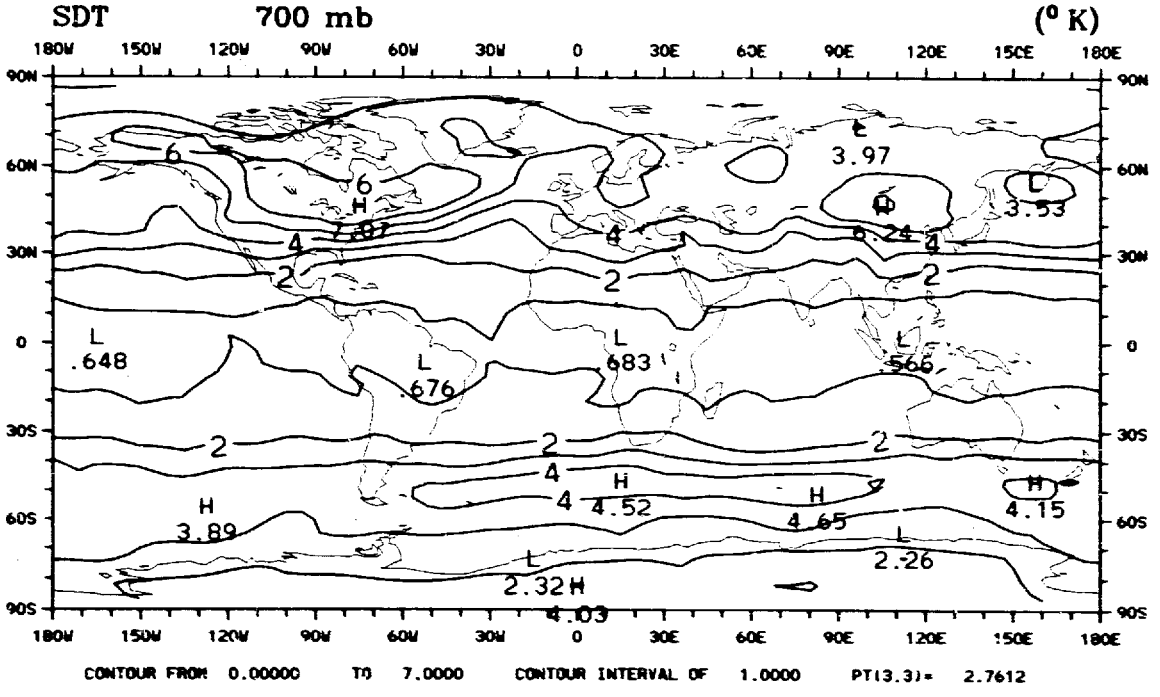

FRAME 2.2C

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)



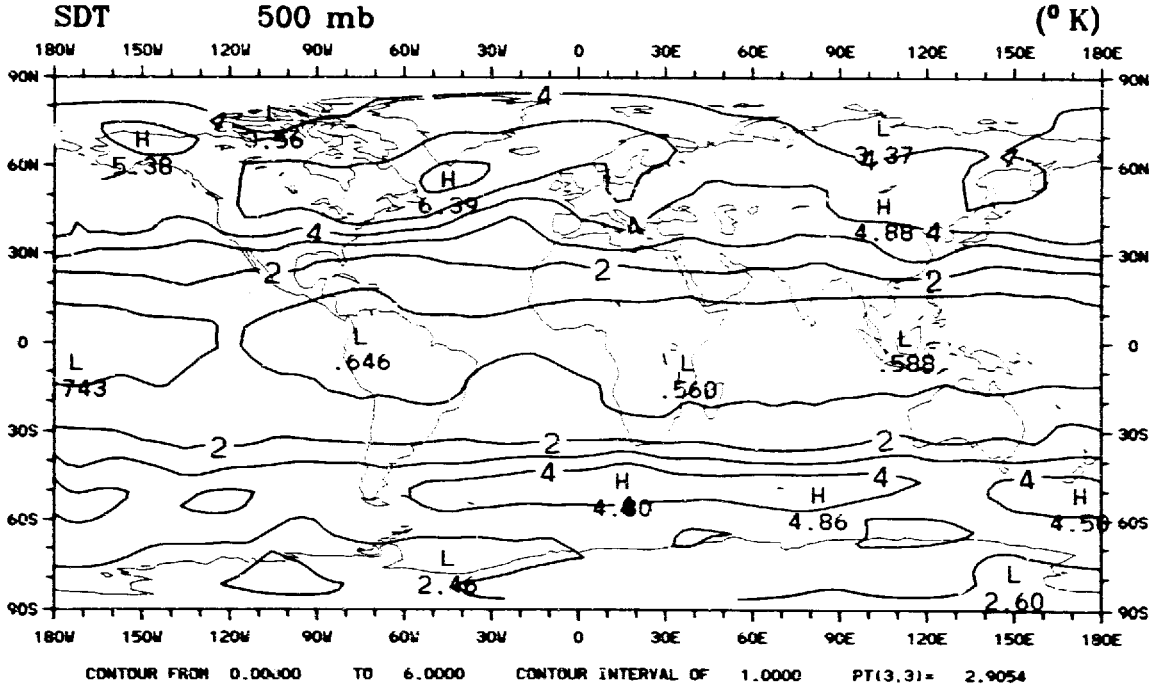

FRAME 2.21

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



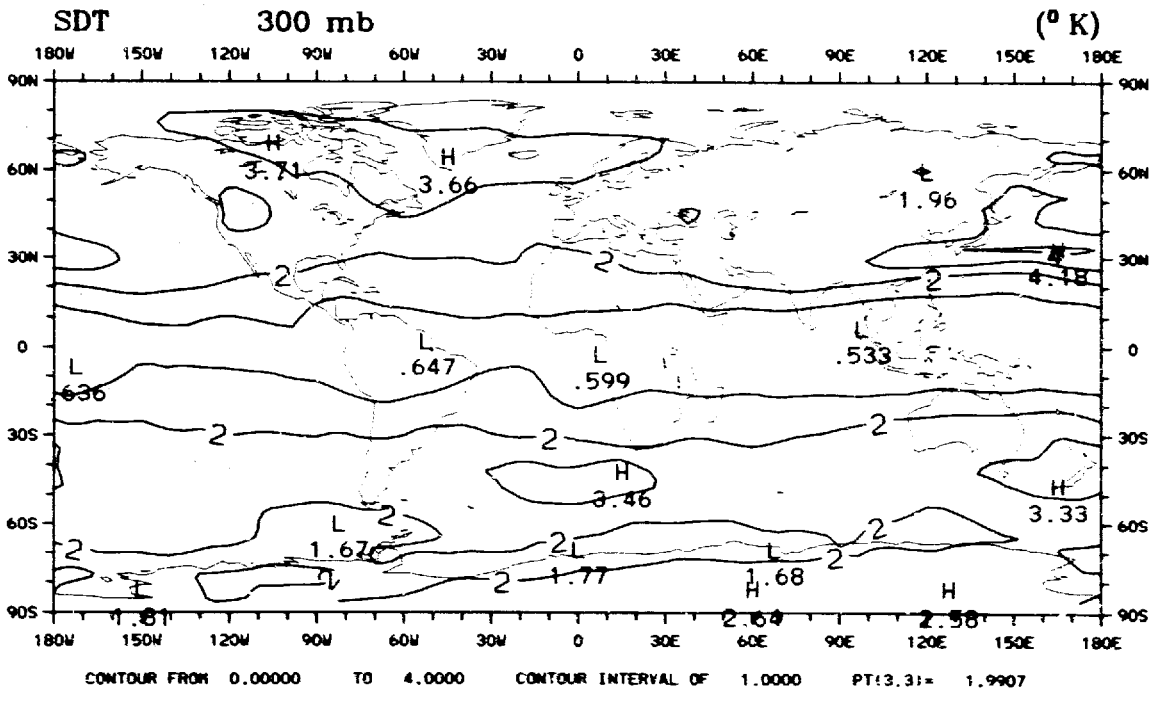

FRAME 2.22

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



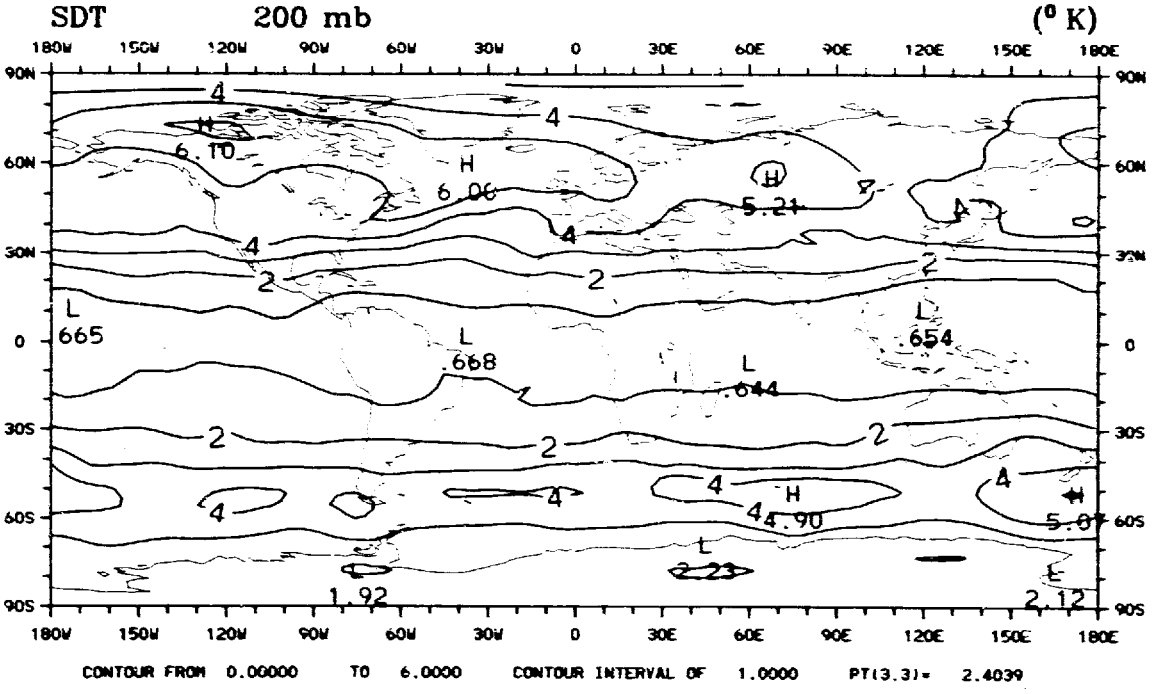

FRAME 2.23

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



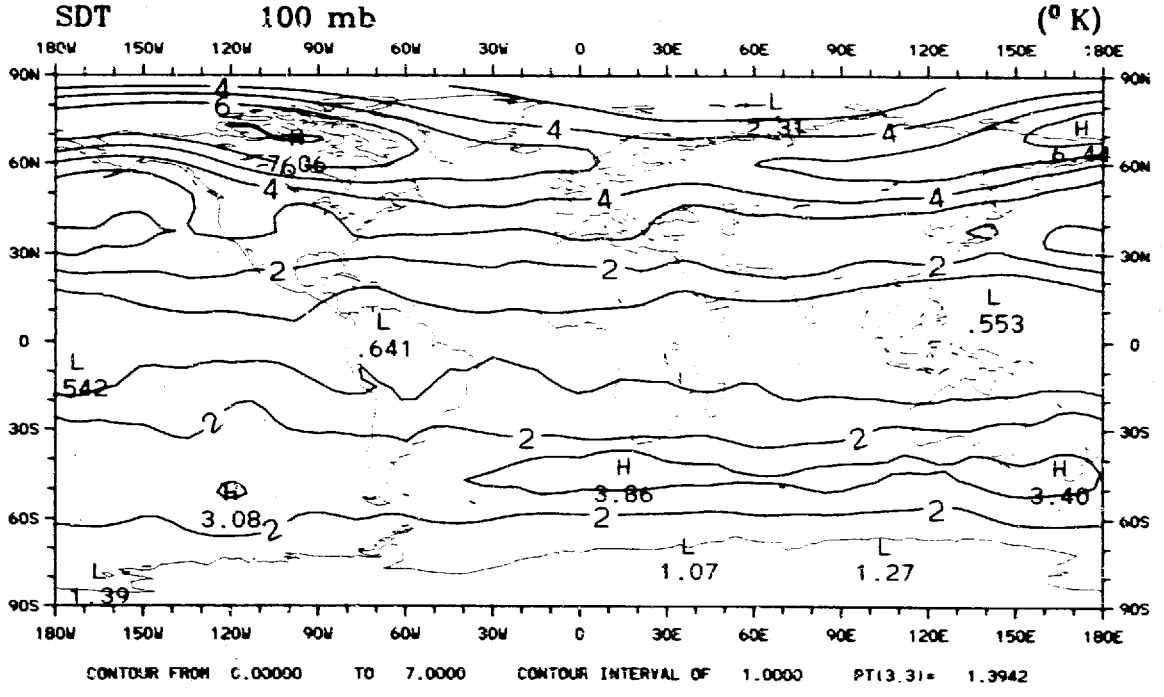

FRAME 2.24

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



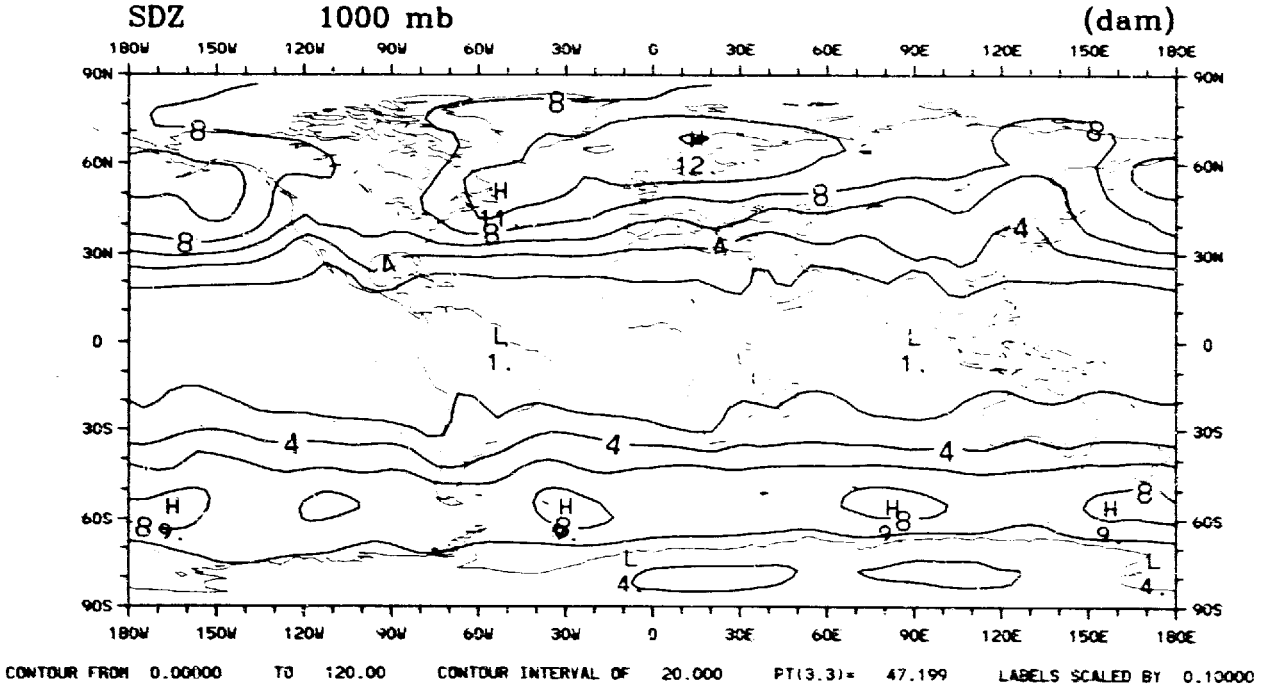

FRAME 2.25

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



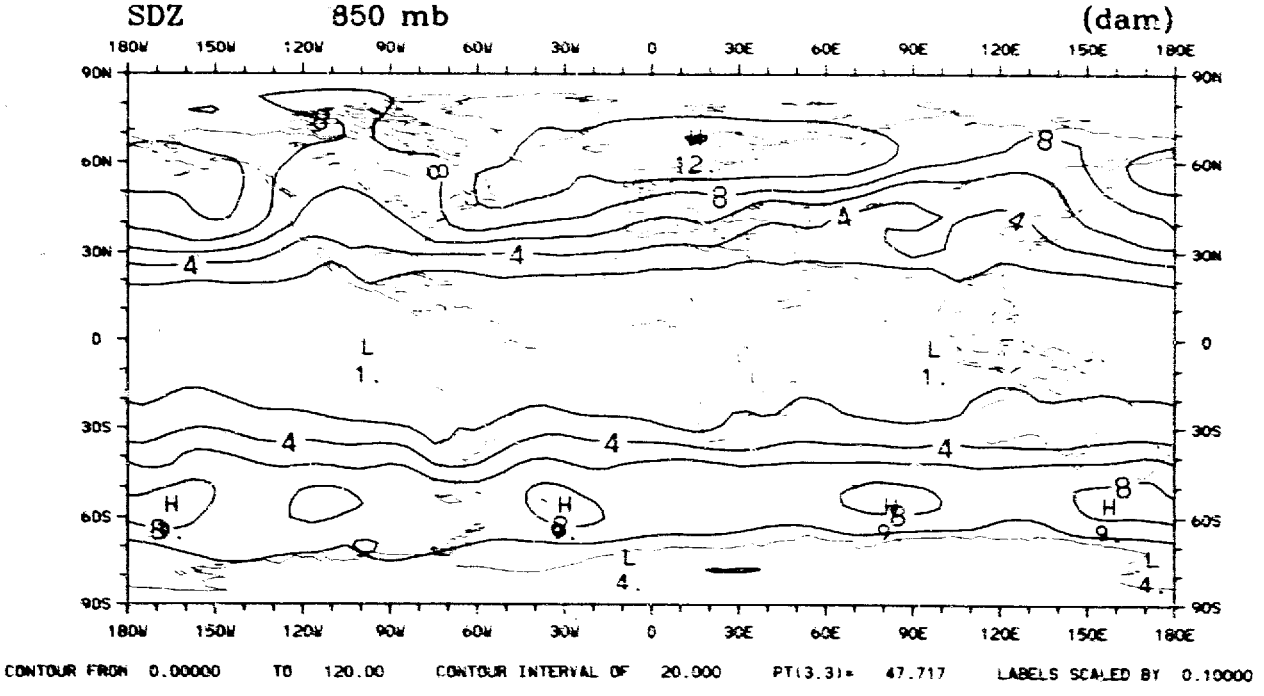

FRAME 2.26

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



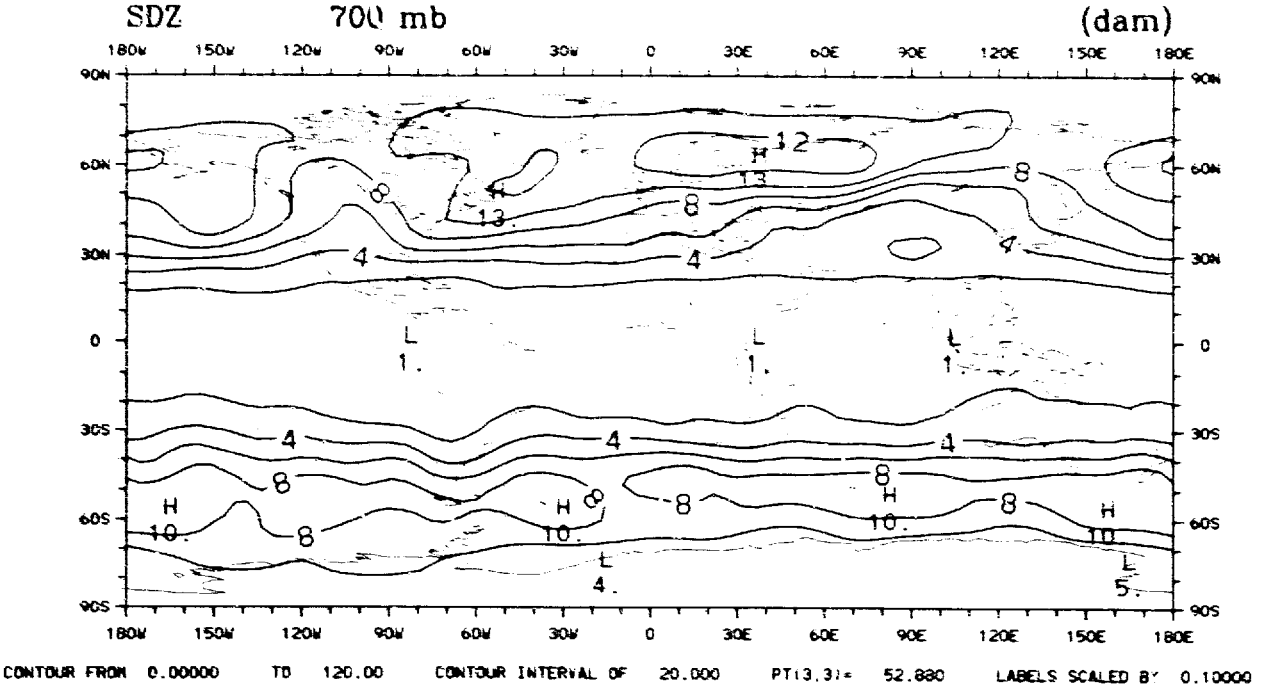

FRAME 2.27

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



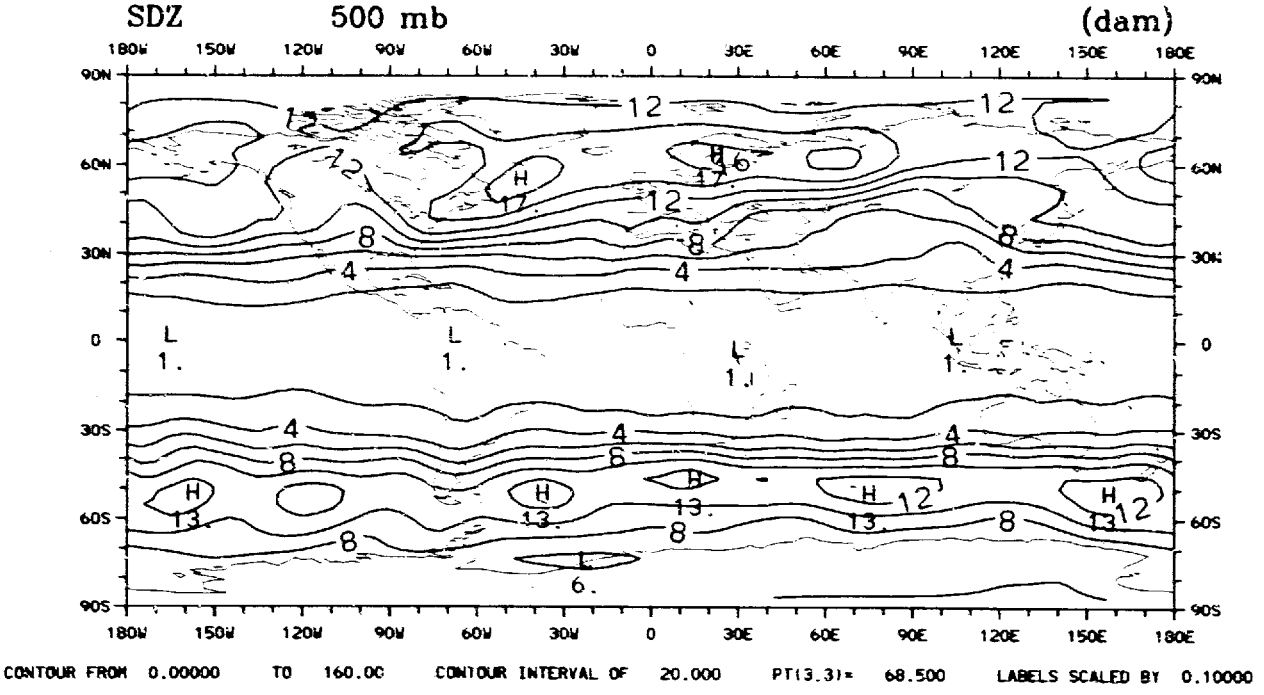

FRAME 2.28

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



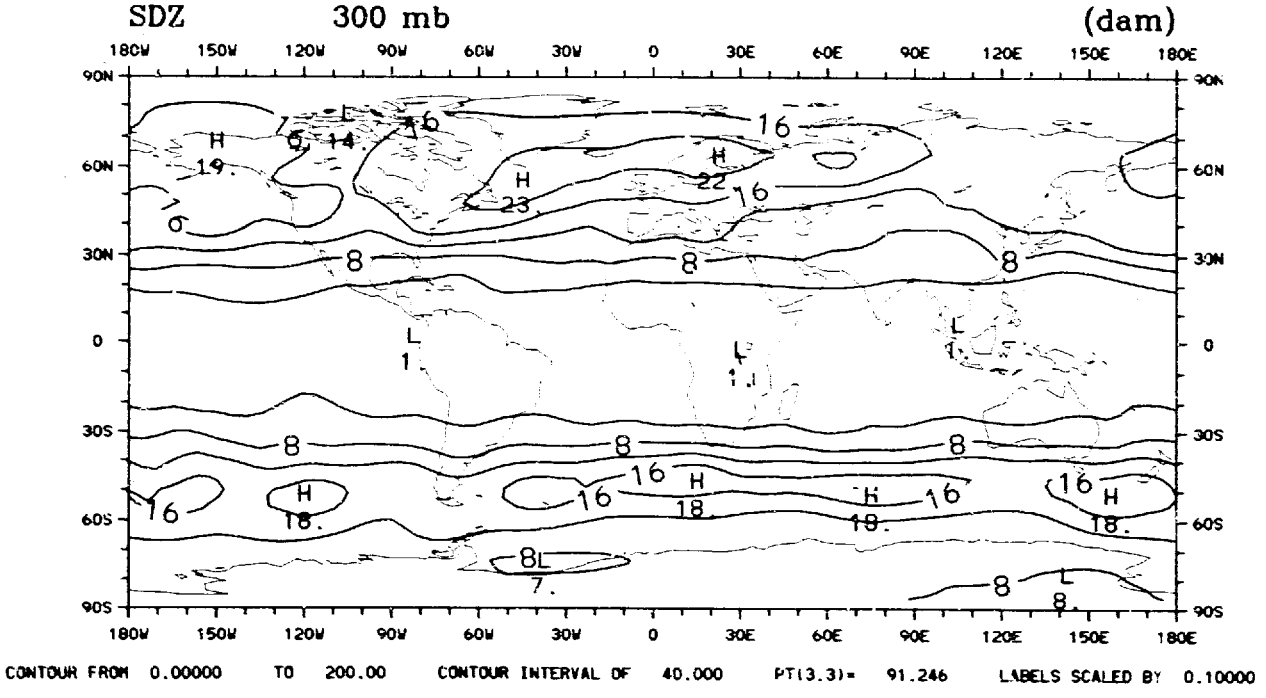

FRAME 2.29

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



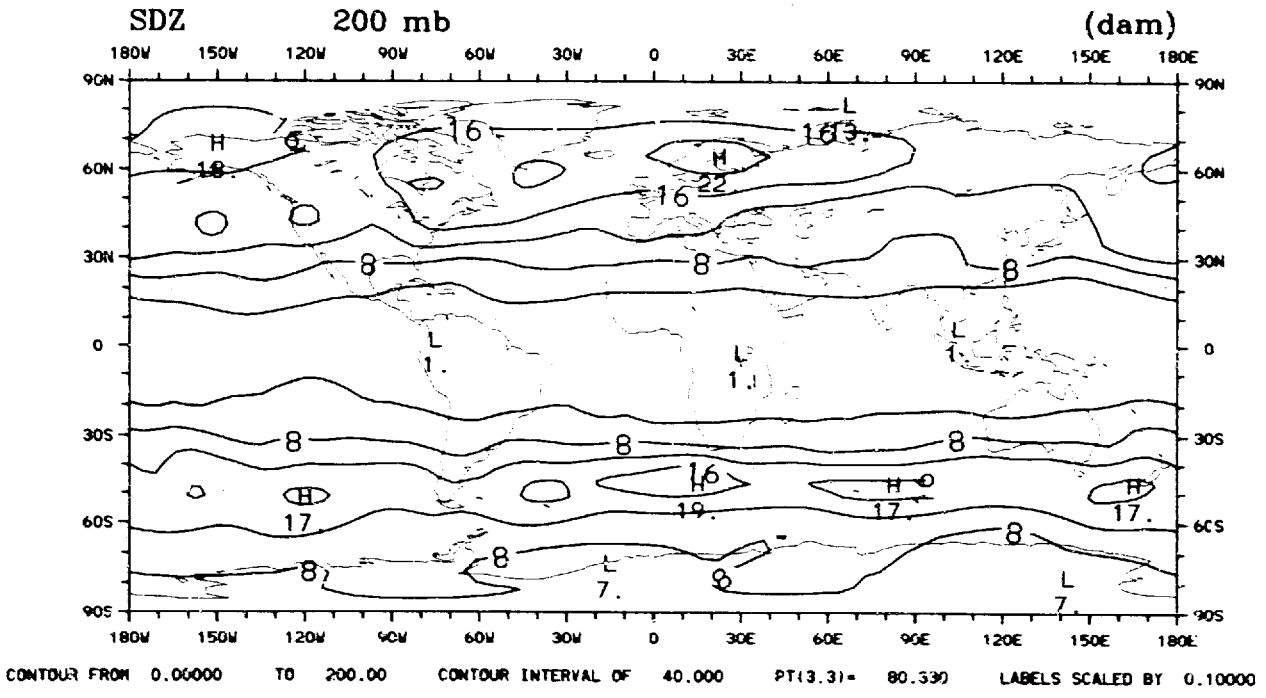

FRAME 2.30

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



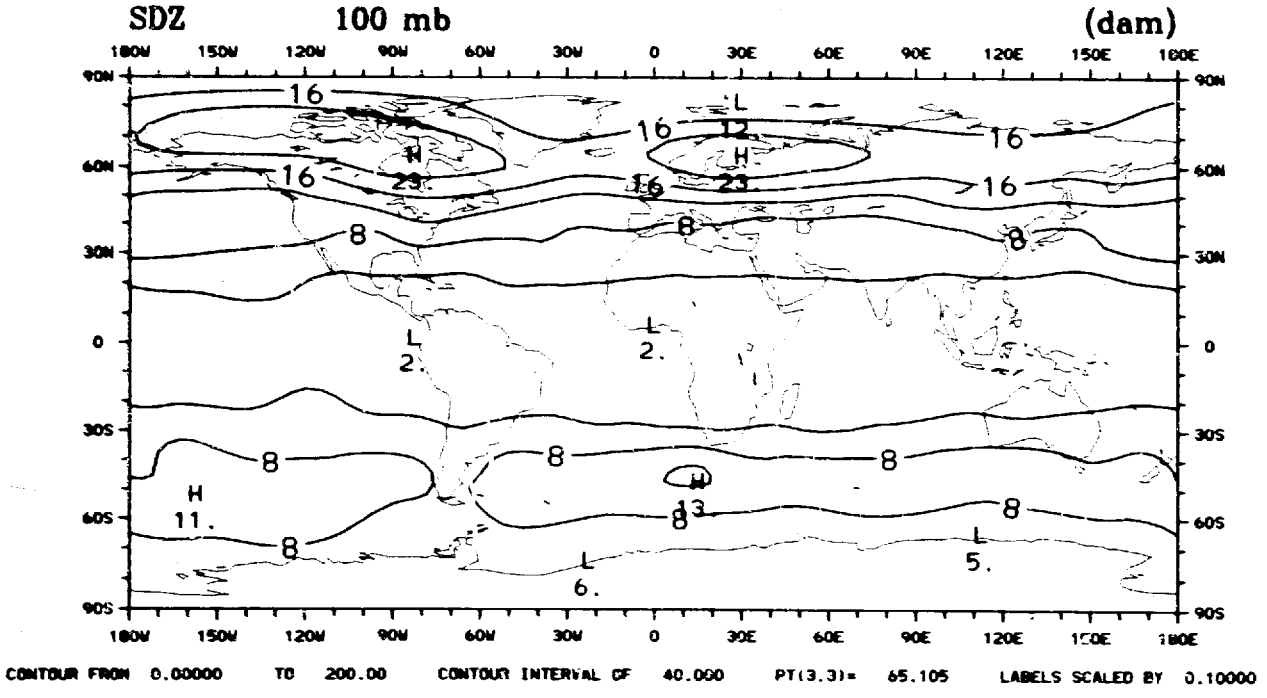

FRAME 2.31

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



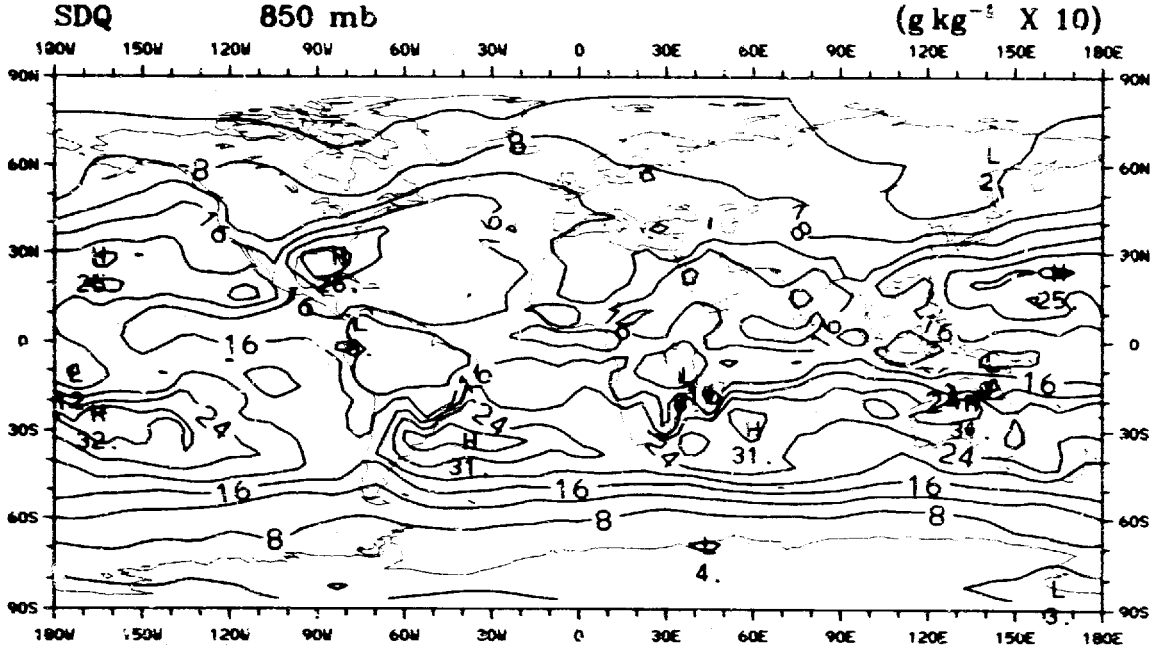

FRAME 2.32

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.33

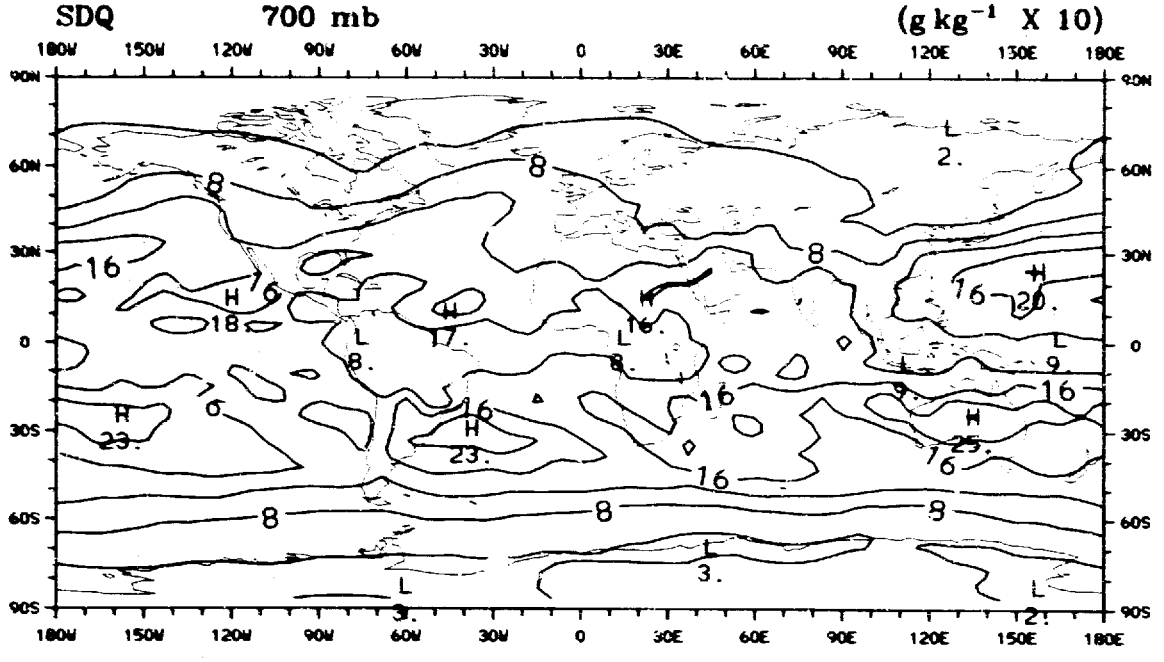
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.47861E-03 LABELS SCALED BY 10000.

FRAME 2.34

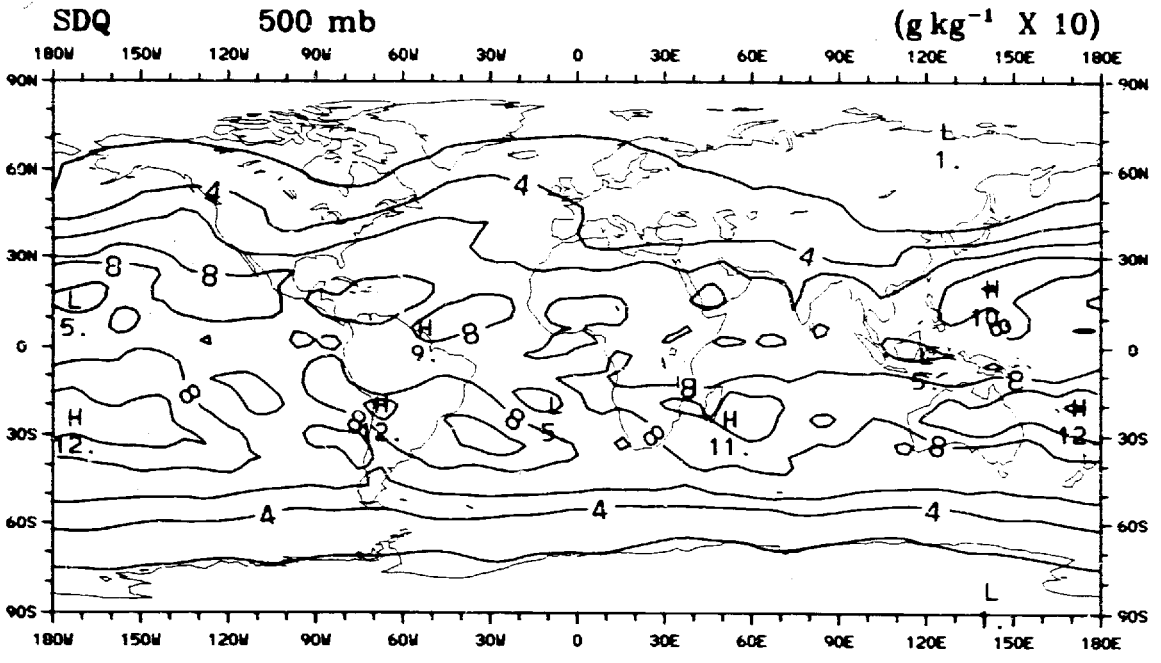
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.36942E-03 LABELS SCALED BY 10000.

FRAME 2.35

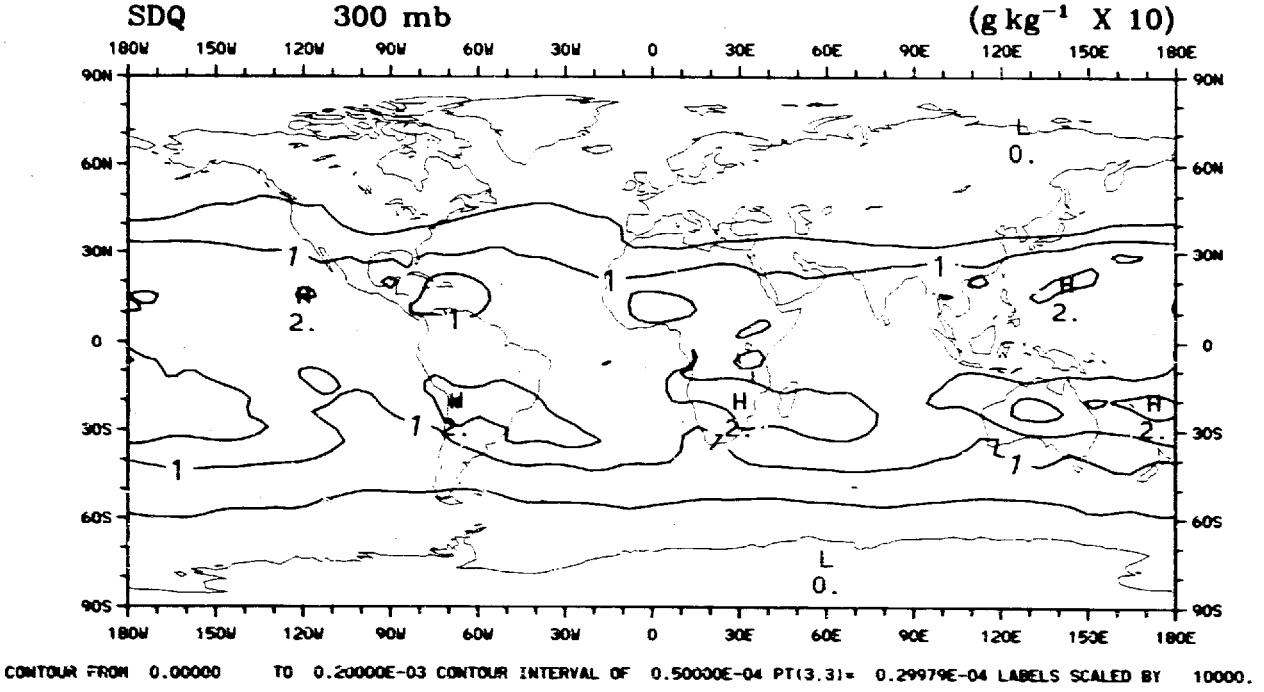
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.12000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.18332E-03 LABELS SCALED BY 10000.

FRAME 2.36

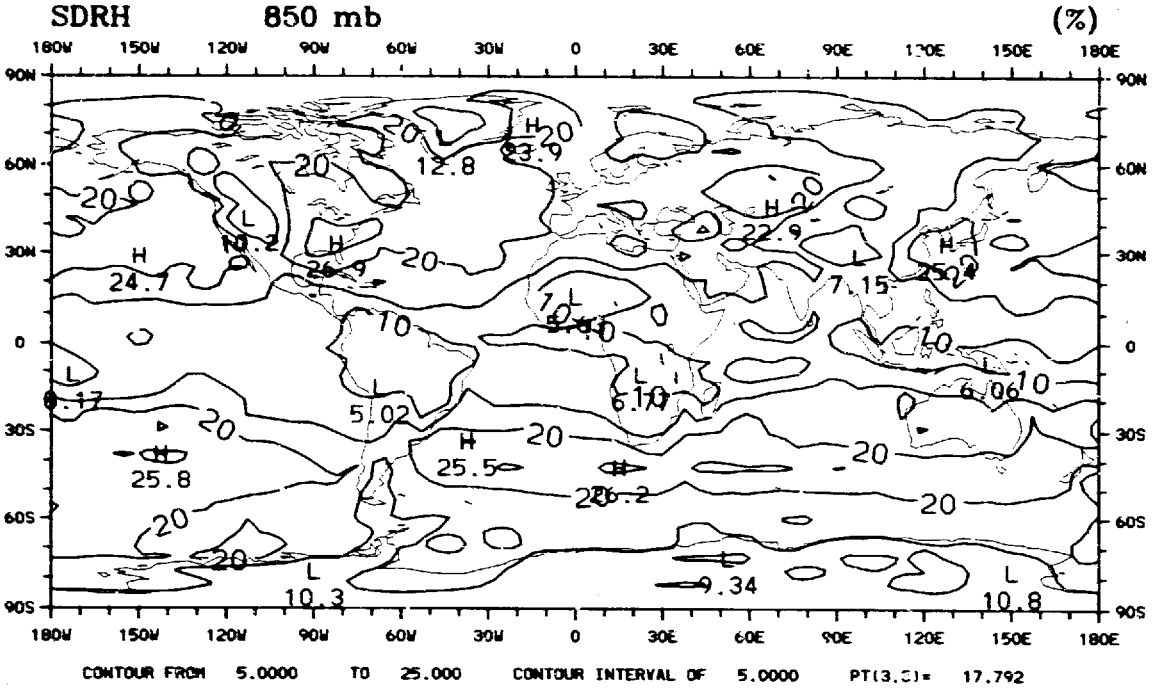
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.29979E-04 LABELS SCALED BY 10000.

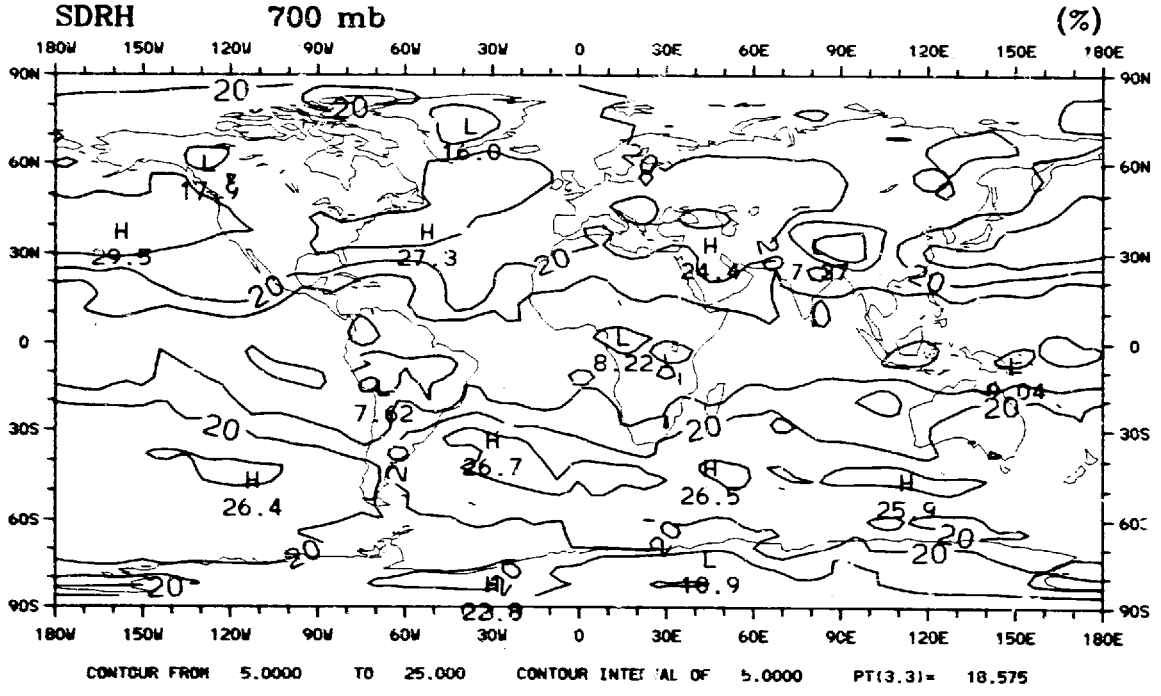
FRAME 2.37

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



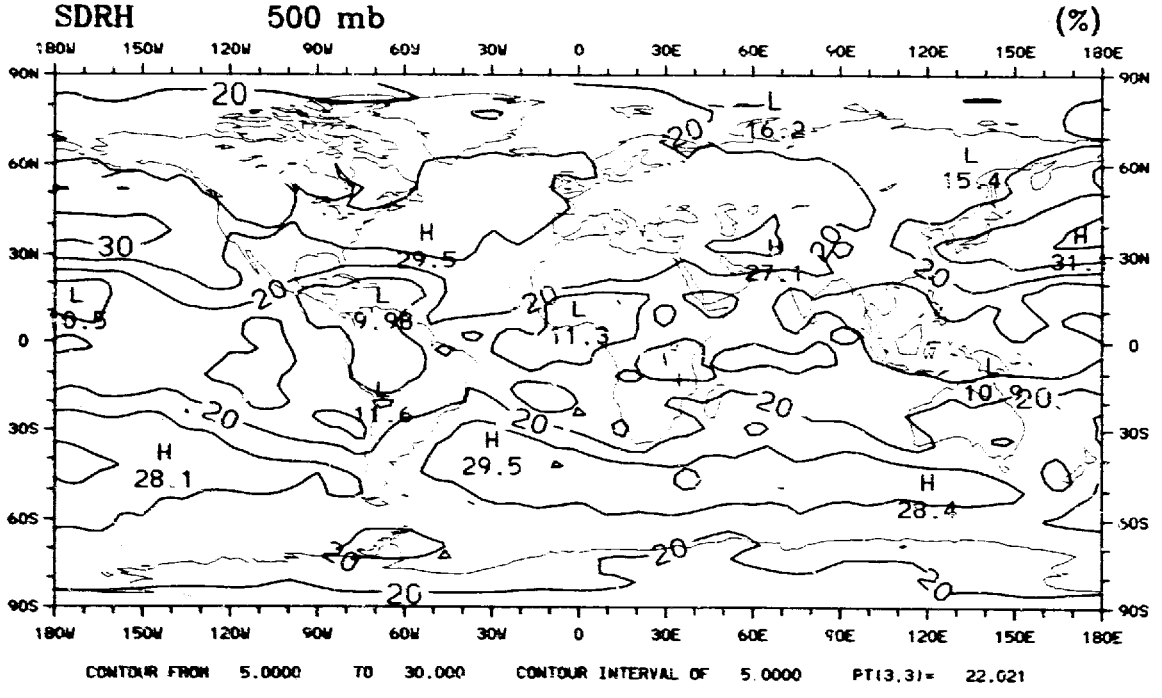

FRAME 2.38

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



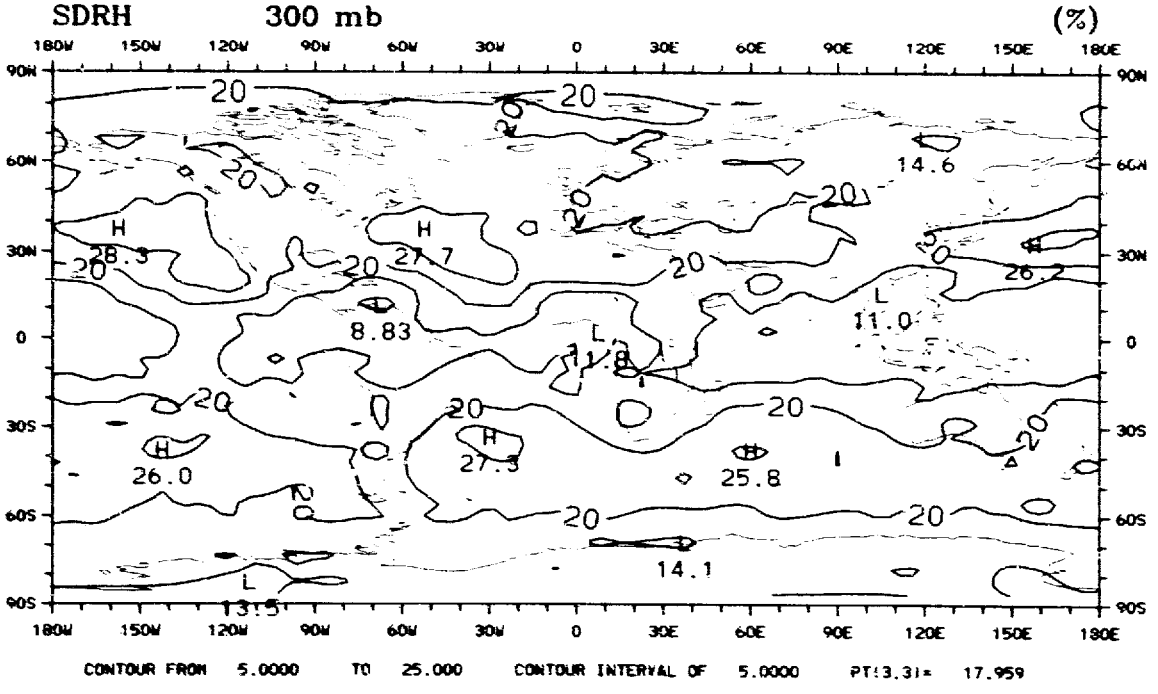

FRAME 2.39

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



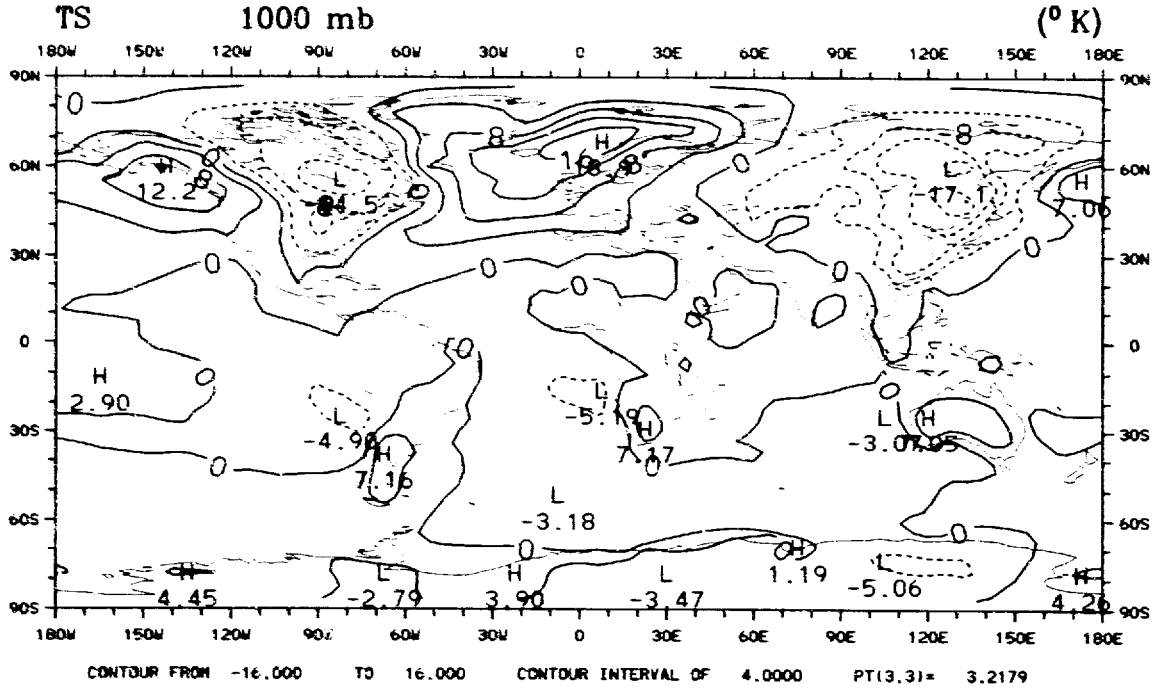

FRAME 2.60

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



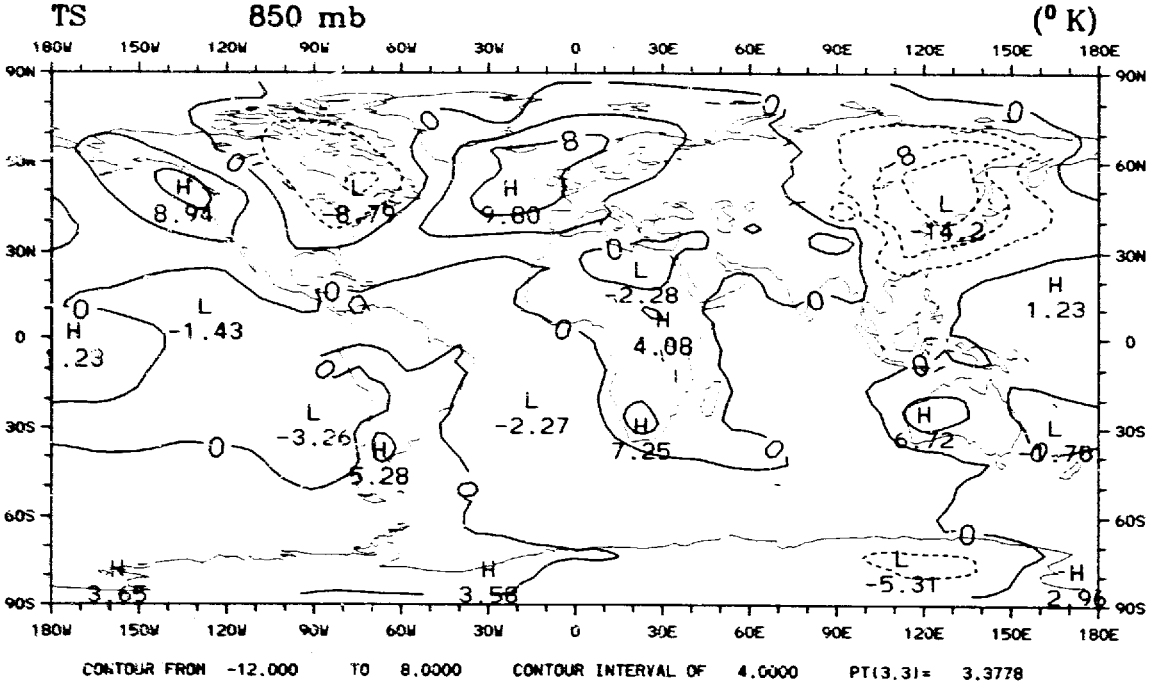

FRAME 2.41

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



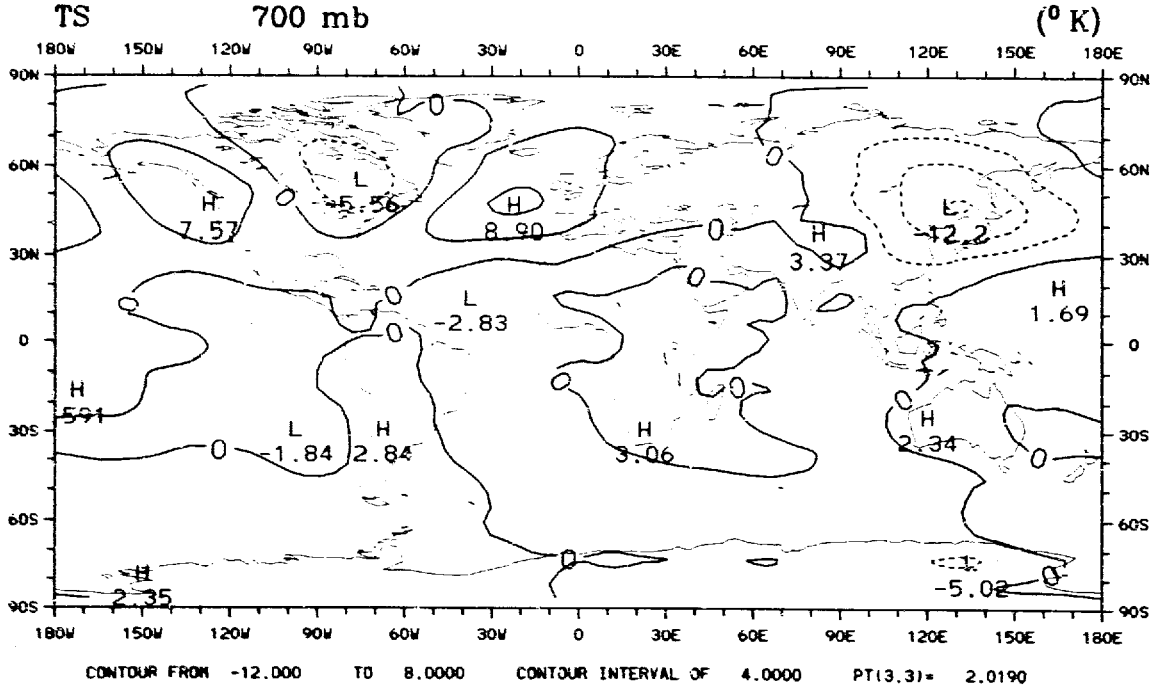

FRAME 2.42

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



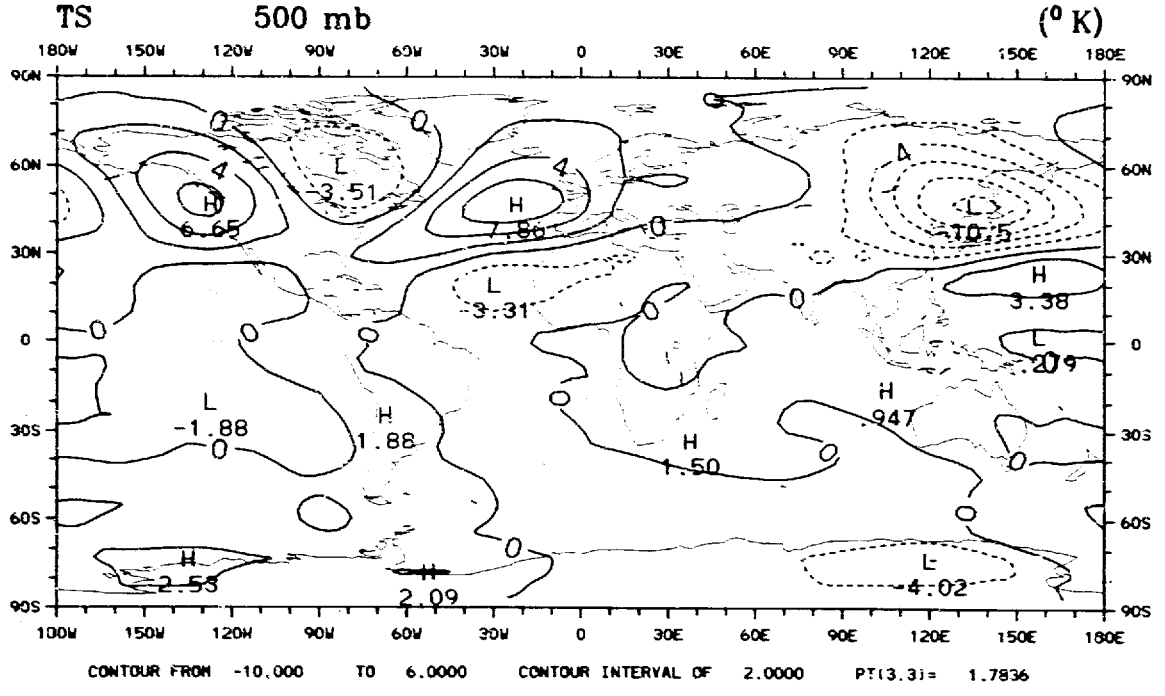

FRAME 2.43

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



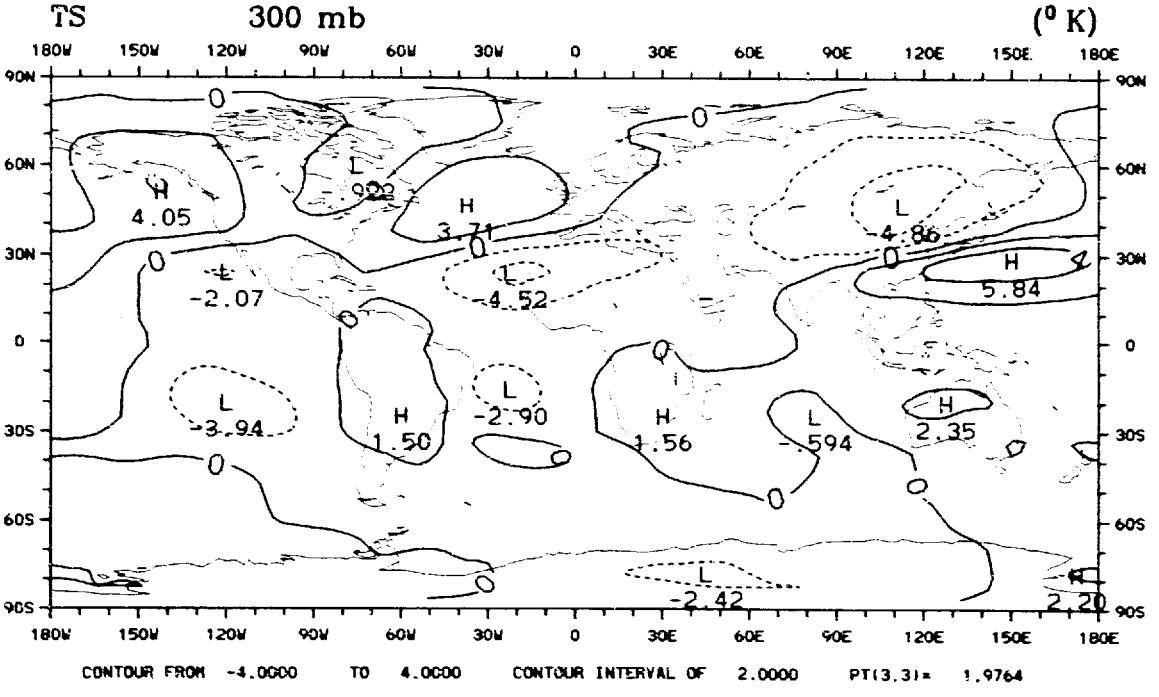

FRAME 2.44

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



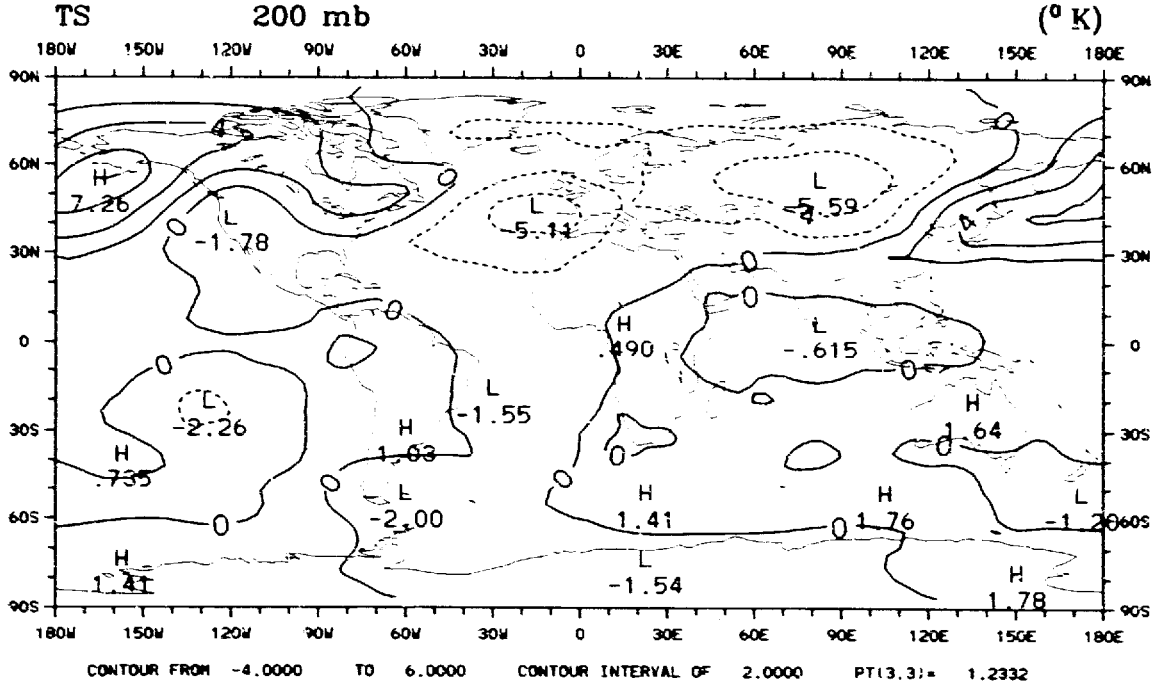

FRAME 2.45

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



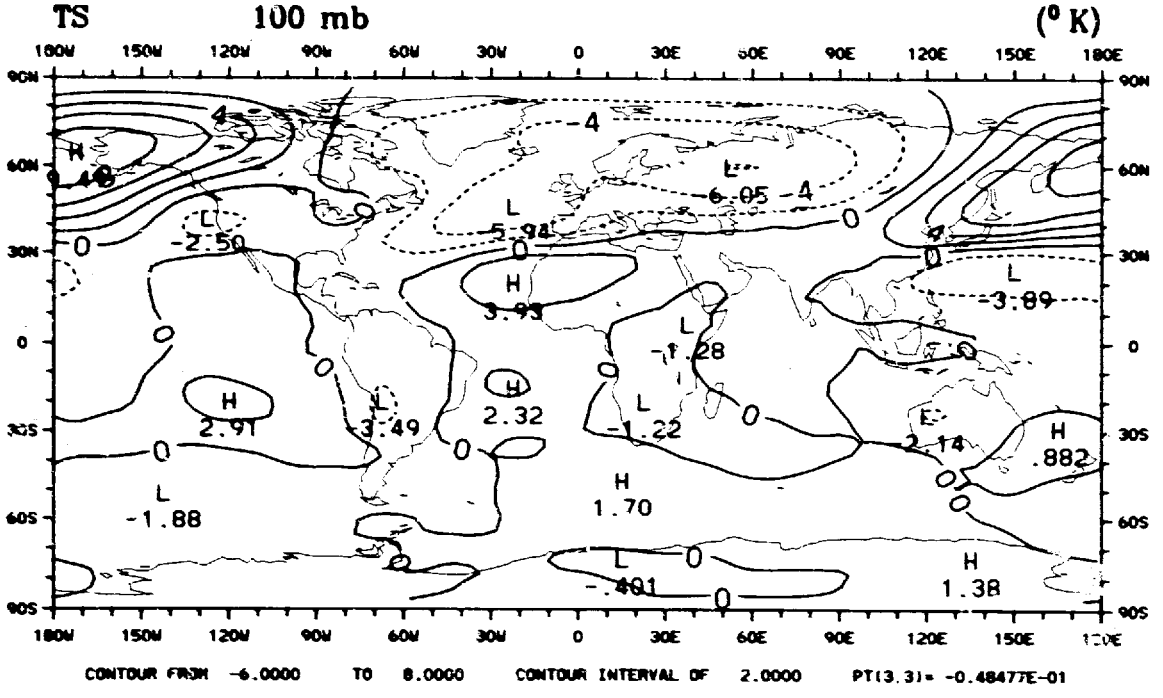

FRAME 2.46

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



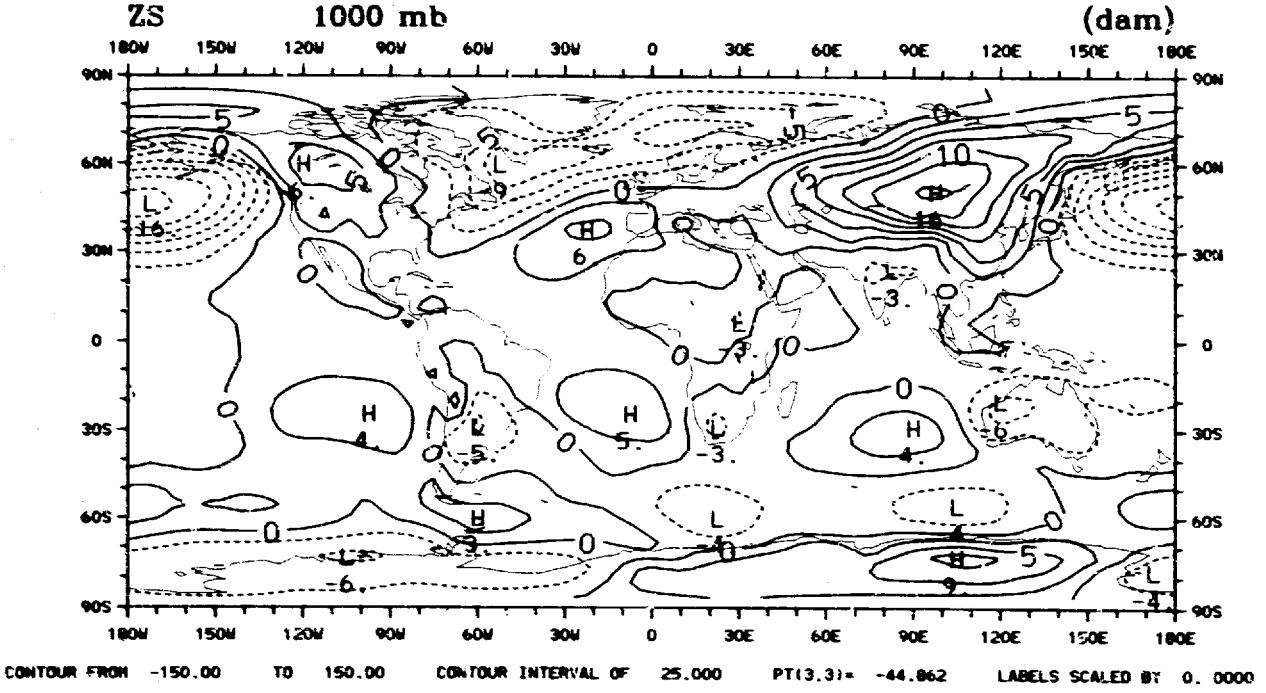

FRAME 2.47

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



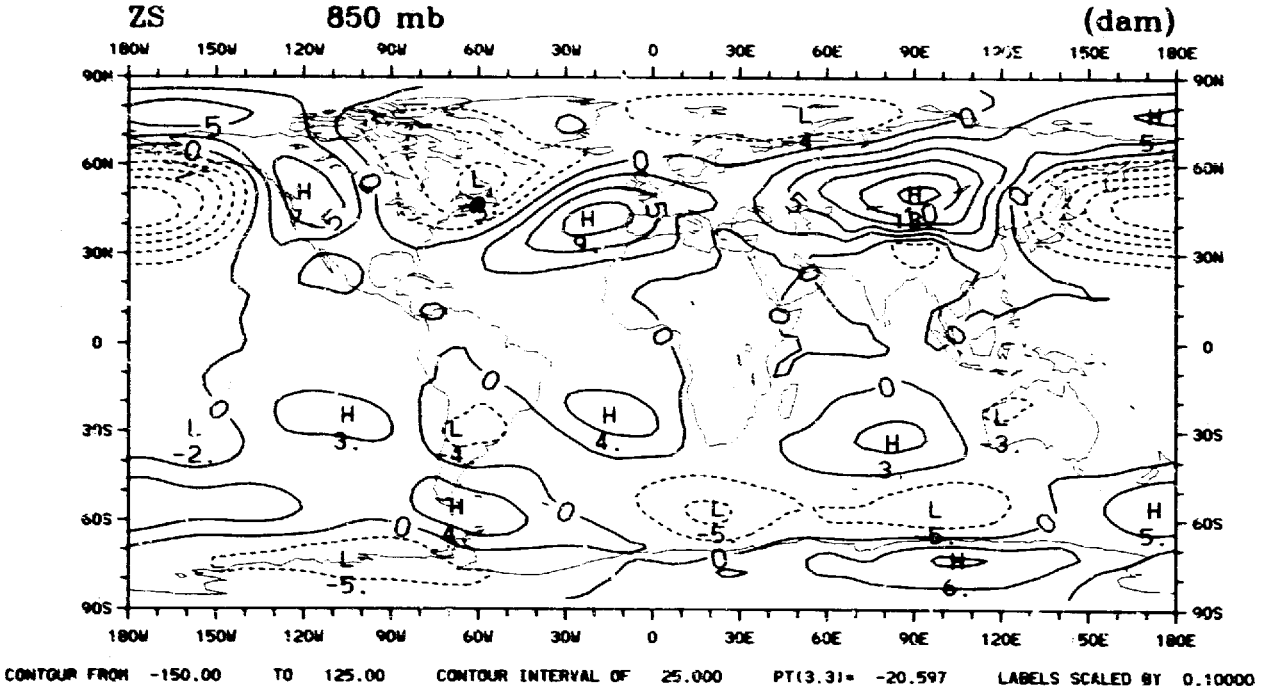

FRAME 2.48

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



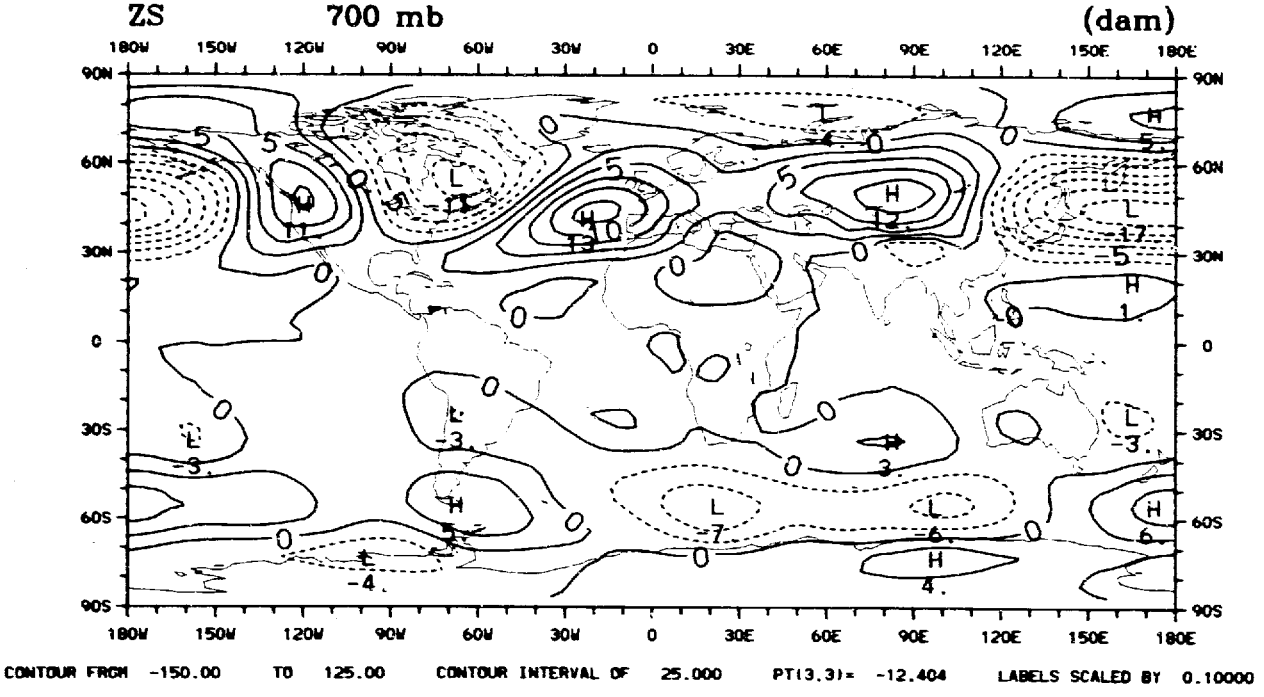

FRAME 2.49

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



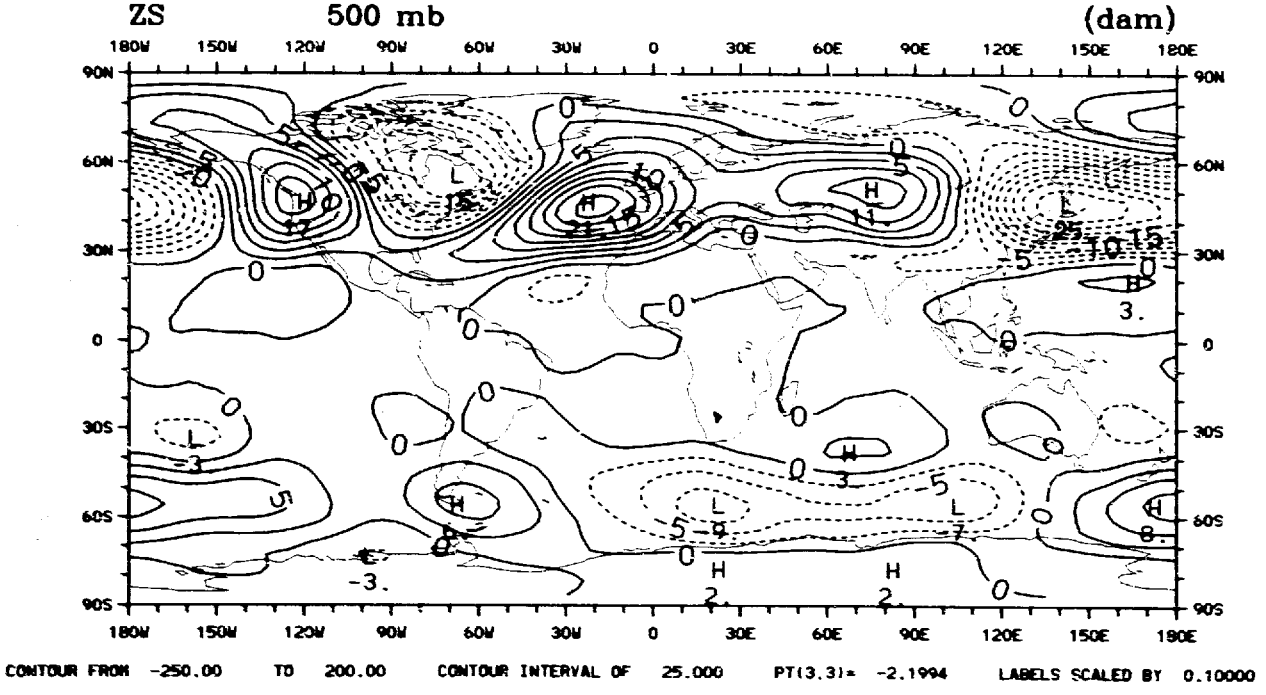

FRAME 2.50

EC R:5 JANUARY (ENSEMBLE AVERAGE 1979–1986)



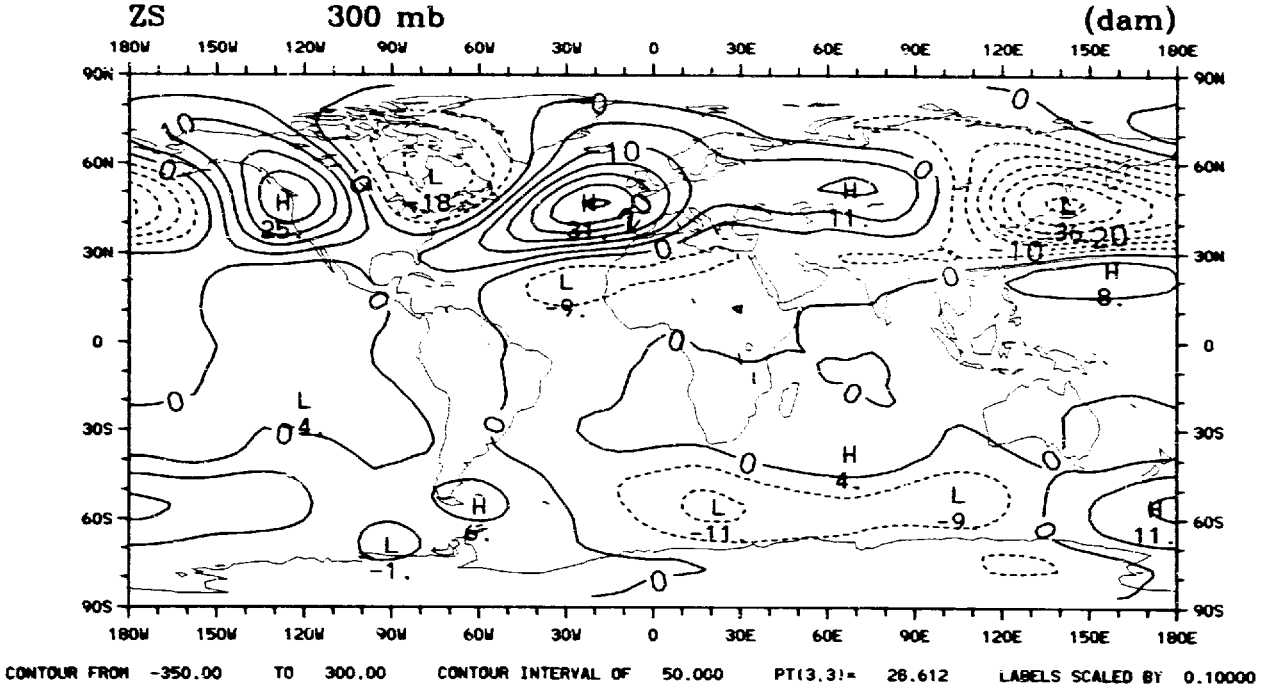

FRAME 2.51

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



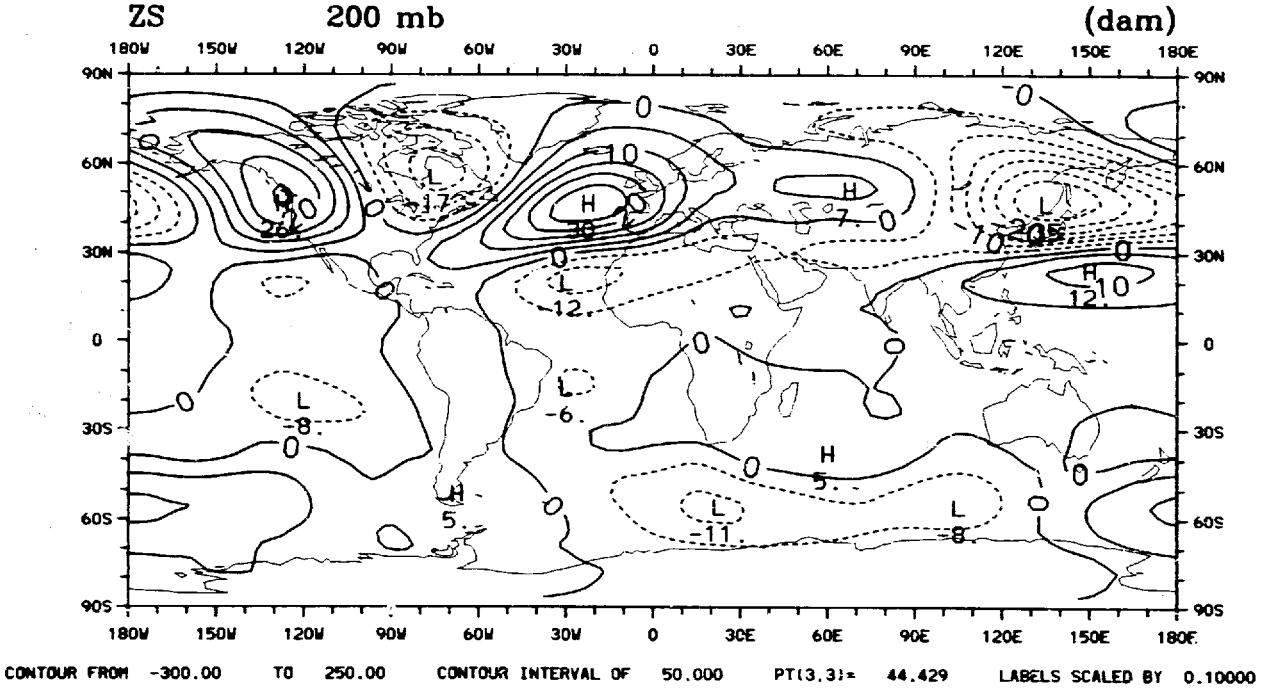

FRAME 2.52

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)



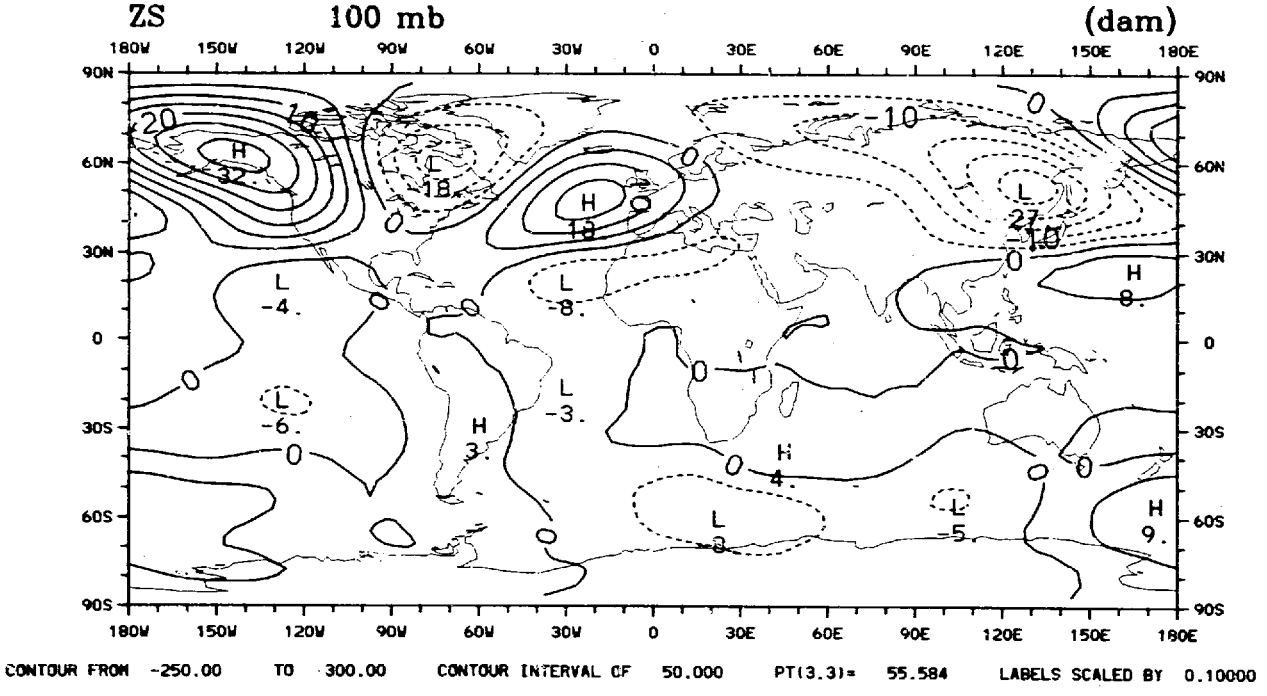

FRAME 2.53

# EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.54

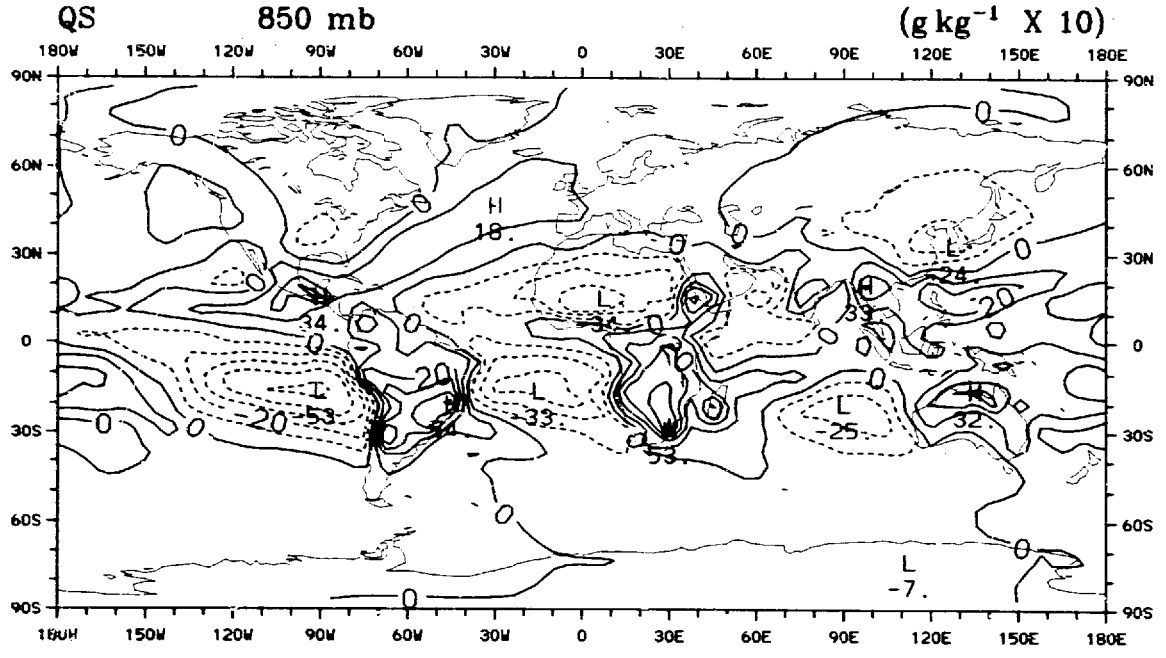
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM -250.00 TO 300.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 55.584 LABELS SCALED BY 0.10000

FRAME 2.55

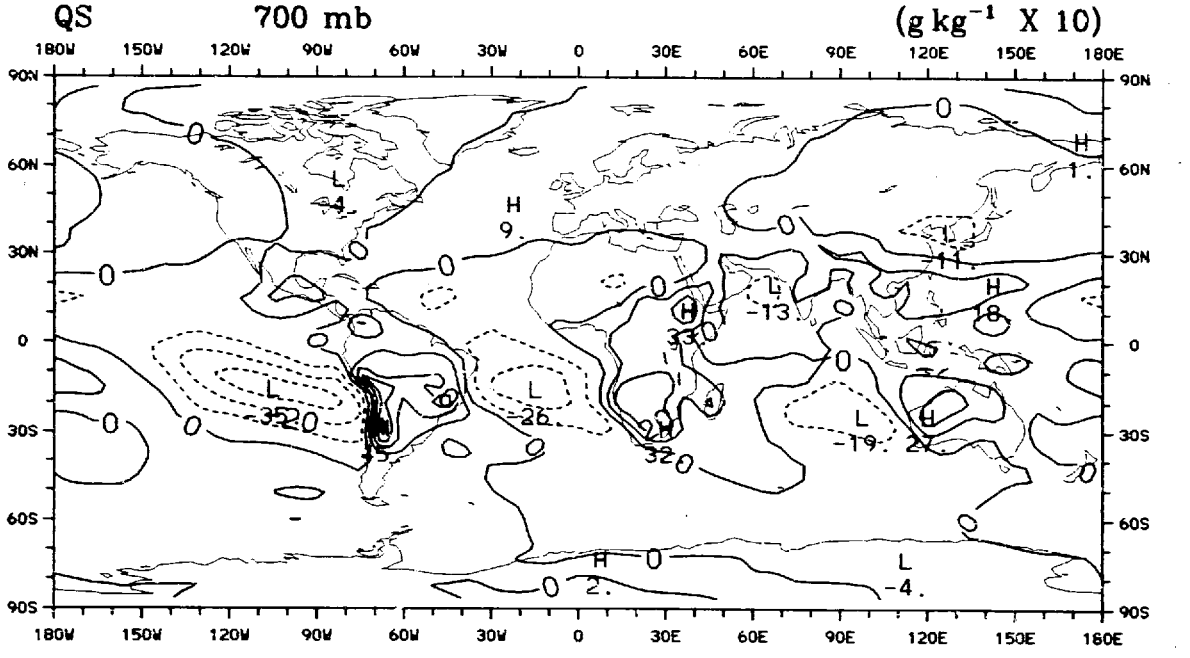
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.17340E-03 LABELS SCALED BY 10000.

FRAME 2.56

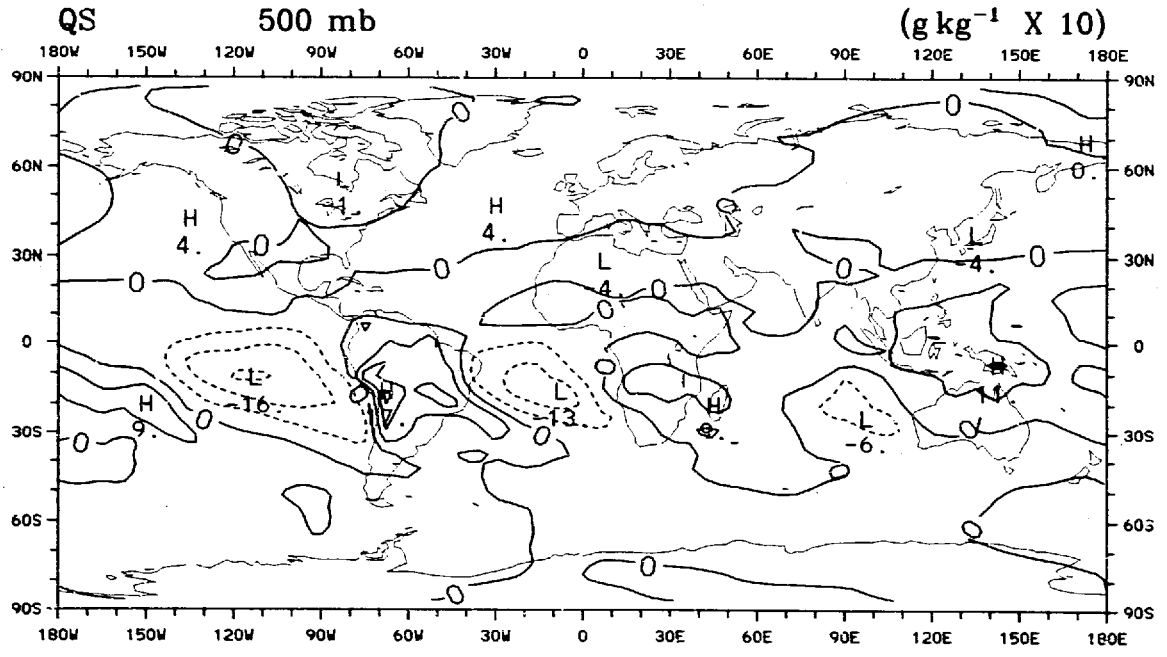
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.69490E-04 LABELS SCALED BY 10000.

FRAME 2.57

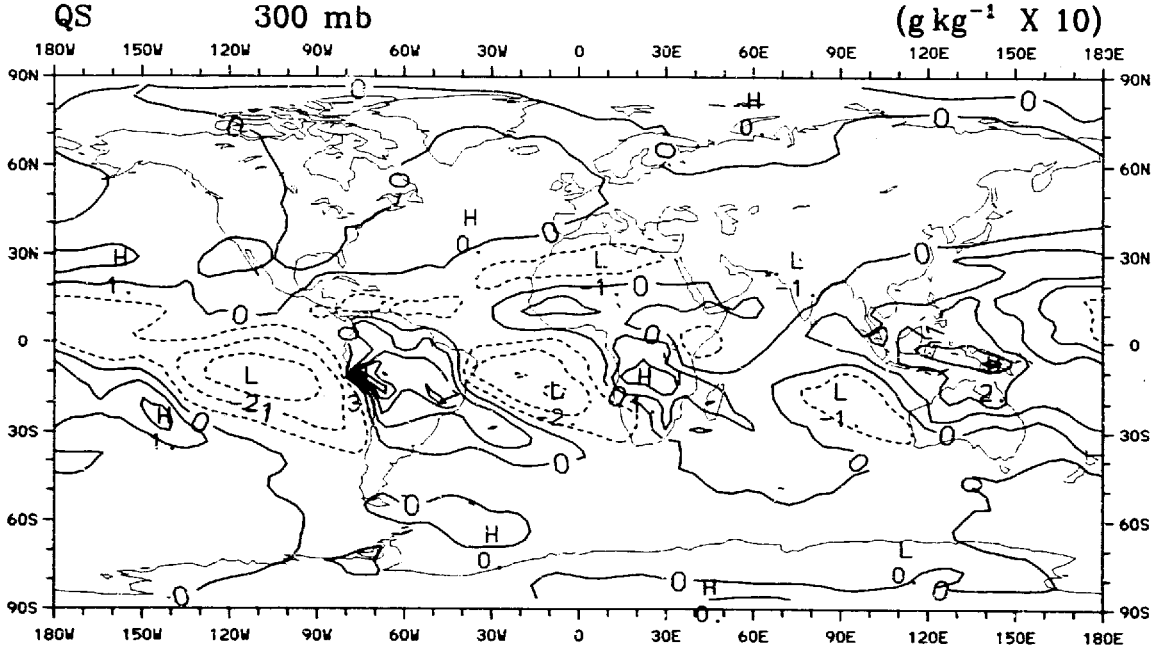
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.15000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.41699E-04 LABELS SCALED BY 10000.

FRAME 2.58

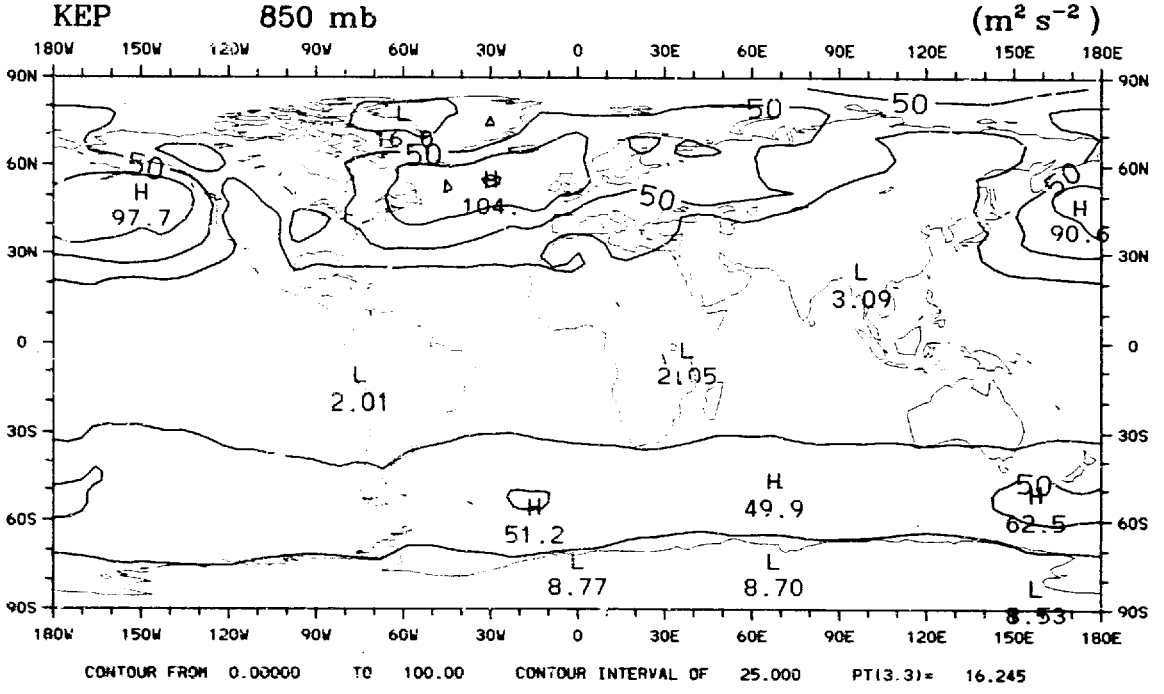
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000E-03 TO 0.25000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.85931E-05 LABELS SCALED BY 10000.

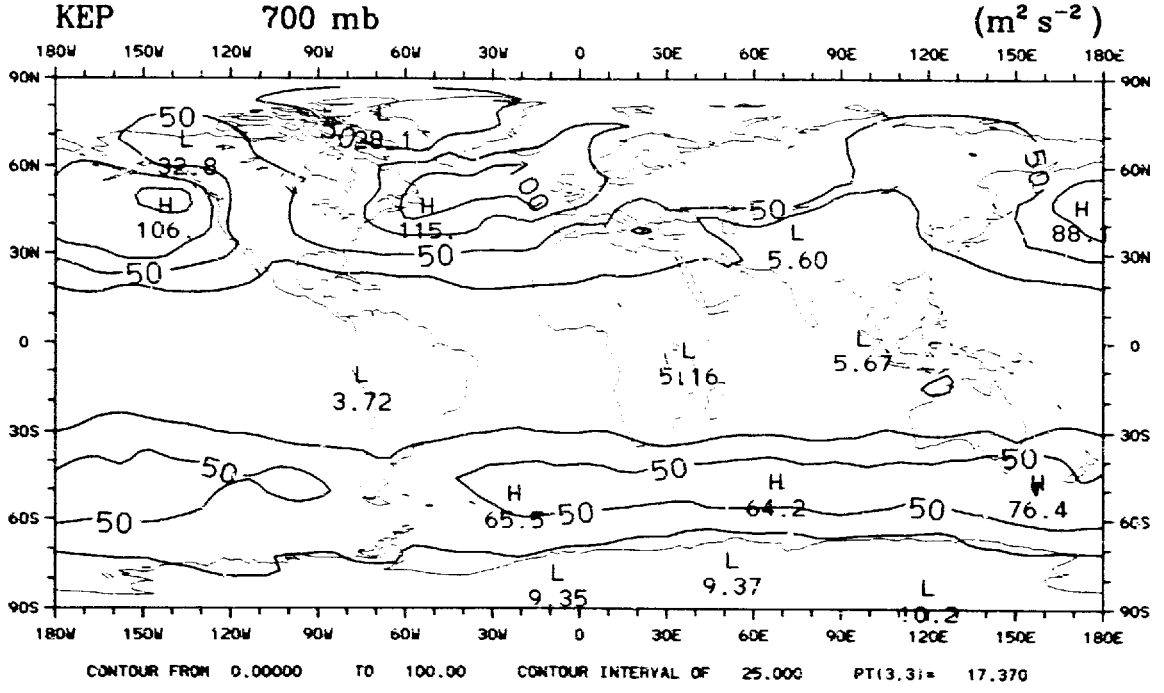
FRAME 2.59

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



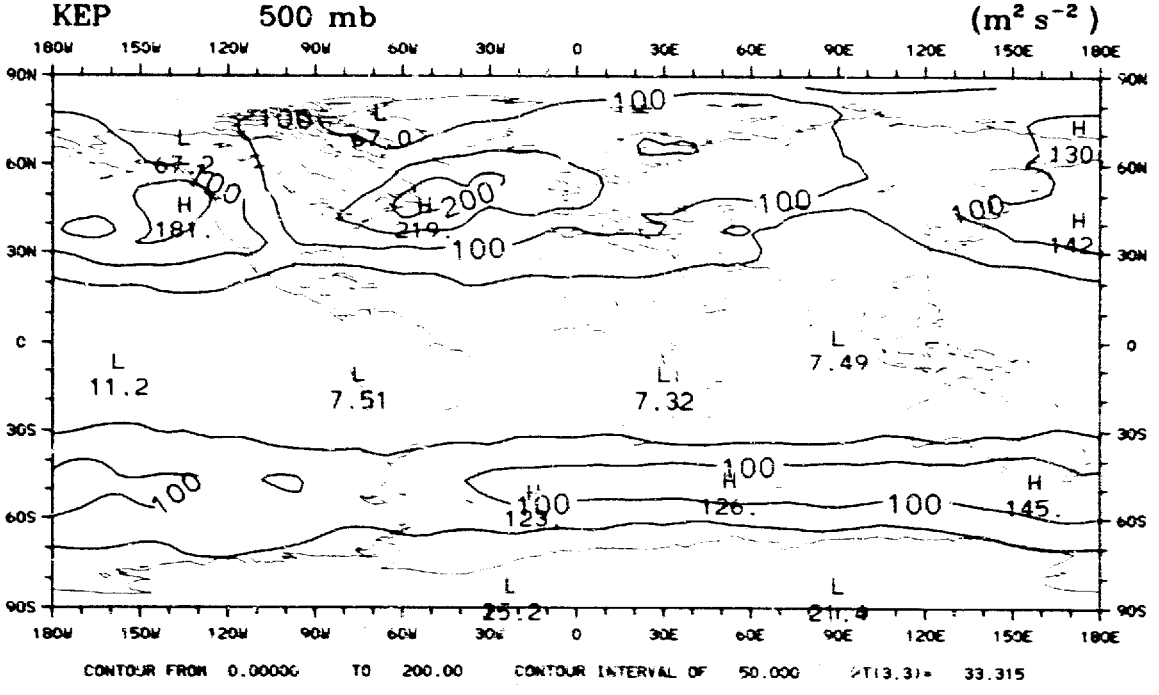

FRAME 2.60

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)



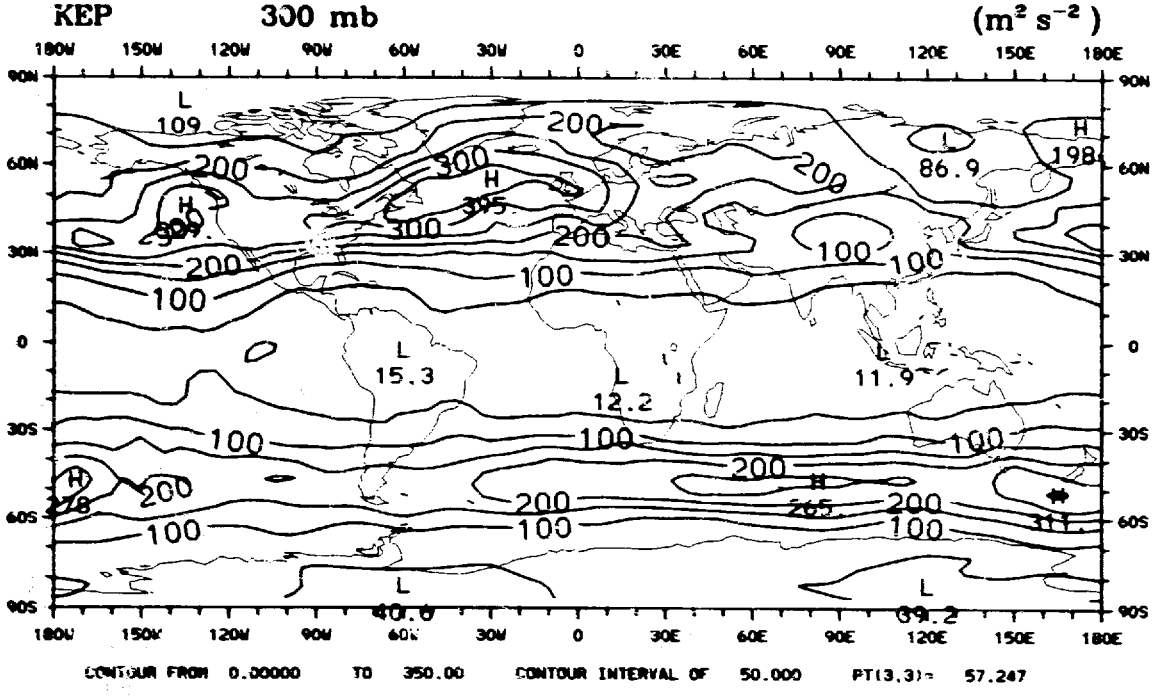

FRAME 2.61

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



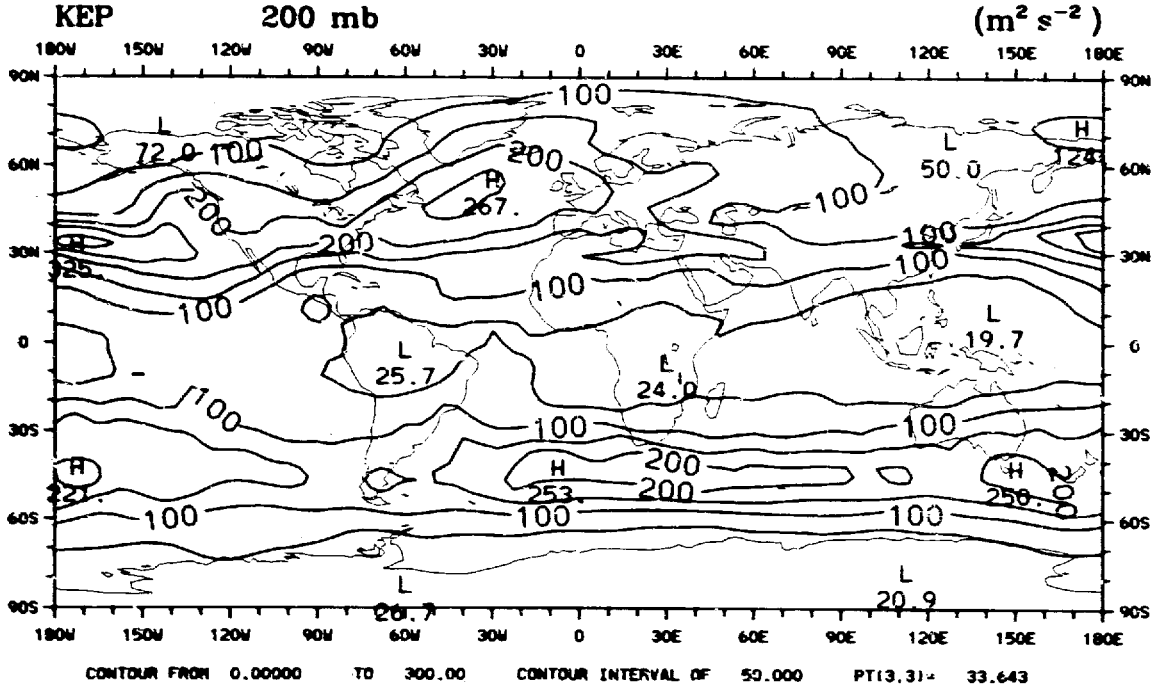

FRAME 2.62

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)



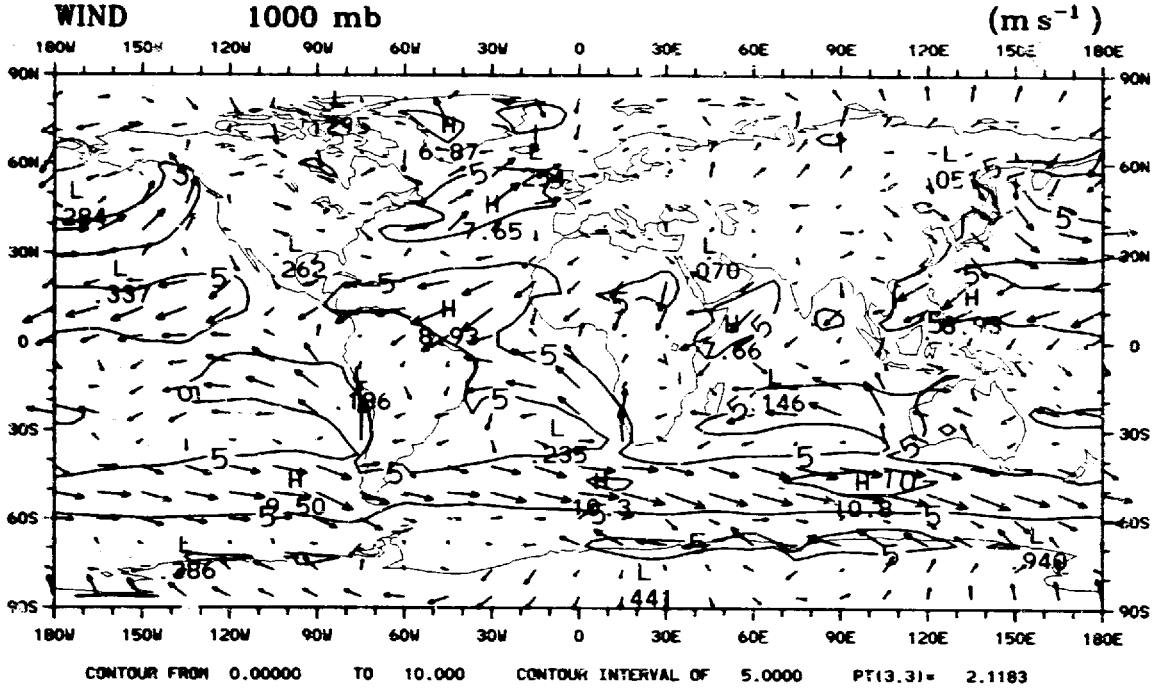

FRAME 2.63

## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.64

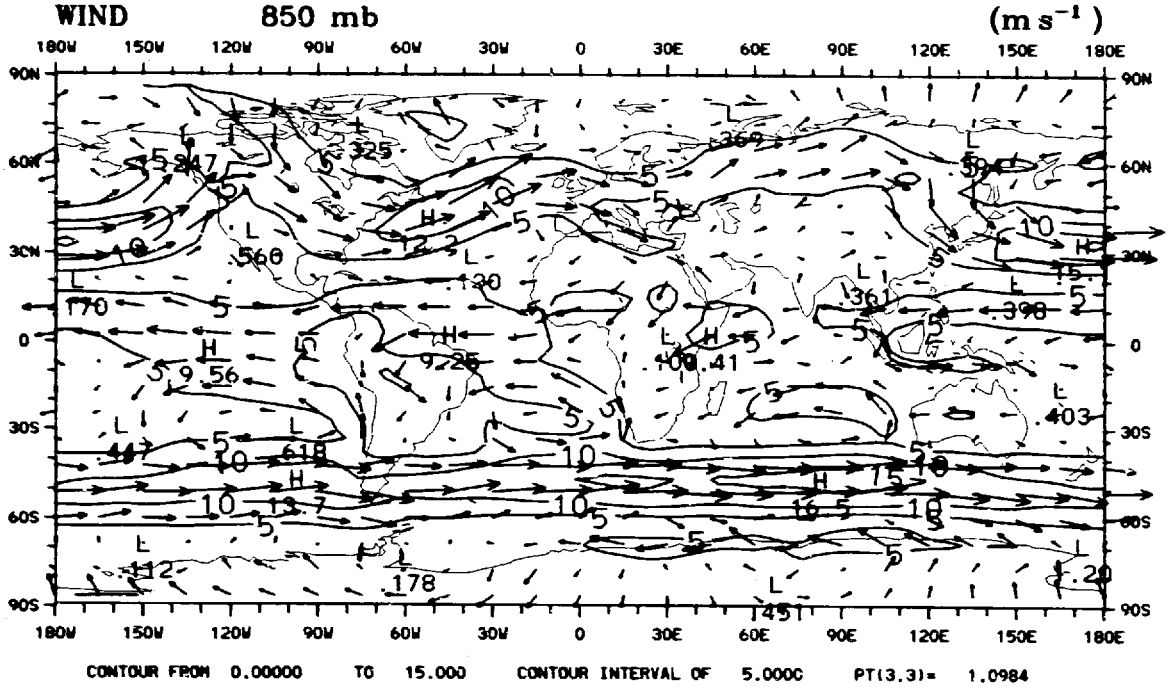
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

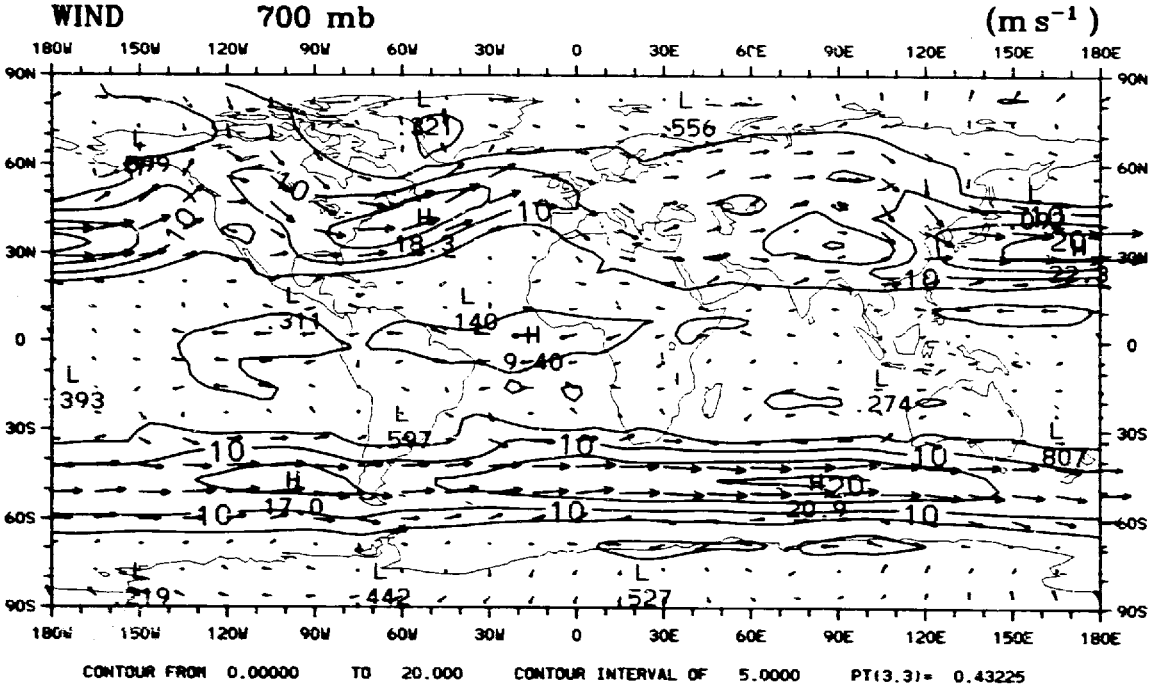
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.66

0.100E+02 →
SCALING VECTOR

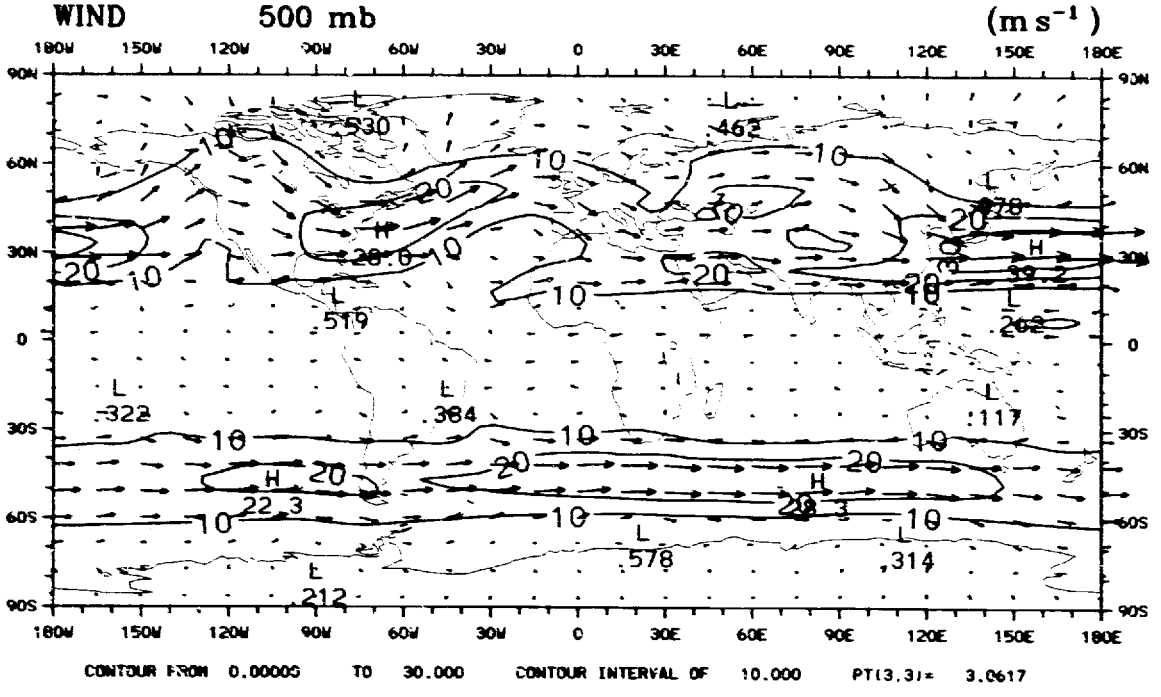
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.200E+02 →
SCALING VECTOR

FRAME 2.67

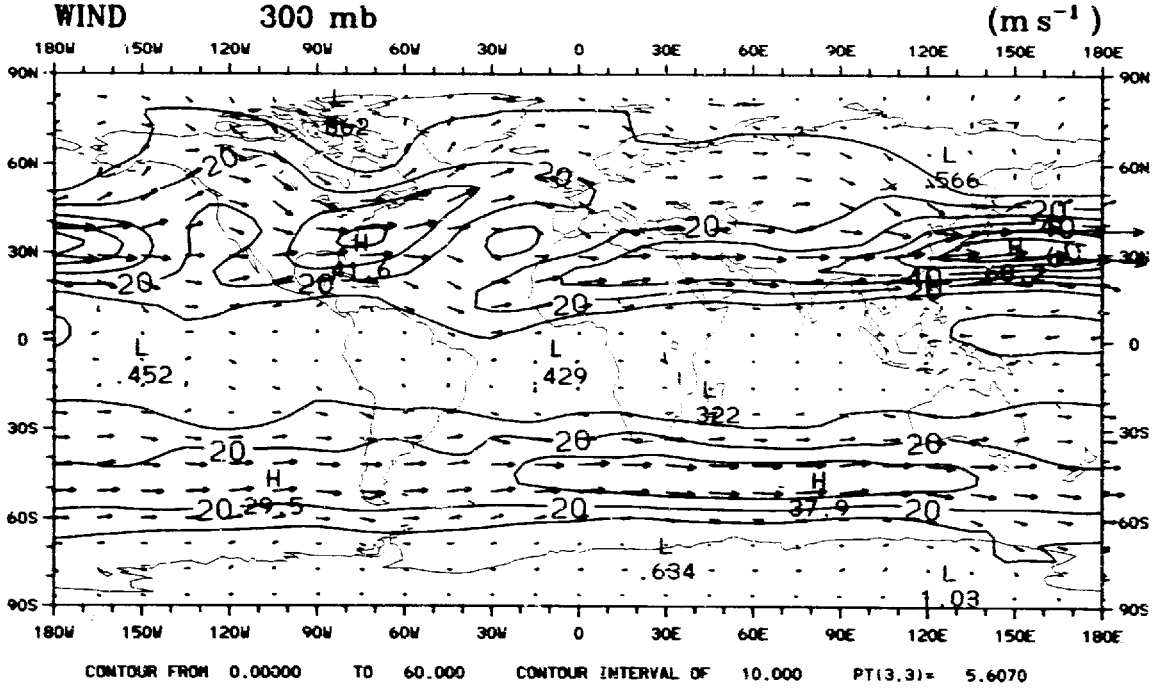
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.68

0.300E+02 →
SCALING VECTOR

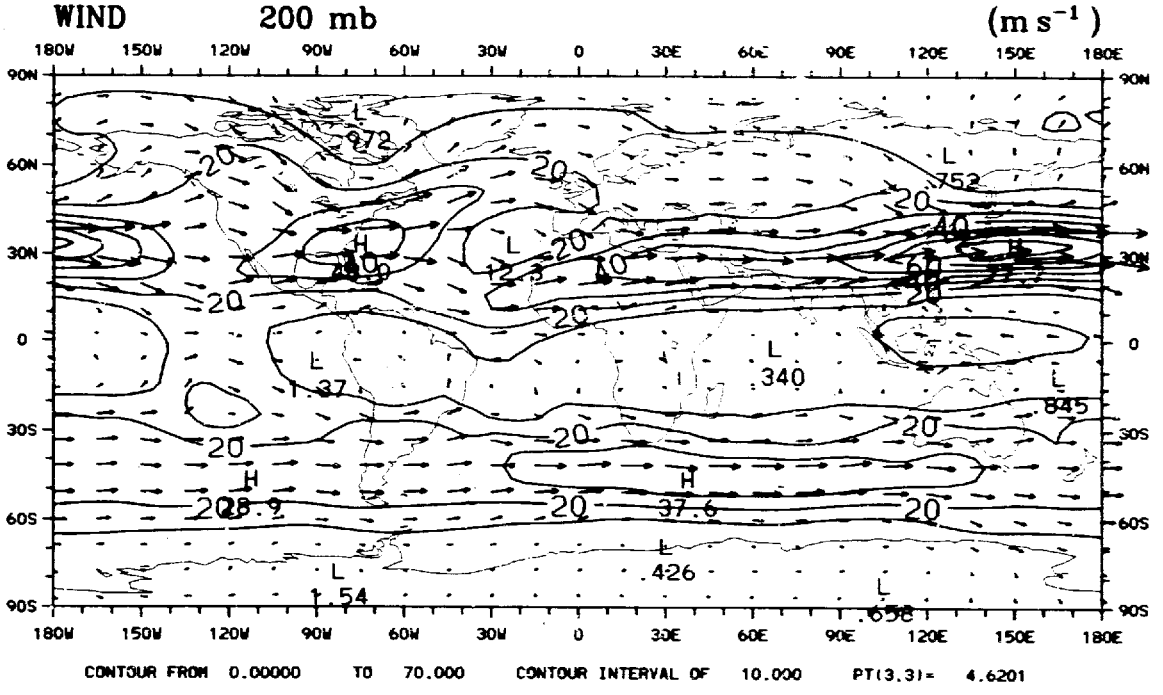
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.69

0.500E+02 →
SCALING VECTOR

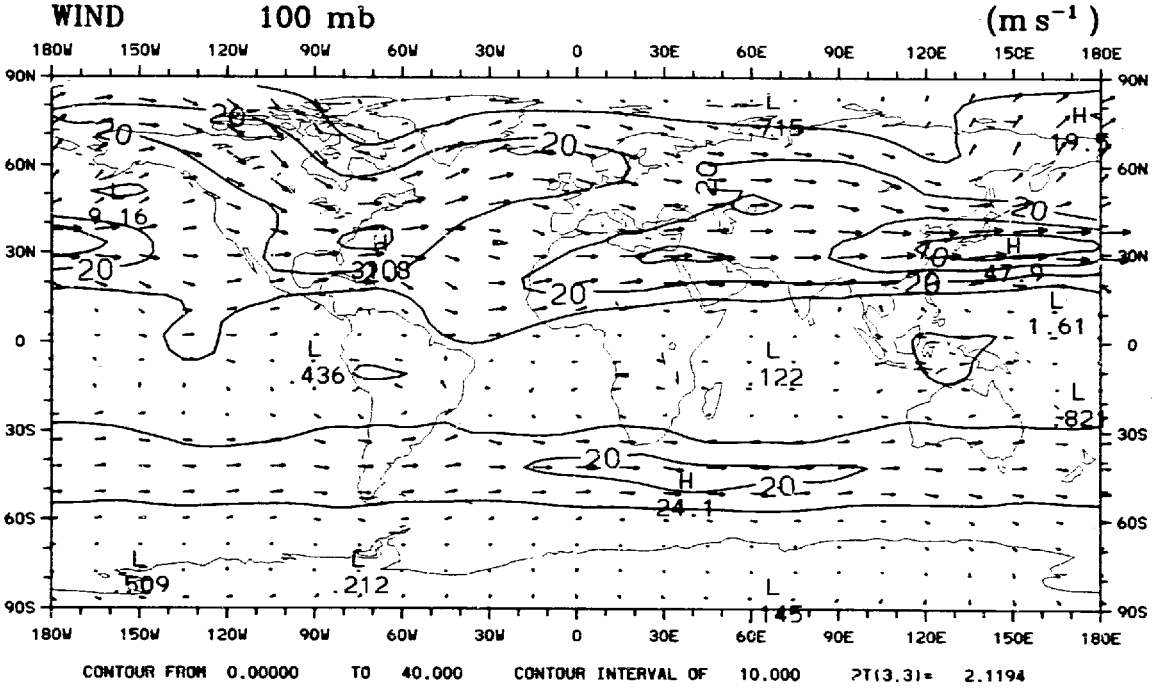
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.70

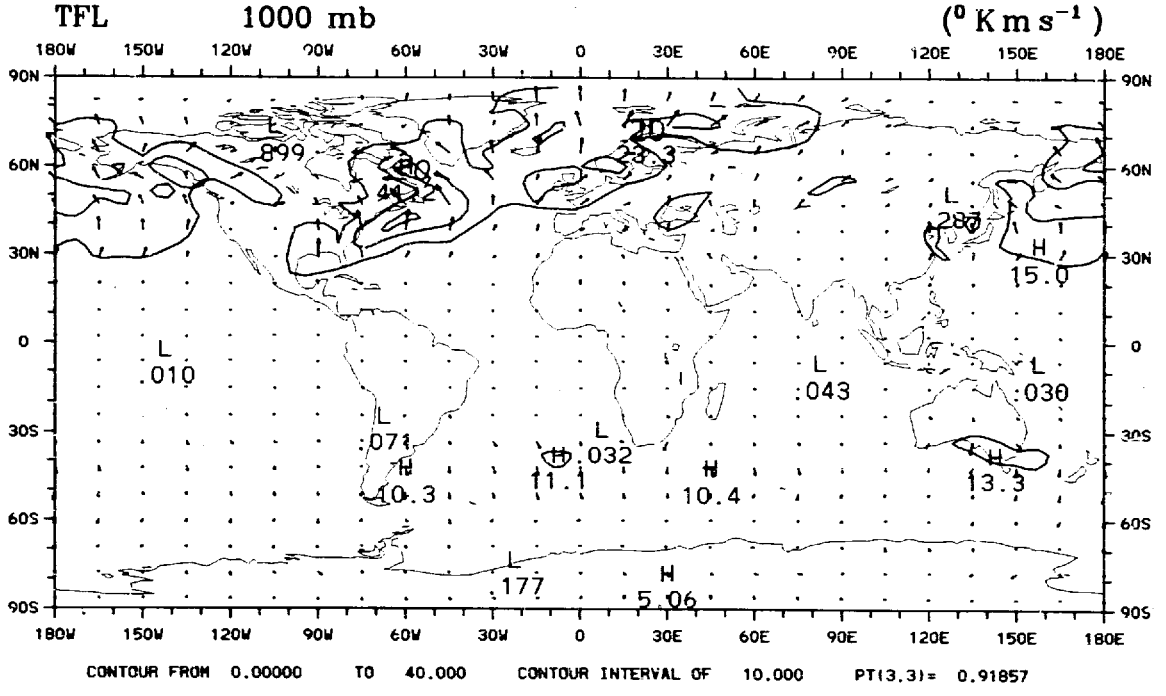
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

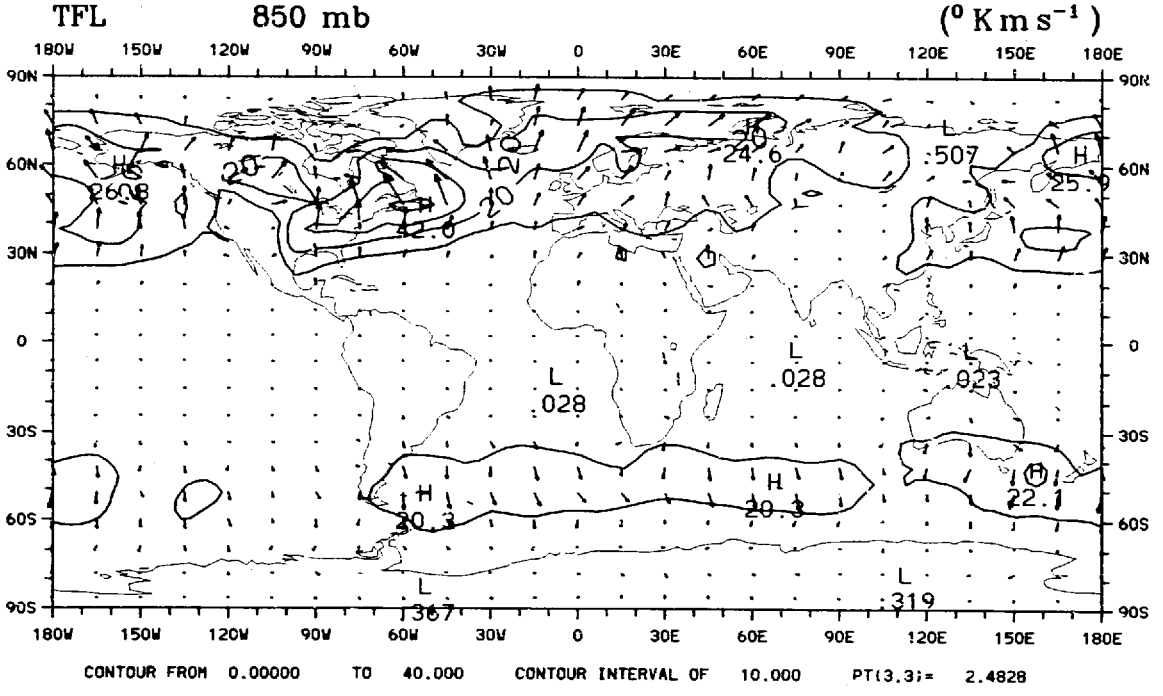
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

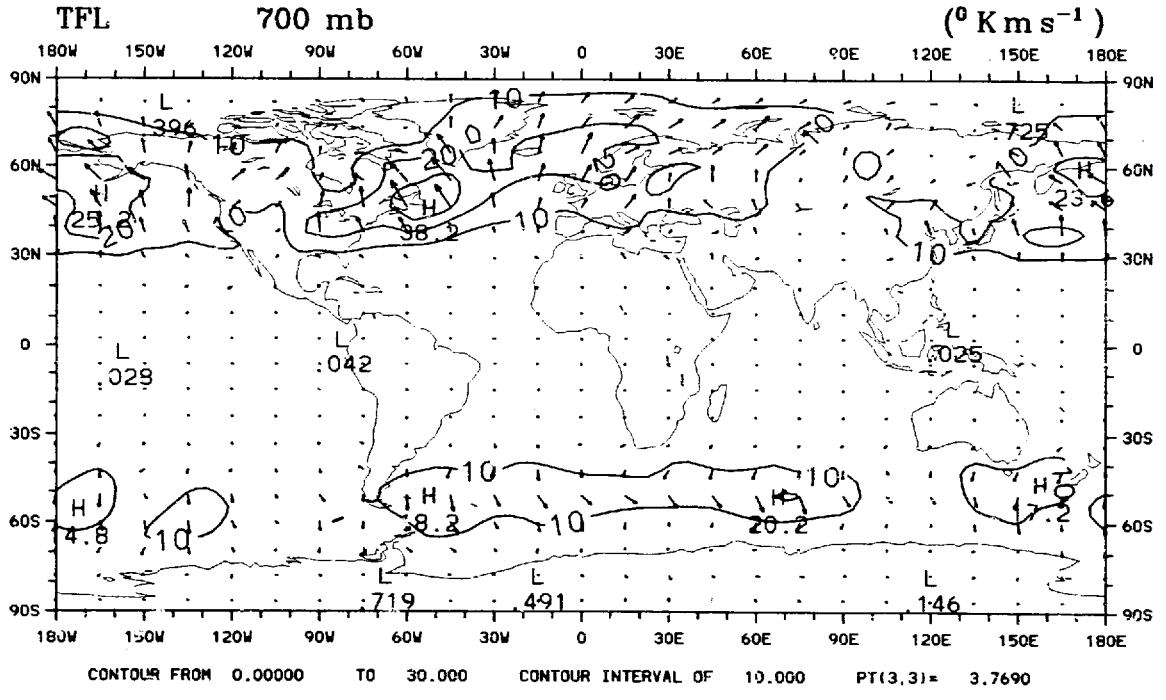
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.73

0.500E+02 →
SCALING VECTOR

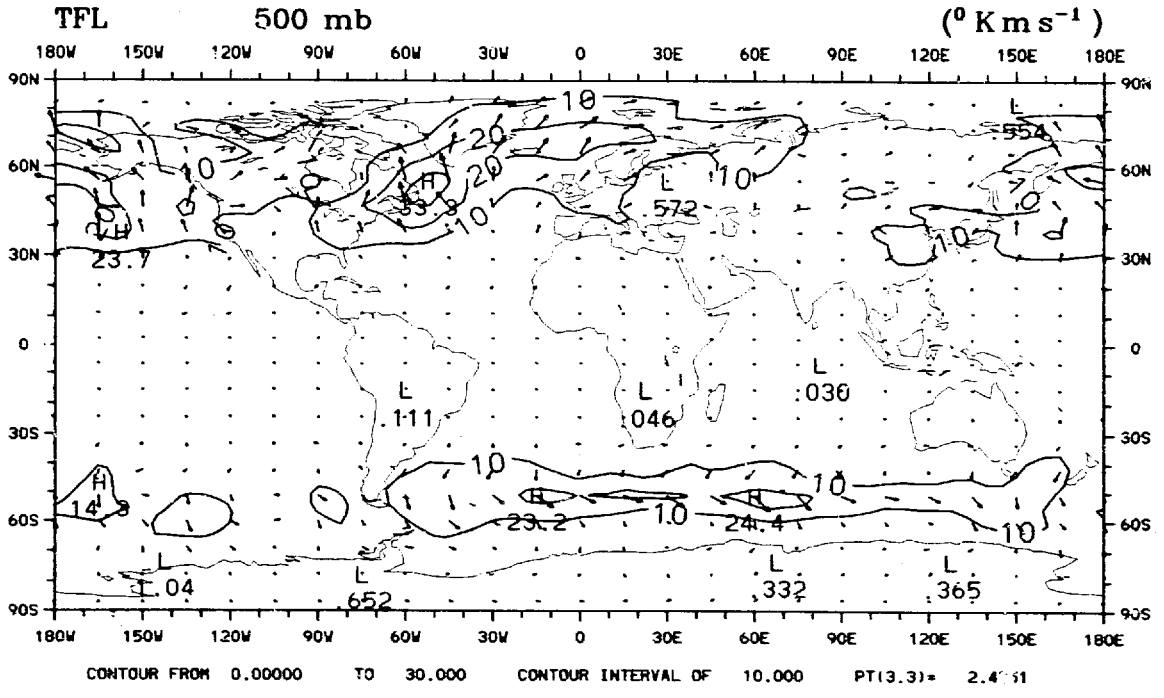
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




C.500E+02 →
SCALING VECTOR

FRAME 2.74

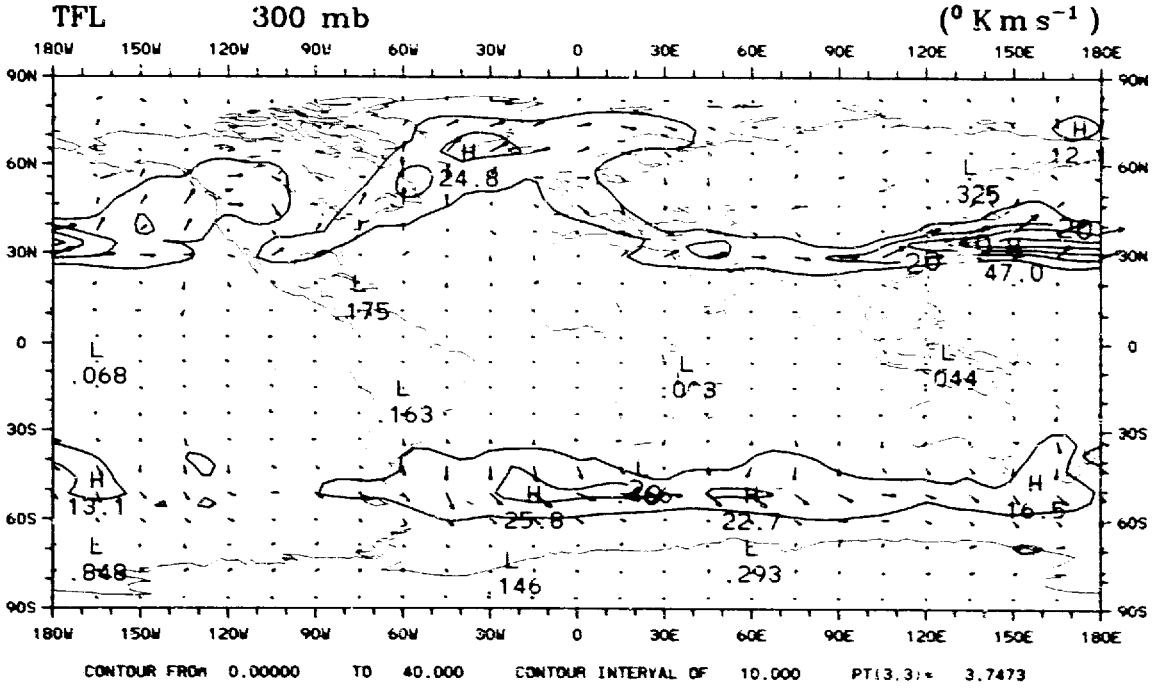
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

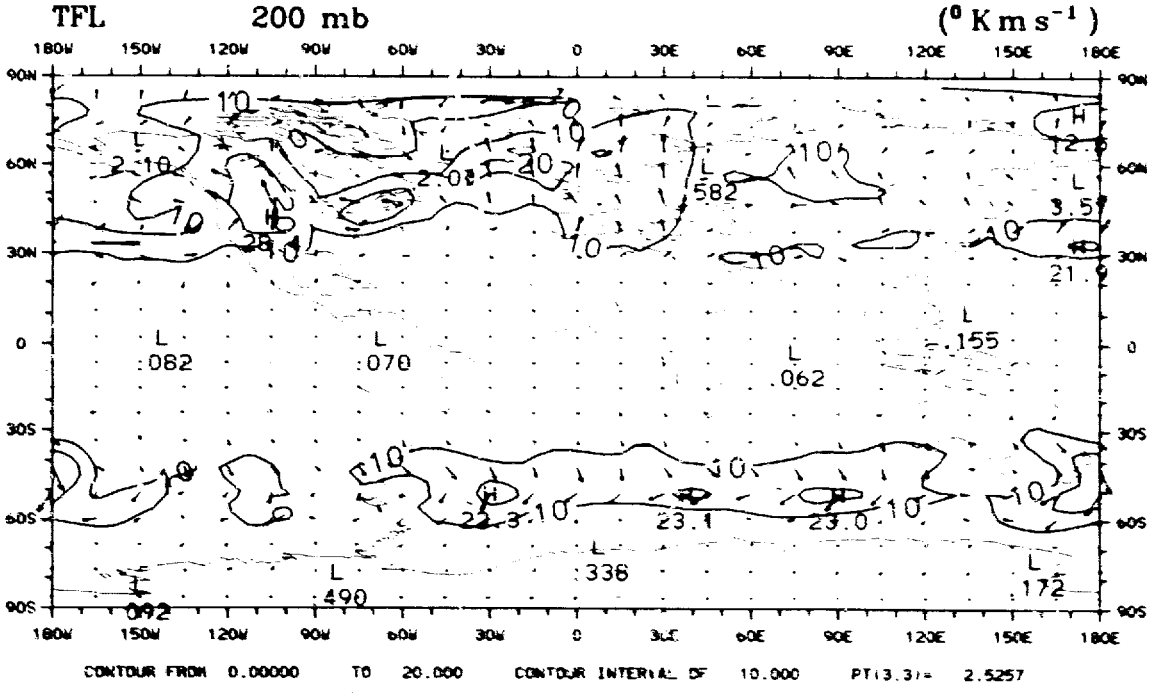
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

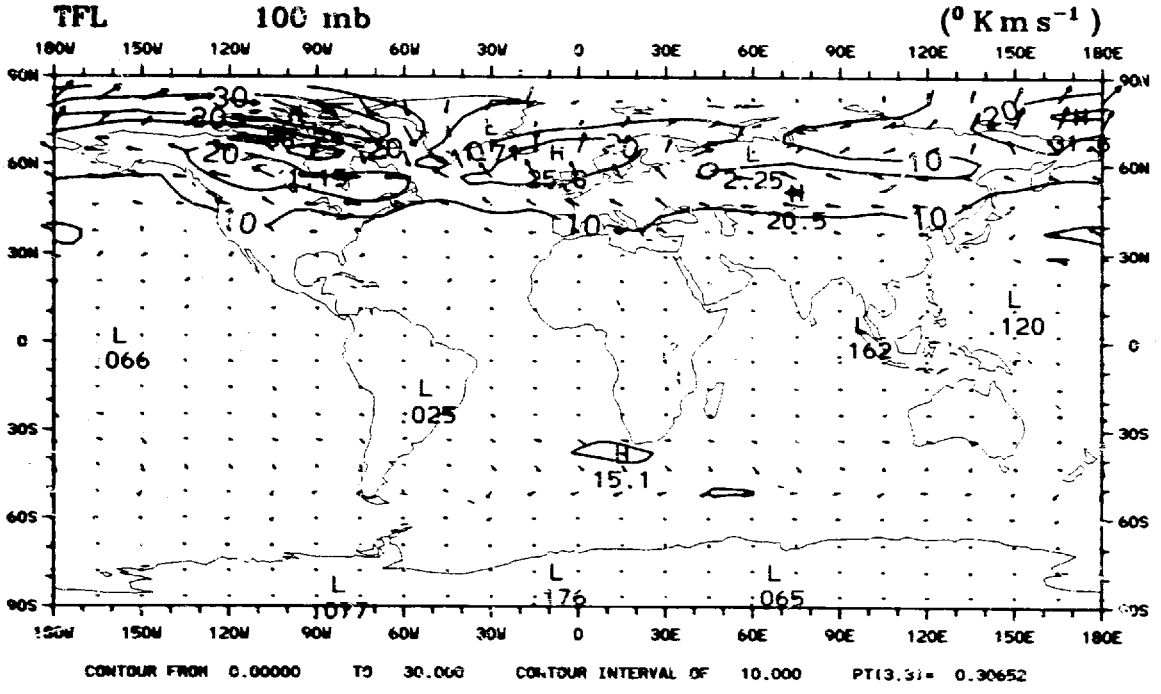
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

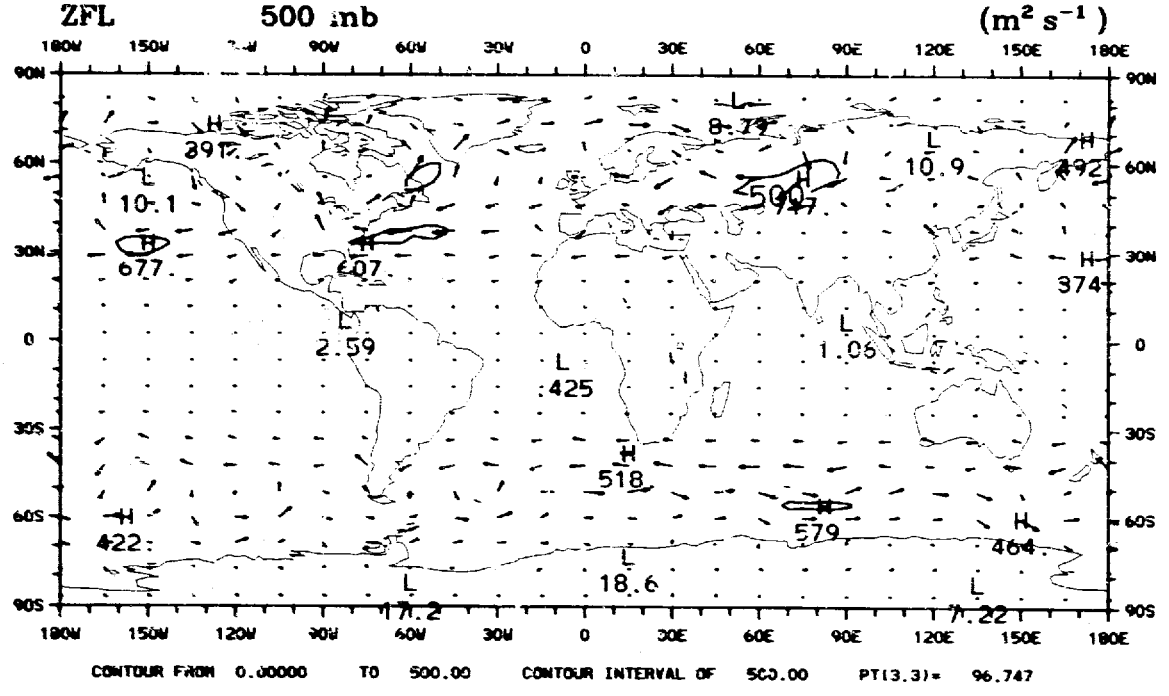
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

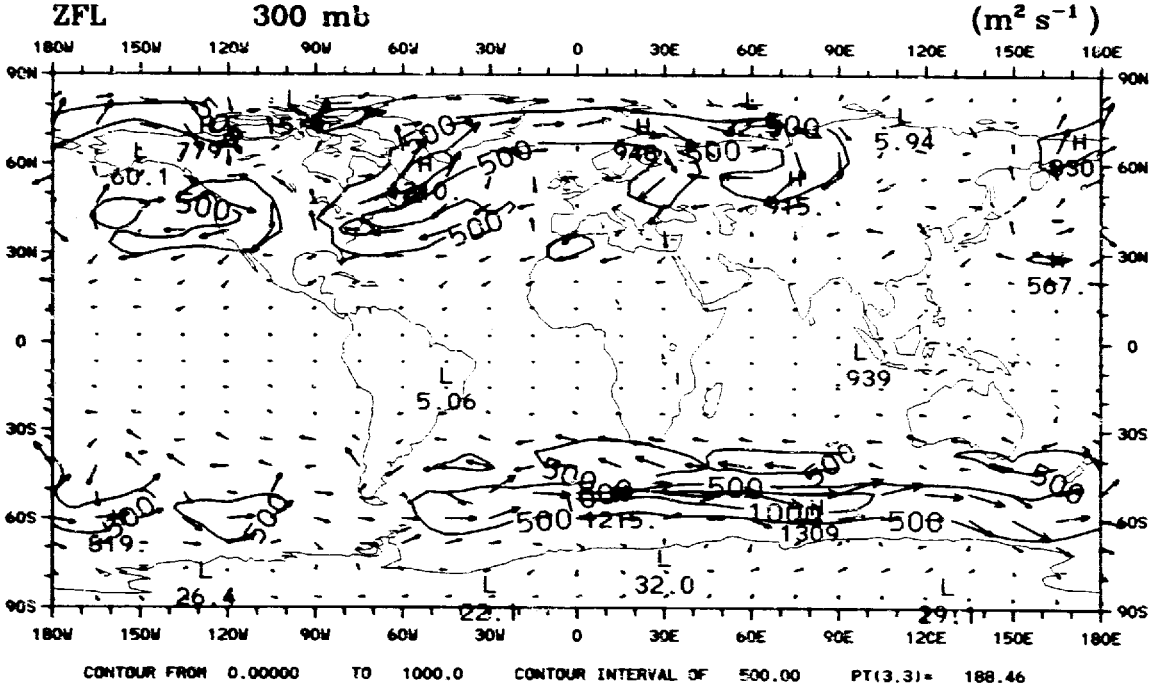
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.79

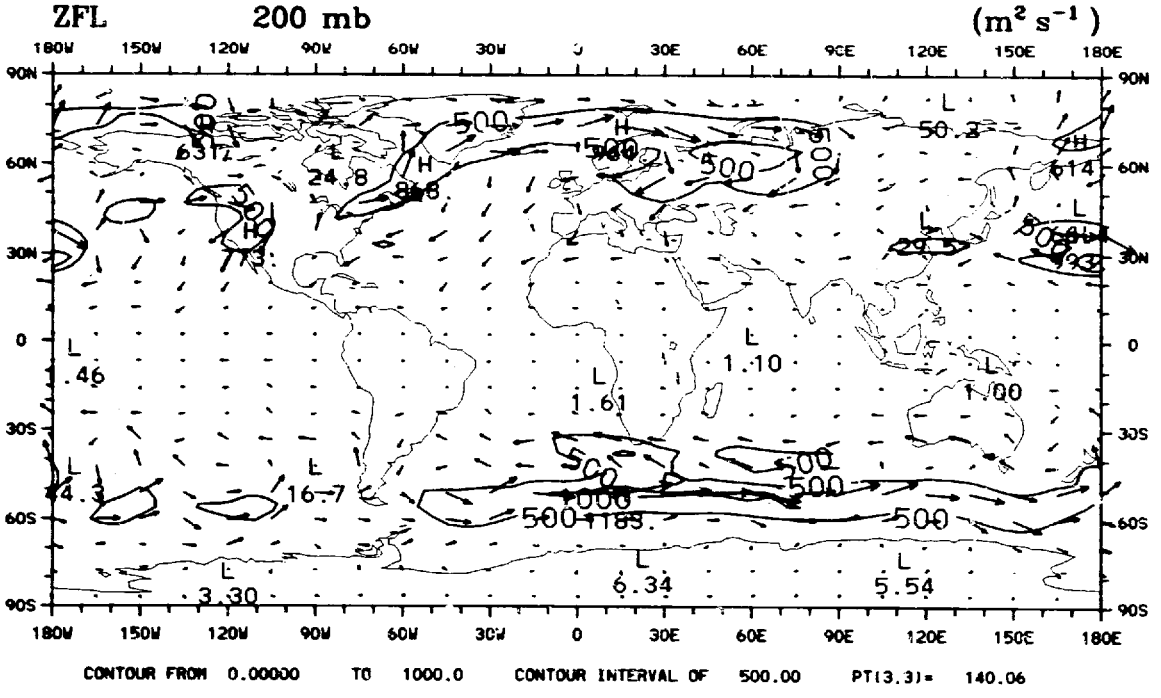
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.80

0.100E+04 →
SCALING VECTOR

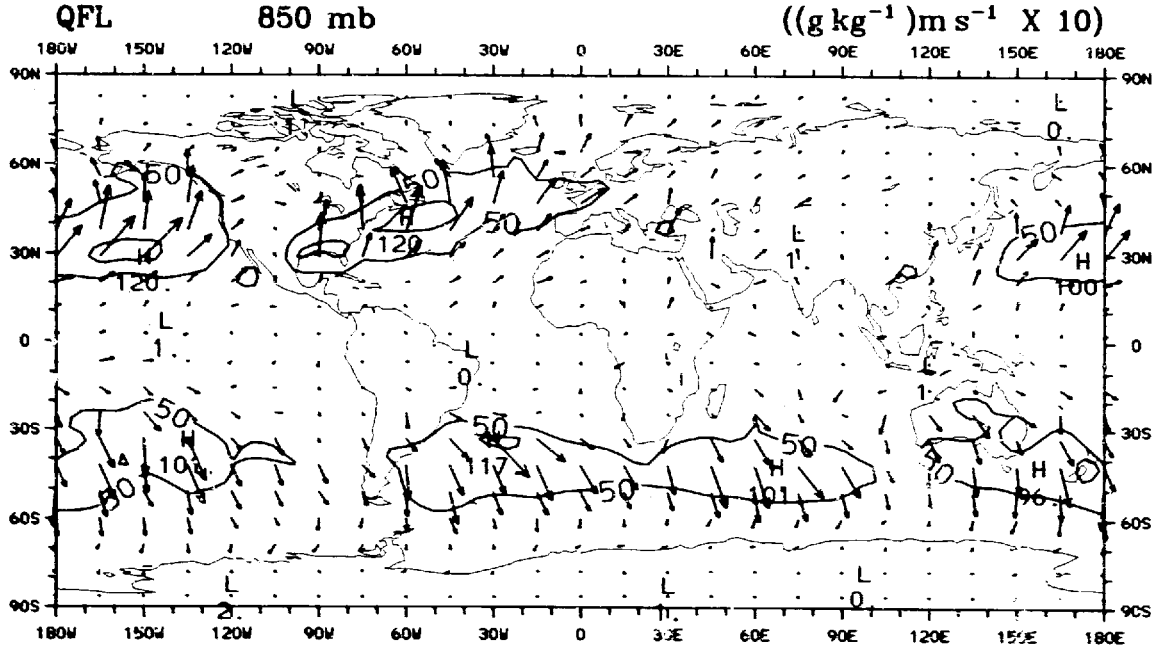
## EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

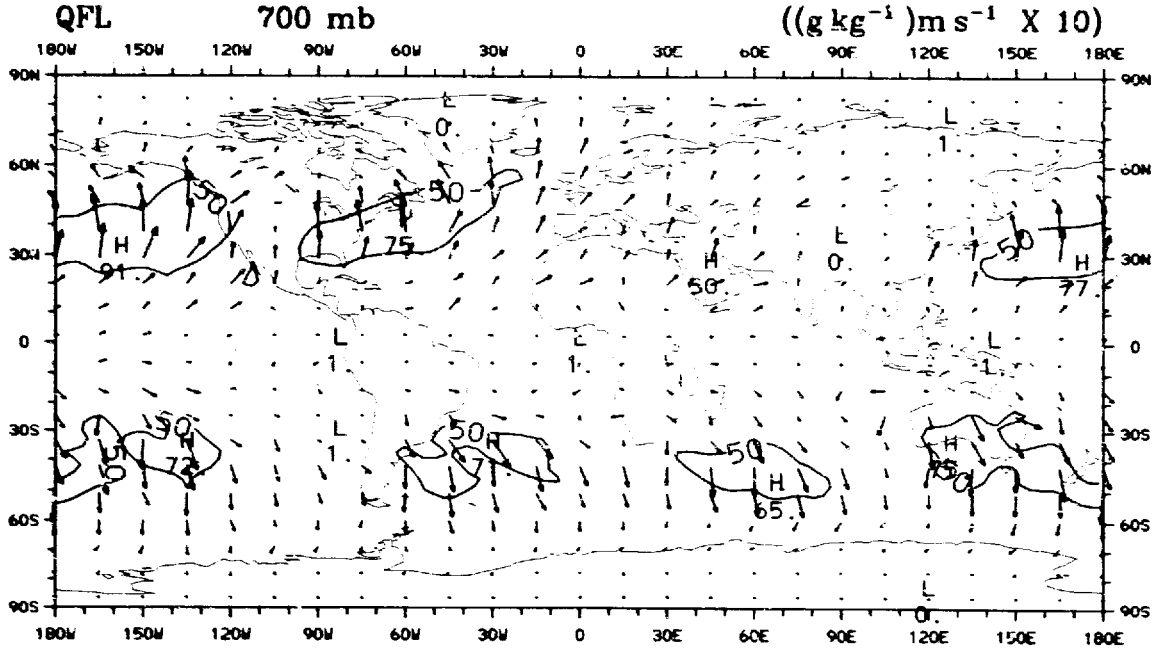
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




0.100E-01 ⟶
SCALING VECTOR

FRAME 2.82

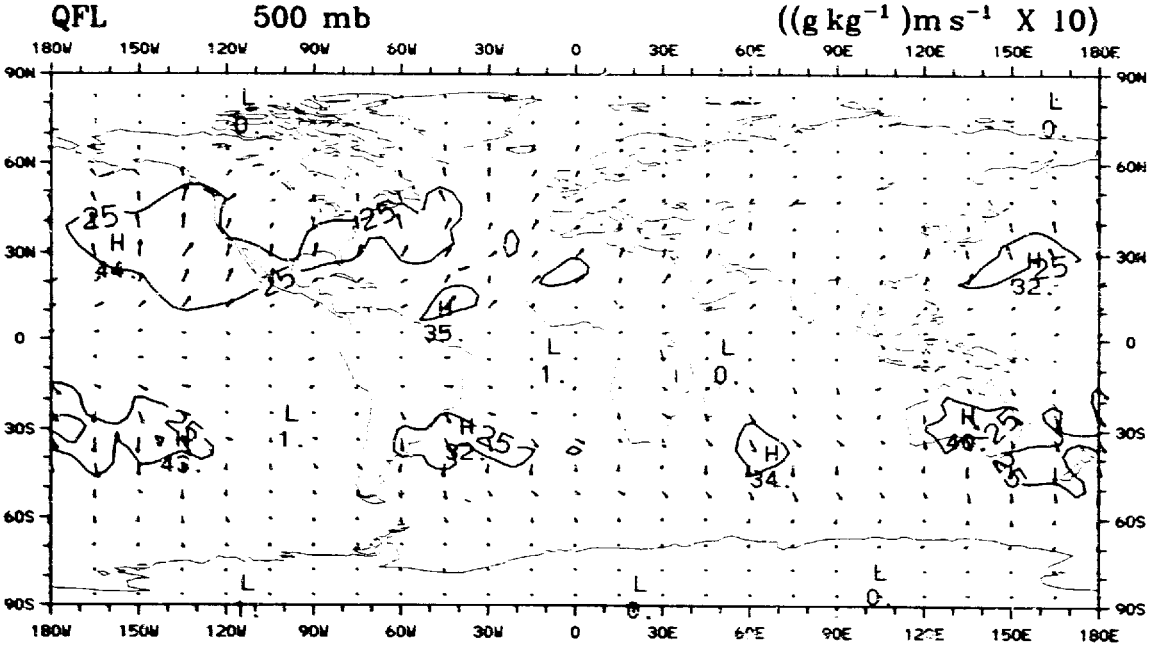
EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)




0.100E-01 ⟶
SCALING VECTOR

FRAME 2.83

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)



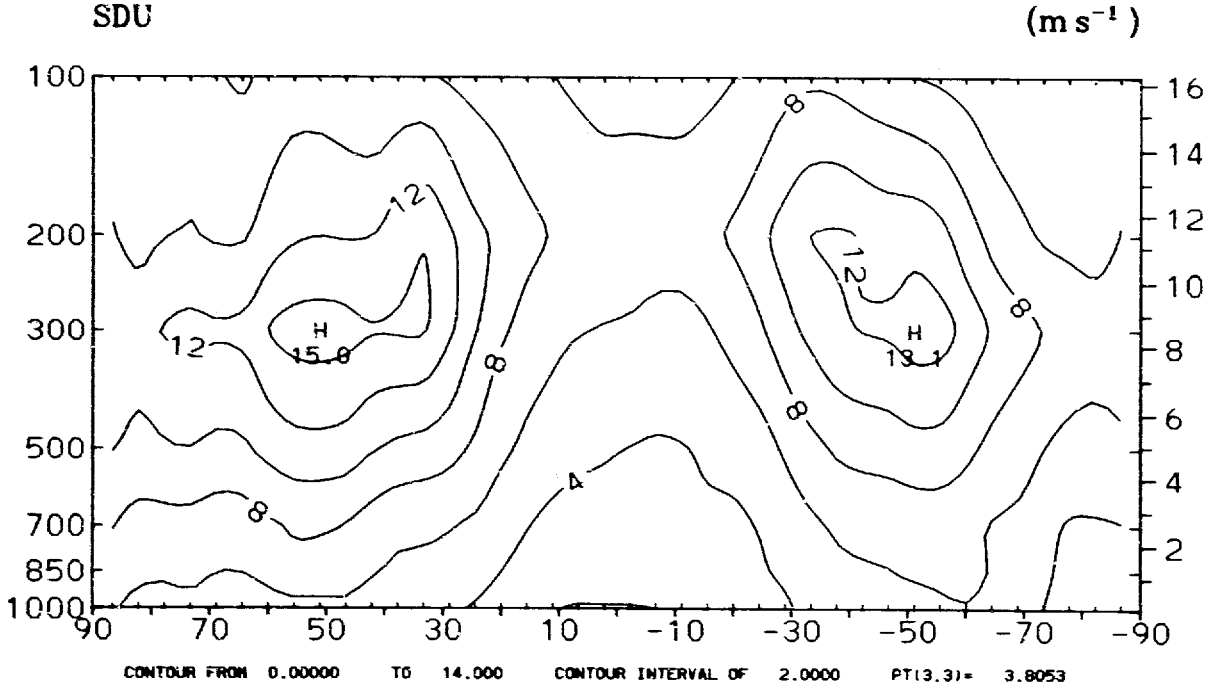

CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.38282E-03 LABELS SCALED BY 10000.

FRAME 2.84

0.100E-01 →
SCALING VECTOR

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

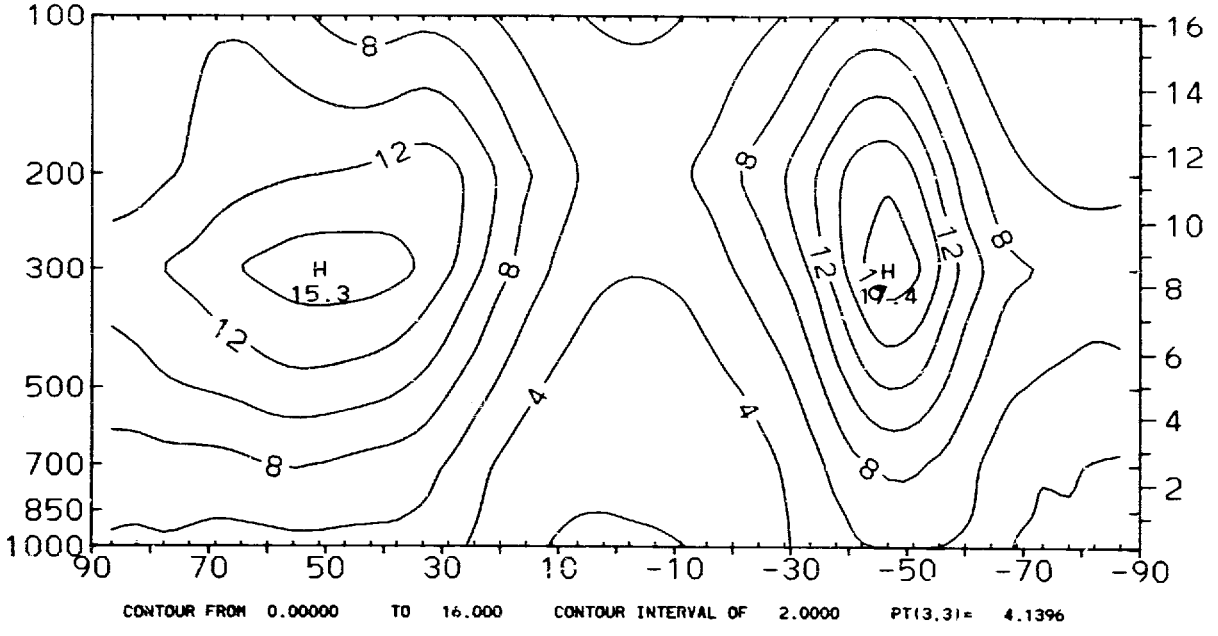
SDU




FRAME 2.85

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

SDV (m s$^{-1}$)

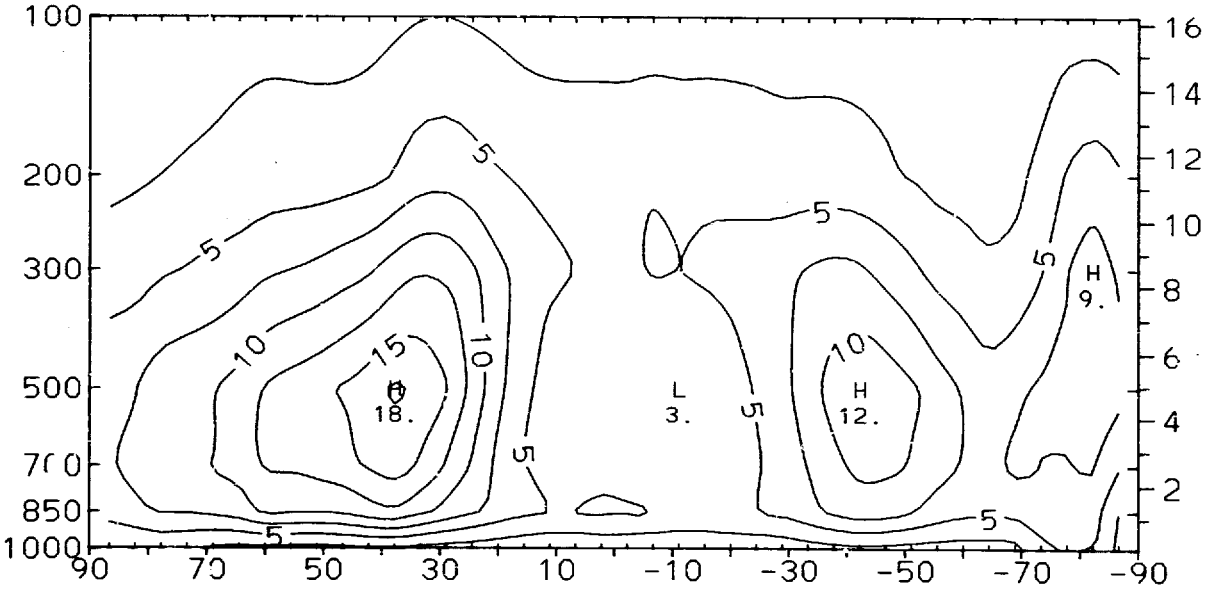



FRAME 2.86

EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)

SDW

($mb\,s^{-1}$ X $10^4$)

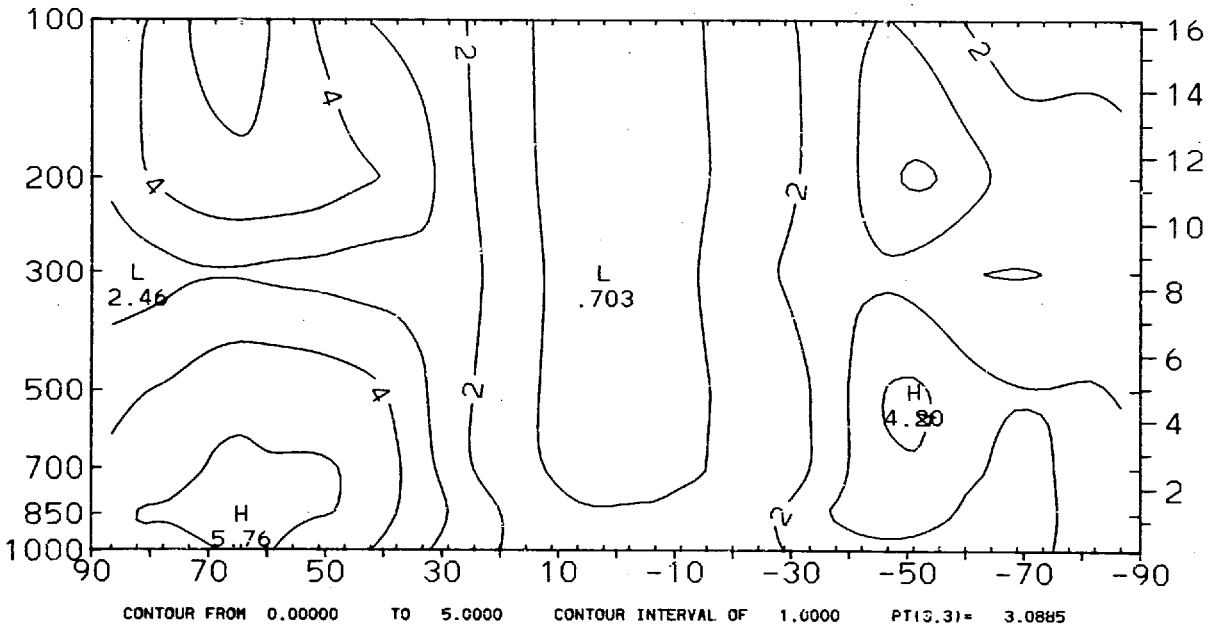



CONTOUR FROM 0.00000 TO 0.17500 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.74438E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

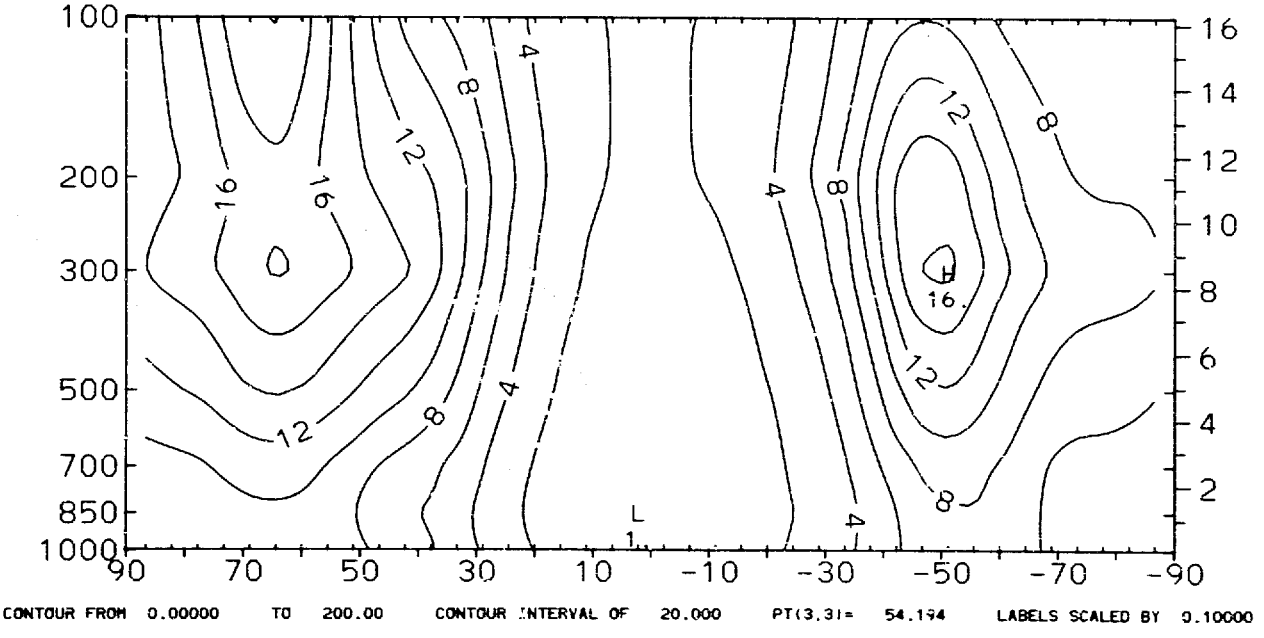
SDT (⁰ K)




FRAME 2.88

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

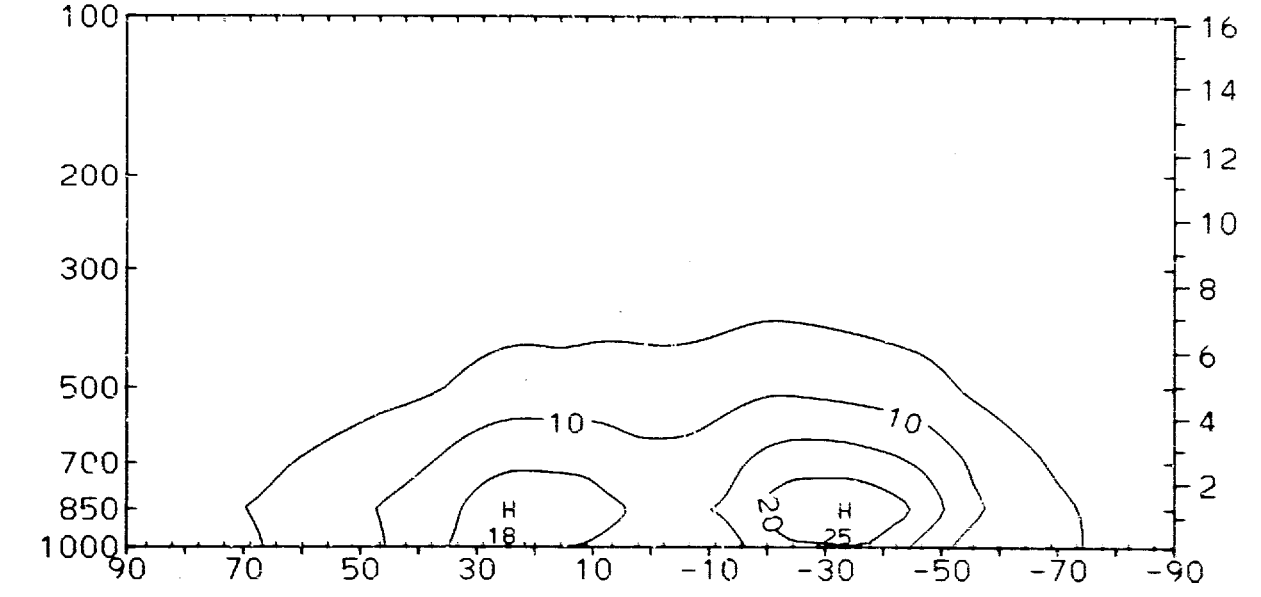



CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 54.194 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 JANUARY (ENSEMELE AVERAGE 1979-1986)

SDQ (g kg$^{-1}$ X 10)

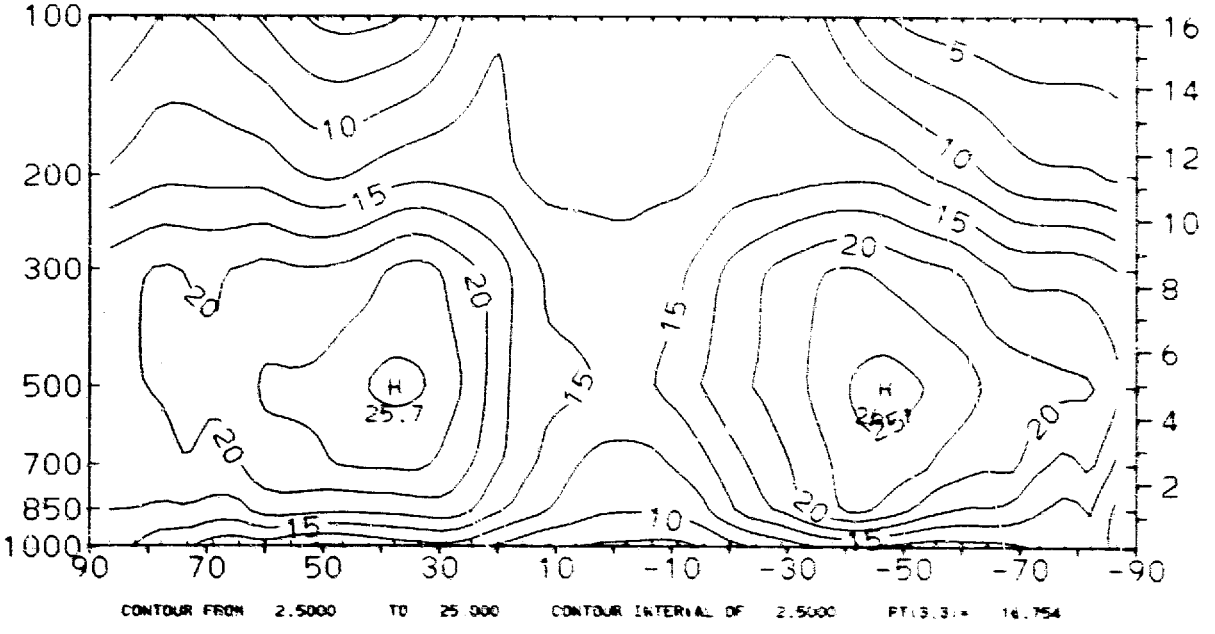



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.40614E-03 LABELS SCALED BY 10000.

FRAME 2.90

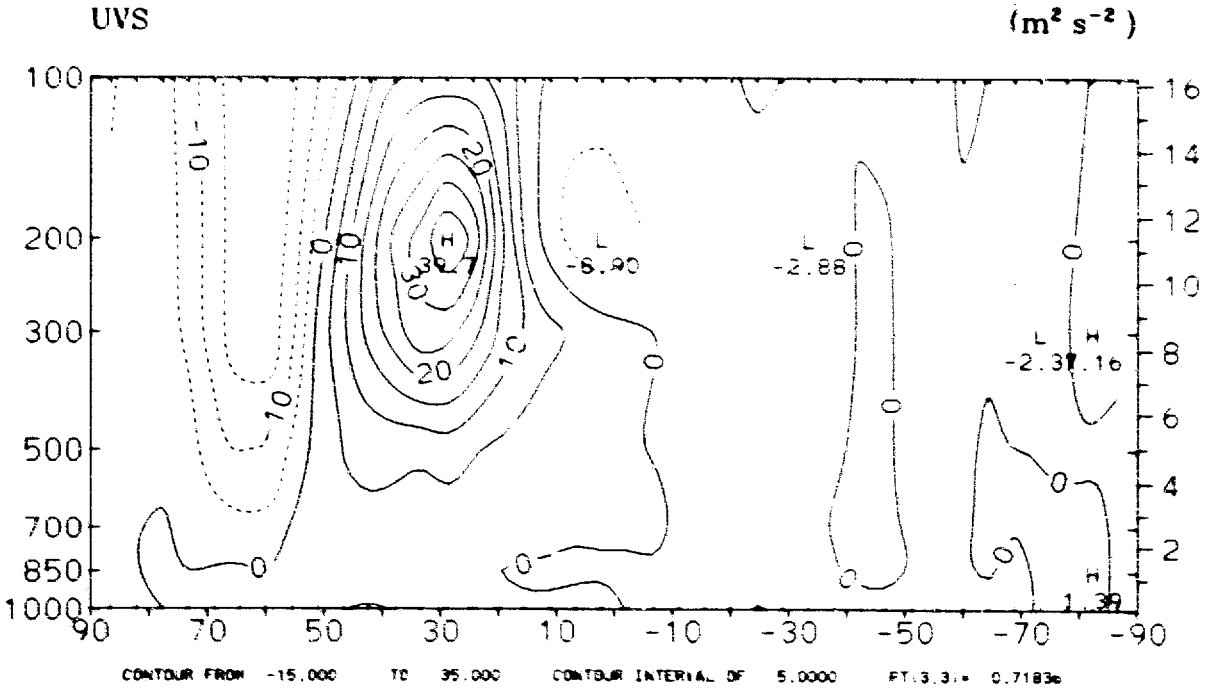
EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

SDRH (%)



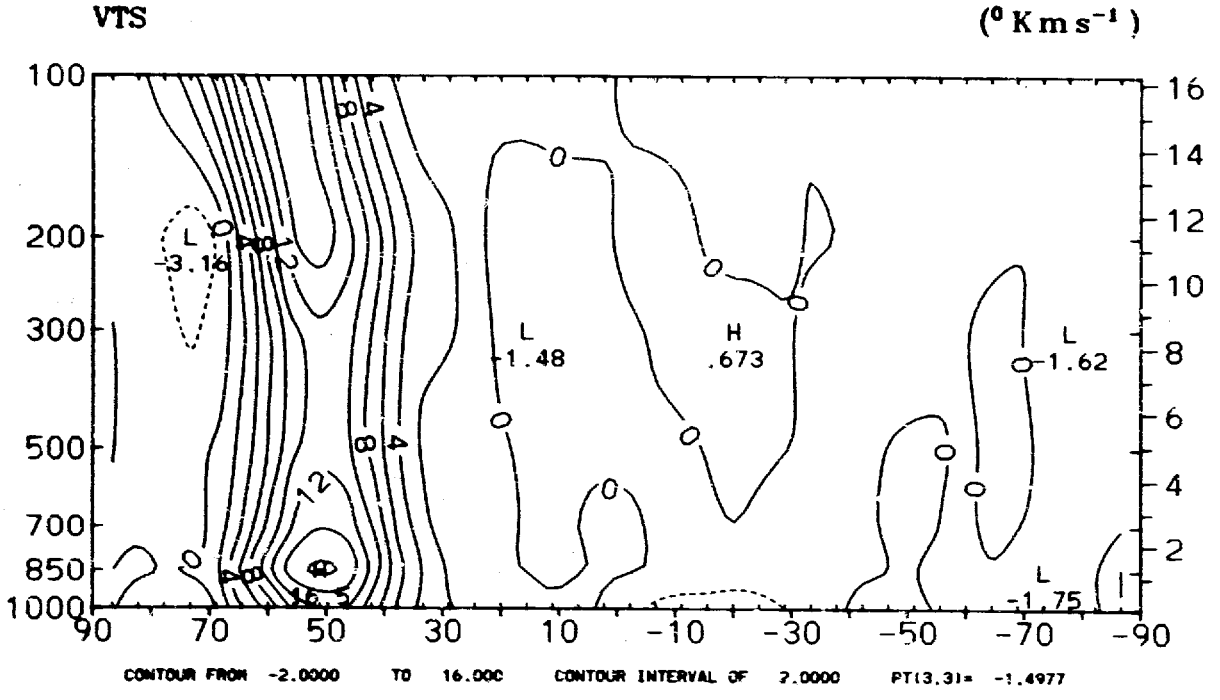

FRAME 2.91

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.92

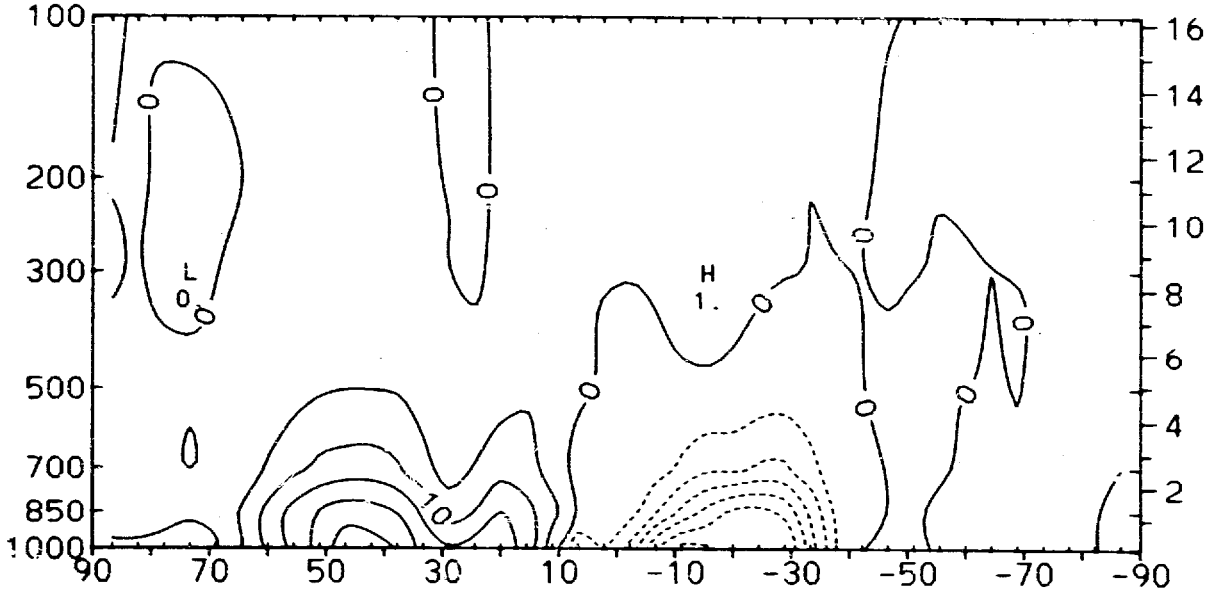
EC R15 JANUARY (ENSEMBLE AVERAGE 1979--1986)




FRAME 2.93

EC R15 JANUARY (ENSEMBLE AVERAGE 1979-1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

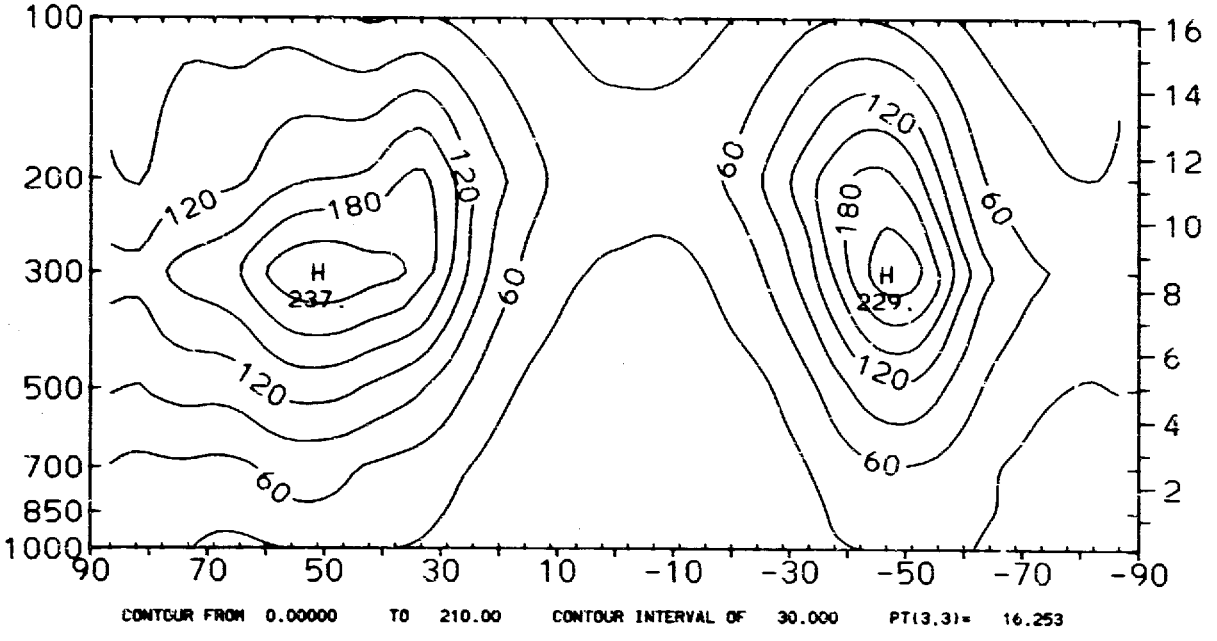



CONTOUR FROM -0.30000E-02 TO 0.25000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.11759E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 JANUARY (ENSEMBLE AVERAGE 1979–1986)

KEP $(m^2 s^{-2})$




CONTOUR FROM 0.00000 TO 210.00 CONTOUR INTERVAL OF 30.000 PT(3,3)= 16.253

FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.P | A | 396.0 TO 2953.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 396.0 TO 2953.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 396.0 TO 2953.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 396.0 TO 2953.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 396.0 TO 2953.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 396.0 TO 2953.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 396.0 TO 2953.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 396.0 TO 2953.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 396.0 TO 2953.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 396.0 TO 2953.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 396.0 TO 2953.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 396.0 TO 2953.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 396.0 TO 2953.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 396.0 TO 2953.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 396.0 TO 2953.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 396.0 TO 2953.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 396.0 TO 2953.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 396.0 TO 2953.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 396.0 TO 2953.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 396.0 TO 2953.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 396.0 TO 2953.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 396.0 TO 2953.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 396.0 TO 2953.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 396.0 TO 2953.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 396.0 TO 2953.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 396.0 TO 2953.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 396.0 TO 2953.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 396.0 TO 2953.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 396.0 TO 2953.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 850.0P | A | 396.0 TO 2953.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 396.0 TO 2953.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 396.0 TO 2953.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 396.0 TO 2953.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 396.0 TO 2953.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 396.0 TO 2953.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 396.0 TO 2953.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 396.0 TO 2953.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 396.0 TO 2953.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 396.0 TO 2953.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 396.0 TO 2953.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 396.0 TO 2953.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 396.0 TO 2953.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 396.0 TO 2953.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 396.0 TO 2953.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 396.0 TO 2953.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 396.0 TO 2953.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 396.0 TO 2953.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 396.0 TO 2953.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 396.0 TO 2953.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 396.0 TO 2953.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 396.0 TO 2953.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 396.0 TO 2953.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 396.0 TO 2953.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 396.0 TO 2953.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 396.0 TO 2953.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 396.0 TO 2953.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 396.0 TO 2953.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 396.0 TO 2953.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 396.0 TO 2953.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 396.0 TO 2953.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 396.0 TO 2953.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 396.0 TO 2953.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 396.0 TO 2953.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 396.0 TO 2953.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 396.0 TO 2953.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 396.0 TO 2953.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 396.0 TO 2953.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 396.0 TO 2953.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 396.0 TO 2953.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 396.0 TO 2953.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 396.0 TO 2953.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 396.0 TO 2953.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 396.0 TO 2953.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 396.0 TO 2953.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 396.0 TO 2953.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 396.0 TO 2953.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 396.0 TO 2953.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 396.0 TO 2953.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 396.0 TO 2953.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 396.0 TO 2953.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 396.0 TO 2953.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 396.0 TO 2953.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 396.0 TO 2953.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 396.0 TO 2953.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 396.0 TO 2953.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 396.0 TO 2953.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 396.0 TO 2953.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 396.0 TO 2953.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 396.0 TO 2953.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 396.0 TO 2953.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 396.0 TO 2953.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 396.0 TO 2953.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 396.0 TO 2953.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 396.0 TO 2953.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 396.0 TO 2953.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 396.0 TO 2953.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 396.0 TO 2953.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 396.0 TO 2953.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 396.0 TO 2953.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 396.0 TO 2953.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

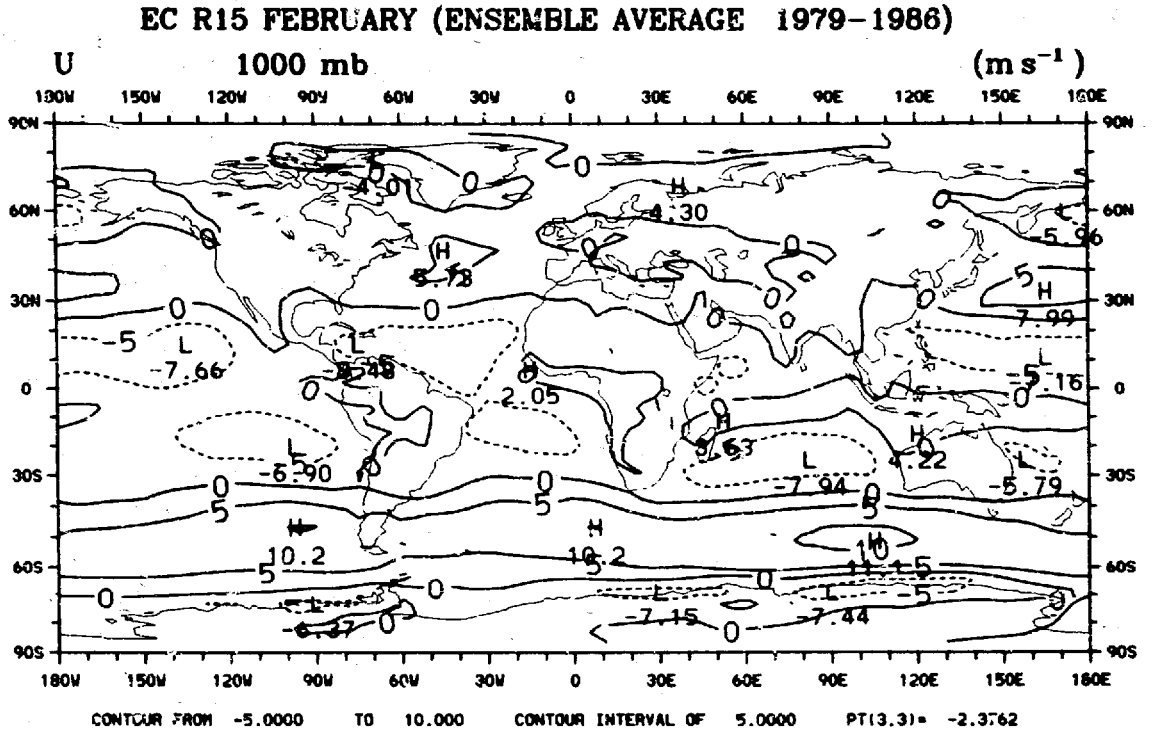
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 396.0 TO 2953.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 396.0 TO 2953.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 396.0 TO 2953.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 396.0 TO 2953.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 396.0 TO 2953.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 396.0 TO 2953.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 396.0 TO 2953.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 396.0 TO 2953.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 396.0 TO 2953.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 396.0 TO 2953.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 396.0 TO 2953.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 396.0 TO 2953.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 396.0 TO 2953.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 396.0 TO 2953.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 396.0 TO 2953.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 396.0 TO 2953.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 396.0 TO 2953.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 396.0 TO 2953.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 396.0 TO 2953.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 396.0 TO 2953.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 396.0 TO 2953.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 396.0 TO 2953.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 396.0 TO 2953.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 396.0 TO 2953.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 396.0 TO 2953.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 396.0 TO 2953.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 396.0 TO 2953.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 396.0 TO 2953.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 396.0 TO 2953.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 396.0 TO 2953.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 396.0 TO 2953.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 950.0P | A | 396.0 TO 2953.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 900.0P | A | 396.0 TO 2953.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

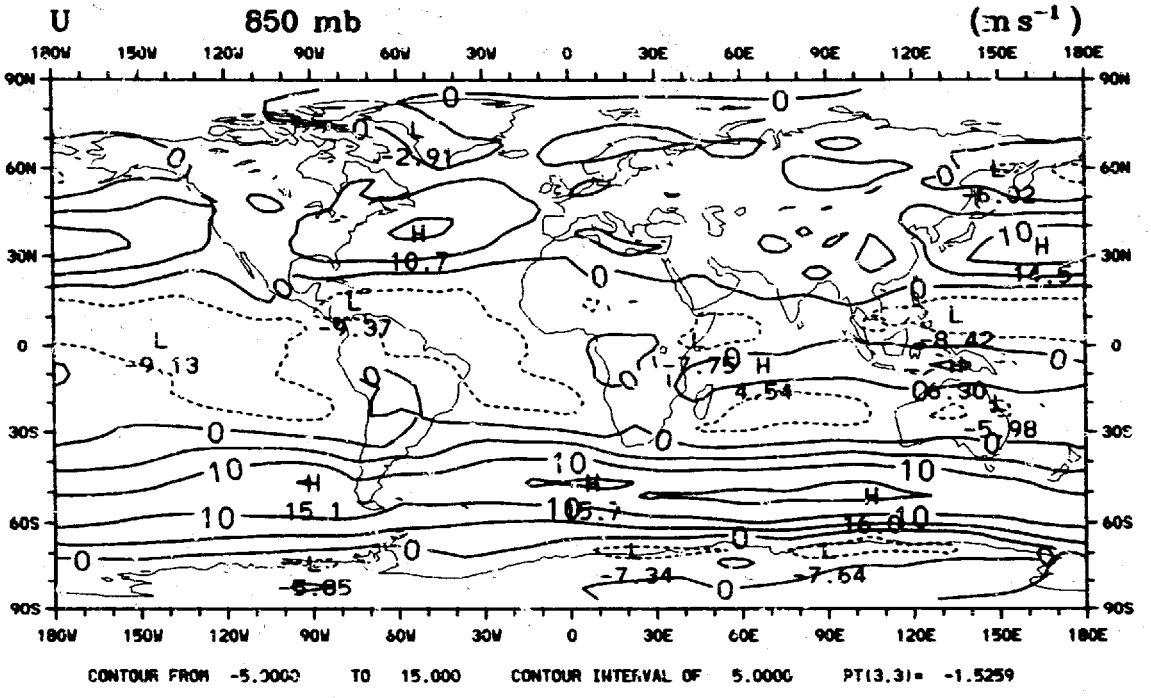
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 396.0 TO 2953.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 396.0 TO 2953.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 396.0 TO 2953.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 396.0 TO 2953.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 396.0 TO 2953.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 396.0 TO 2953.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 396.0 TO 2953.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 396.0 TO 2953.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 396.0 TO 2953.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 396.0 TO 2953.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 396.0 TO 2953.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 396.0 TO 2953.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 396.0 TO 2953.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 396.0 TO 2953.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 396.0 TO 2953.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 396.0 TO 2953.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 396.0 TO 2953.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 396.0 TO 2953.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 396.0 TO 2953.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 396.0 TO 2953.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 396.0 TO 2953.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 396.0 TO 2953.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 396.0 TO 2953.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 396.0 TO 2953.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 396.0 TO 2953.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 396.0 TO 2953.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 396.0 TO 2953.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 396.0 TO 2953.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 396.0 TO 2953.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 396.0 TO 2953.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 396.0 TO 2953.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 396.0 TO 2953.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 396.0 TO 2953.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 396.0 TO 2953.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 396.0 TO 2953.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 396.0 TO 2953.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 396.0 TO 2953.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 396.0 TO 2953.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 396.0 TO 2953.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 396.0 TO 2953.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 396.0 TO 2953.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 396.0 TO 2953.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 396.0 TO 2953.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 396.0 TO 2953.0 |
| 2.67 | Time Avg. Hor. Proj Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 396.0 TO 2953.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 396.0 TO 2953.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 396.0 TO 2953.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 396.0 TO 2953.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 396.0 TO 2953.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 396.0 TO 2953.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 396.0 TO 2953.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 396.0 TO 2953.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 396.0 TO 2953.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 396.0 TO 2953.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 396.0 TO 2953.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 396.0 TO 2953.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 396.0 TO 2953.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 396.0 TO 2953.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 396.0 TO 2953.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 396.0 TO 2953.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 396.0 TO 2953.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 396.0 TO 2953.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 396.0 TO 2953.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 396.0 TO 2953.0 |

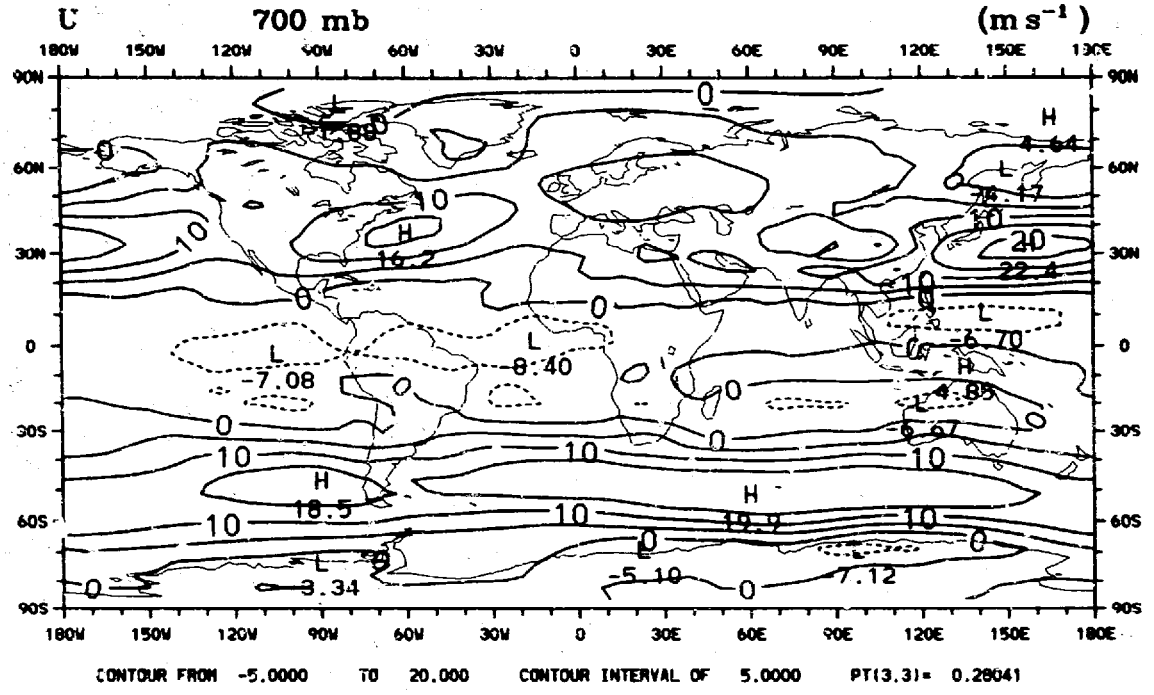

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)
U
1000 mb
(m s-1)
CONTOUR FROM -5.0000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3.3)= -2.3762

FRAME 1.1


EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)
U
850 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -5.0000 TO 15.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -1.5259

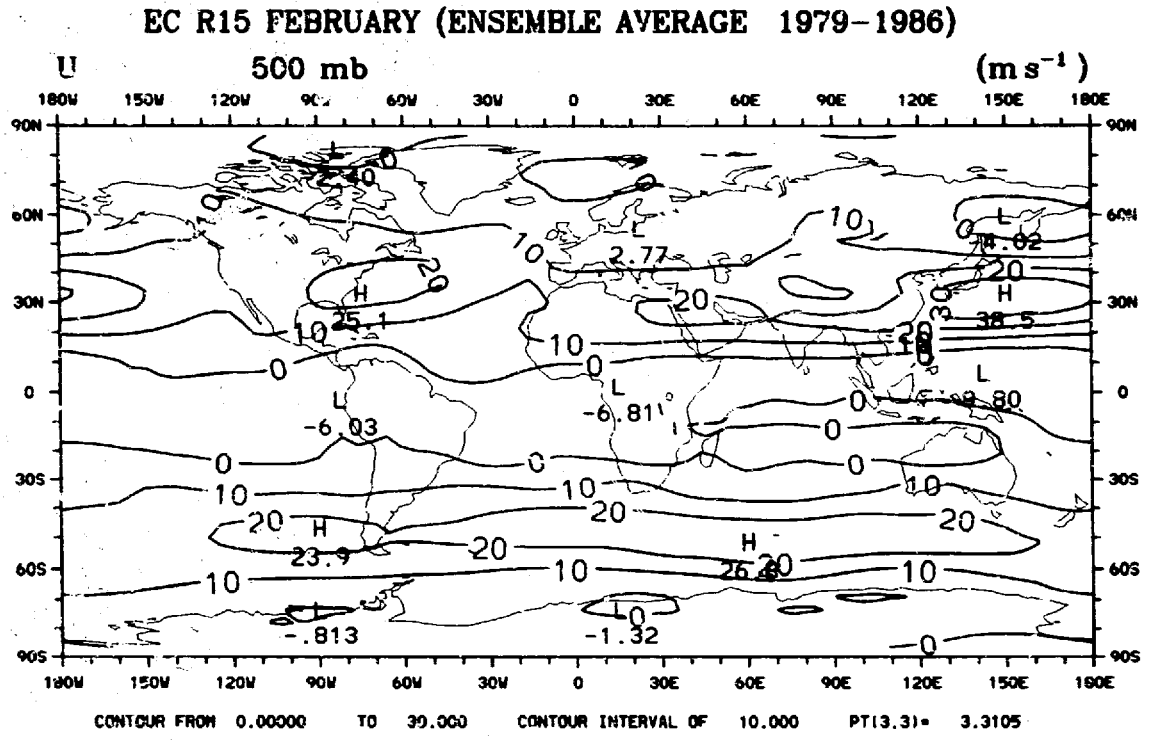
FRAME 1.2

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



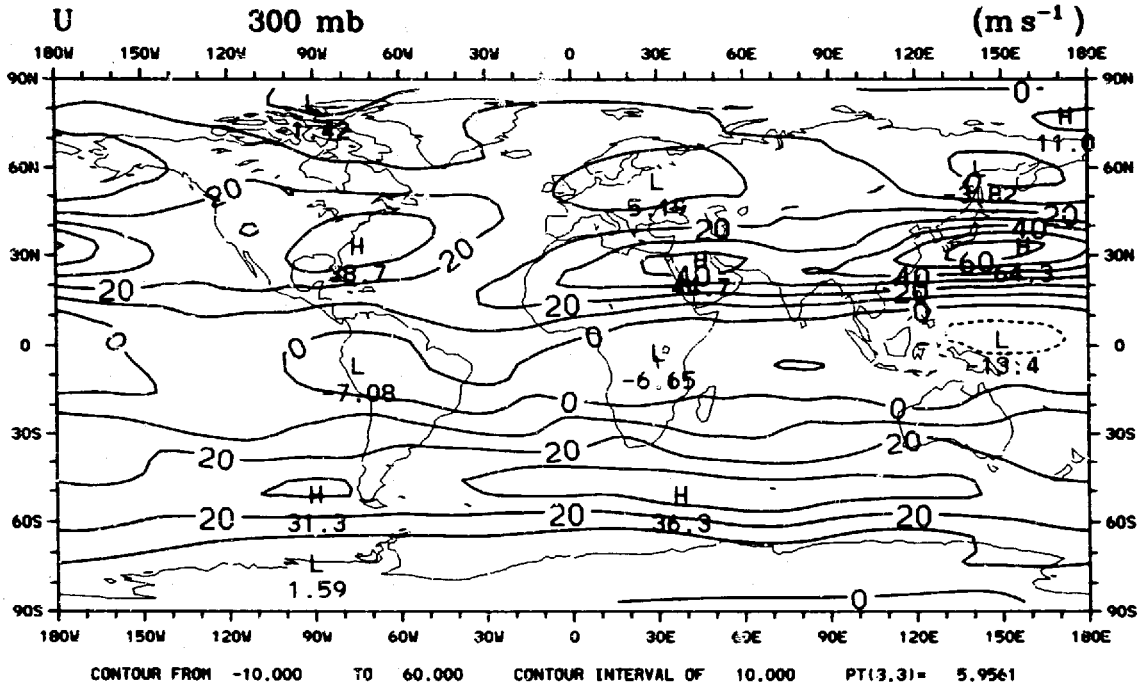

CONTOUR FROM -5.0000 TO 20.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 0.28041

FRAME 1.3

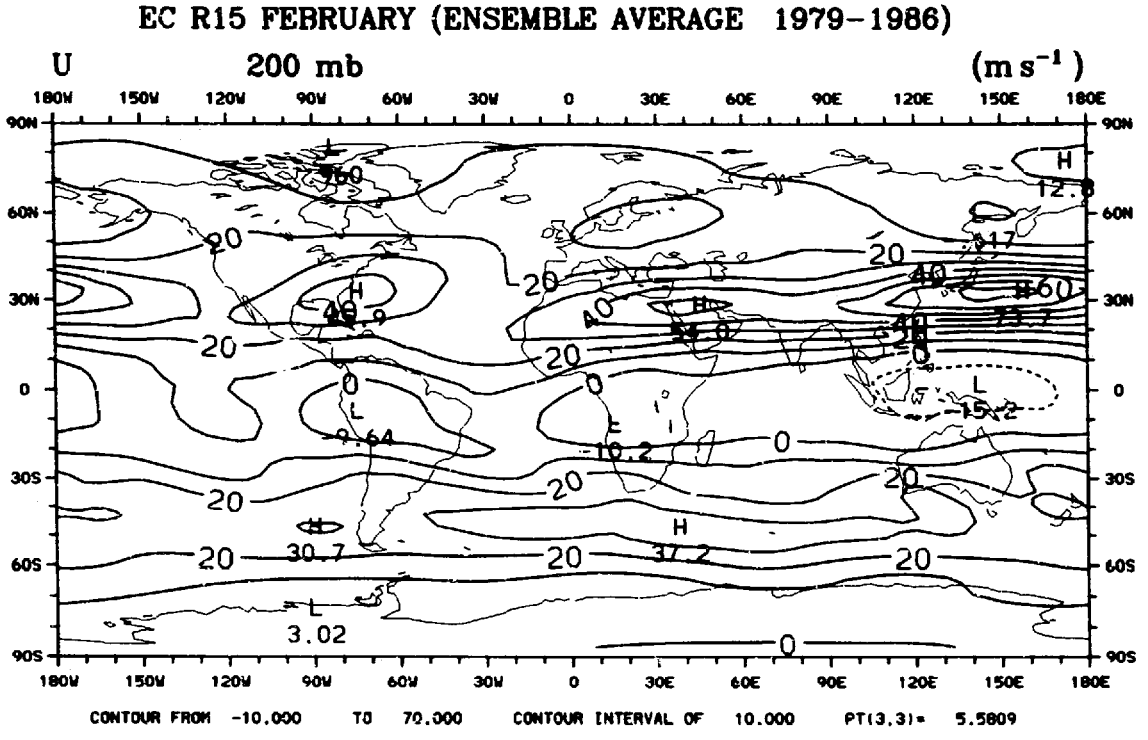

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)
U
500 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
25.1
L
-6.03
L
-6.81
L
2.77
L
4.02
H
38.5
H
23.9
H
26.8
L
-.813
L
-1.32
CONTOUR FROM 0.00000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 3.3105

FRAME 1.4

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

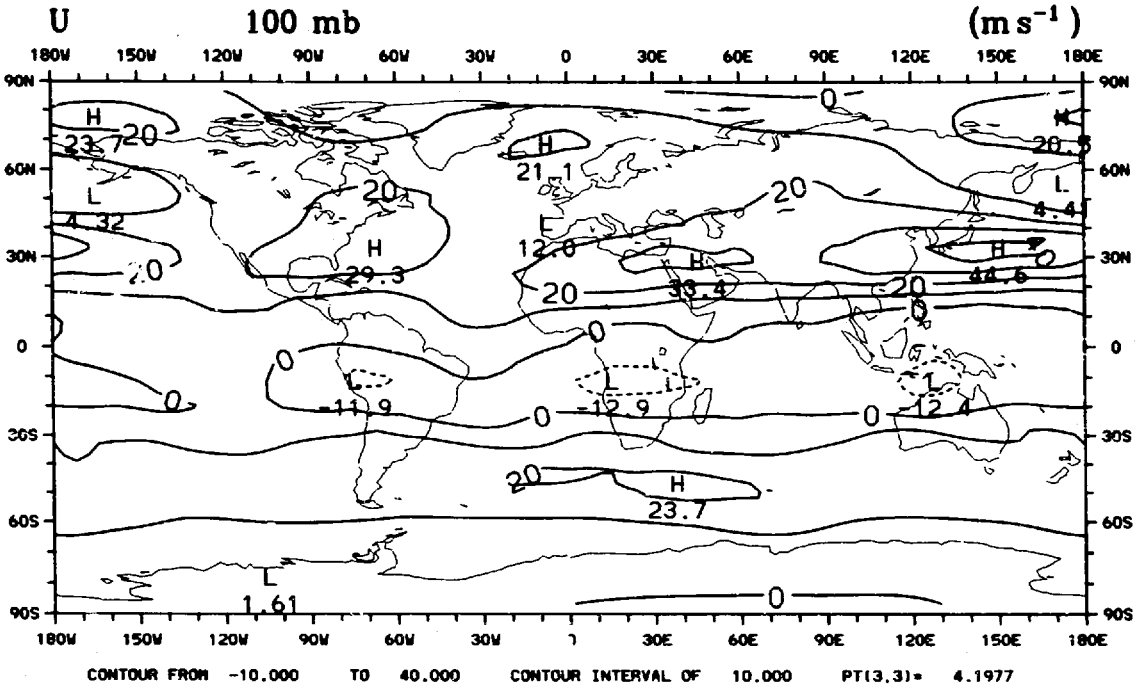



FRAME 1.5


EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)
U 200 mb (m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -10.000 TO 70.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 5.5809

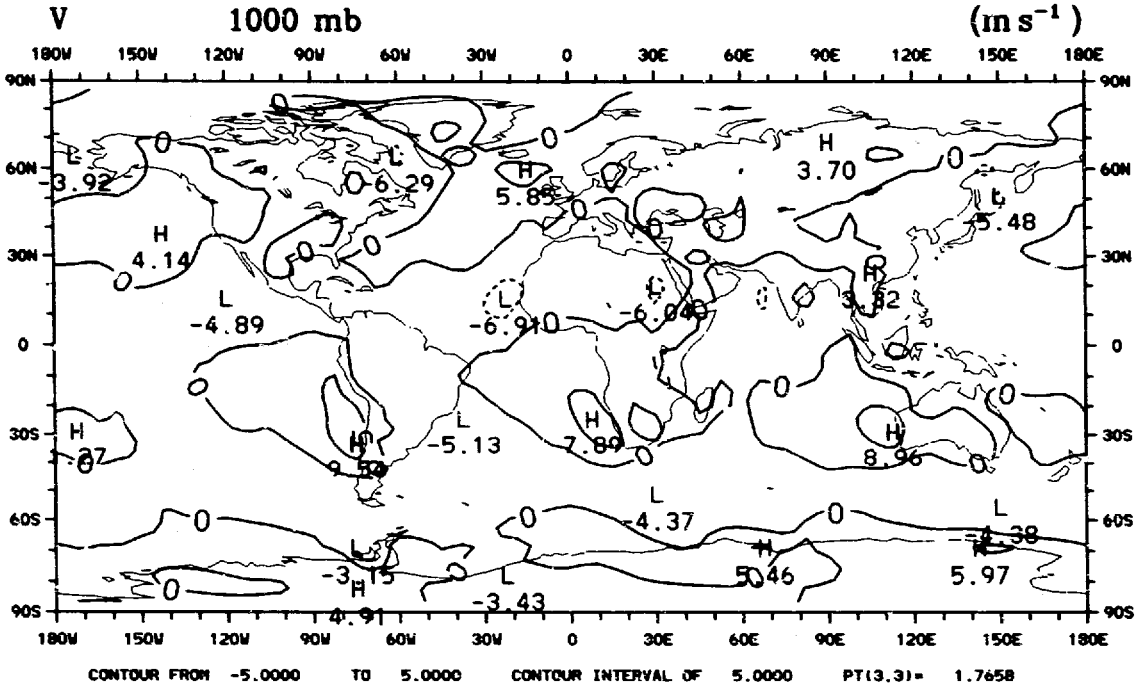
FRAME 1.6

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



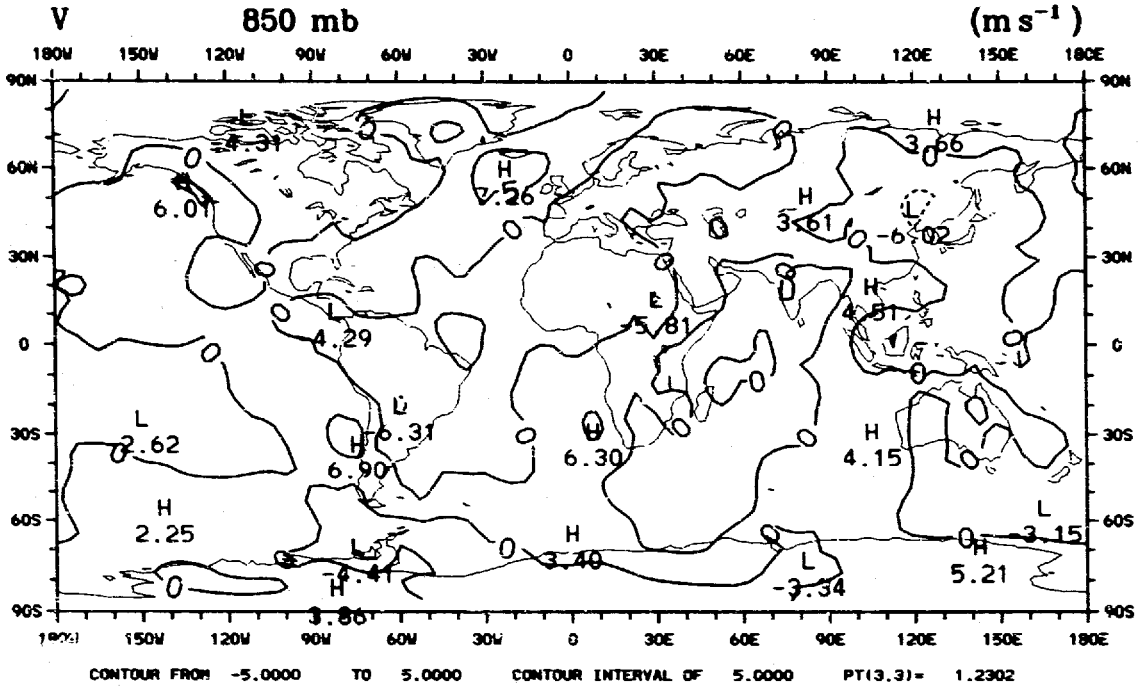

FRAME 1.7

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



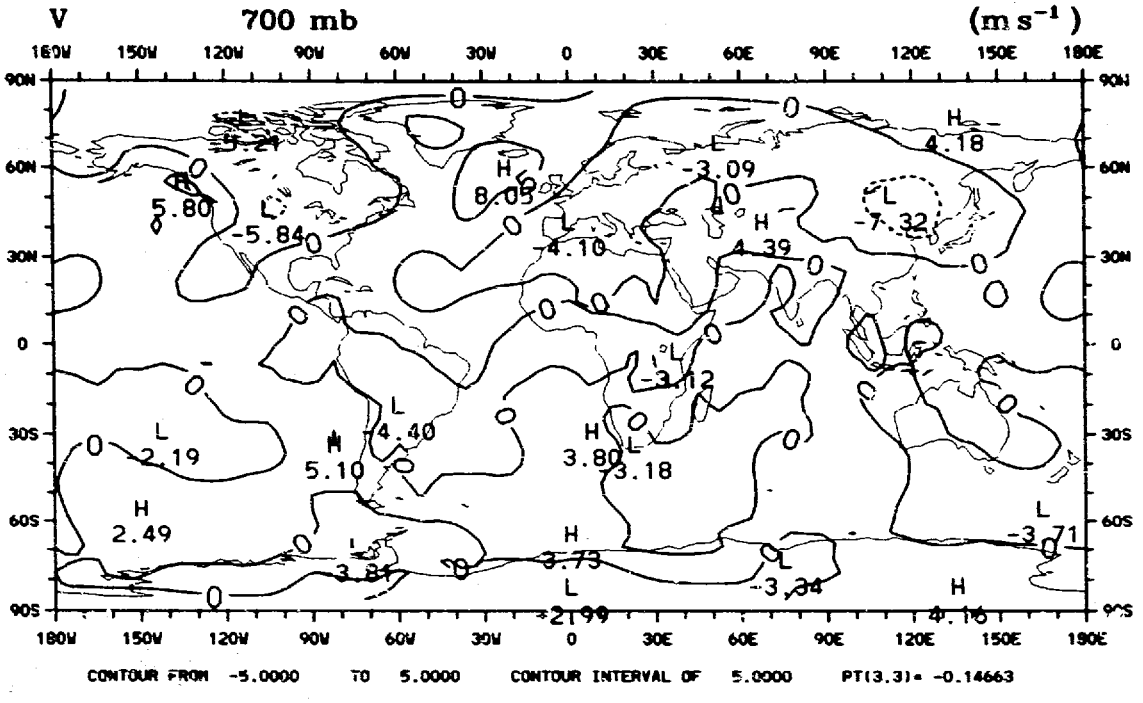

FRAME 1.8

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



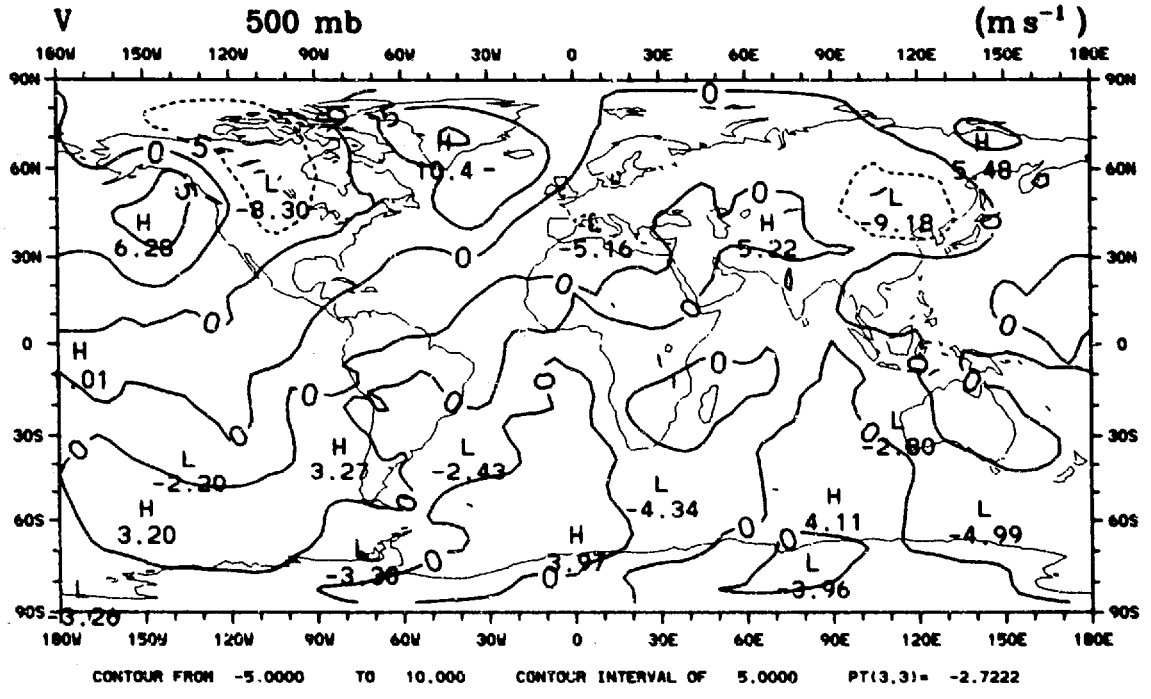

FRAME 1.9

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



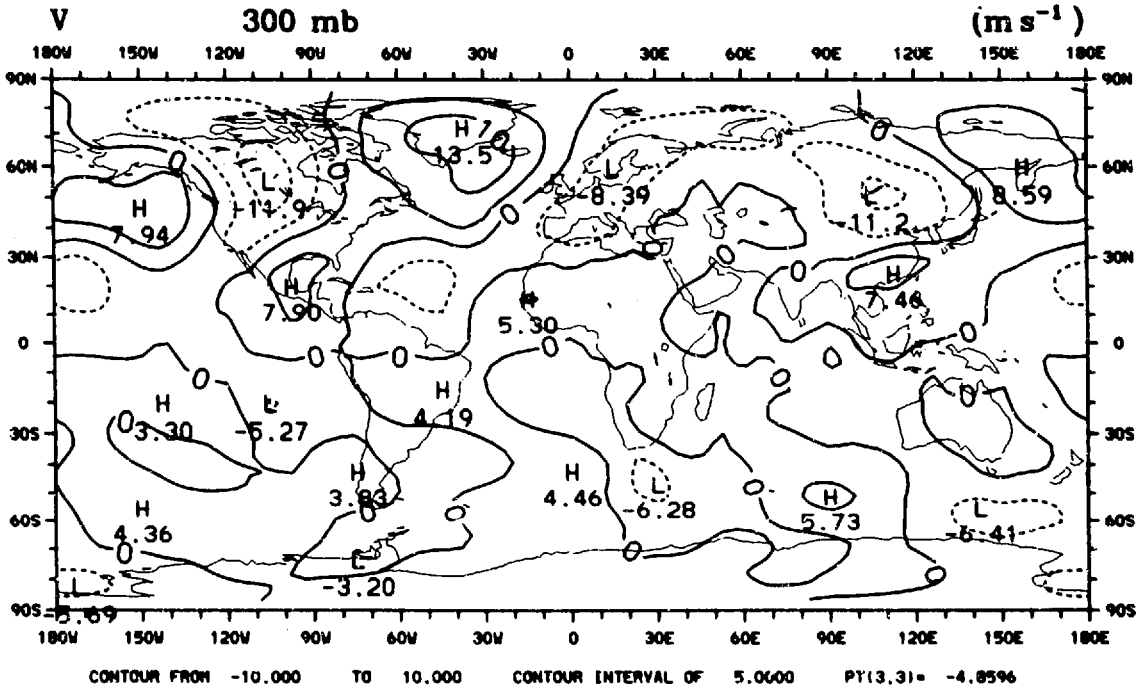

FRAME 1.10

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



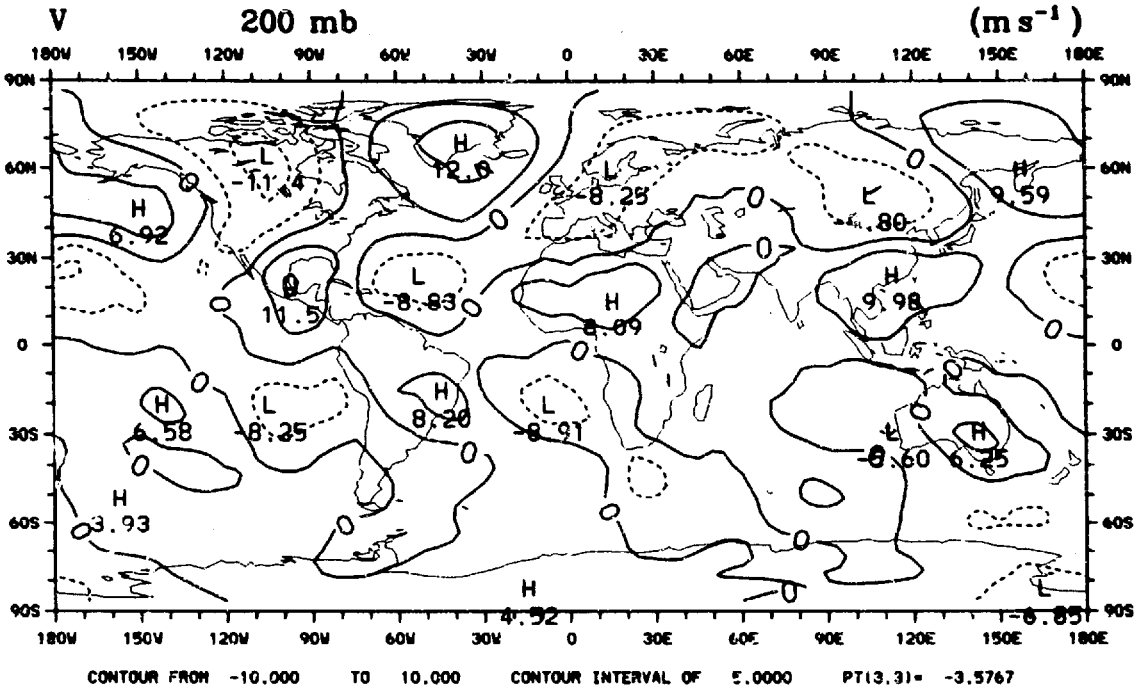

FRAME 1.1

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



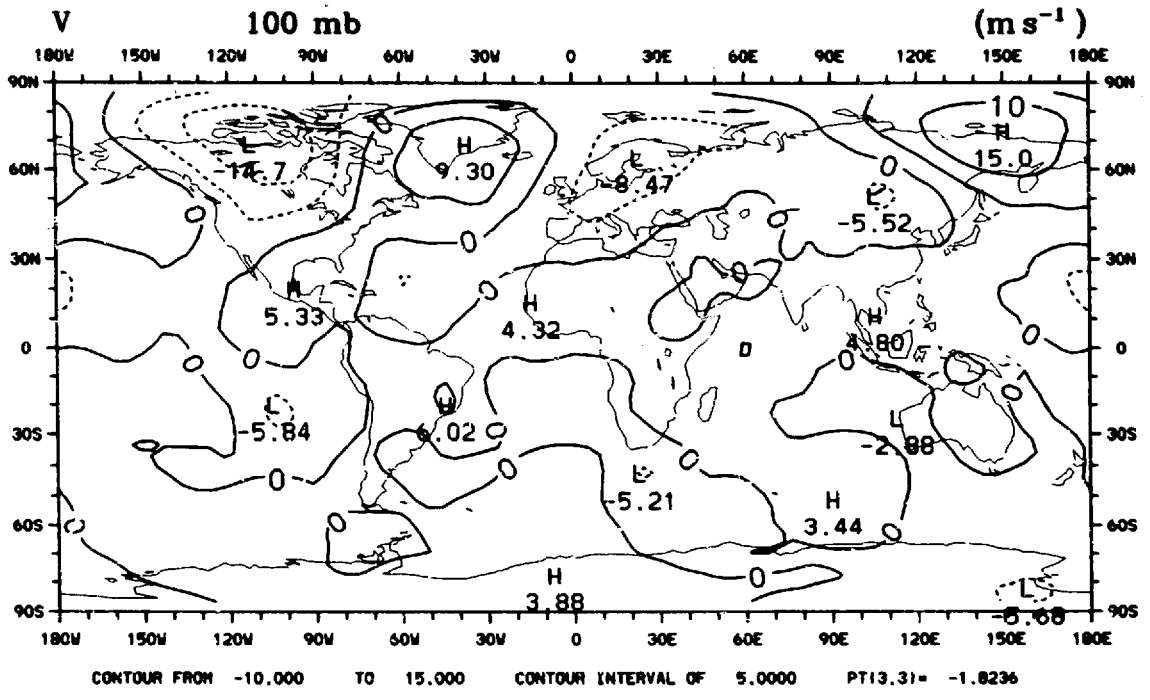

FRAME 1.12

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



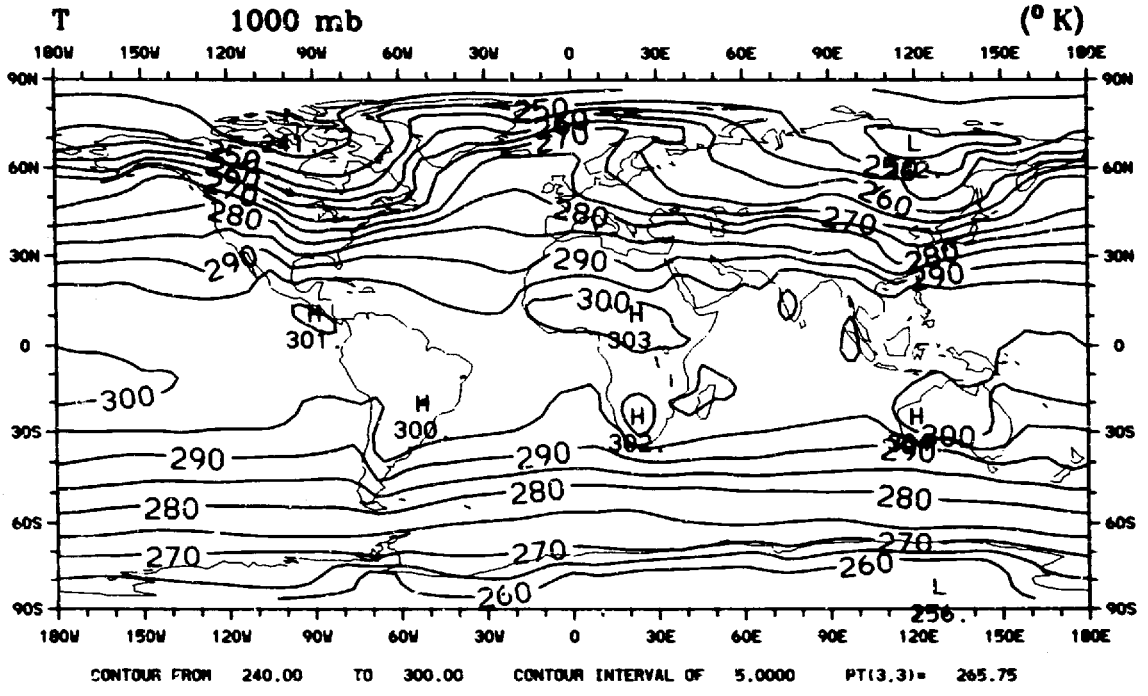

FRAME 1.13

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



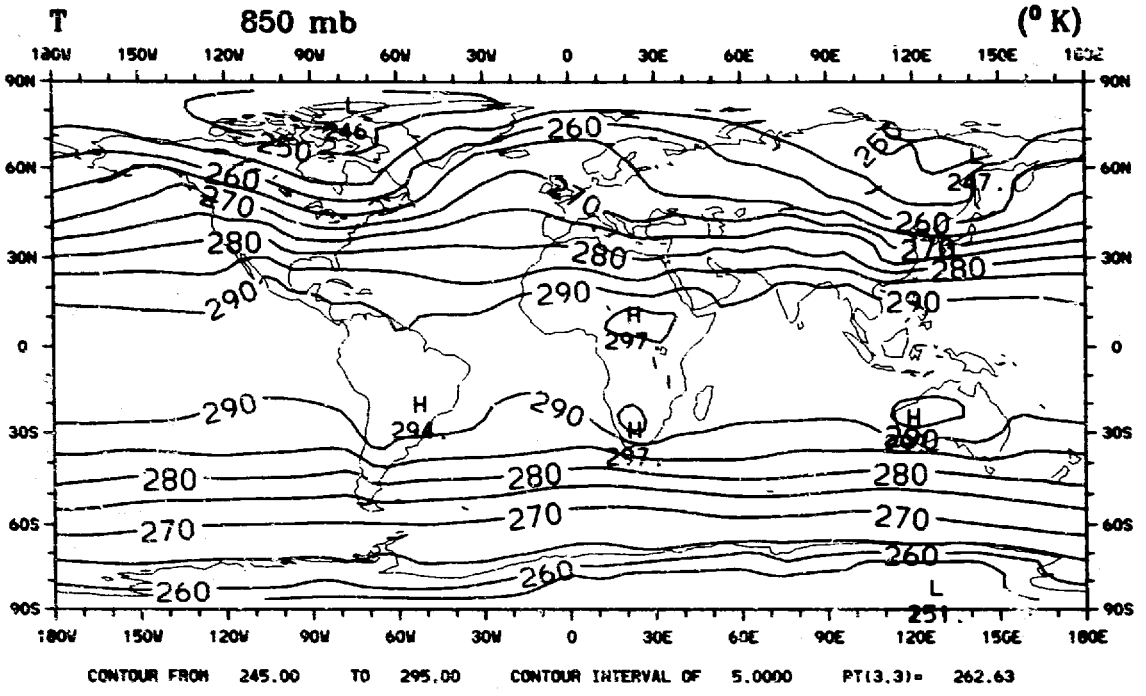

FRAME 1.14

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



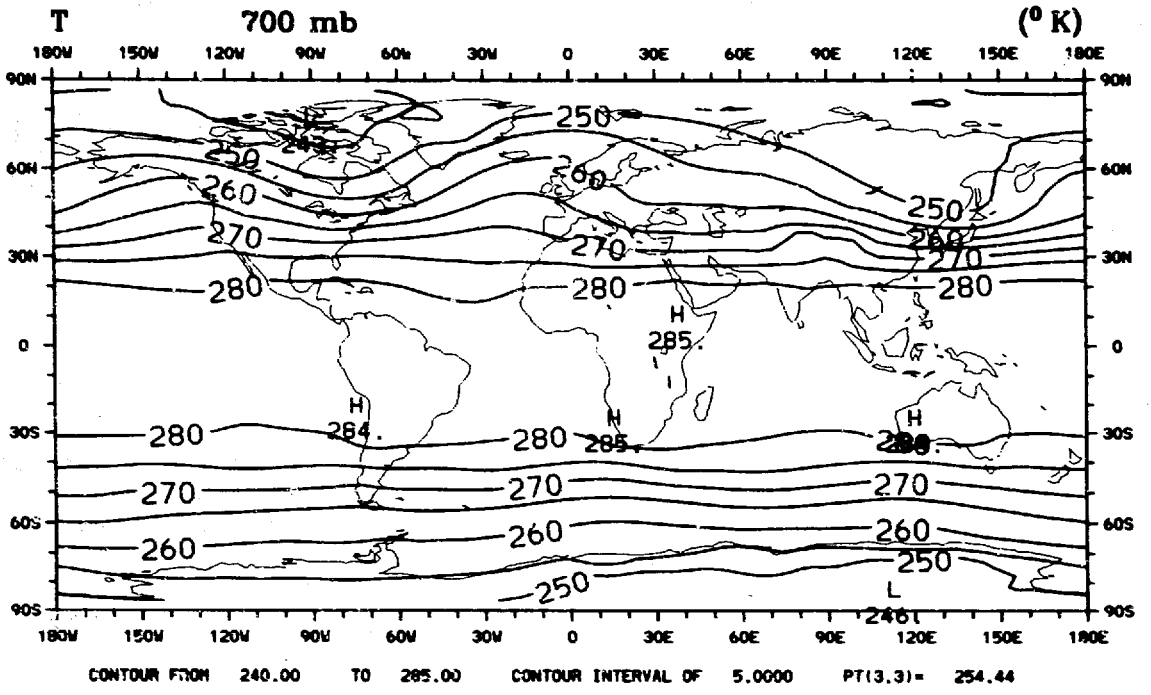

FRAME 1.15

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



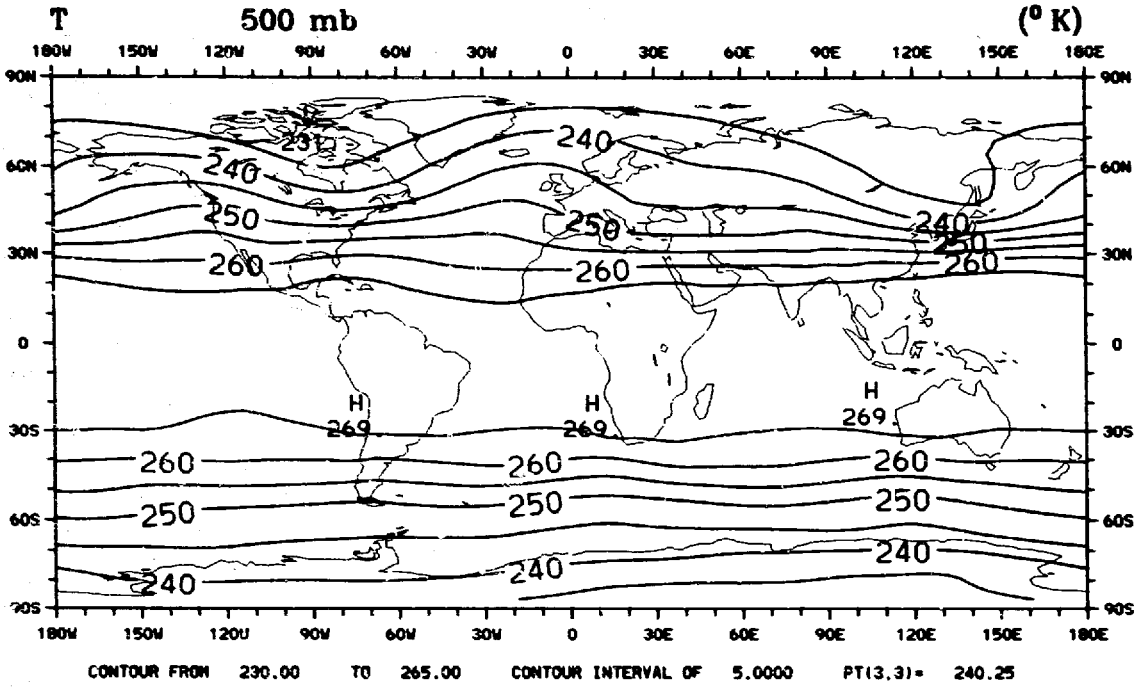

FRAME 1.16

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



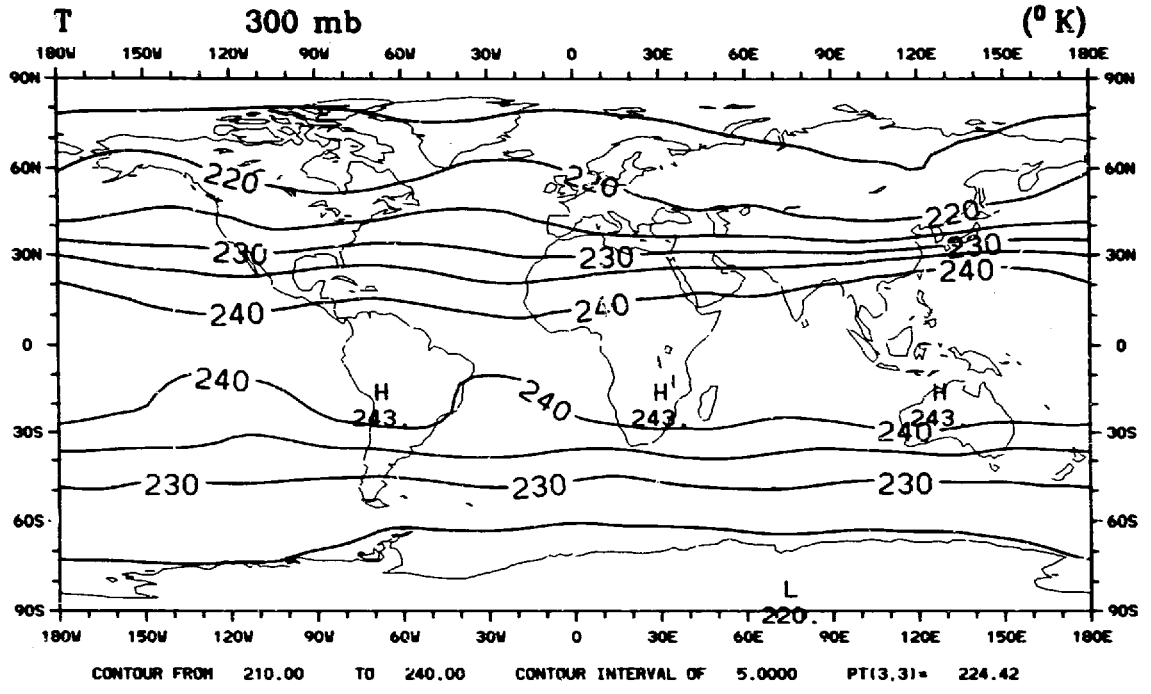

FRAME 1.17

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



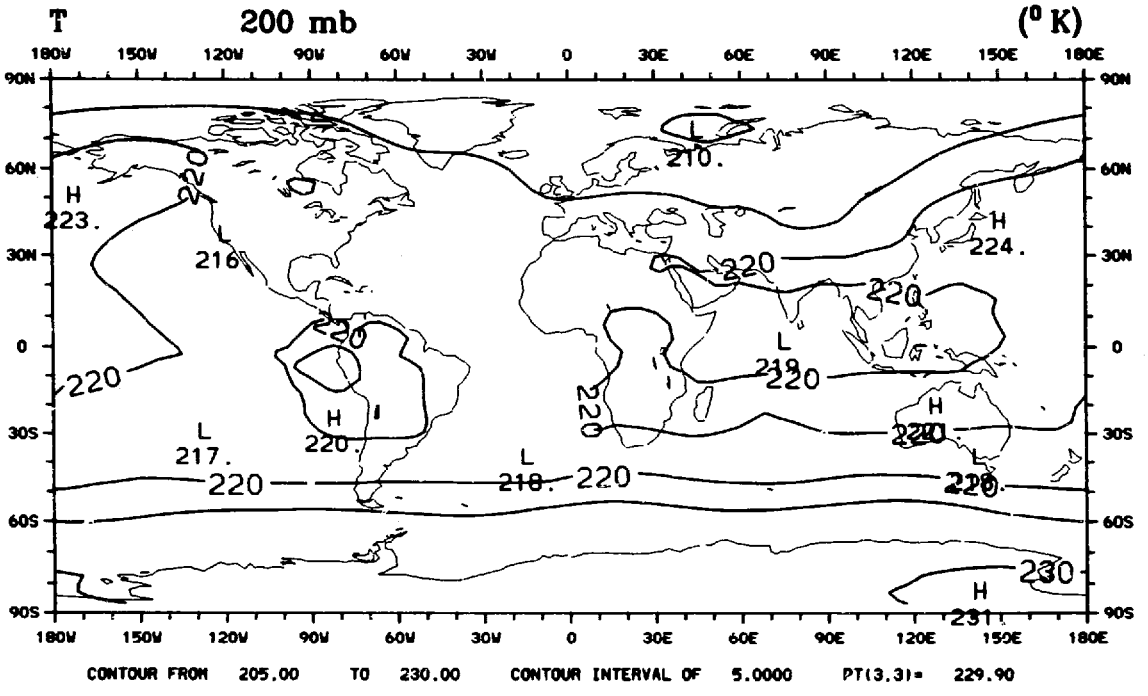

FRAME 1.18

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



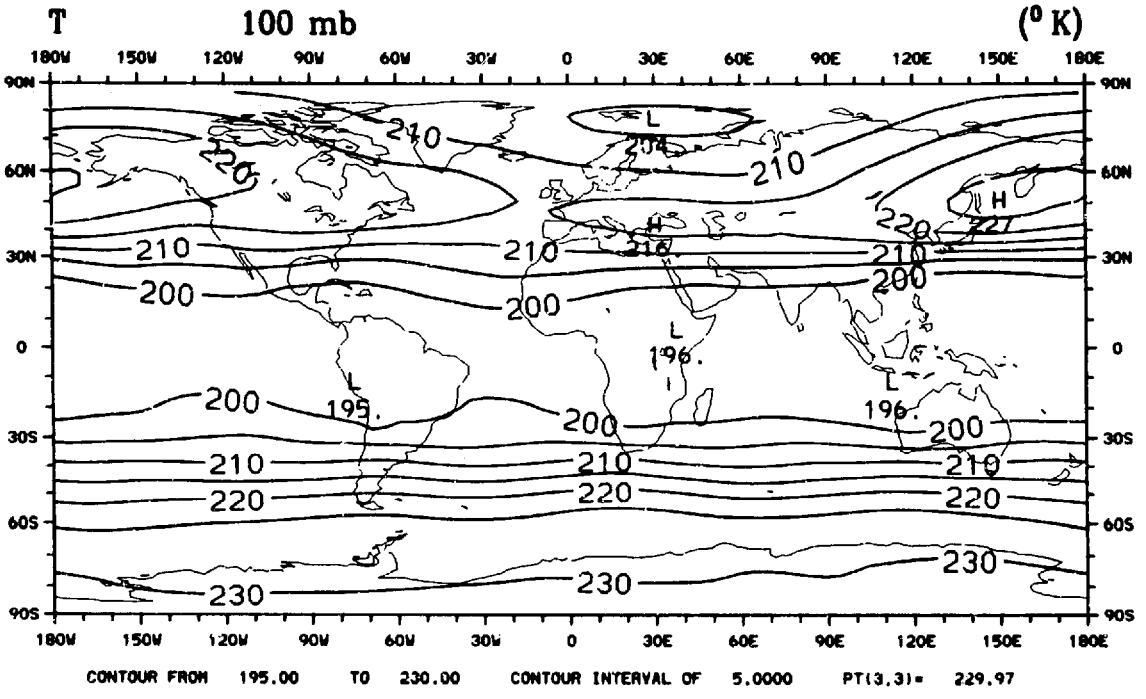

FRAME 1.19

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



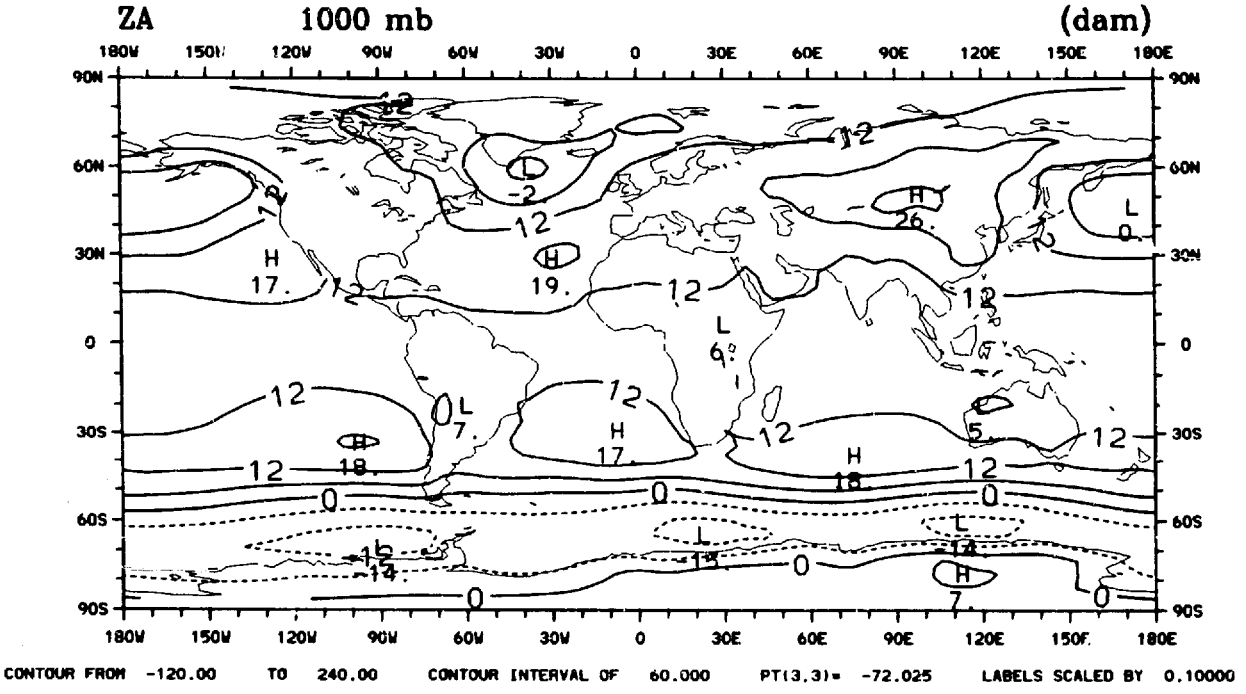

FRAME 1.20

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



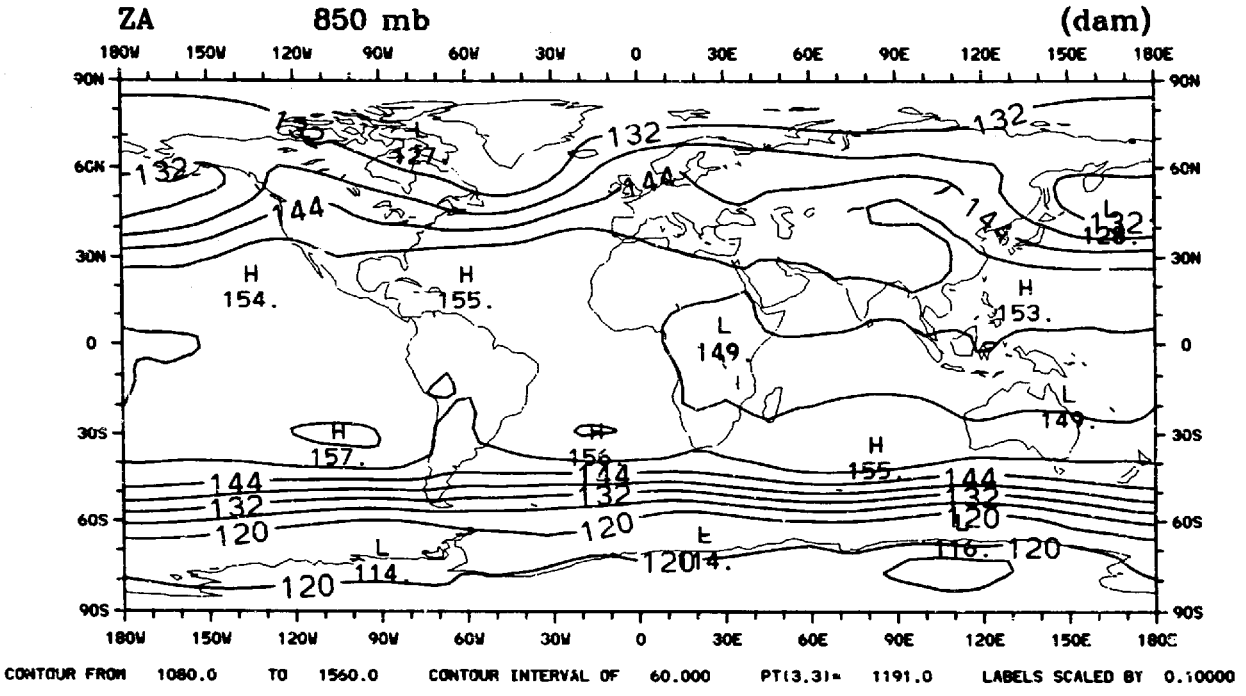

FRAME 1.21

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



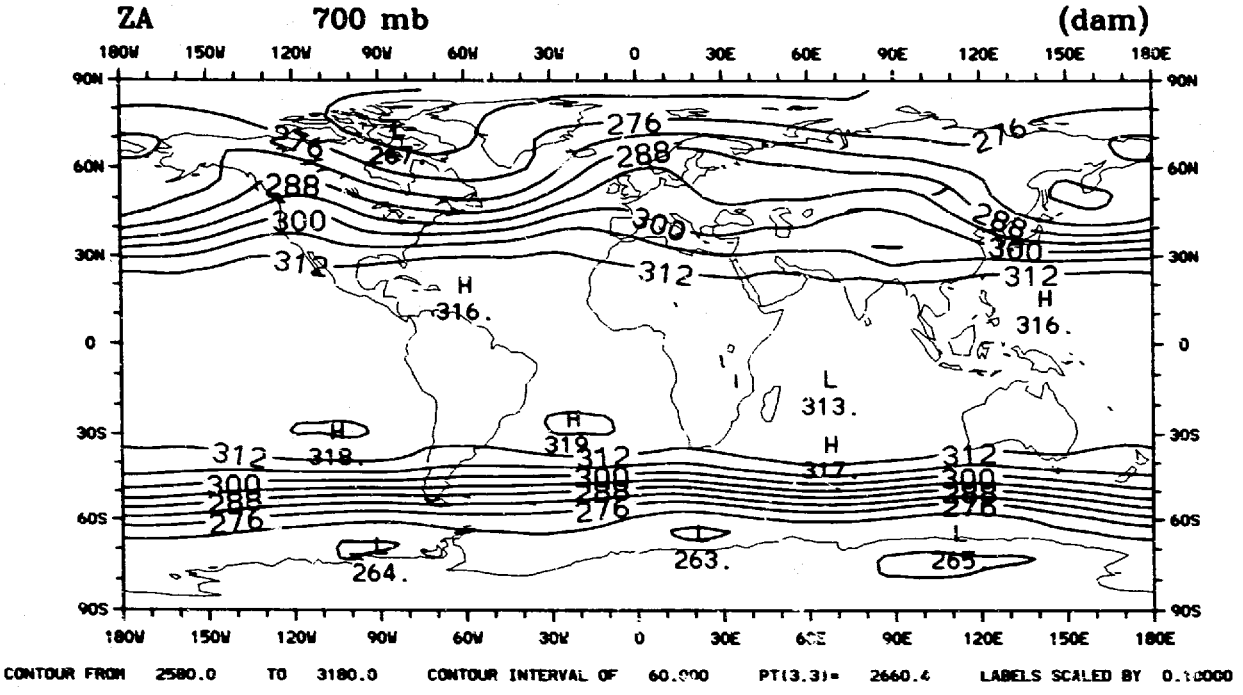

FRAME 1.22

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



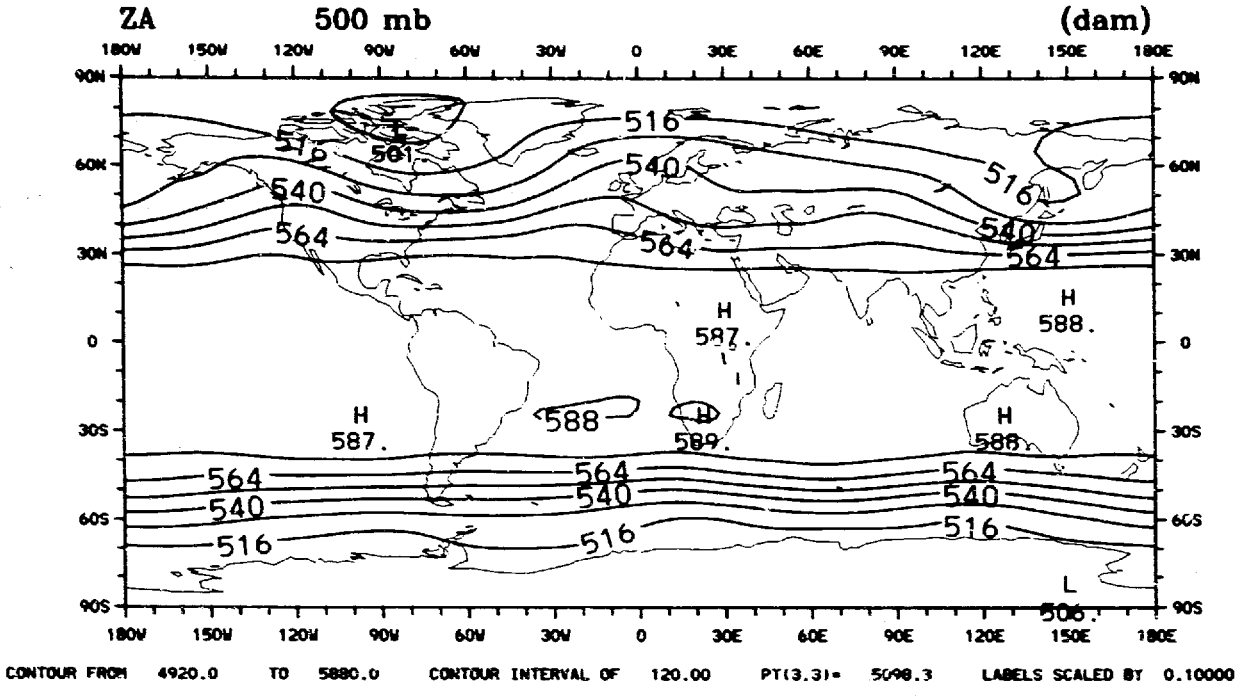

FRAME 1.23

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



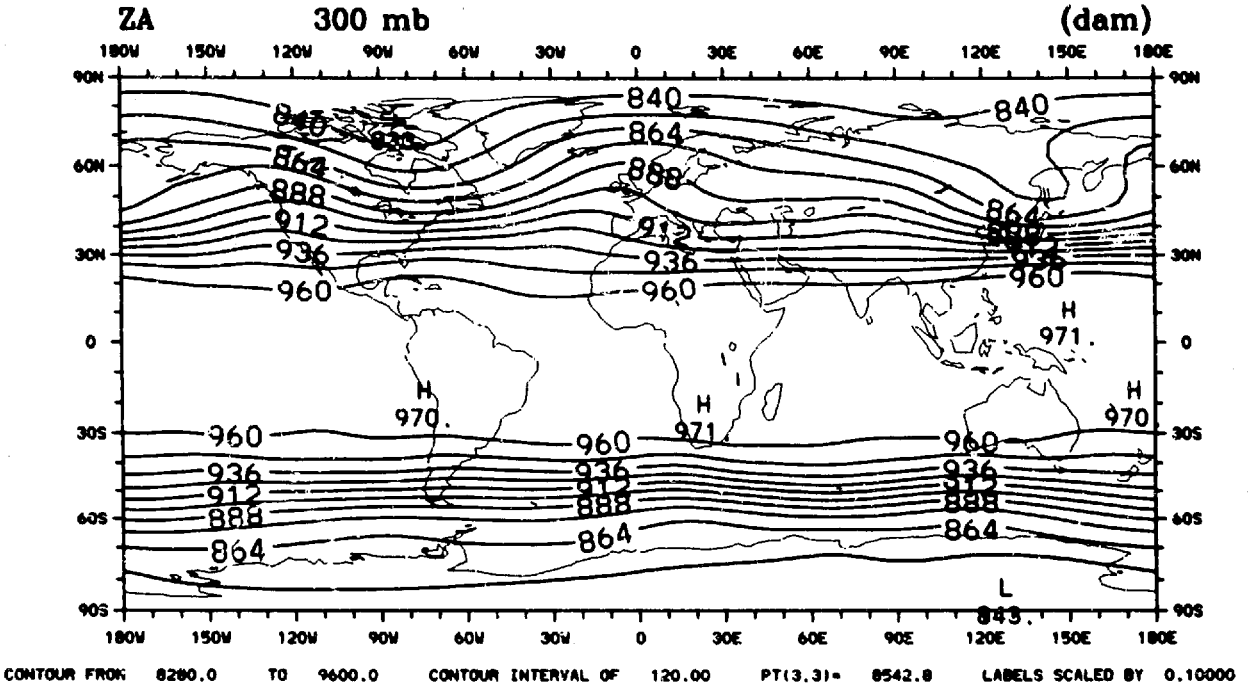

FRAME 1.24

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



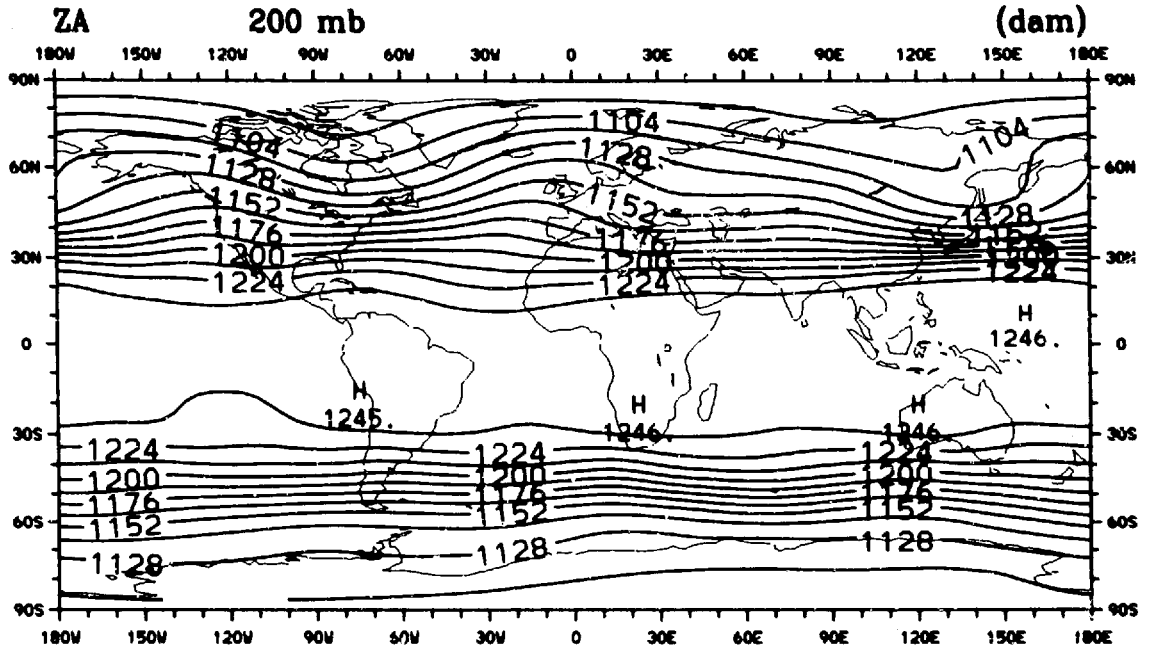

FRAME 1.25

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



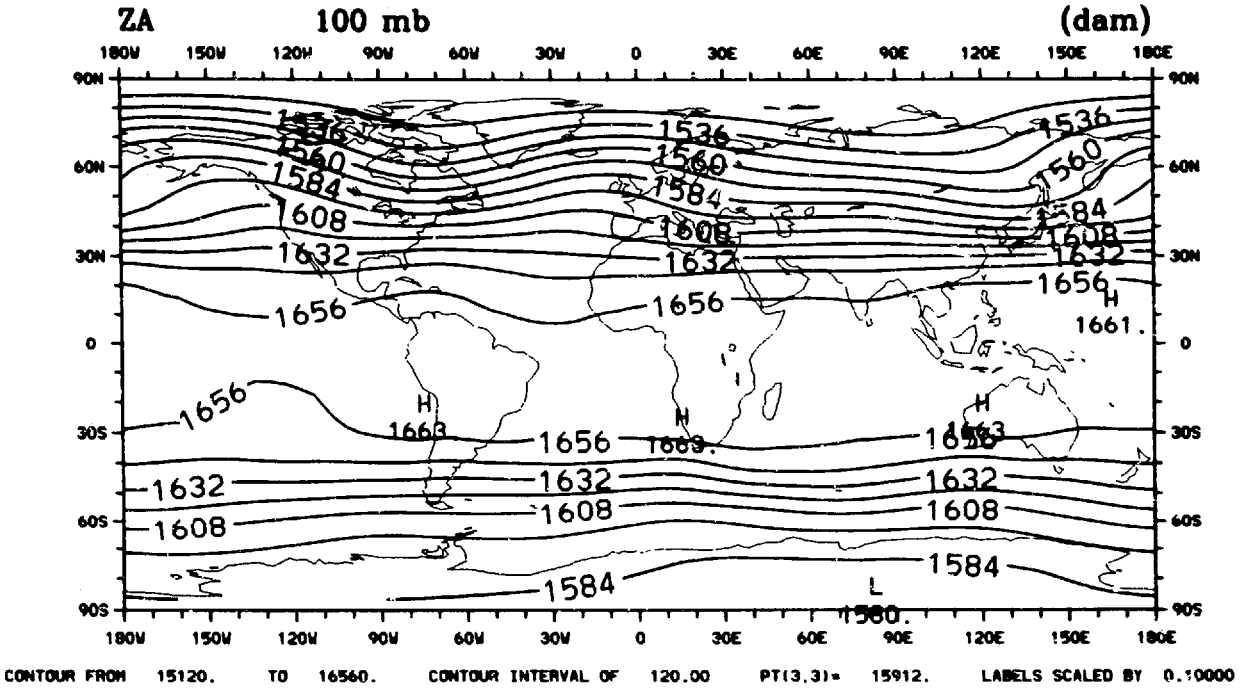

FRAME 1.26

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



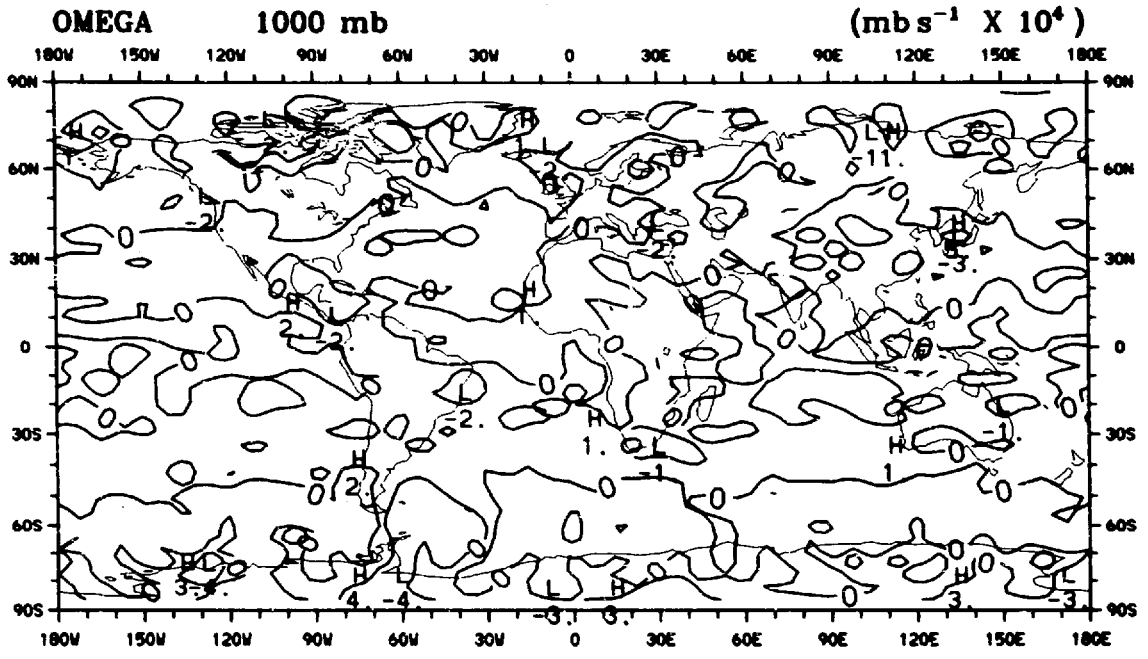

FRAME 1.27

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.28

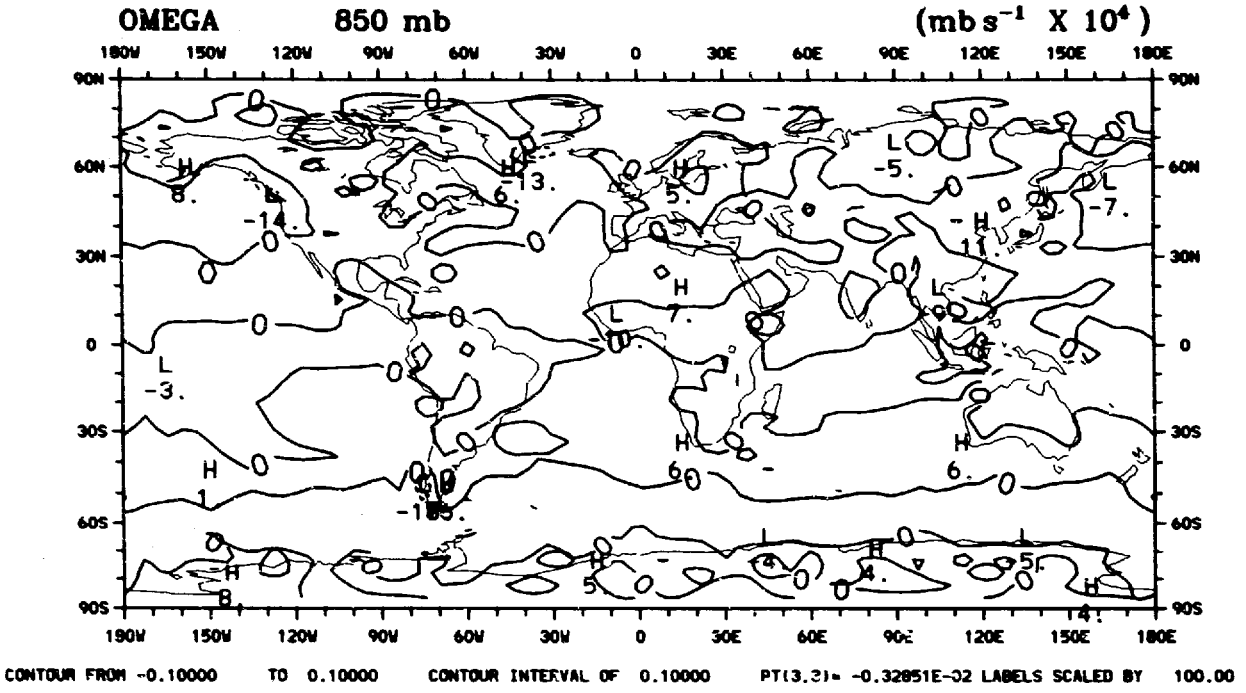
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.17676E-01 LABELS SCALED BY 100.00

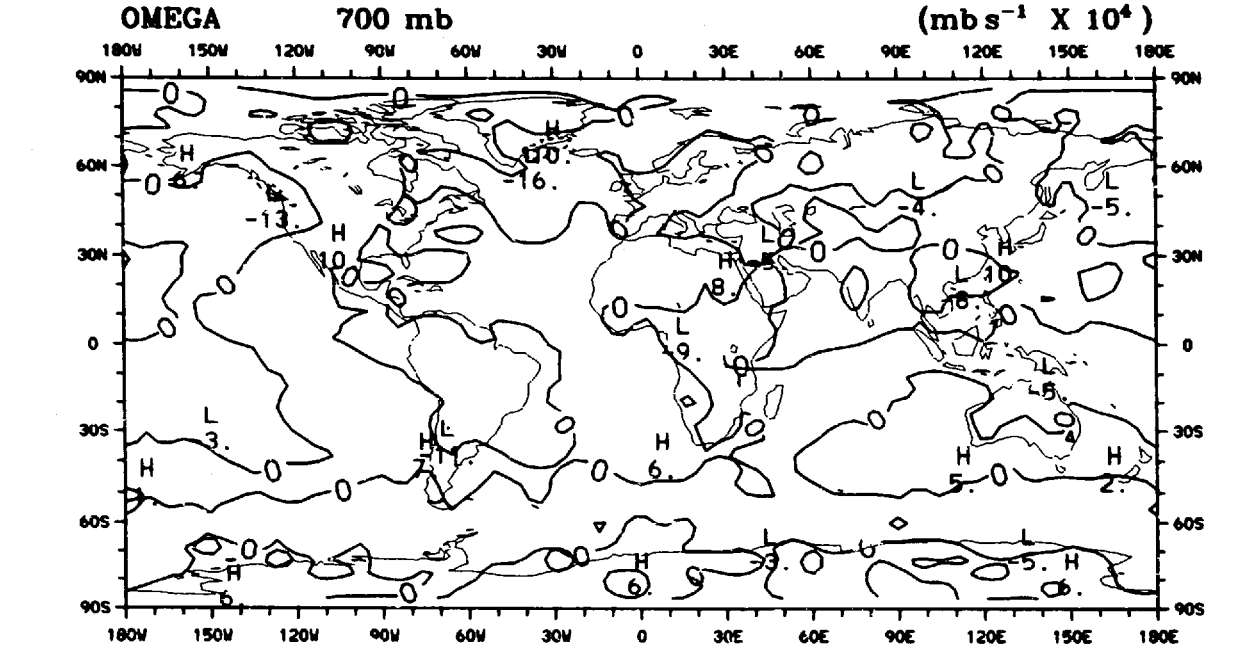
FRAME 1.29

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.30

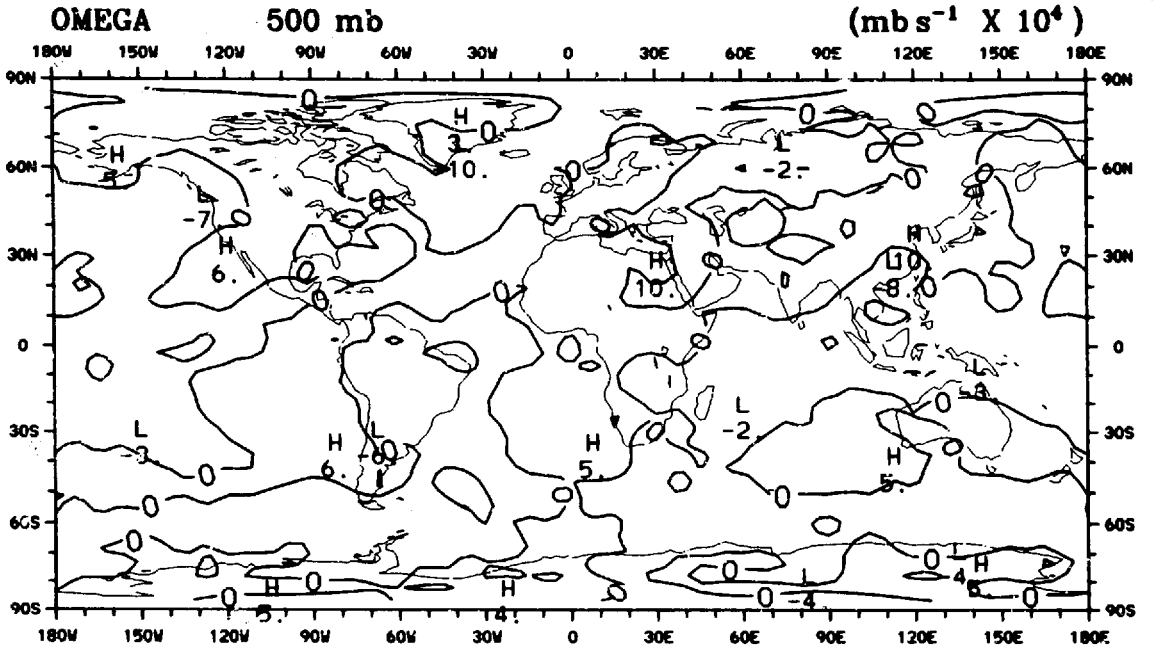
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.10175E-01 LABELS SCALED BY 100.00

FRAME 1.31

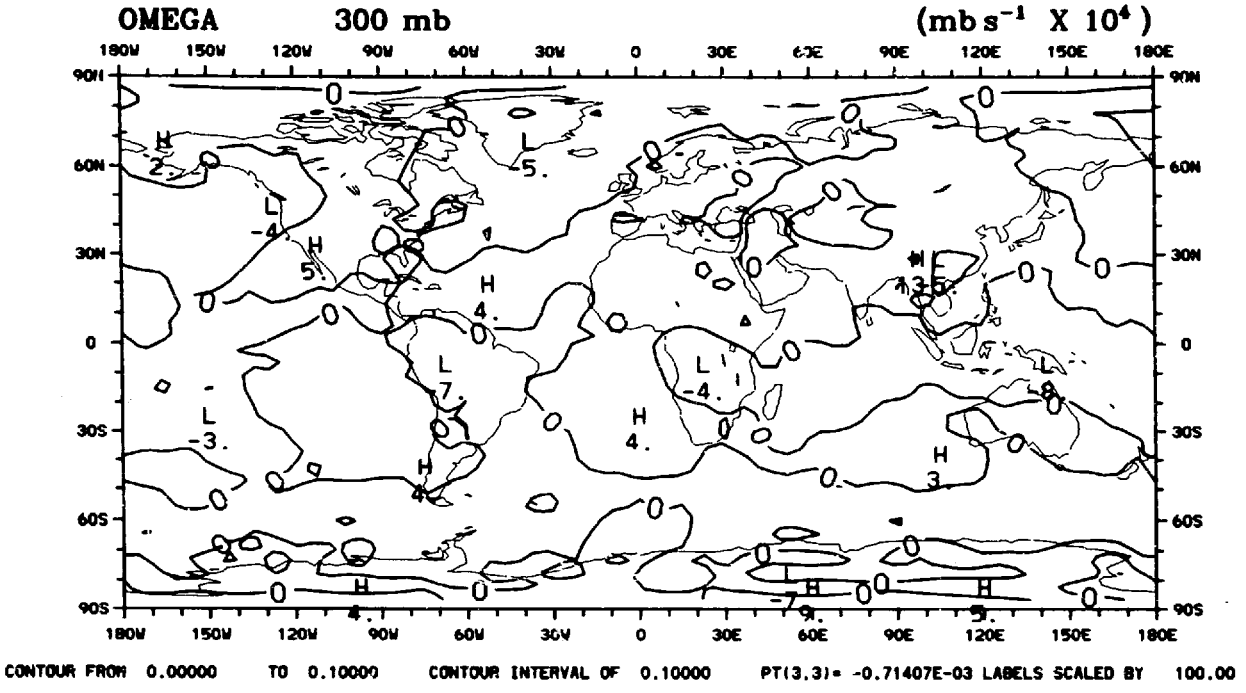
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.44503E-02 LABELS SCALED BY 100.00

FRAME 1.32

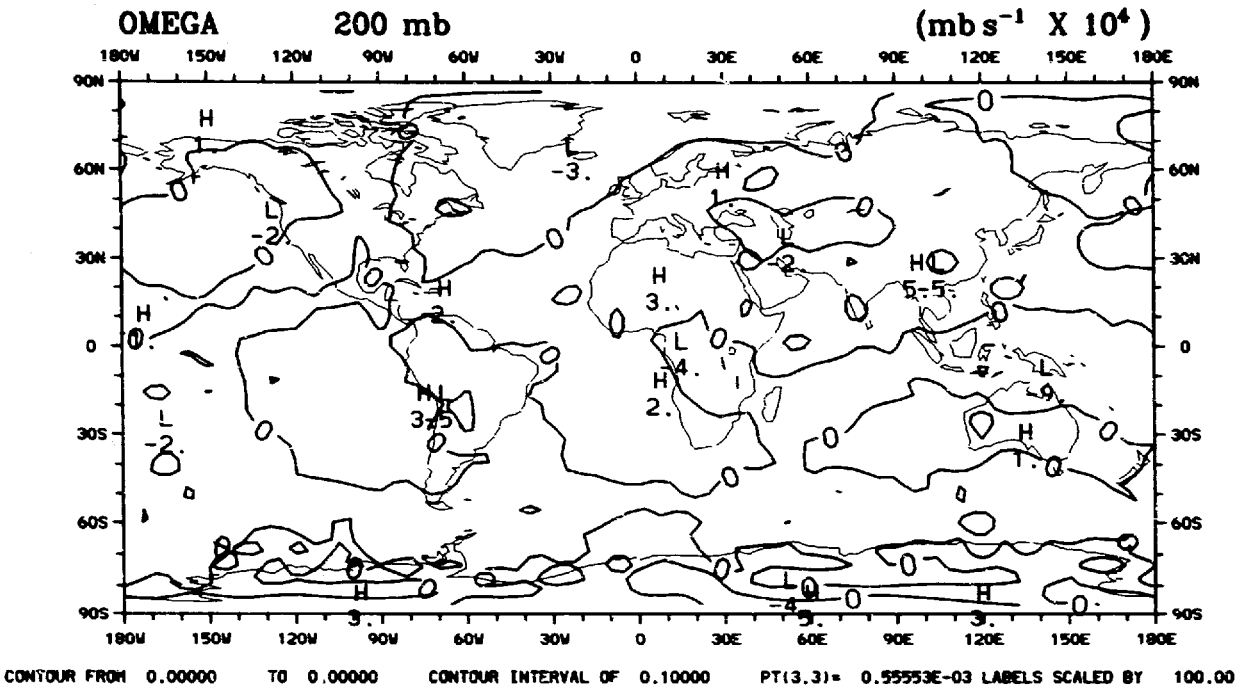
# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.71407E-03 LABELS SCALED BY 100.00

FRAME 1.33

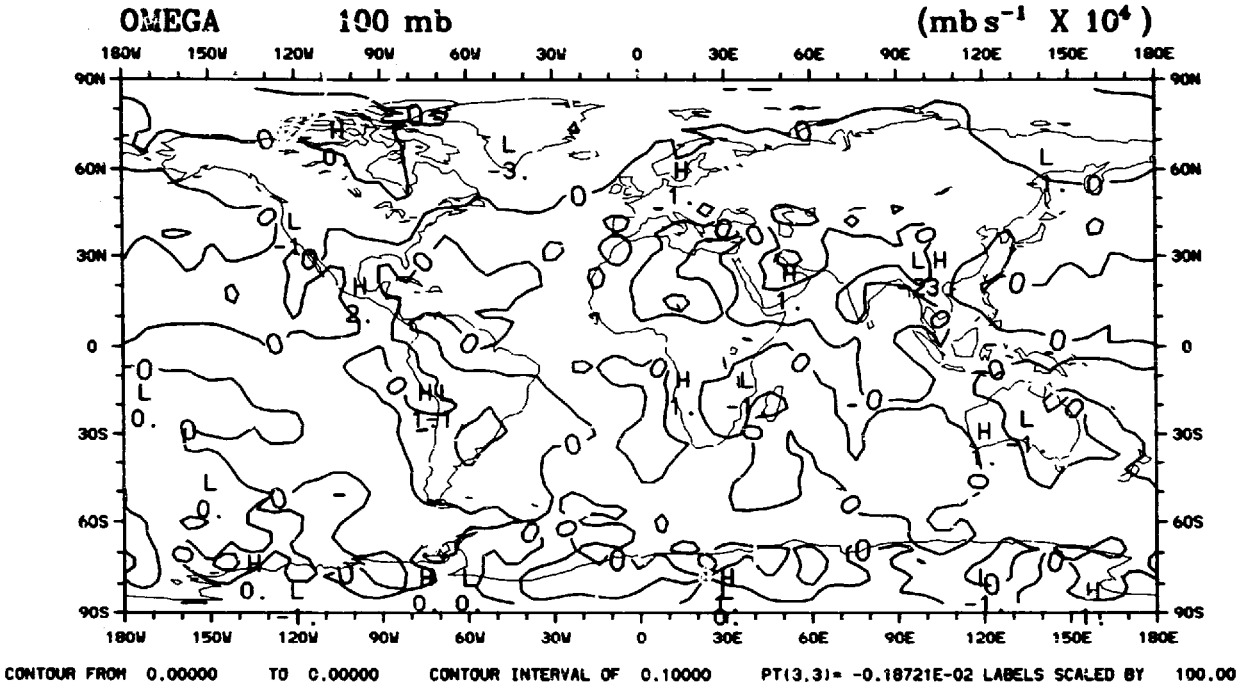
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.55553E-03 LABELS SCALED BY 100.00

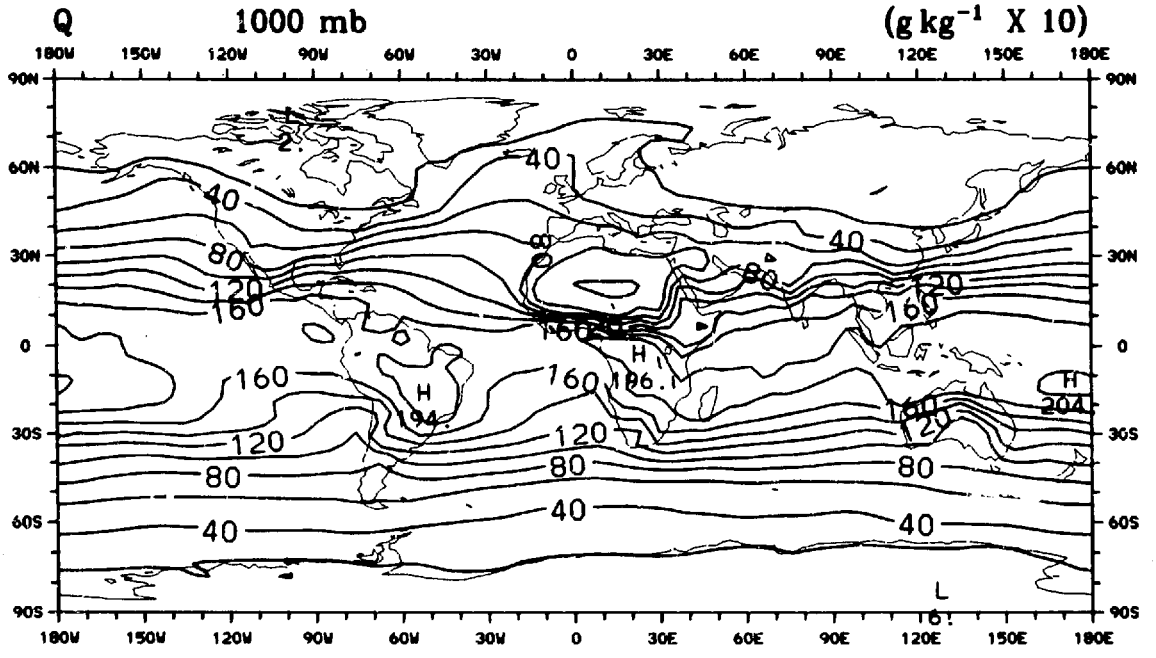
FRAME 1.34

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



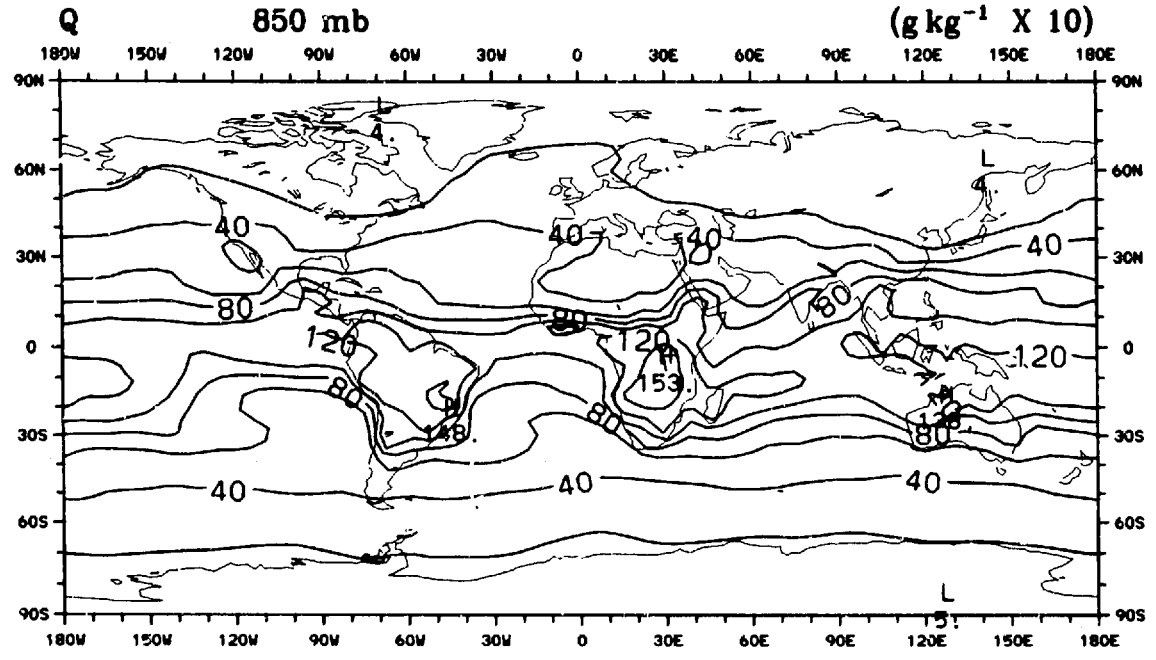

FRAME 1.35

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.36

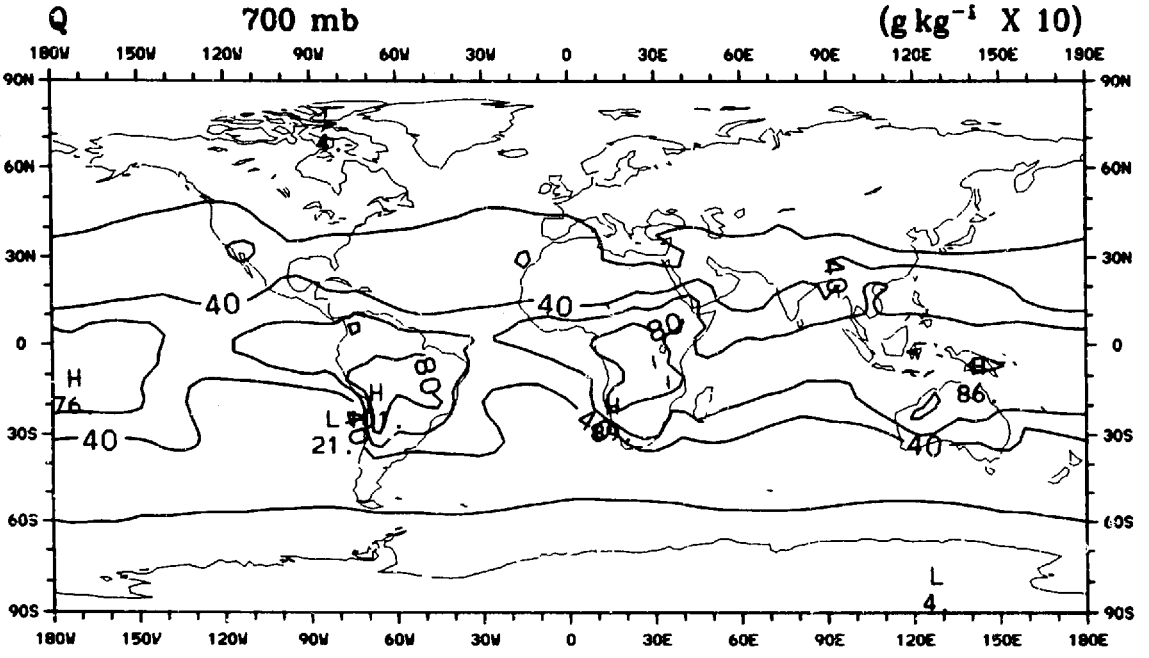
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.13232E-02 LABELS SCALED BY 10000.

FRAME 1.37

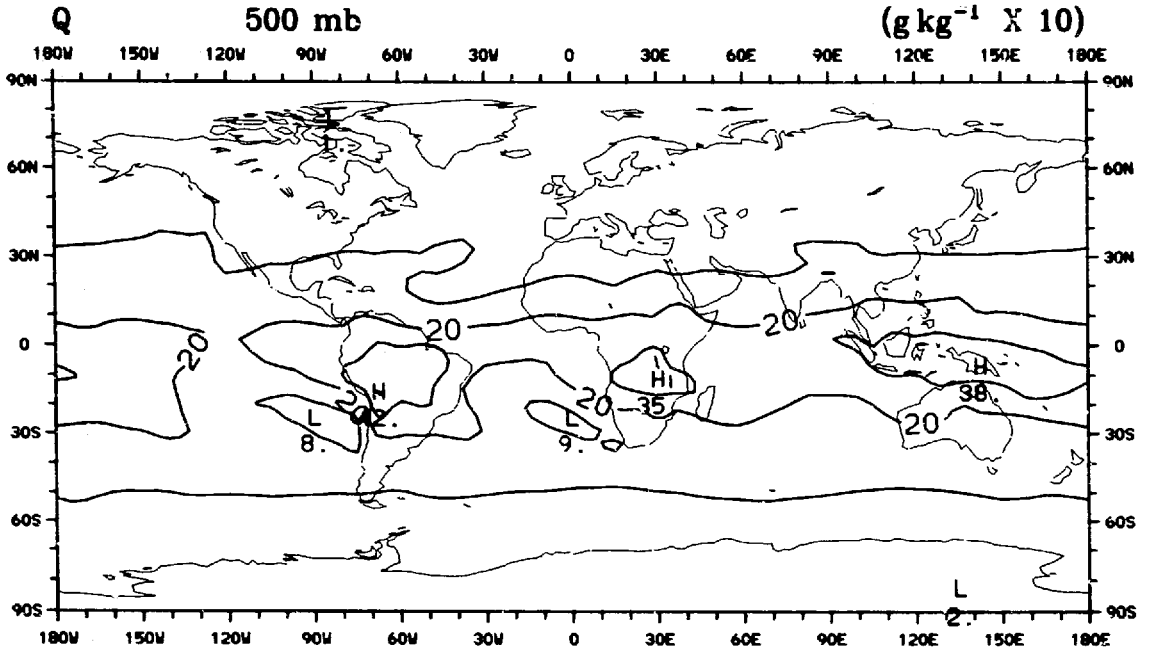
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.89750E-03 LABELS SCALED BY 10000.

FRAME 1.38

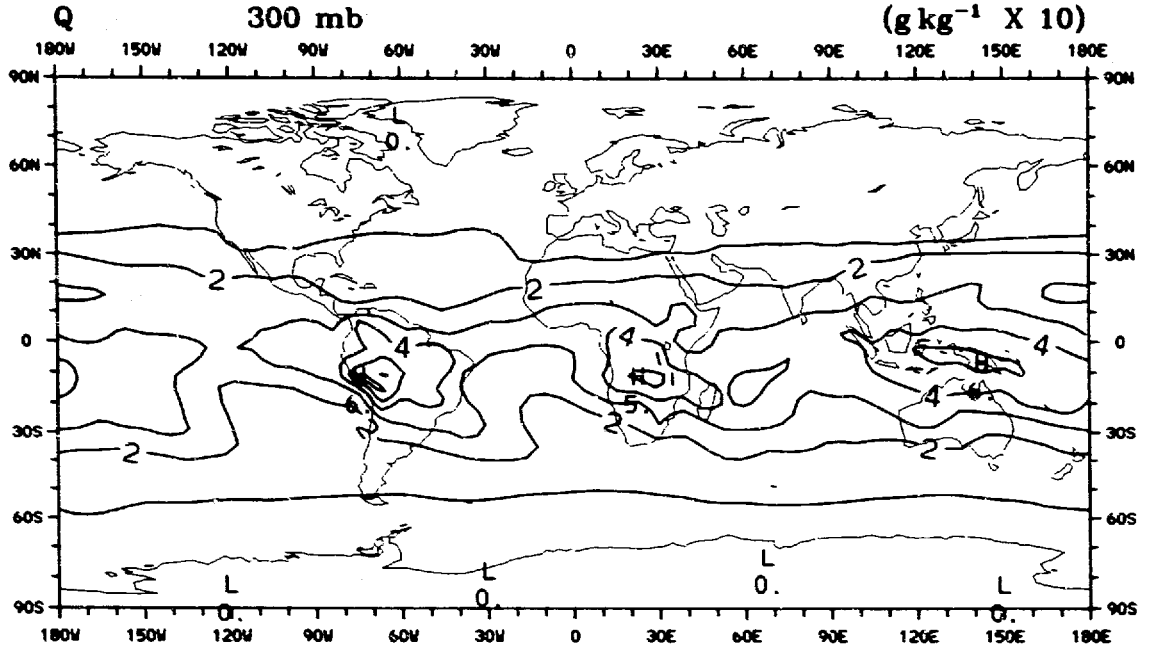
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.35375E-03 LABELS SCALED BY 10000.

FRAME 1.39

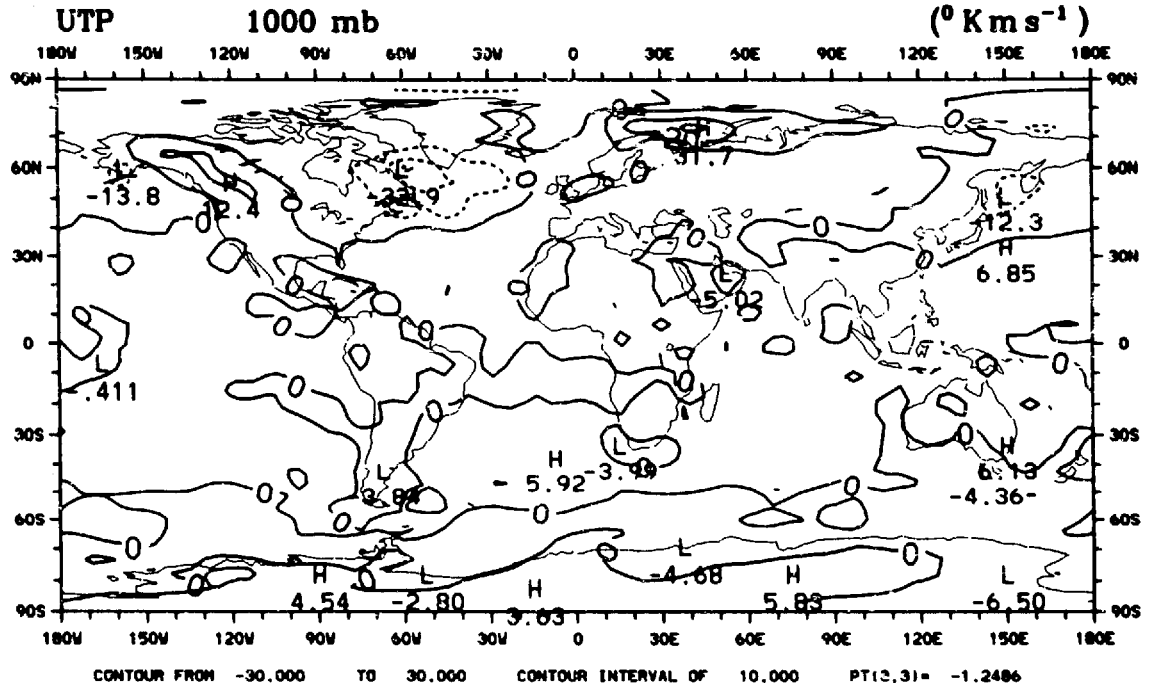
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.60000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.46399E-04 LABELS SCALED BY 10000.

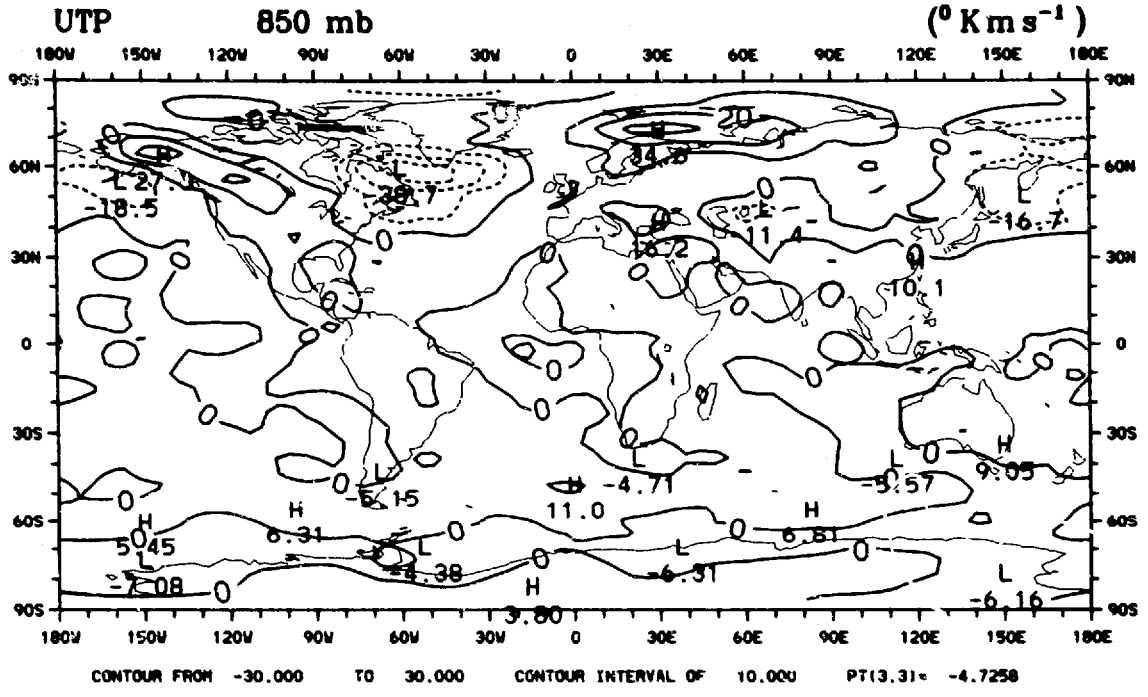
FRAME 1.40

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



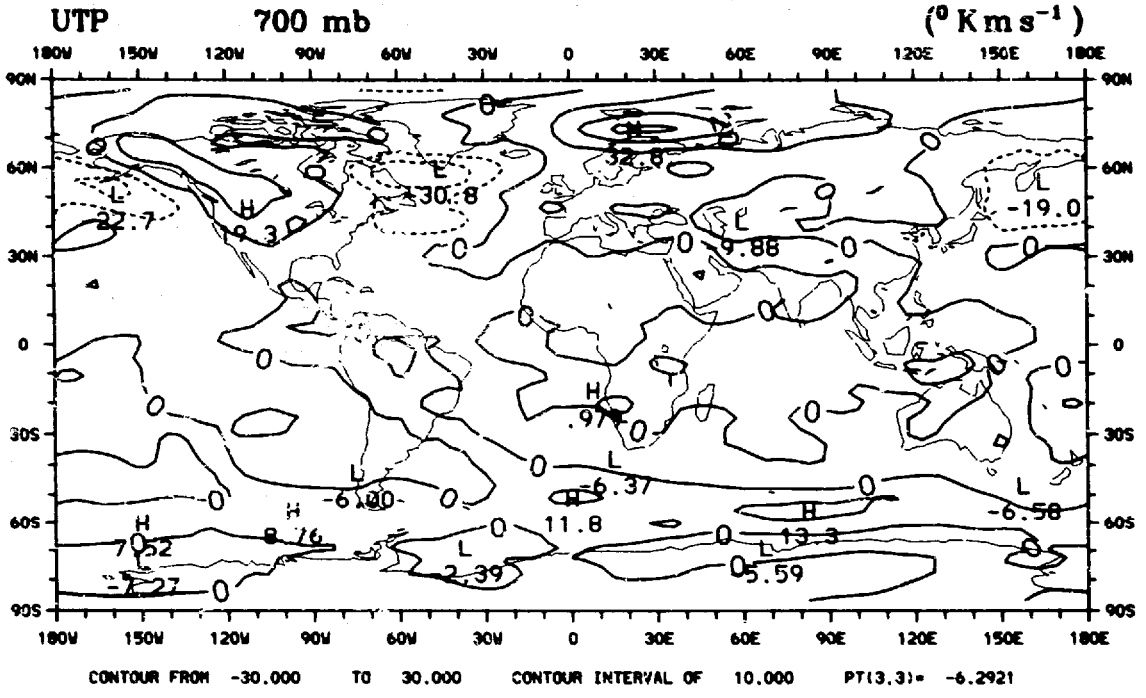

FRAME 1.41

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



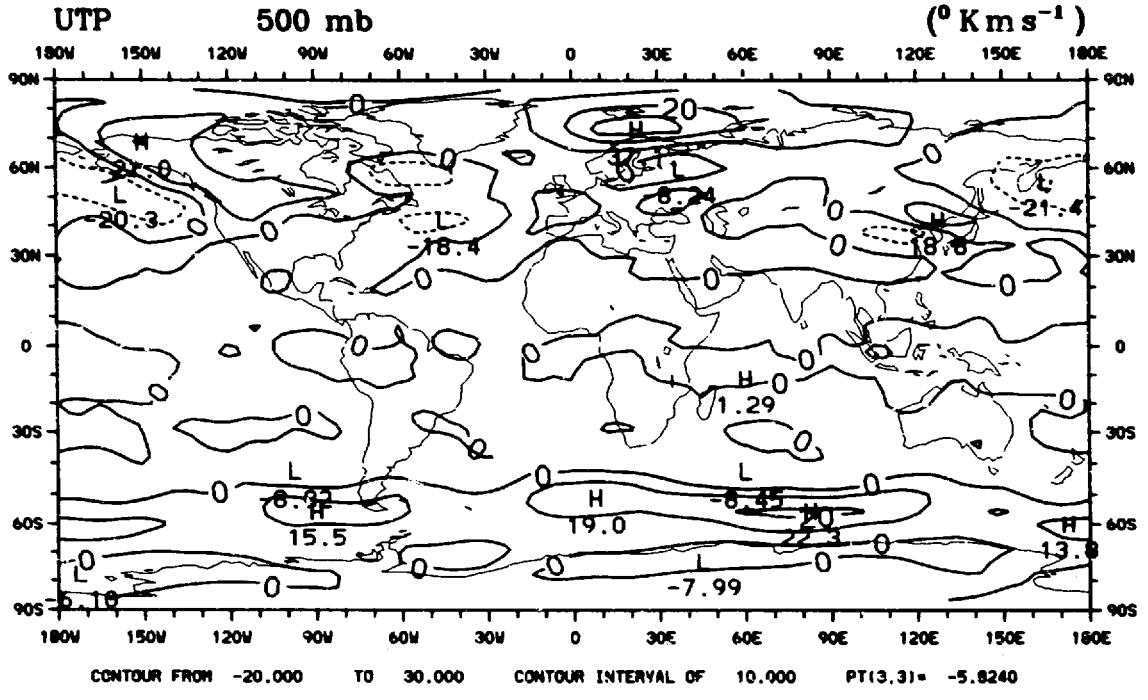

FRAME 1.42

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



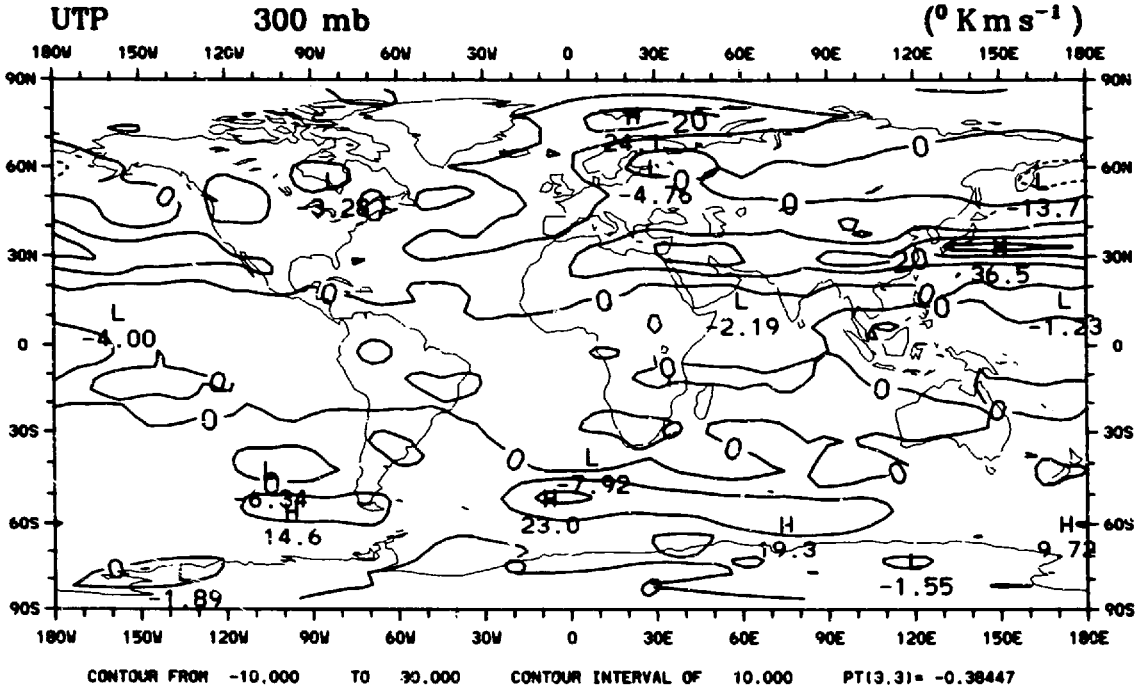

FRAME 1.43

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

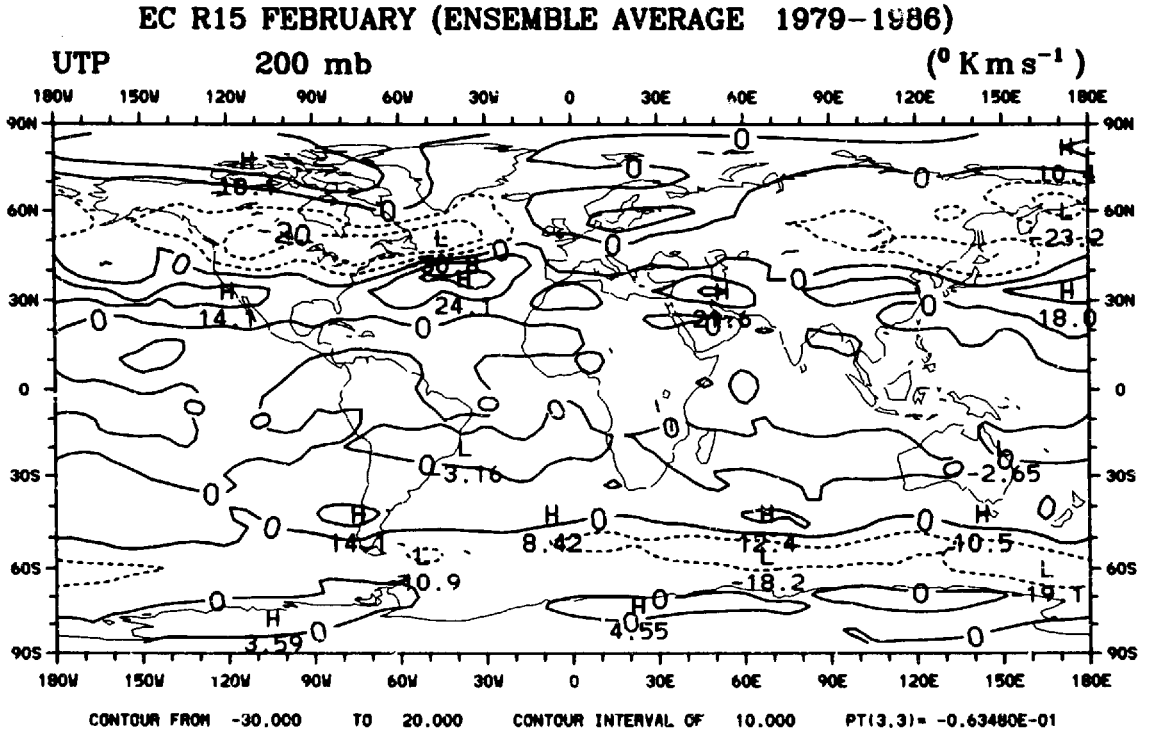



FRAME 1.44

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

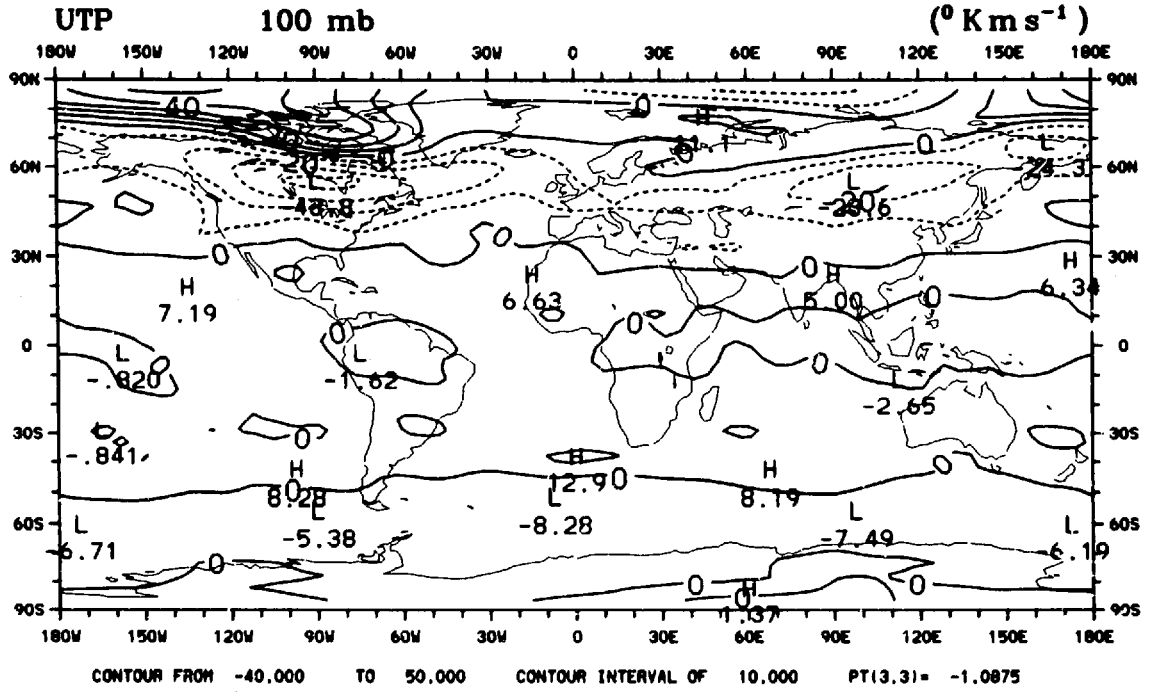



FRAME 1.45


EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)
UTP 200 mb ($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -30.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -0.63480E-01

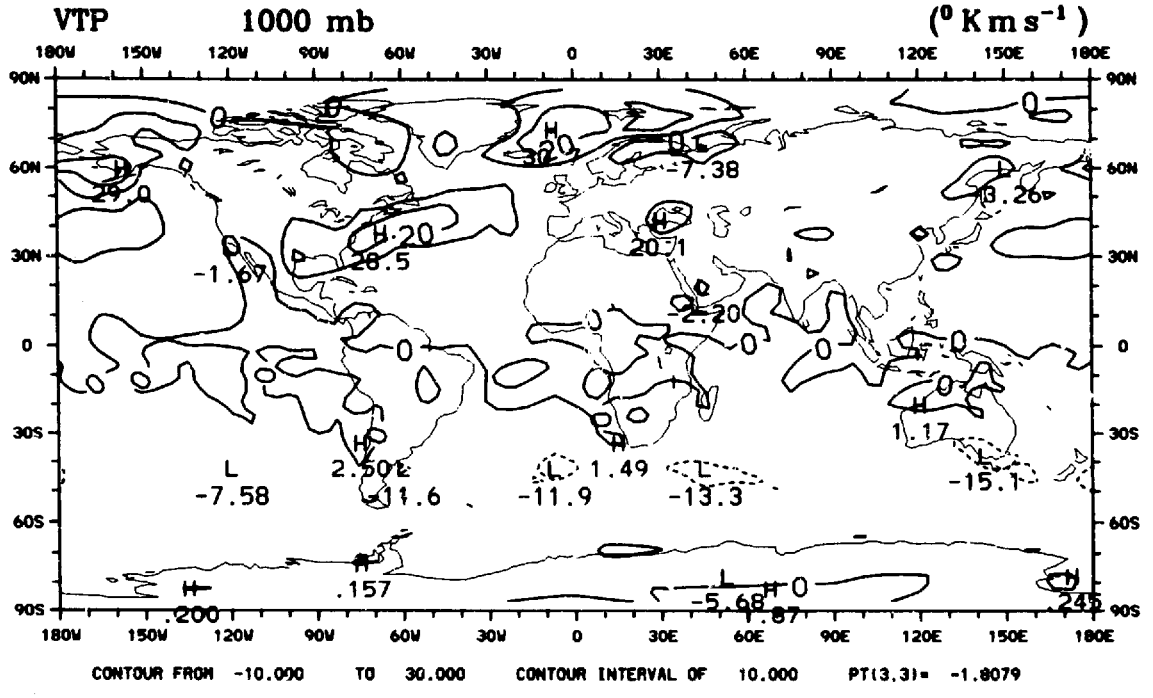
FRAME 1.46

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



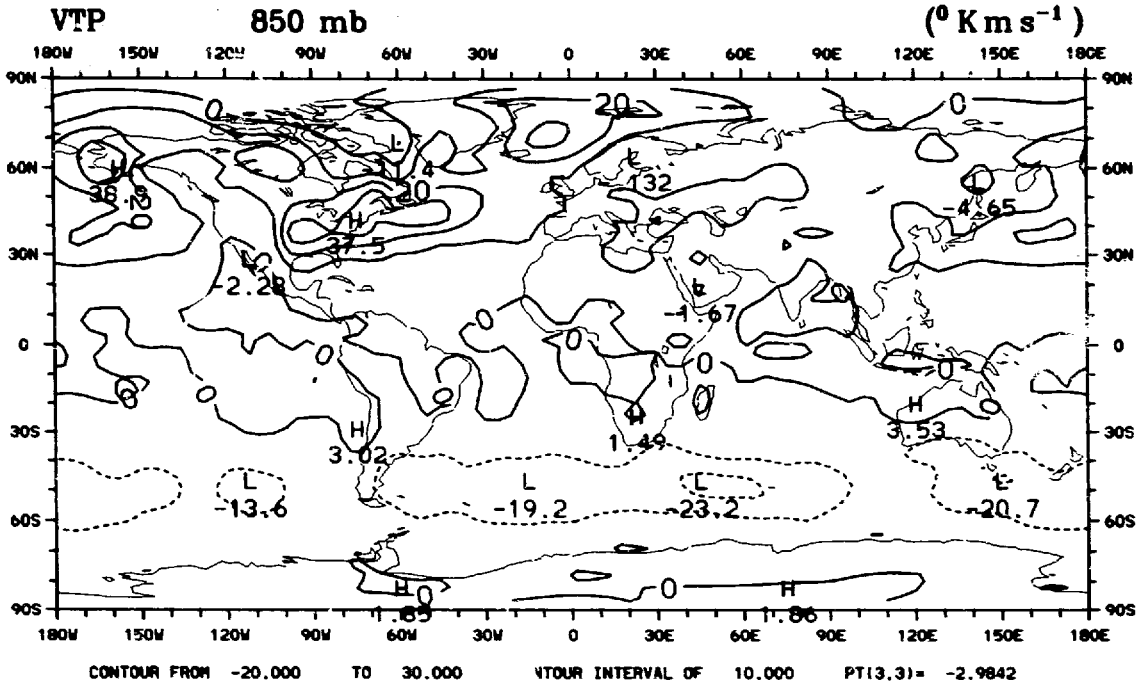

FRAME 1.47

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



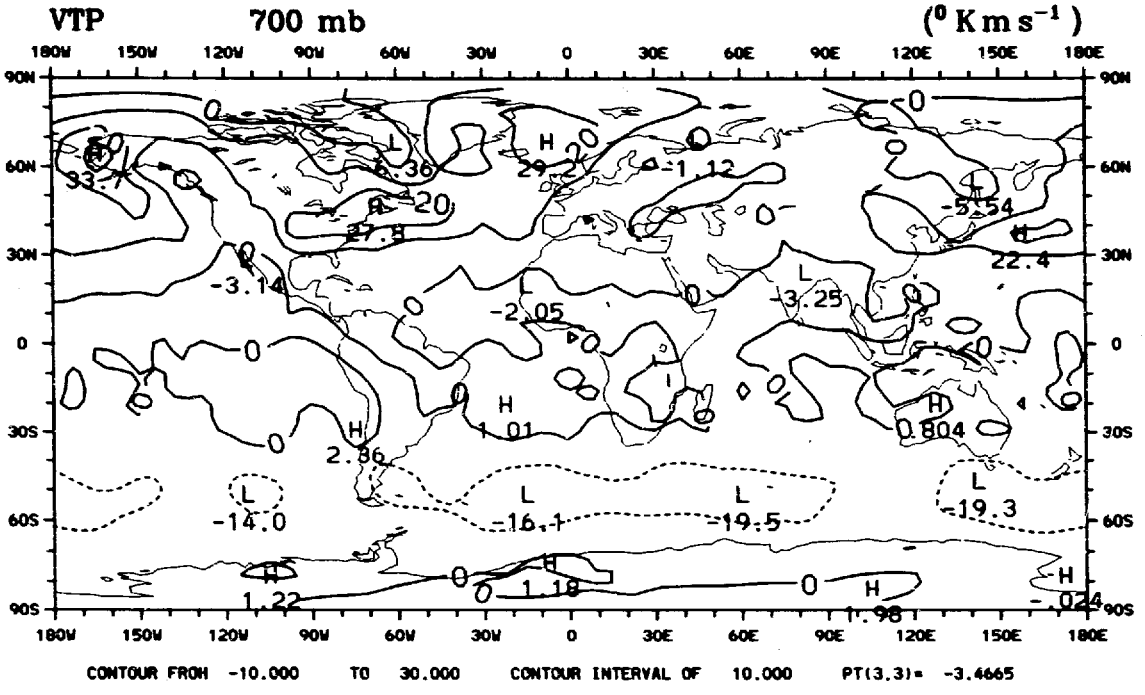

FRAME 1.48

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



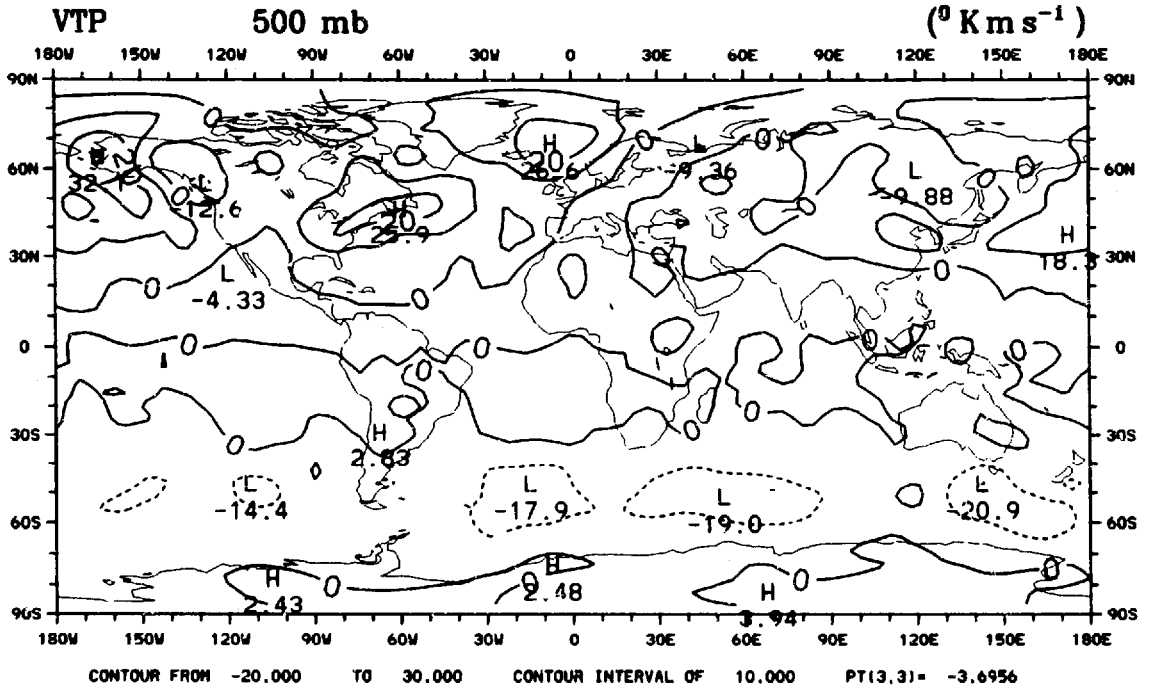

FRAME 1.49

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



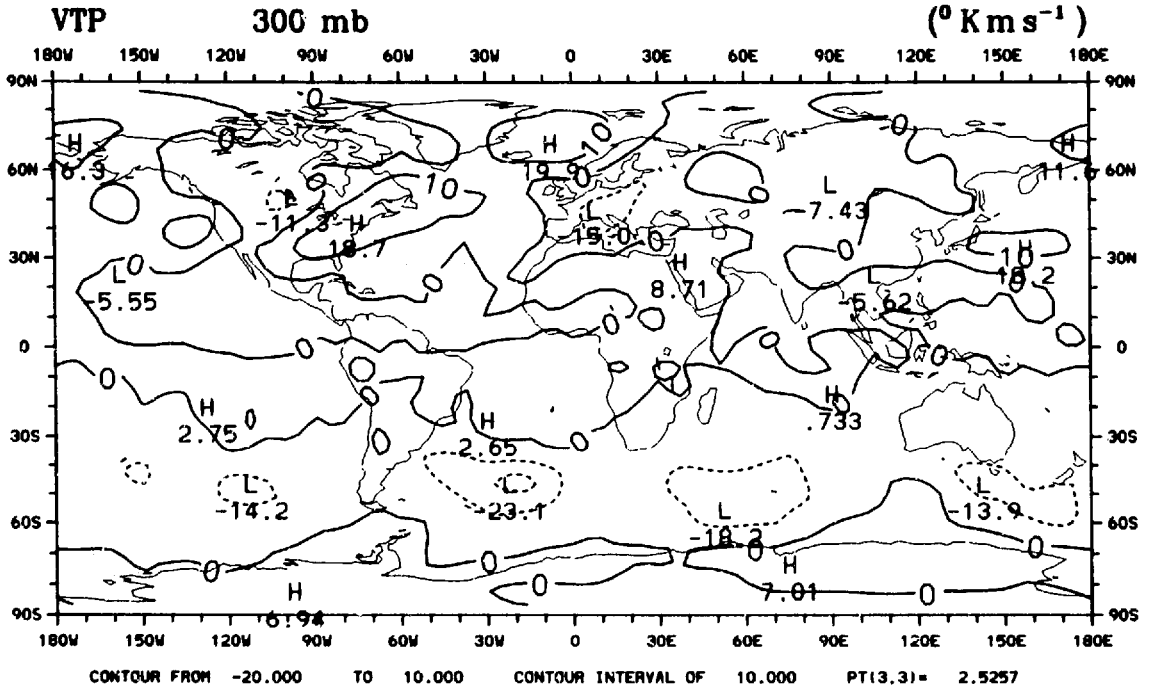

FRAME 1.50

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.51

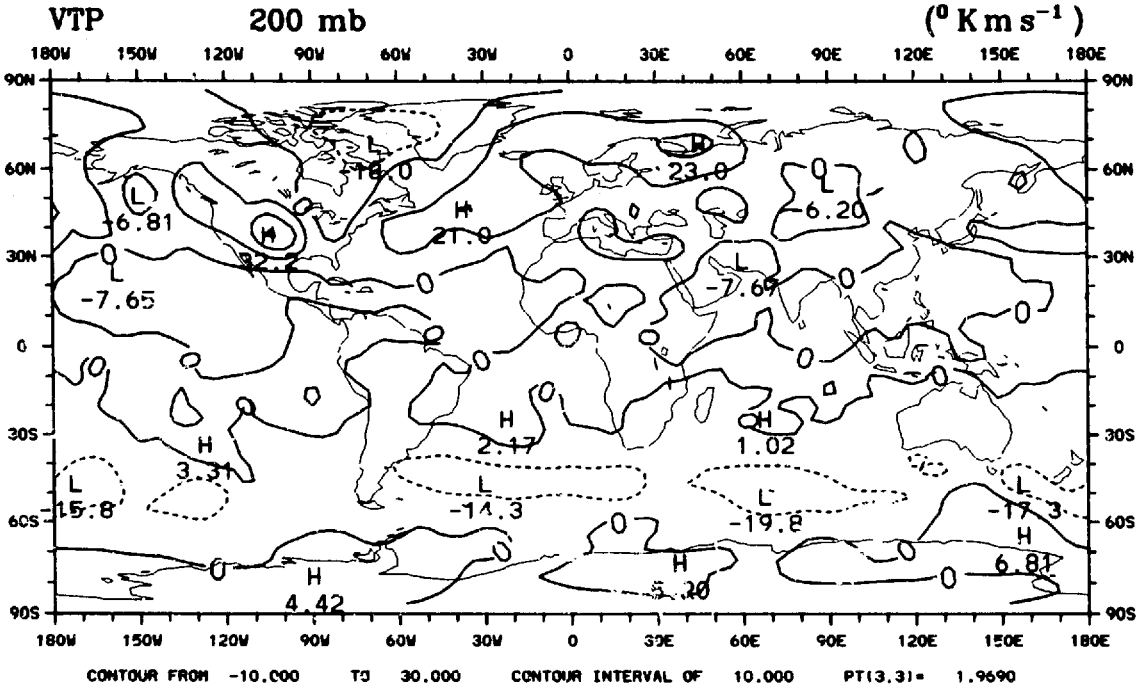
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -20.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 2.5257

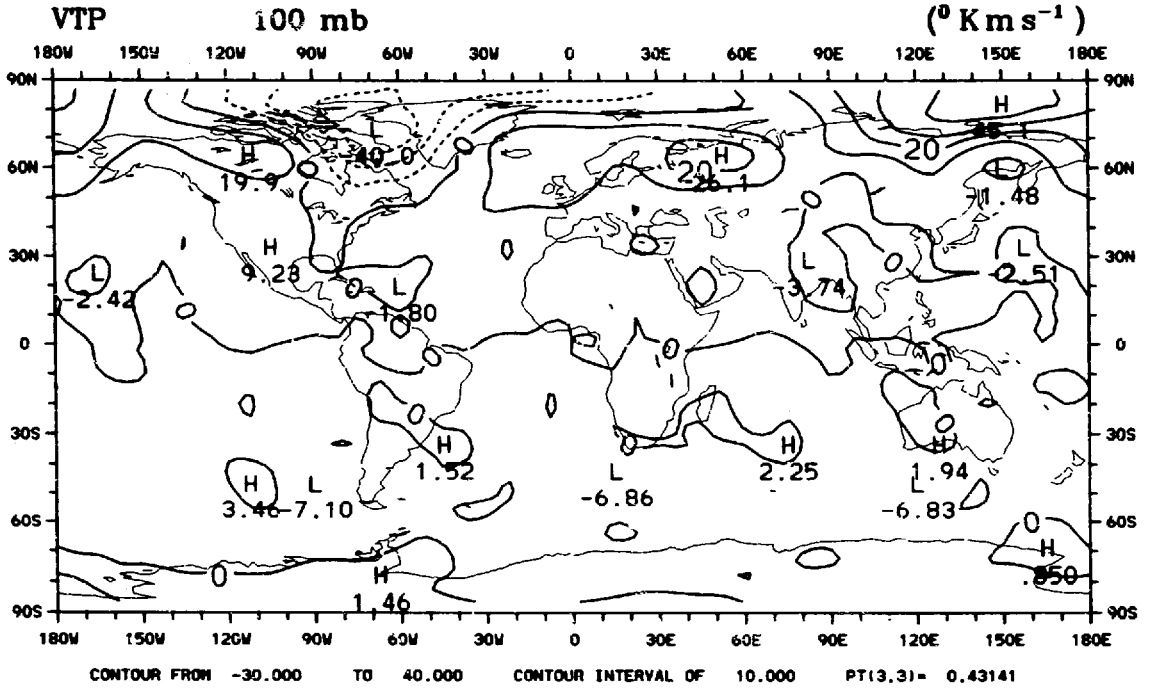
FRAME 1.52

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



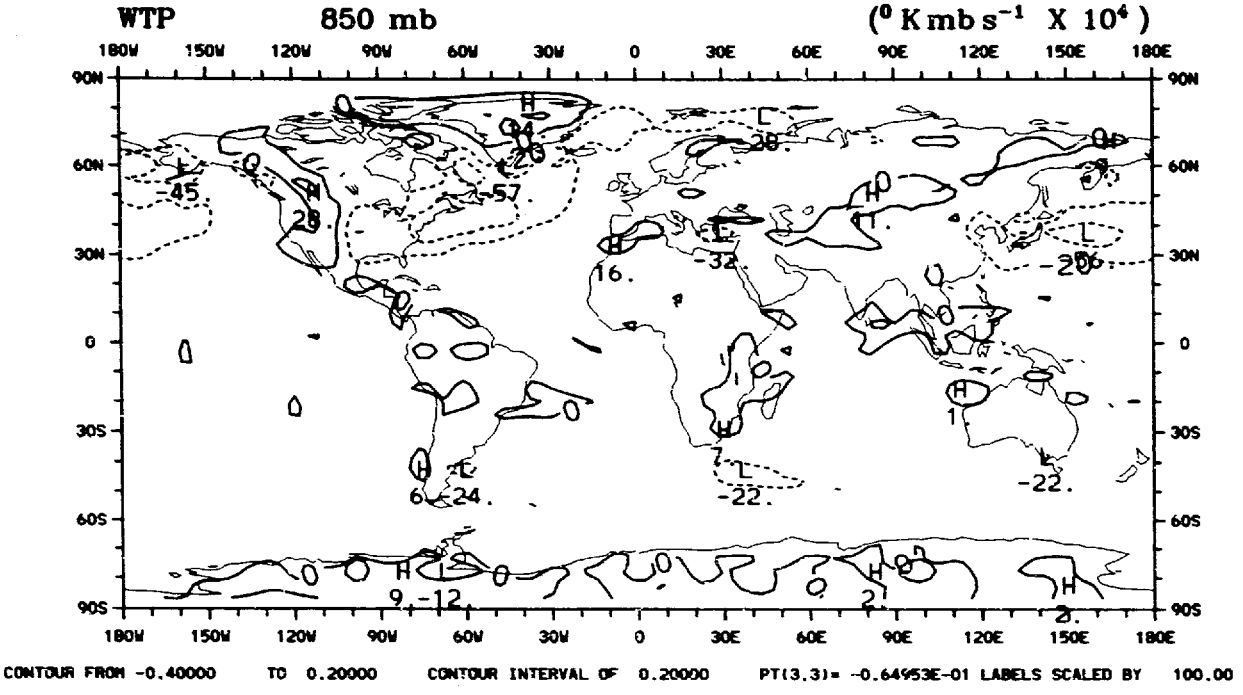

FRAME 1.53

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



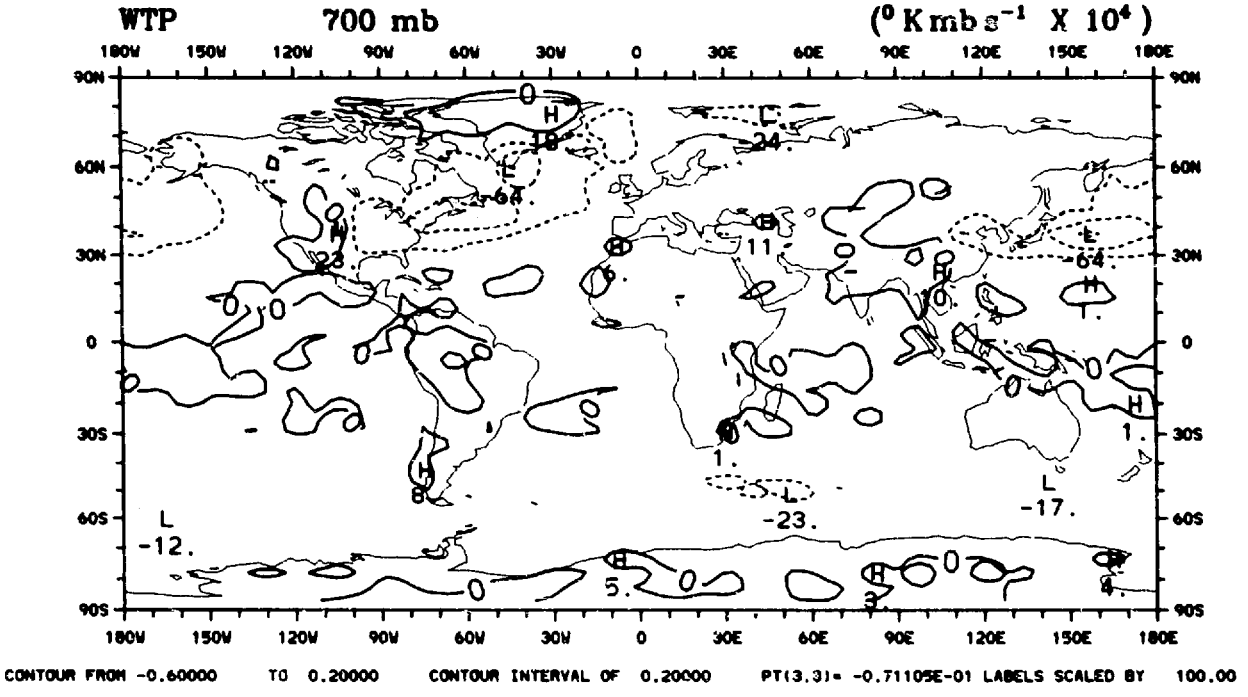

FRAME 1.54

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



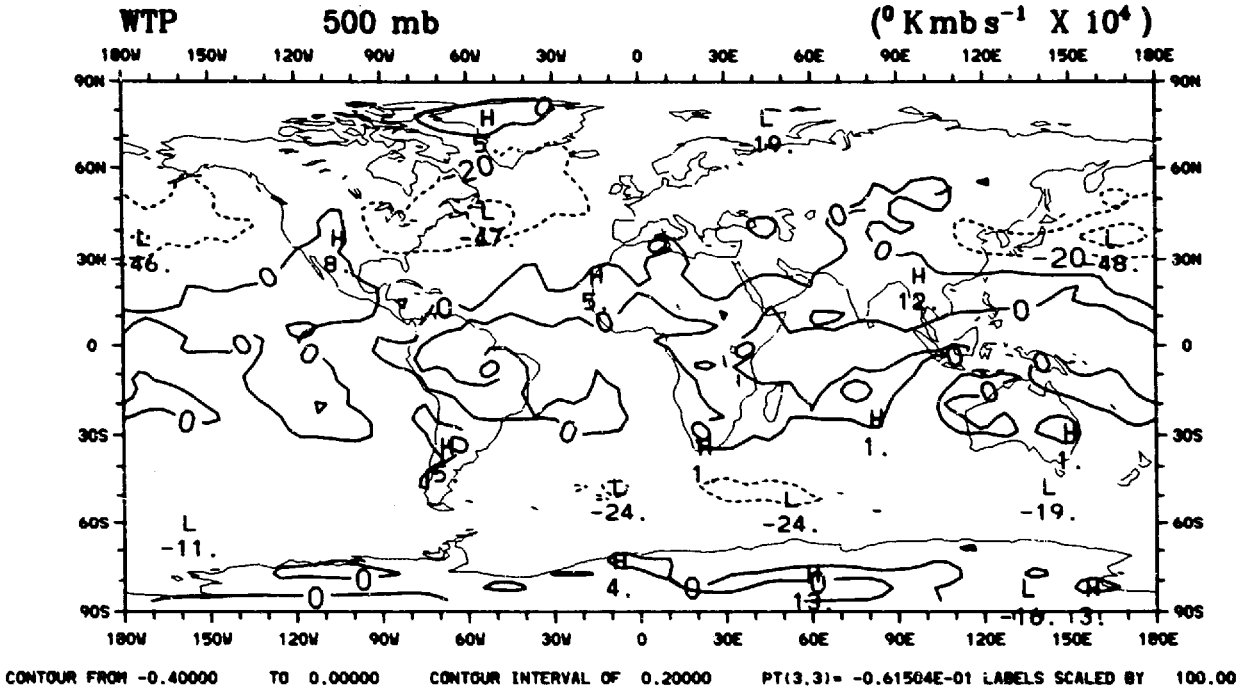

FRAME 1.55

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



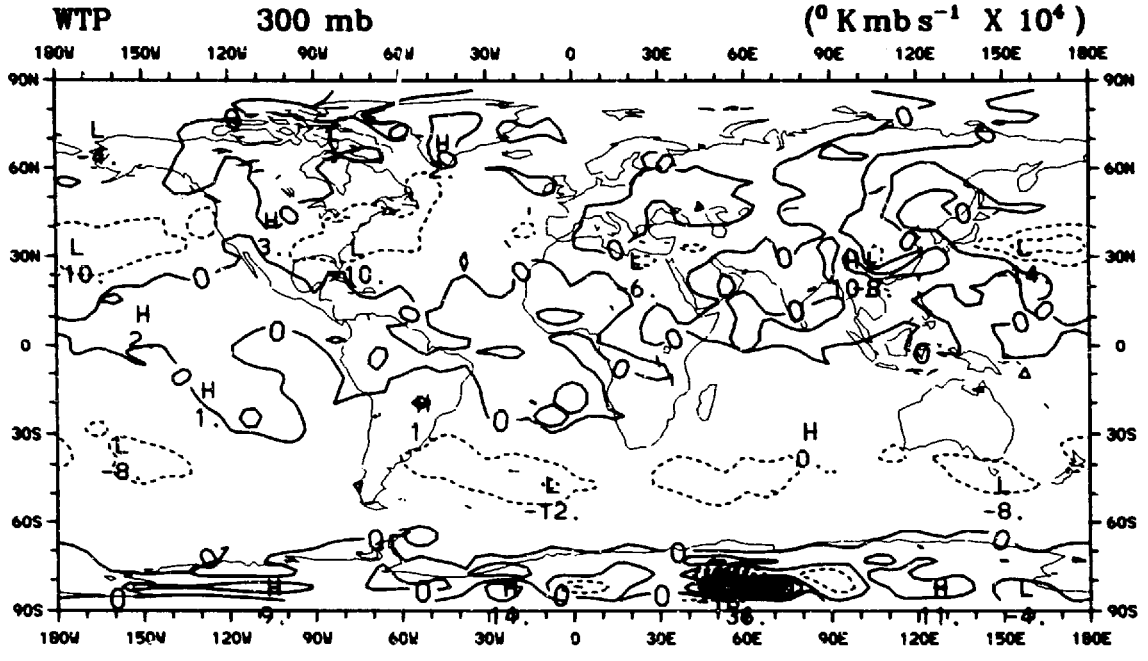

FRAME 1.55

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.57

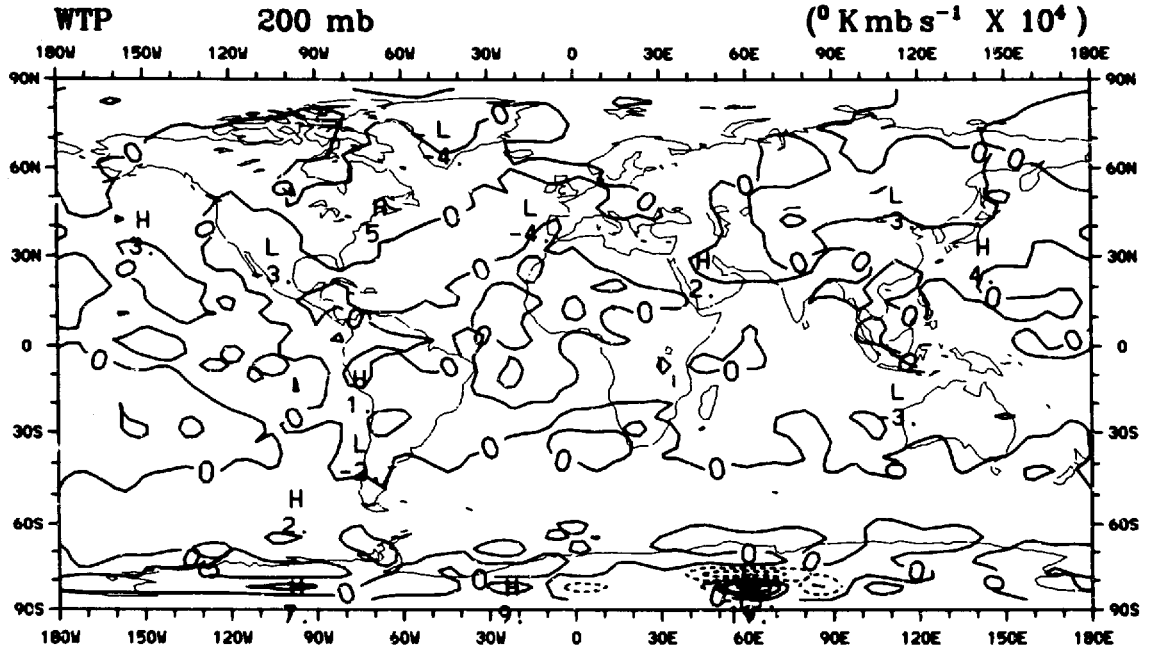
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000 TO 0.35000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.15497E-02 LABELS SCALED BY 100.00

FRAME 1.58

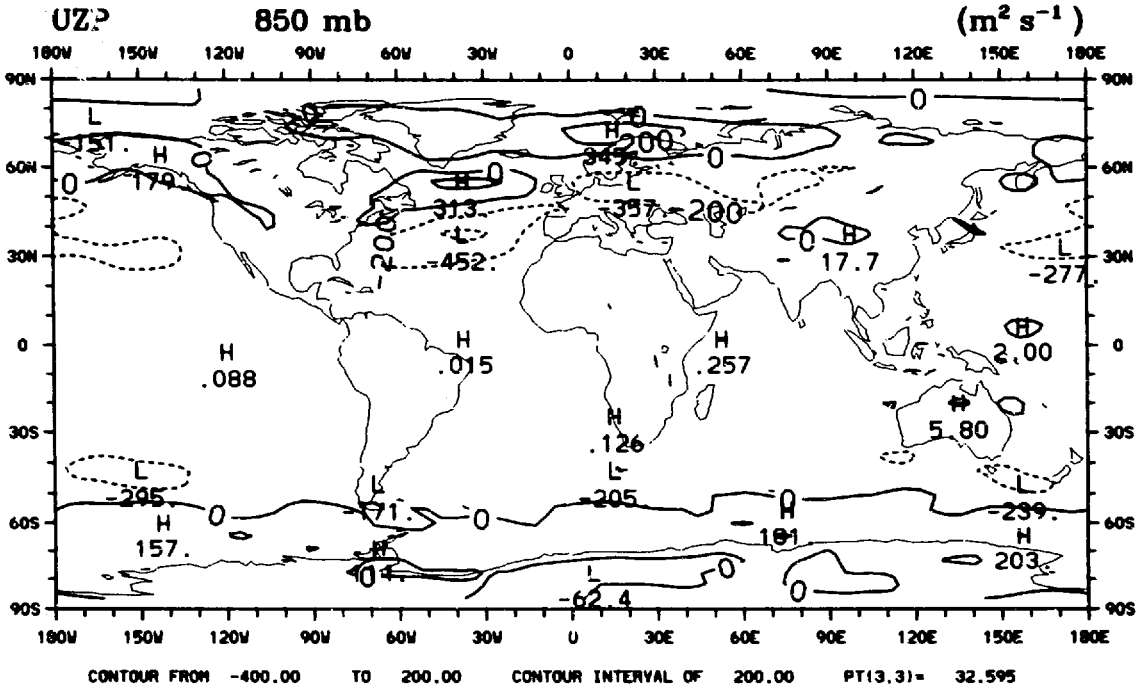
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000 TO 0.15000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.19693E-02 LABELS SCALED BY 100.00

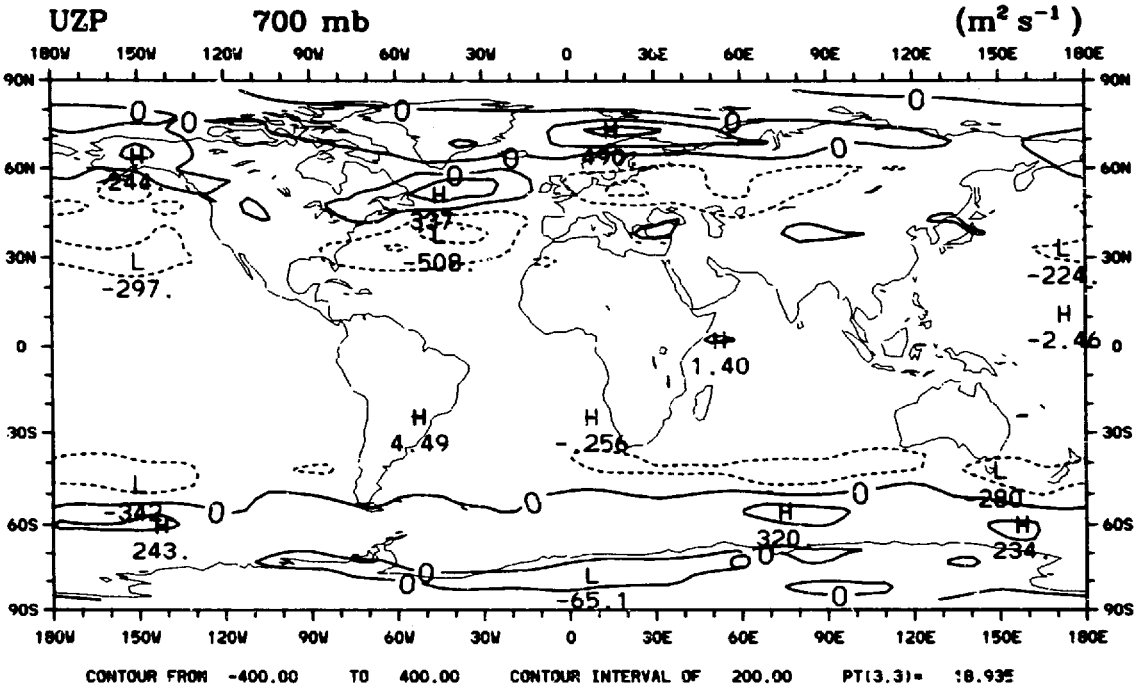
FRAME 1.59

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



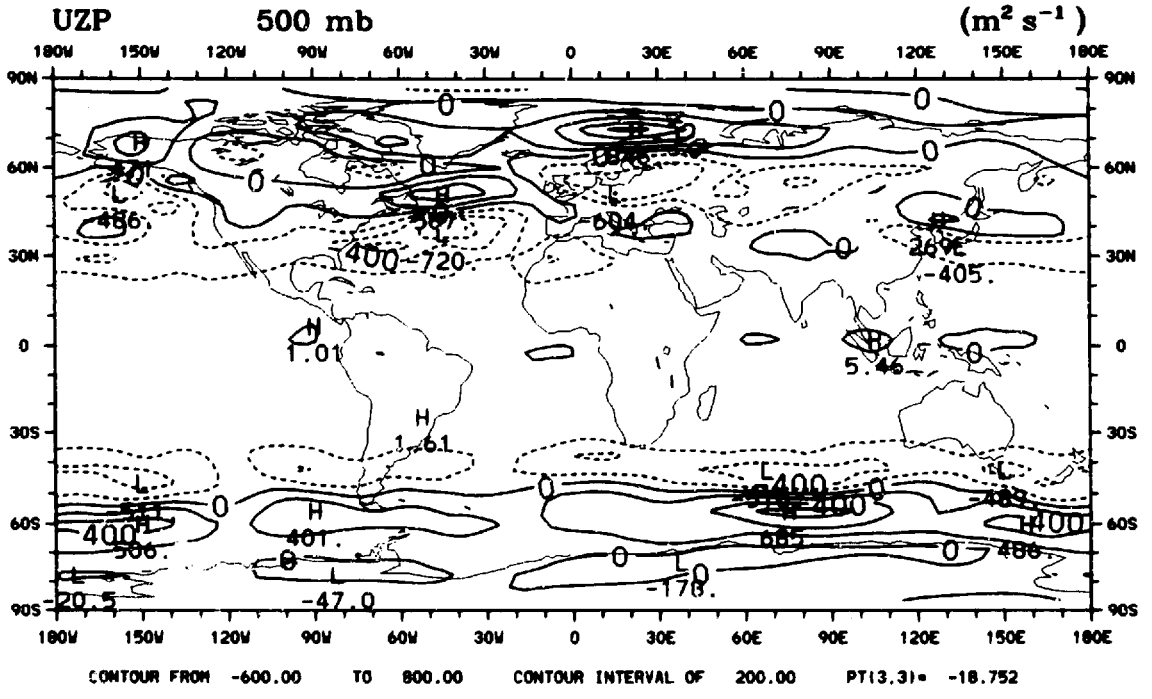

FRAME 1.60

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



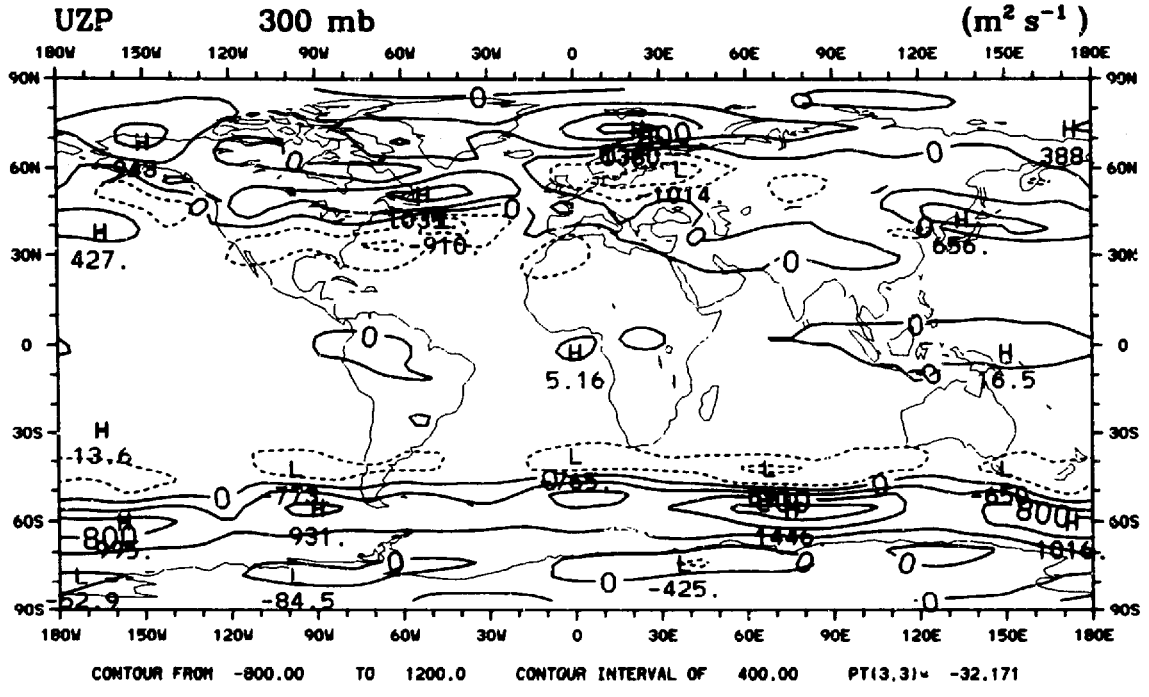

FRAME 1.61

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



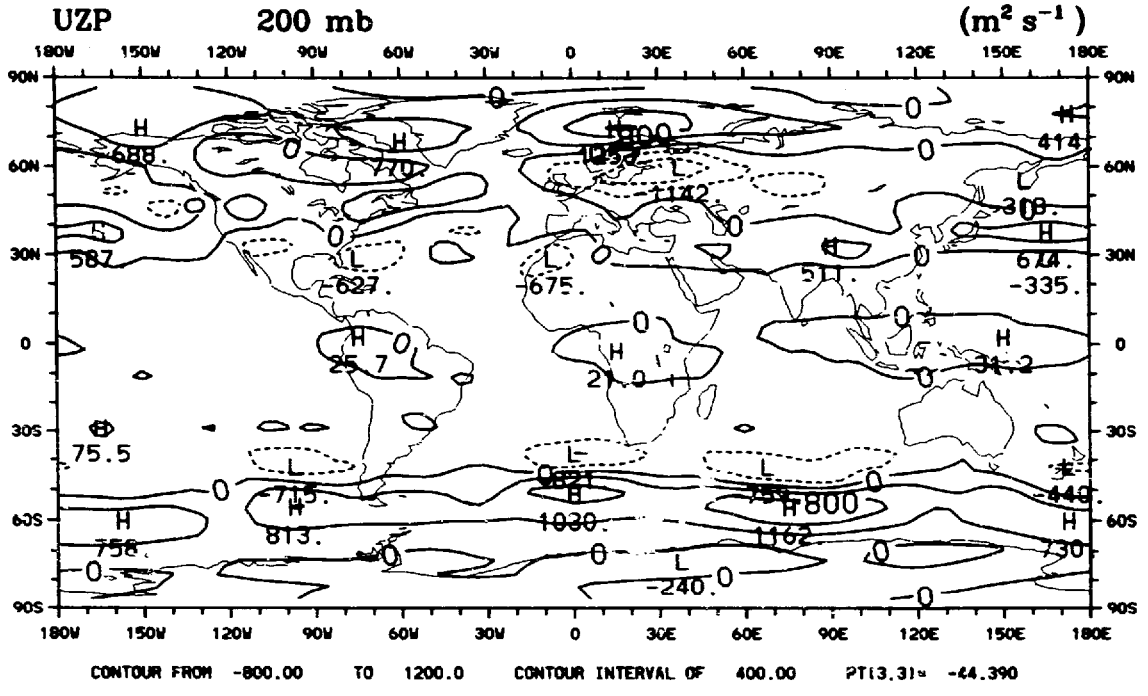

FRAME 1.62

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



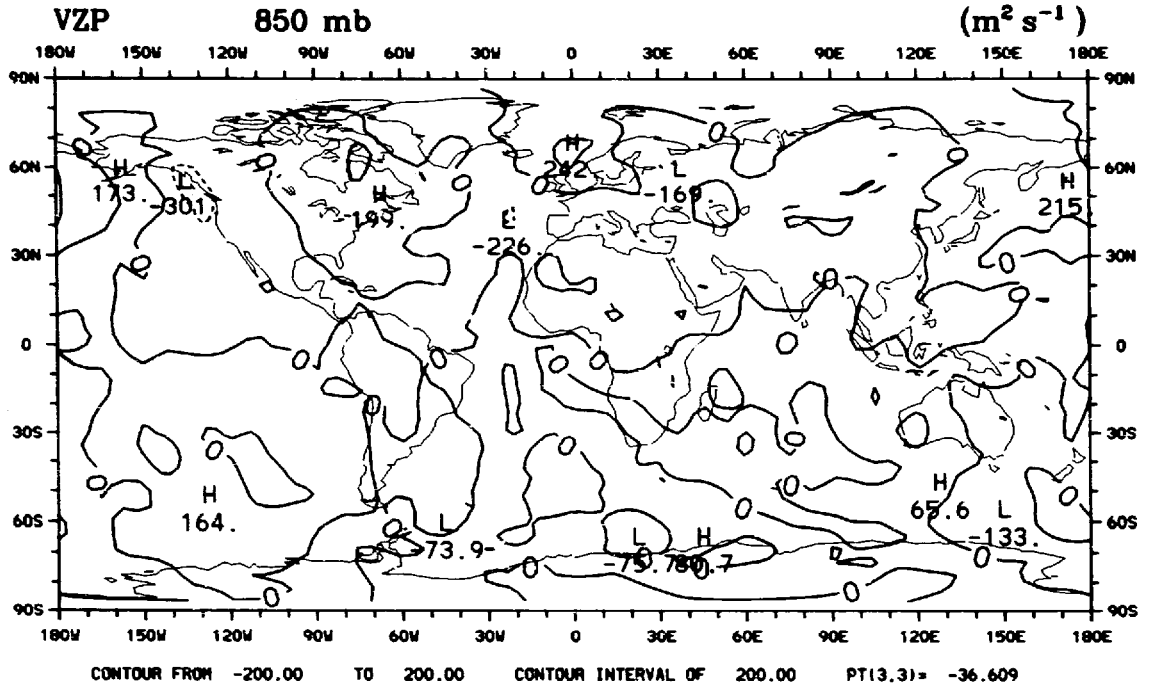

FRAME 1.63

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



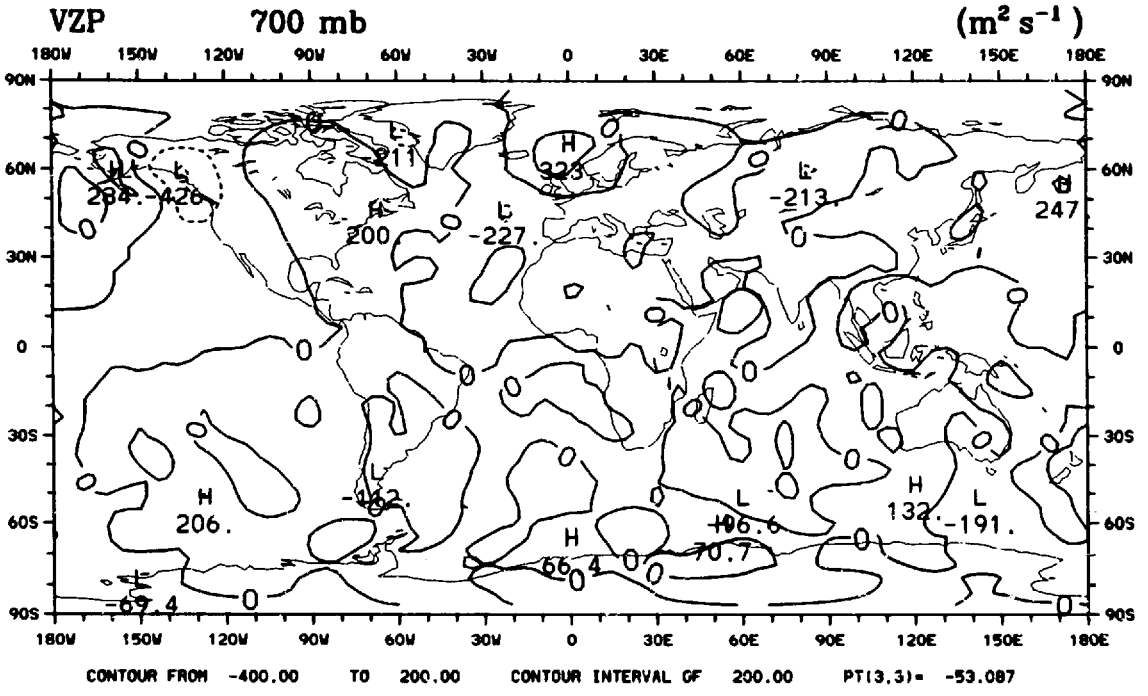

FRAME 1.64

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



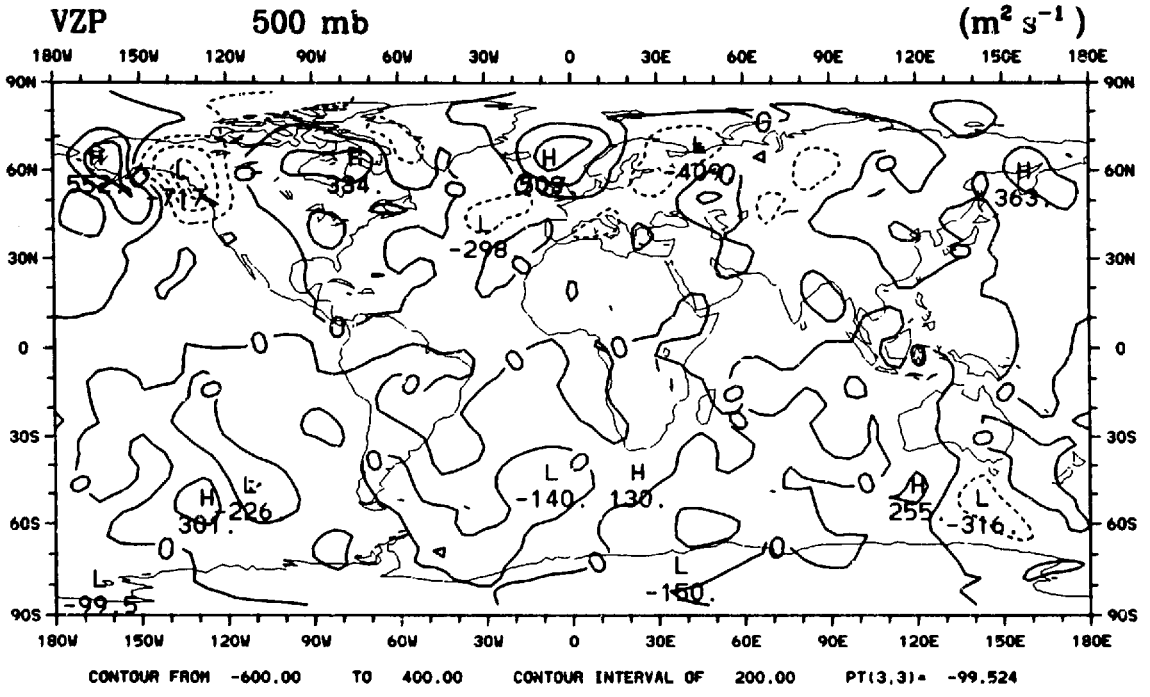

FRAME 1.65

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

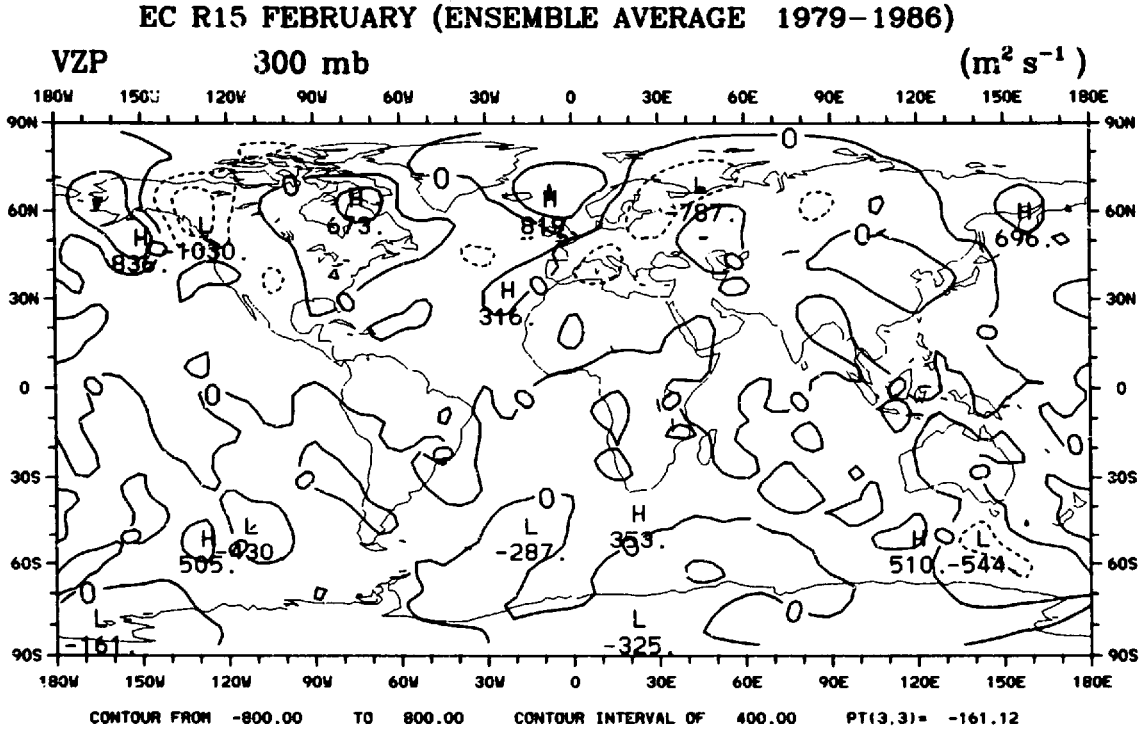



FRAME 1.66

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

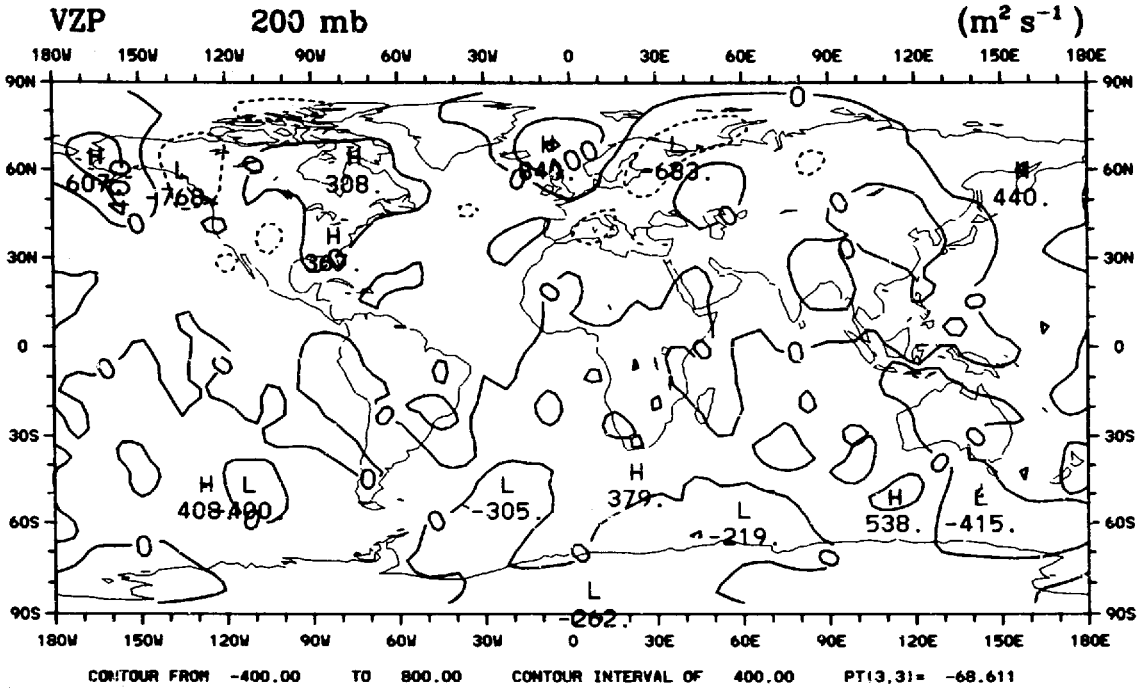



FRAME 1.67


EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)
VZP
300 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
673.
819.
-787.
696.
836.
1030.
316.
505.
-930
-287.
353.
510.
-544.
-161.
-325.
CONTOUR FROM -800.00 TO 800.00 CONTOUR INTERVAL OF 400.00 PT(3,3)= -161.12

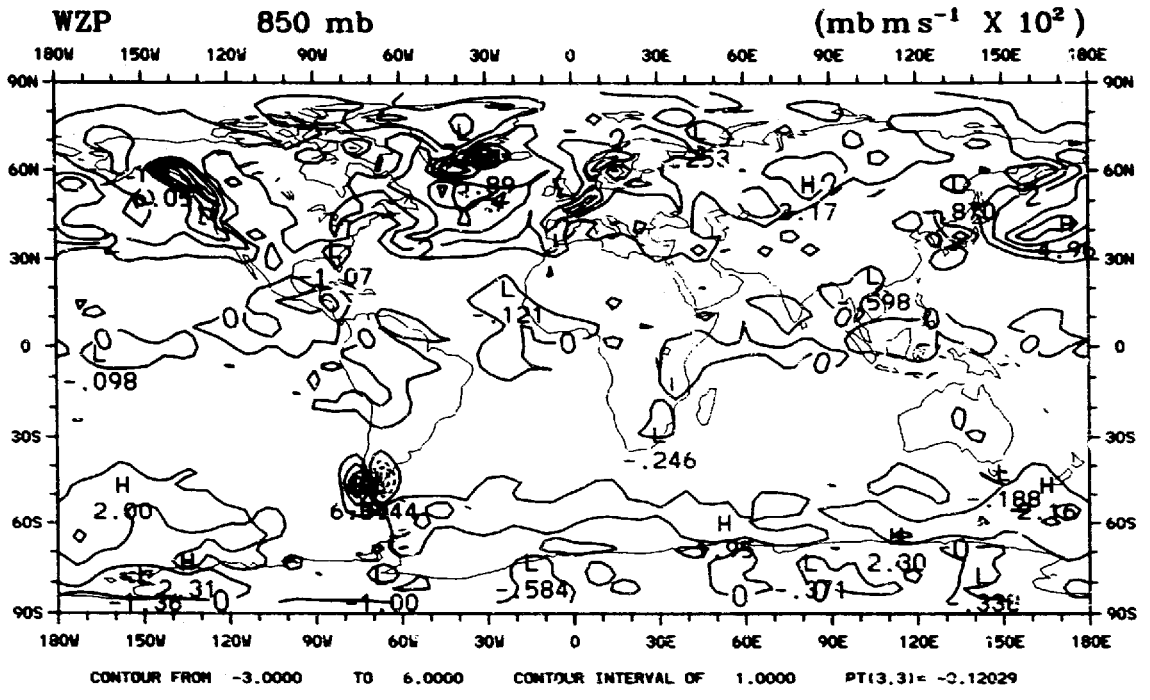
FRAME 1.68

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



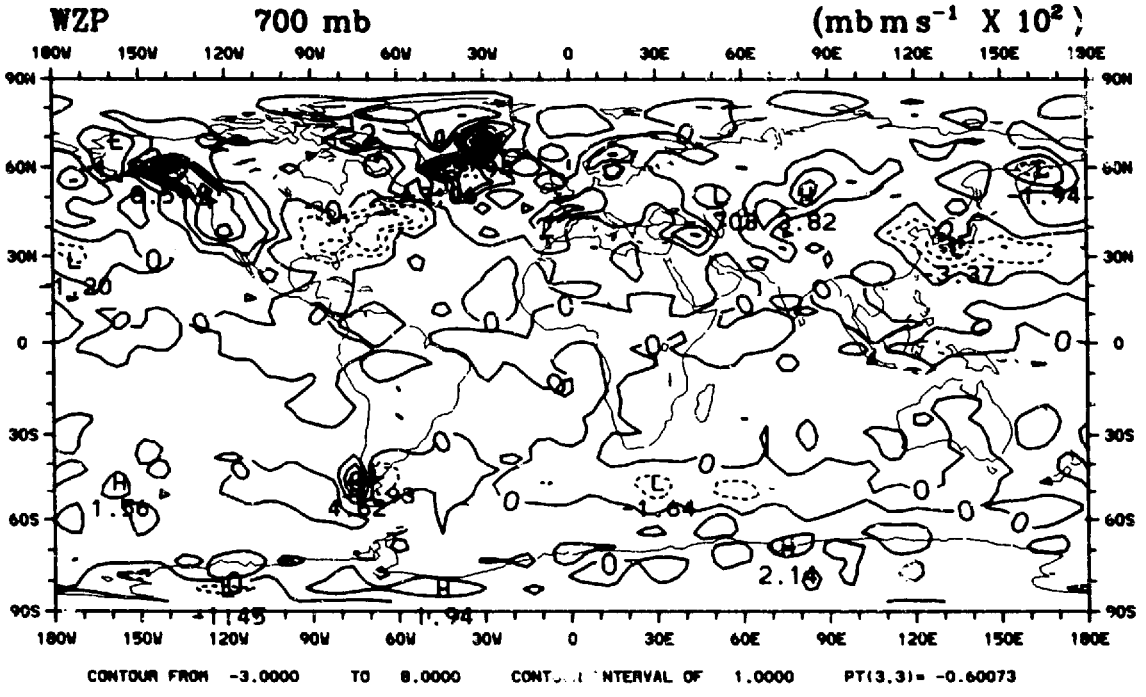

FRAME 1.69

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



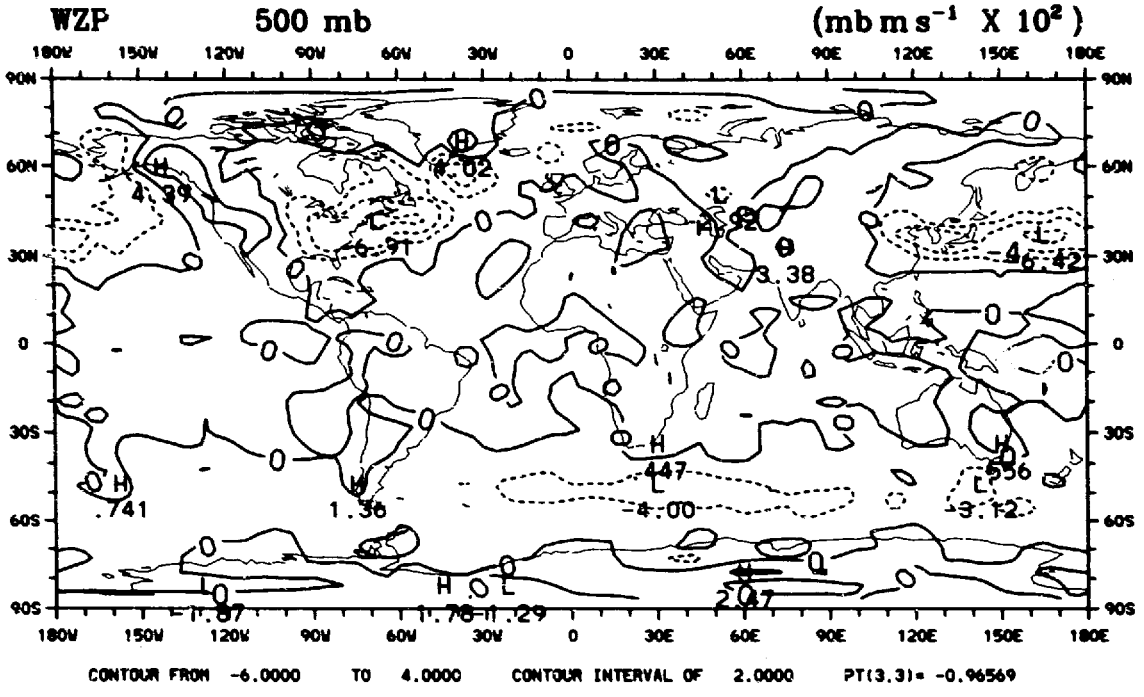

FRAME 1.70

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



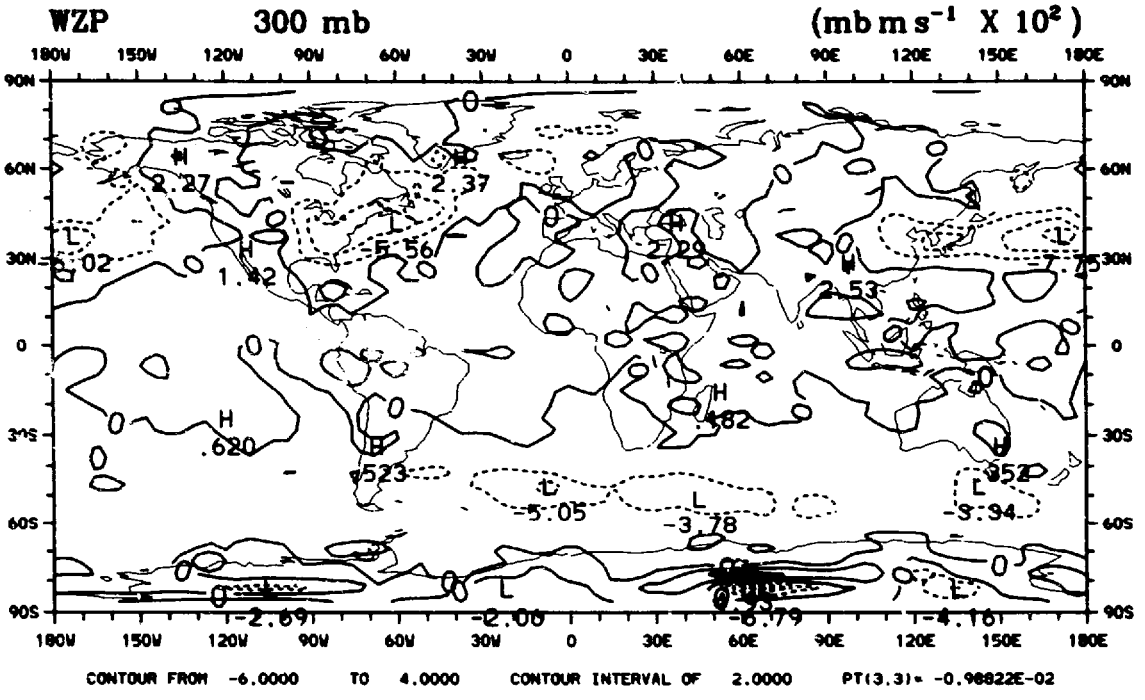

FRAME 1.71

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



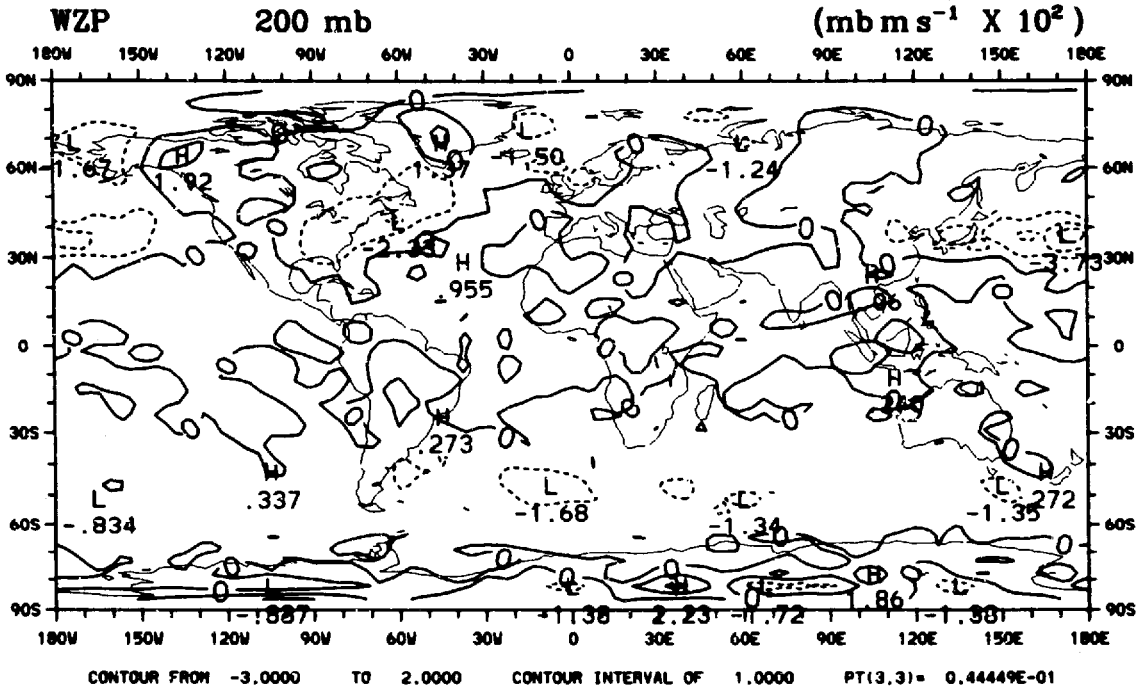

FRAME 1.72

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



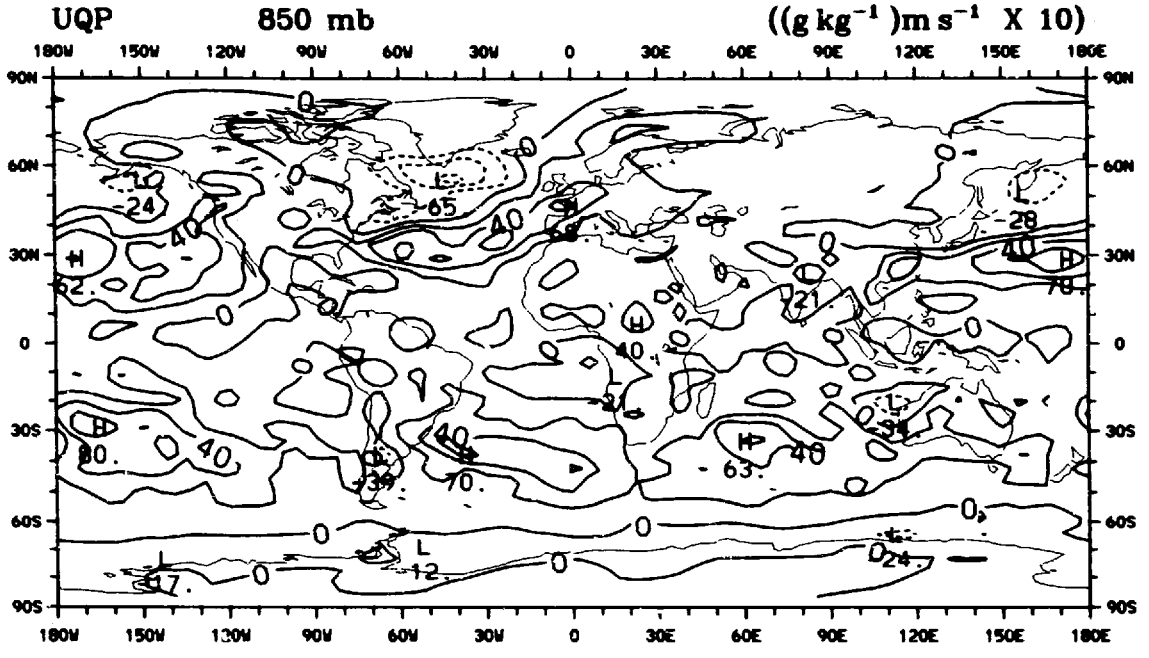

FRAME 1.73

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.74

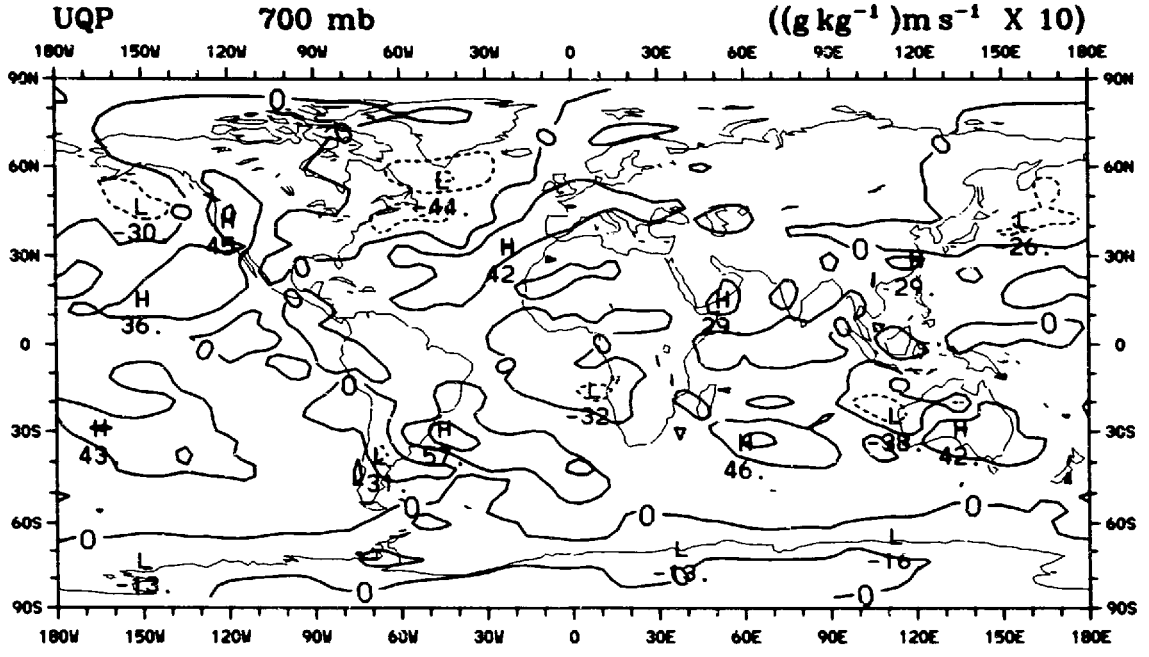
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.60000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.81141E-03 LABELS SCALED BY 10000.

FRAME 1.75

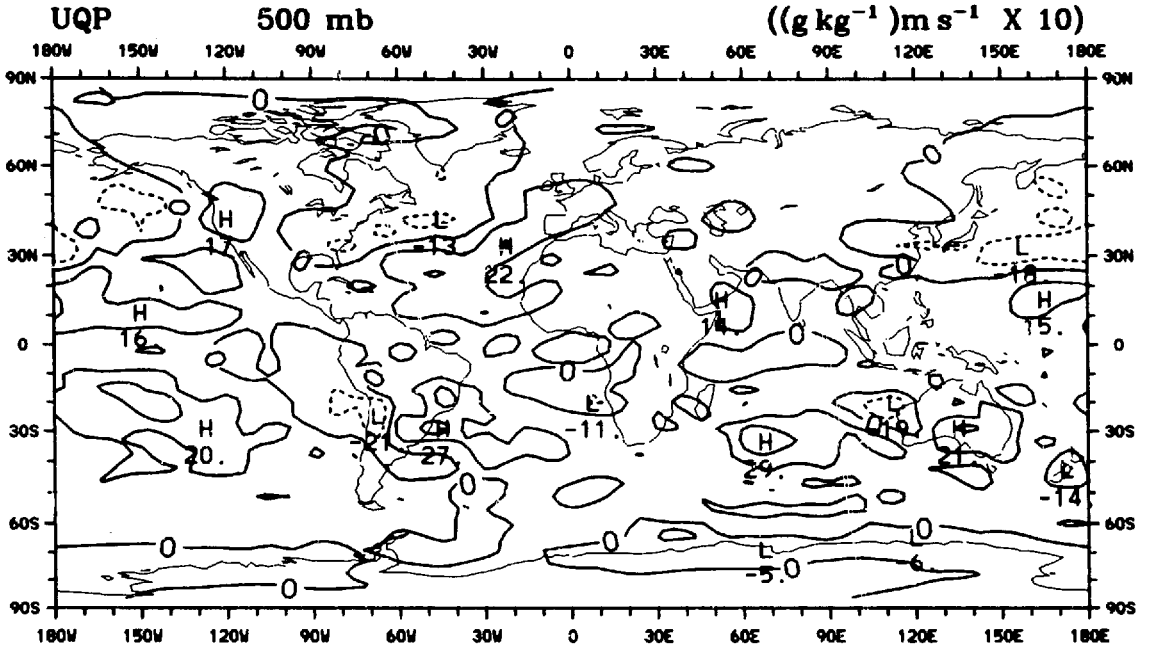
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.89353E-03 LABELS SCALED BY 10000.

FRAME 1.76

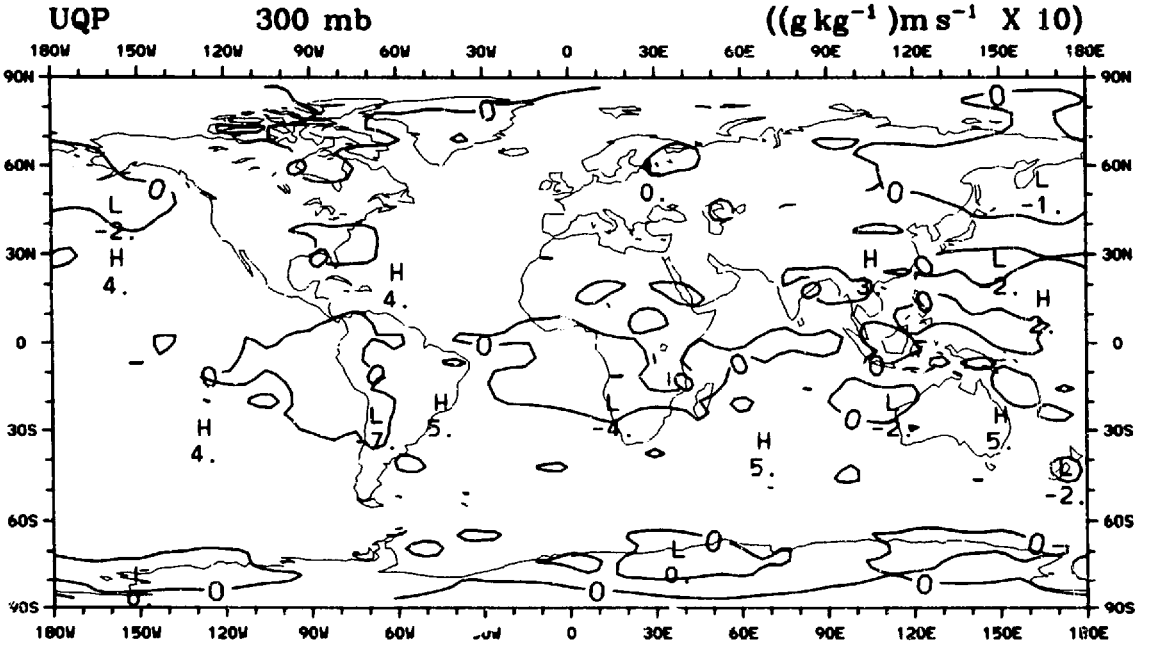
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.41077E-03 LABELS SCALED BY 10000.

FRAME 1.77

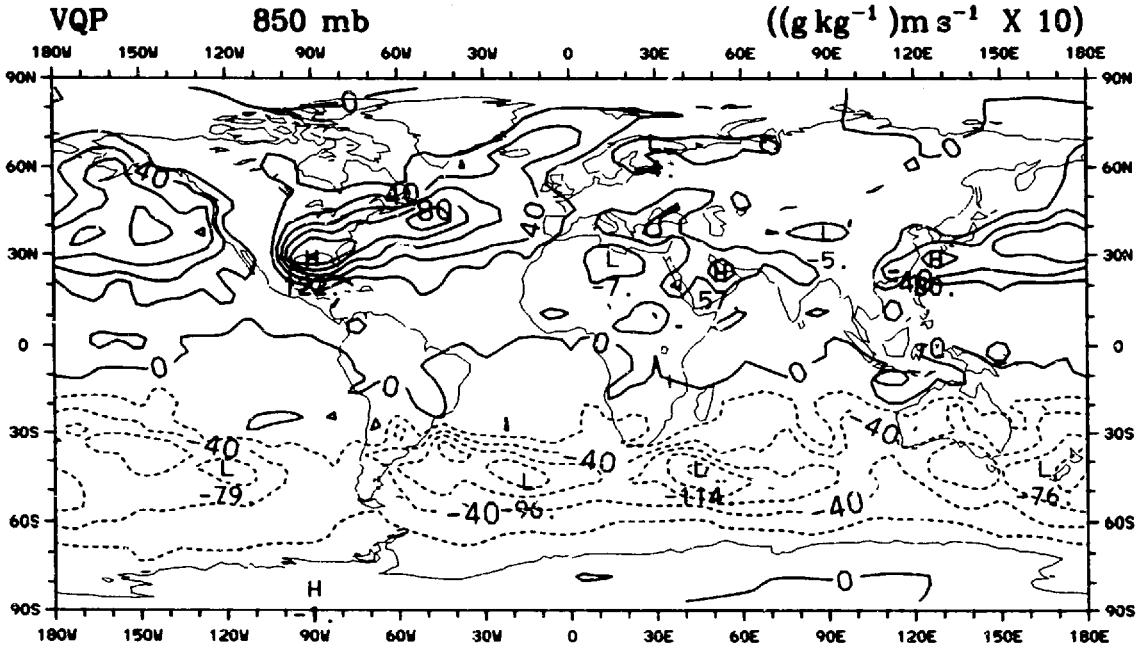
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.19193E-04 LABELS SCALED BY 10000.

FRAME 1.78

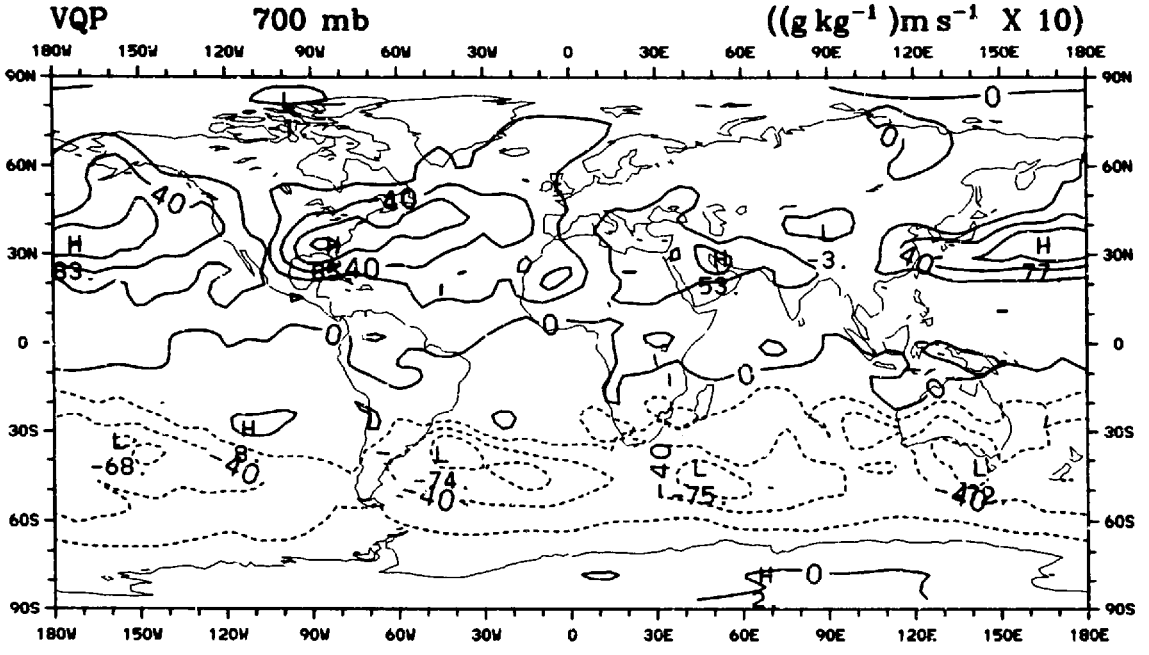
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-01 TO 0.12000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.11846E-02 LABELS SCALED BY 10000.

FRAME 1.79

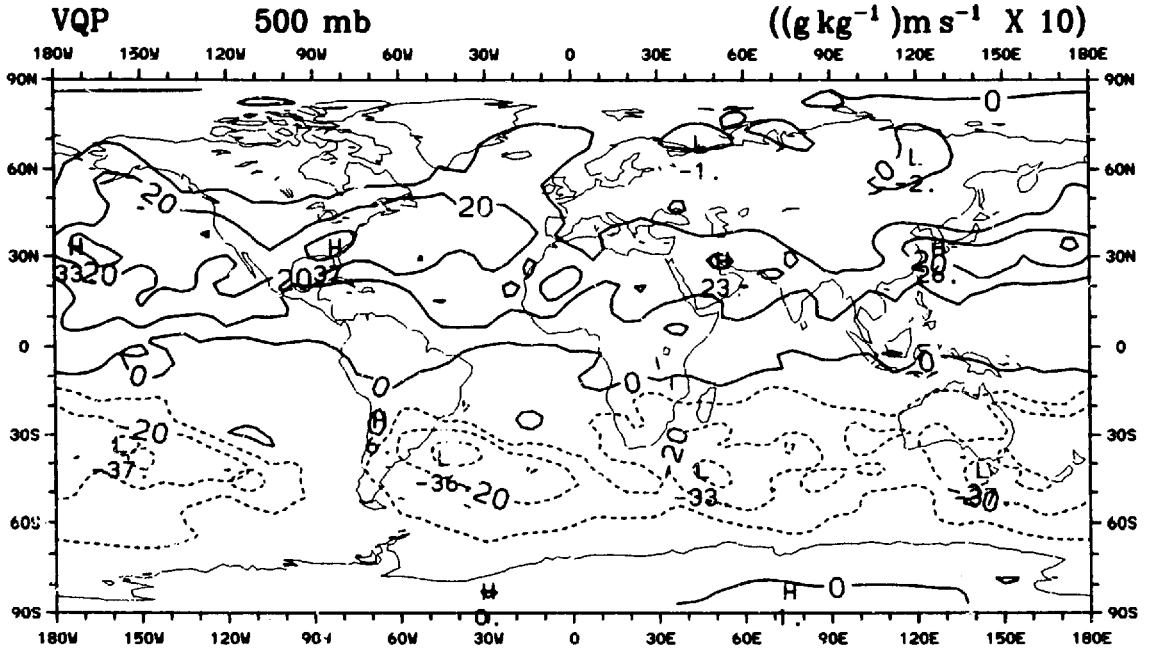
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1988)




CONTOUR FROM -0.60000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.78664E-03 LABELS SCALED BY 10000.

FRAME 1.30

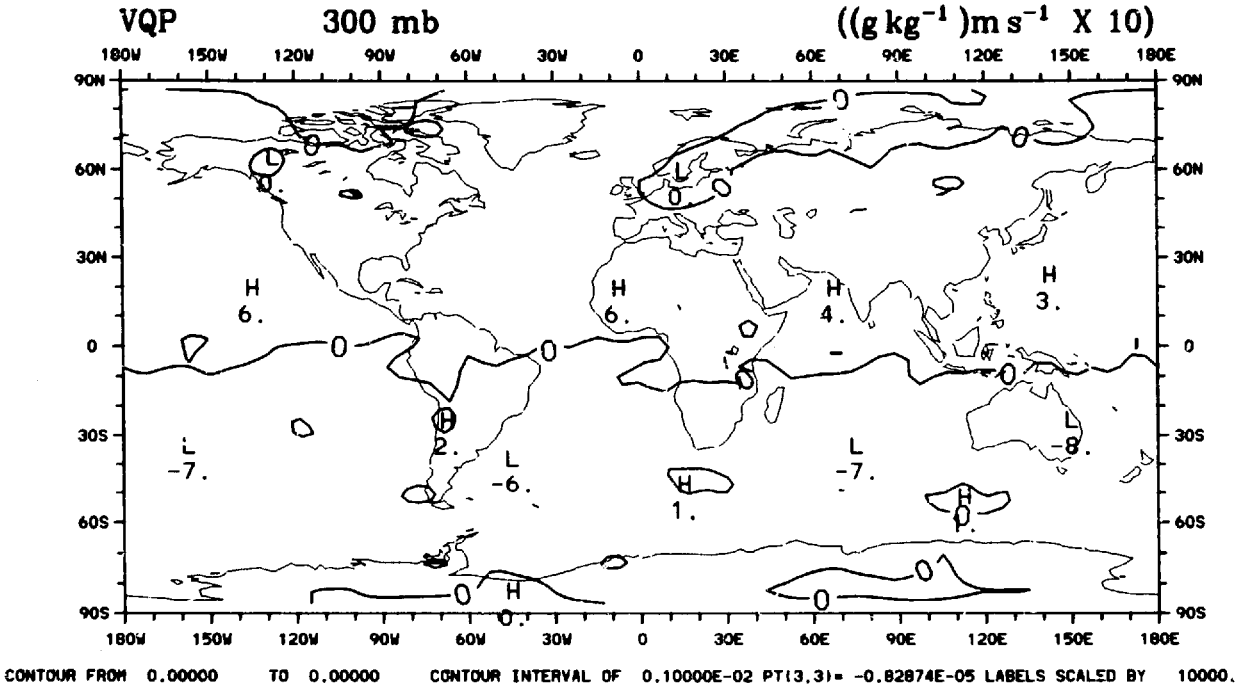
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.30000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.34284E-03 LABELS SCALED BY 10000.

FRAME 1.81

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

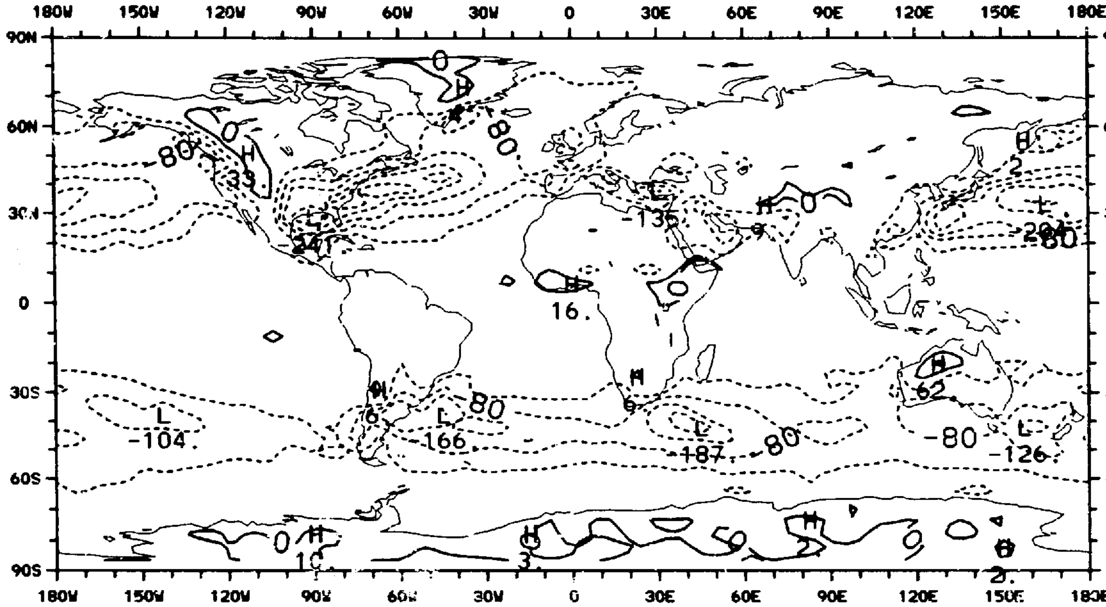



CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.82874E-05 LABELS SCALED BY 10000.

FRAME 1.82

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

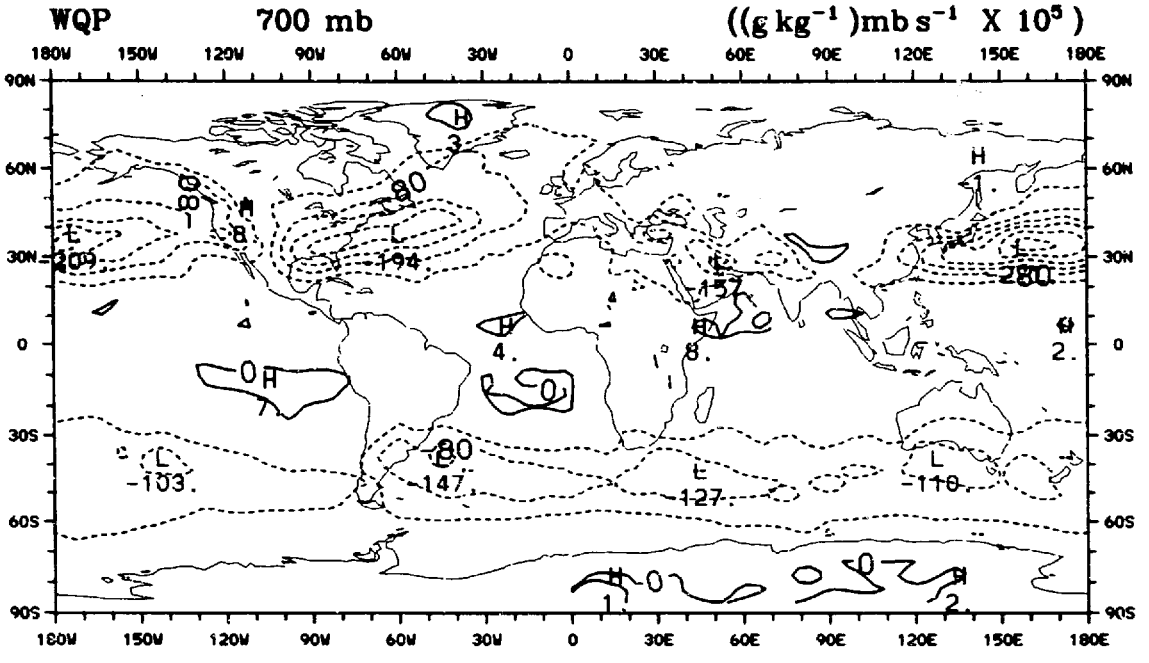
WQP 850 mb $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$




CONTOUR FROM -0.24000E-03 TO 0.40000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.15664E-04 LABELS SCALED BY 0.10000E+07

FRAME 1.83

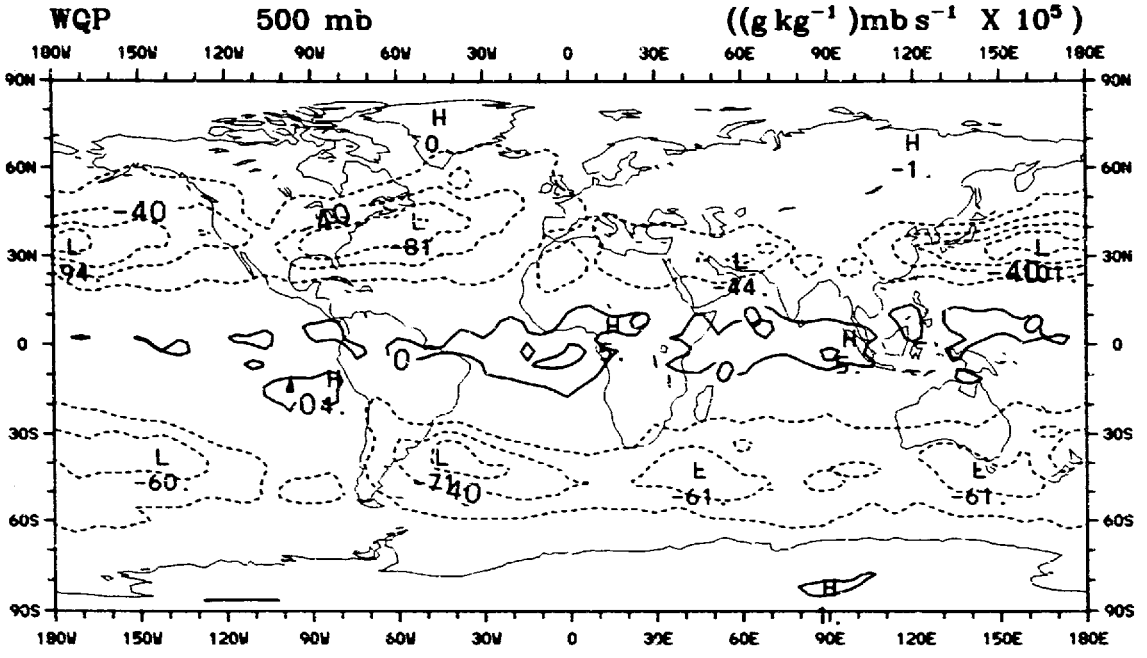
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.24000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.15472E-04 LABELS SCALED BY 0.10000E+07

FRAME 1.84

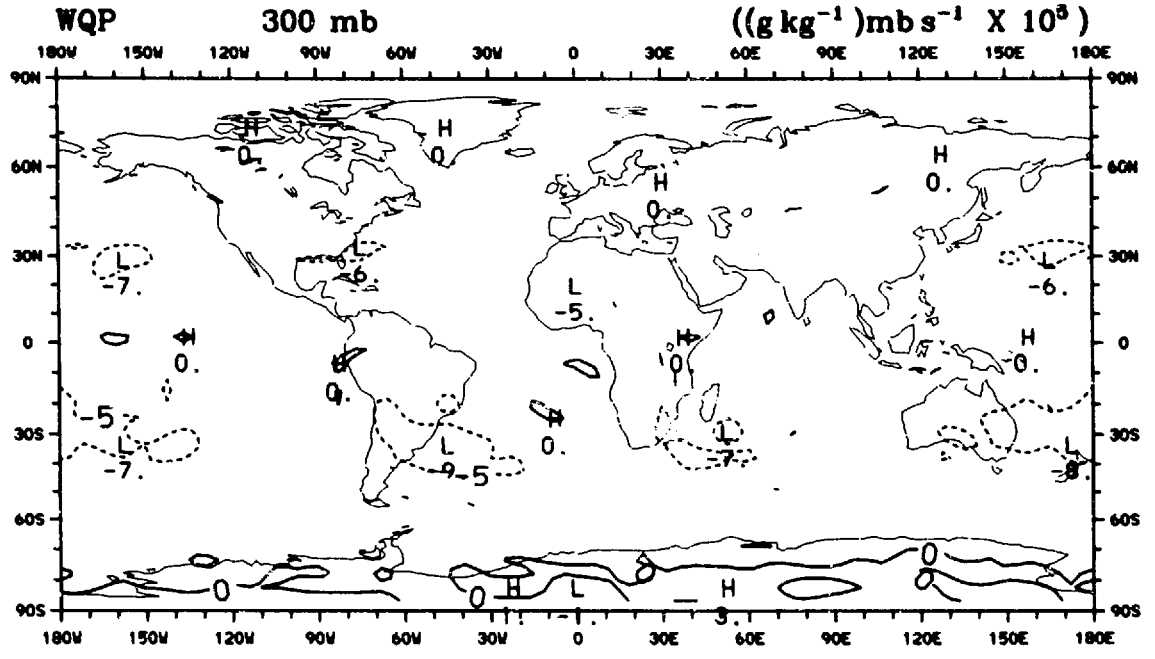
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.57651E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

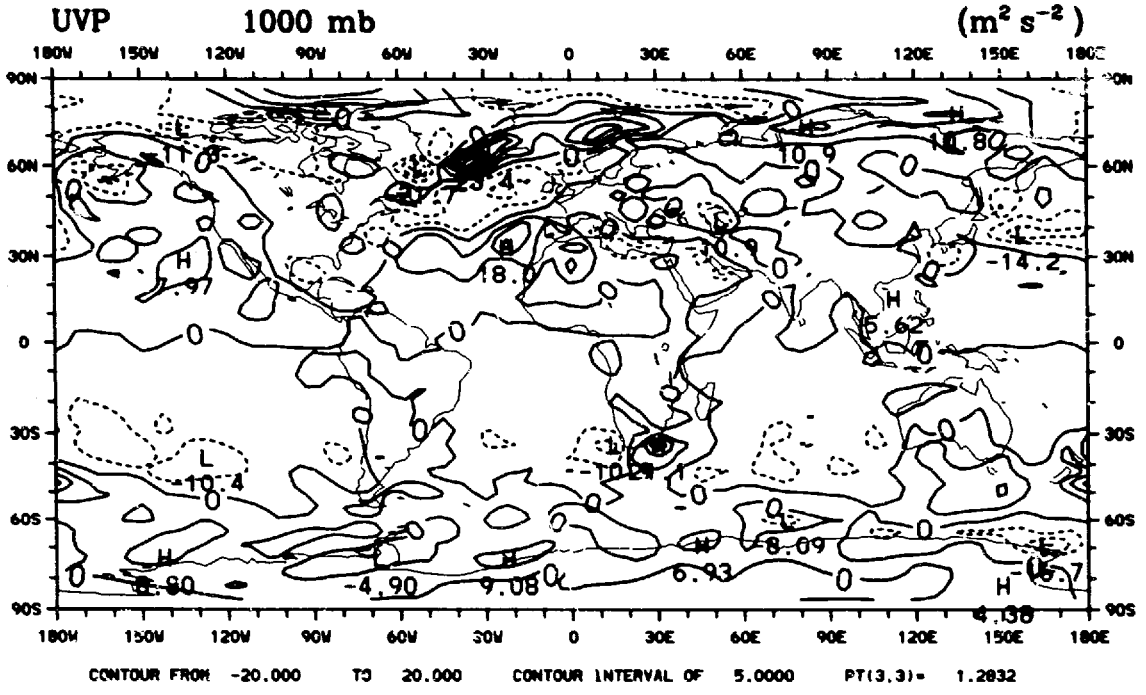
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.50000E-05 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.13148E-06 LABELS SCALED BY 0.10000E+07

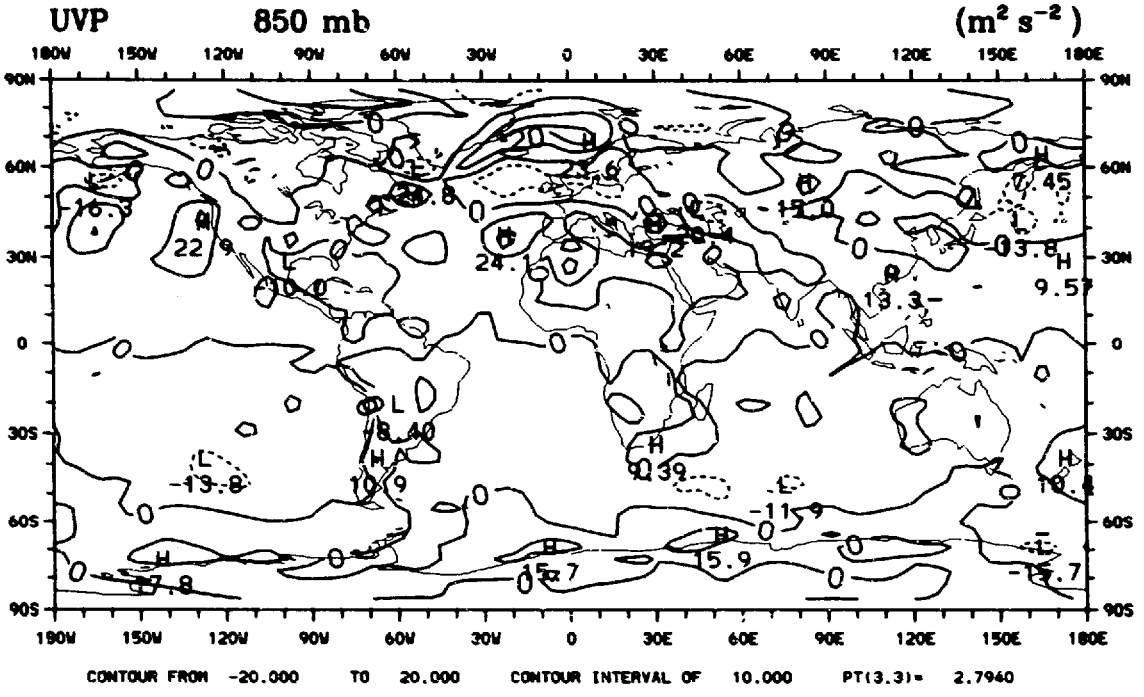
FRAME 1.86

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



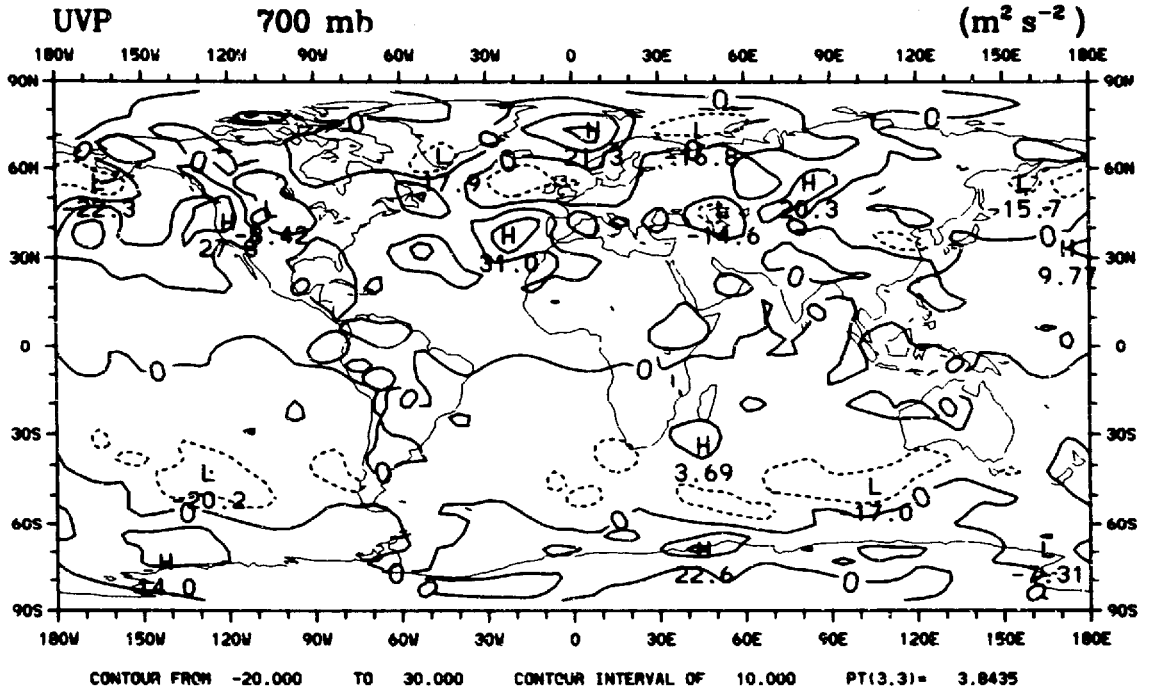

FRAME 1.87

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



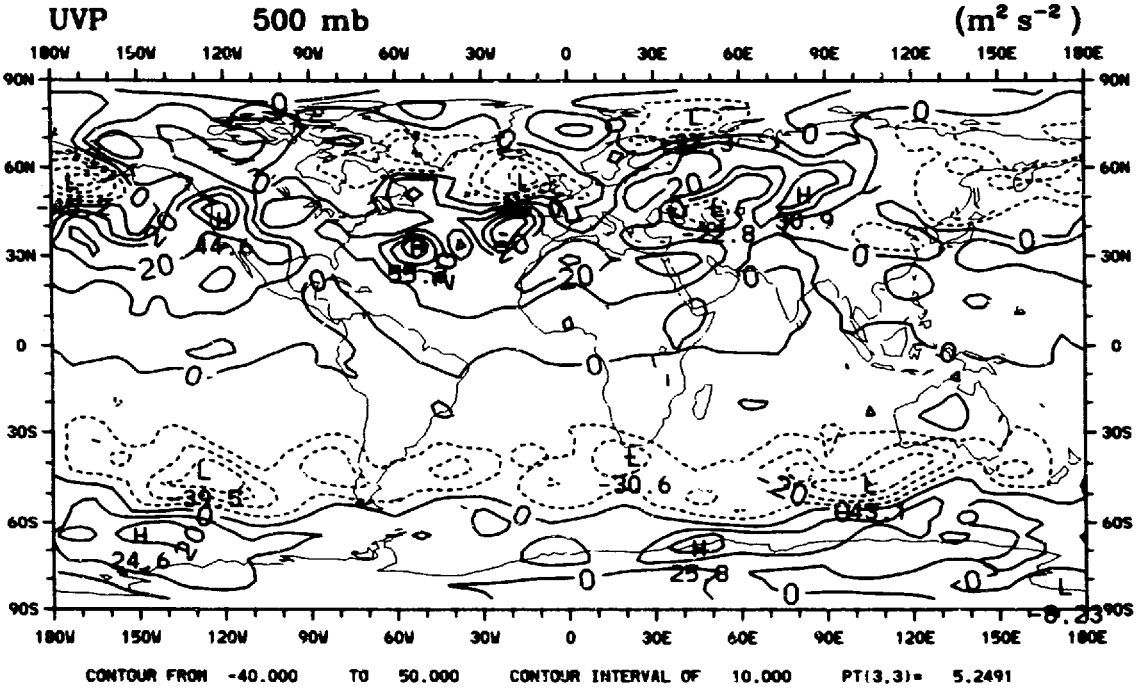

FRAME 1.88

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



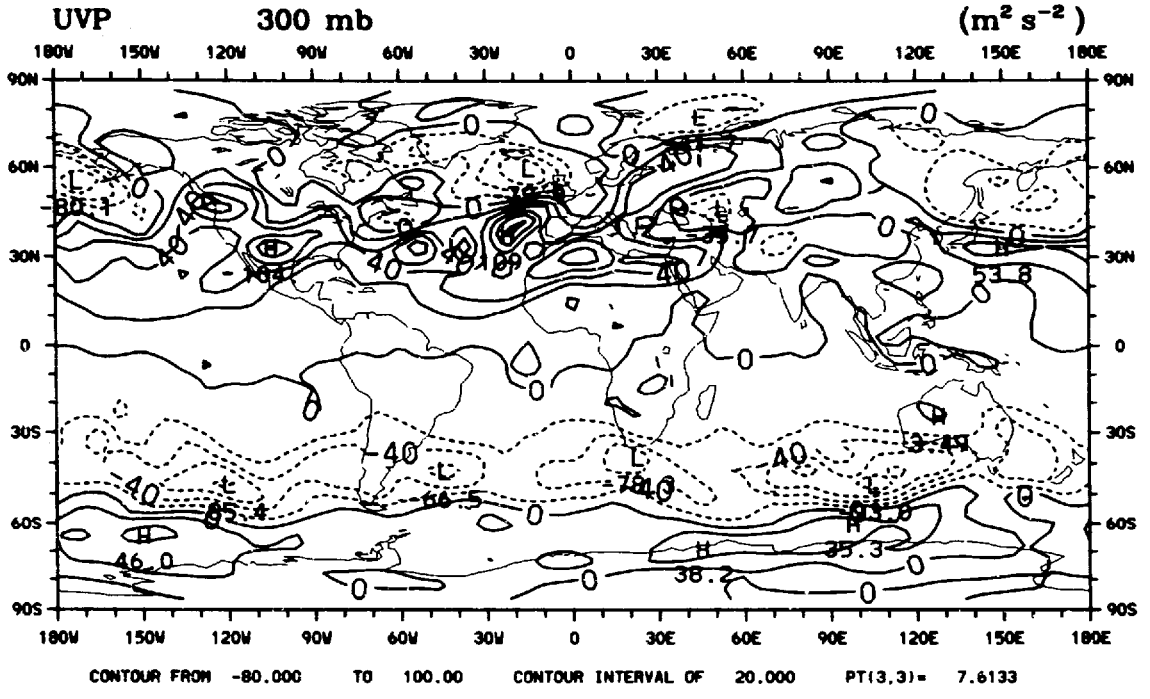

FRAME 1.89

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



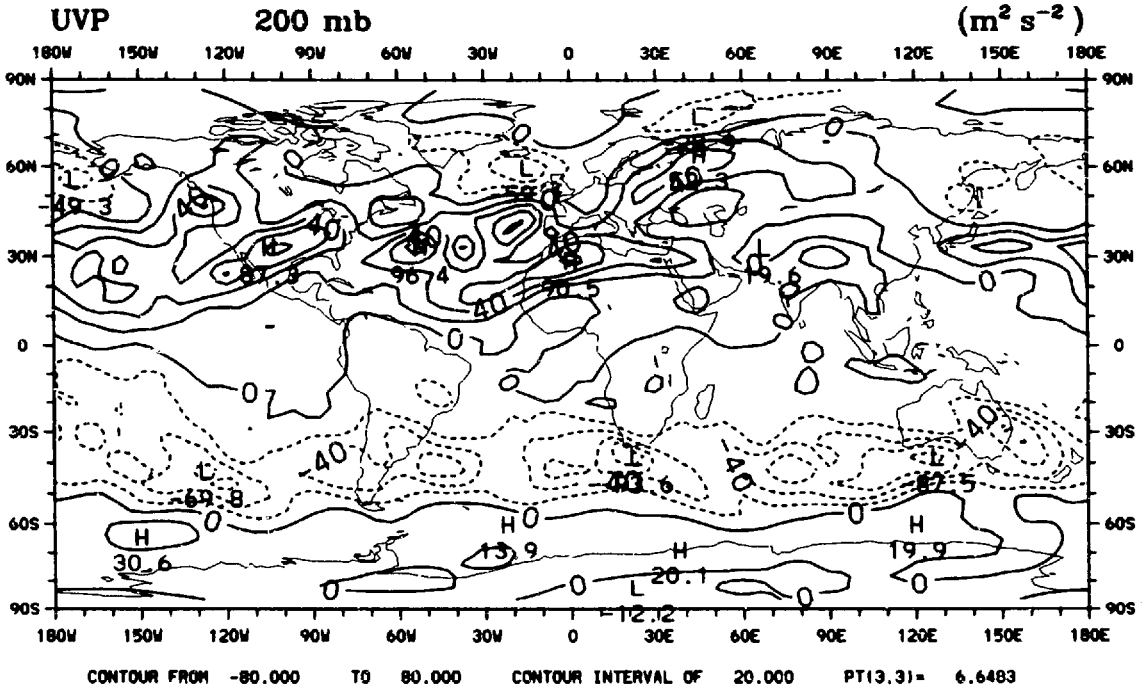

FRAME 1.90

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



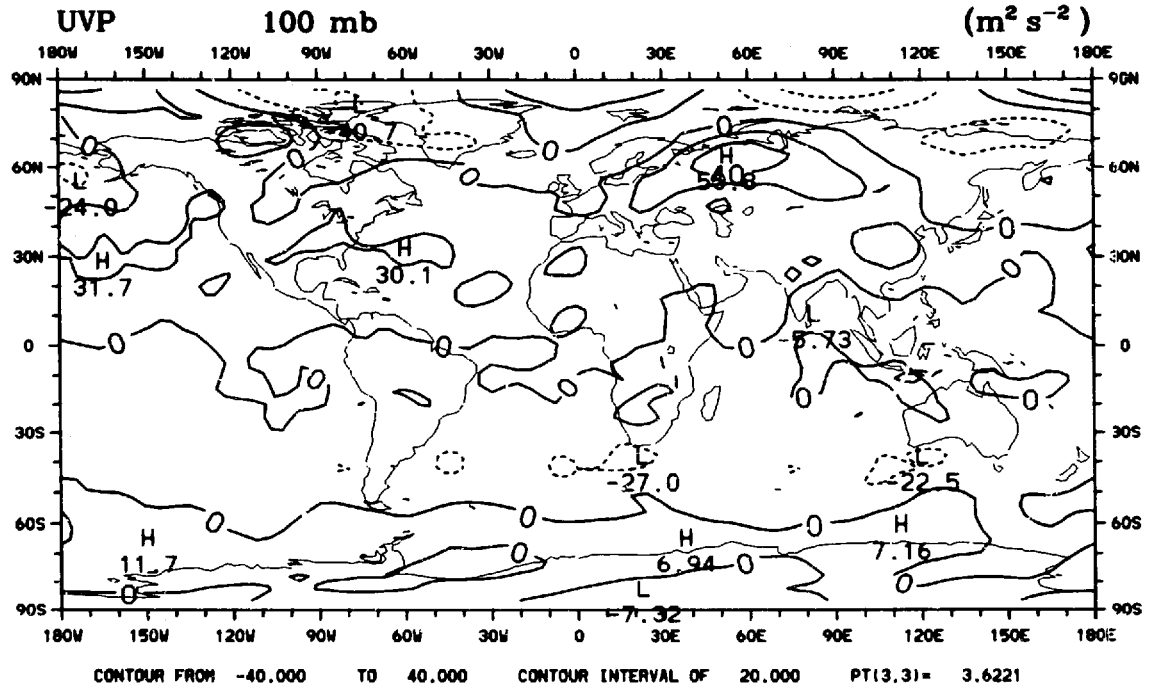

FRAME 1,91

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



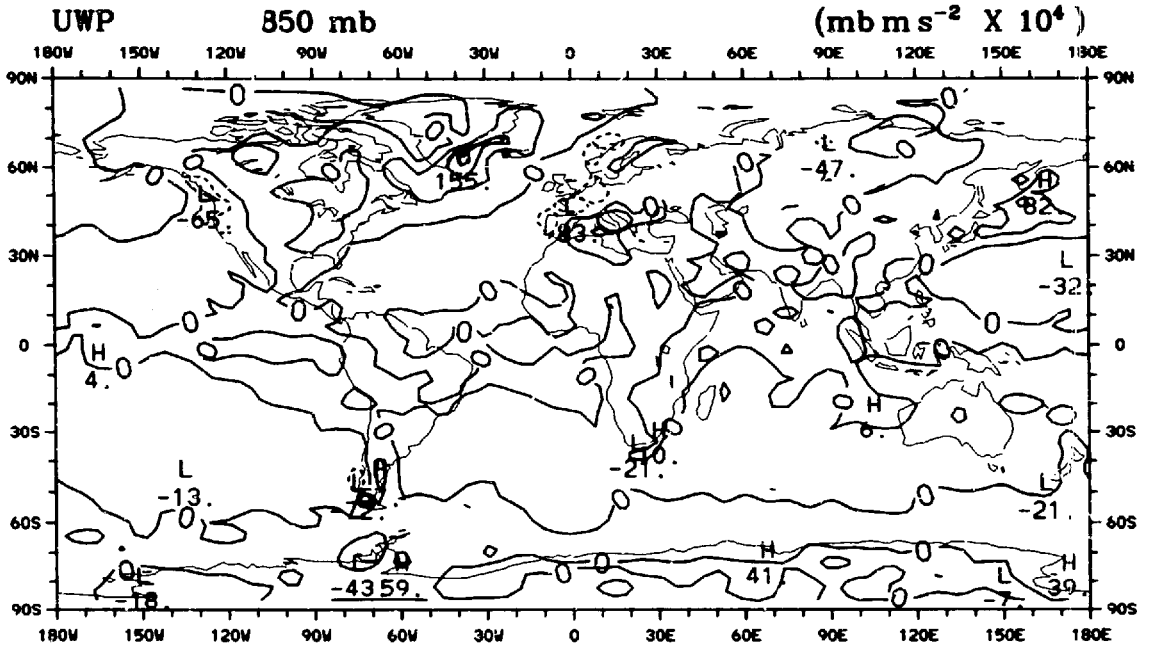

FRAME 1.92

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.93

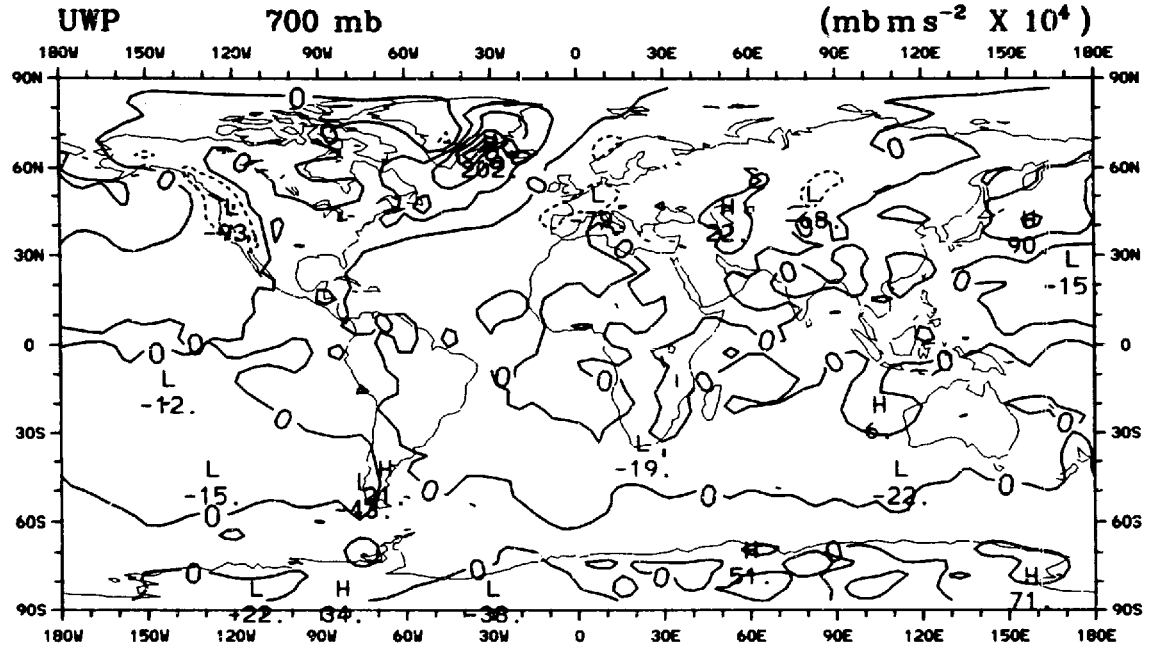
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.42505E-01 LABELS SCALED BY 100.00

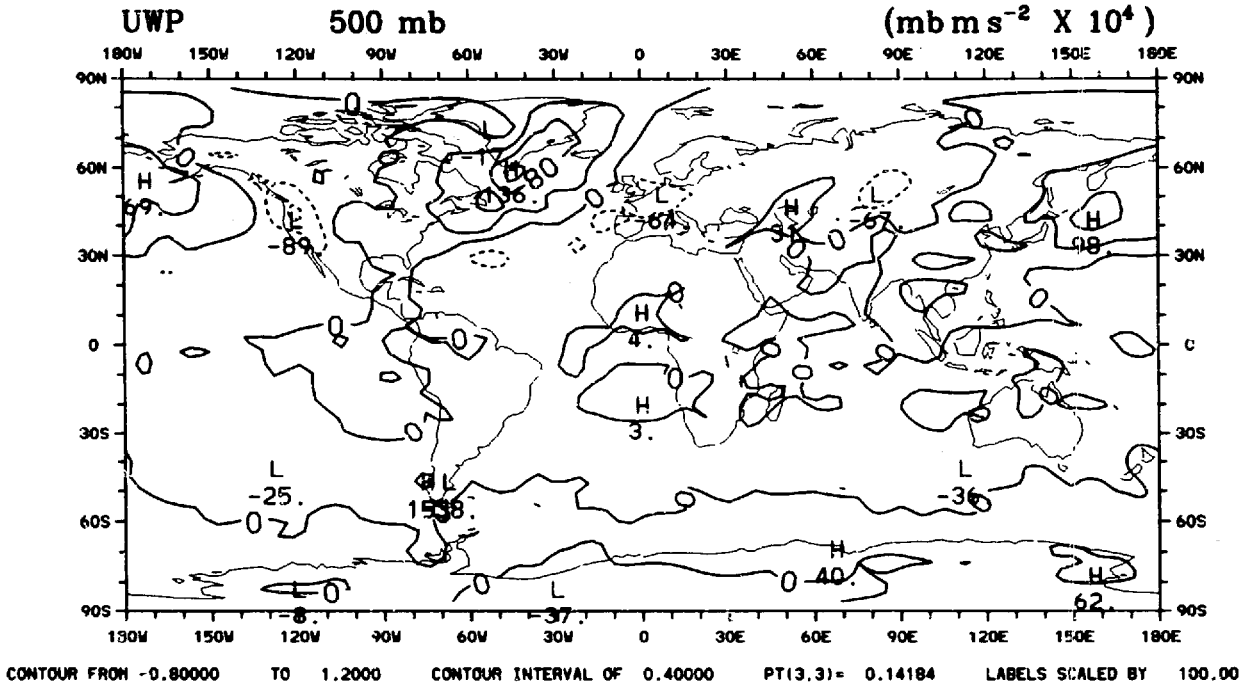
FRAME 1.94

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.95

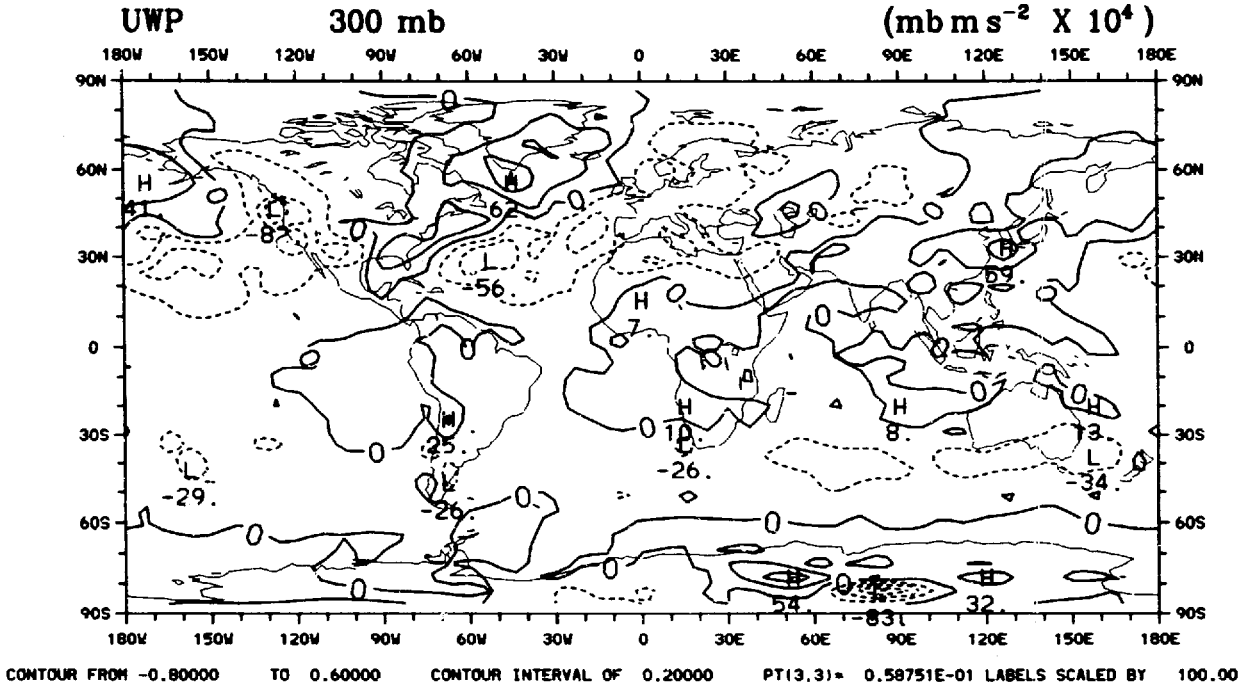
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.14184 LABELS SCALED BY 100.00

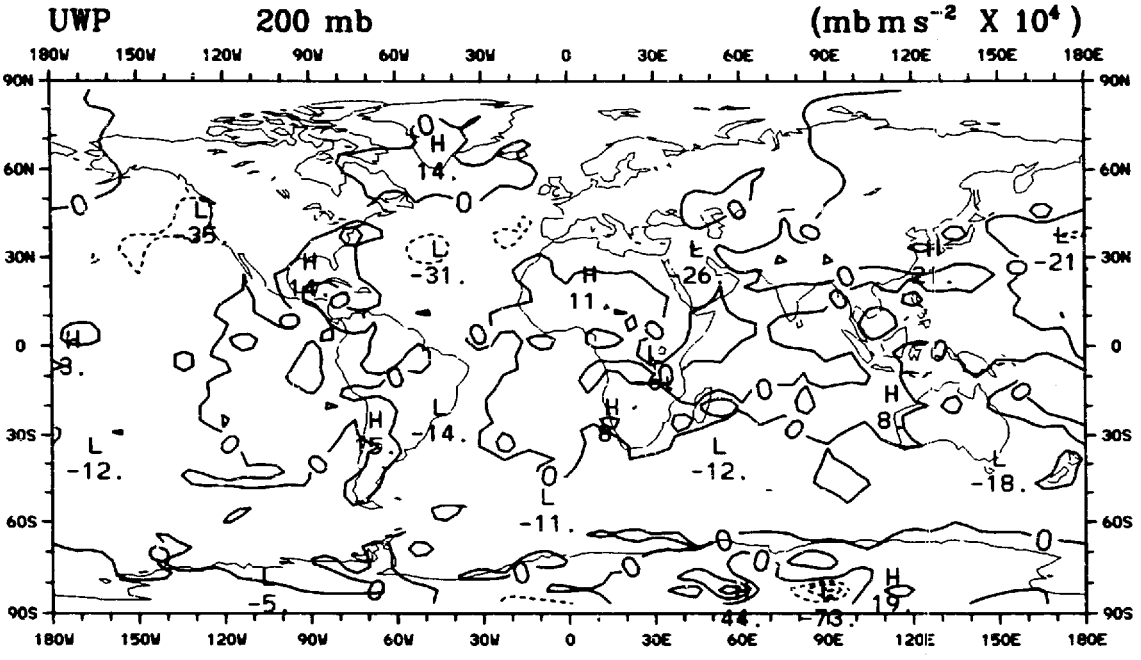
FRAME 1.96

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



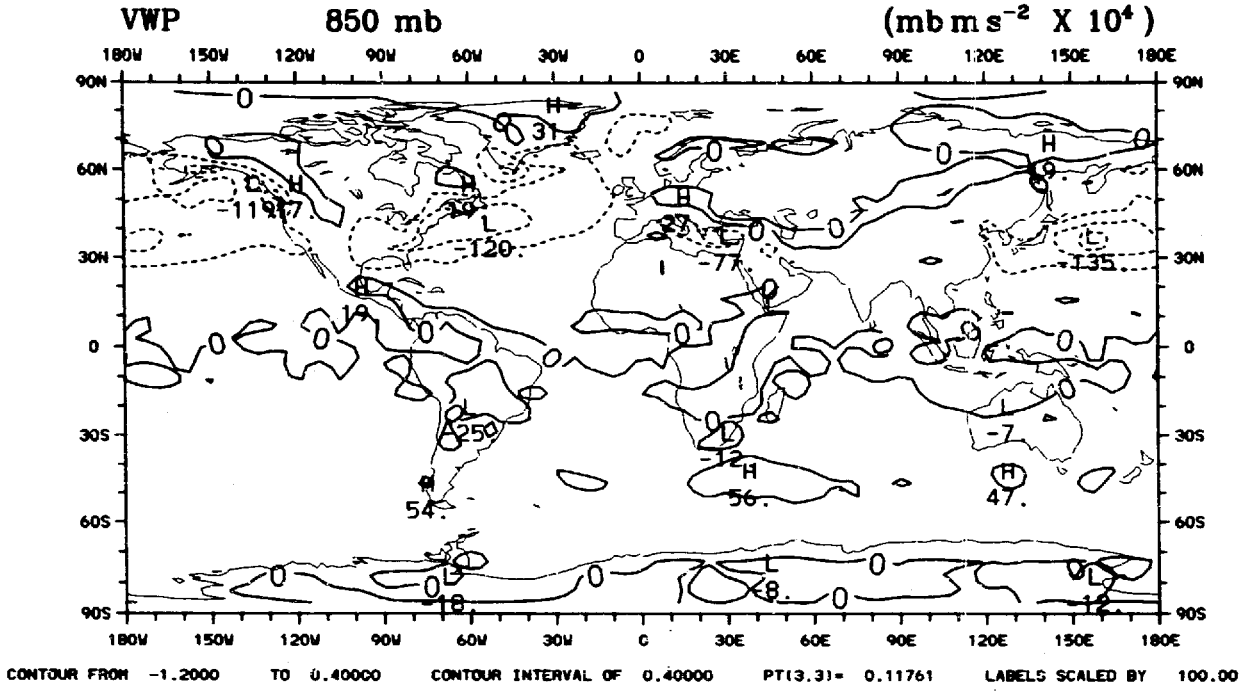

FRAME 1.97

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



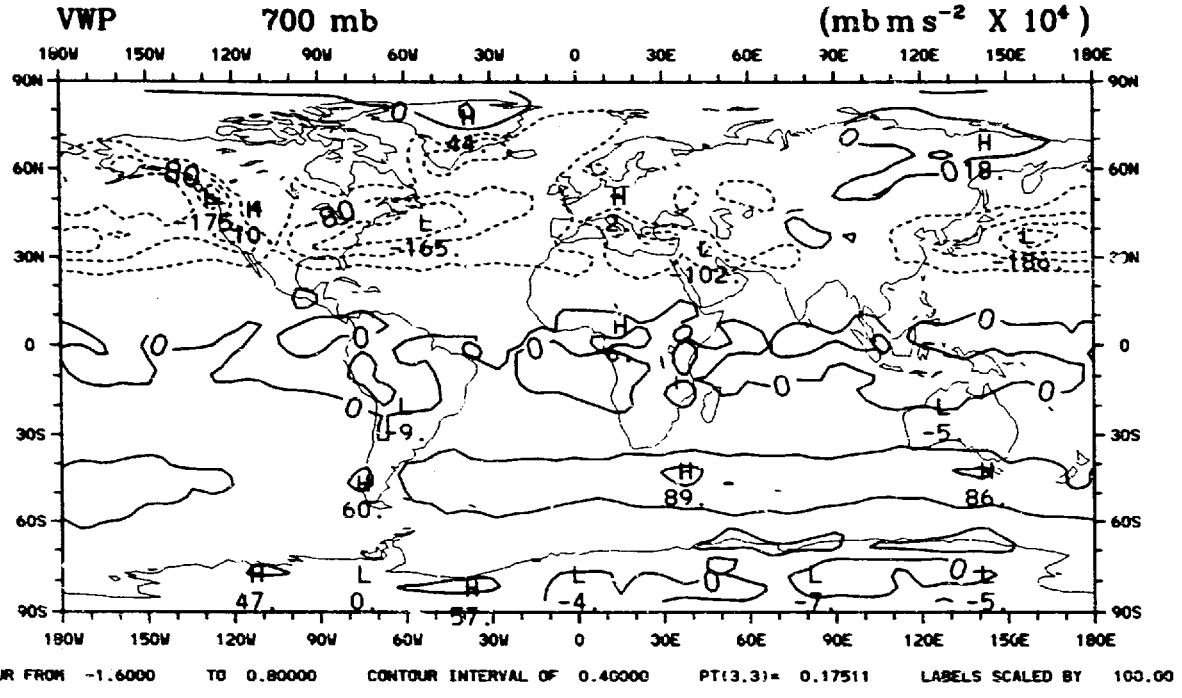

FRAME 1.98

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.99

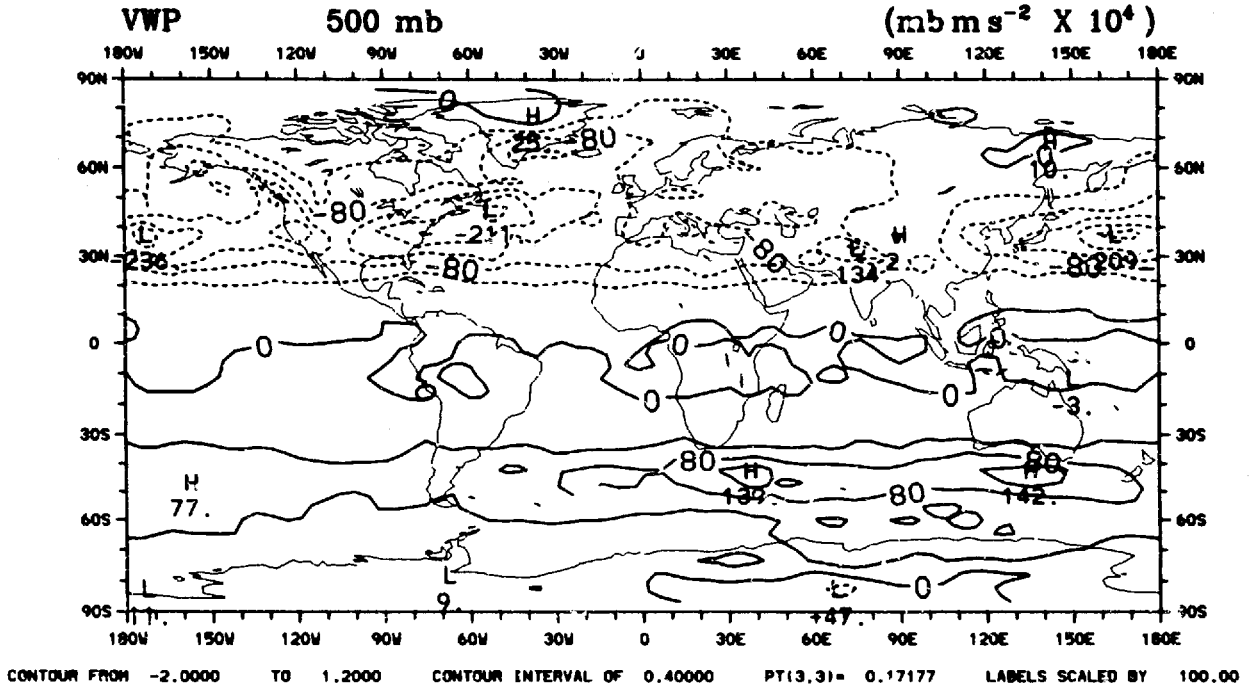
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -1.6000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.17511 LABELS SCALED BY 100.00

FRAME 1.100

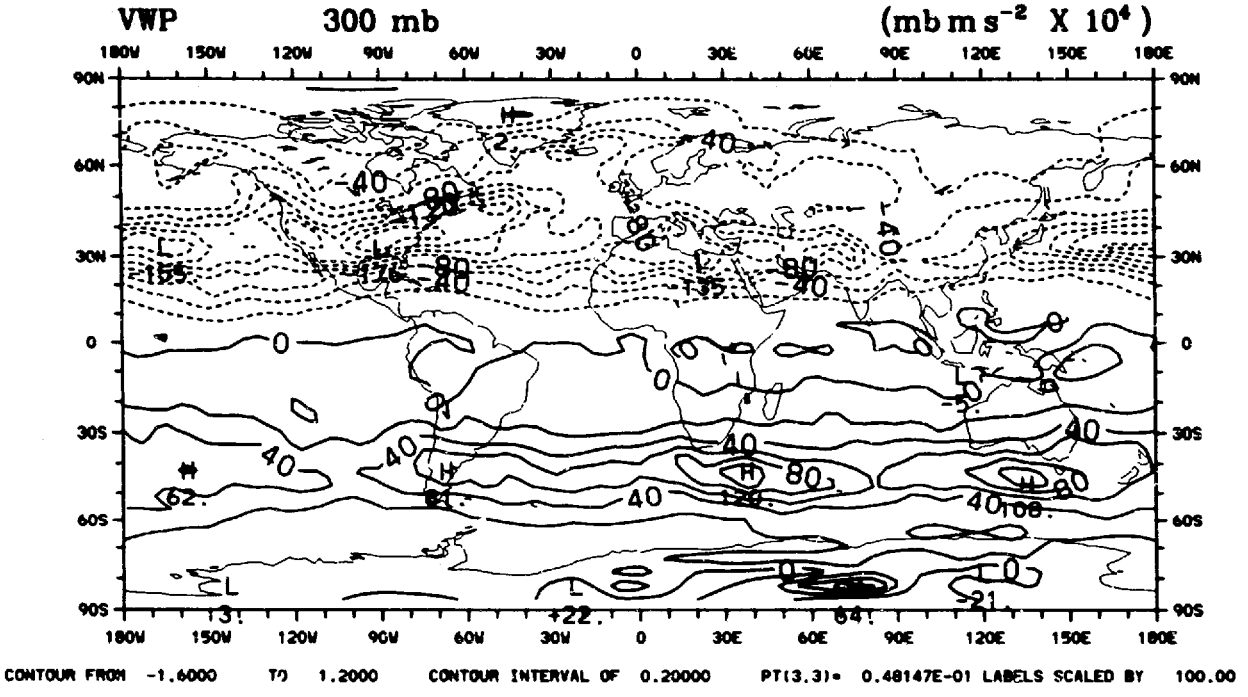
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -2.0000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.17177 LABELS SCALED BY 100.00

FRAME 1.101

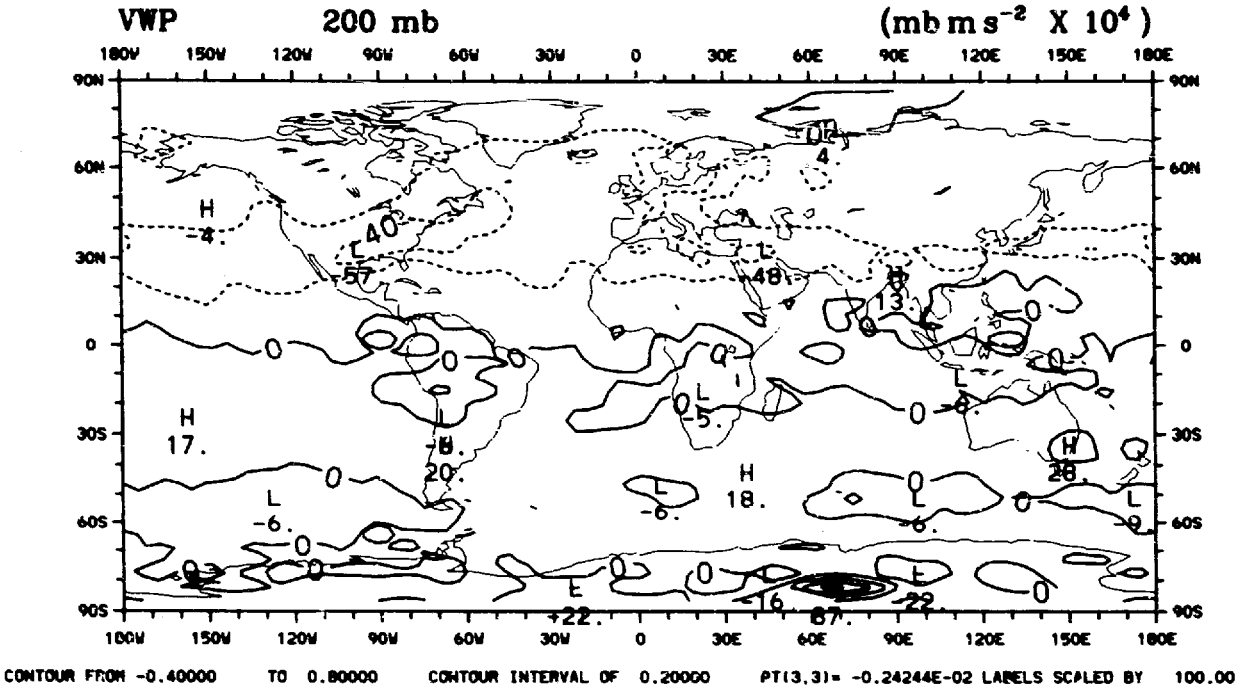
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -1.6000 TO 1.2000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.48147E-01 LABELS SCALED BY 100.00

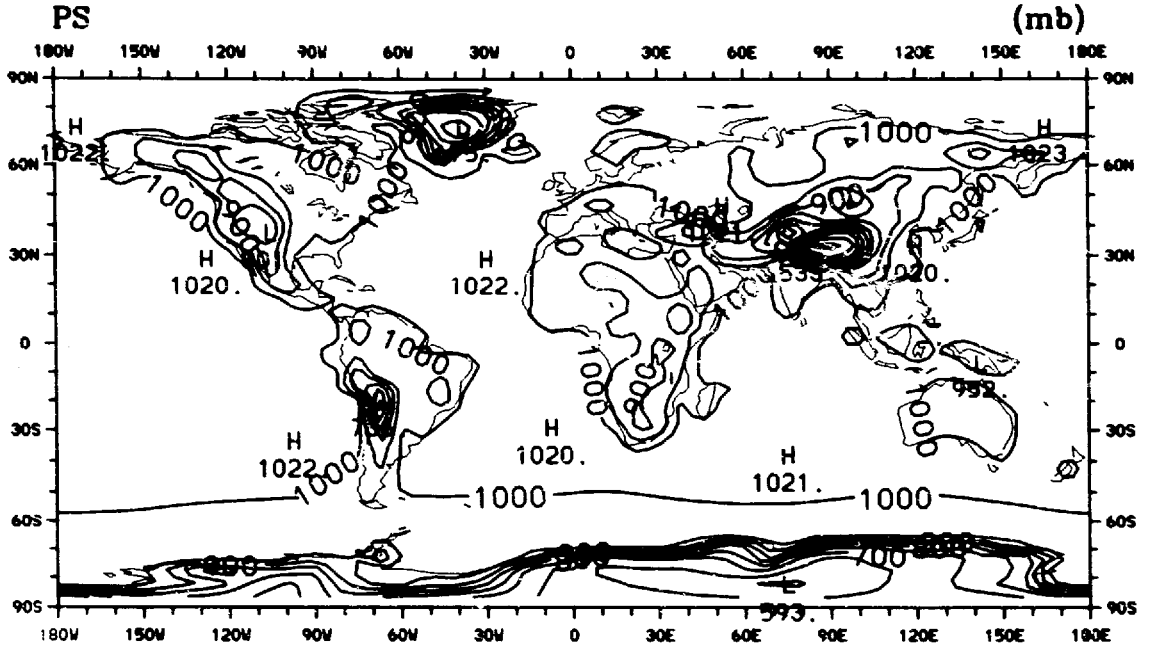
FRAME 1.102

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.103

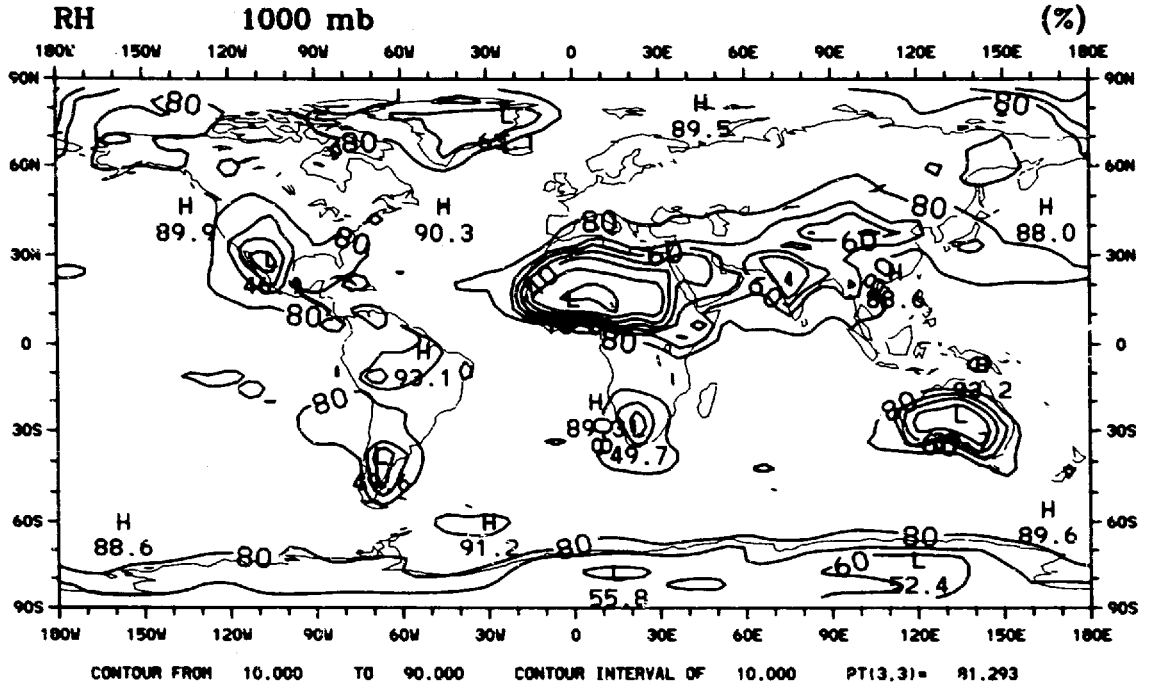
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 98923. LABELS SCALED BY 0.10000E-01

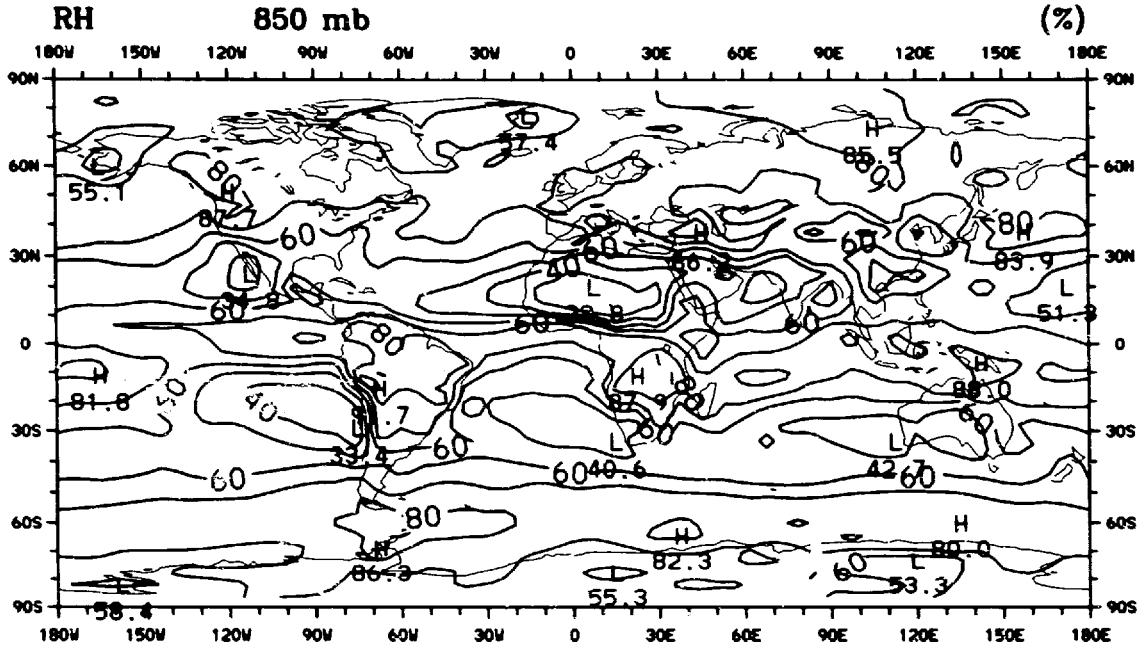
FRAME 1.104

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



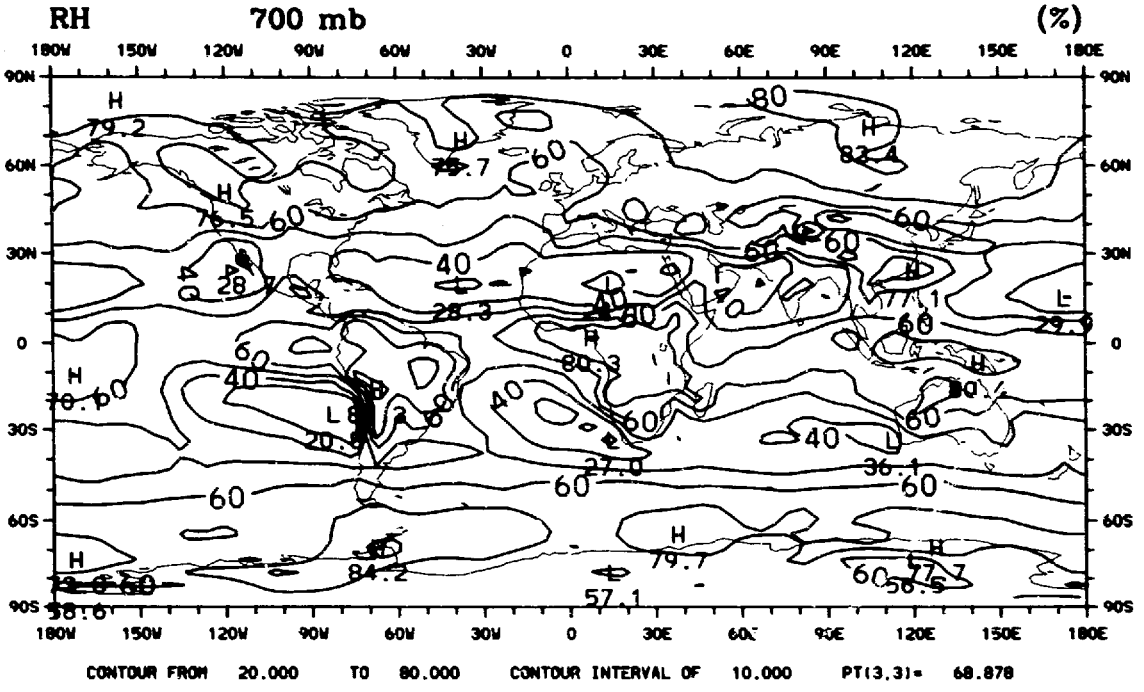

FRAME 1.105

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



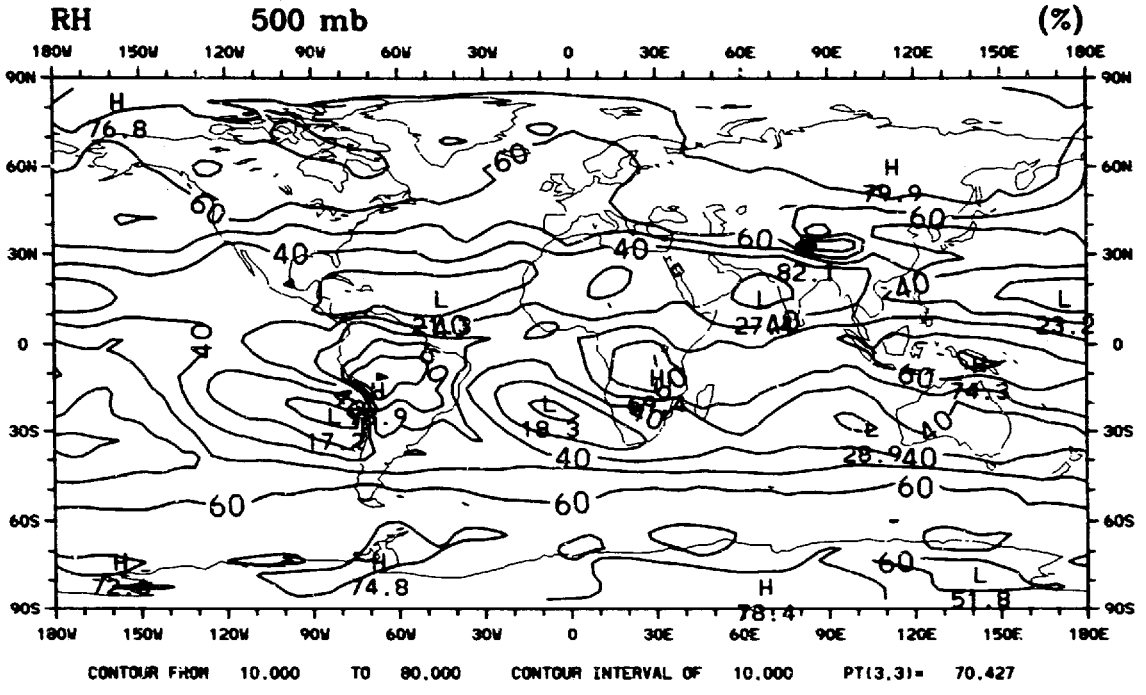

FRAME 1.106

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



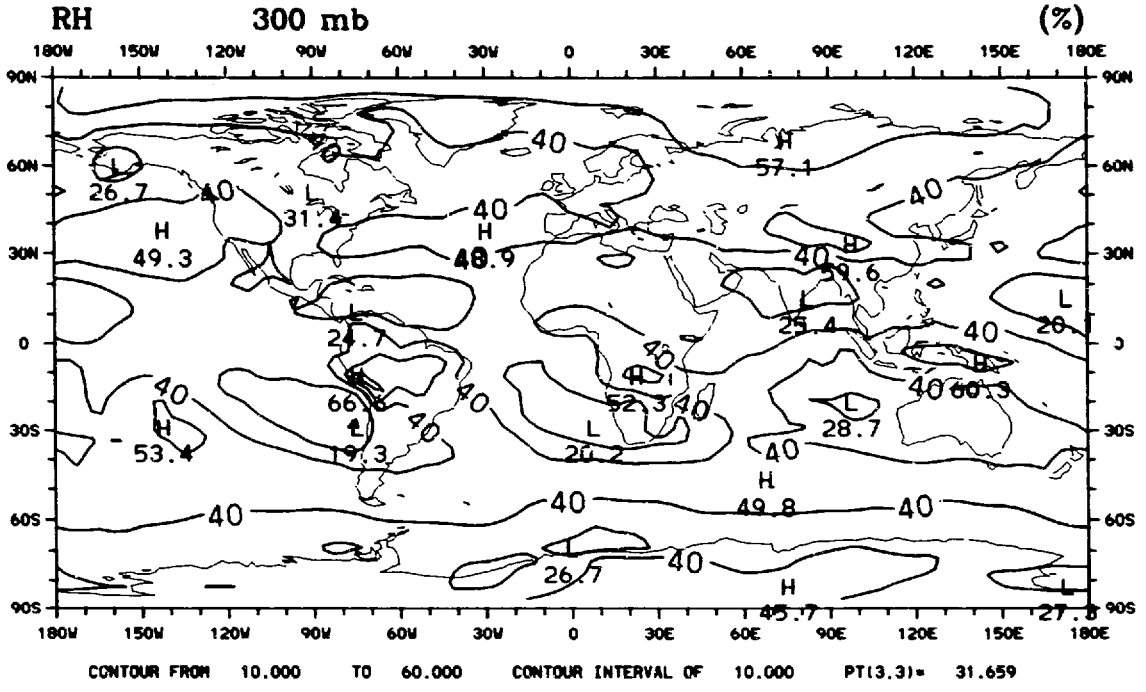

FRAME 1.107

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



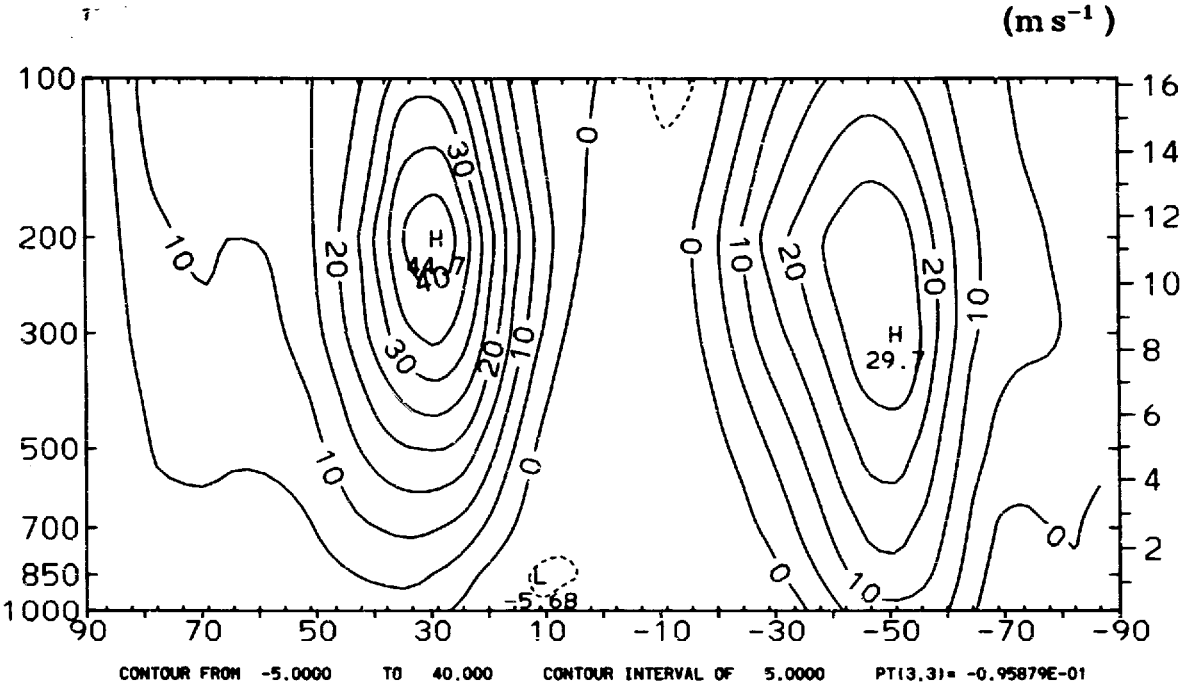

FRAME 1,108

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



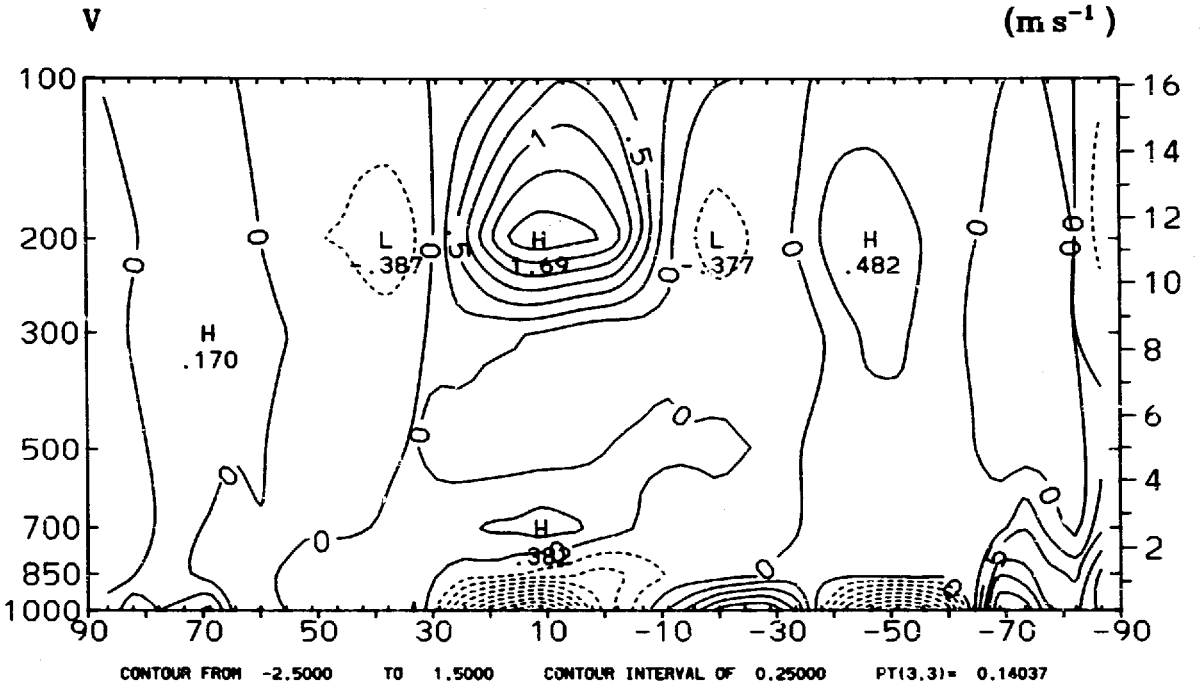

FRAME 1,109

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



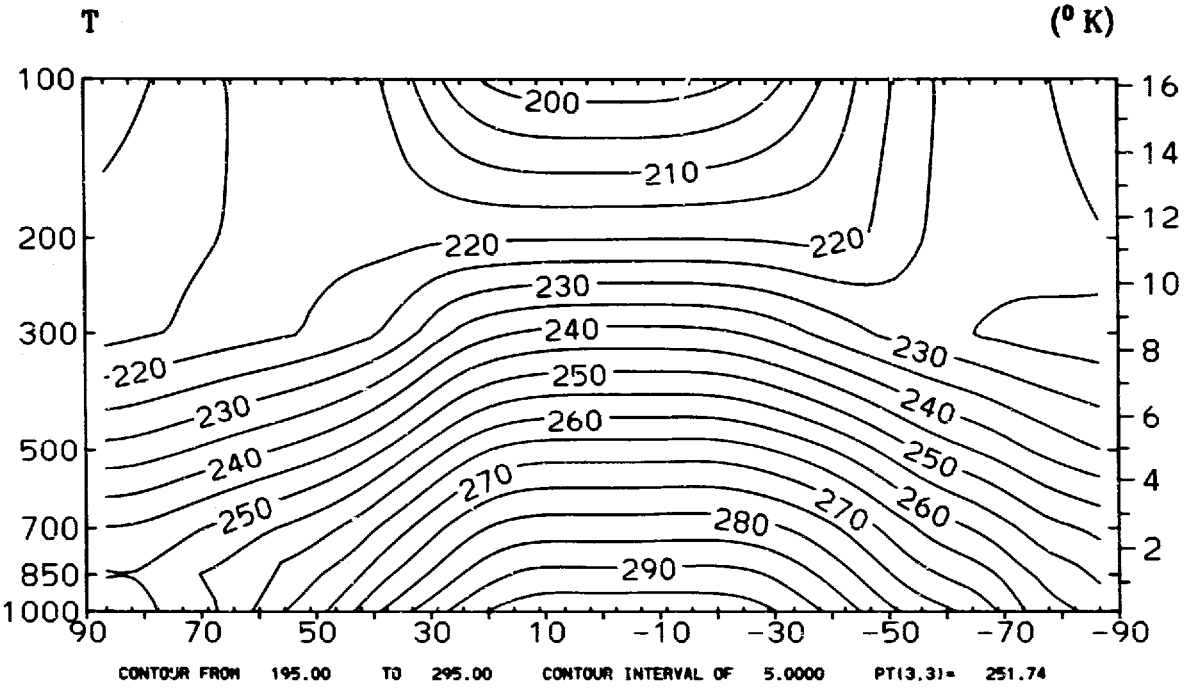

FRAME 1.110

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.111

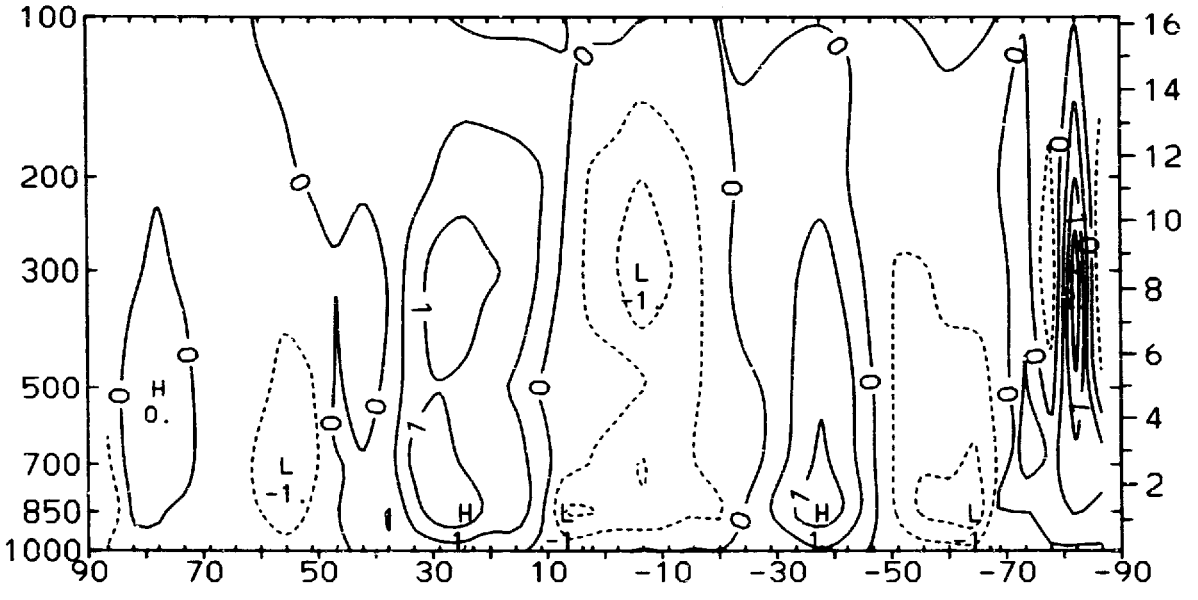
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

OMEGA (mb $s^{-1}$ X $10^4$)

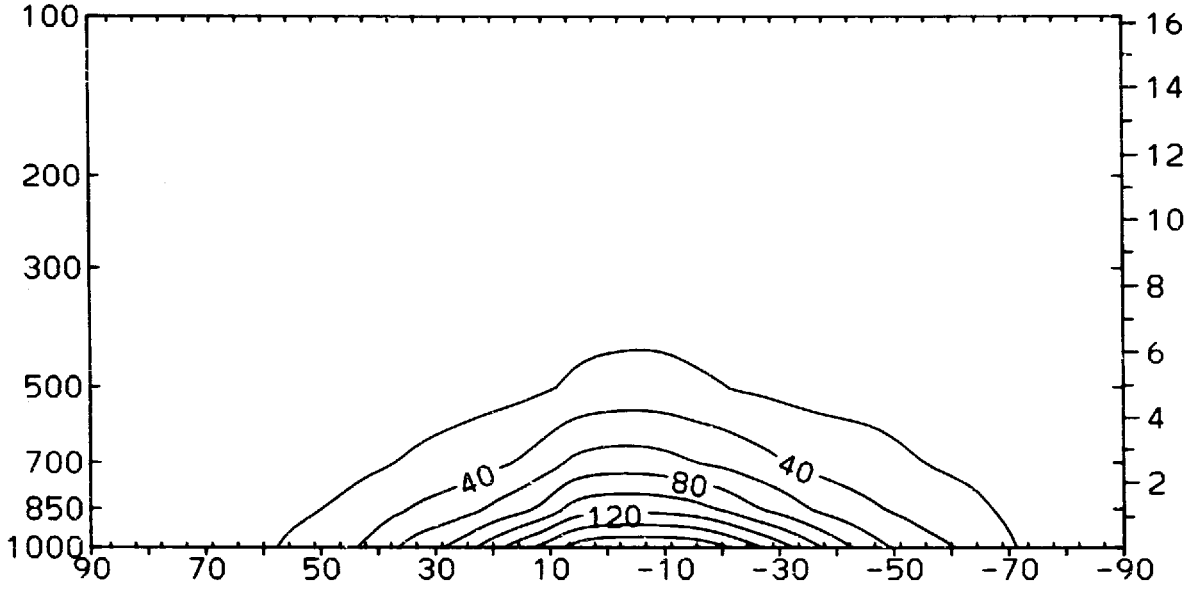



CONTOUR FROM -0.10000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.38647E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

Q (g kg$^{-1}$ X 10)

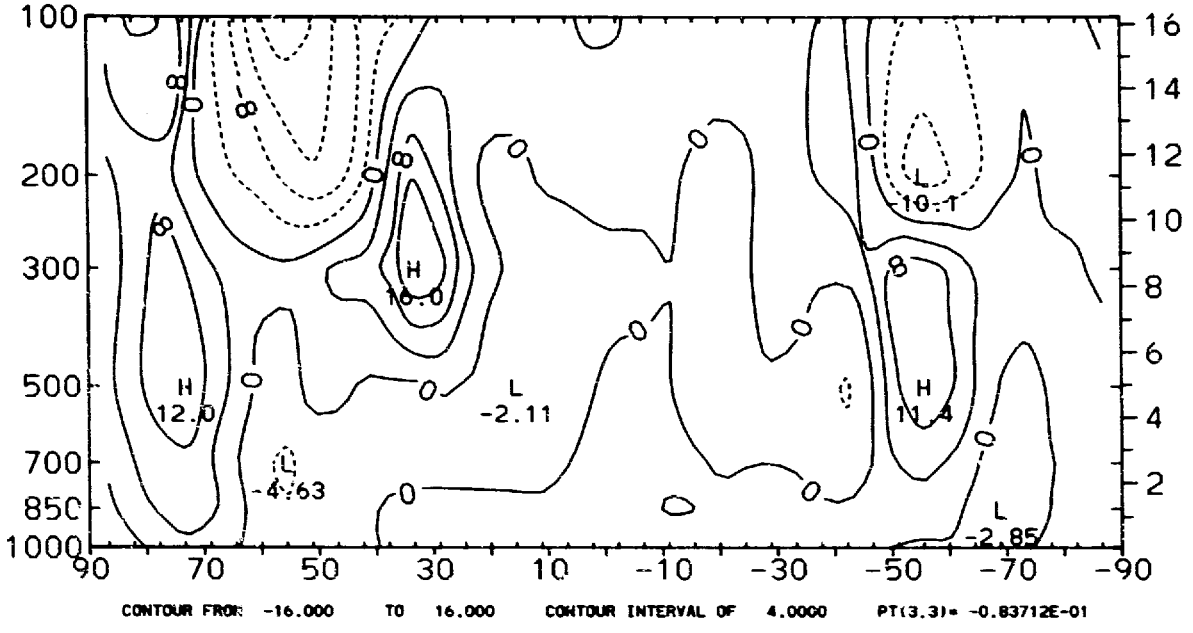



CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.79161E-03 LABELS SCALED BY 10000.

FRAME 1.114

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

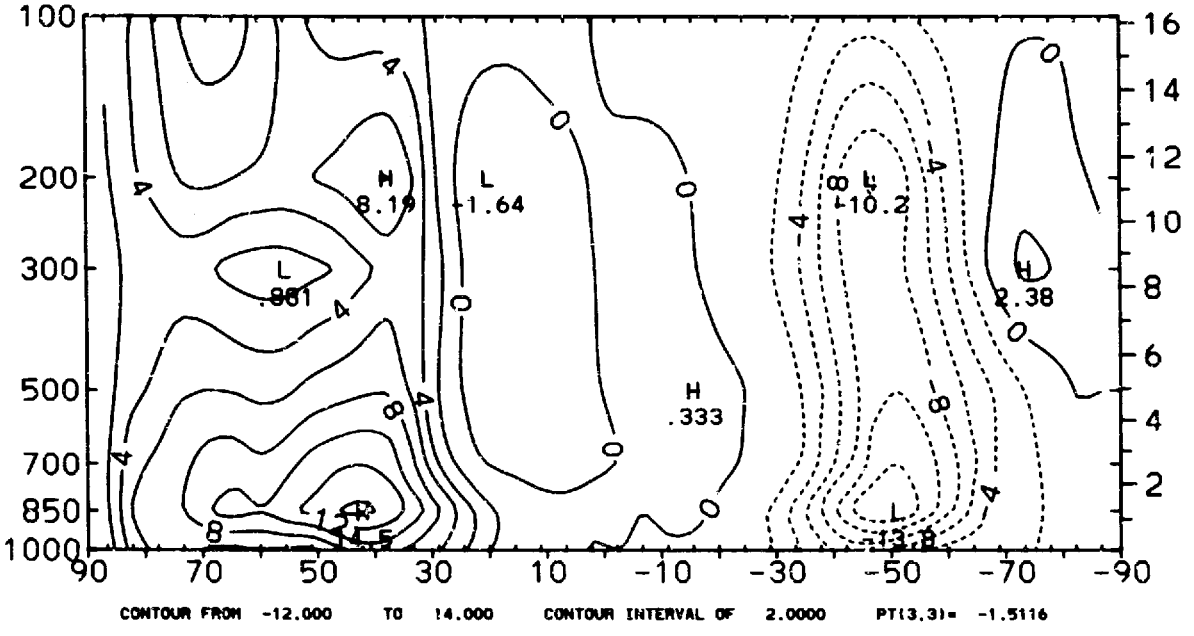
**UTP** ($^0$ K m s$^{-1}$)




FRAME 1.115

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

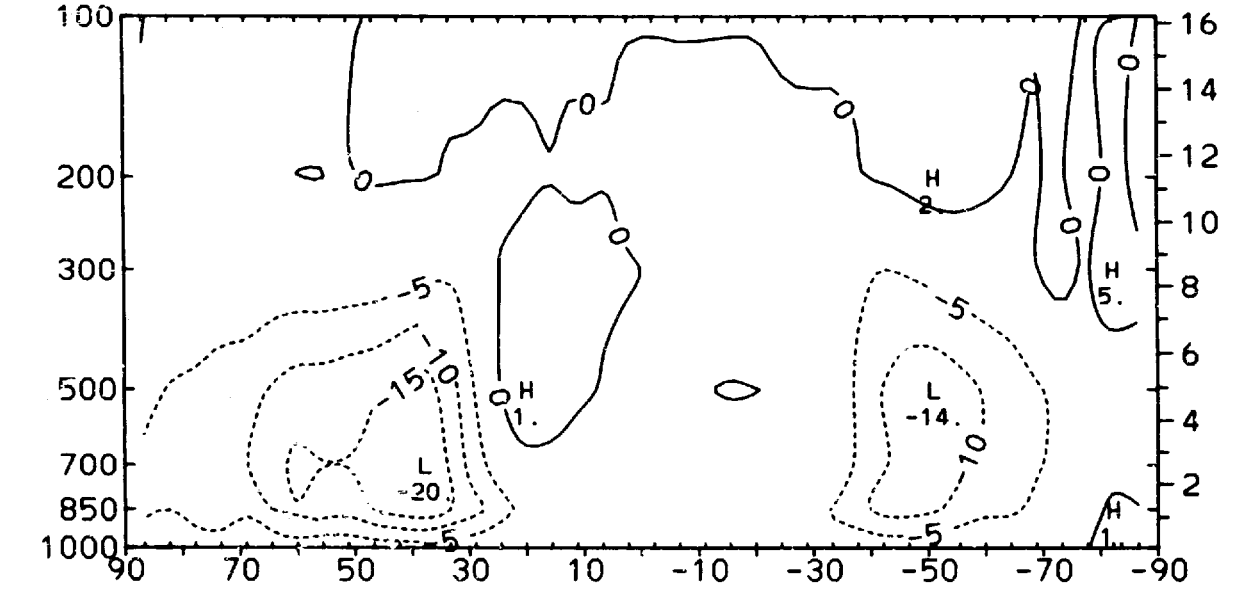
VTP ($^0$ K m s$^{-1}$)




FRAME 1.116

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

WTP ($^0$ K mb s$^{-1}$ X $10^4$)

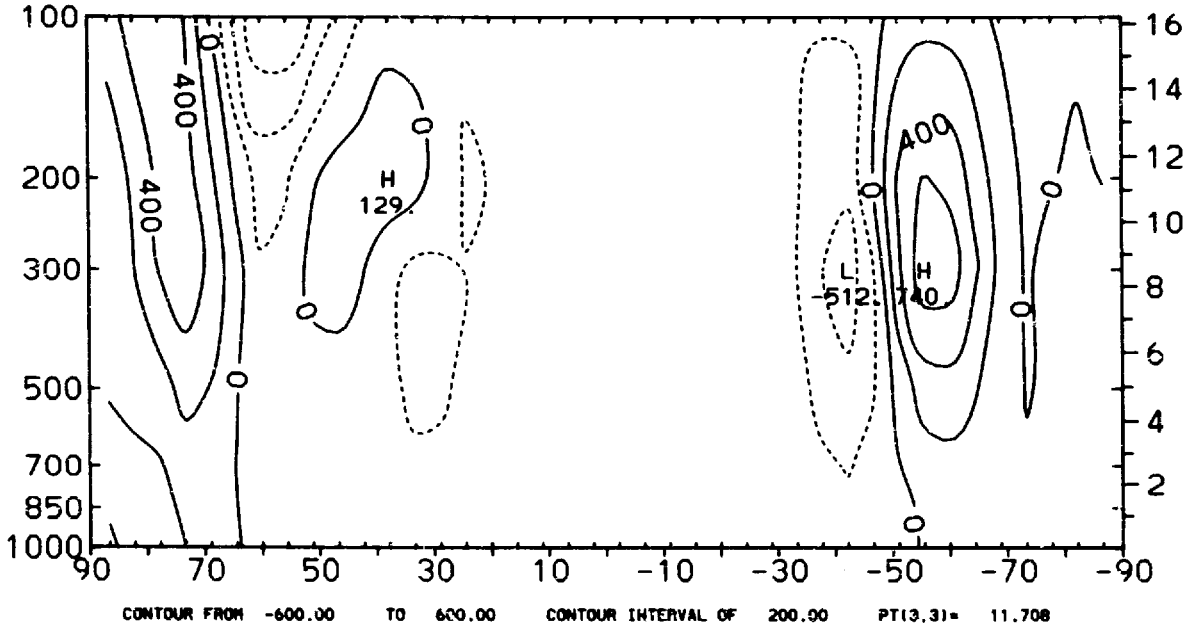



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.17766E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

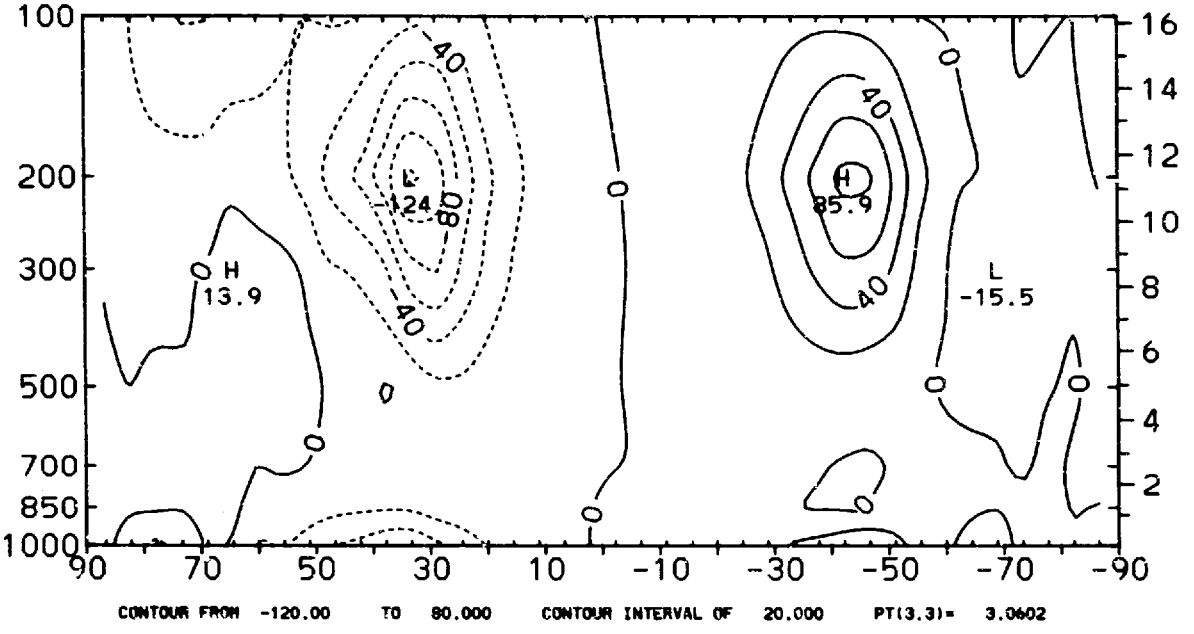
UZP $(m^2 s^{-1})$




FRAME 1.118

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

VZP $(m^2 s^{-1})$

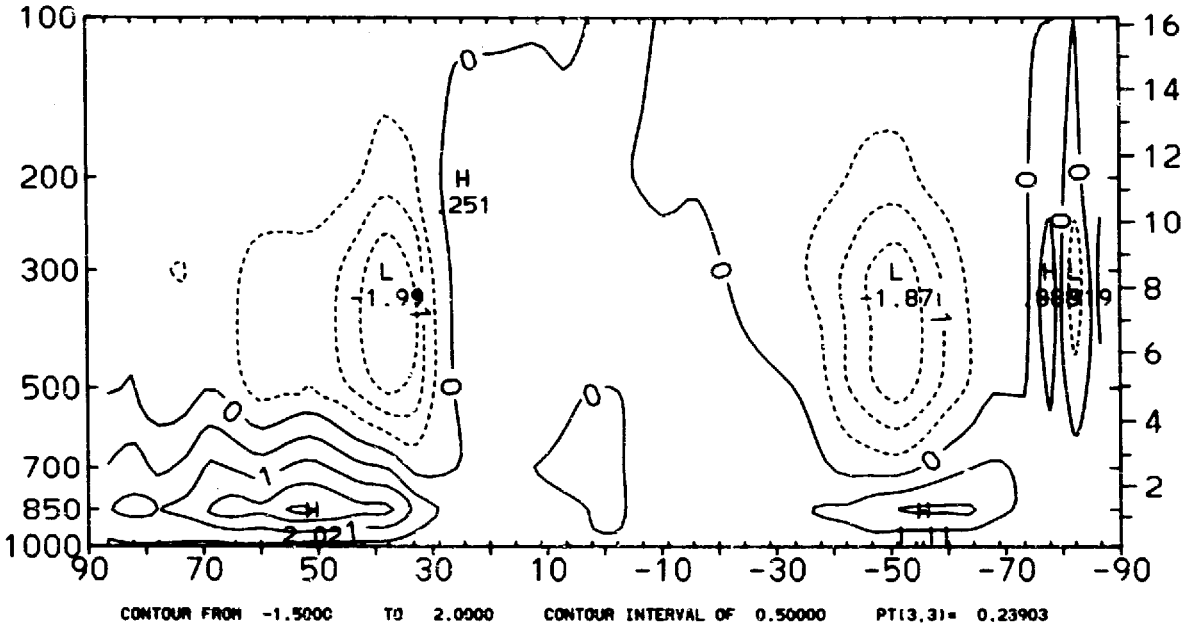



CONTOUR FROM -120.00 TO 80.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= 3.0602

FRAME 1.119

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1966)

WZP (mb m $s^{-1}$ X $10^2$)

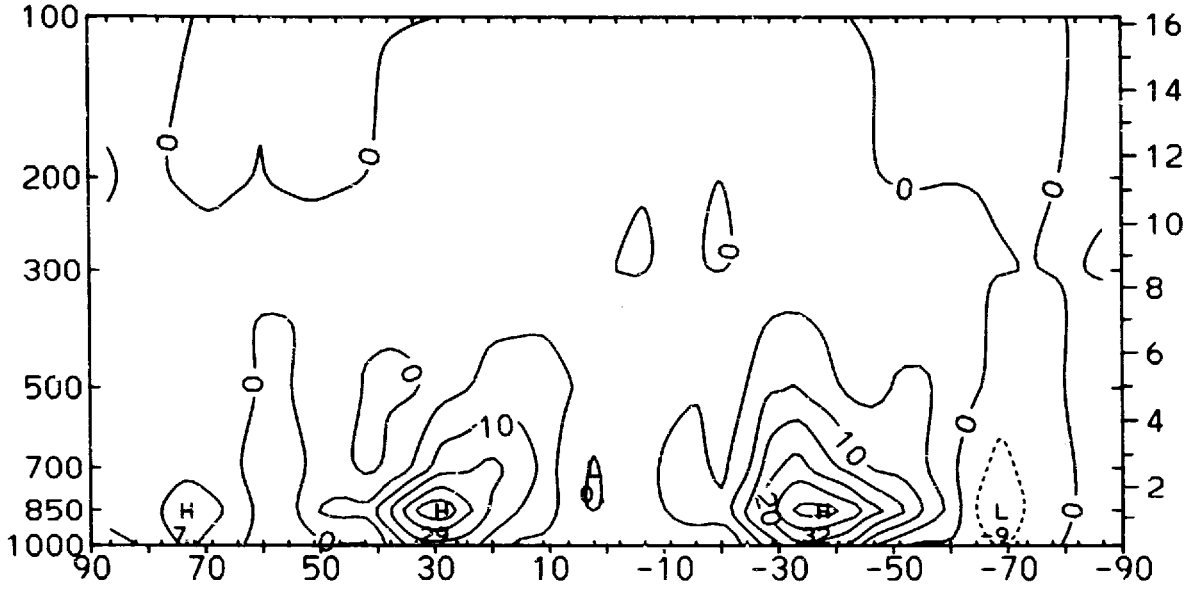



CONTOUR FROM -1.5000 TO 2.0000 CONTOUR INTERVAL OF 0.50000 PT(3,3)= 0.23903

FRAME 1.120

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

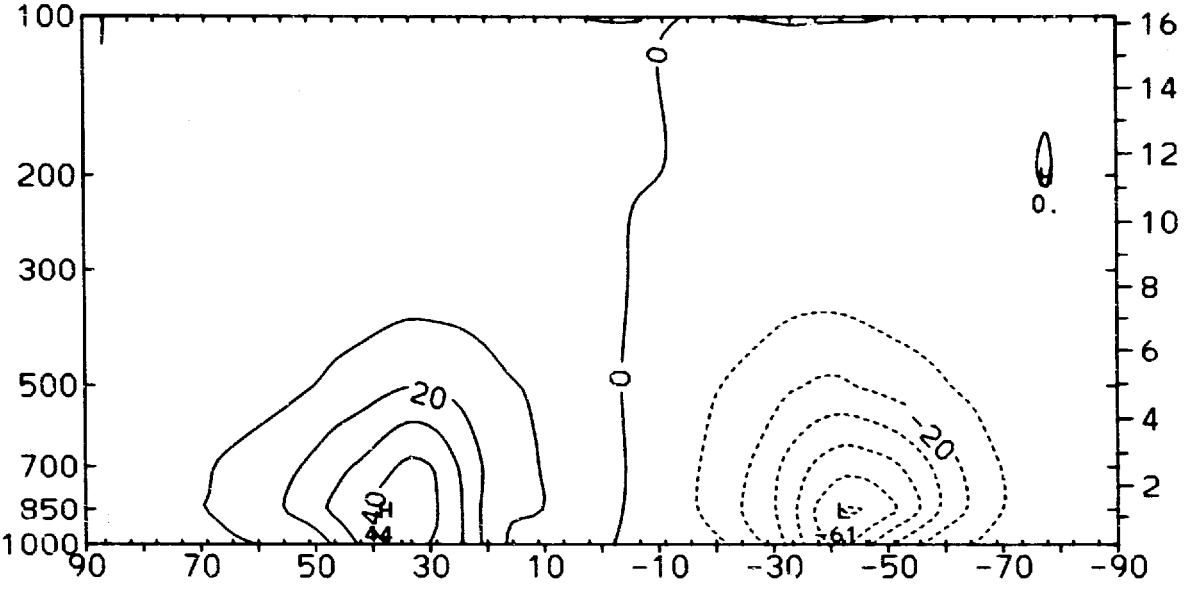



CONTOUR FROM -0.50000E-03 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.16019E-03 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

VQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

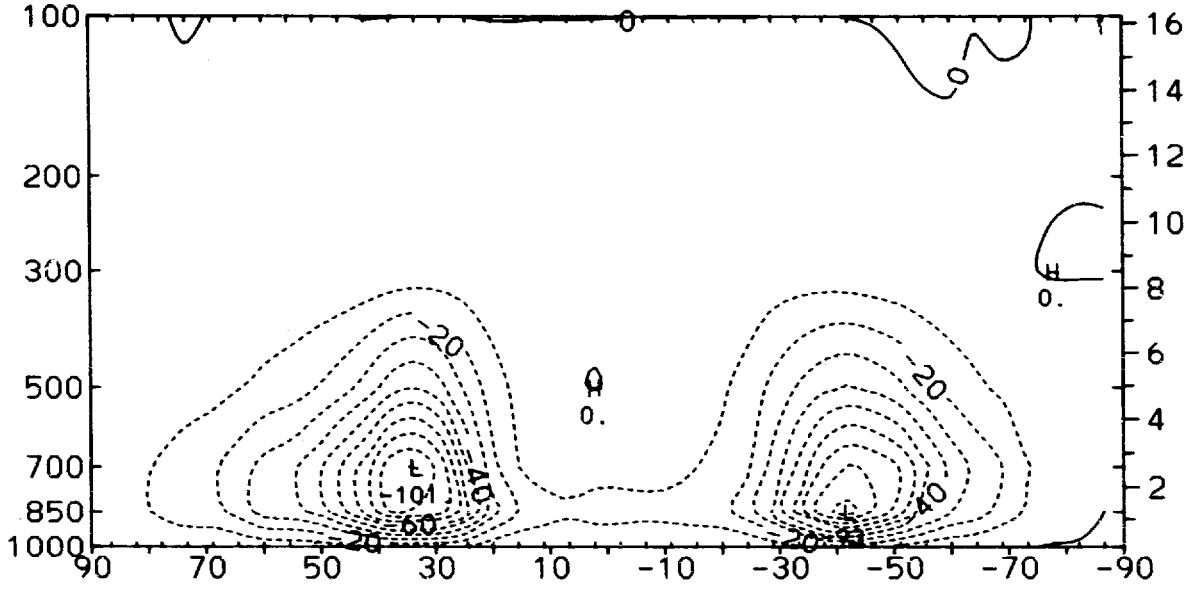



CONTOUR FROM -0.60000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.37217E-03 LABELS SCALED BY 10000.

FRAME 1.122

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

**WQP** $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

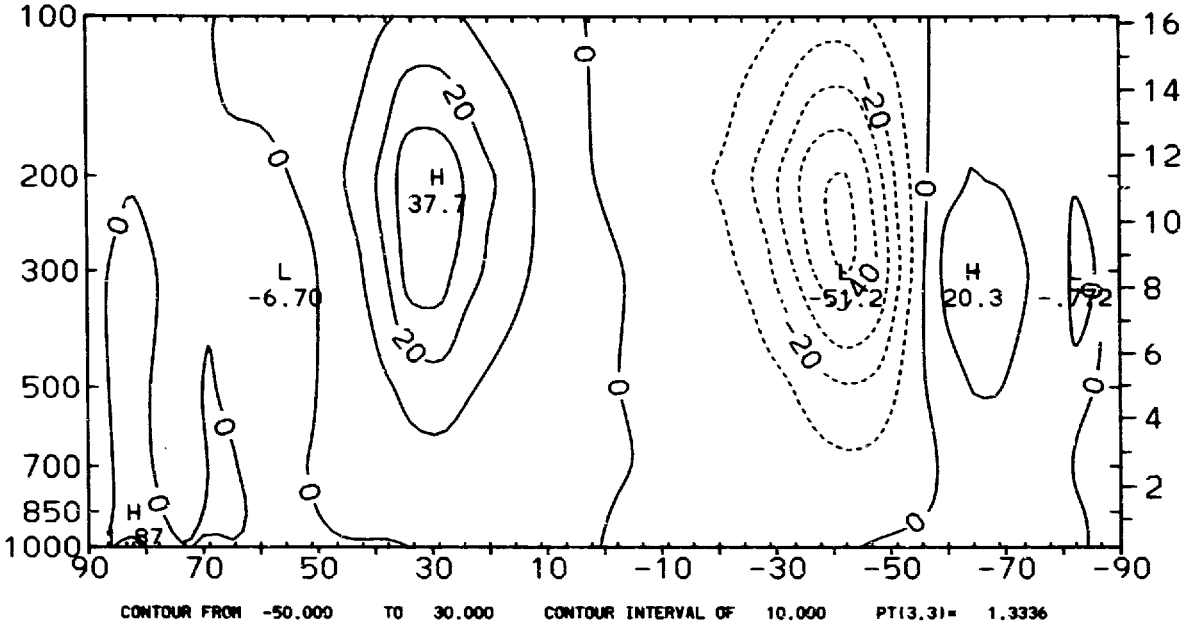



CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.66530E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

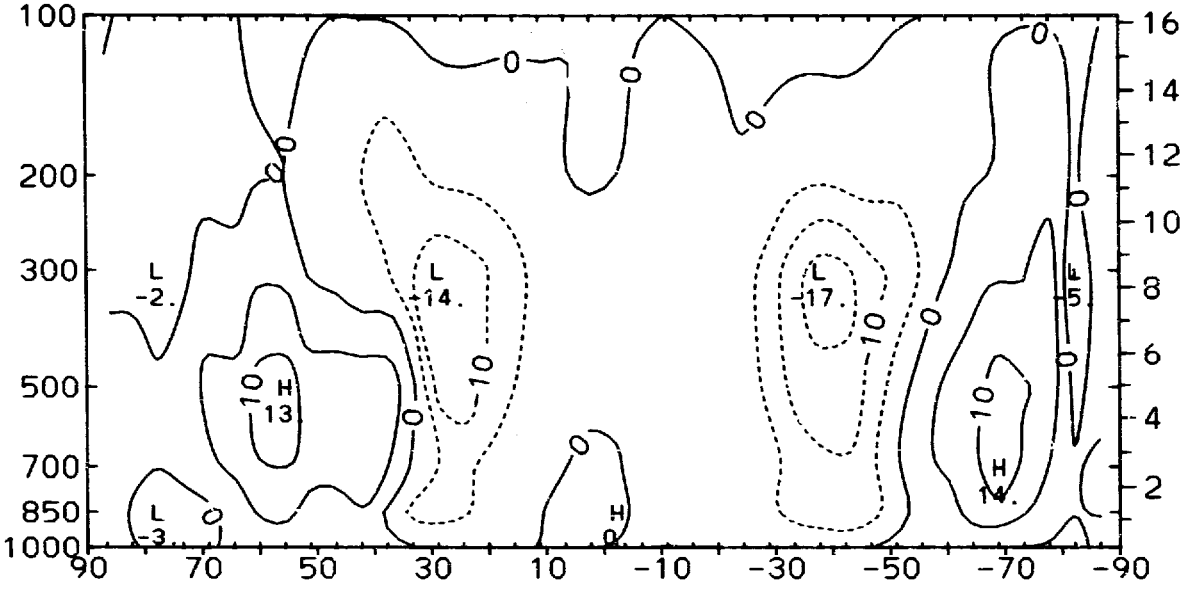
UVP $(m^2 s^{-2})$




FRAME 1.124

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

UWP (mb m s$^{-2}$ X 10$^4$)

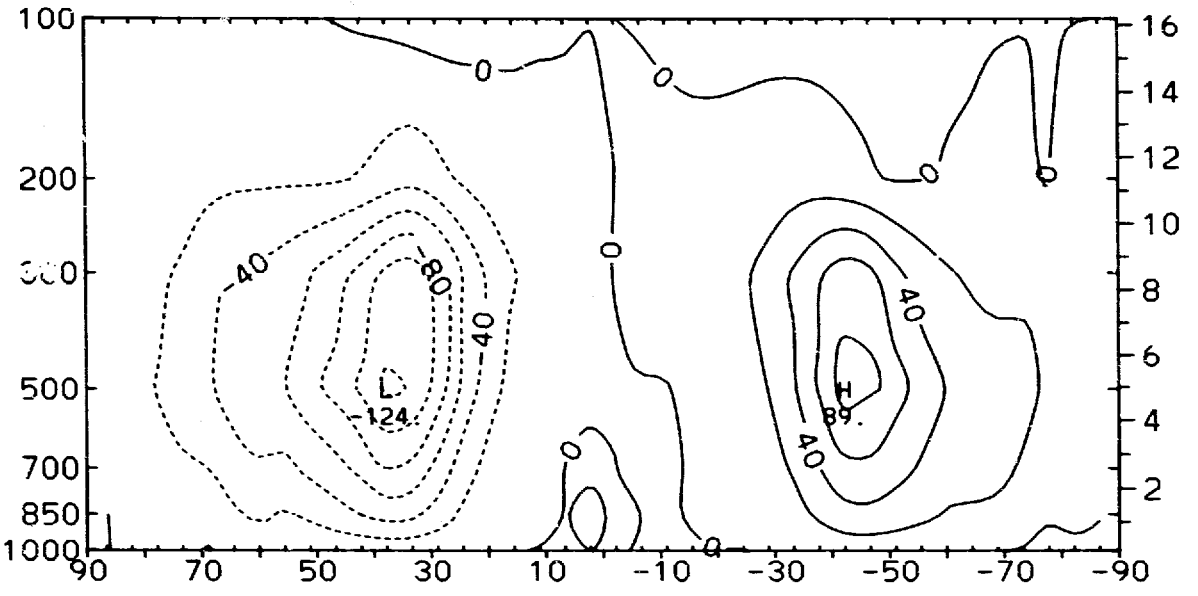



CONTOUR FROM -0.15000 TO 0.10000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.47687E-01 LABELS SCALED BY 100.00

FRAME 1.125

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

VWP (mb m s$^{-2}$ X 10$^4$)

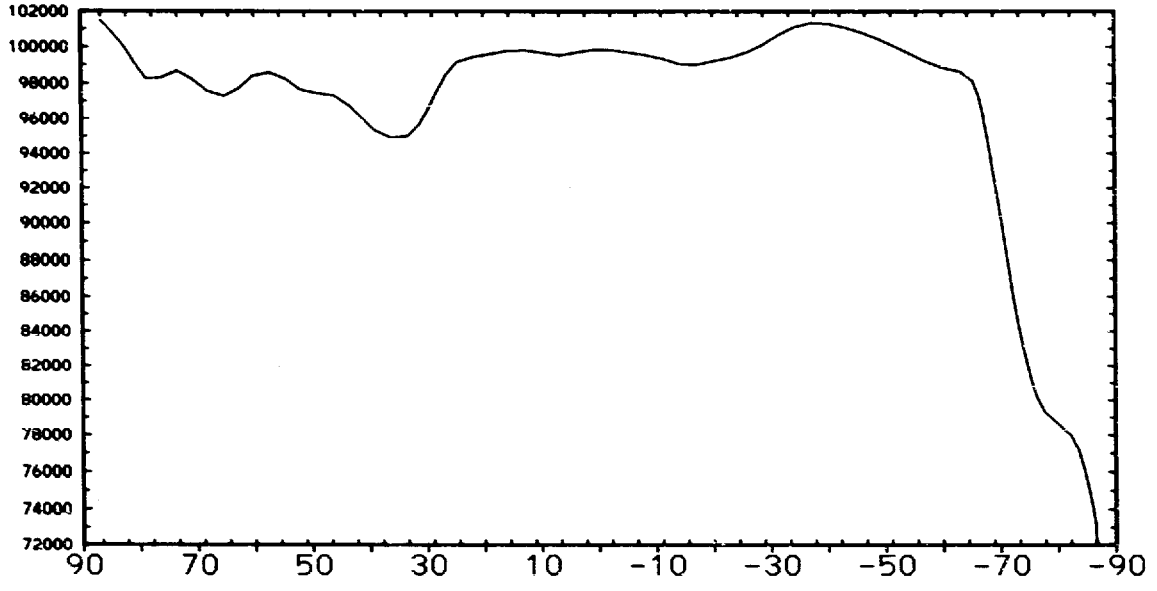



CONTOUR FROM -1.2000 TO 0.80000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.97180E-01 LABELS SCALED BY 100.00

FRAME 1.126

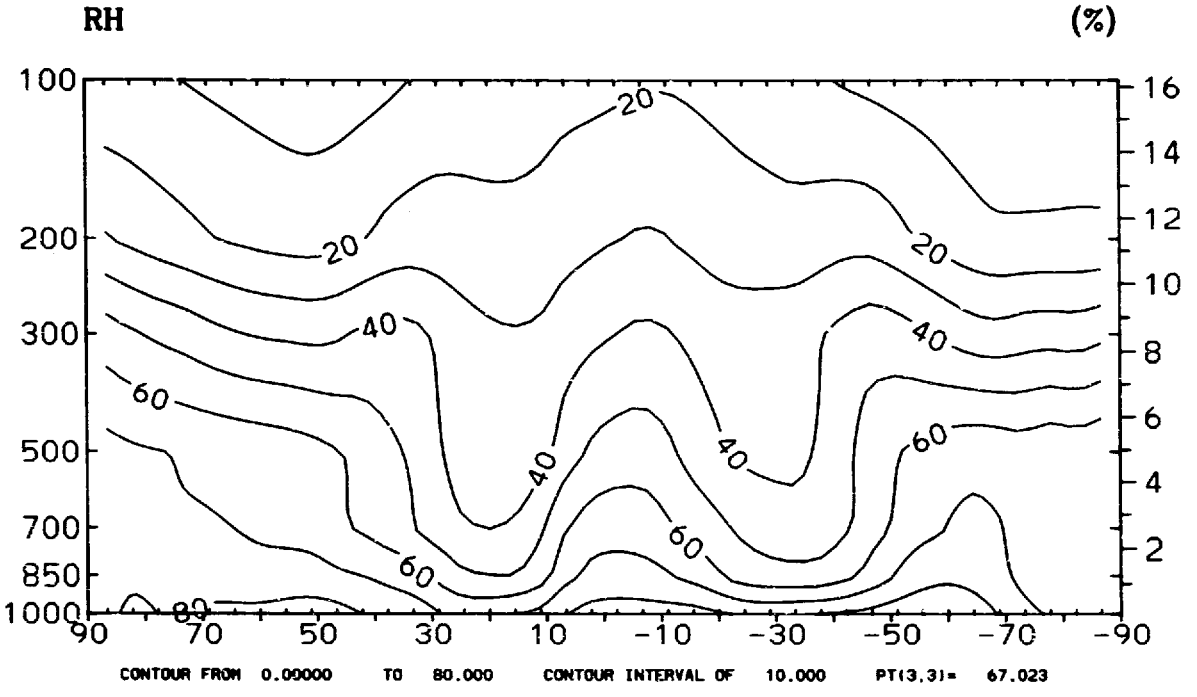
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

PS (mb X $10^2$)



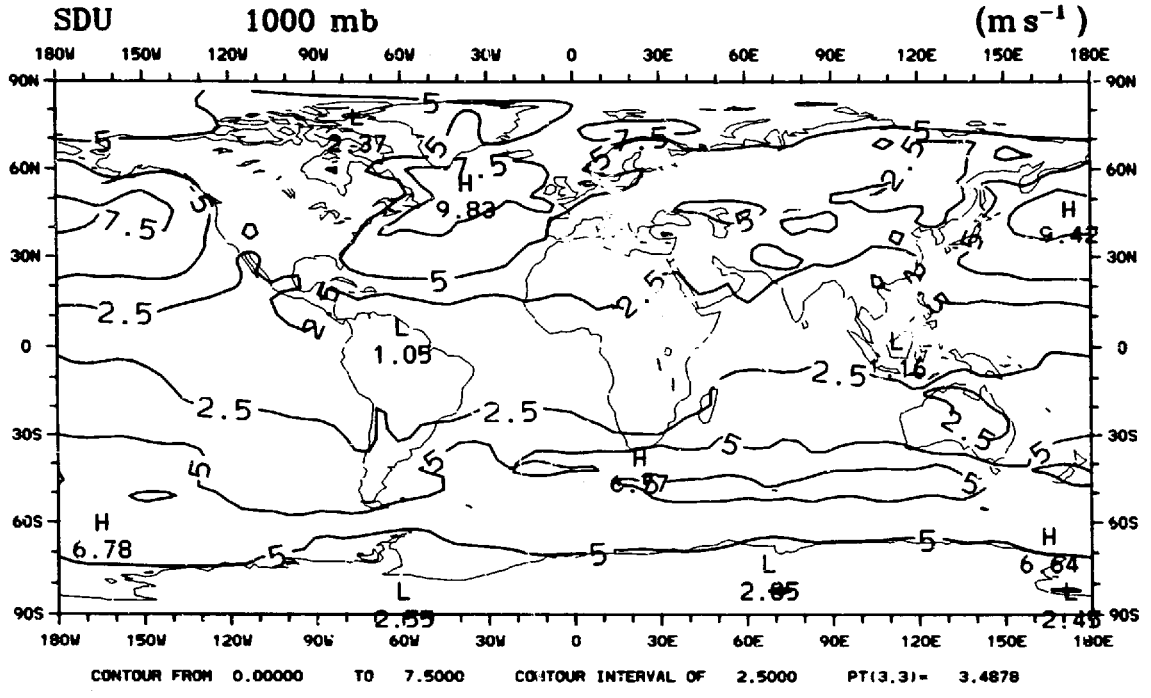

FRAME 1.127

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



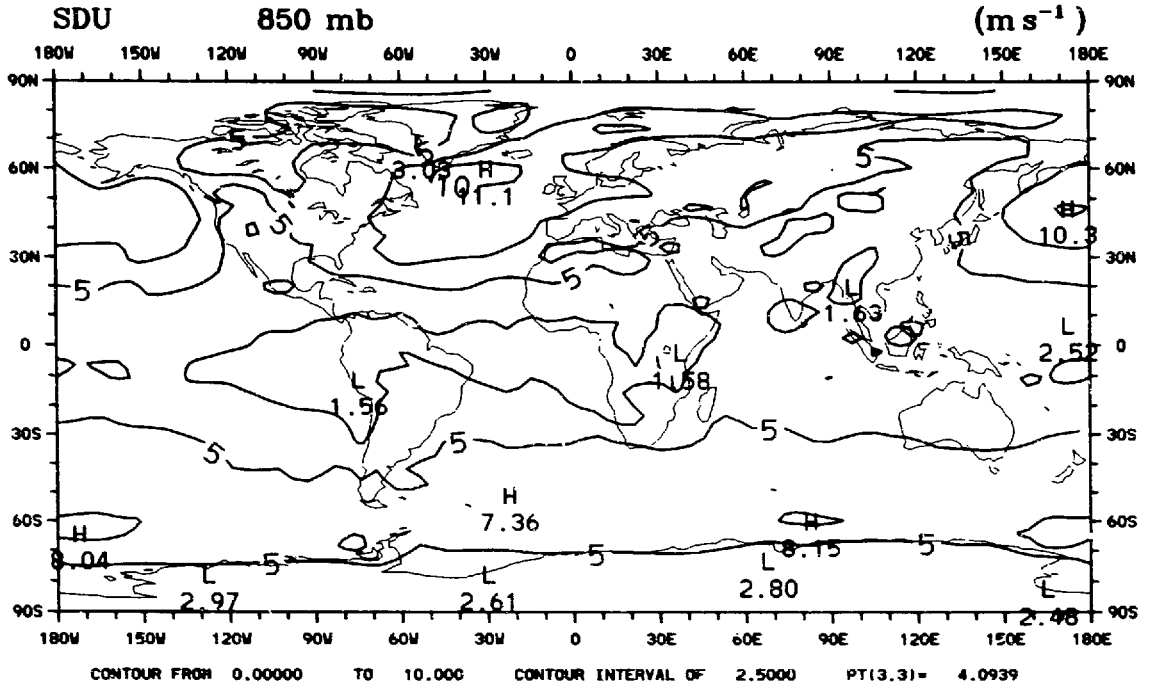

FRAME 1.128

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



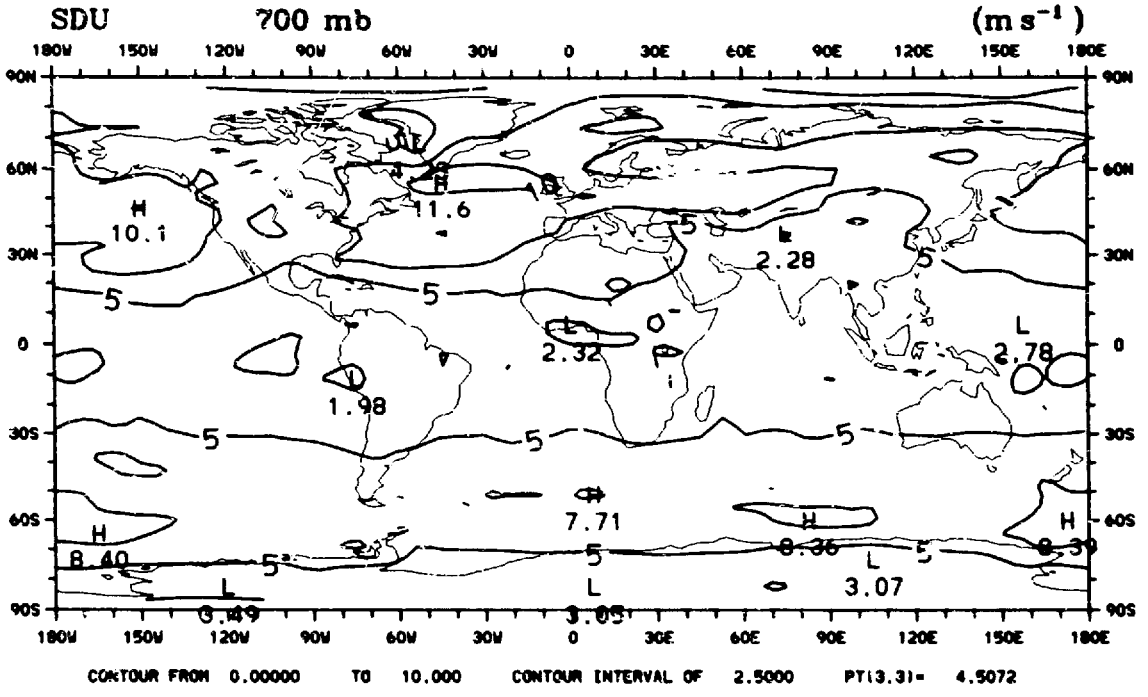

FRAME 2.1

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



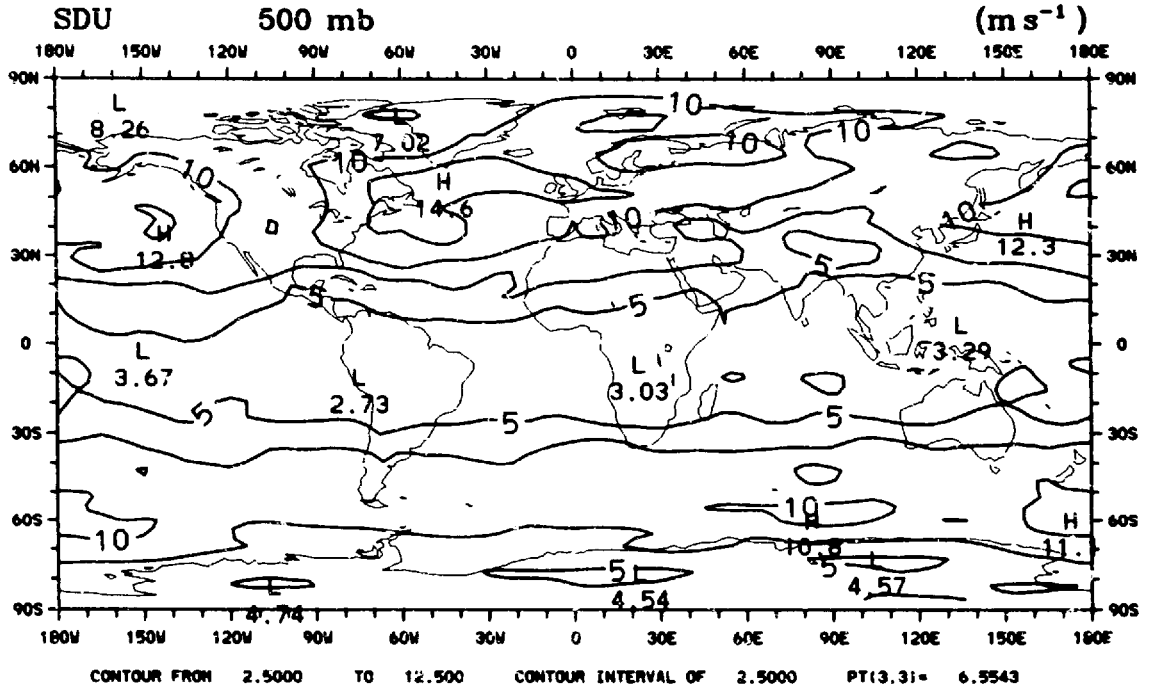

FRAME 2.2

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



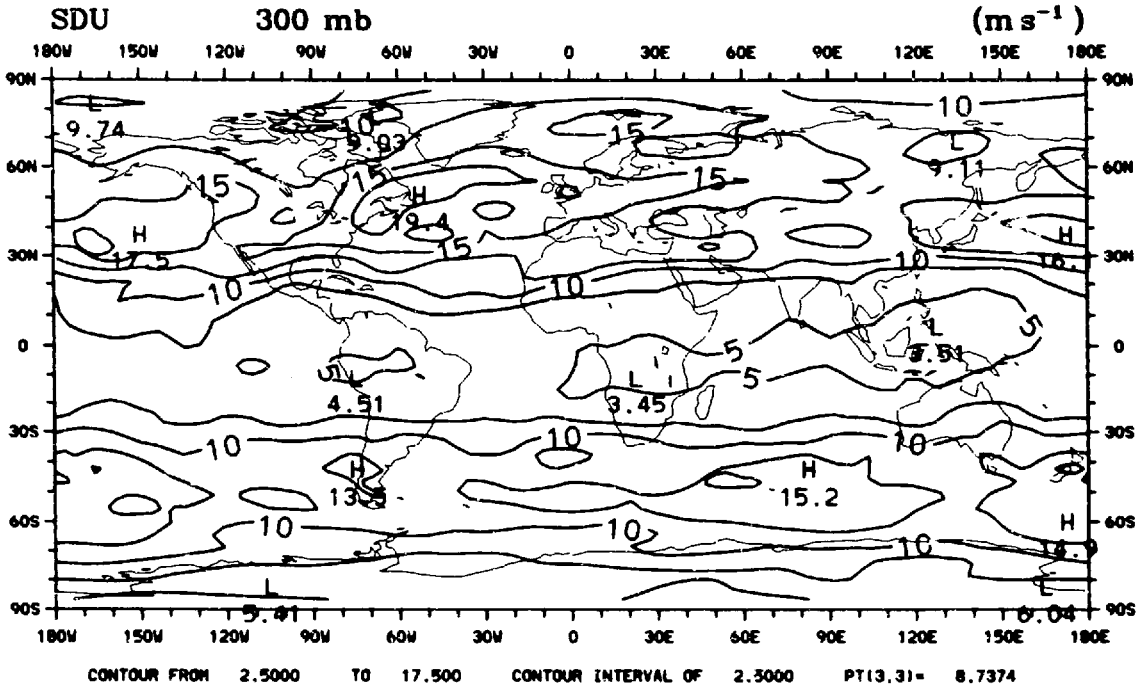

FRAME 2.3

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



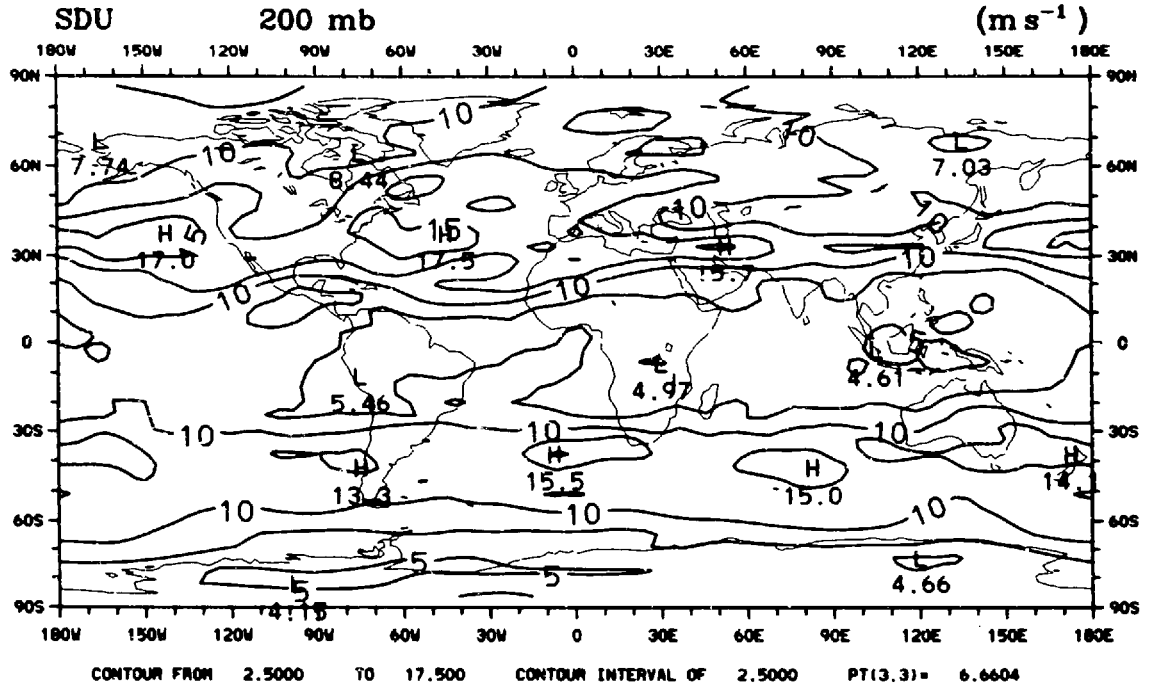

FRAME 2.4

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



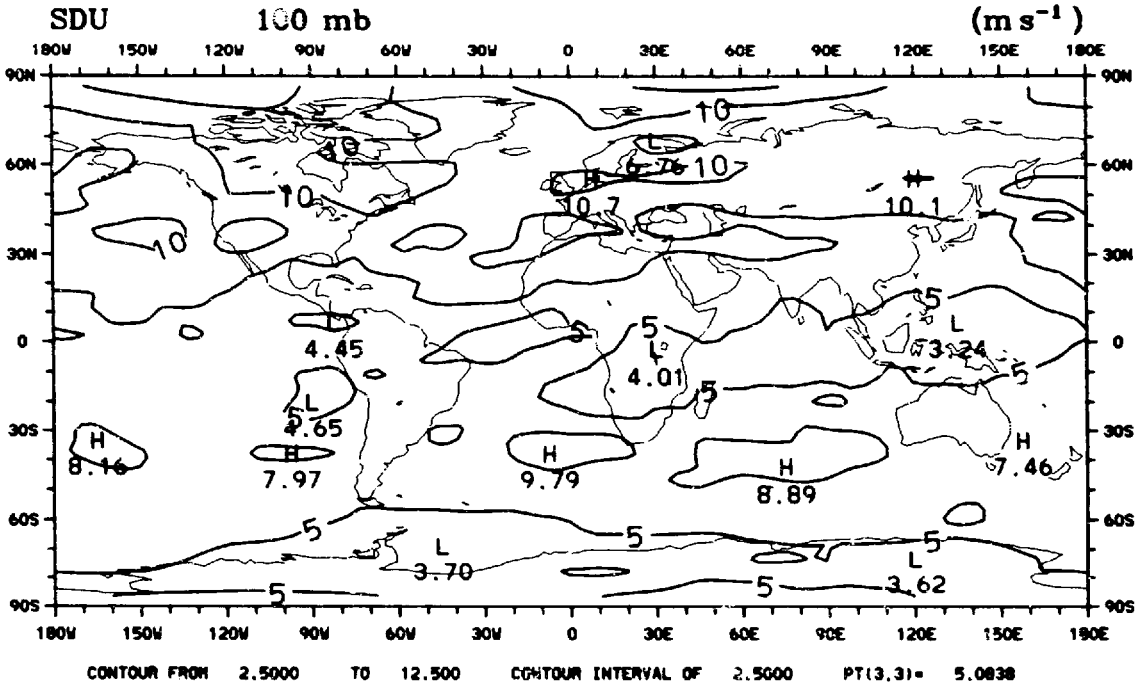

FRAME 2.5

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



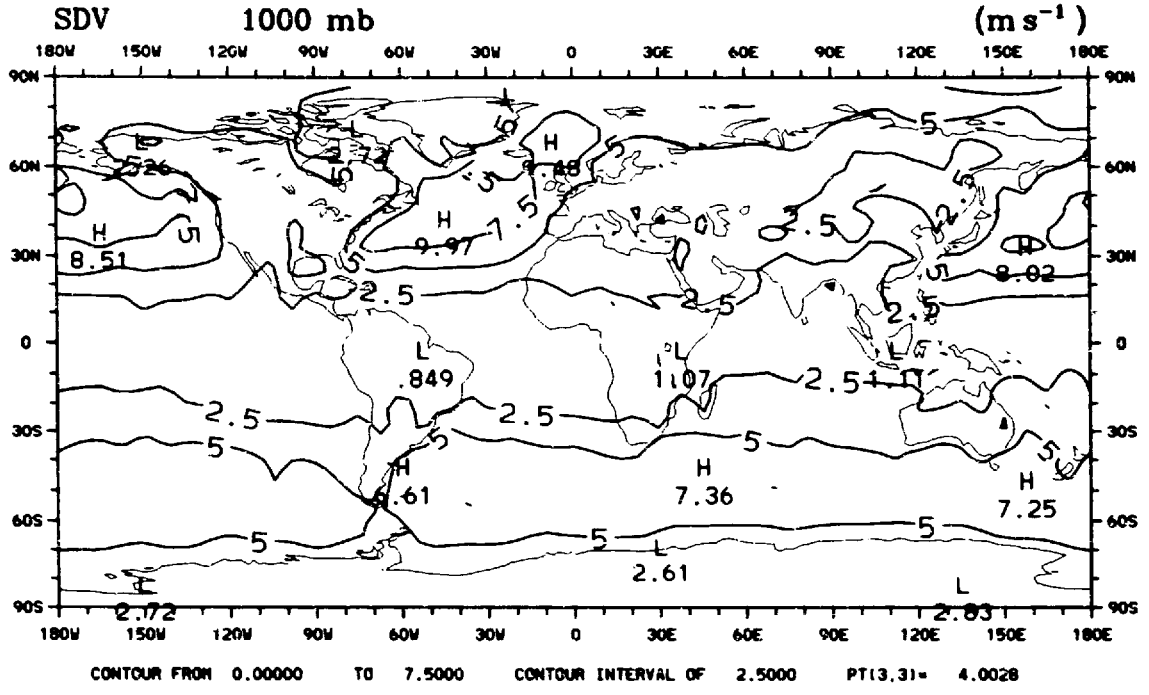

FRAME 2.6

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



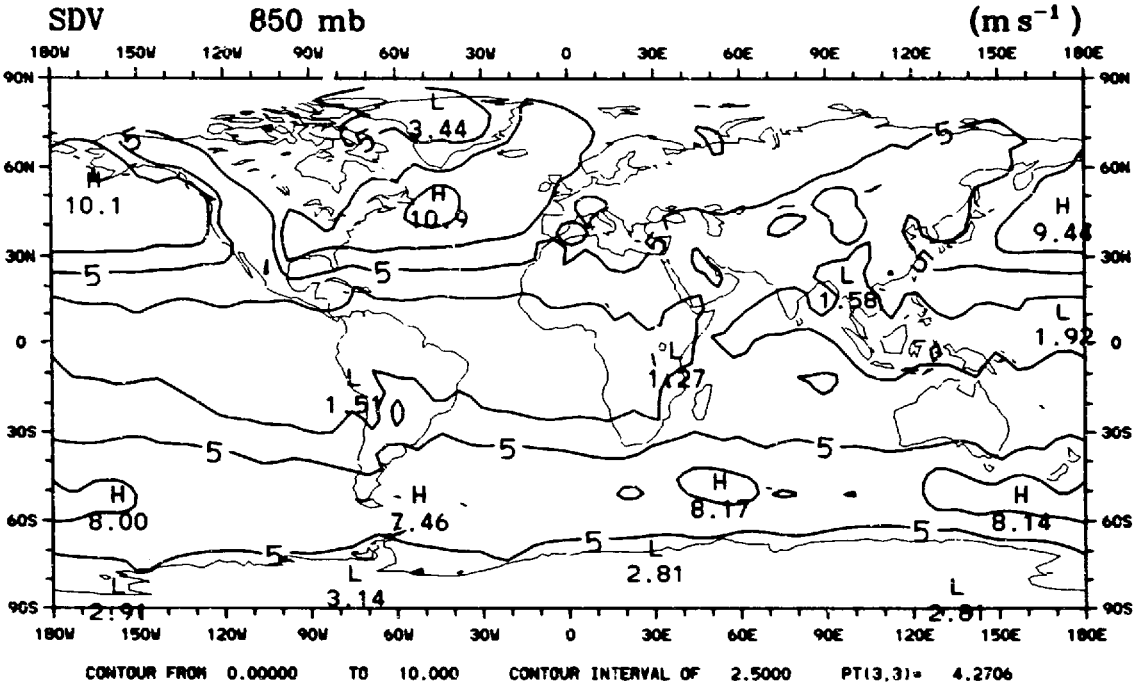

FRAME 2.7

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



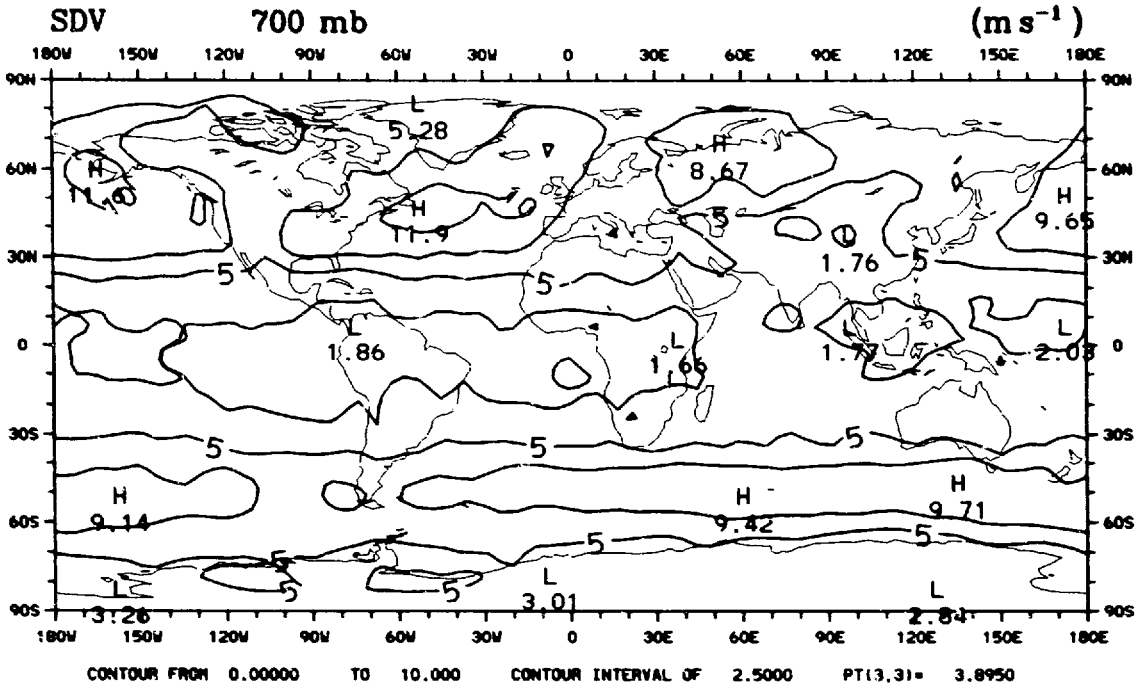

FRAME 2.8

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



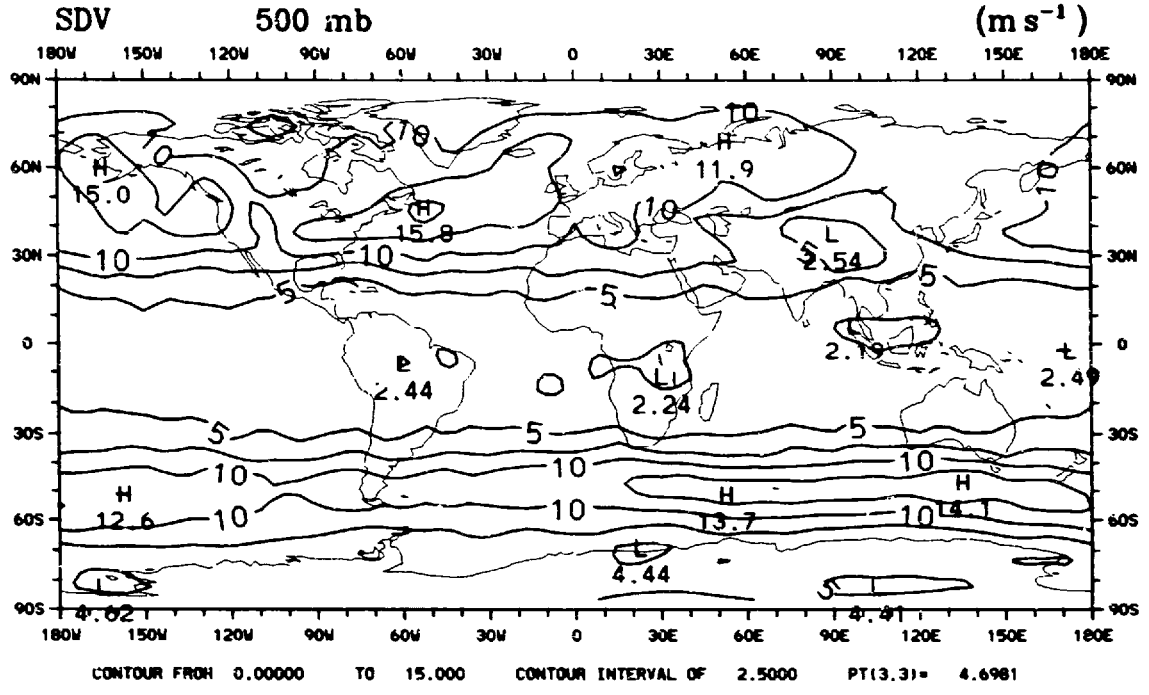

FRAME 2.9

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.10

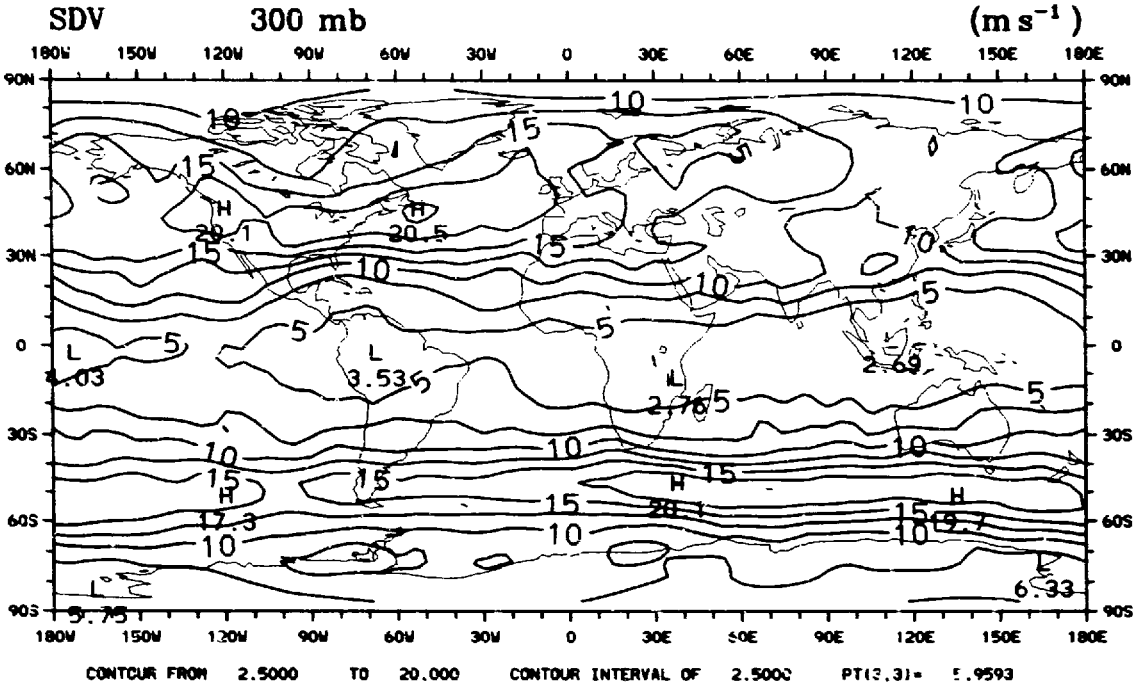
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 15.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 4.6981

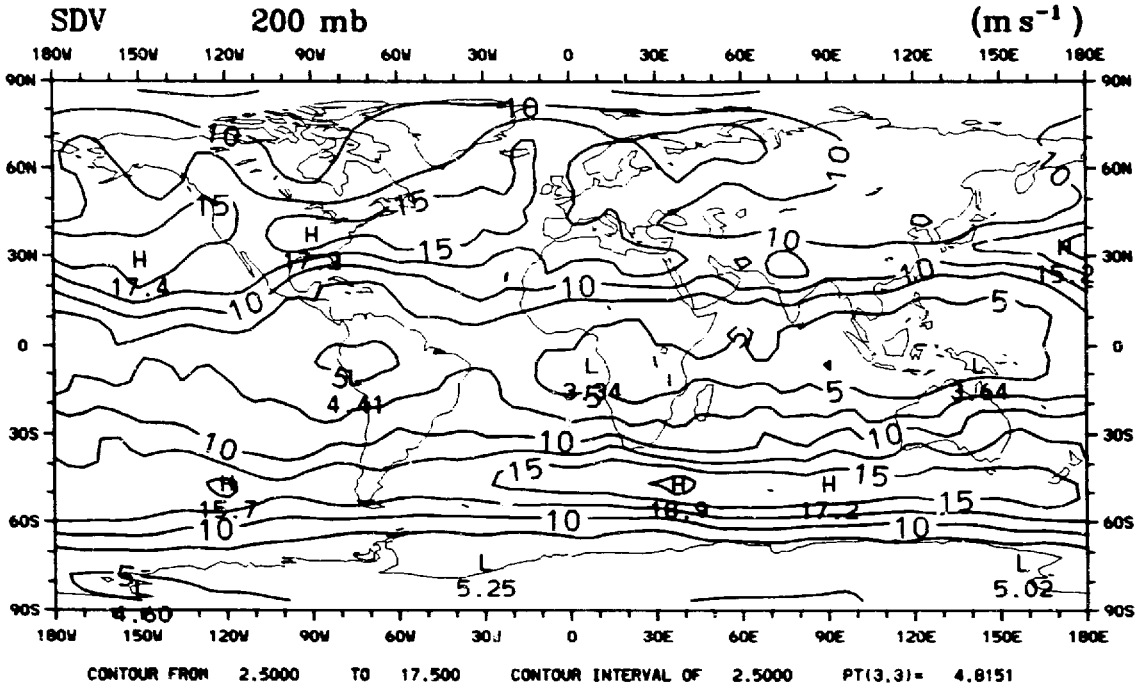
FRAME 2.11

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



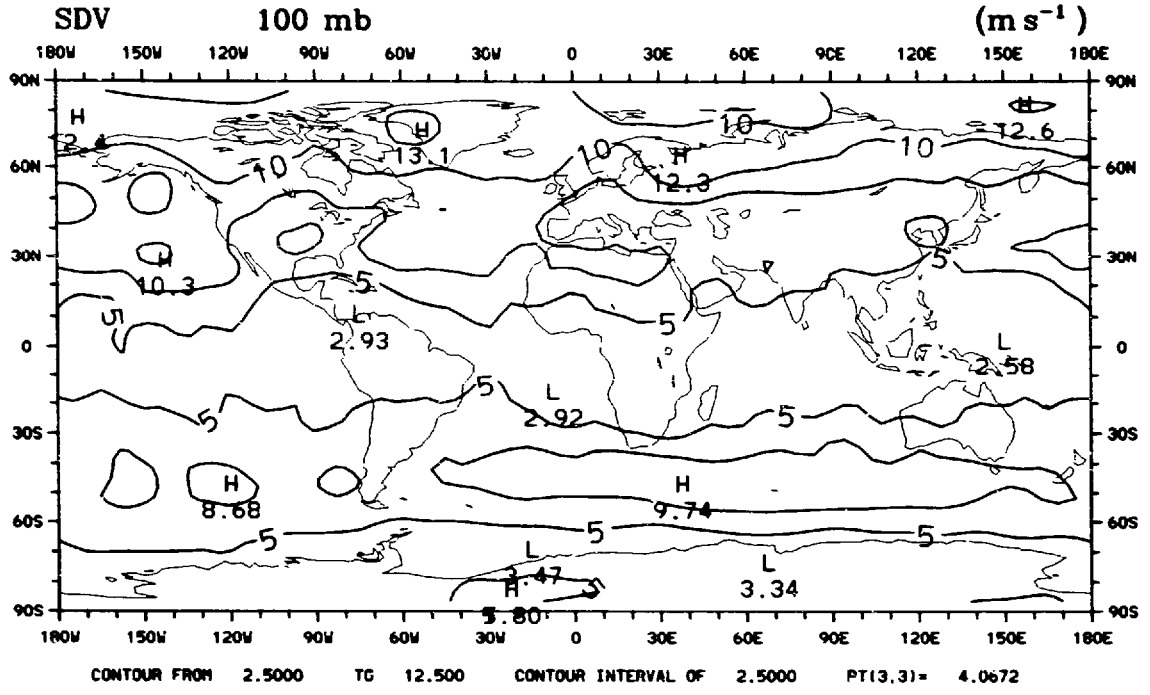

FRAME 2.12

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



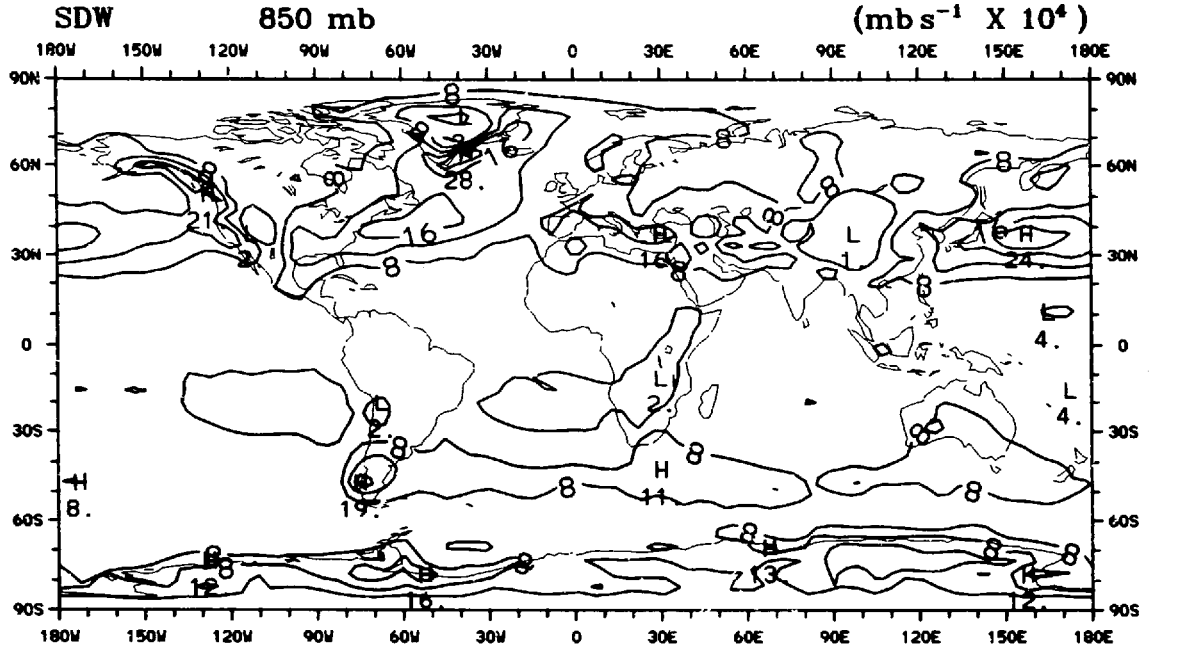

FRAME 2.13

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



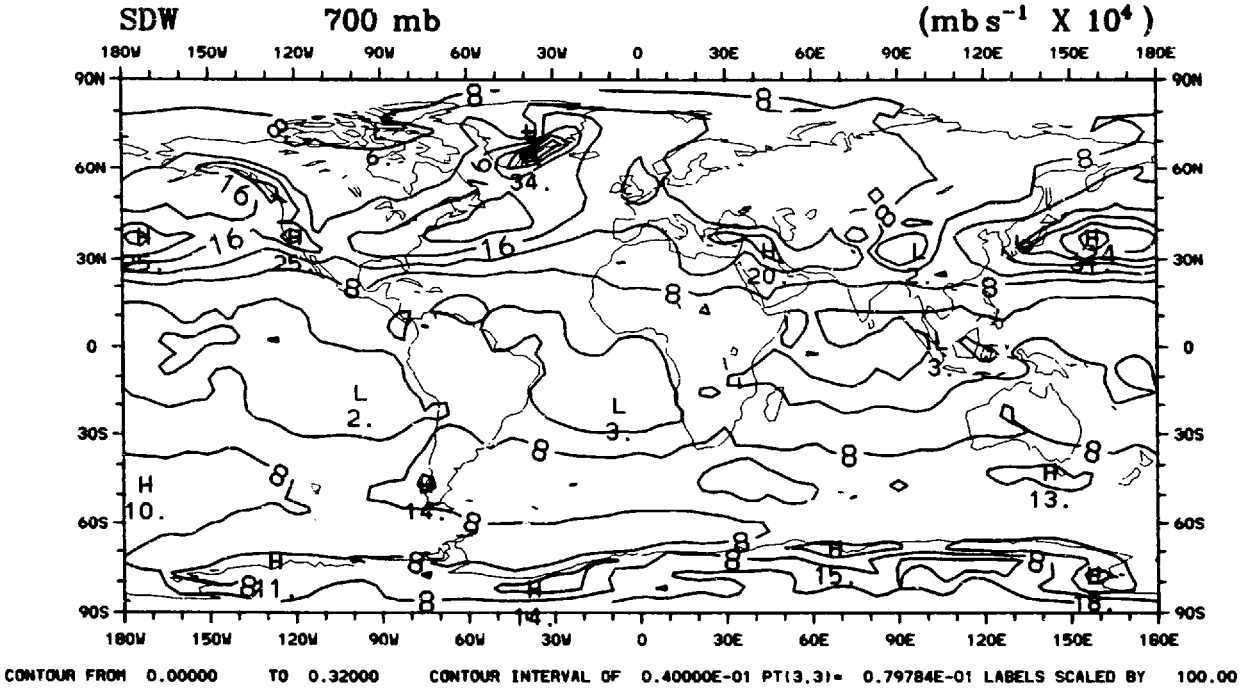

FRAME 2.14

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



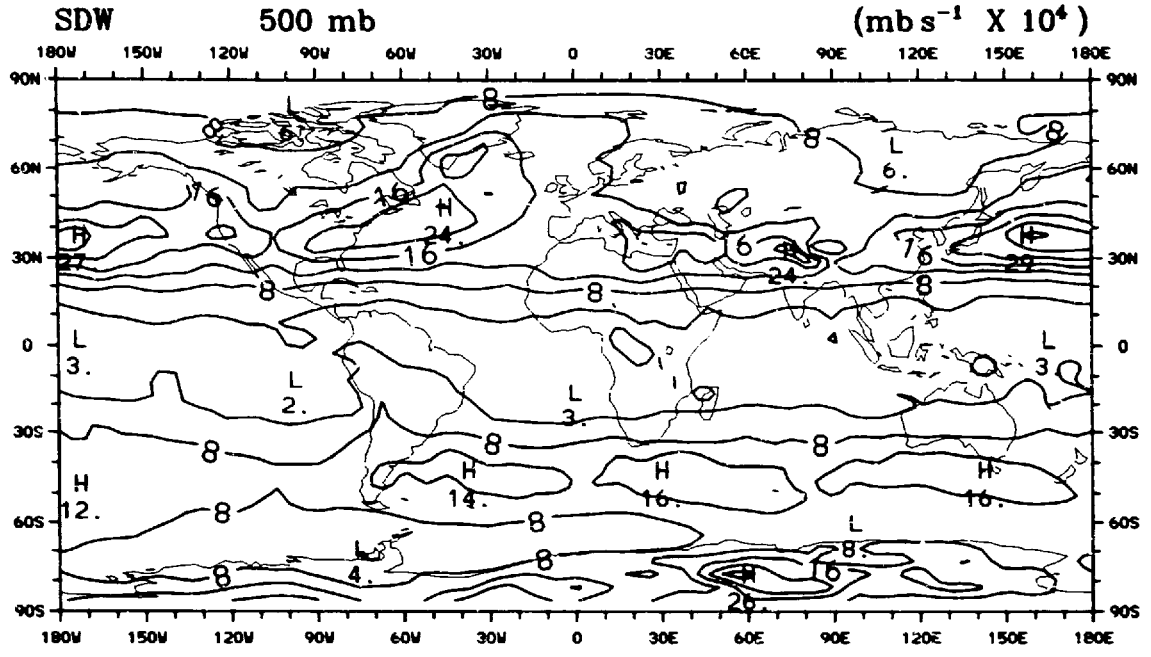

FRAME 2.15

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



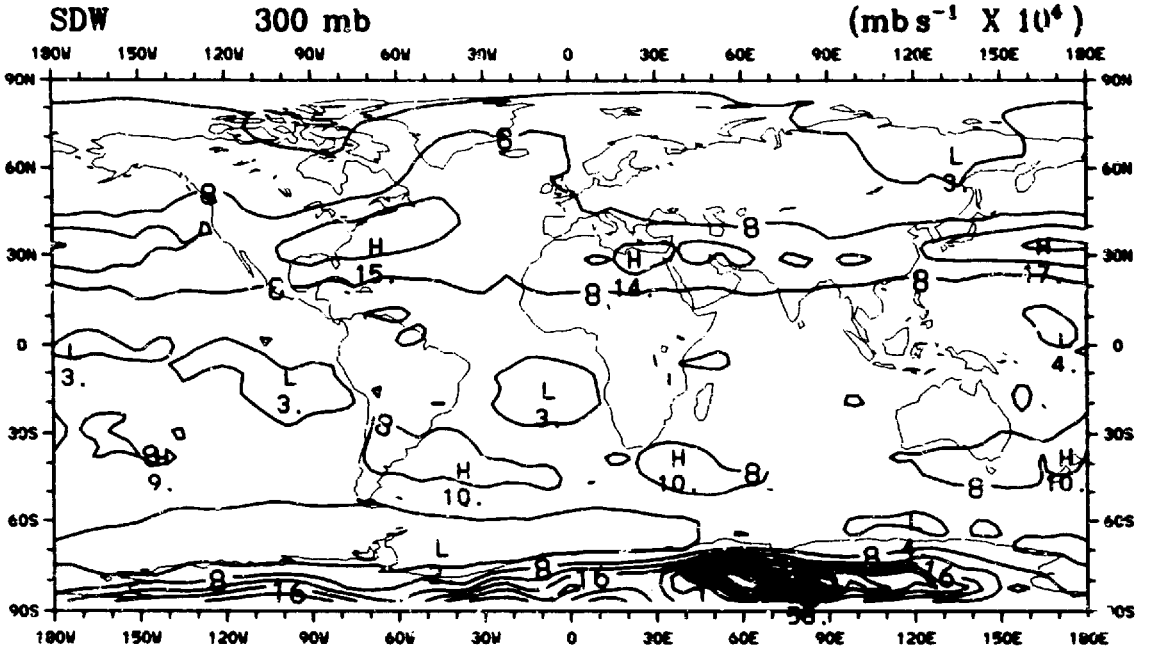

FRAME 2.16

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



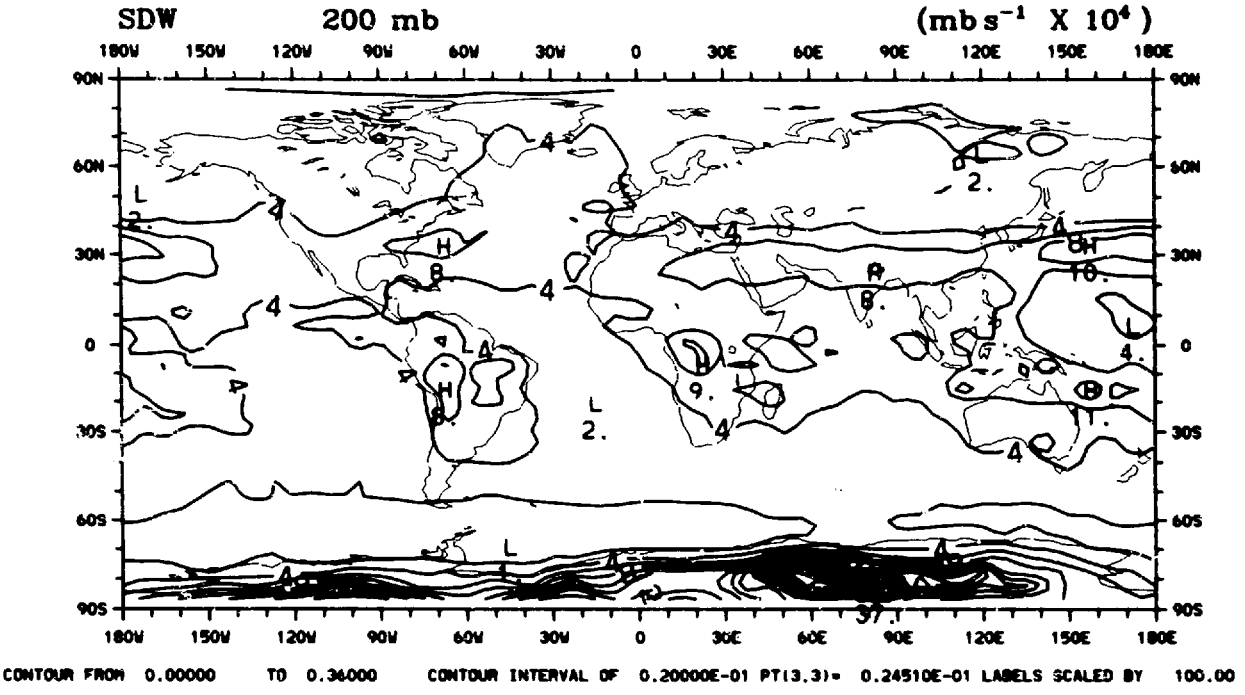

FRAME 2.17

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



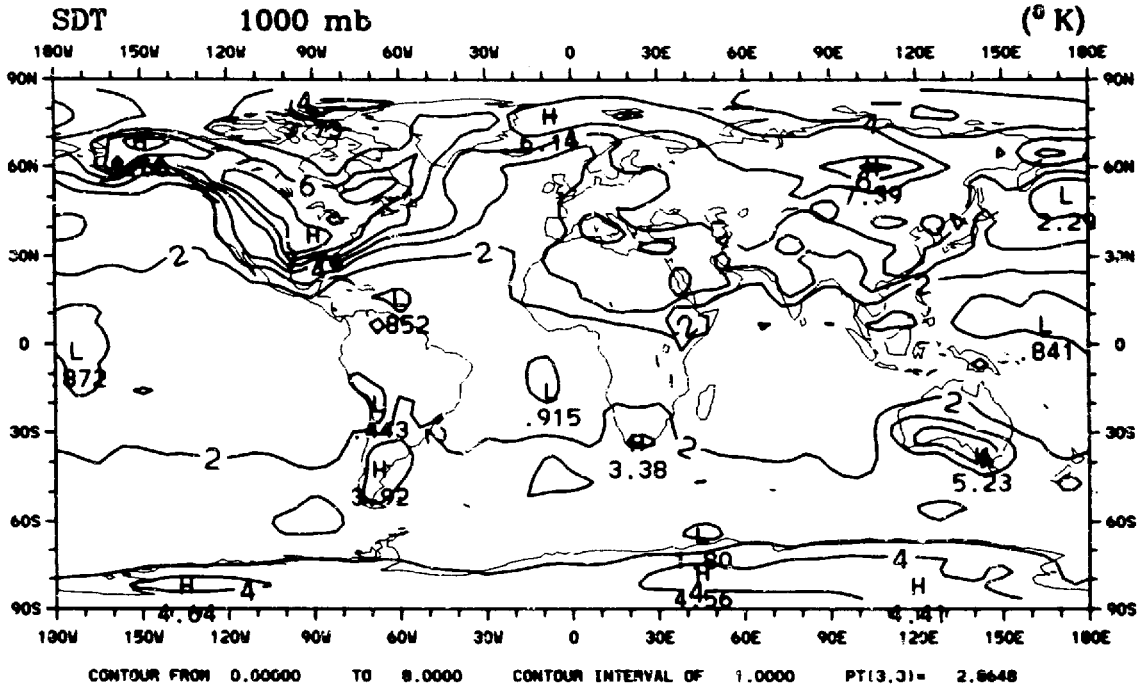

FRAME 2.18

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



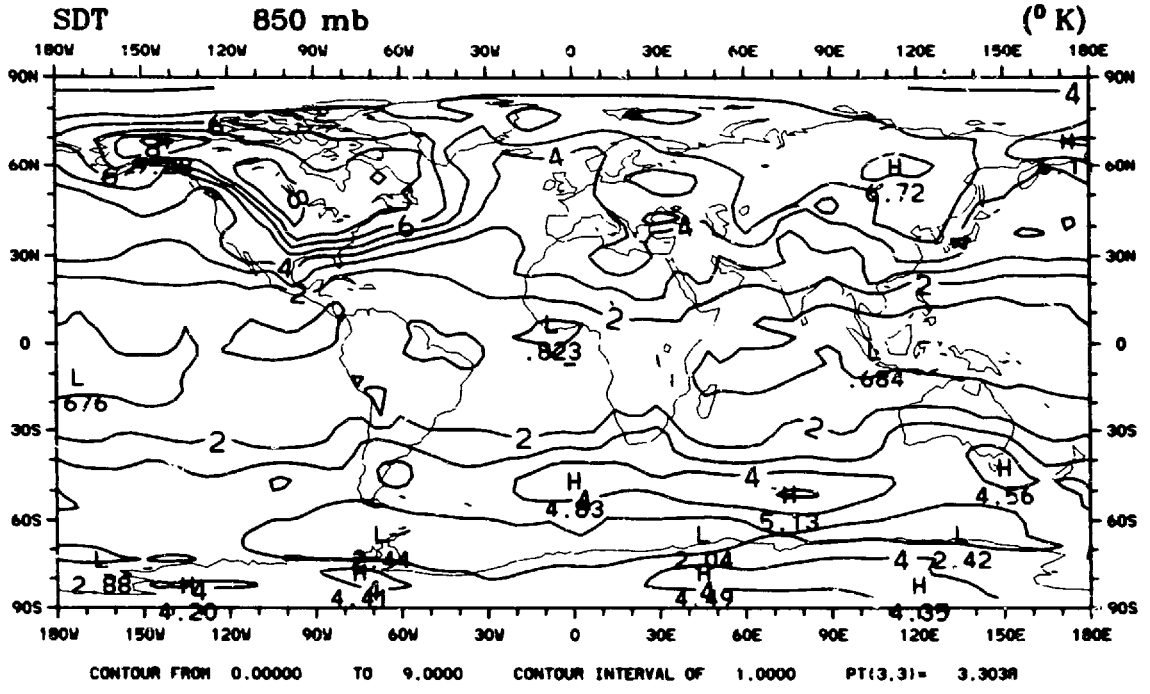

FRAME 2.19

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



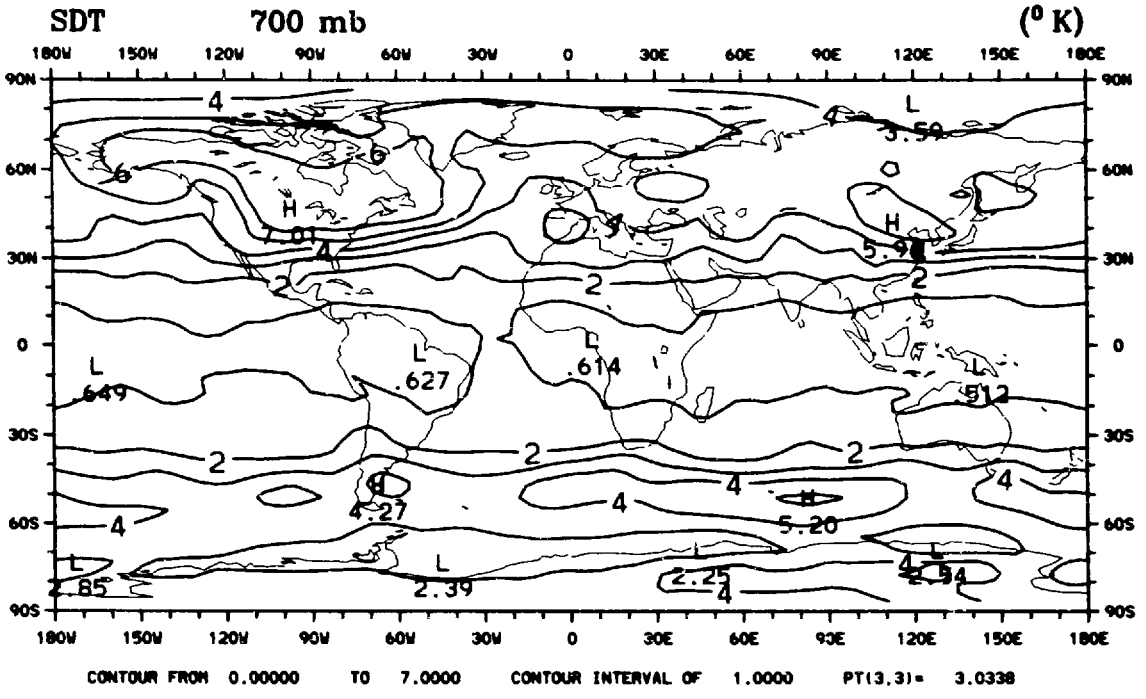

FRAME 2.20

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



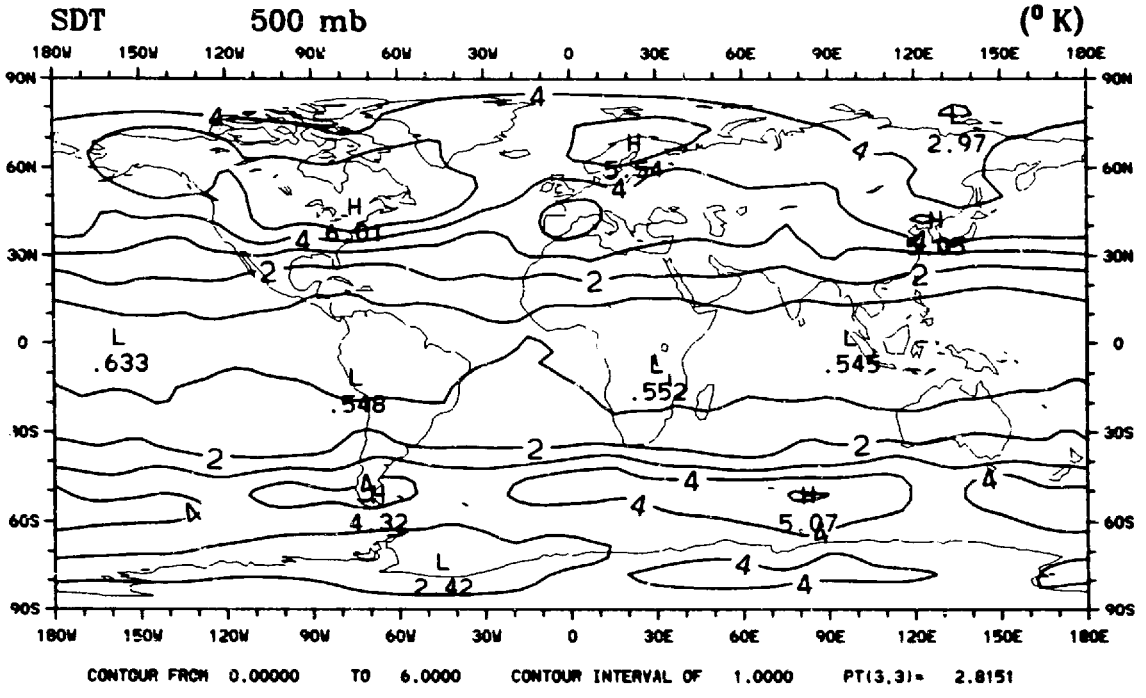

FRAME 2.21

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



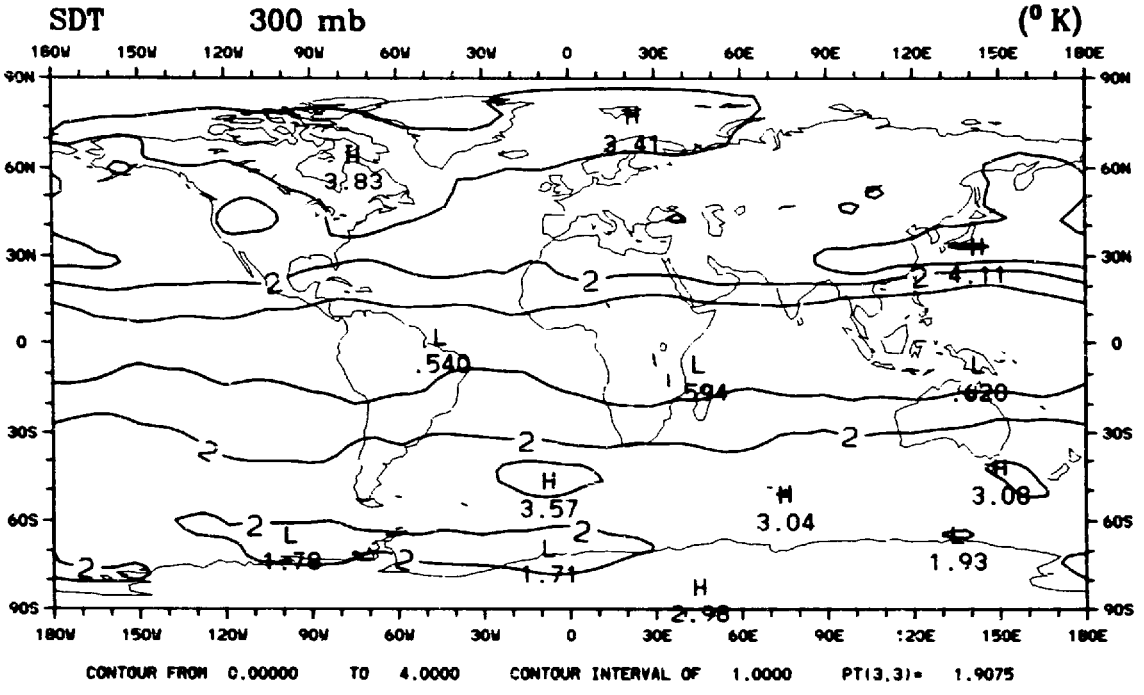

FRAME 2.22

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



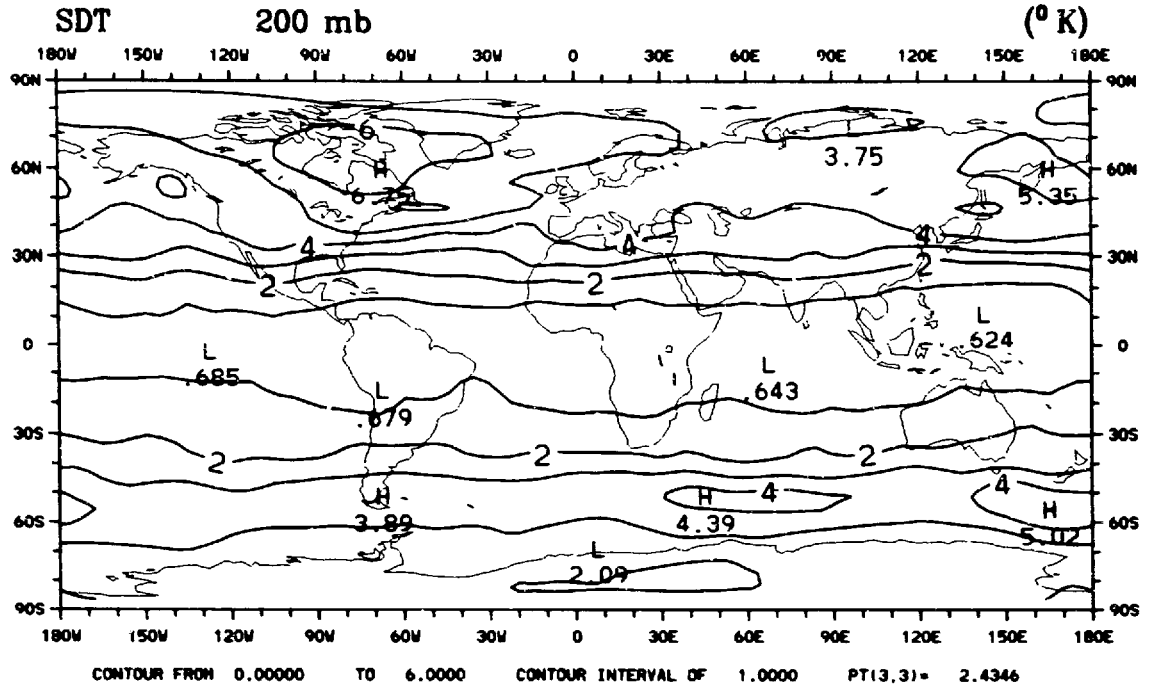

FRAME 2.23

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



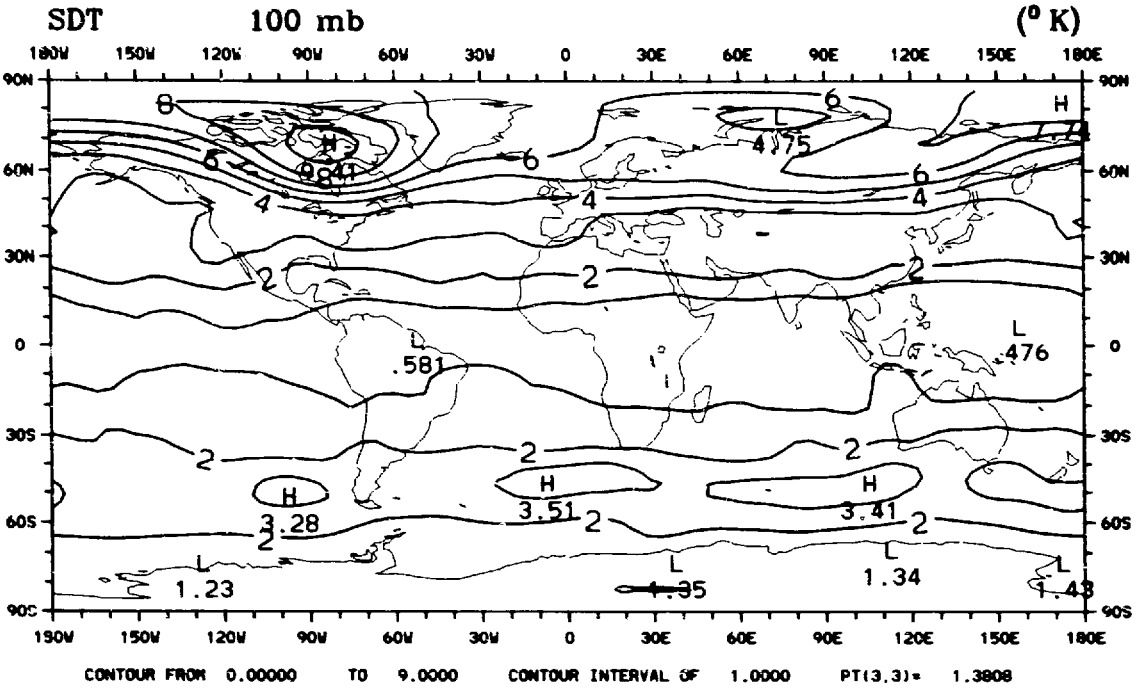

FRAME 2.24

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



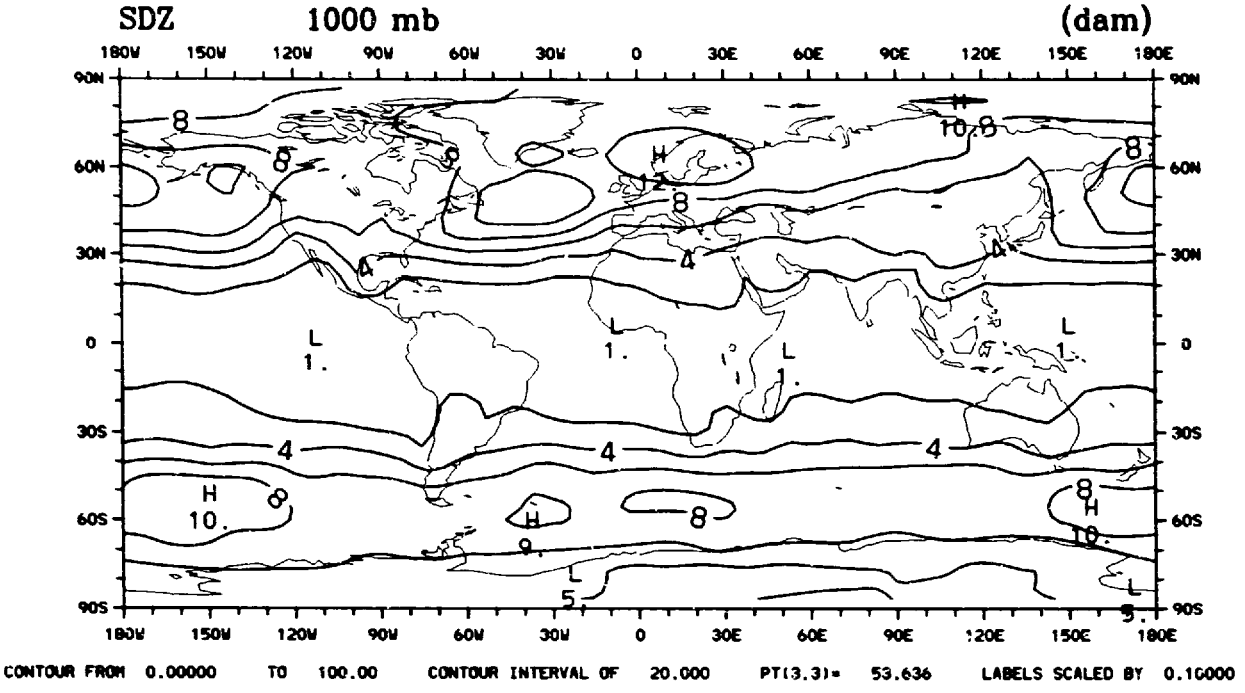

FRAME 2.25

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.26

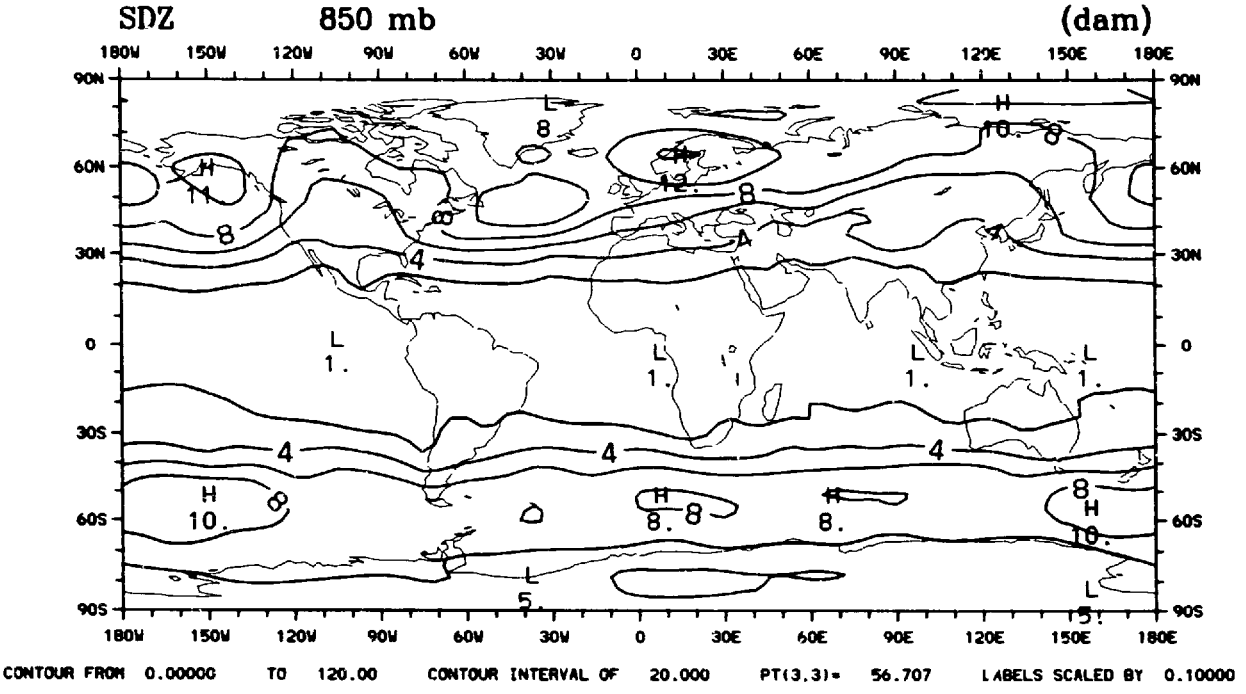
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 100.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 53.636 LABELS SCALED BY 0.10000

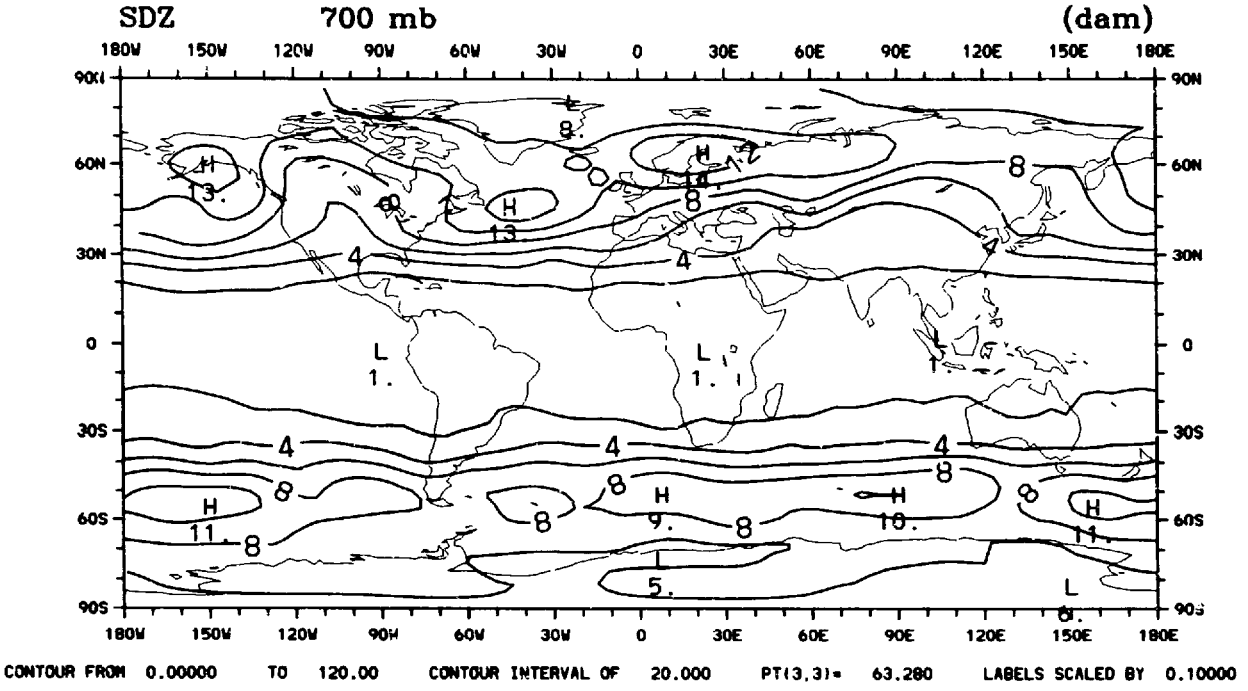
FRAME 2.27

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.28

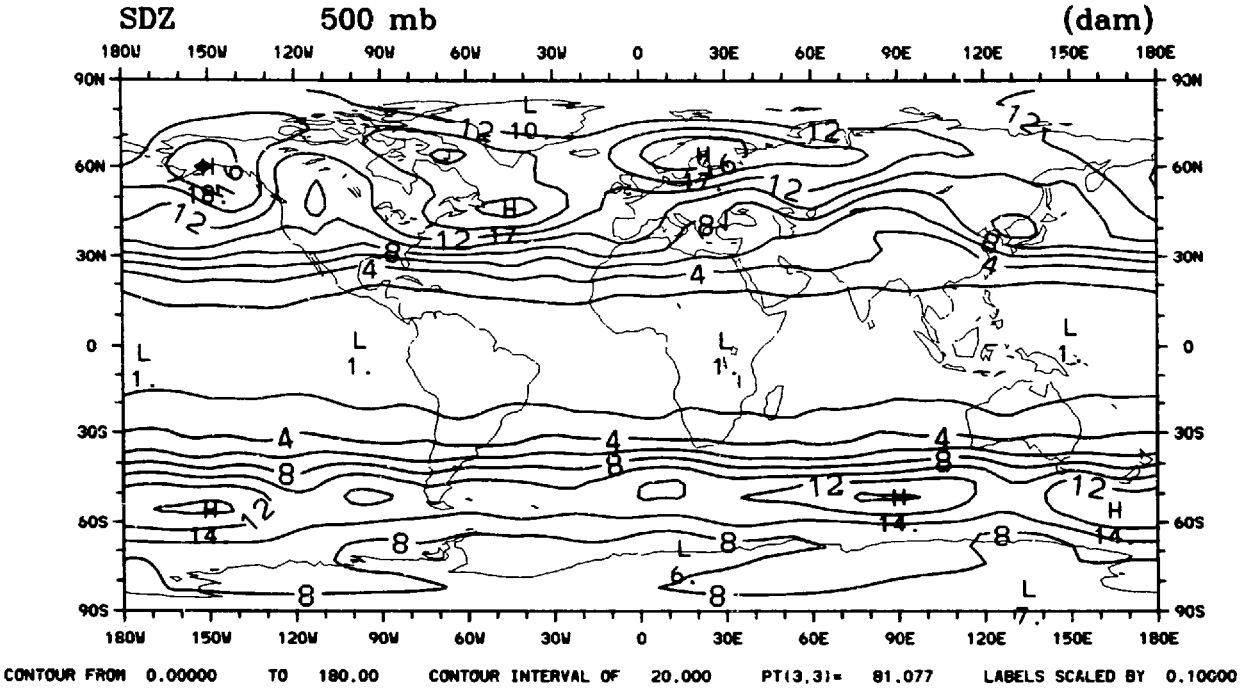
# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 120.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 63.280 LABELS SCALED BY 0.10000

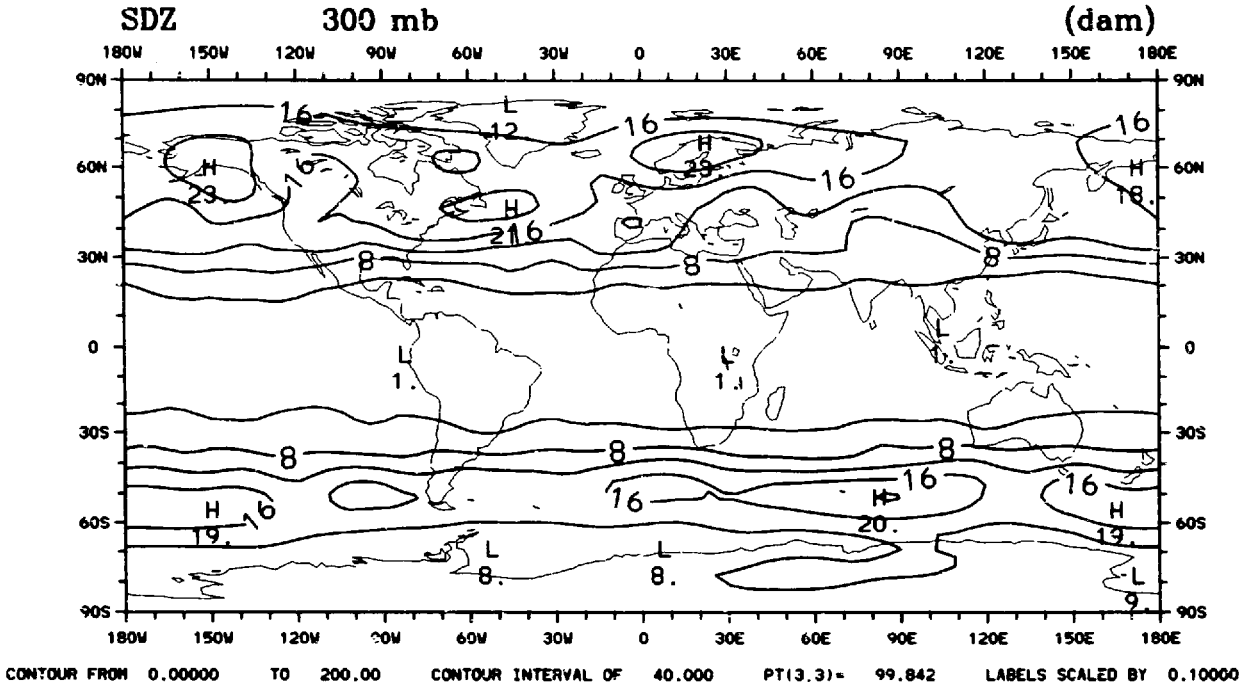
FRAME 2.29

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



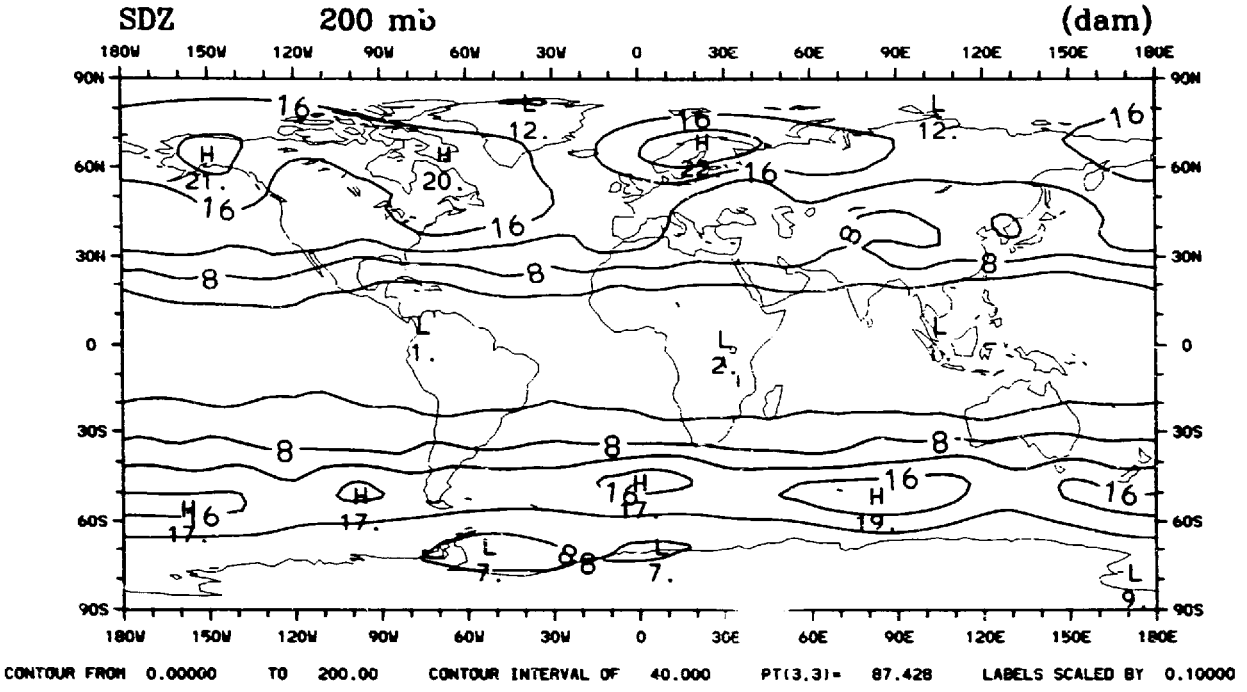

FRAME 2.30

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



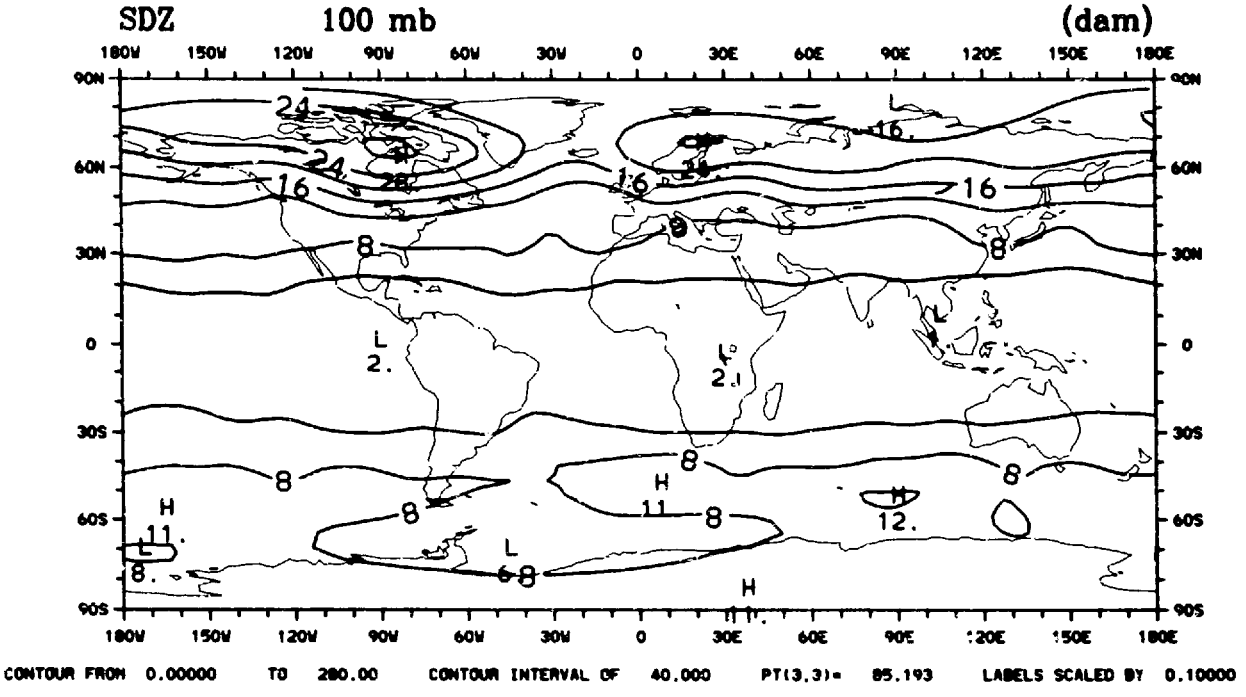

FRAME 2.31

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



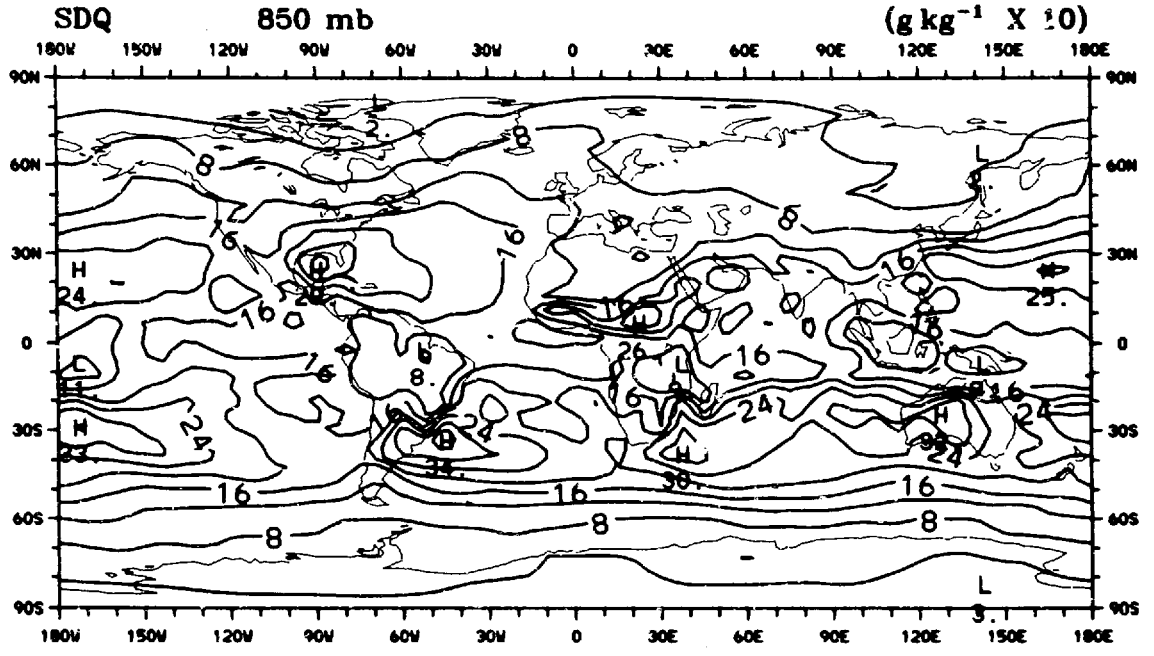

FRAME 2.32

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.33

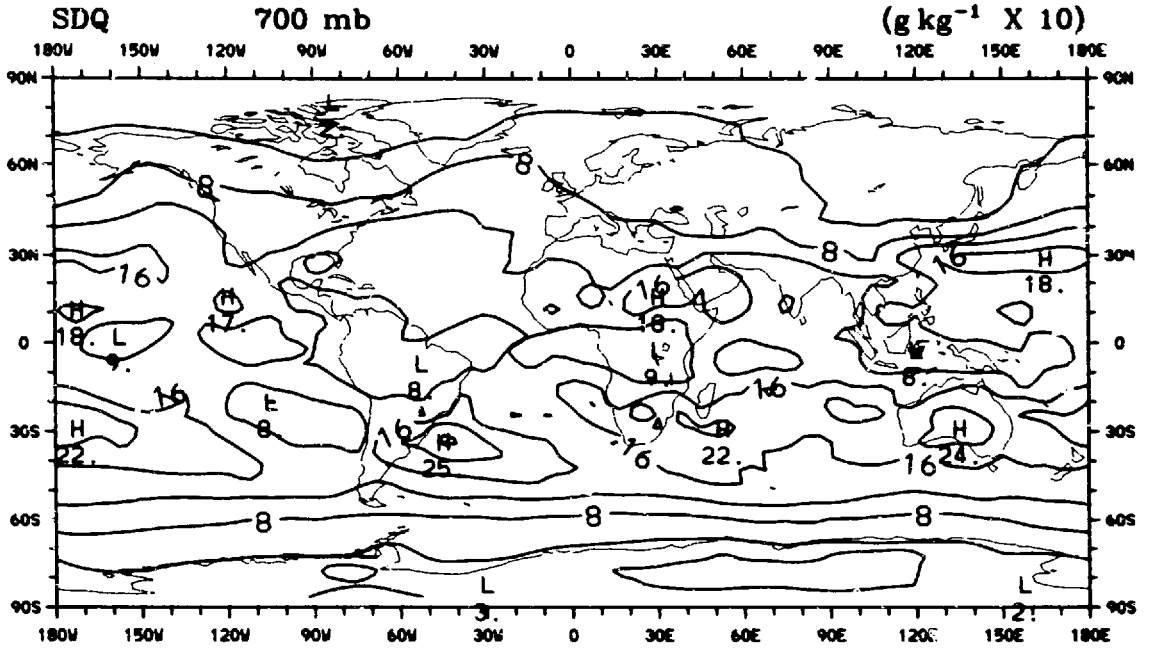
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.5?660E-03 LABELS SCALED BY 10000.

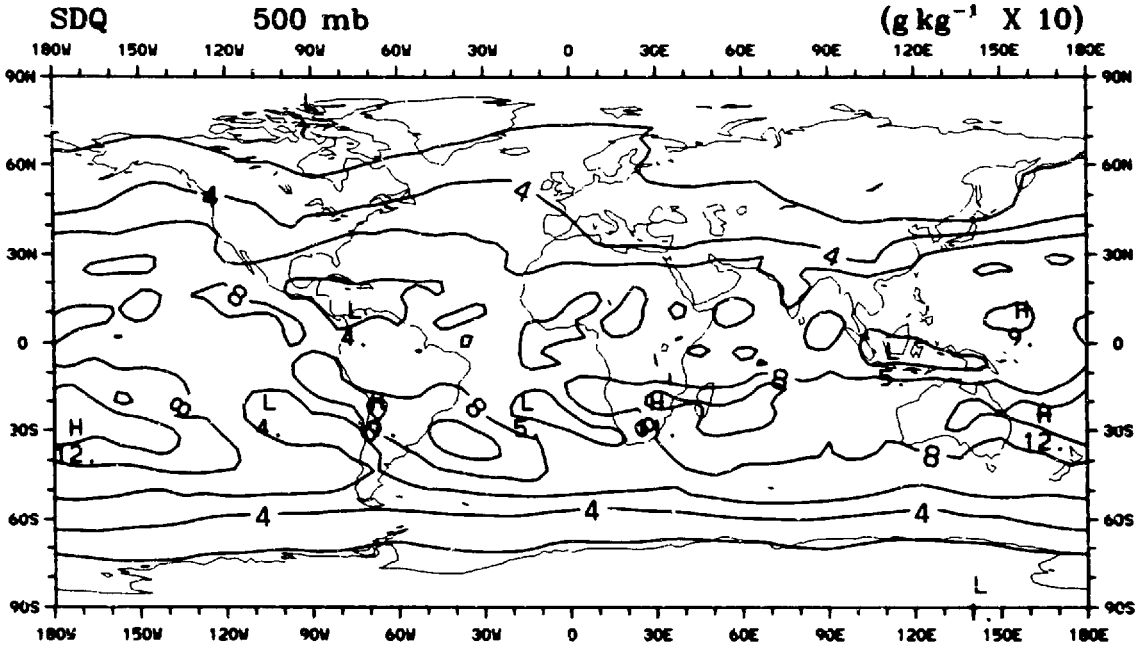
FRAME 2.34

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2 35

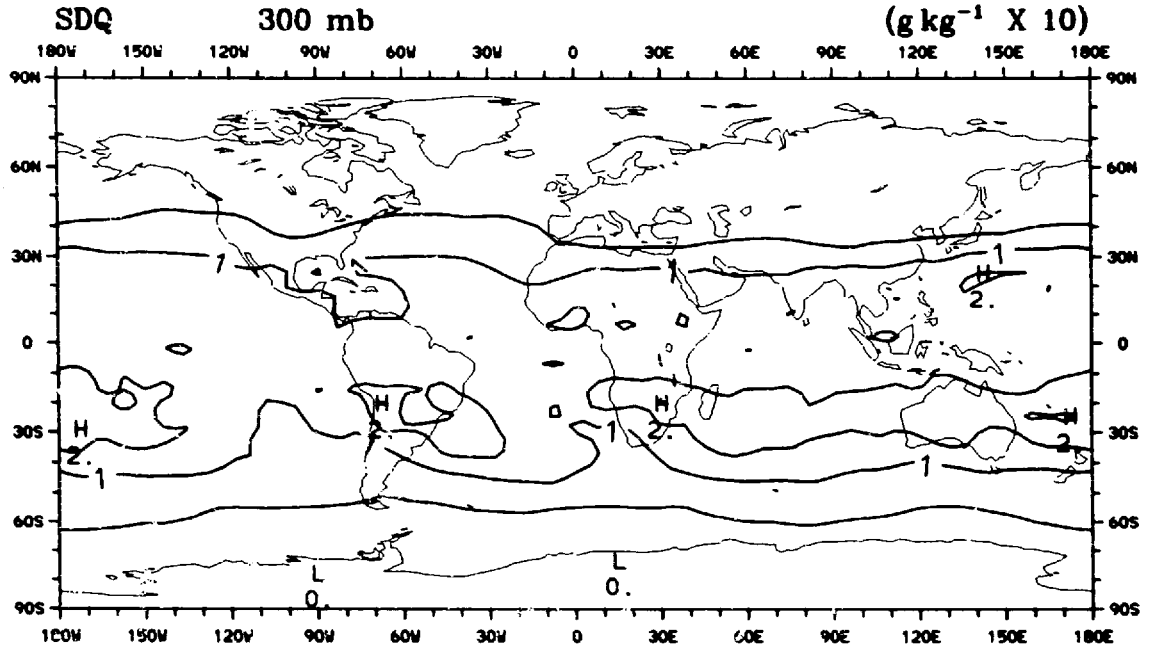
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.12000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.16047E-03 LABELS SCALED BY 10000.

FRAME 2.36

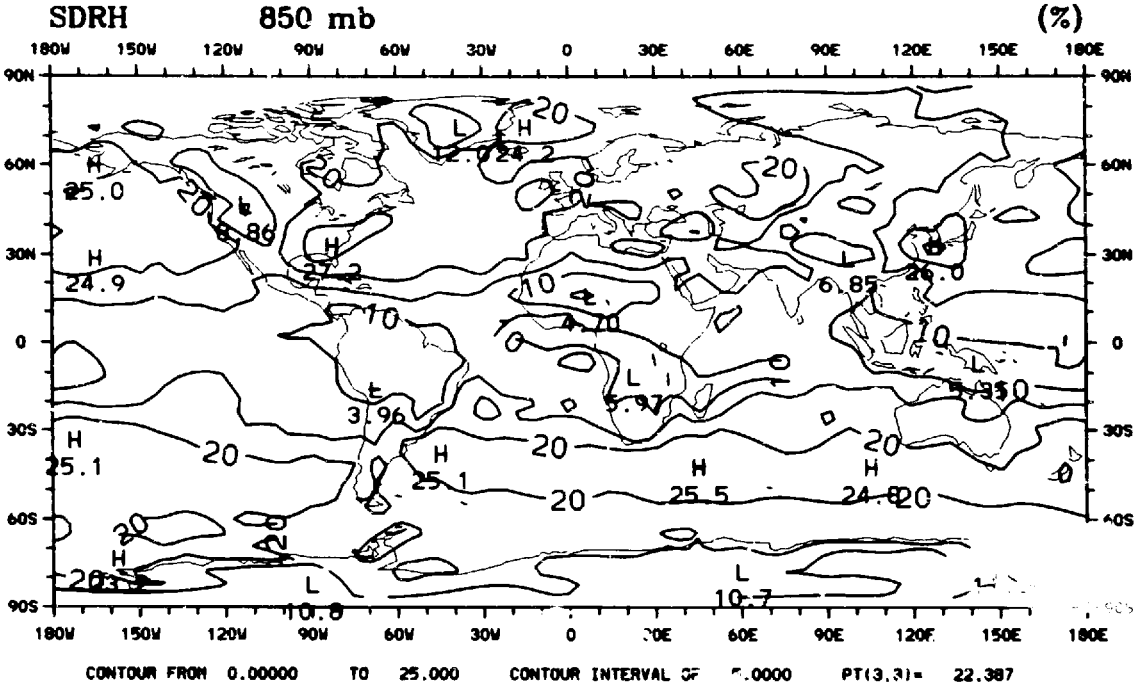
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PY(3,3)= 0.25587E-04 LABELS SCALED BY 10000.

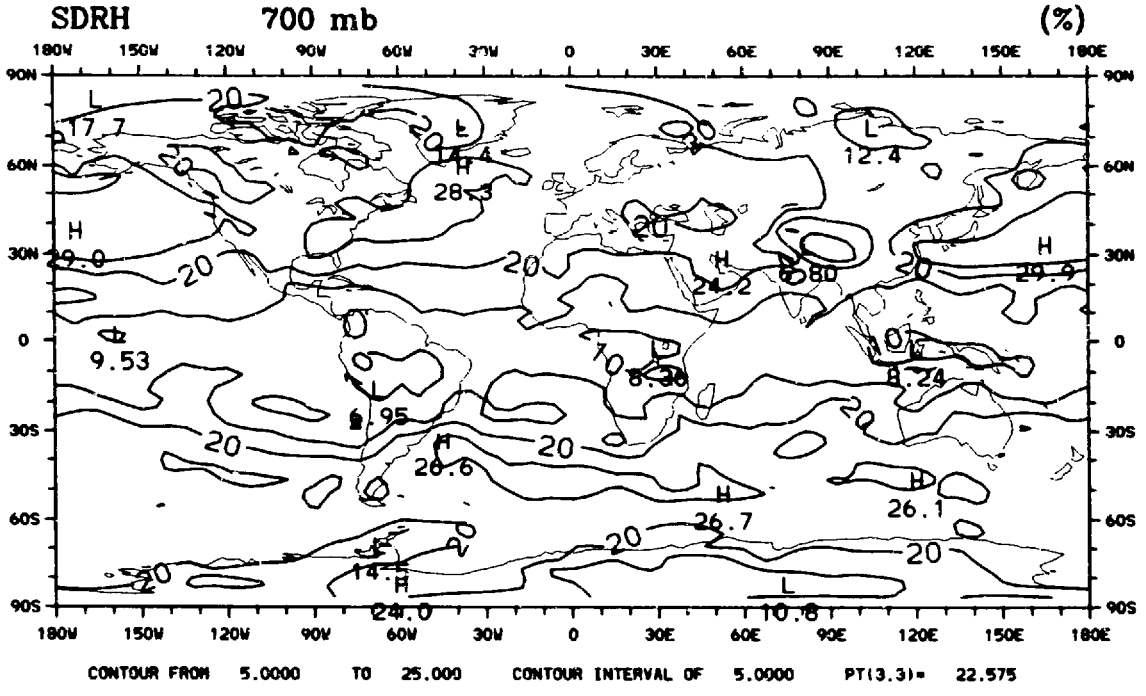
FRAME 2.37

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



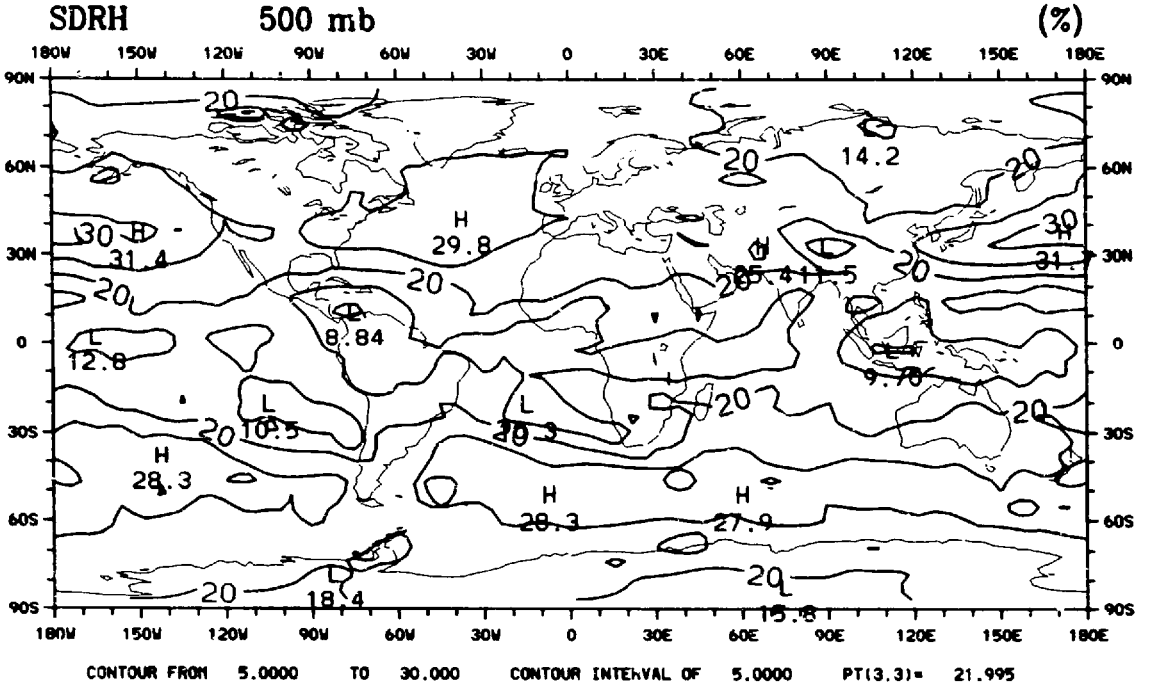

FRAME 2.38

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



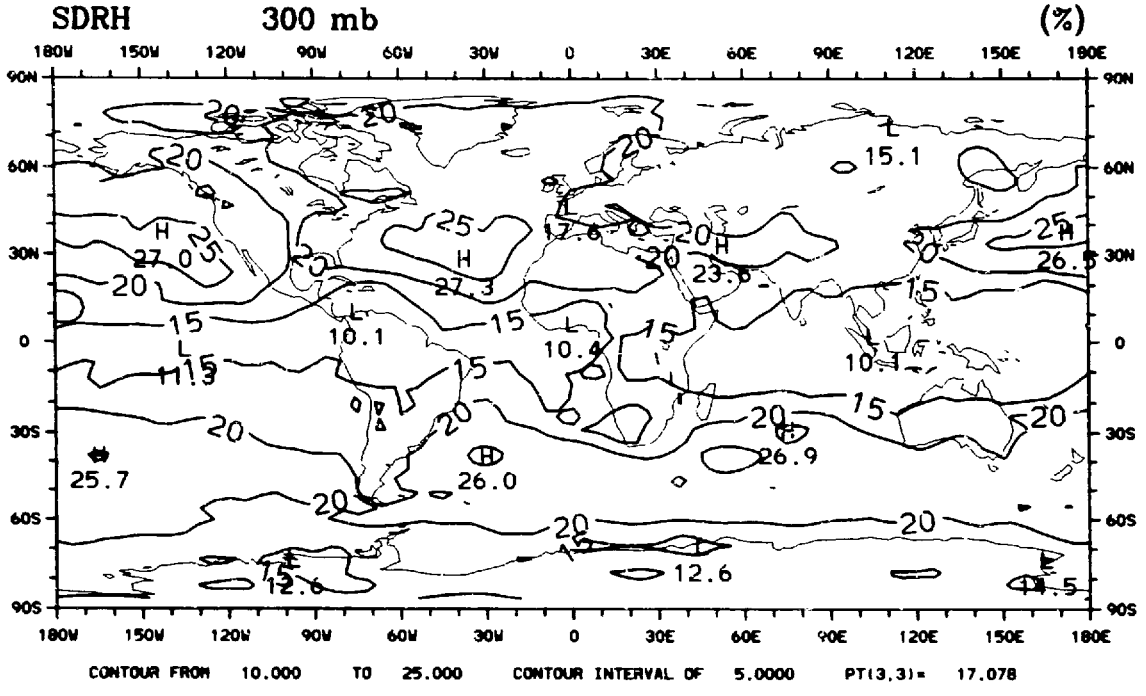

FRAME 2.39

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



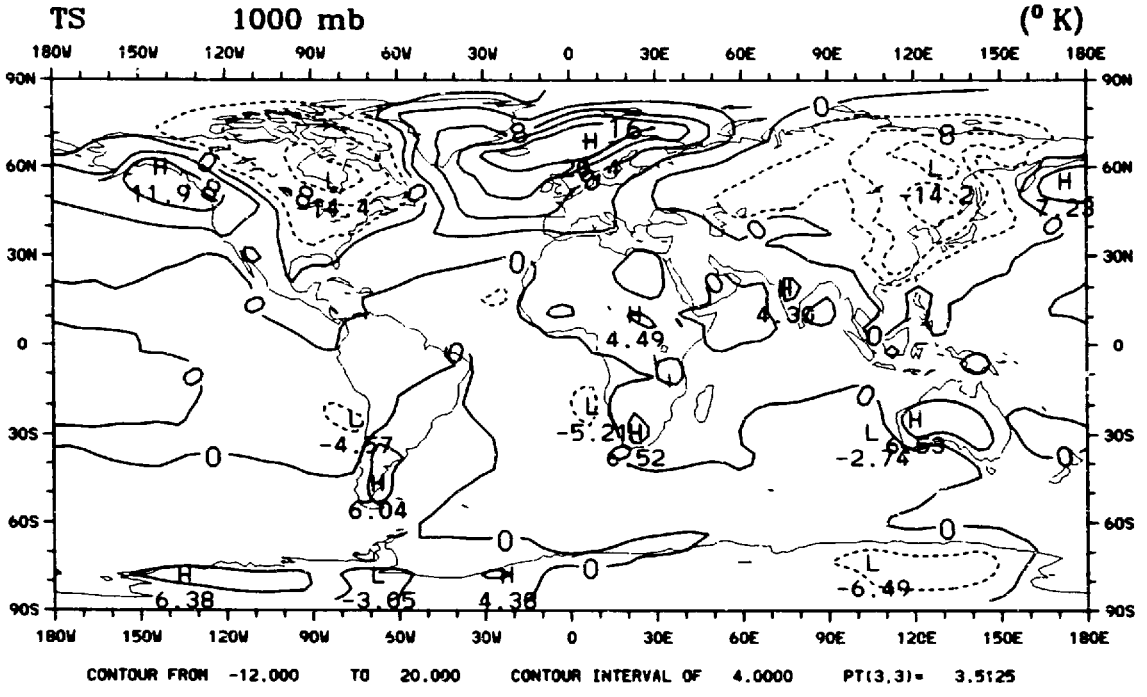

FRAME 2.40

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



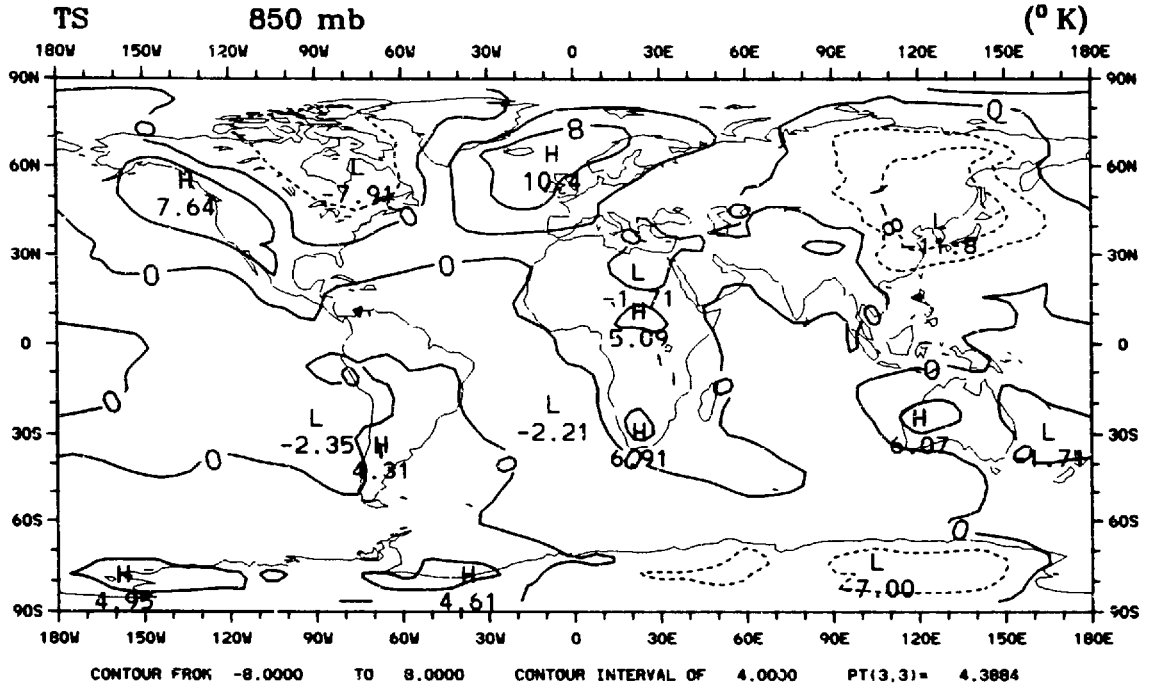

FRAME 2.41

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



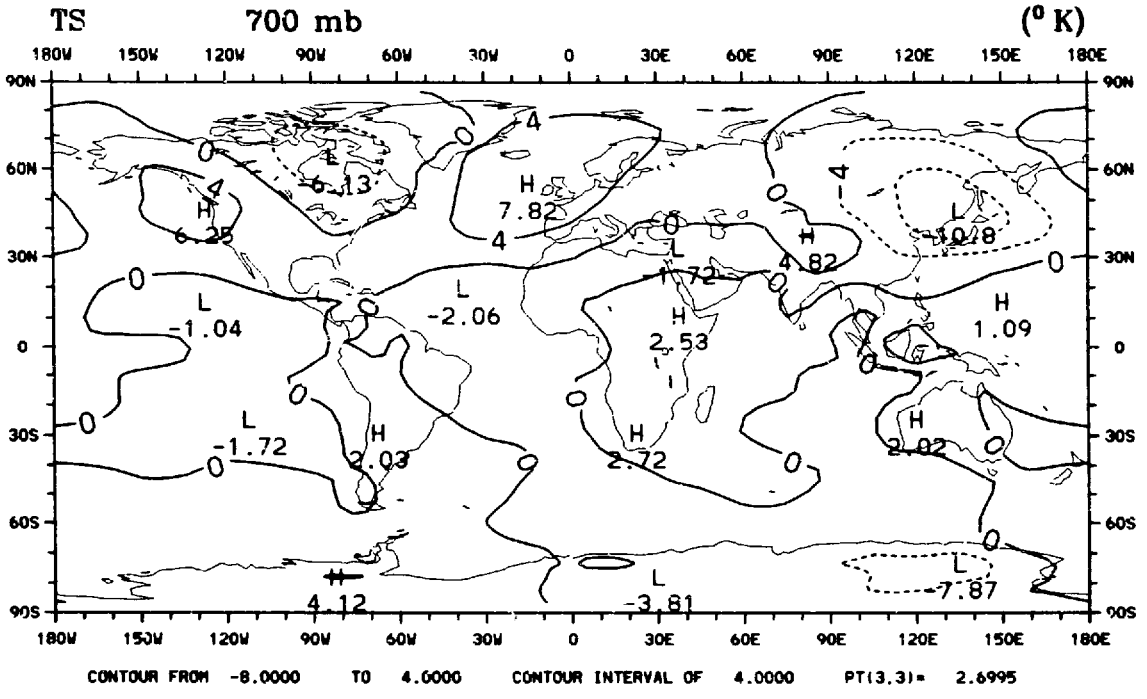

FRAME 2.42

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



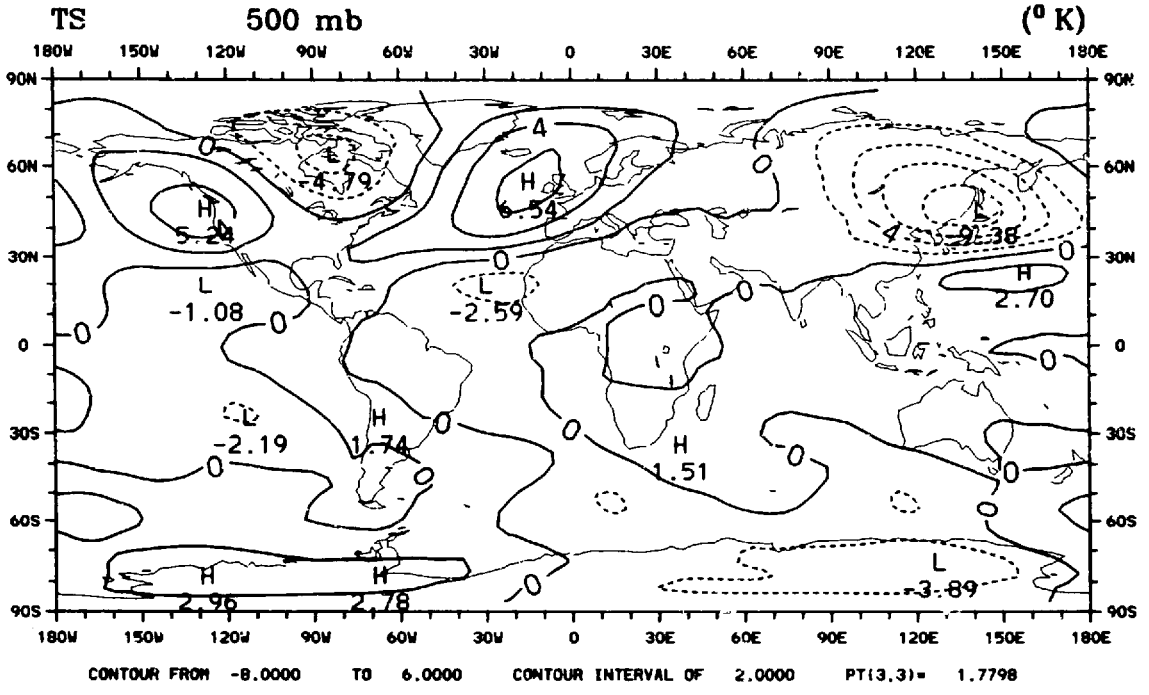

FRAME 2.43

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



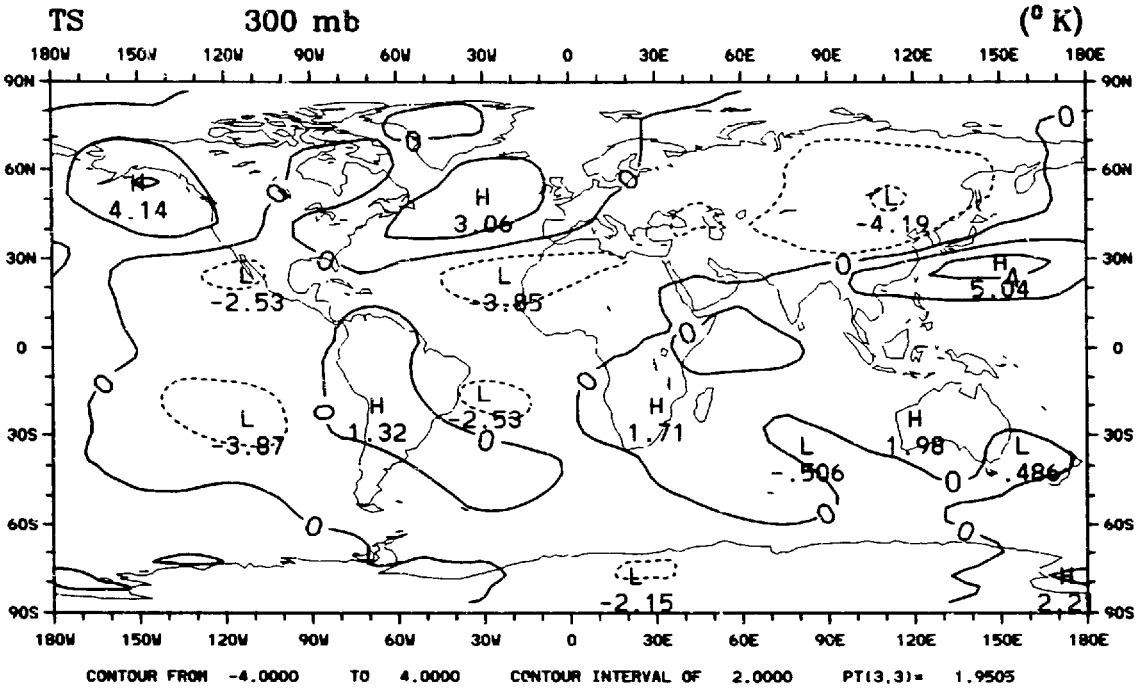

FRAME 2.44

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



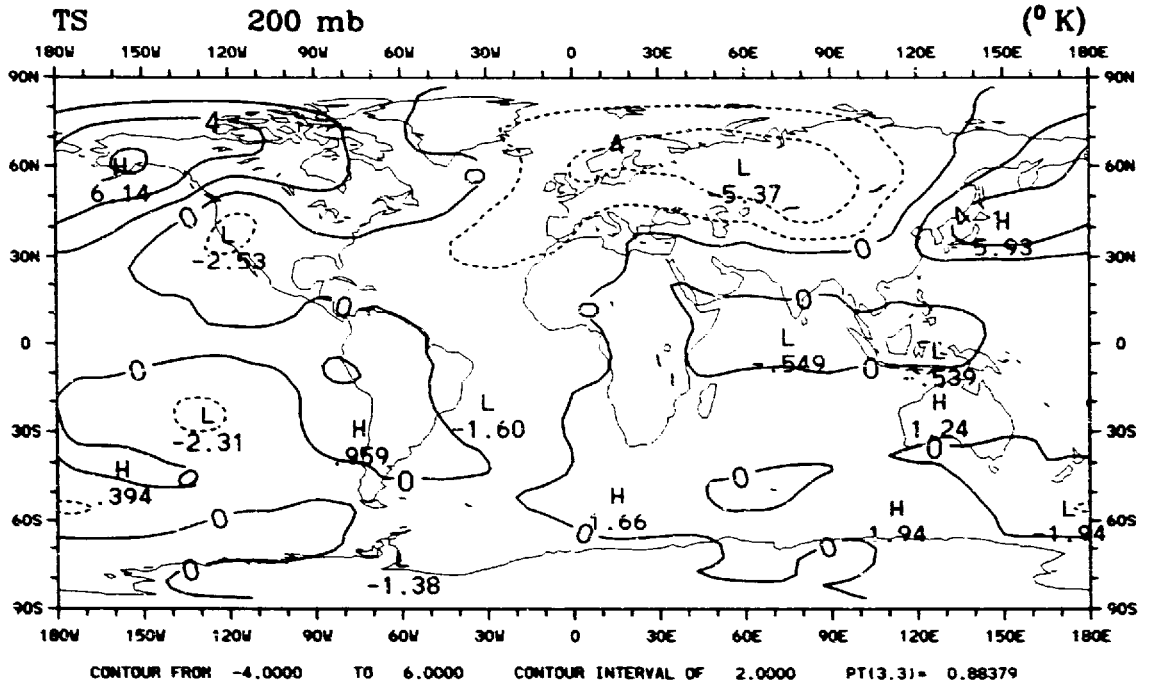

FRAME 2.45

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



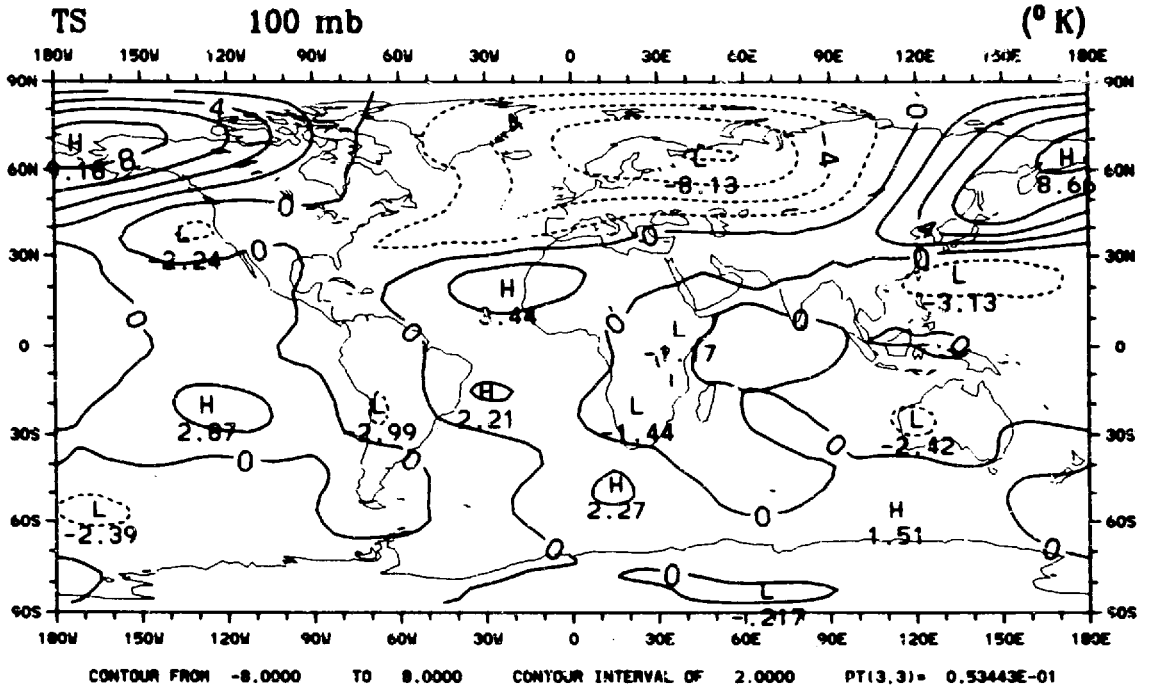

FRAME 2.46

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



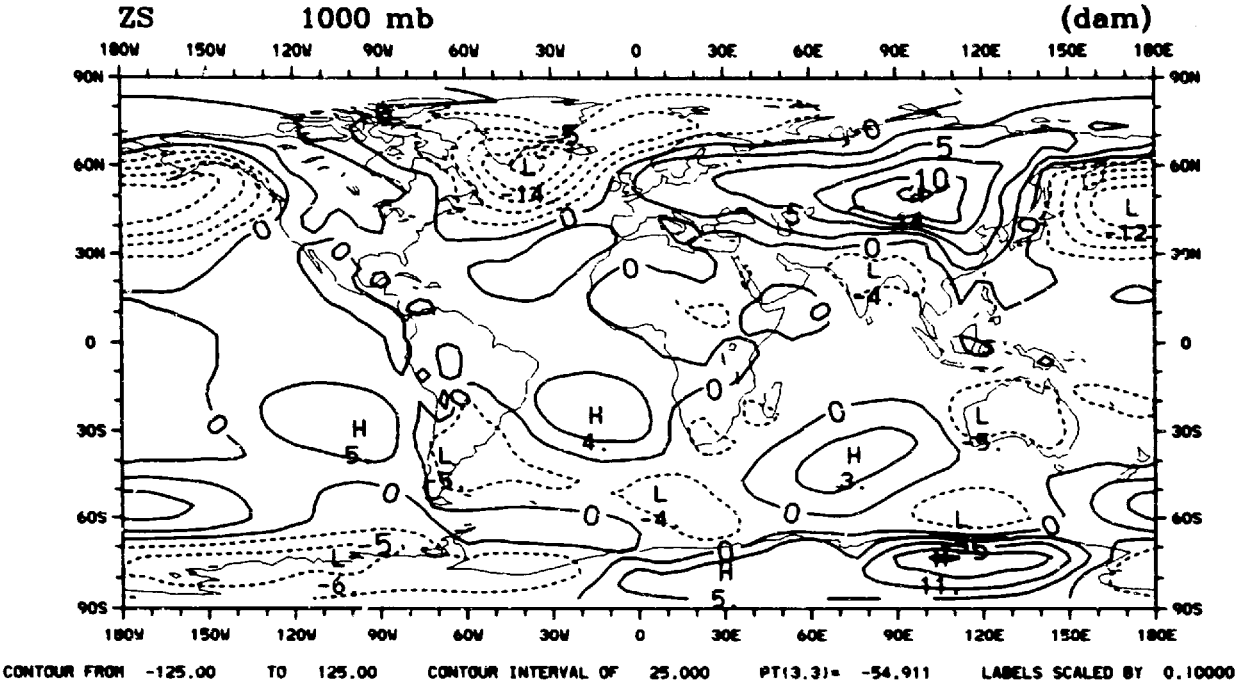

FRAME 2.47

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)



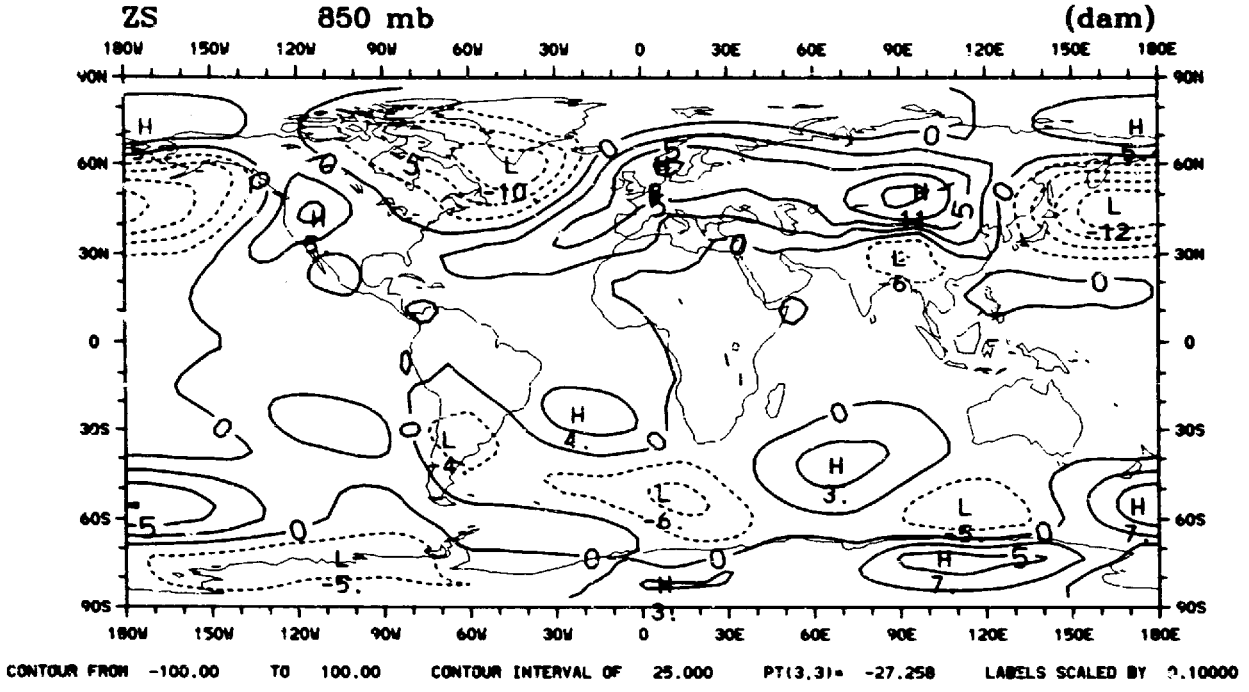

FRAME 2.49

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



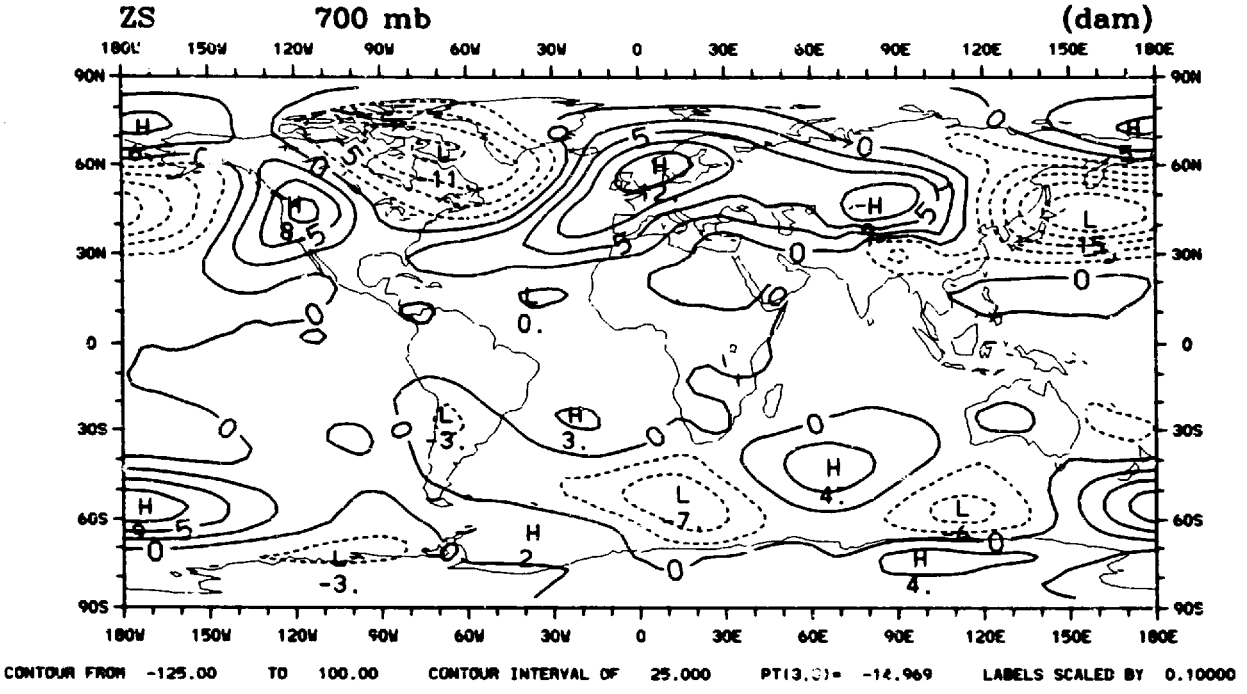

FRAME 2.49

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



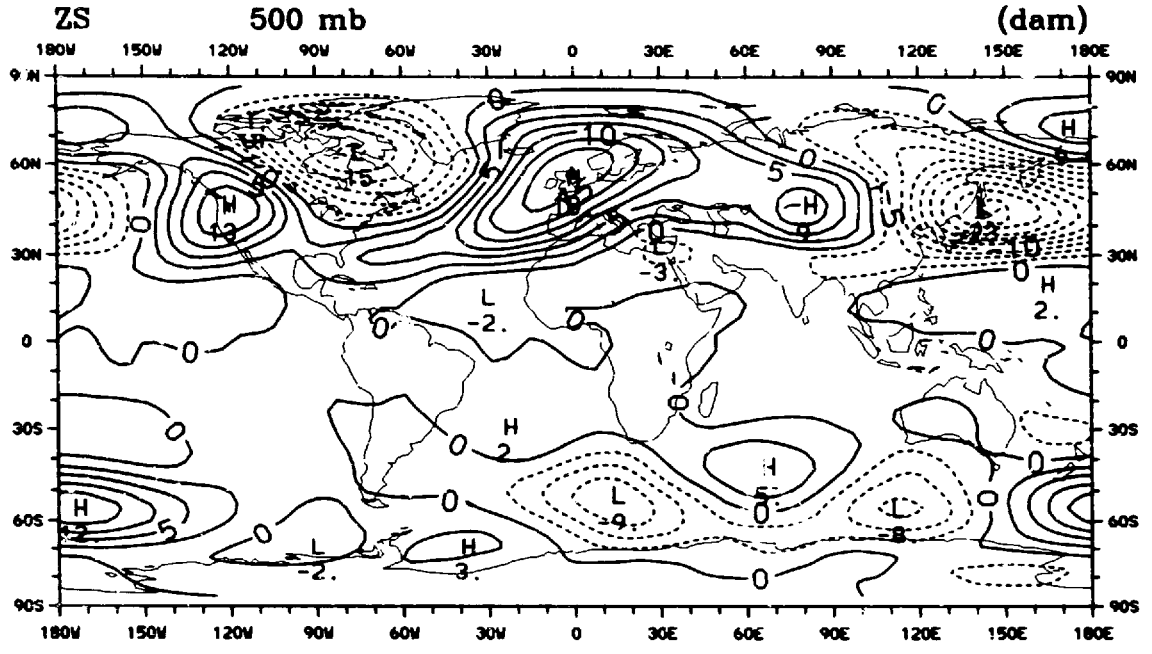

FRAME 2.50

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.51

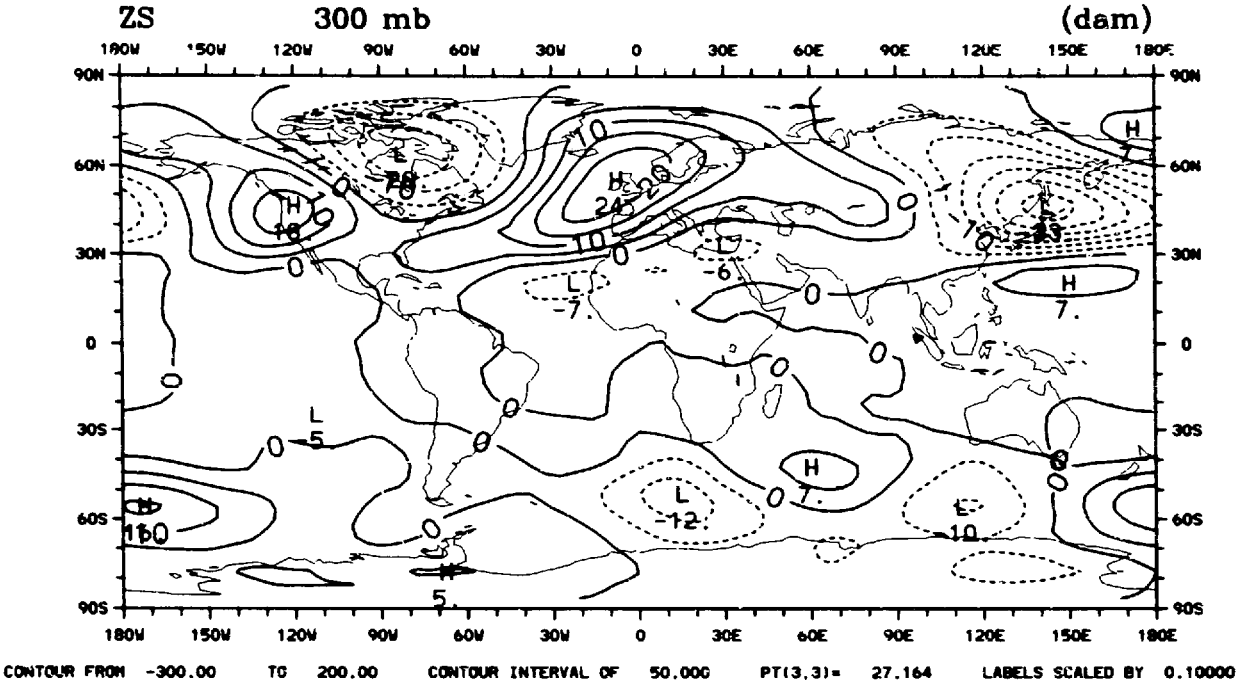
# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -225.00 TO 175.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -3.5987 LABELS SCALED BY 0.10000

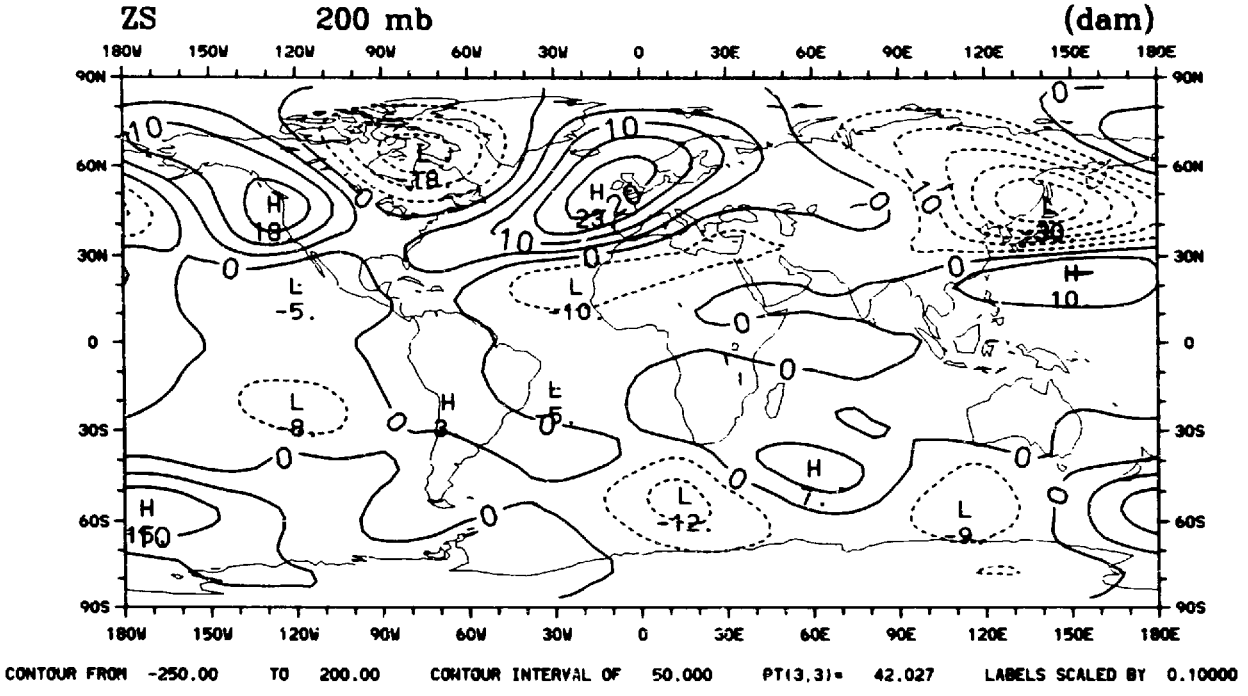
FRAME 2.52

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.53

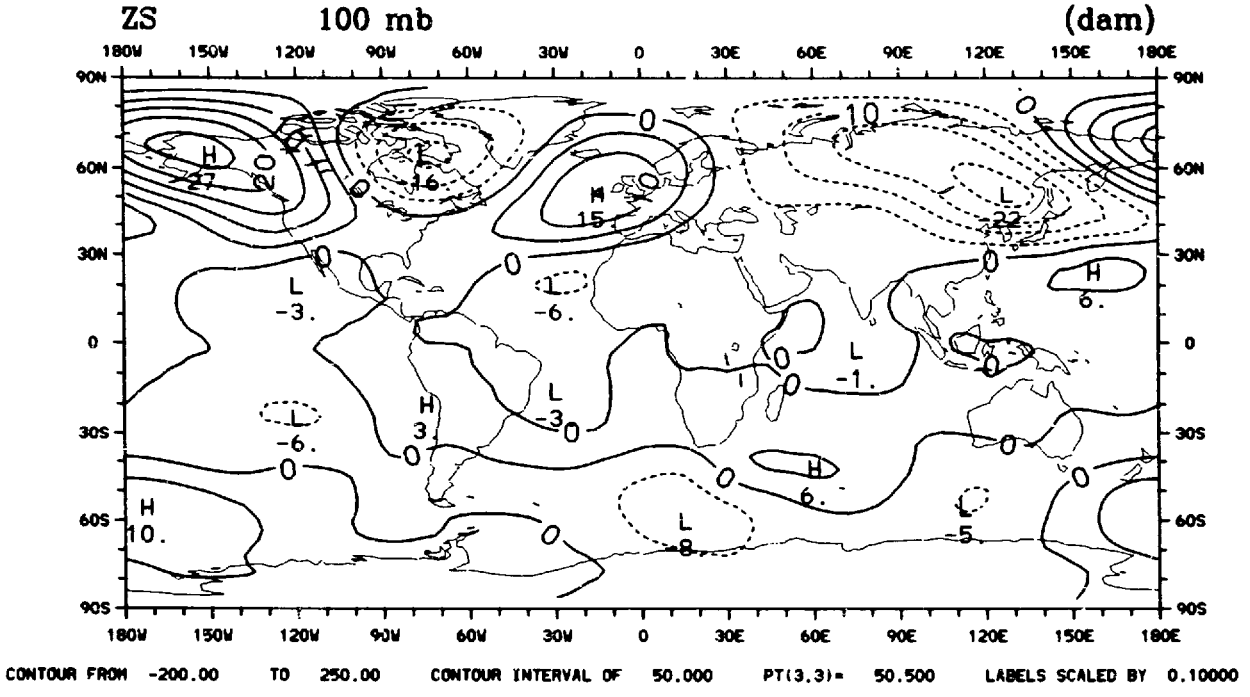
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -250.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 42.027 LABELS SCALED BY 0.10000

FRAME 2.54

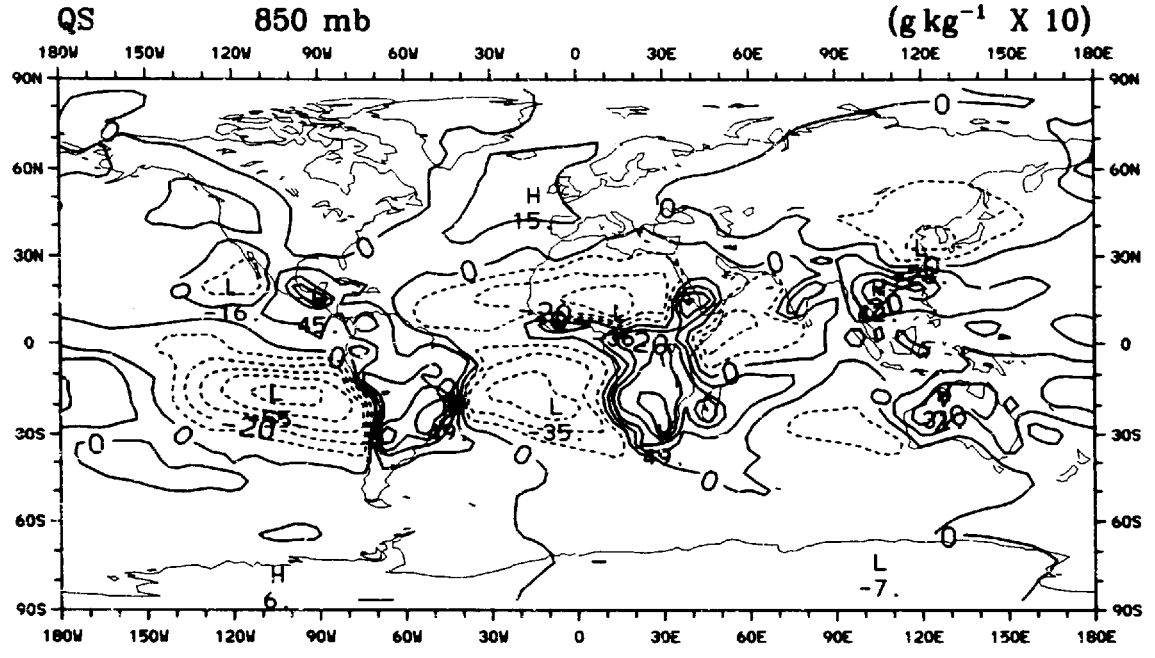
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -200.00 TO 250.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 50.500 LABELS SCALED BY 0.10000

FRAME 2.55

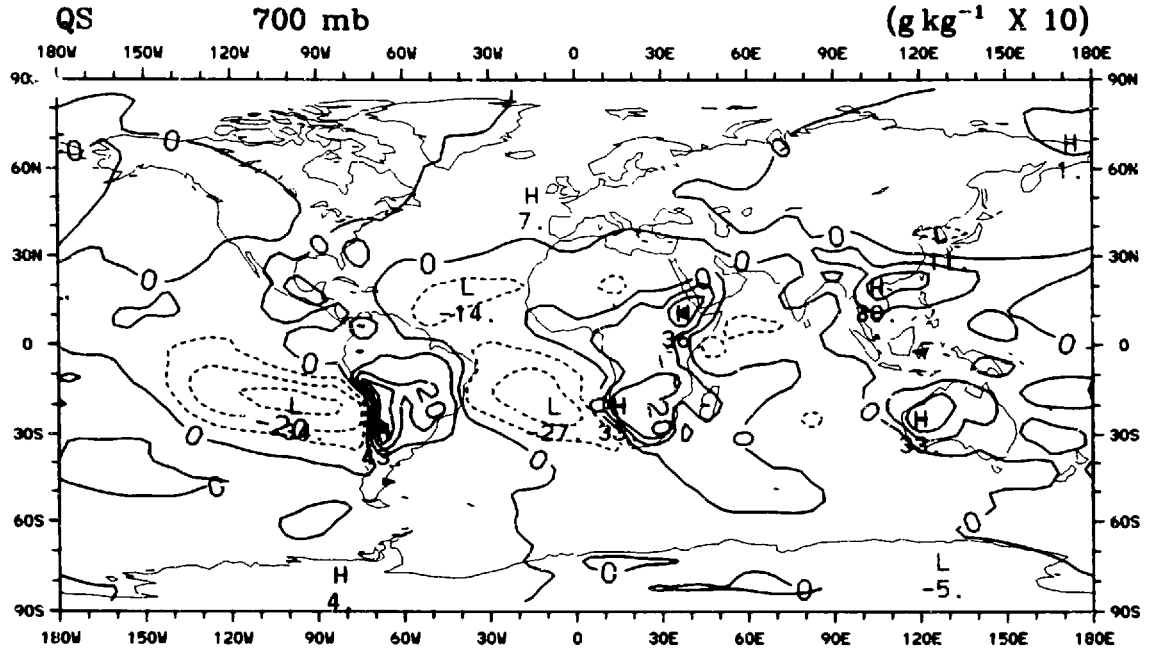
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.21730E-03 LABELS SCALED BY 10000.

FRAME 2.56

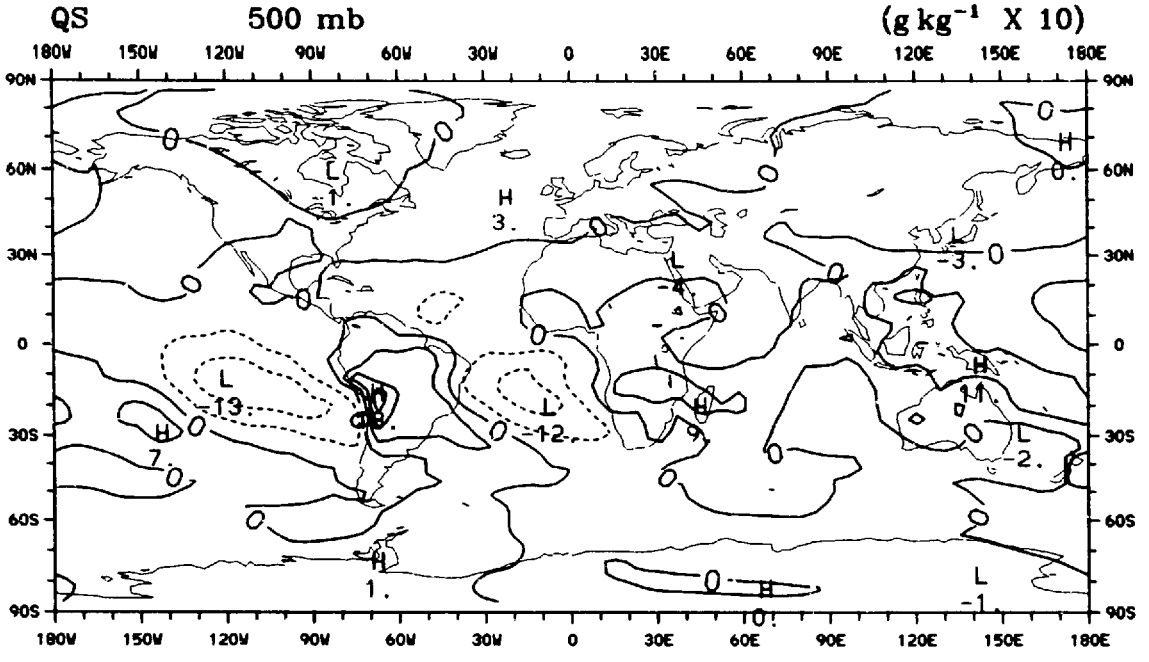
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.10589E-03 LABELS SCALED BY 10000.

FRAME 2.57

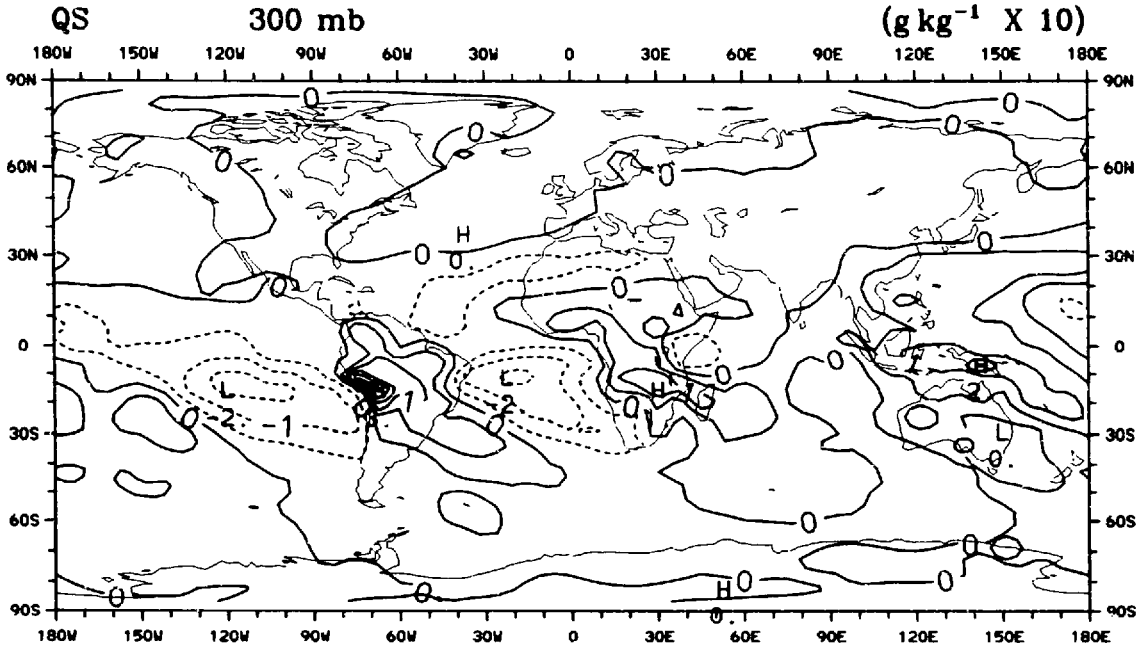
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.52493E-04 LABELS SCALED BY 10000.

FRAME 2.58

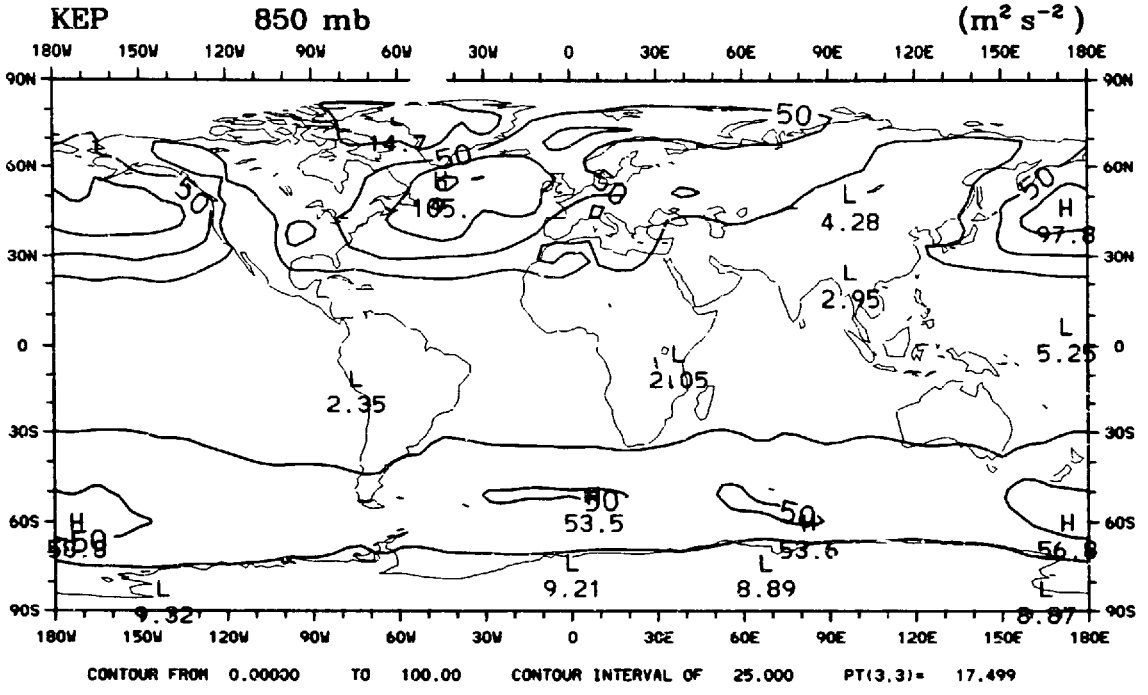
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000E-03 TO 0.25000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.29107E-05 LABELS SCALED BY 10000.

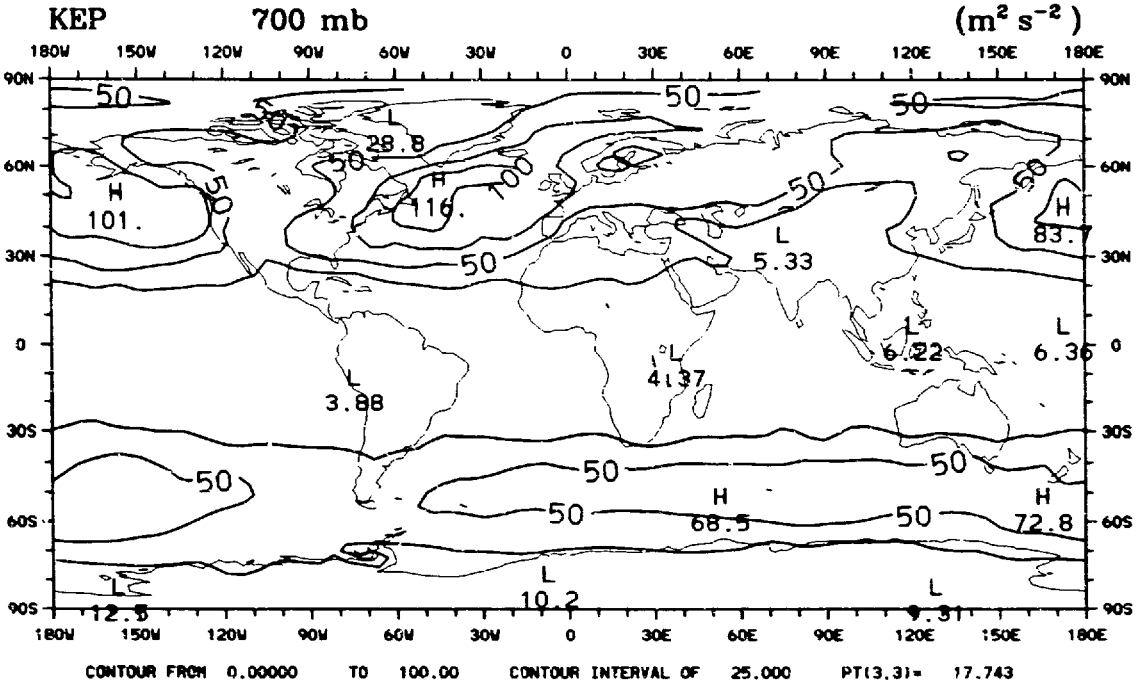
FRAME 2.59

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



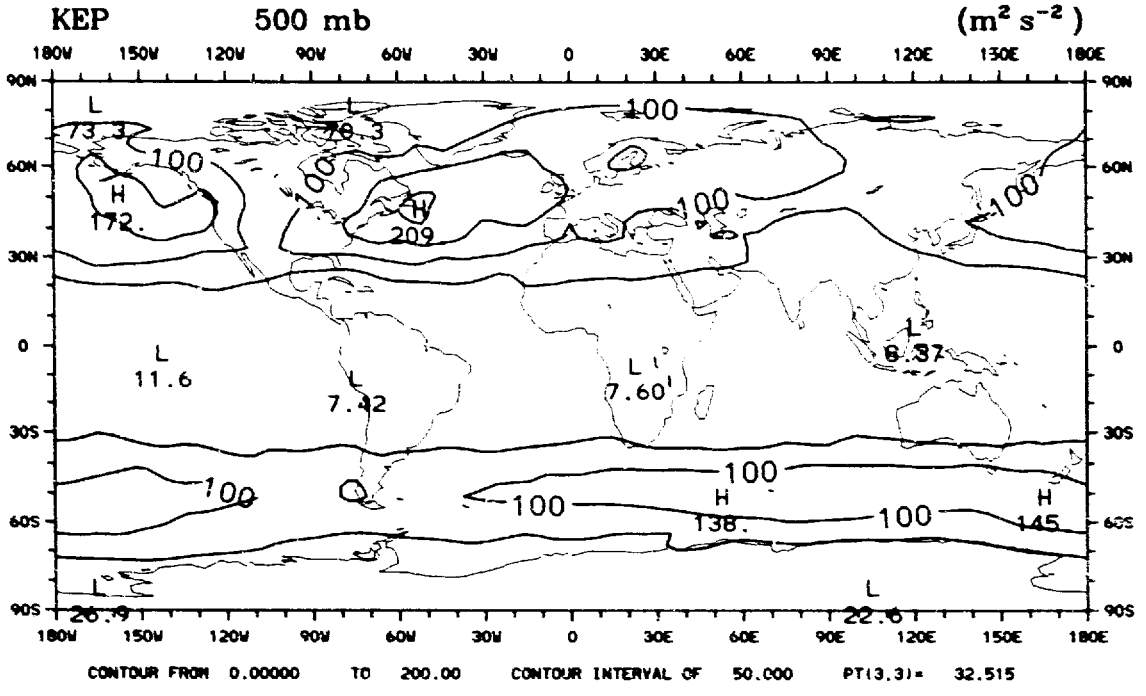

FRAME 2.60

# EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



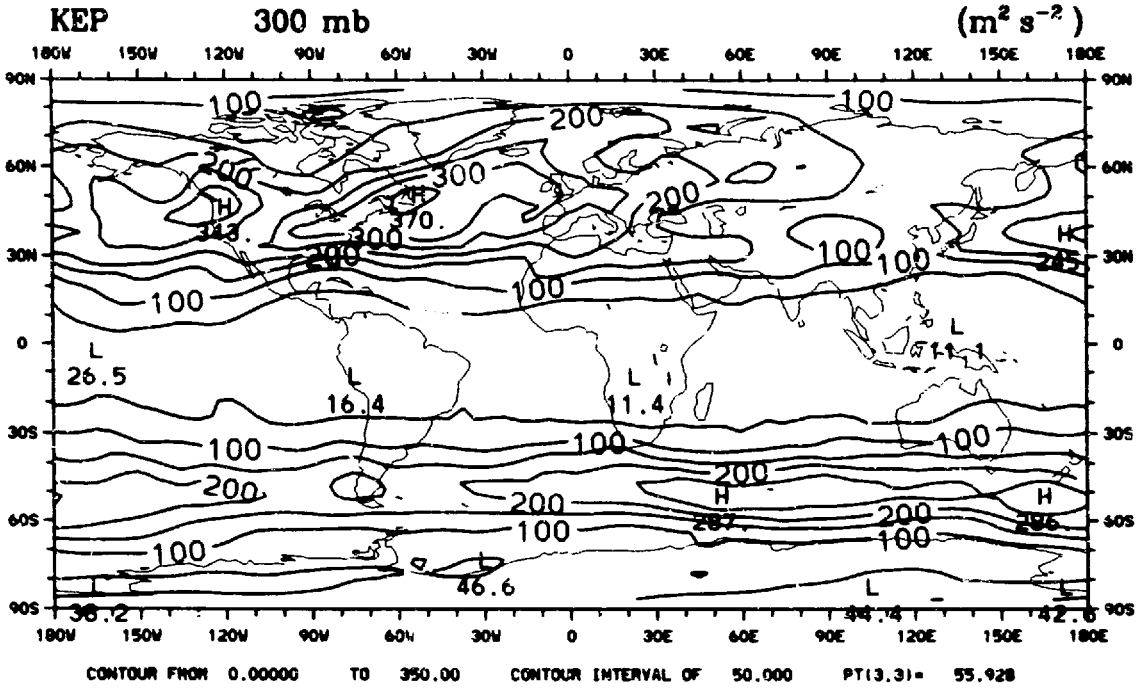

FRAME 2.61

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



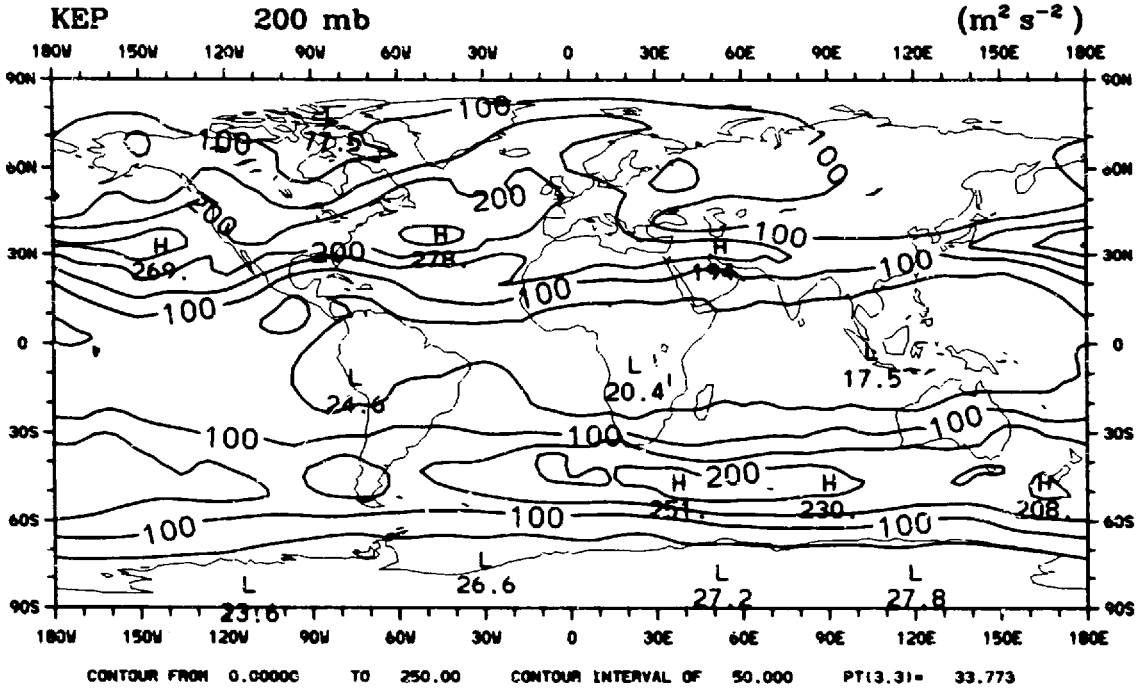

FRAME 2.62

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)



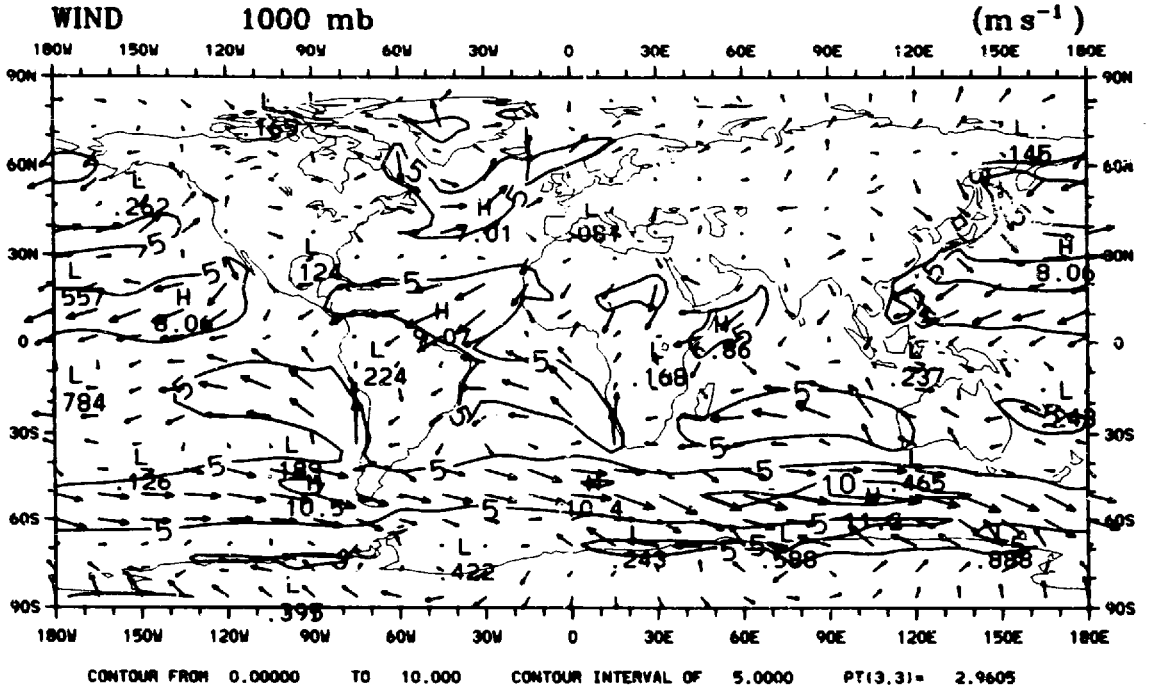

FRAME 2.63

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

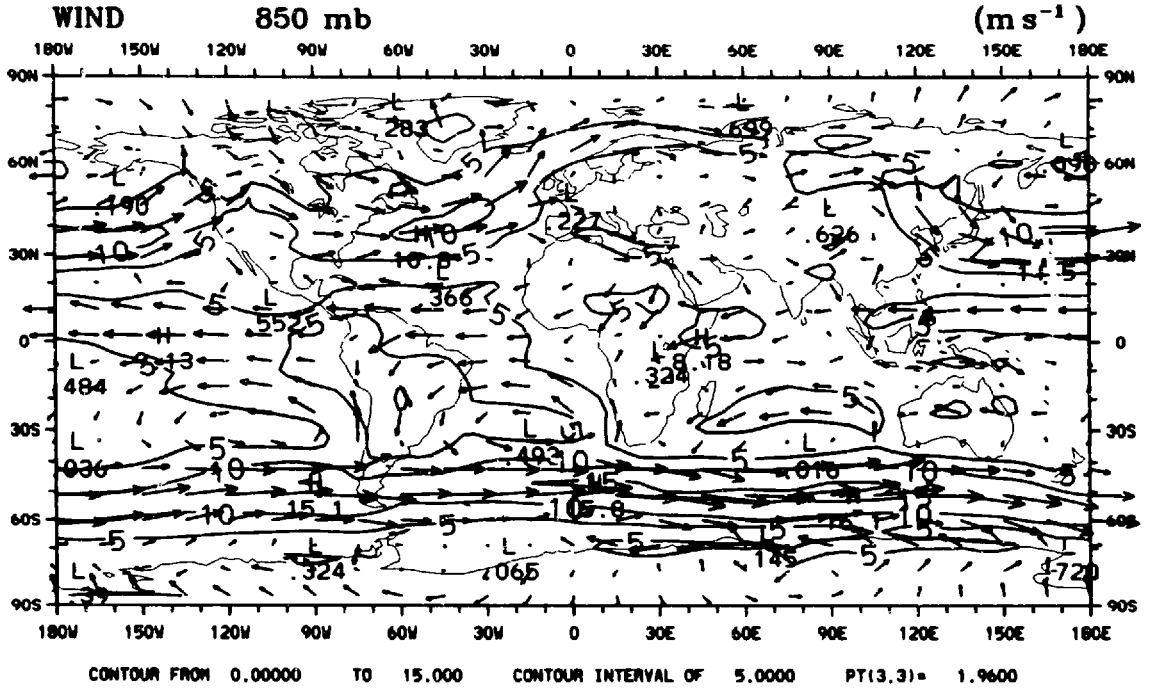
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.65

0.100E+02 →
SCALING VECTOR

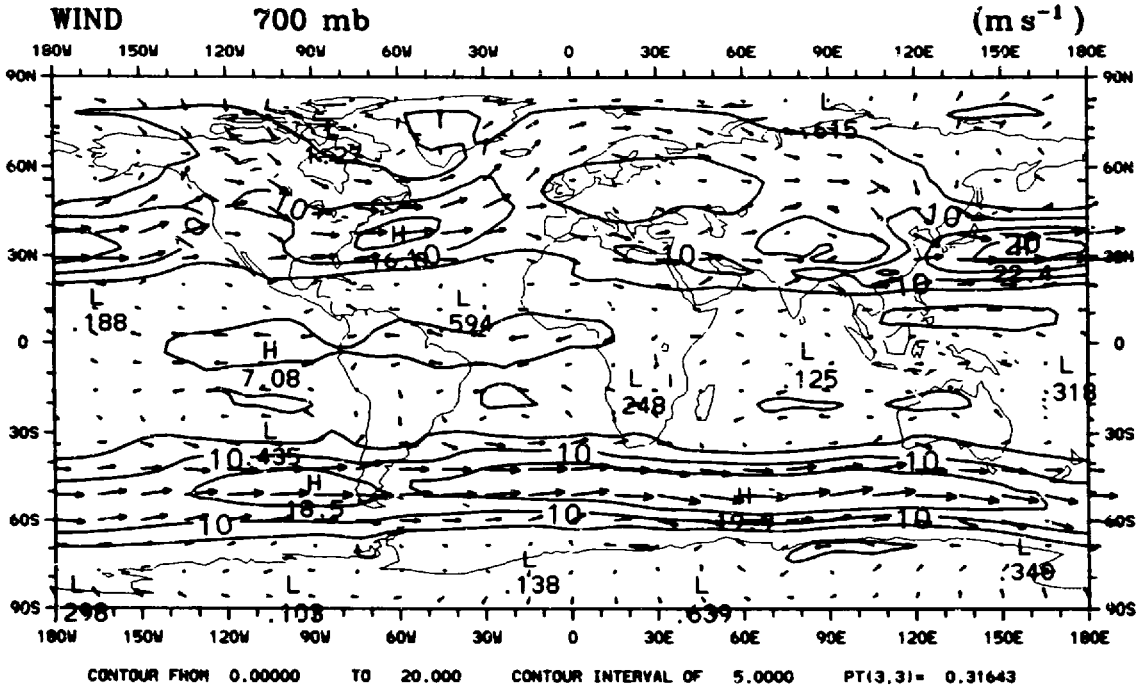
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

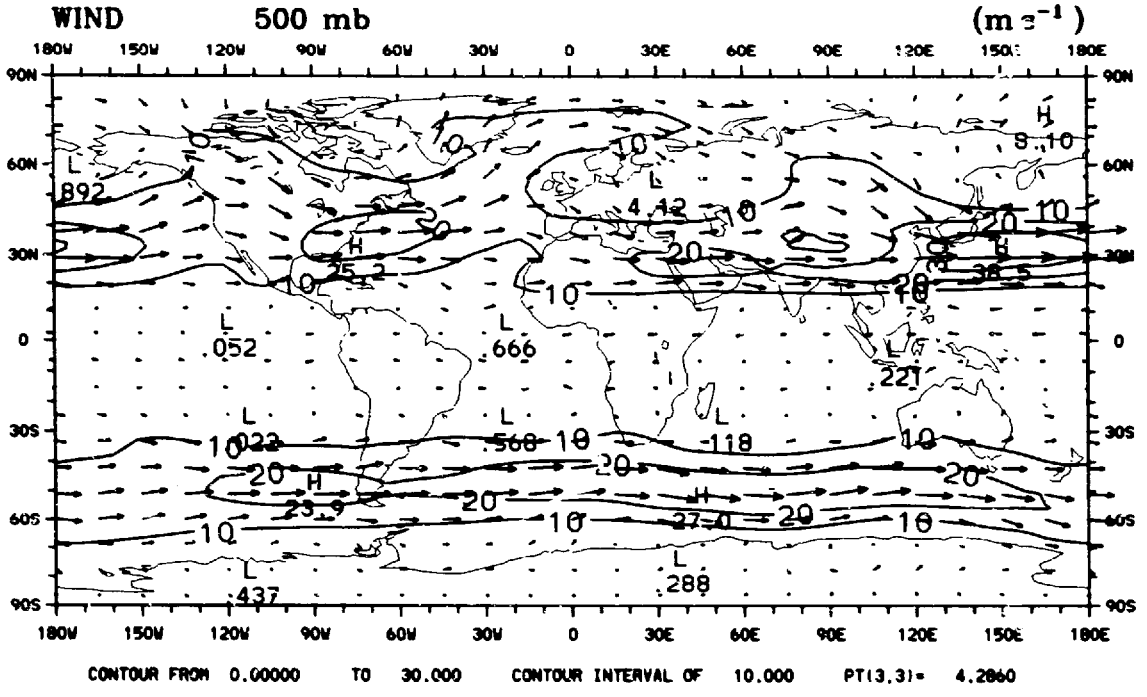
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.67

0.200E+02 →
SCALING VECTOR

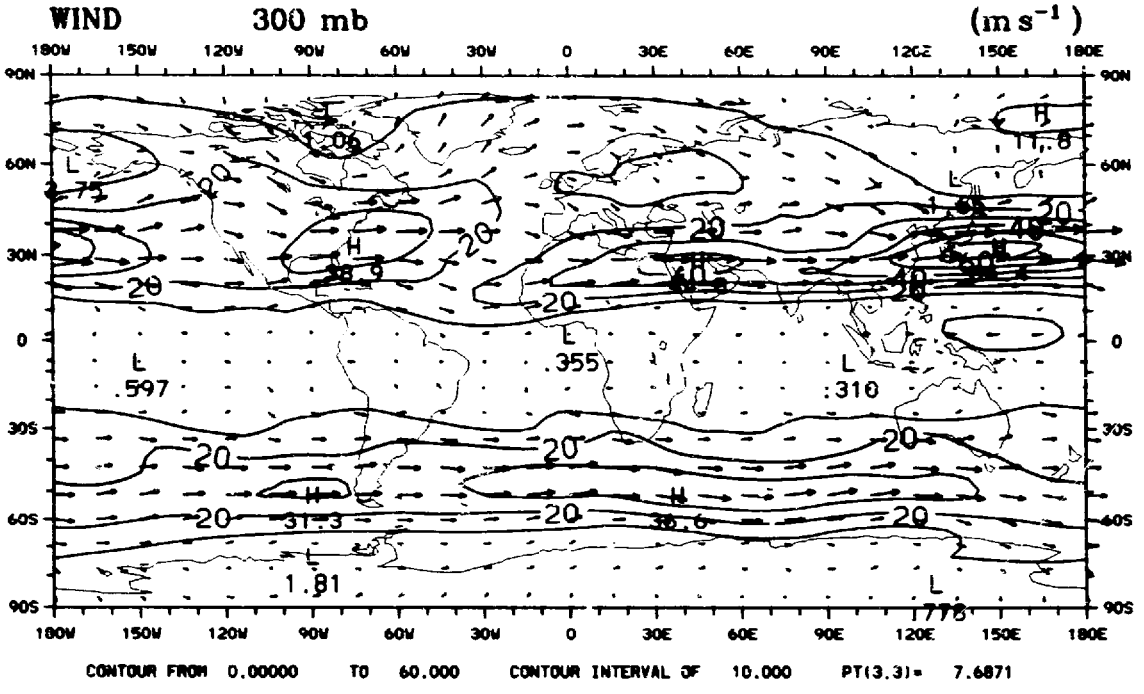
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.300E+02 →
SCALING VECTOR

FRAME 2.68

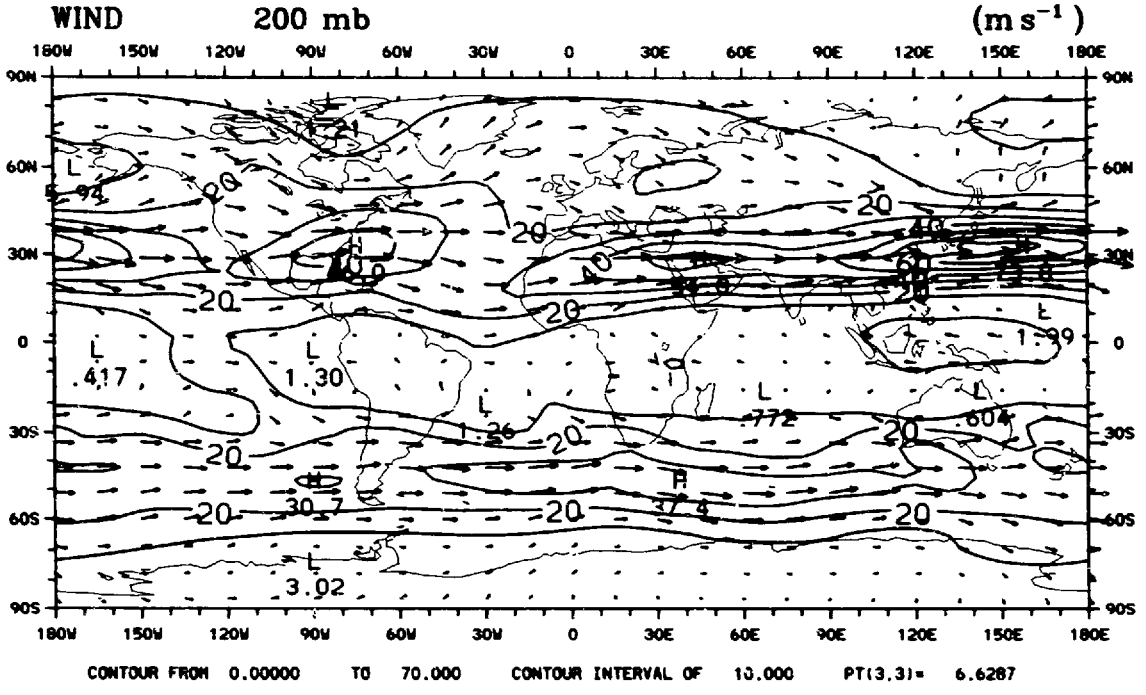
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

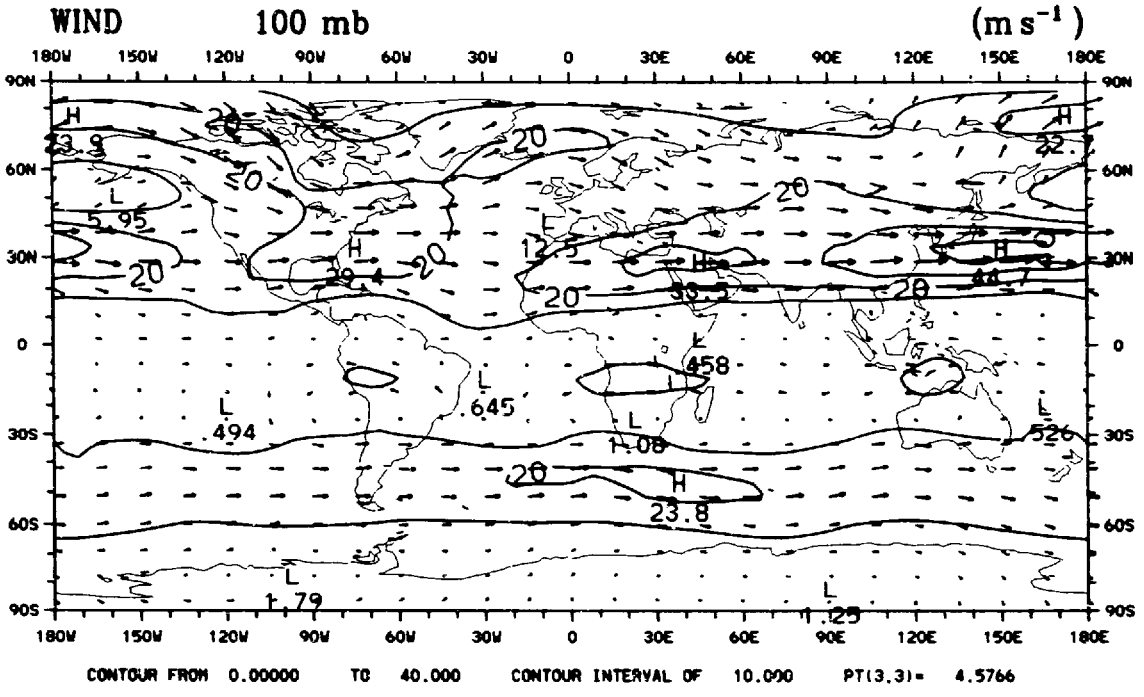
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.70

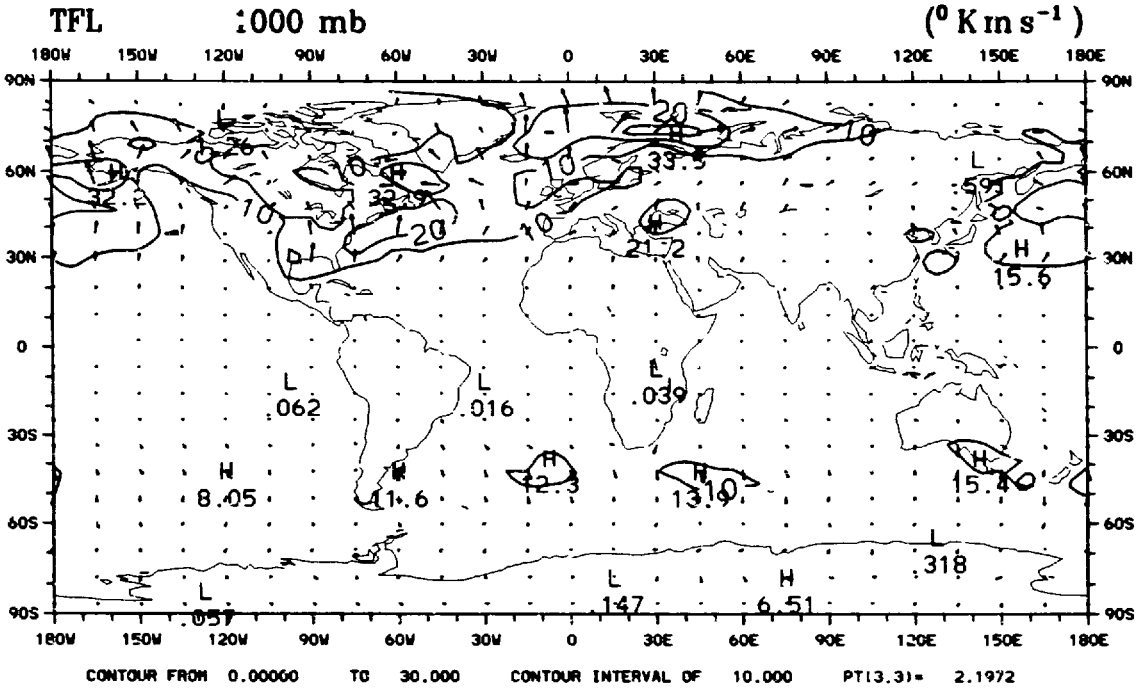
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

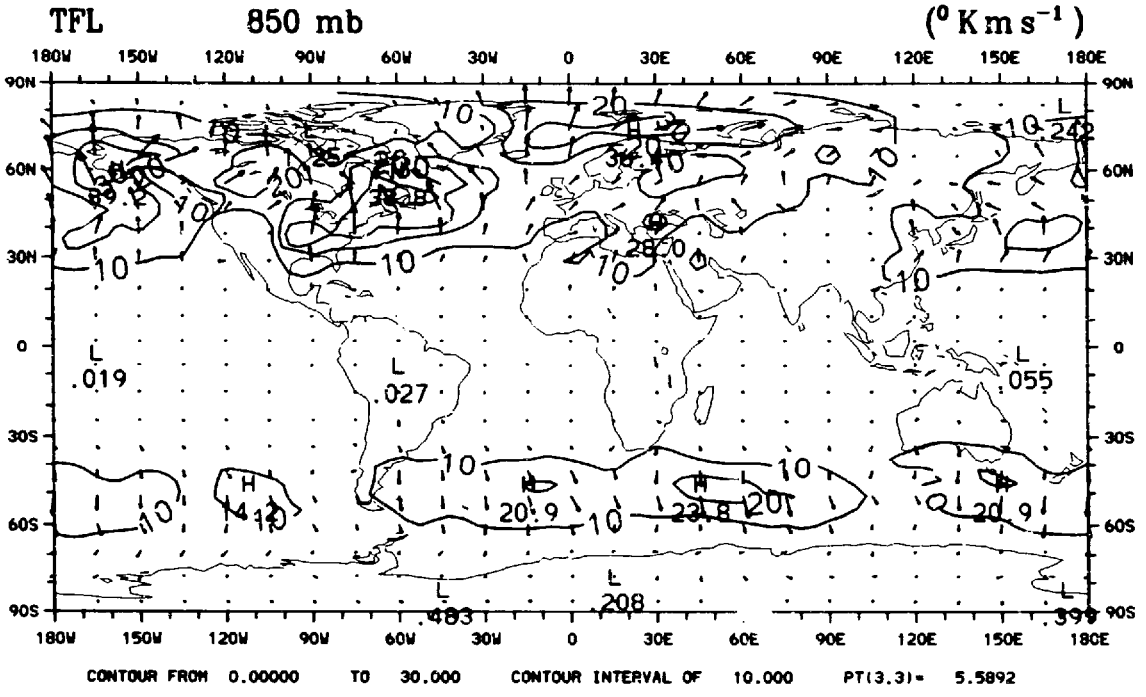
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

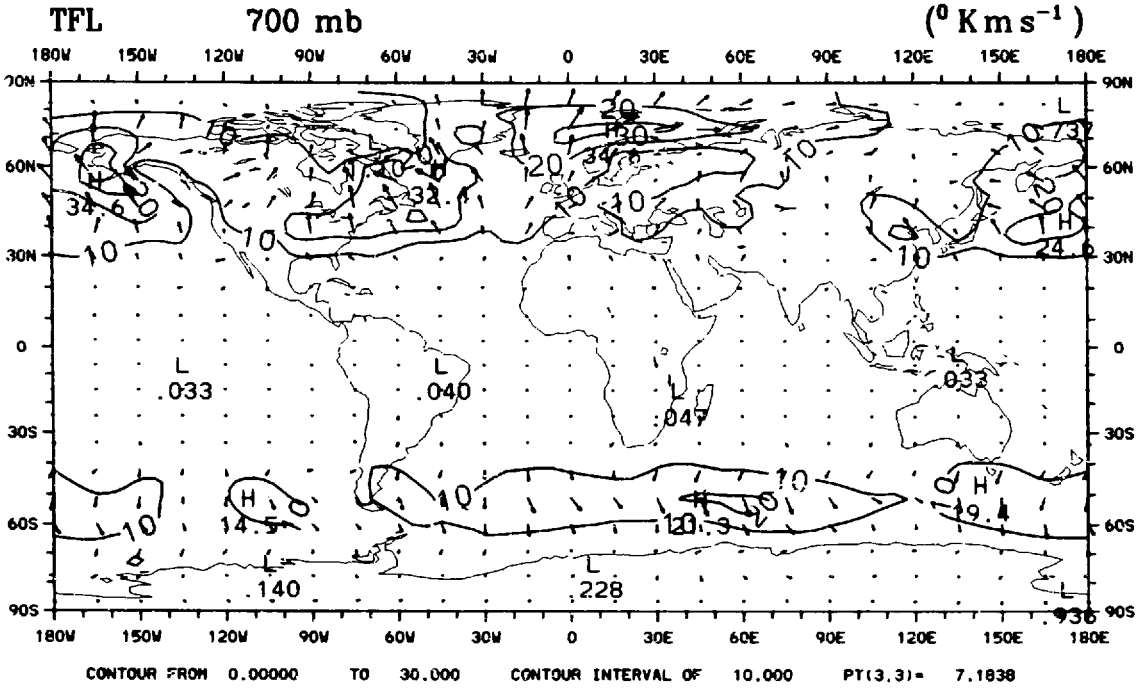
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

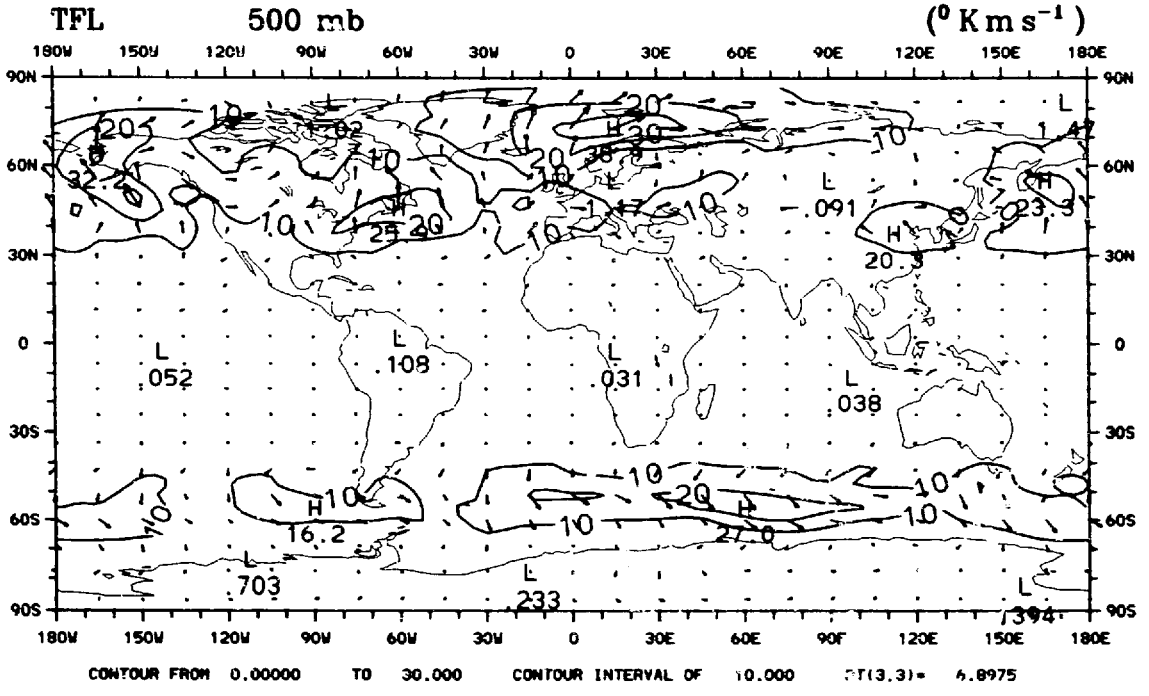
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.74

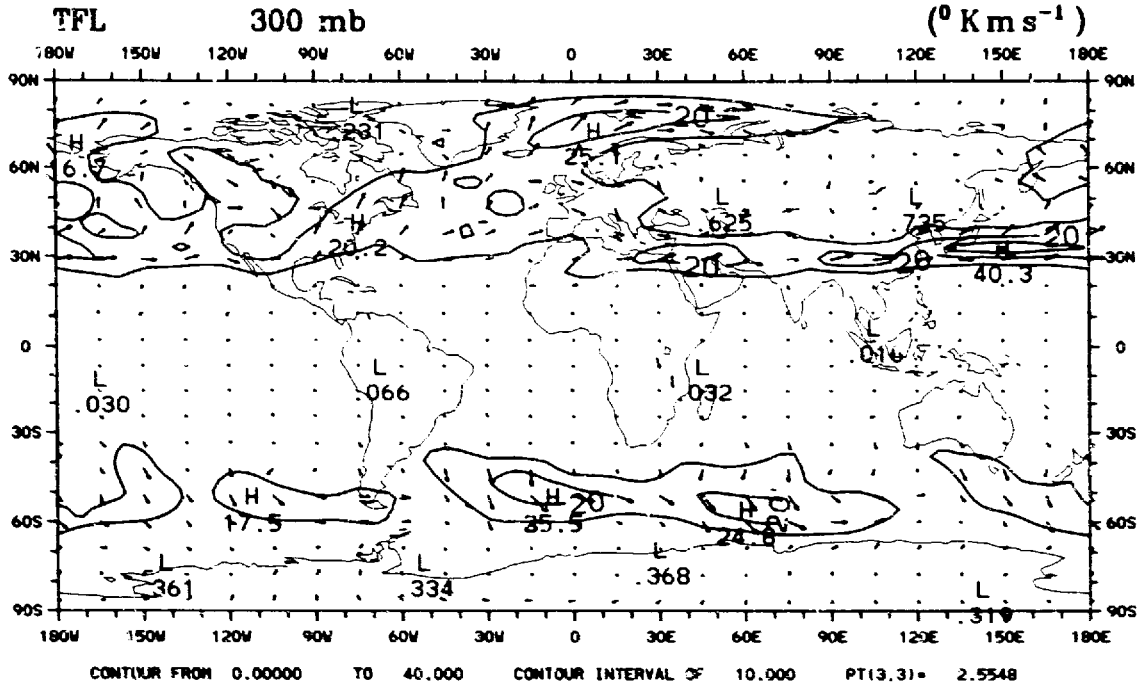
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

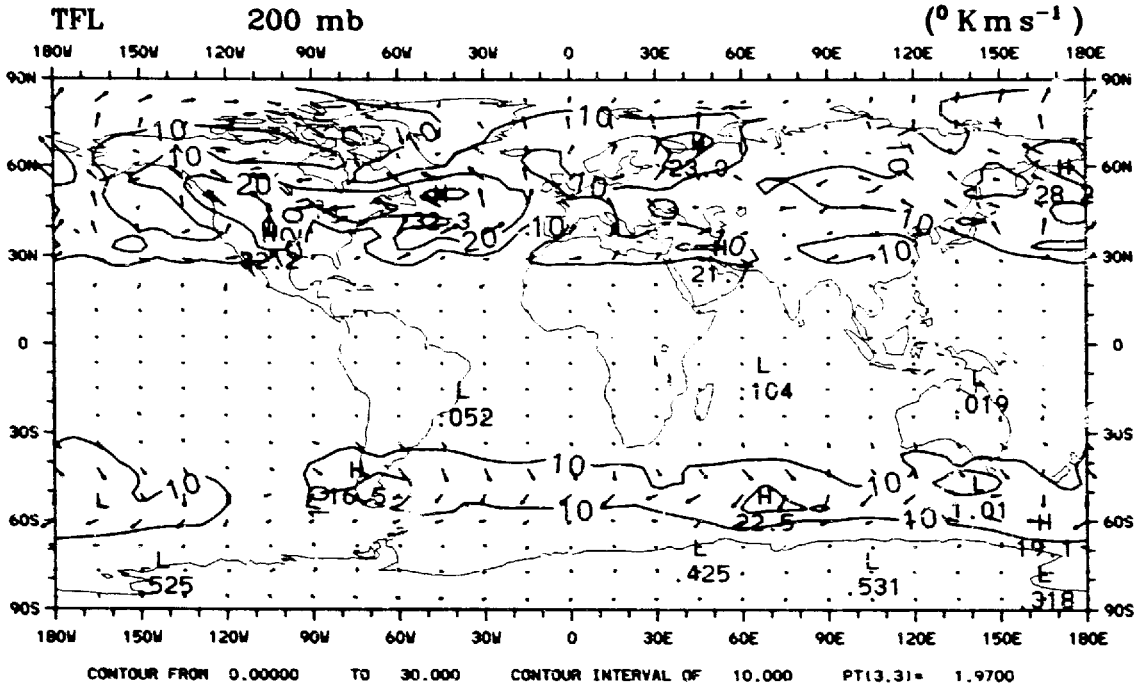
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

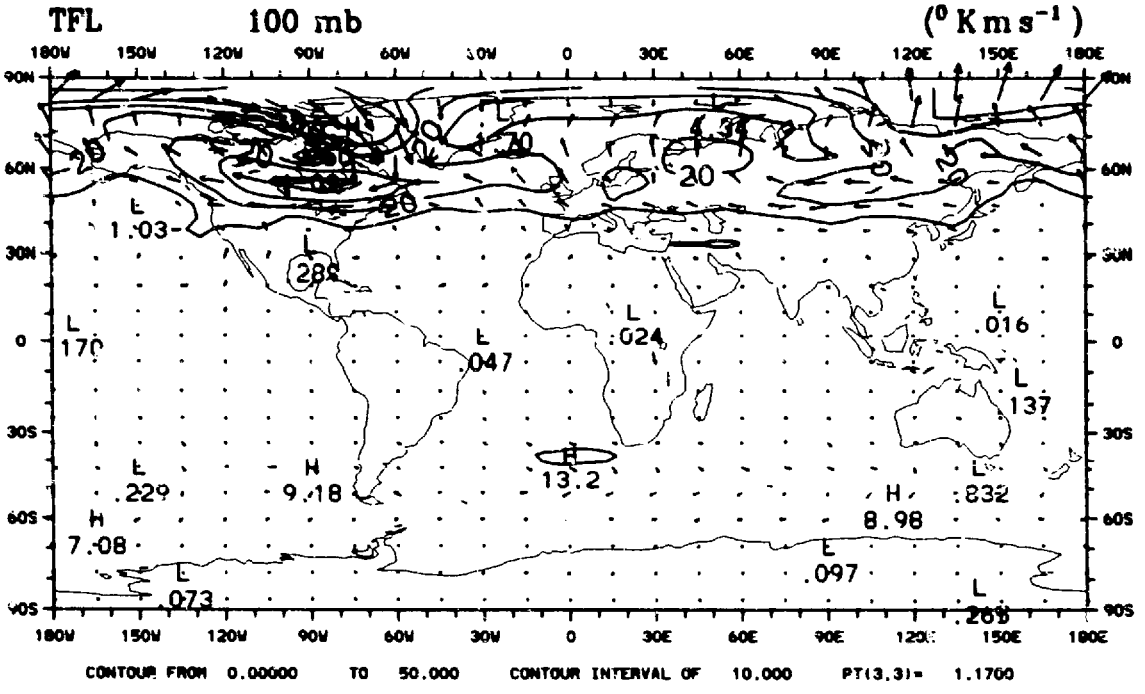
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.77

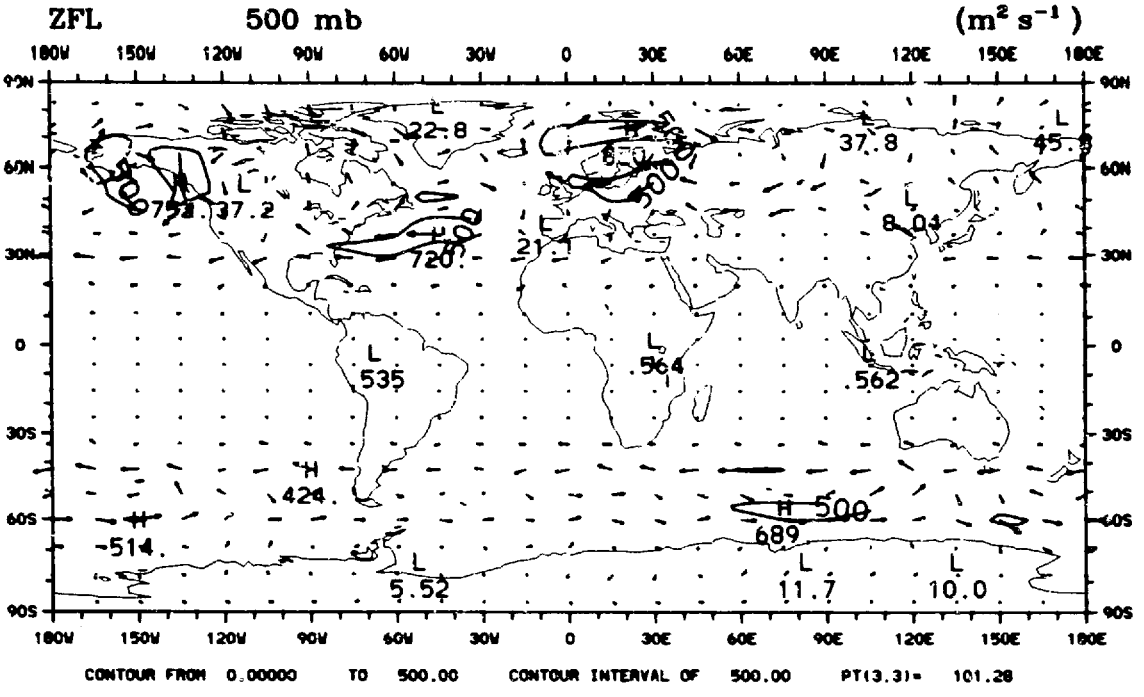
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1988)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

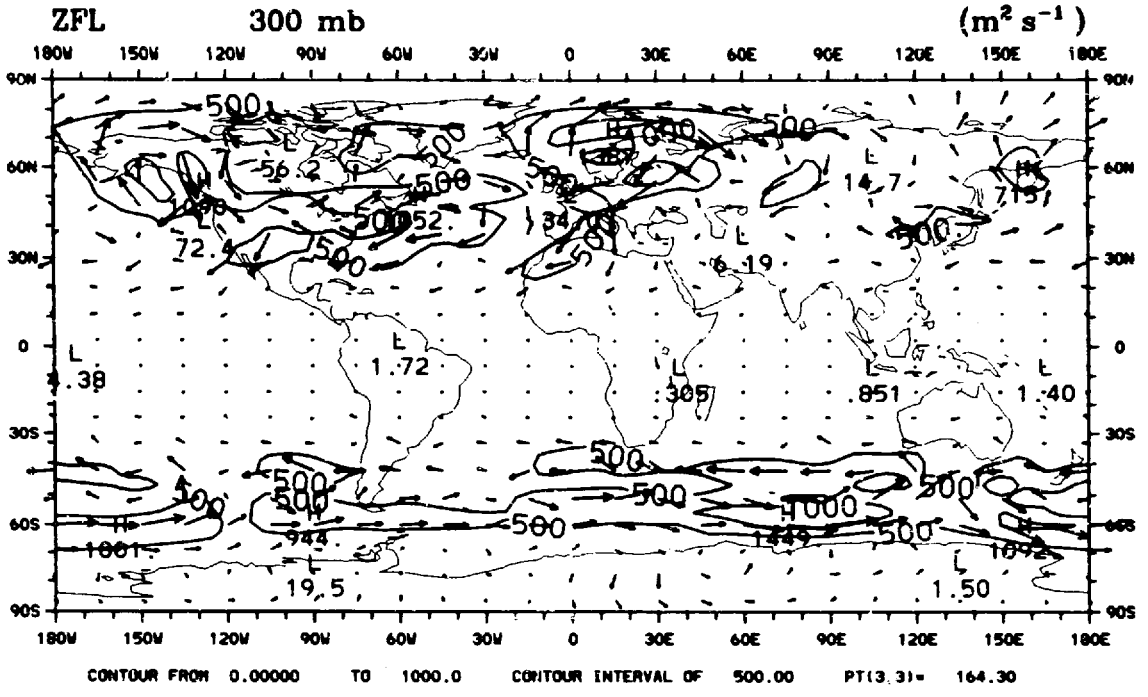
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.79

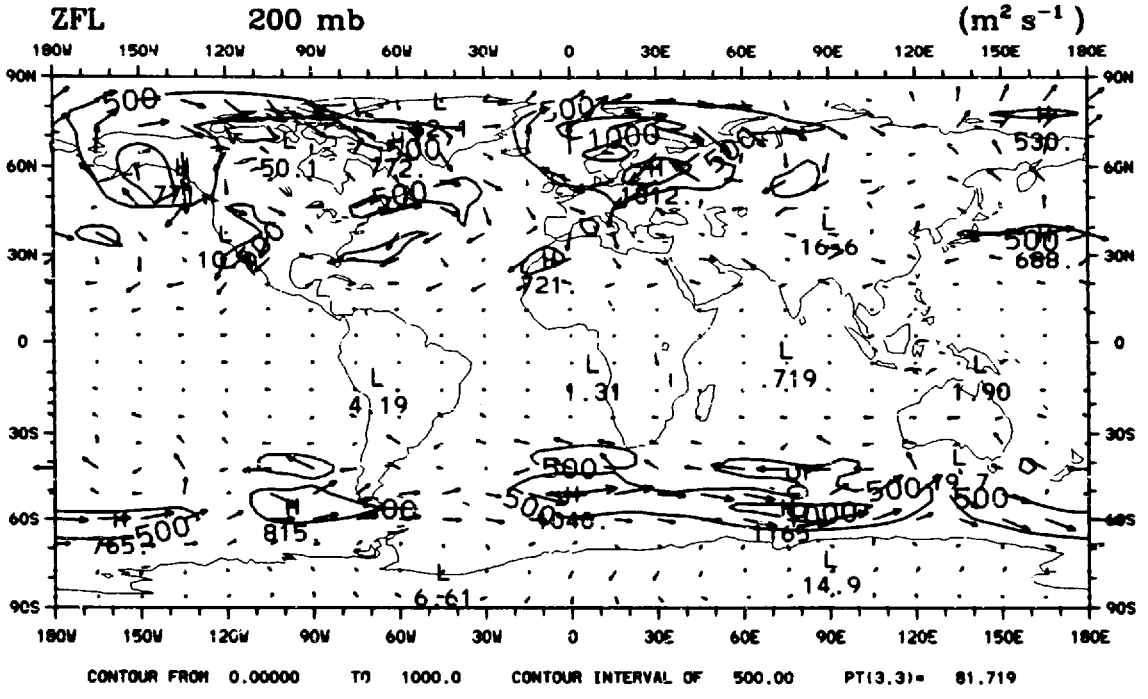
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.80

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

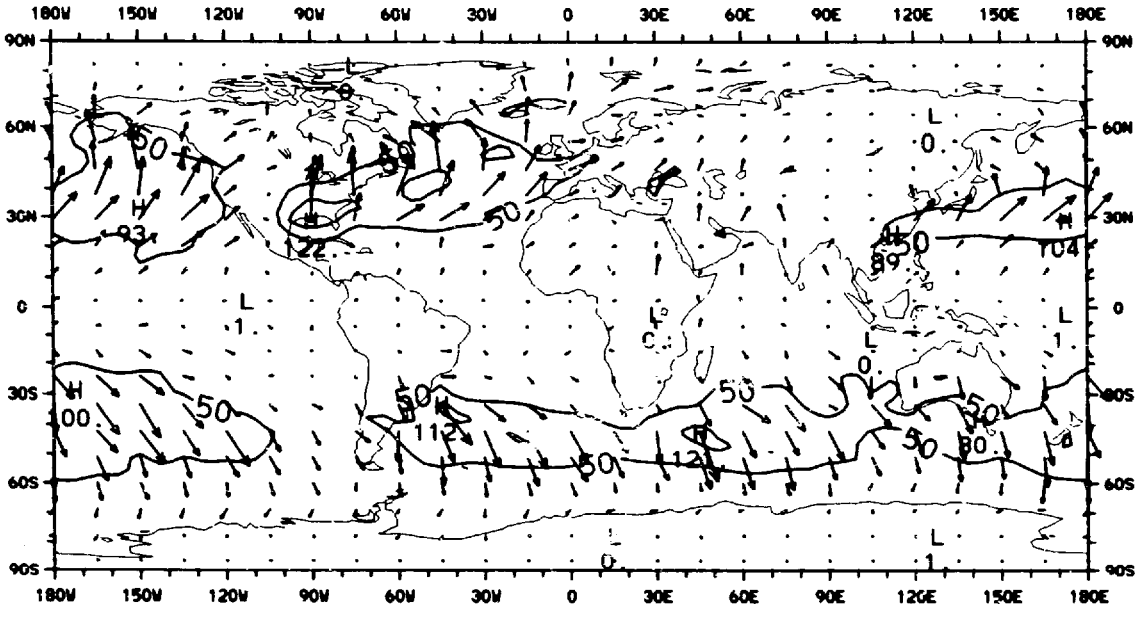



0.100E+04 →
SCALING VECTOR

FRAME 2.81

## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

QFL 850 mb $((g\,kg^{-1})m\,s^{-1}$ X 10)

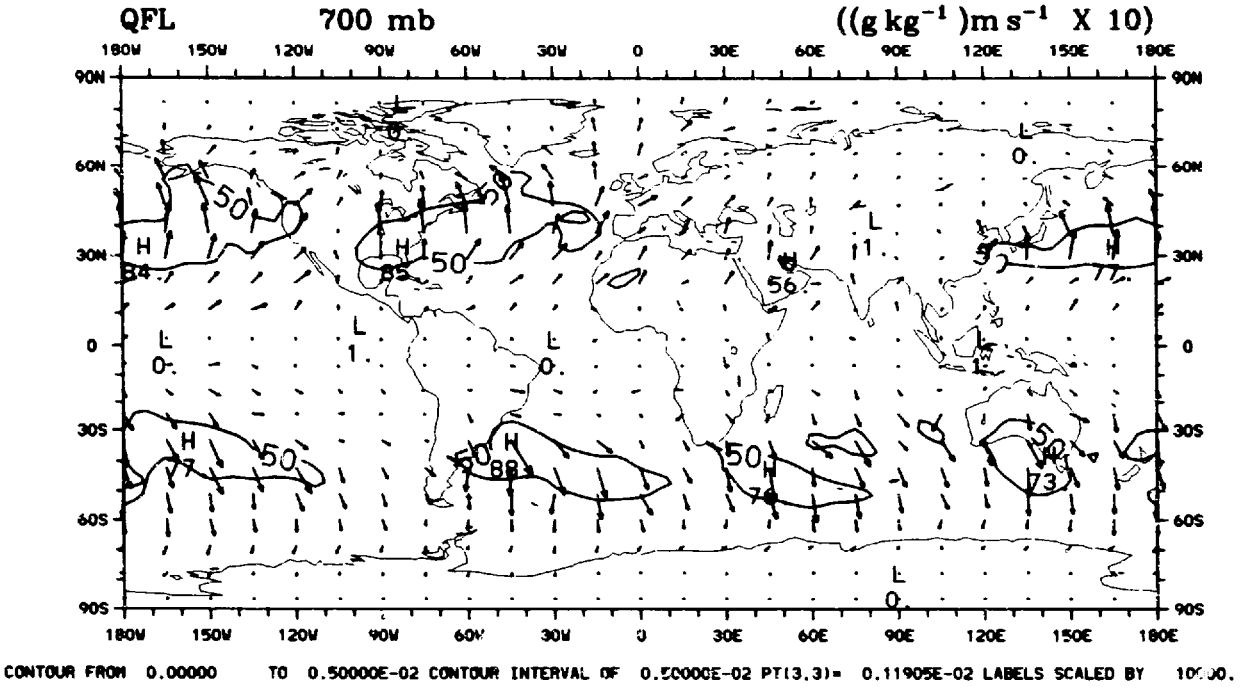



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.14359E-02 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.82

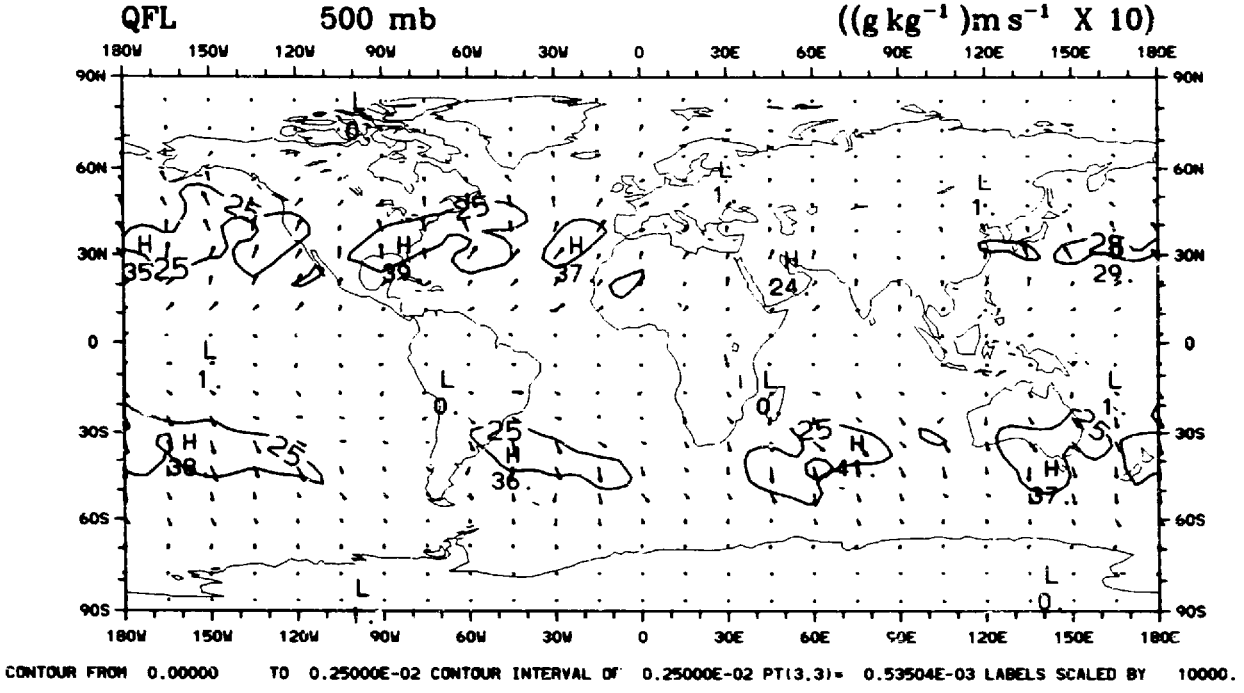
## EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)




0.100E-01 -->
SCALING VECTOR

FRAME 2.83

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

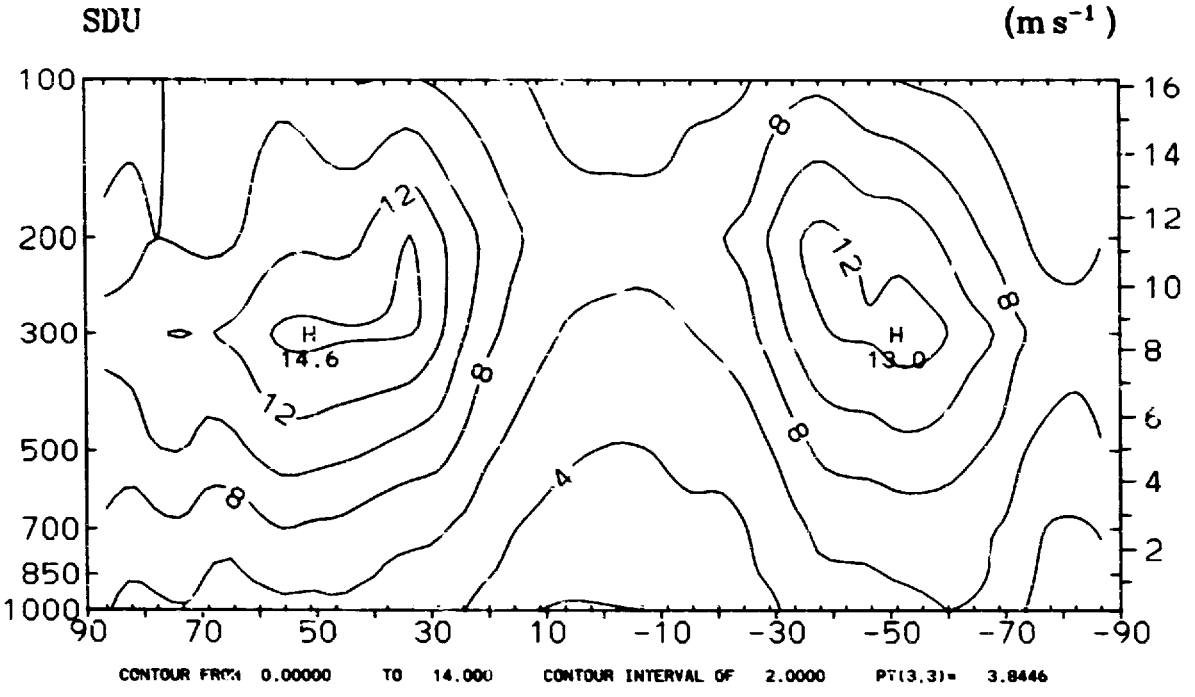



CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.53504E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

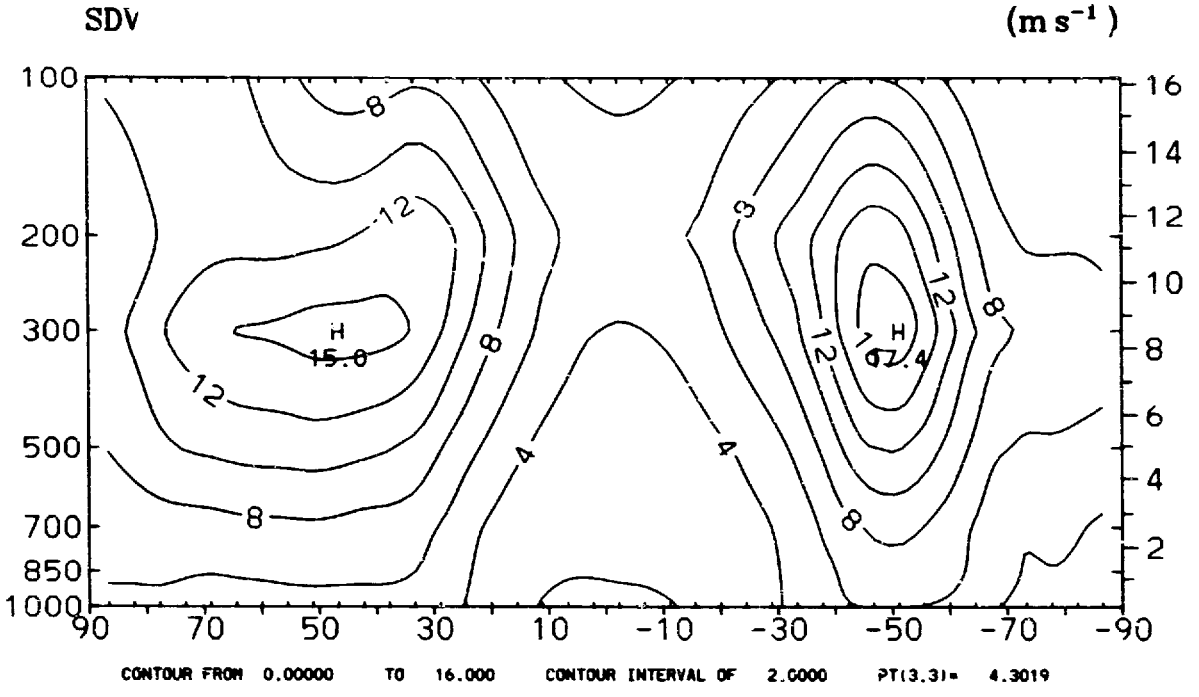
FRAME 2.84

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.85

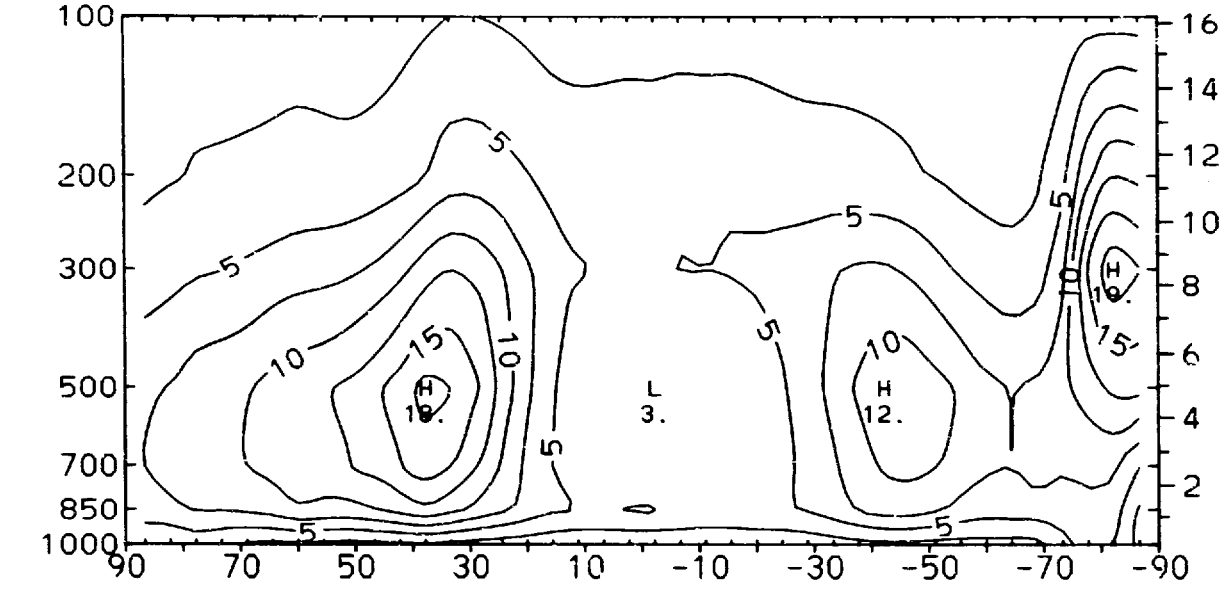
EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.86

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

SDW ($mb\,s^{-1}$ X $10^4$)

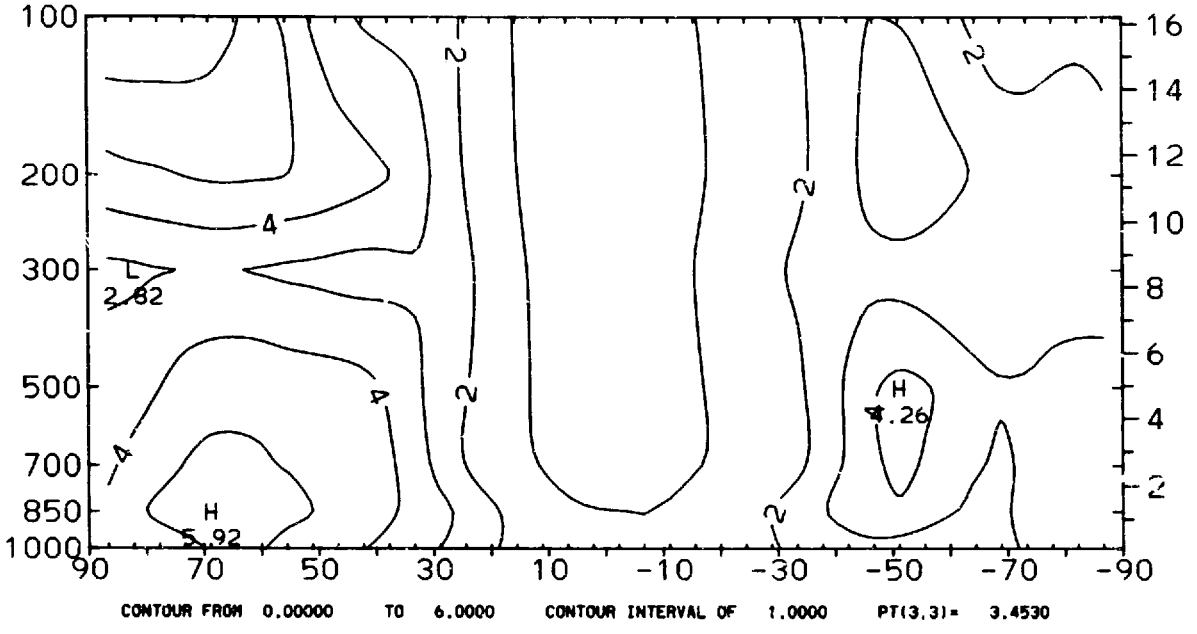



CONTOUR FROM 0.00000 TO 0.17500 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.78450E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

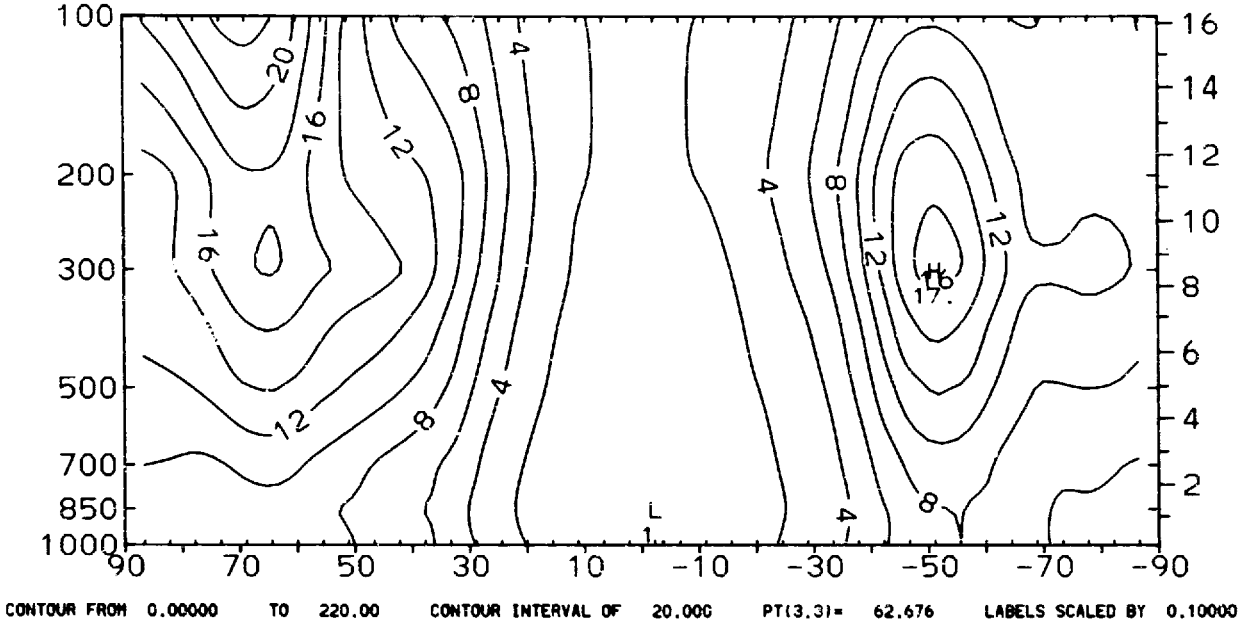
SDT (° K)




FRAME 2.88

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

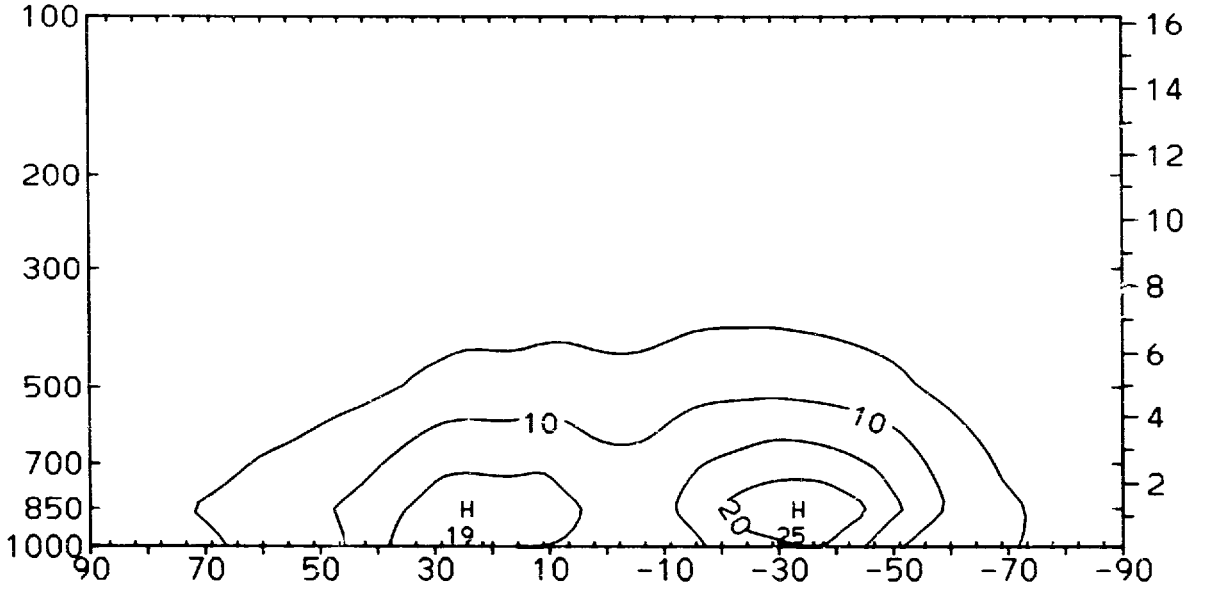



CONTOUR FROM 0.00000 TO 220.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 62.676 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

SDQ (g kg$^{-1}$ X 10)

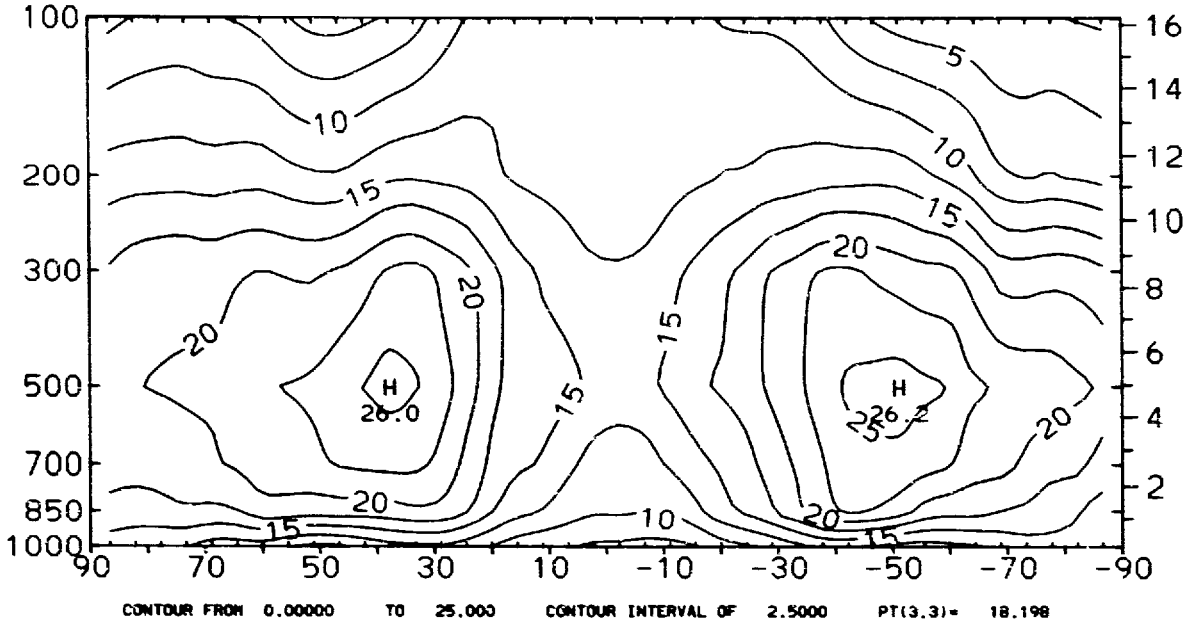



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.39448E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

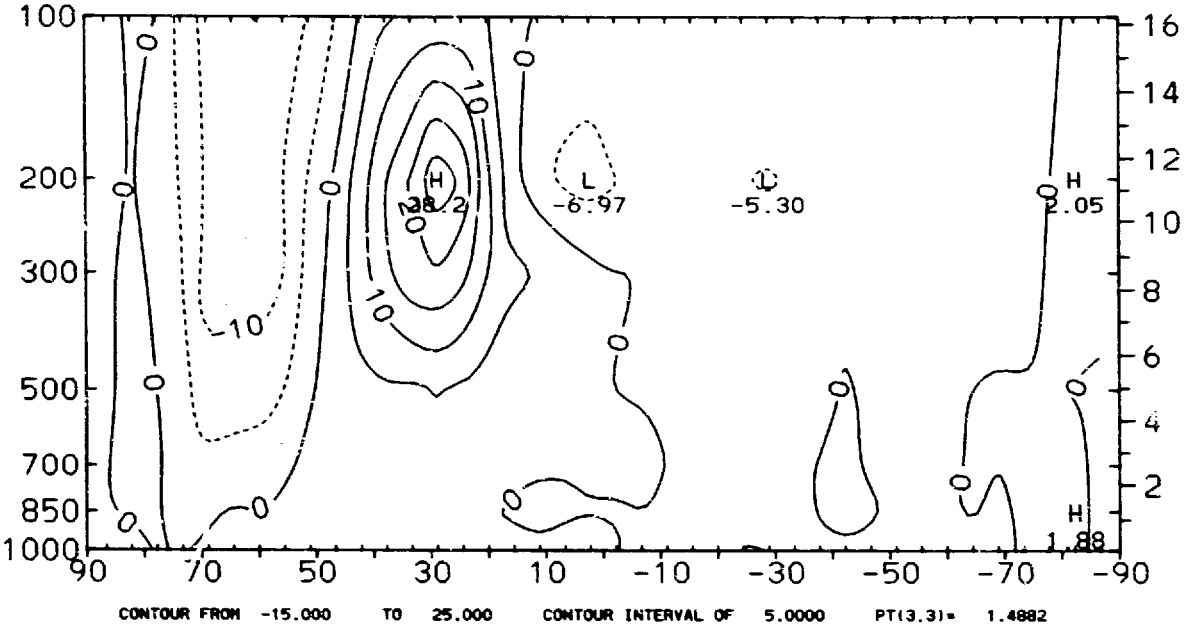
SDRH (%)




FRAME 2.91

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

UVS ($m^2 s^{-2}$)

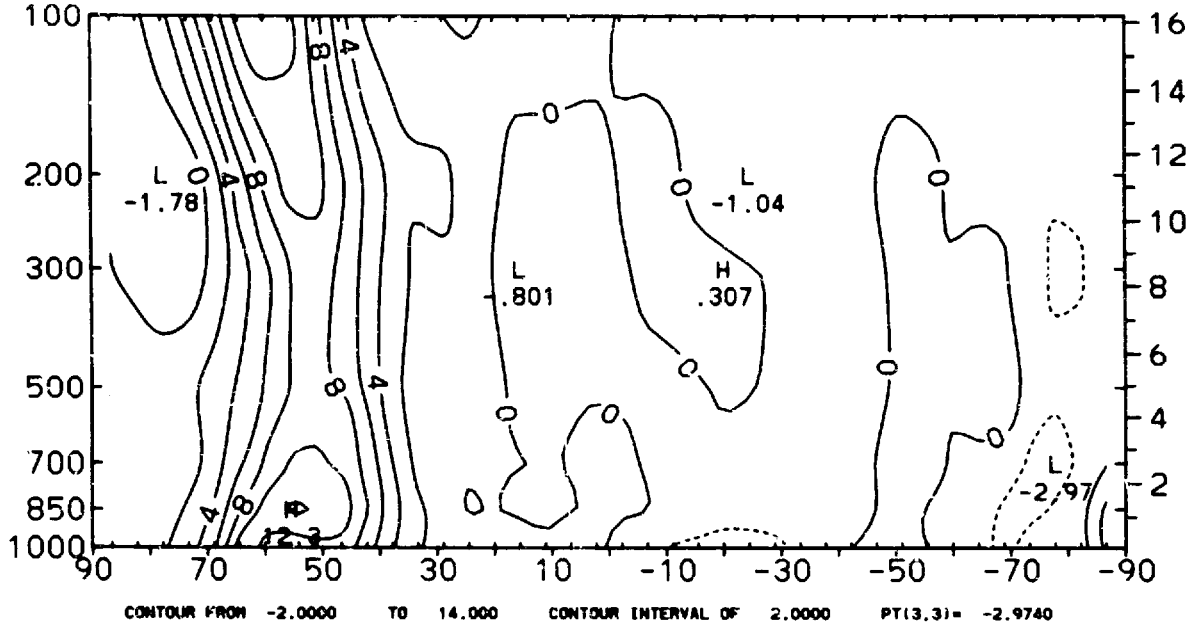



CONTOUR FROM -15.000 TO 25.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 1.4882

FRAME 2.92

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

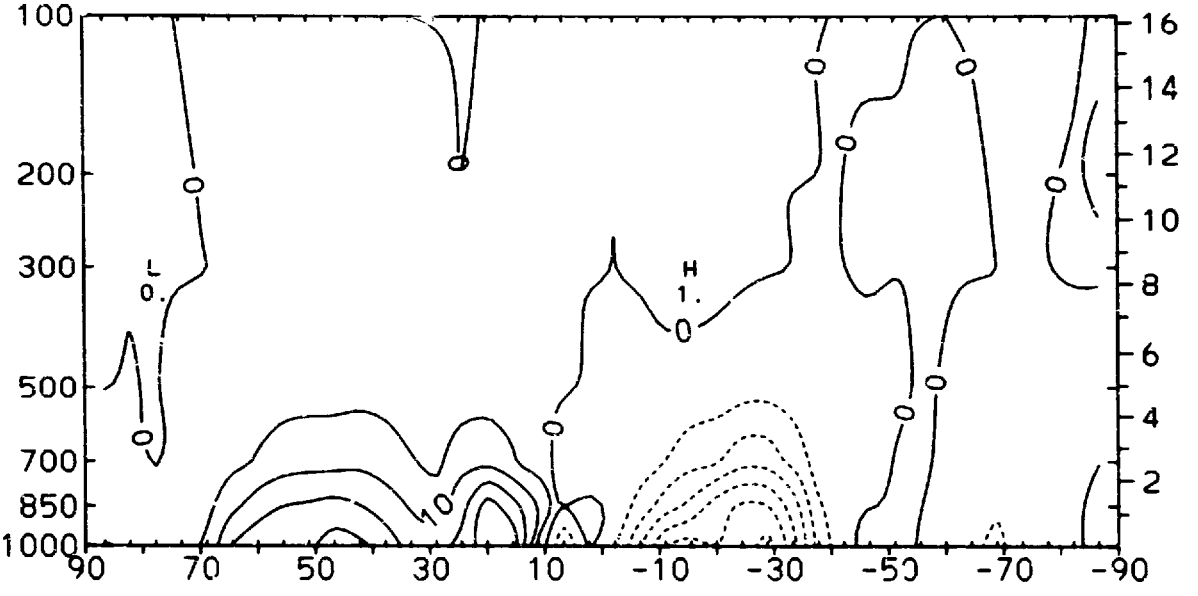
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979–1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

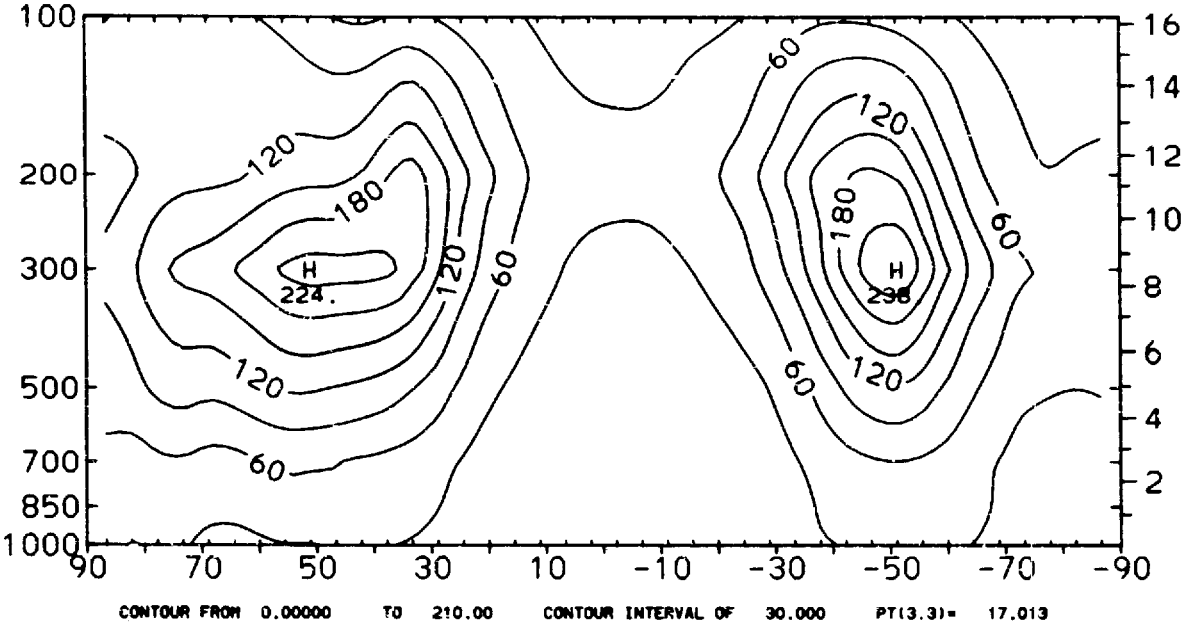



CONTOUR FROM -0.30000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.17938E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 FEBRUARY (ENSEMBLE AVERAGE 1979-1986)

KEP ($m^2 s^{-2}$)




FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.P | A | 424.0 TO 2981.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 424.0 TO 2981.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 424.0 TO 2981.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 424.0 TO 2981.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 424.0 TO 2981.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 424.0 TO 2981.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 424.0 TO 2981.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 424.0 TO 2981.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 424.0 TO 2981.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 424.0 TO 2981.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 424.0 TO 2981.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 424.0 TO 2981.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 424.0 TO 2981.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 424.0 TO 2981.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 424.0 TO 2981.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 424.0 TO 2981.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 424.0 TO 2981.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 424.0 TO 2981.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 424.0 TO 2981.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 424.0 TO 2981.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 424.0 TO 2981.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 424.0 TO 2981.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 424.0 TO 2981.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 424.0 TO 2981.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 424.0 TO 2981.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 424.0 TO 2981.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 424.0 TO 2981.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 424.0 TO 2981.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 424.0 TO 2981.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 950.0P | A | 424.0 TO 2981.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 424.0 TO 2981.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 424.0 TO 2981.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 424.0 TO 2981.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 424.0 TO 2981.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 424.0 TO 2981.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 424.0 TO 2981.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 424.0 TO 2981.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 424.0 TO 2981.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 424.0 TO 2981.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 424.0 TO 2981.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 424.0 TO 2981.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 424.0 TO 2981.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 424.0 TO 2981.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 424.0 TO 2981.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 424.0 TO 2981.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 424.0 TO 2981.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 424.0 TO 2981.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 424.0 TO 2981.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 424.0 TO 2981.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 424.0 TO 2981.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 424.0 TO 2981.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 424.0 TO 2981.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 424.0 TO 2981.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 424.0 TO 2981.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 424.0 TO 2981.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 424.0 TO 2981.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 424.0 TO 2981.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 424.0 TO 2981.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 424.0 TO 2981.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 424.0 TO 2981.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 424.0 TO 2981.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 424.0 TO 2981.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 424.0 TO 2981.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 424.0 TO 2981.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 424.0 TO 2981.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 424.0 TO 2981.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 424.0 TO 2981.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 424.0 TO 2981.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 424.0 TO 2981.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 424.0 TO 2981.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 424.0 TO 2981.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 424.0 TO 2981.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 424.0 TO 2981.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 424.0 TO 2981.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 424.0 TO 2981.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 424.0 TO 2981.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 424.0 TO 2981.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 424.0 TO 2981.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 424.0 TO 2981.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 424.0 TO 2981.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 424.0 TO 2981.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 424.0 TO 2981.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 424.0 TO 2981.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 424.0 TO 2981.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 424.0 TO 2981.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 424.0 TO 2981.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 424.0 TO 2981.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 424.0 TO 2981.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 424.0 TO 2981.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 424.0 TO 2981.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 424.0 TO 2981.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 424.0 TO 2981.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 424.0 TO 2981.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 424.0 TO 2981.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 424.0 TO 2981.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 424.0 TO 2981.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 424.0 TO 2981.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 424.0 TO 2981.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 424.0 TO 2981.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 424.0 TO 2981.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 424.0 TO 2981.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 424.0 TO 2981.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 424.0 TO 2981.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 424.0 TO 2981.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 424.0 TO 2981.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 424.0 TO 2981.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 424.0 TO 2981.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 424.0 TO 2981.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 424.0 TO 2981.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 424.0 TO 2981.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 424.0 TO 2981.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 424.0 TO 2981.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 424.0 TO 2981.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 424.0 TO 2981.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 424.0 TO 2981.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 424.0 TO 2981.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 424.0 TO 2981.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 424.0 TO 2981.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 424.0 TO 2981.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 424.0 TO 2981.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 424.0 TO 2981.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 424.0 TO 2981.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 424.0 TO 2981.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 424.0 TO 2981.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 424.0 TO 2981.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 424.0 TO 2981.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 424.0 TO 2981.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 424.0 TO 2981.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 424.0 TO 2981.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 424.0 TO 2981.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 424.0 TO 2981.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90 | SDT | 850.0P | A | 424.0 TO 2981.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 424.0 TO 2981.0 |

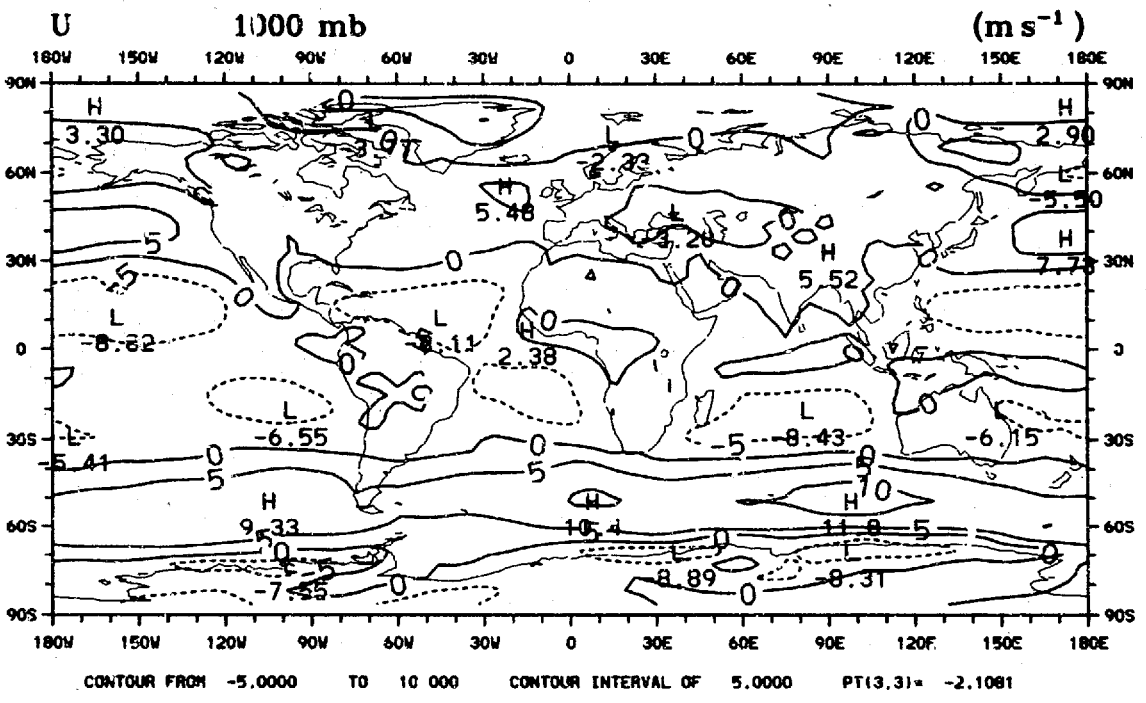
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 424.0 TO 2981.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 424.0 TO 2981.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 424.0 TO 2981.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 424.0 TO 2981.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 424.0 TO 2981.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 424.0 TO 2981.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 424.0 TO 2981.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 424.0 TO 2981.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 424.0 TO 2981.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 424.0 TO 2981.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 424.0 TO 2981.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 424.0 TO 2981.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 424.0 TO 2981.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 424.0 TO 2981.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 424.0 TO 2981.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 424.0 TO 2981.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 424.0 TO 2981.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 424.0 TO 2981.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 424.0 TO 2981.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 424.0 TO 2981.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 424.0 TO 2981.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 424.0 TO 2981.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 424.0 TO 2981.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 424.0 TO 2981.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 424.0 TO 2981.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 424.0 TO 2981.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 424.0 TO 2981.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 424.0 TO 2981.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 424.0 TO 2981.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 424.0 TO 2981.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 424.0 TO 2981.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 424.0 TO 2981.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 424.0 TO 2981.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 424.0 TO 2981.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 424.0 TO 2981.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 424.0 TO 2981.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 424.0 TO 2981.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 424.0 TO 2981.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 424.0 TO 2981.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 424.0 TO 2981.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 424.0 TO 2981.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 424.0 TO 2981.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 424.0 TO 2981.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 424.0 TO 2981.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 424.0 TO 2981.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 424.0 TO 2981.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 424.0 TO 2981.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 424.0 TO 2981.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 424.0 TO 2981.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 424.0 TO 2981.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

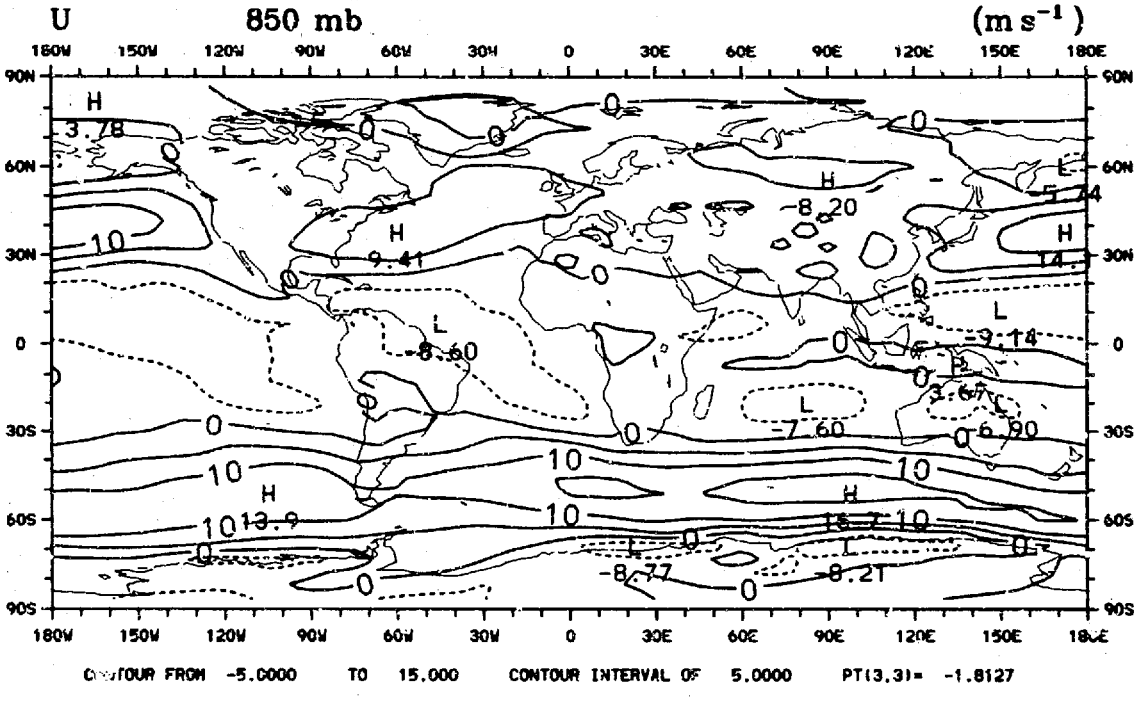
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 424.0 TO 2981.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 424.0 TO 2981.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 424.0 TO 2981.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 424.0 TO 2981.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 424.0 TO 2981.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 424.0 TO 2981.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 424.0 TO 2981.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 424.0 TO 2981.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 424.0 TO 2981.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 424.0 TO 2981.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 424.0 TO 2981.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 424.0 TO 2981.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 424.0 TO 2981.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 424.0 TO 2981.0 |

## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.1

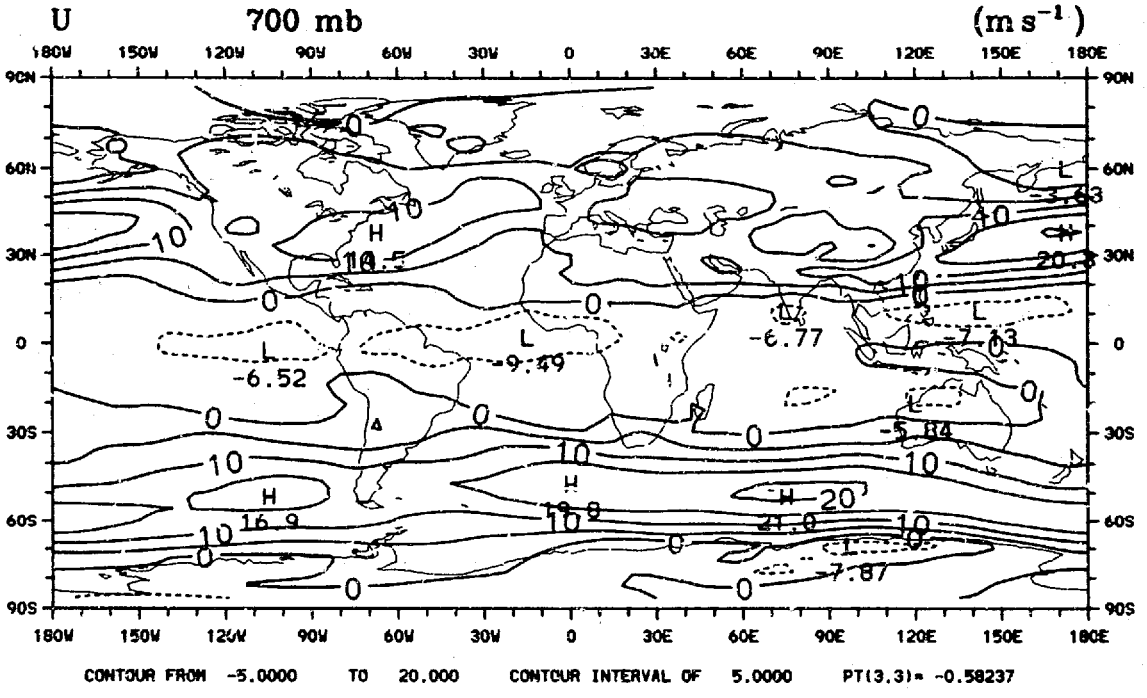
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -5.0000 TO 15.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -1.8127

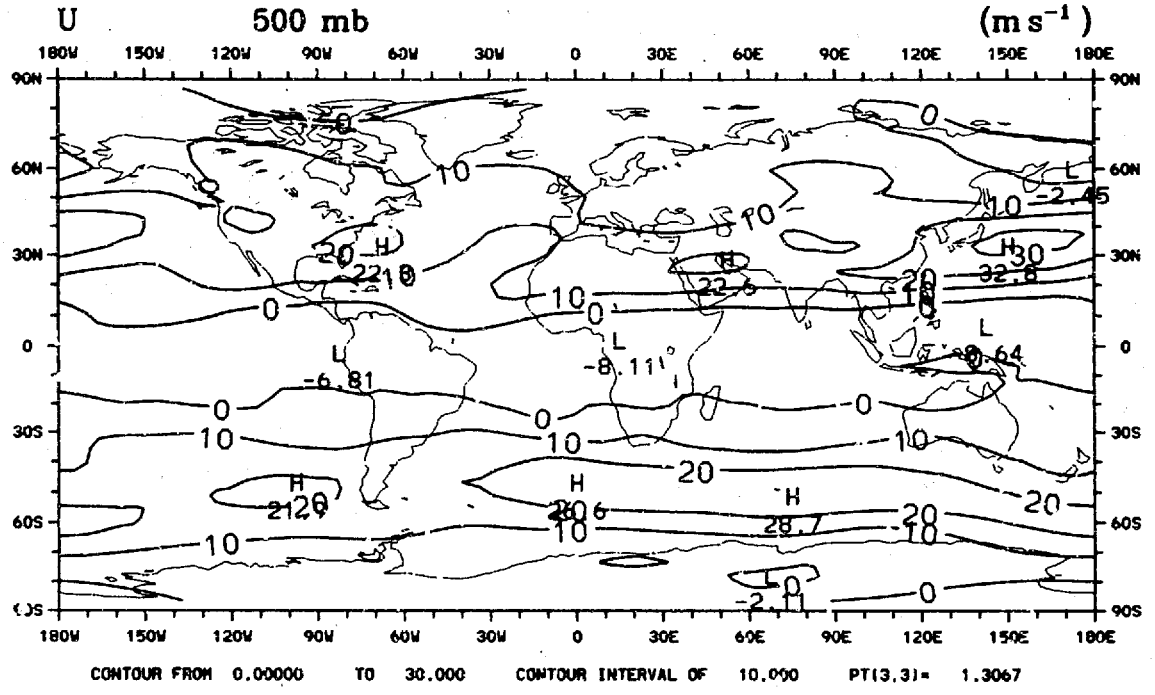
FRAME 1.2

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



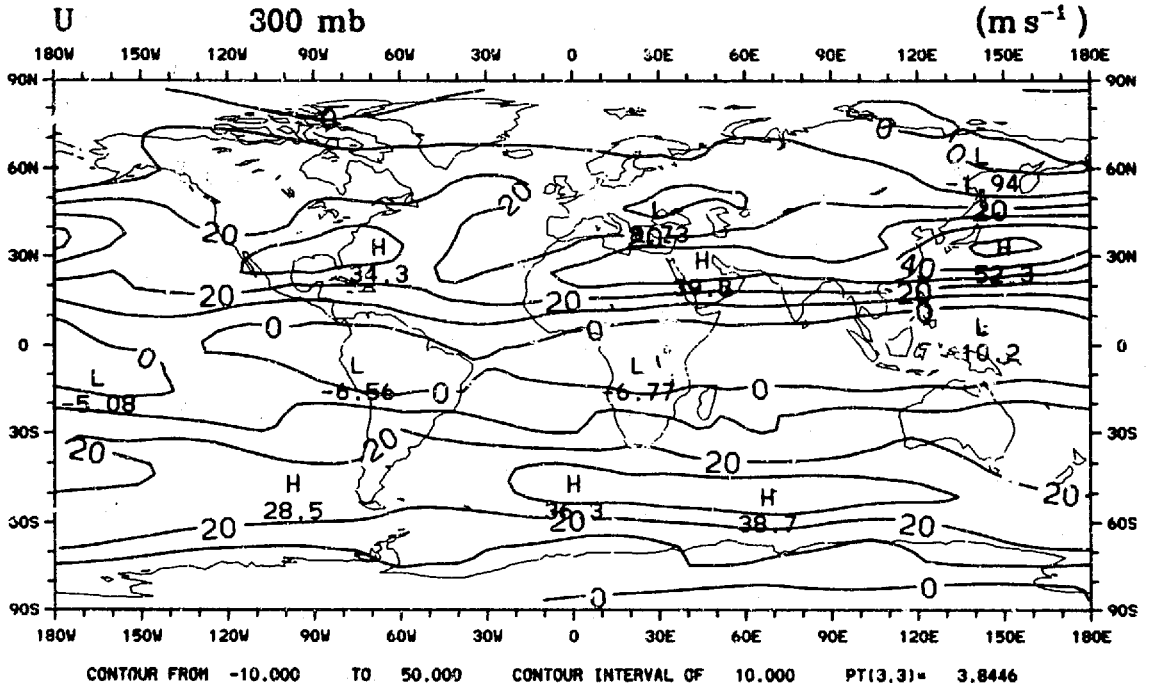

FRAME 1.3

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



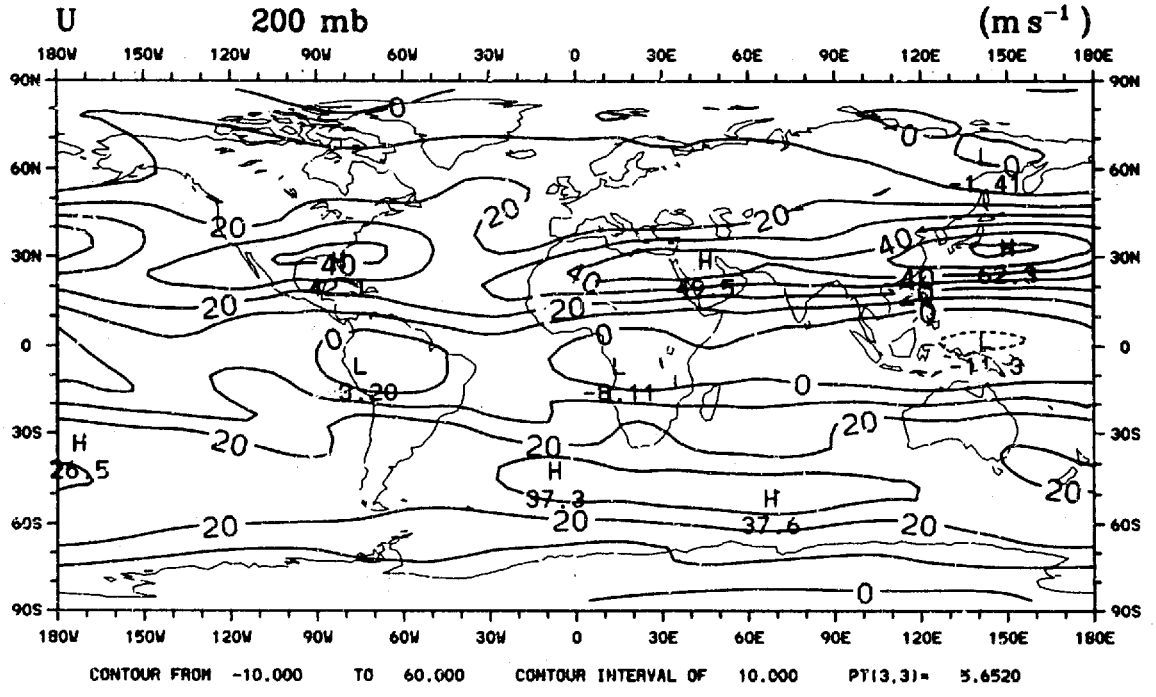

FRAME 1.4

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



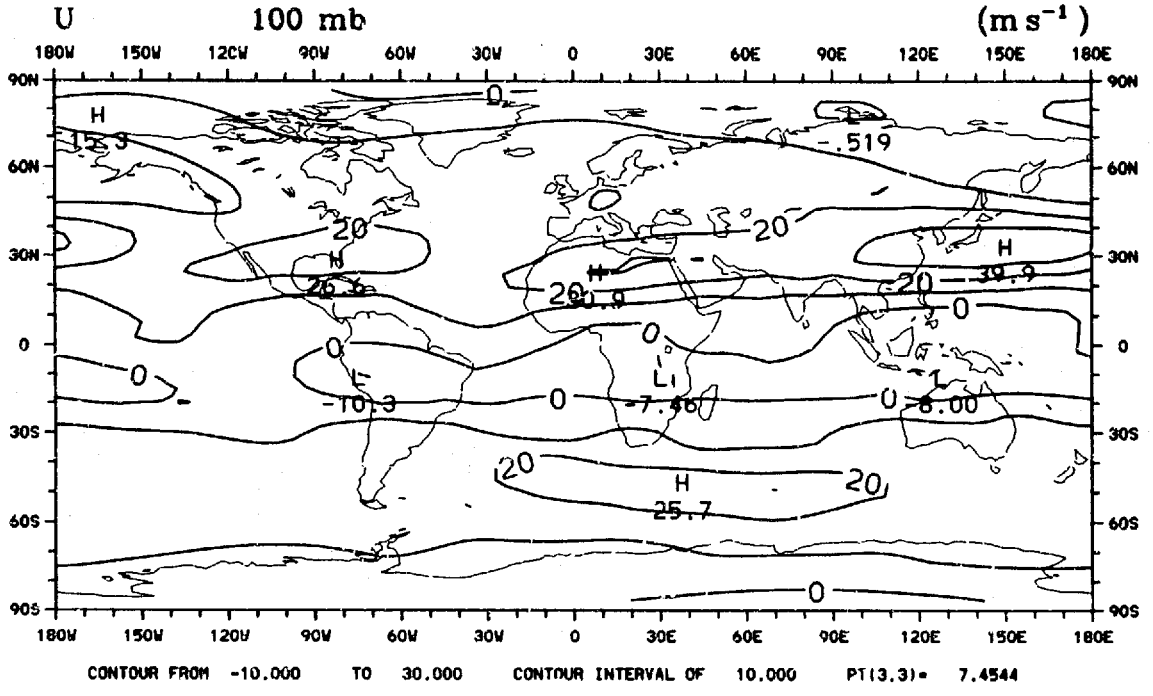

FRAME 1.5

EC R15 MARCH (ENSEMBLE AVERAGE 1979--1986)



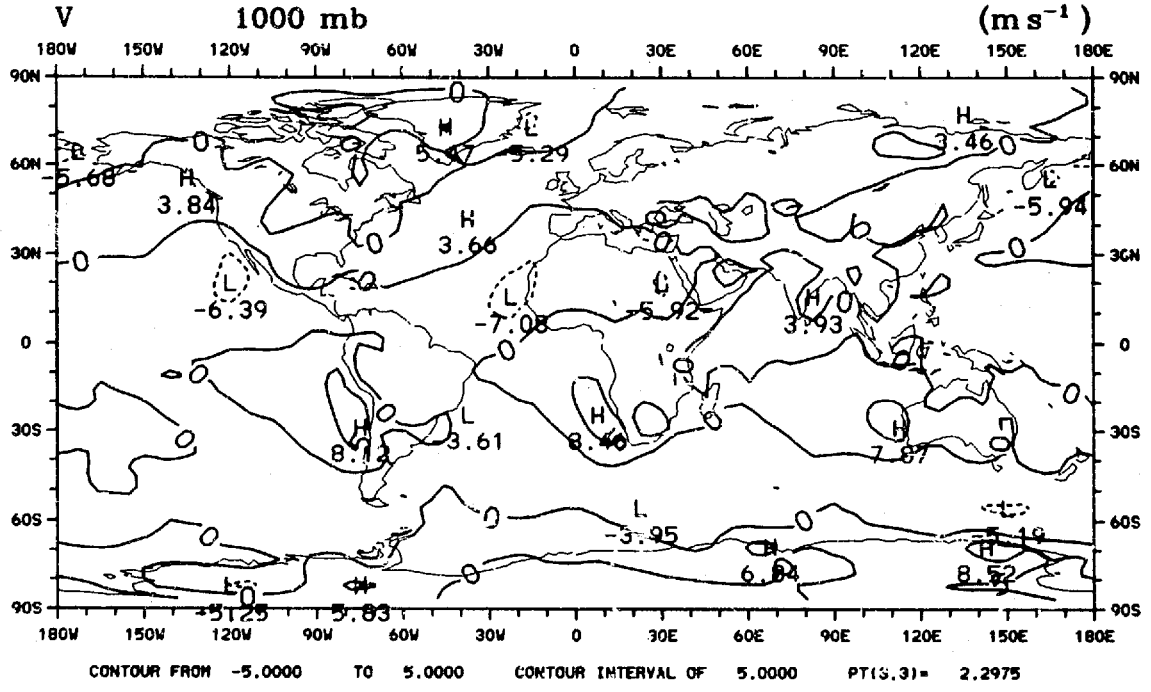

FRAME 1.6

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



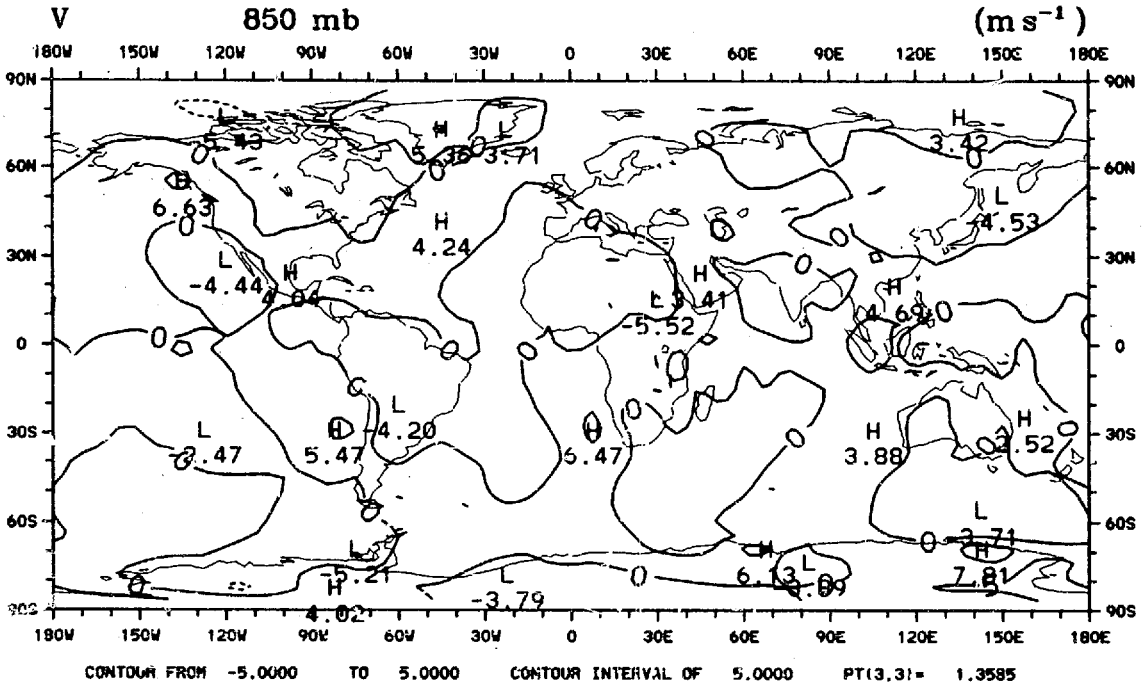

FRAME 1.7

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



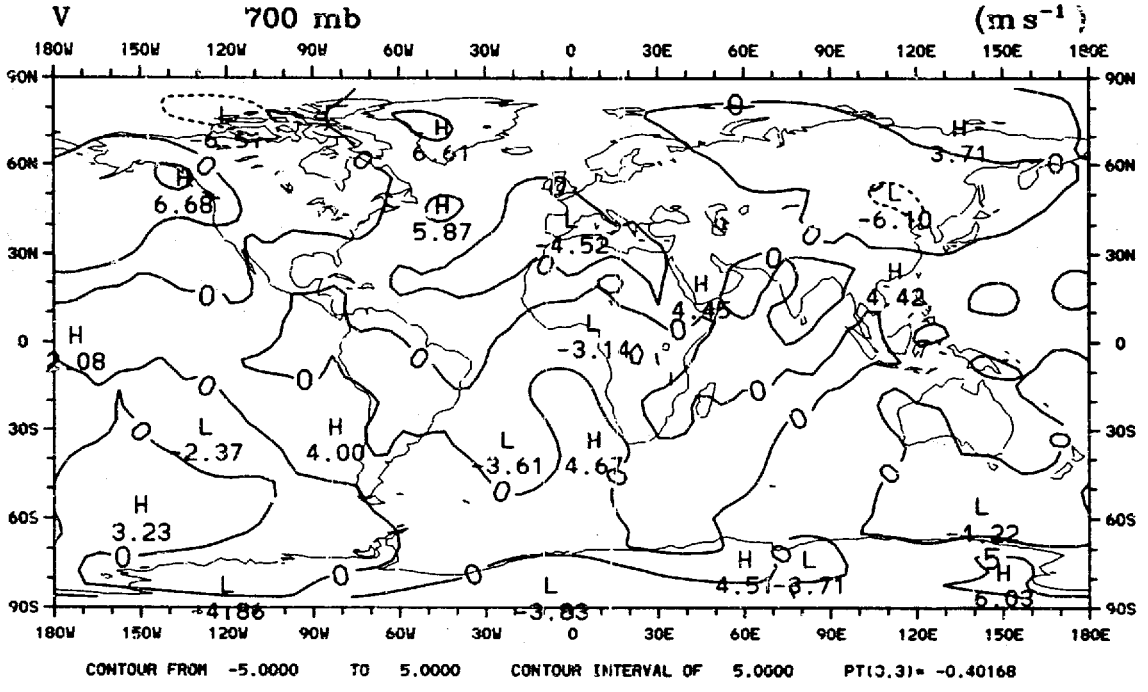

FRAME 1.8

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

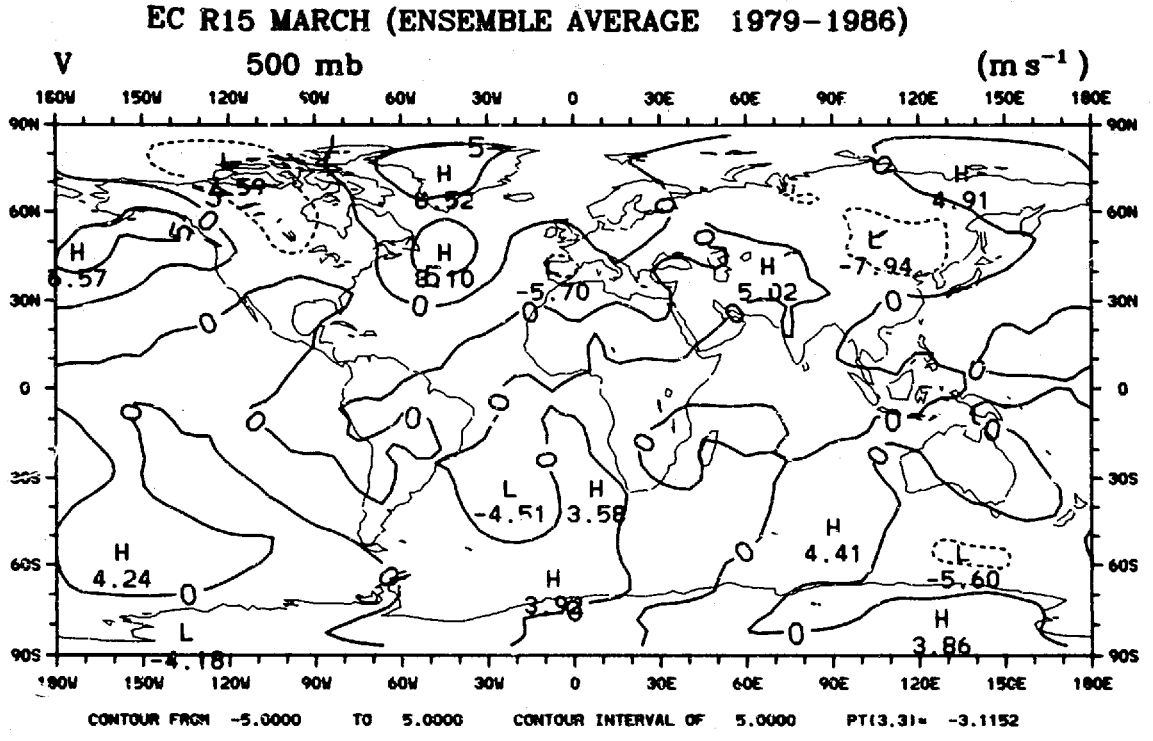



FRAME 1.9

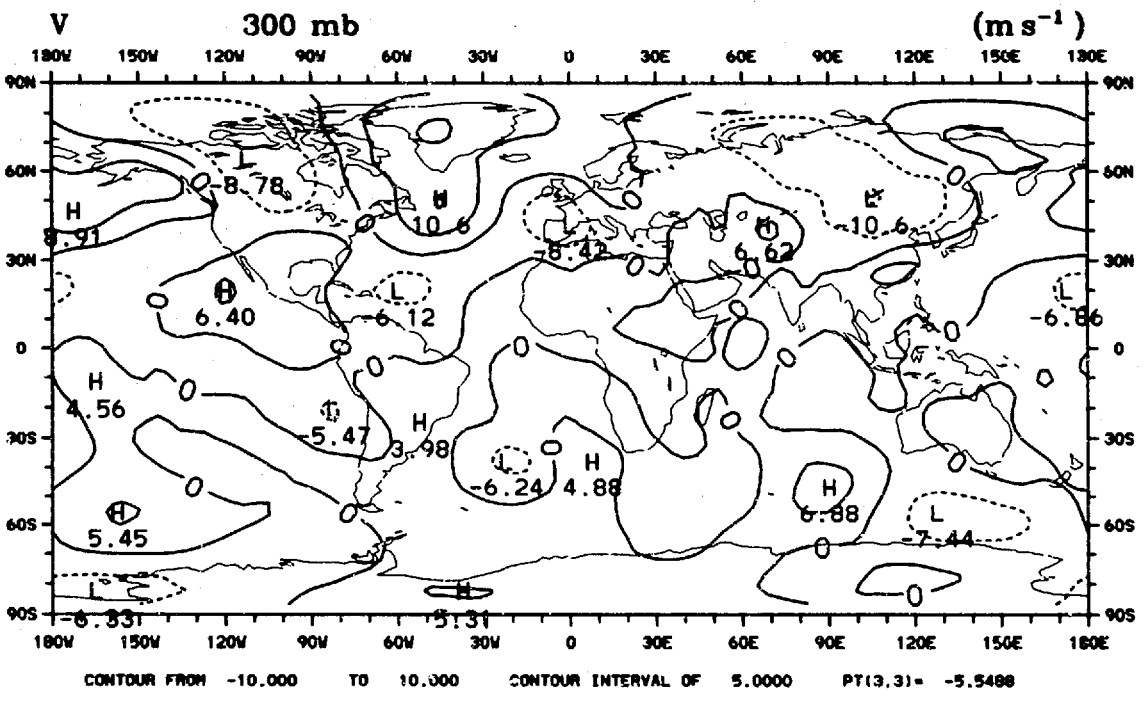
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.10

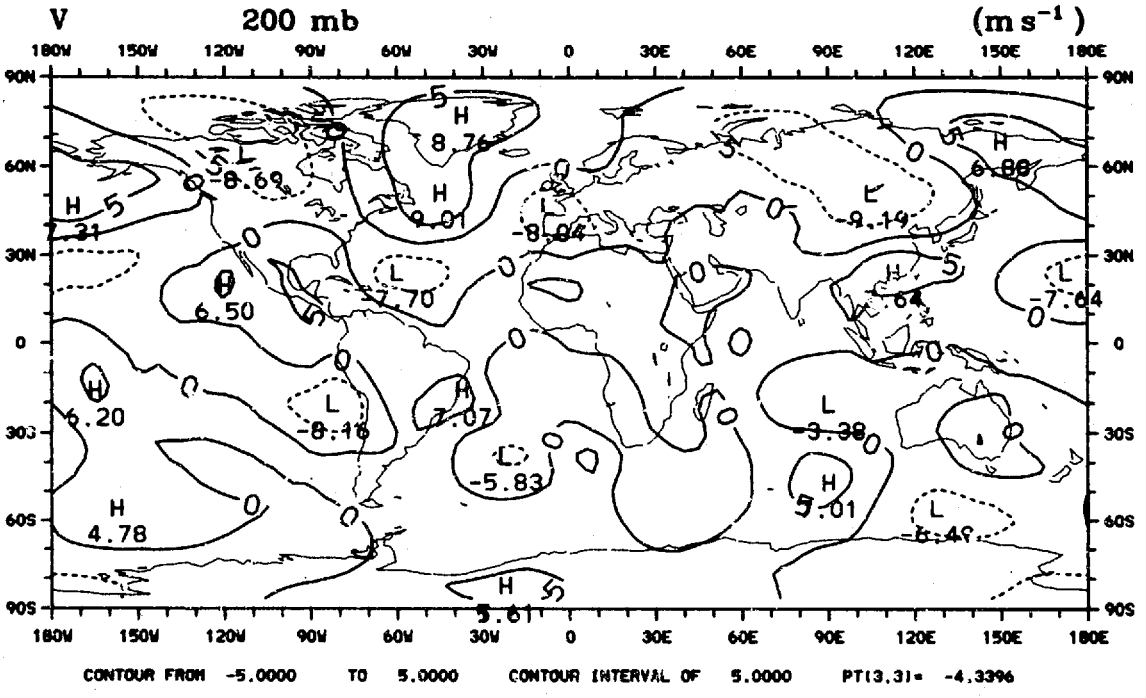

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
V
500 mb
(m s$^{-1}$)
160W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 6.57
5.59
H 6.52
H 5.10
-5.70
H 5.02
L -7.94
H 4.91
L -4.51
H 3.58
H 4.24
L -4.18
H 3.98
H 4.41
L -5.60
H 3.86
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -3.1152

FRAME 1.11


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
V
300 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-8.78
10.6
8.91
-8.42
6.62
-10.6
6.40
-6.12
-6.86
4.56
-5.47
3.98
-6.24
4.88
6.88
5.45
-7.44
-6.33
5.31
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -5.5488

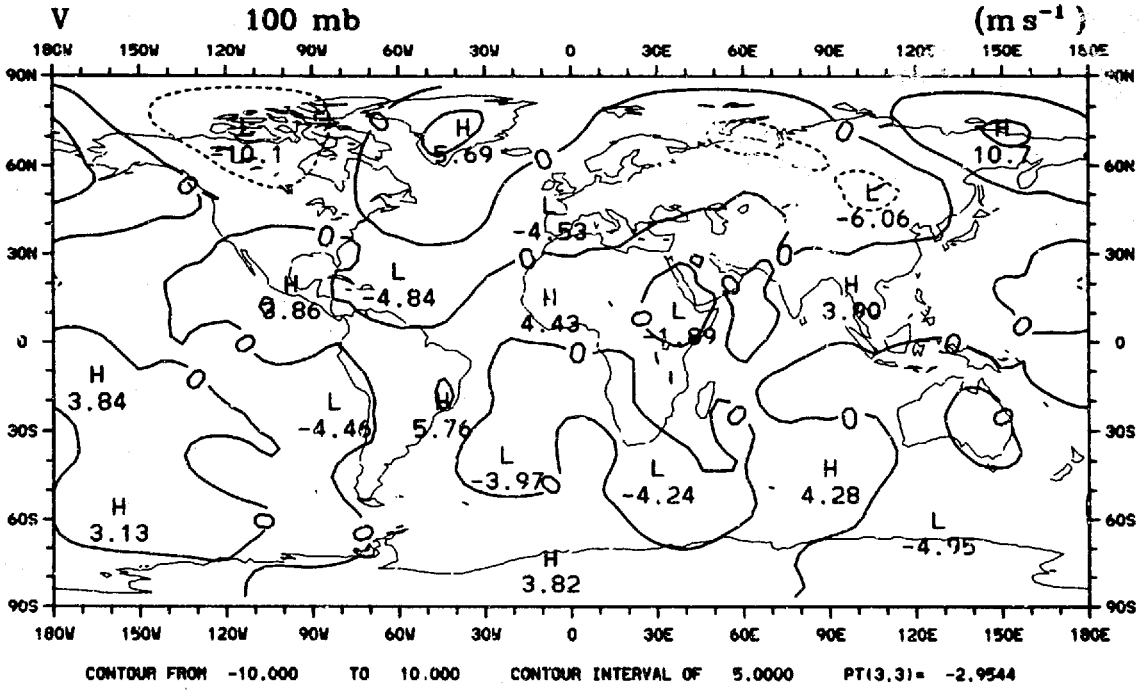
FRAME 1.12

## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



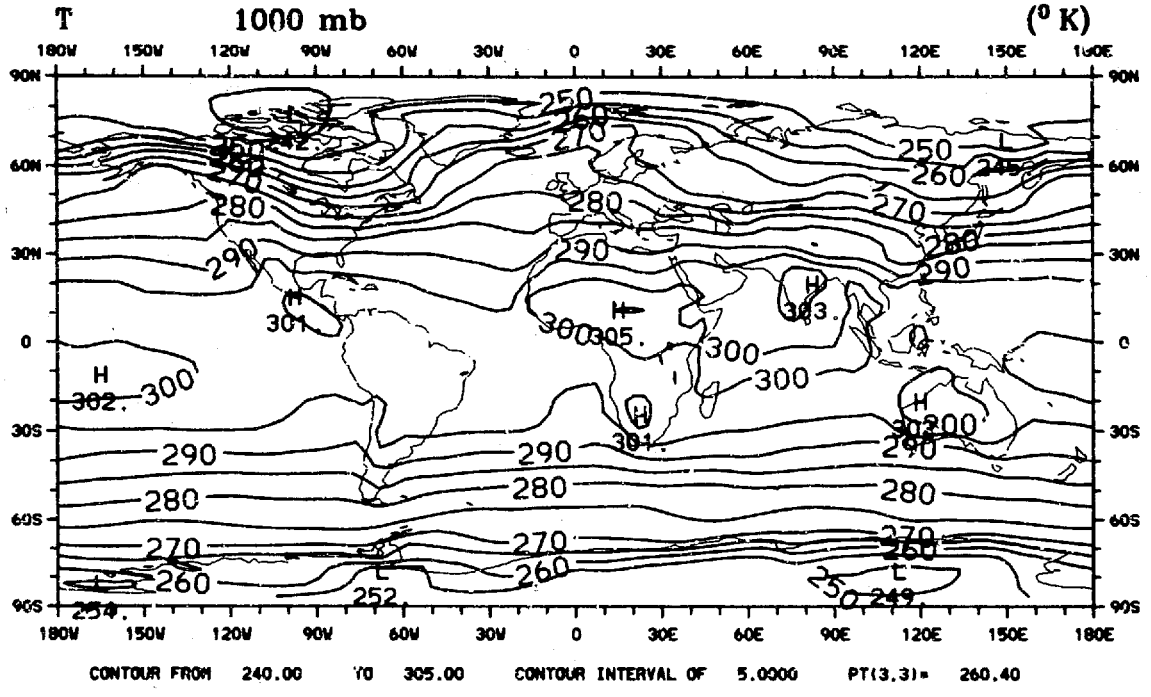

FRAME 1.13

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.14

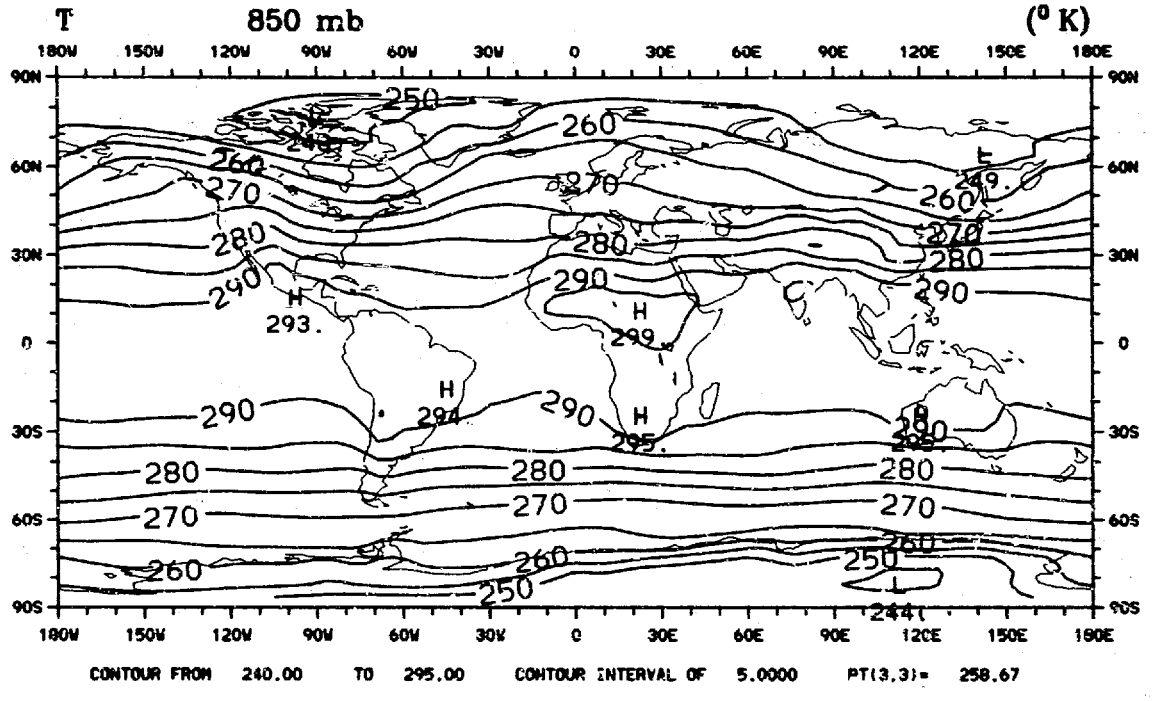
# EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 240.00 TO 305.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 260.40

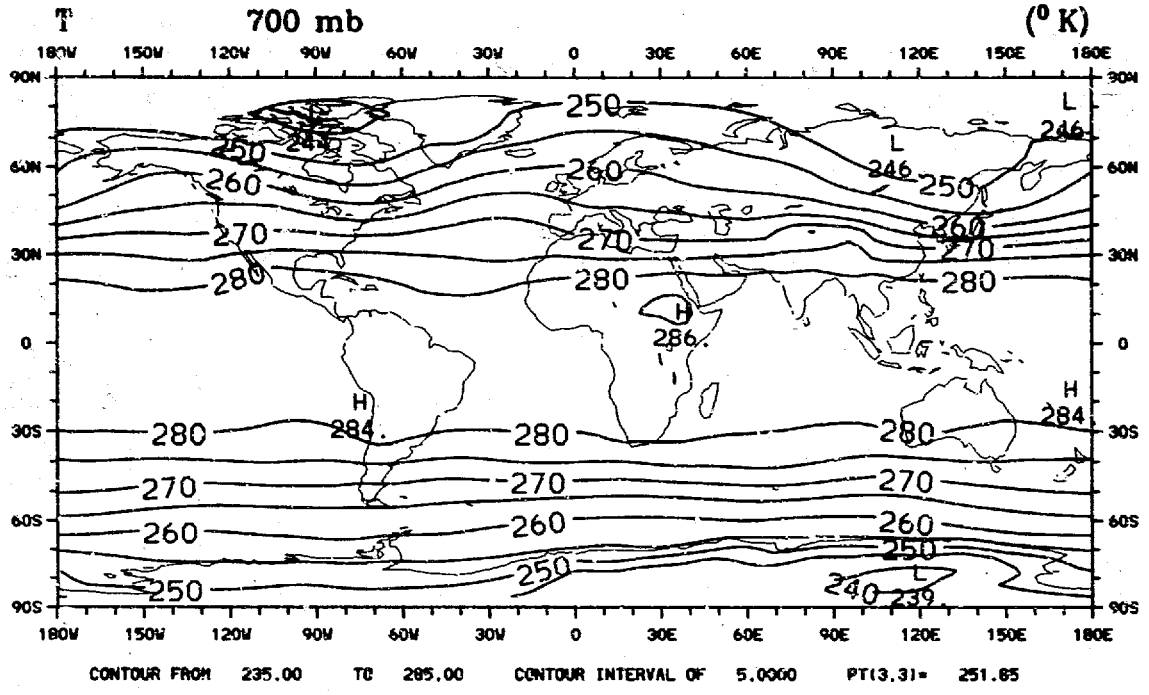
FRAME 1.15

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



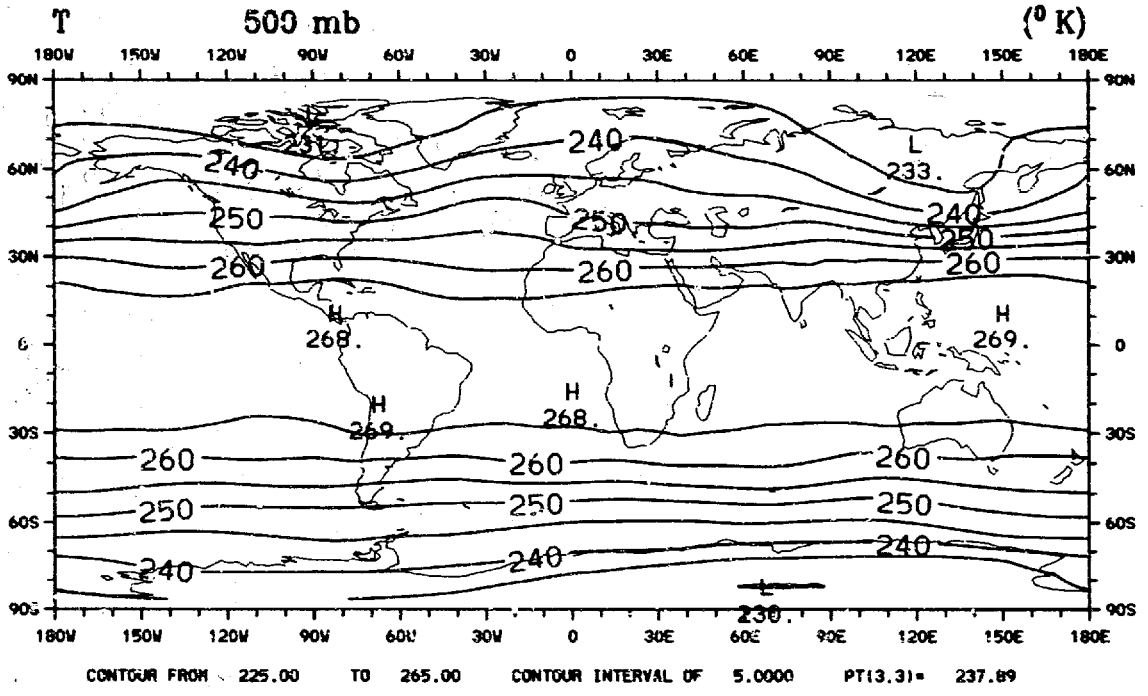

FRAME 1.16

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



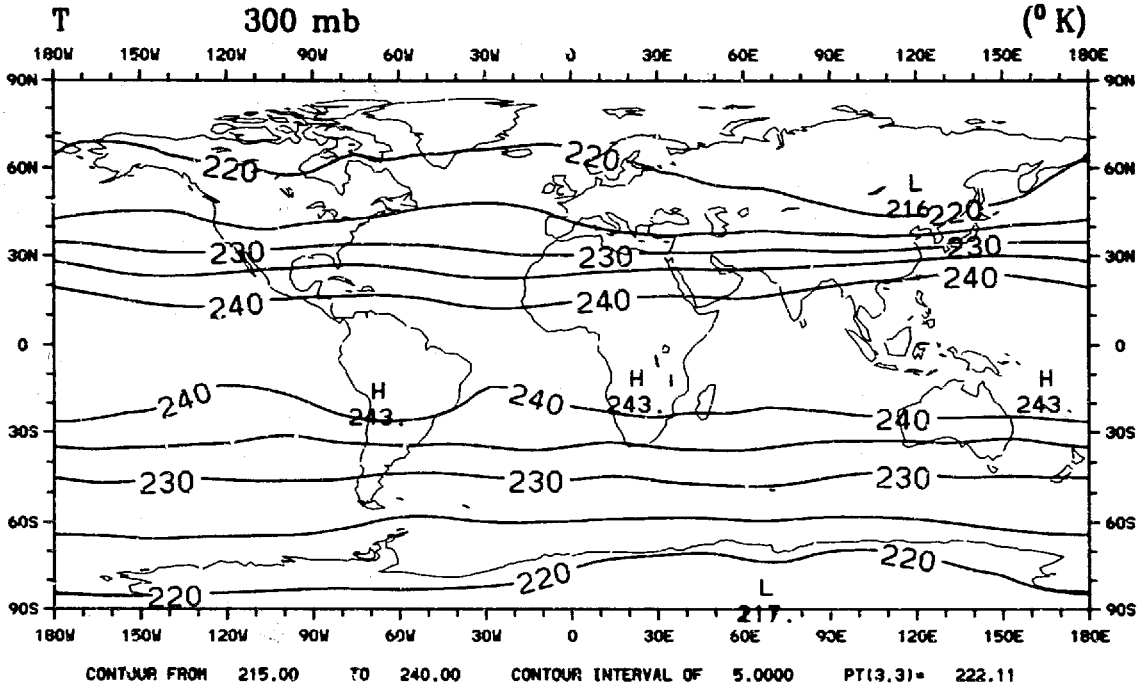

FRAME 1.17

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



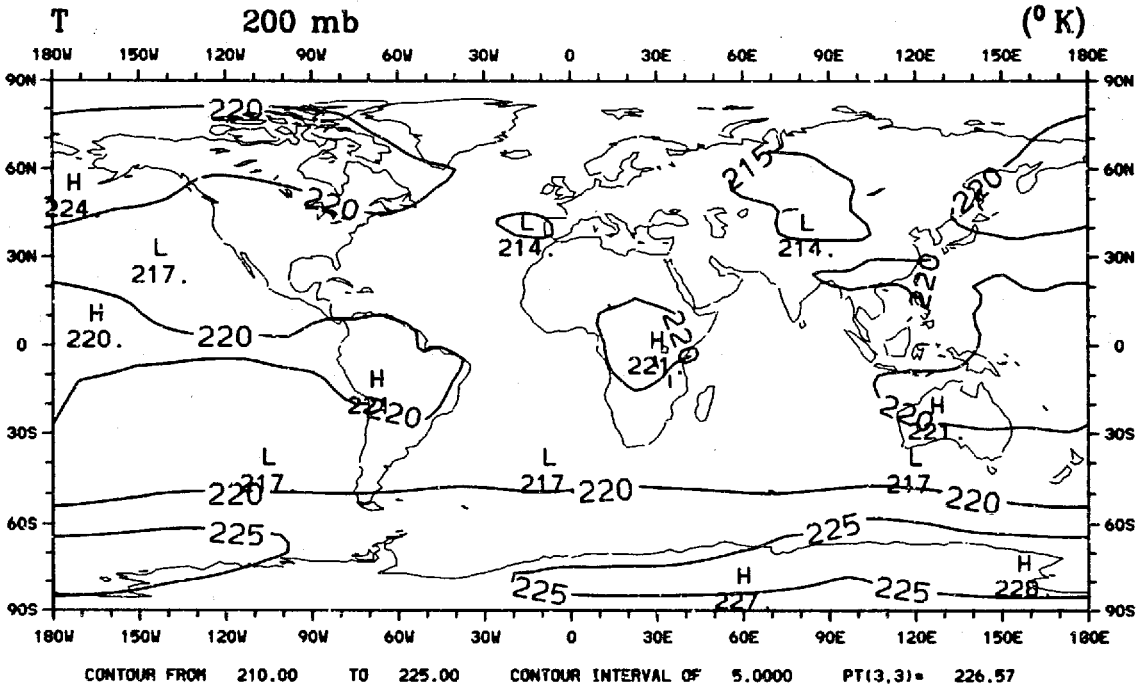

FRAME 1.18

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



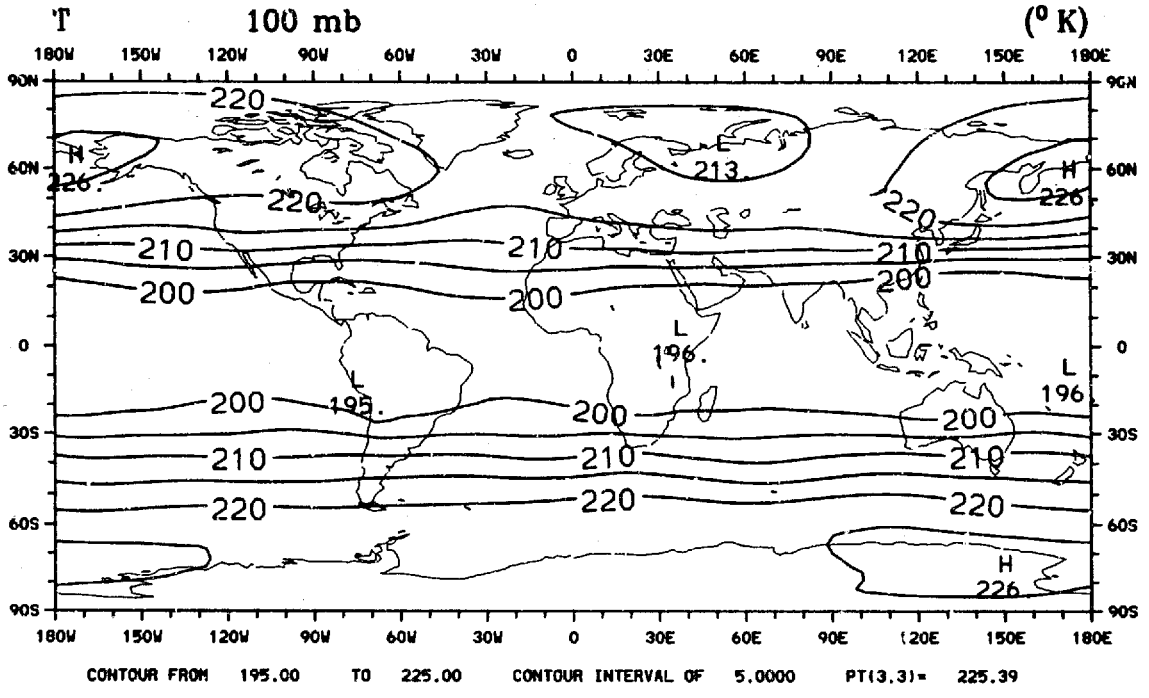

FRAME 1.19

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



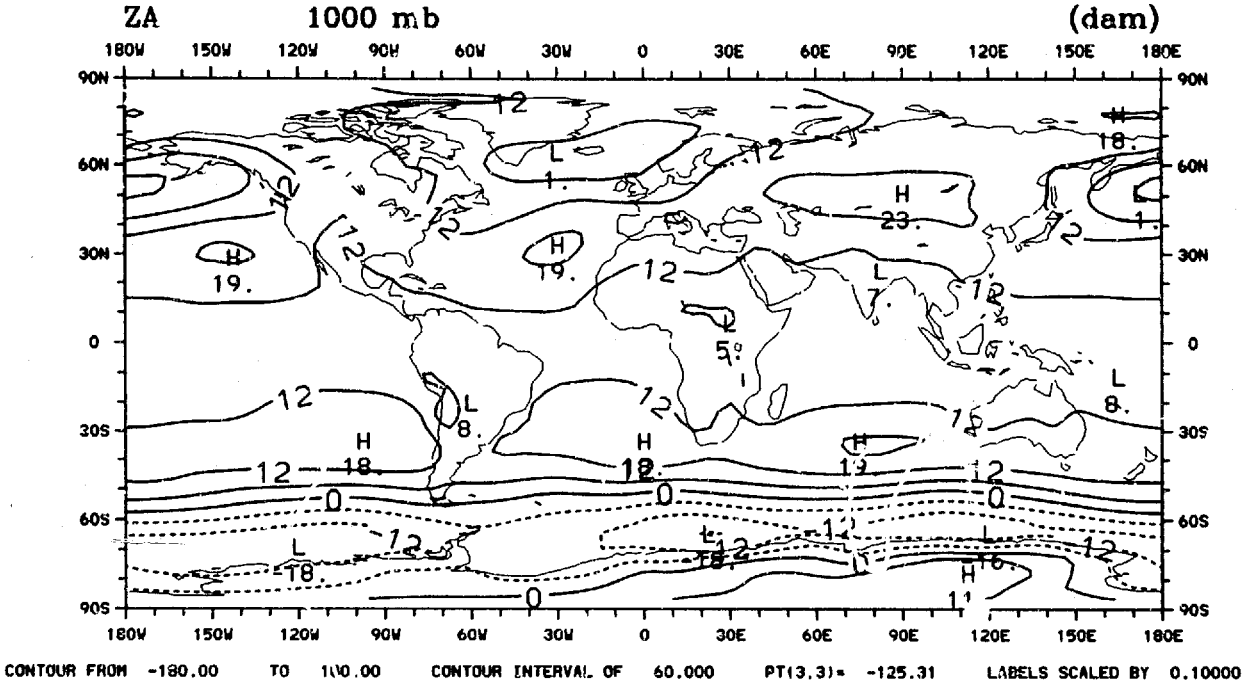

FRAME 1.20

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



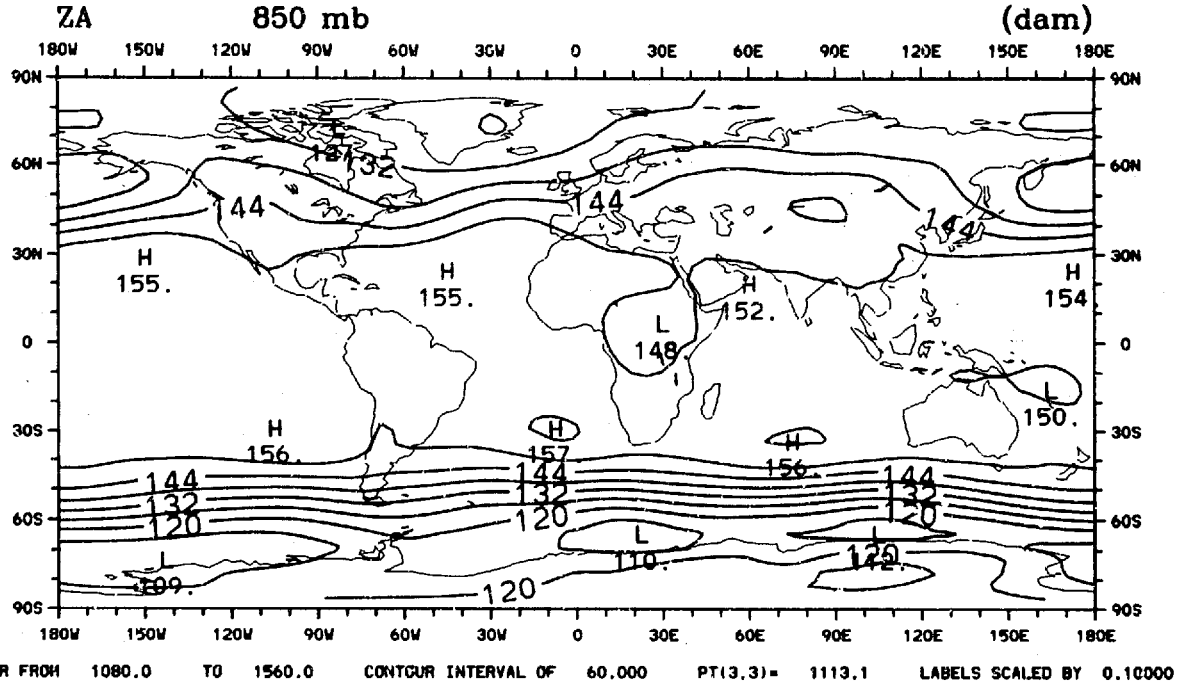

FRAME 1.21

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.22

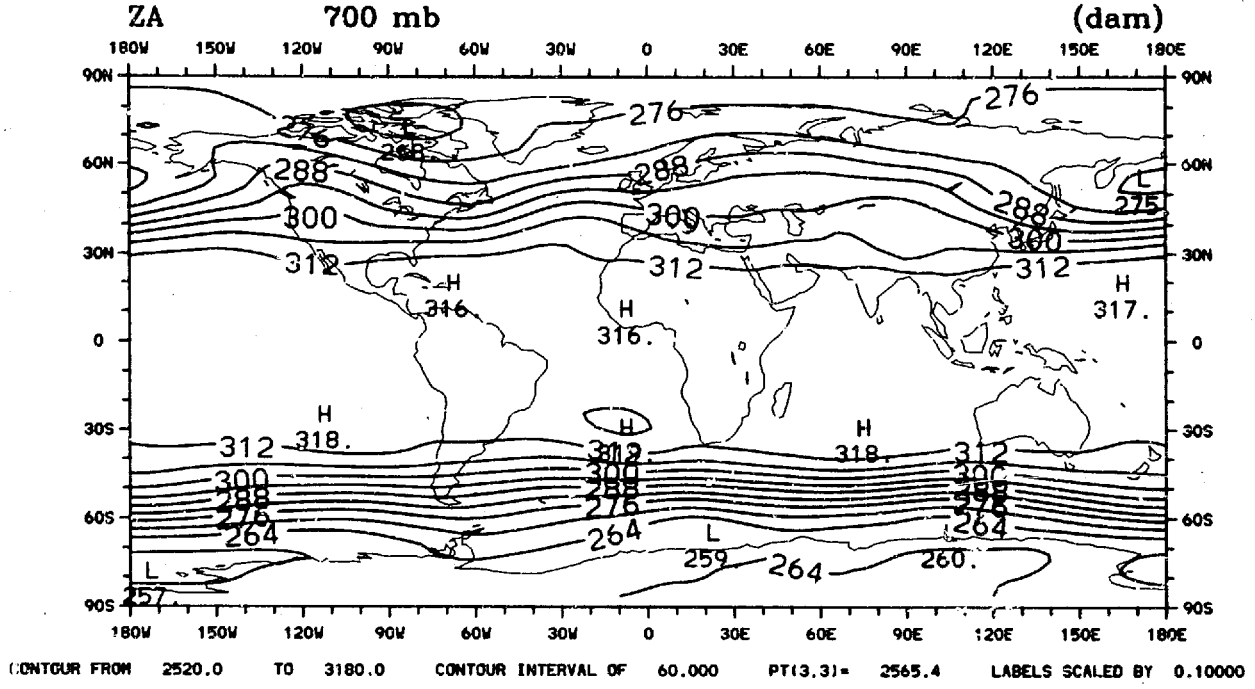
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 1080.0 TO 1560.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 1113.1 LABELS SCALED BY 0.10000

FRAME 1.23

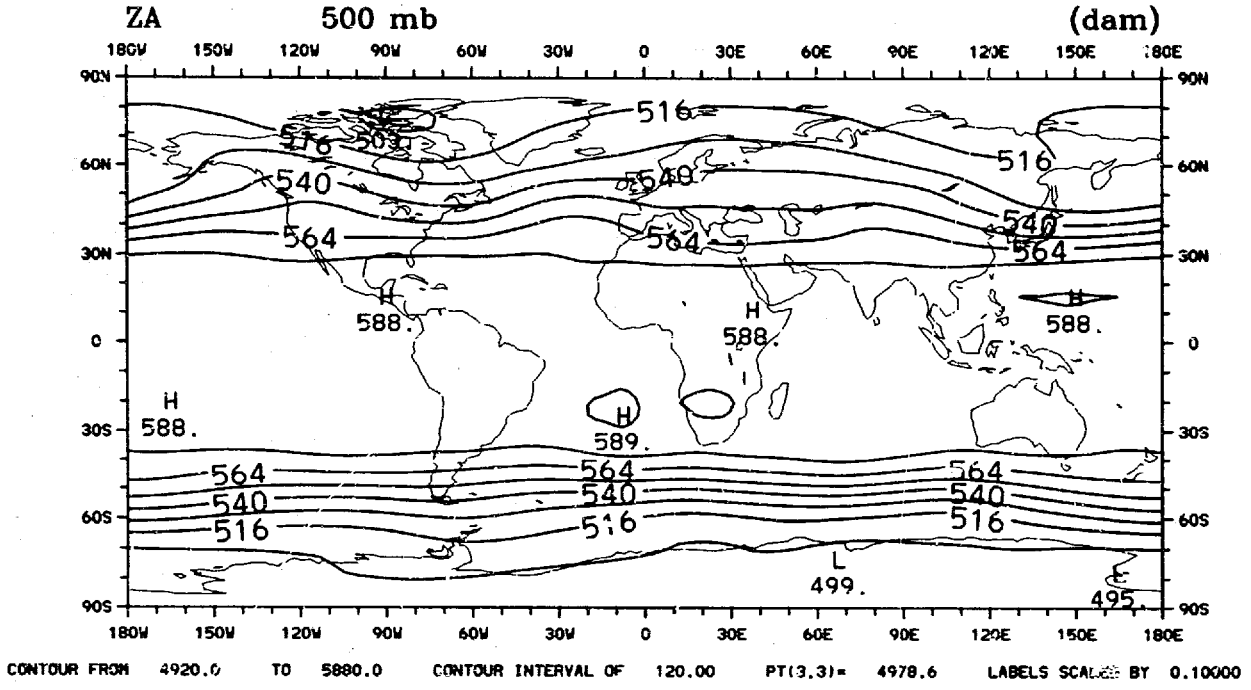
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 2520.0 TO 3180.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 2565.4 LABELS SCALED BY 0.10000

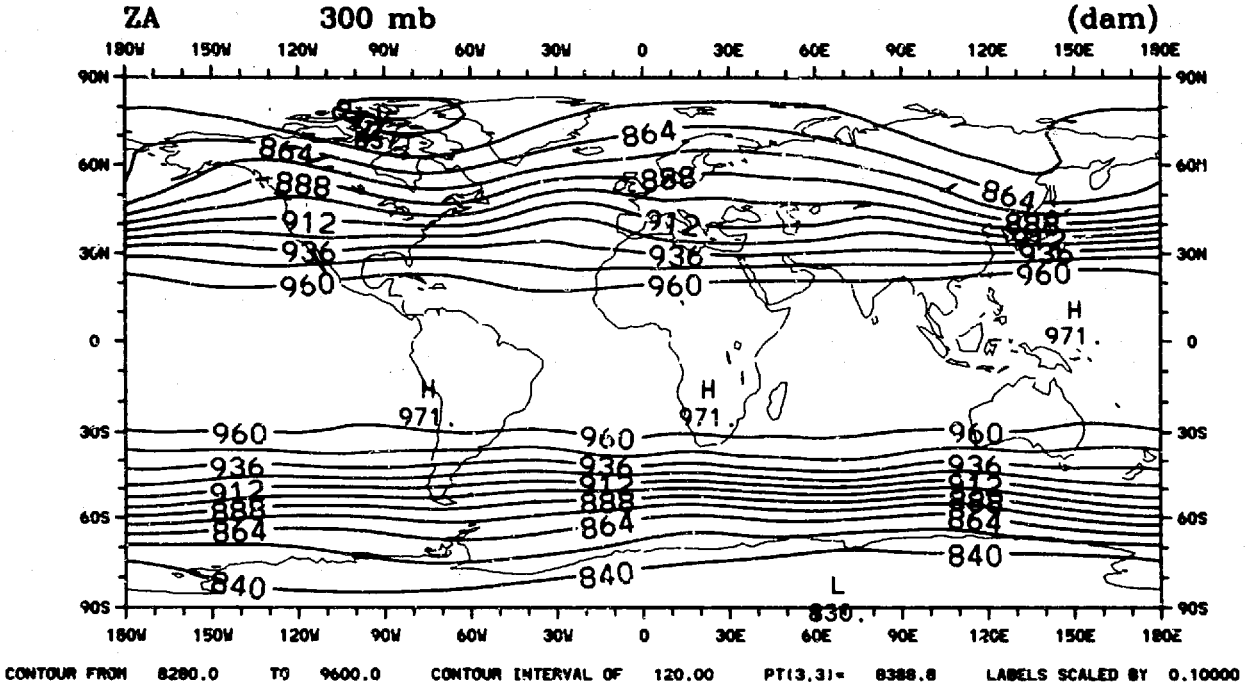
FRAME 1.24

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



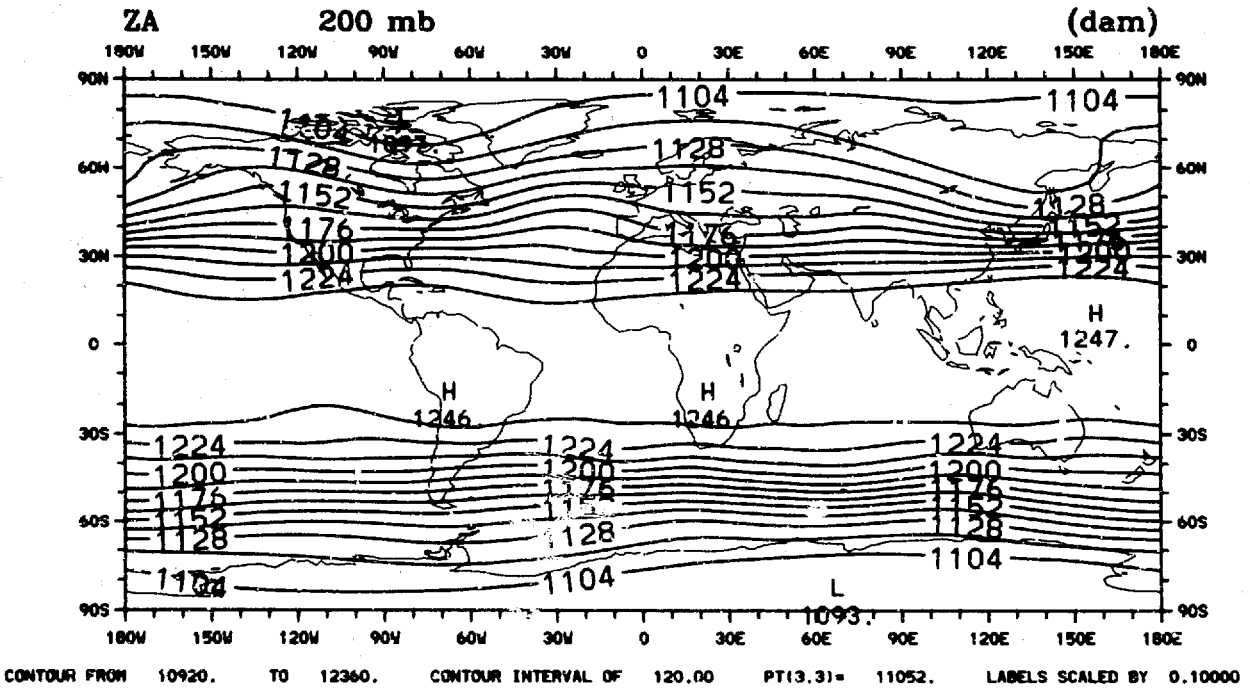

FRAME 1.25

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



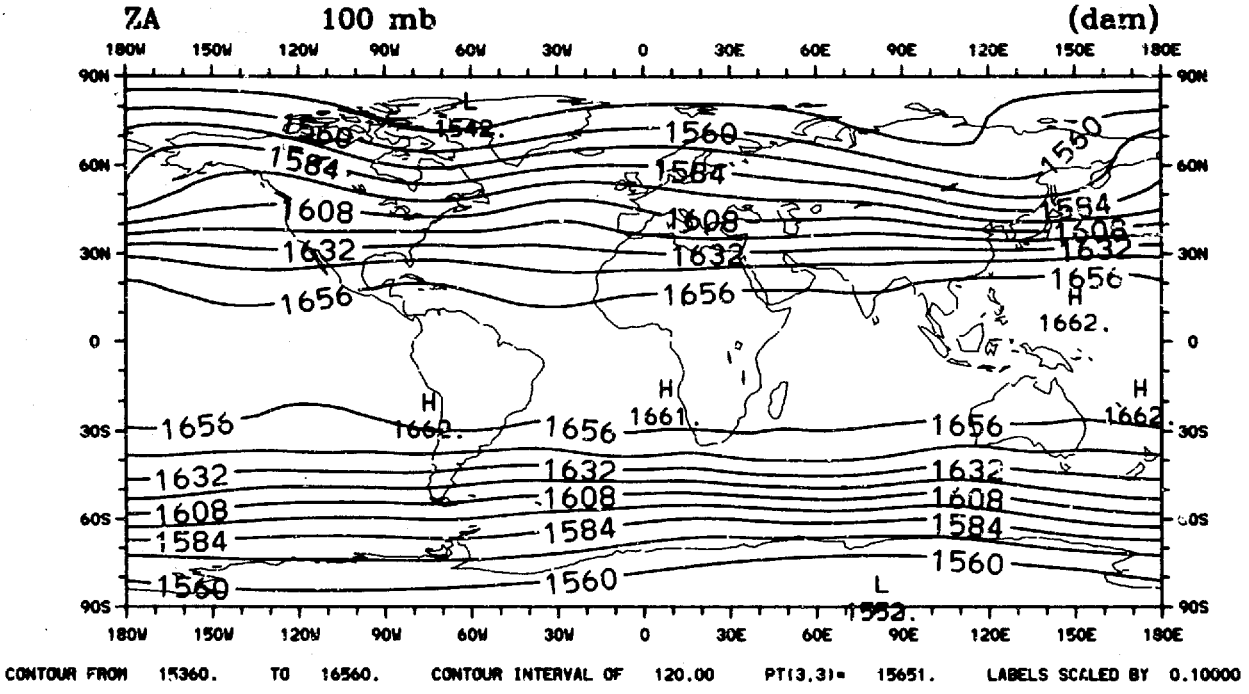

FRAME 1.26

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.27

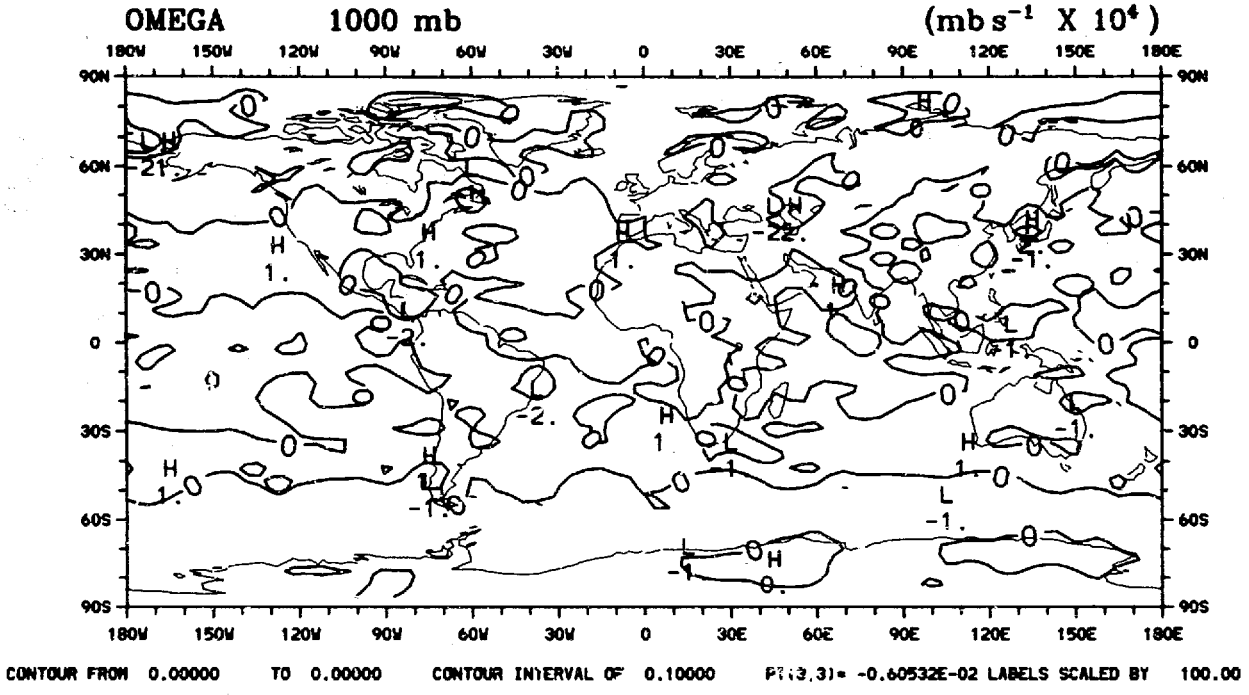
## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 15360. TO 16560. CONTOUR INTERVAL OF 120.00 PT(3,3)= 15651. LABELS SCALED BY 0.10000

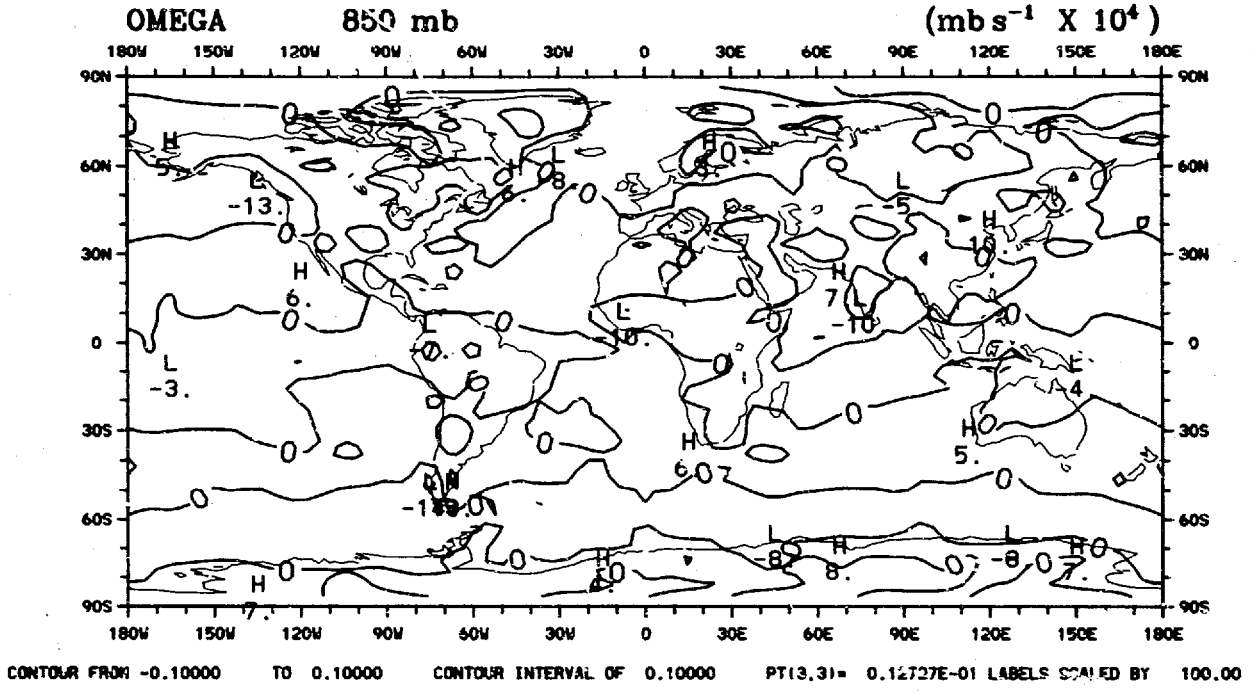
FRAME 1.28

## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



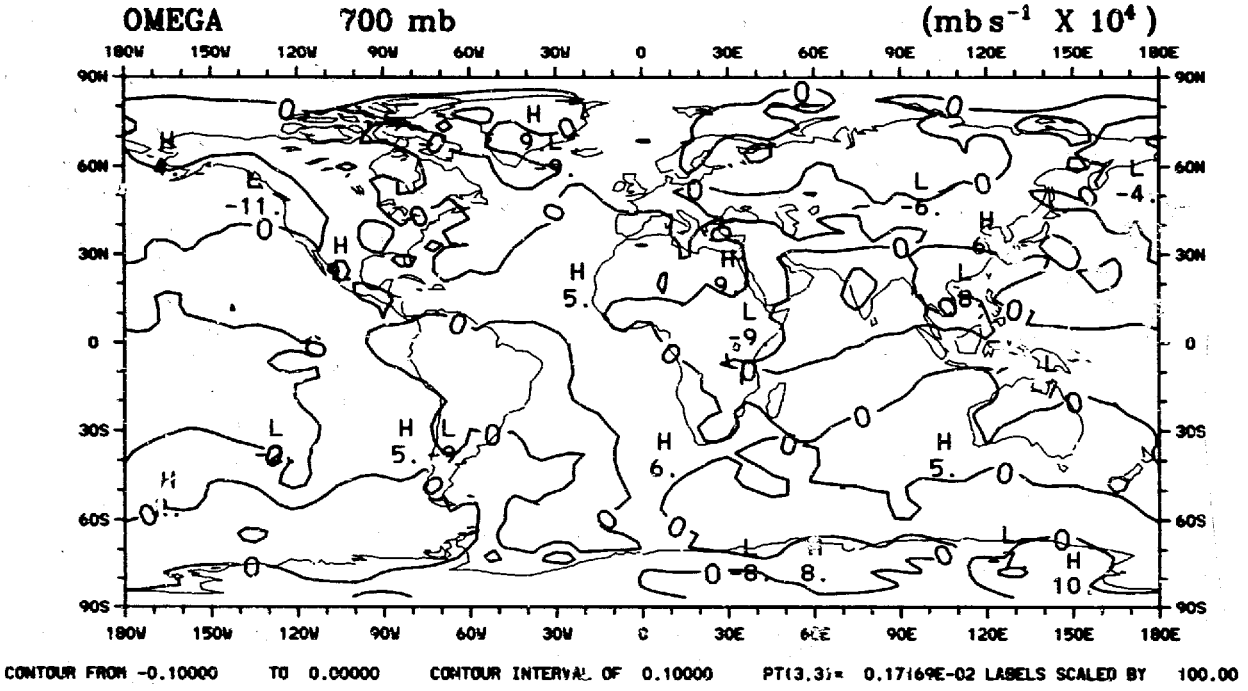

FRAME 1.29

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



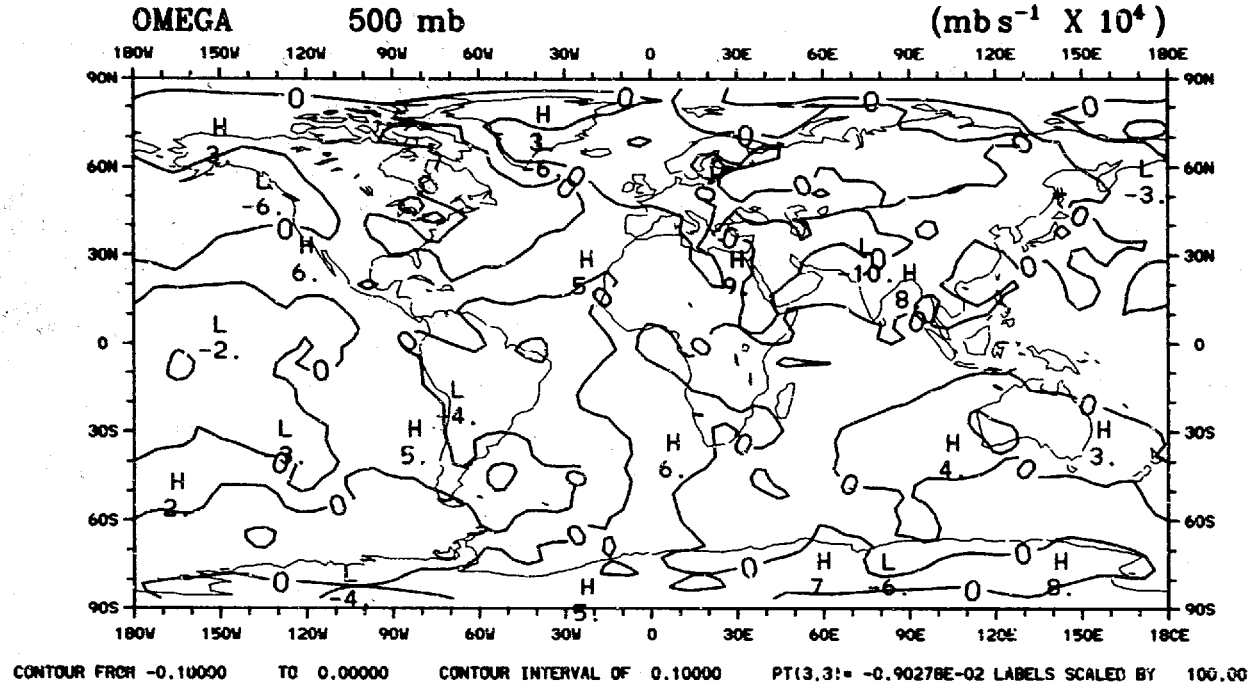

FRAME 1.30

## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



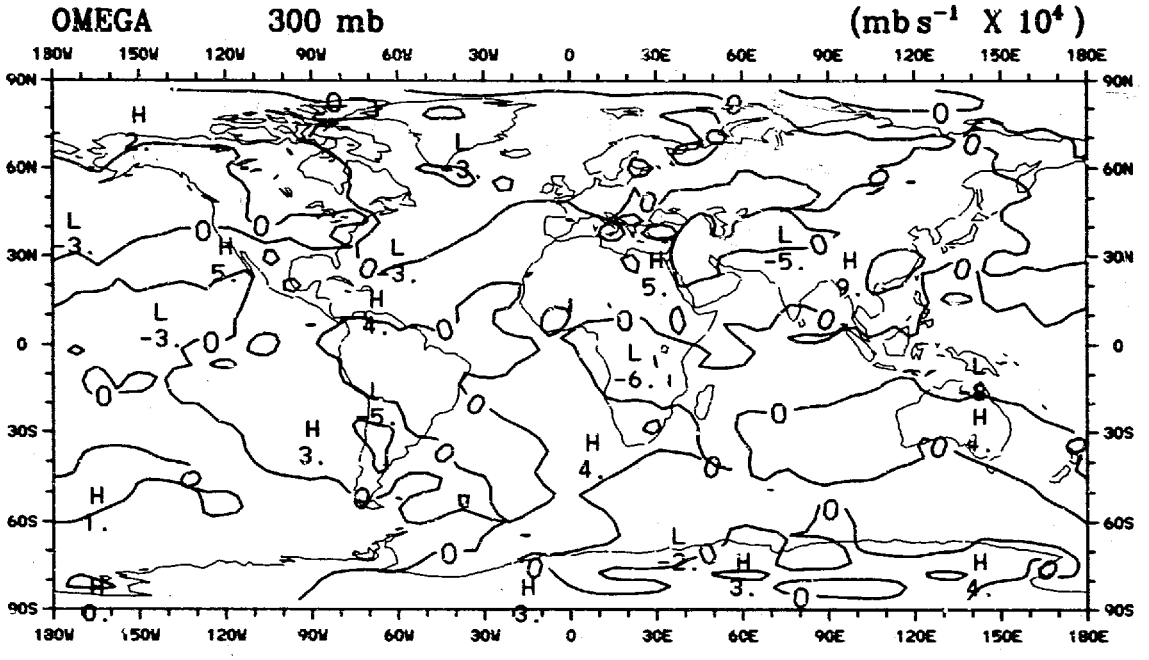

FRAME 1.31

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.32

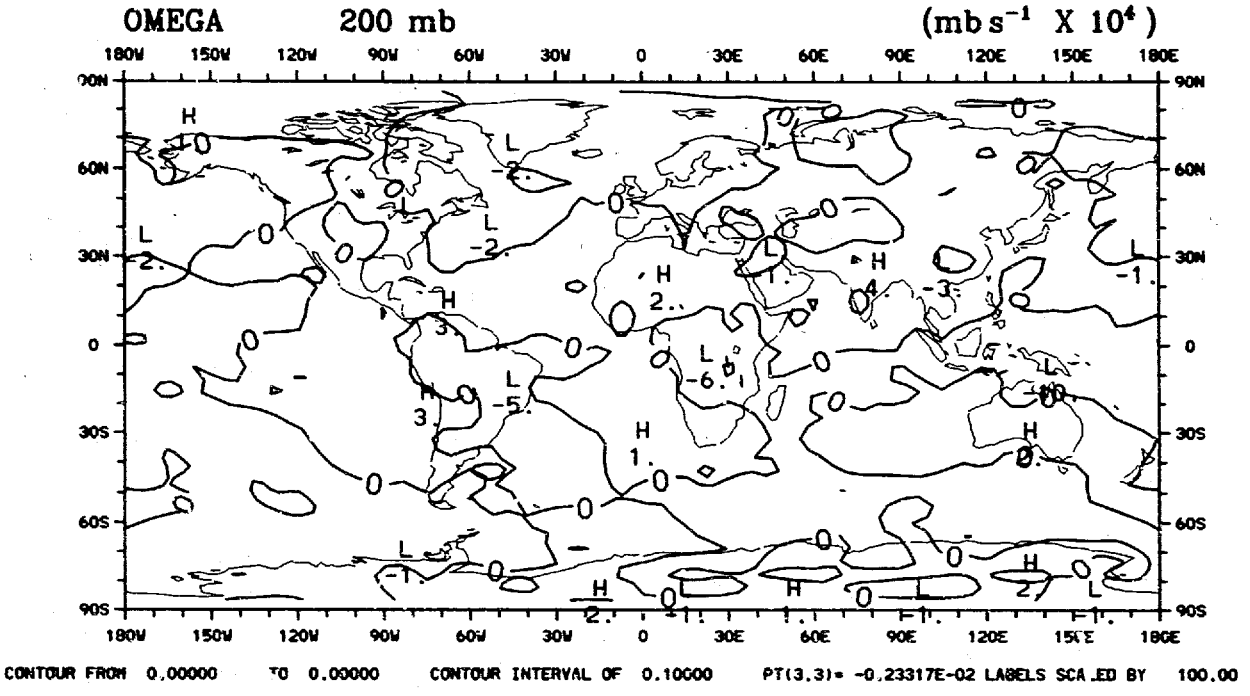
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.28315E-02 LABELS SCALED BY 100.00

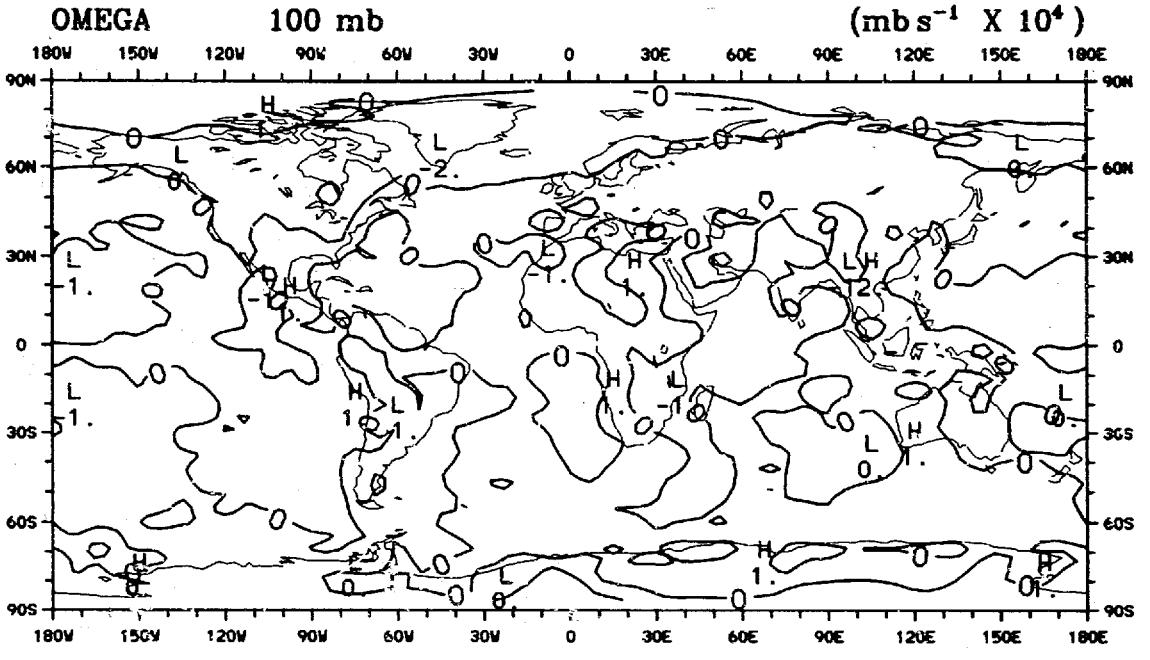
FRAME 1.33

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



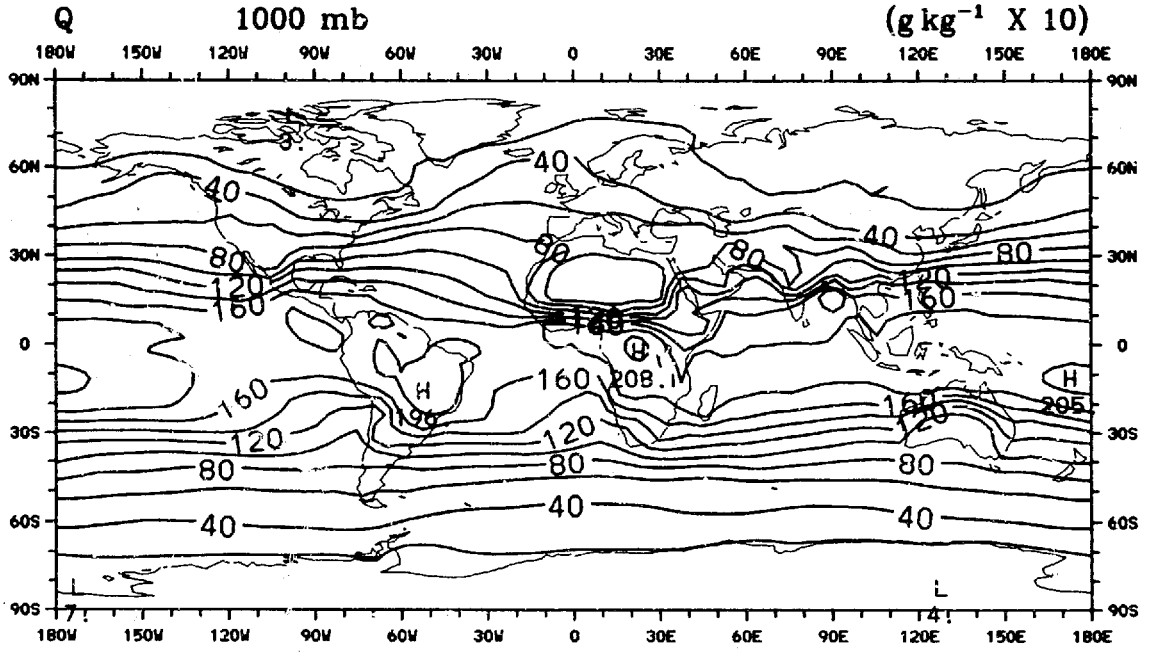

FRAME 1.34

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.35

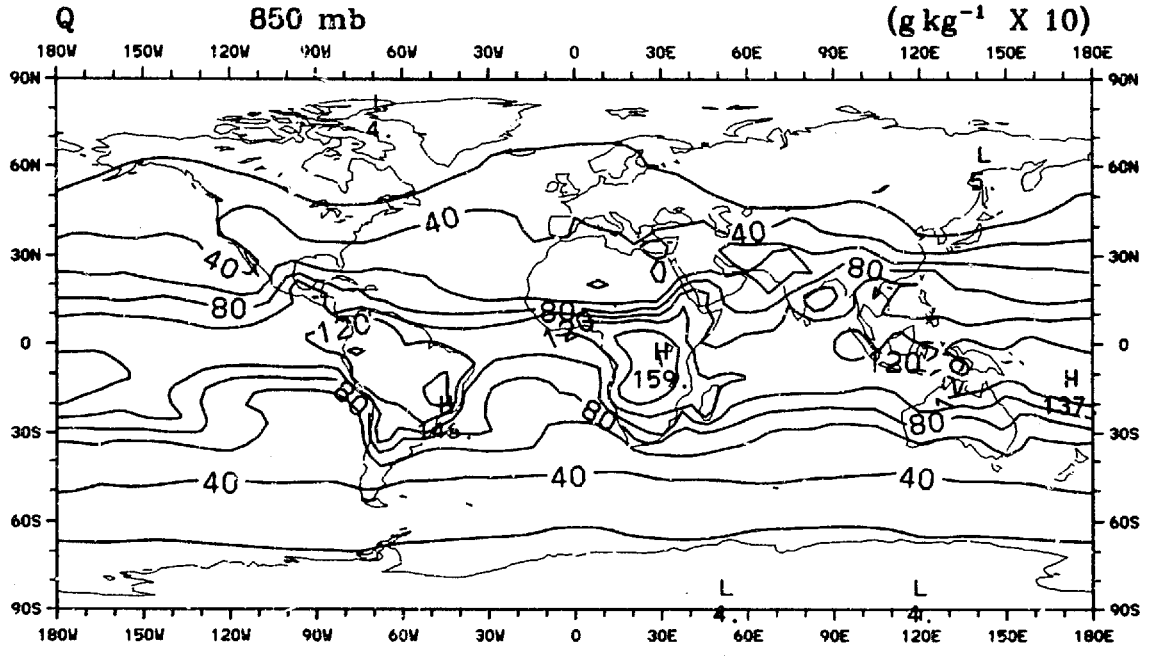
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.11631E-02 LABELS SCALED BY 10000.

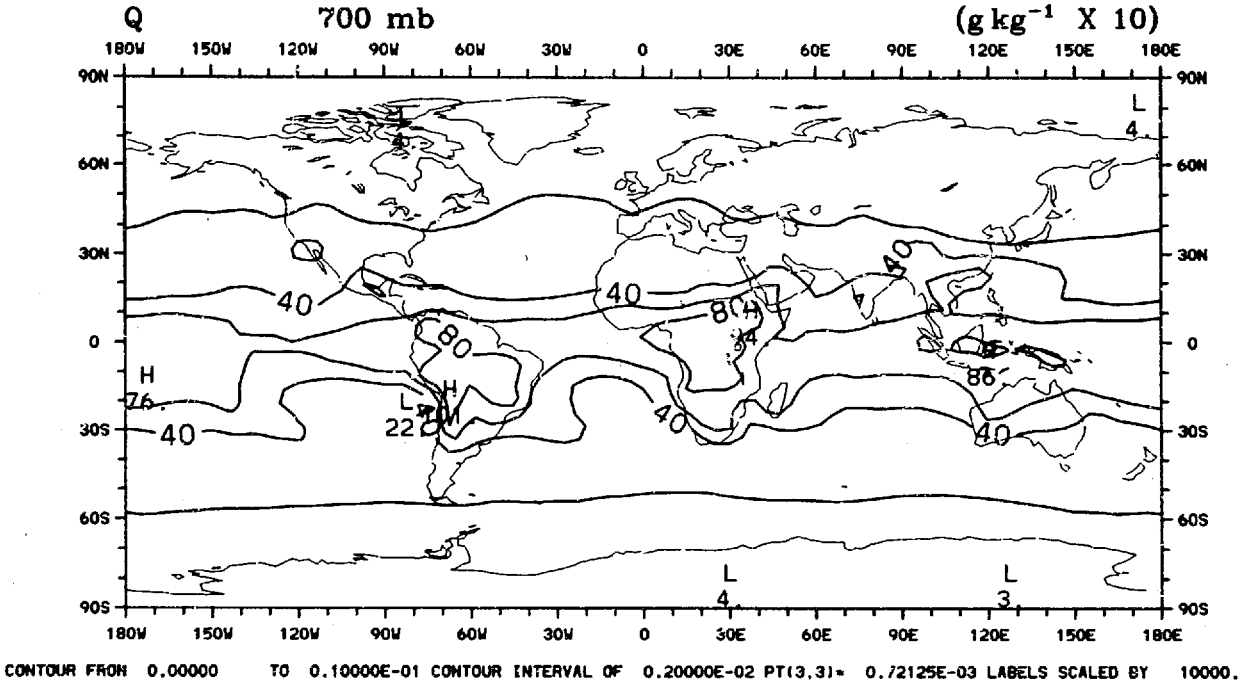
FRAME 1.36

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

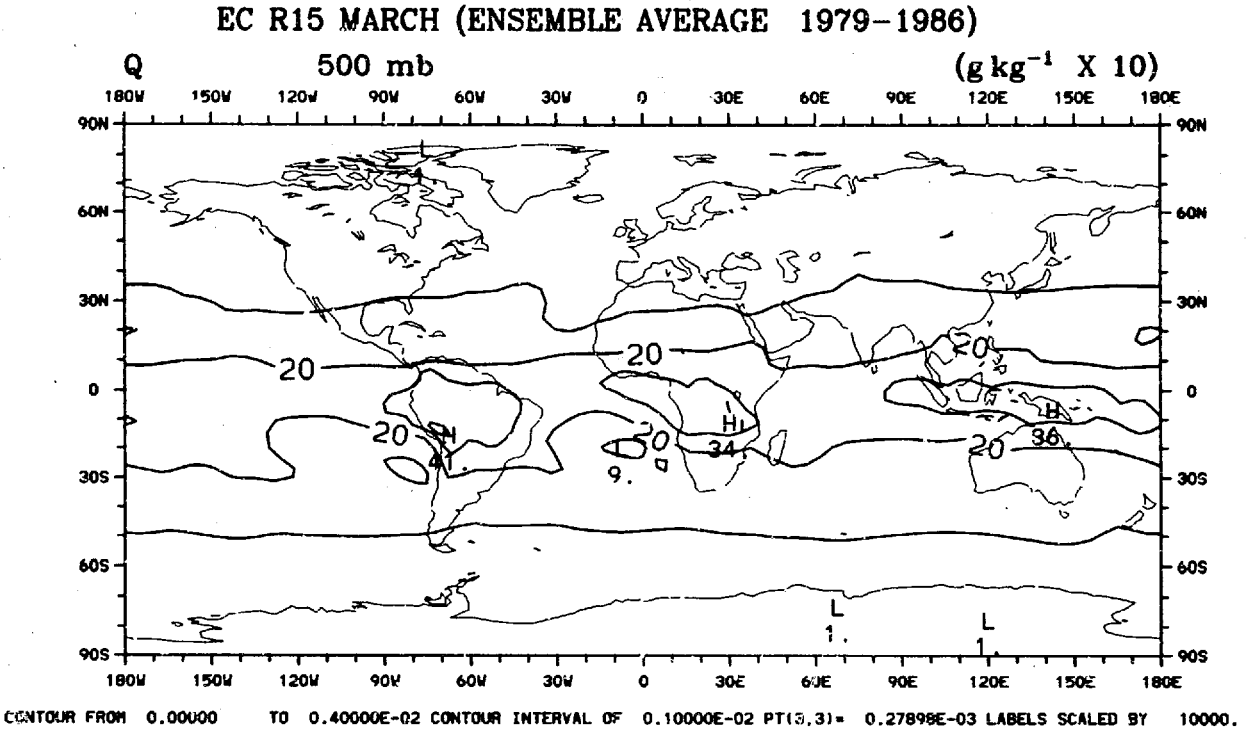



CONTOUR FROM 0.00000 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.10256E-02 LABELS SCALED BY 10000.

FRAME 1.37

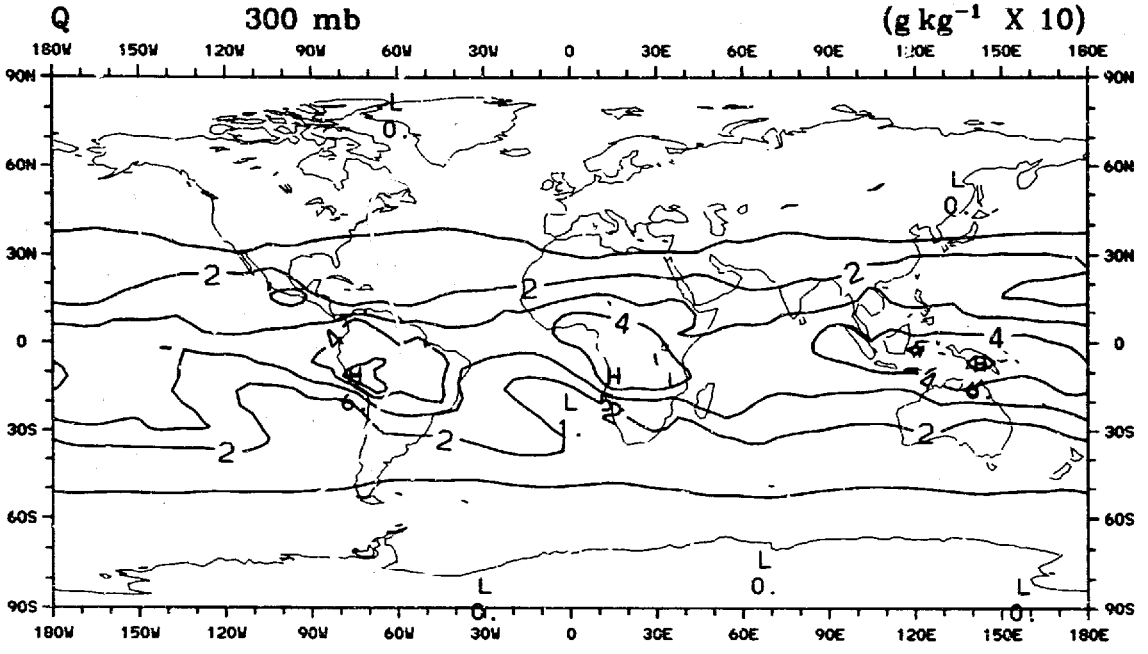

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
Q
700 mb
(g kg$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
40
80
H
L
CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.72125E-03 LABELS SCALED BY 10000.

FRAME 1.38


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
Q
500 mb
(g kg$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
20
20
20
20
20
20
H
H
L
L
CONTOUR FROM 0.00000 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(5,3)= 0.27898E-03 LABELS SCALED BY 10000.

FRAME 1.39

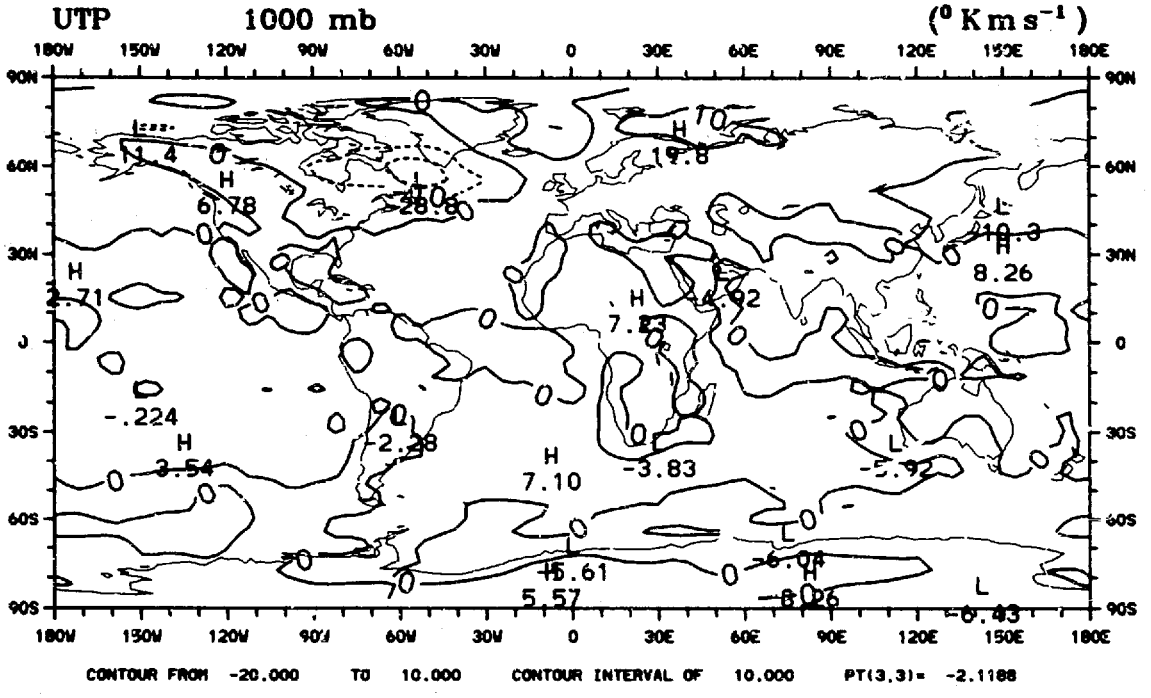
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.60000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.31422E-04 LABELS SCALED BY 10000.

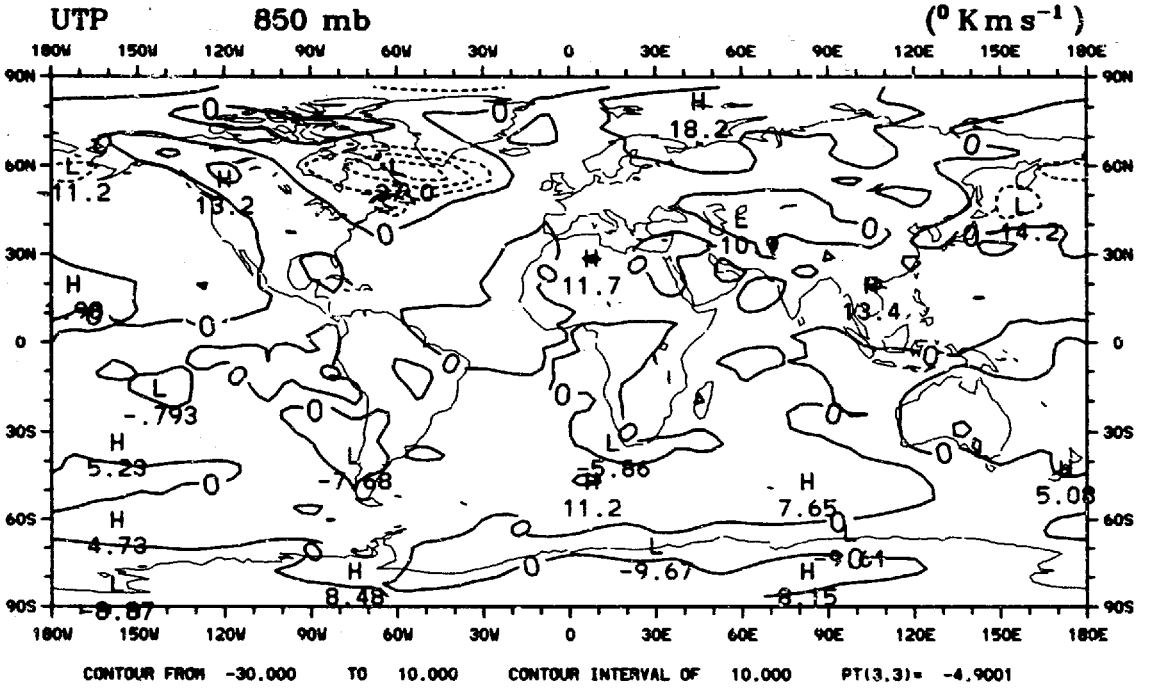
FRAME 1.40

## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

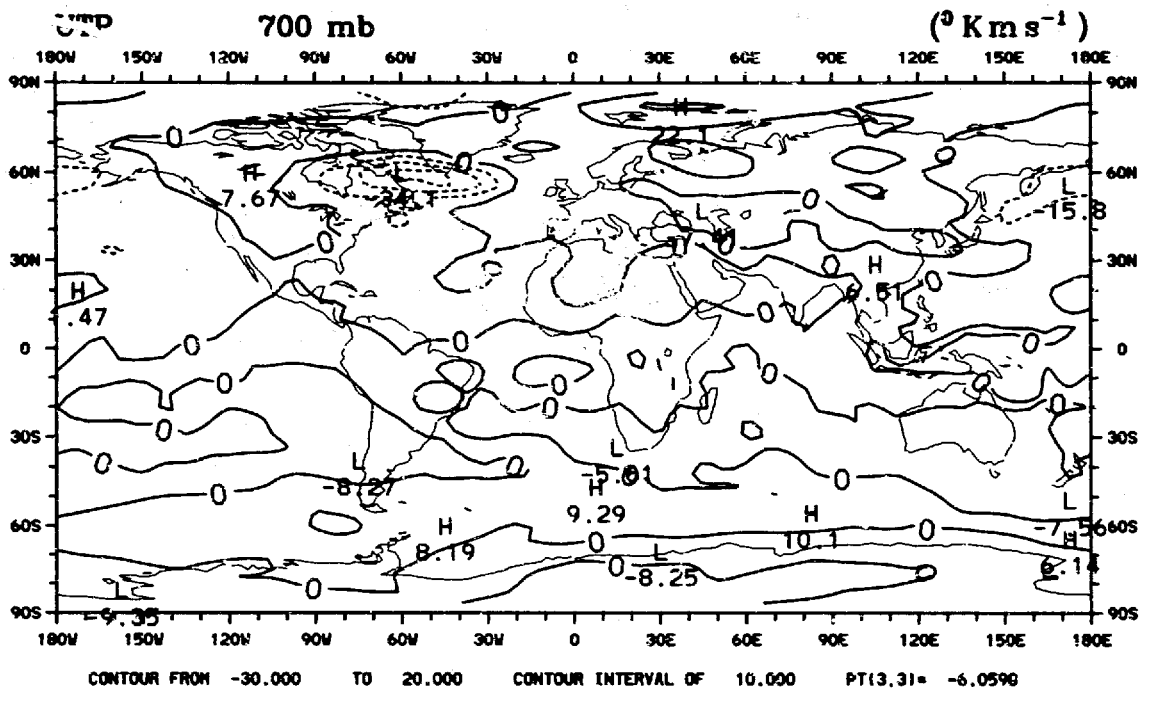



FRAME 1.41

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

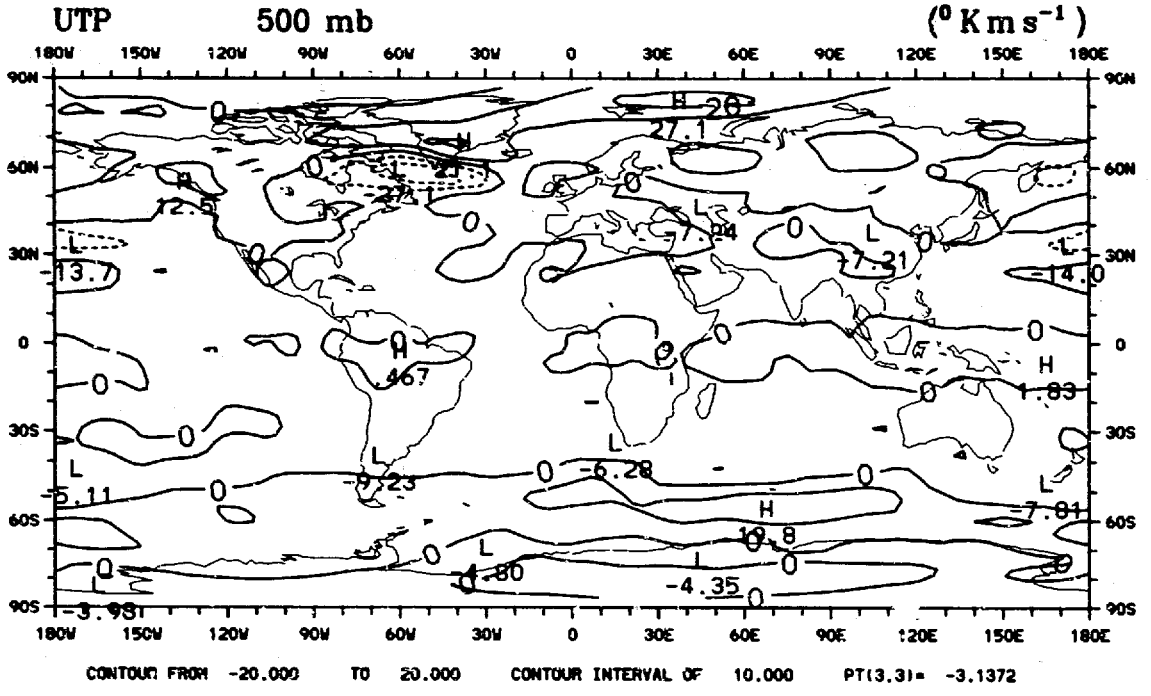



FRAME 1.42


EC R15 MARCH (ENSEMBLE / ERAGE 1979-1986)
700 mb
(° K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -30.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -6.0590

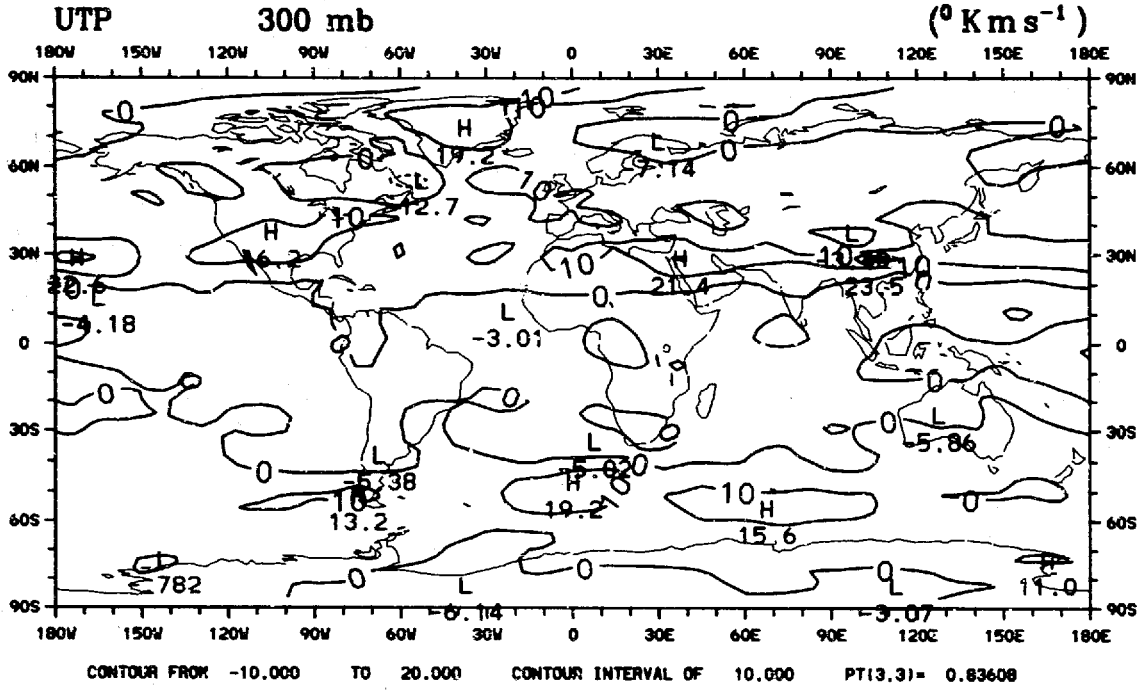
FRAME 1.43

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



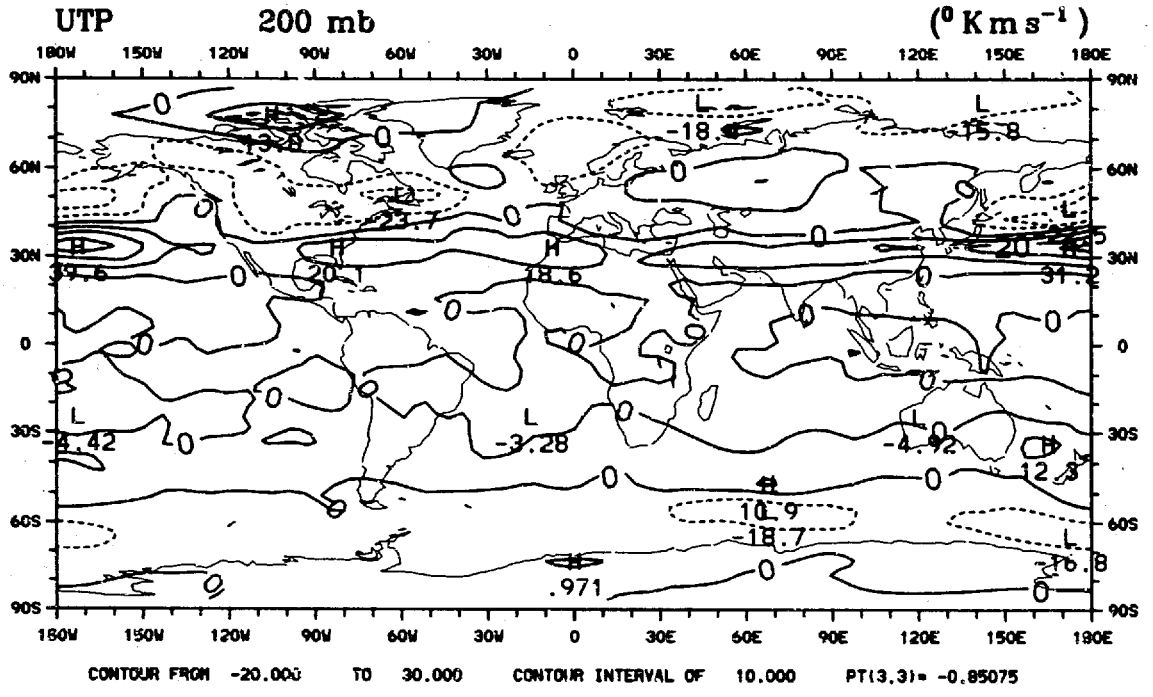

FRAME 1.44

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



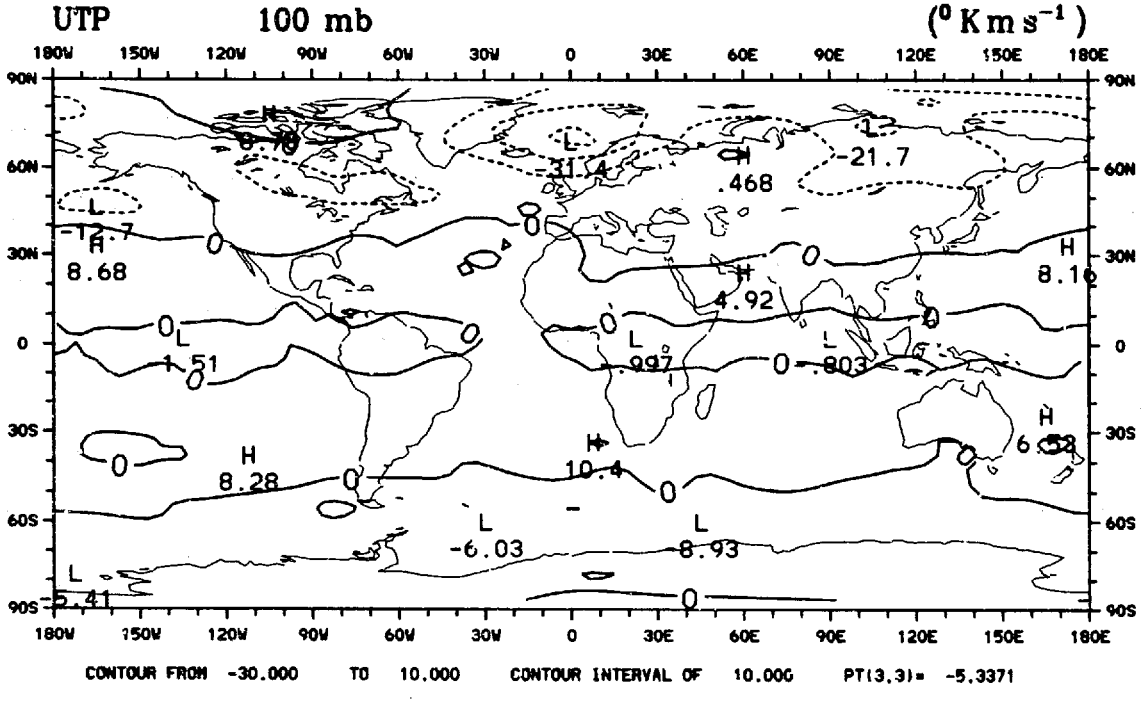

FRAME 1.45

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



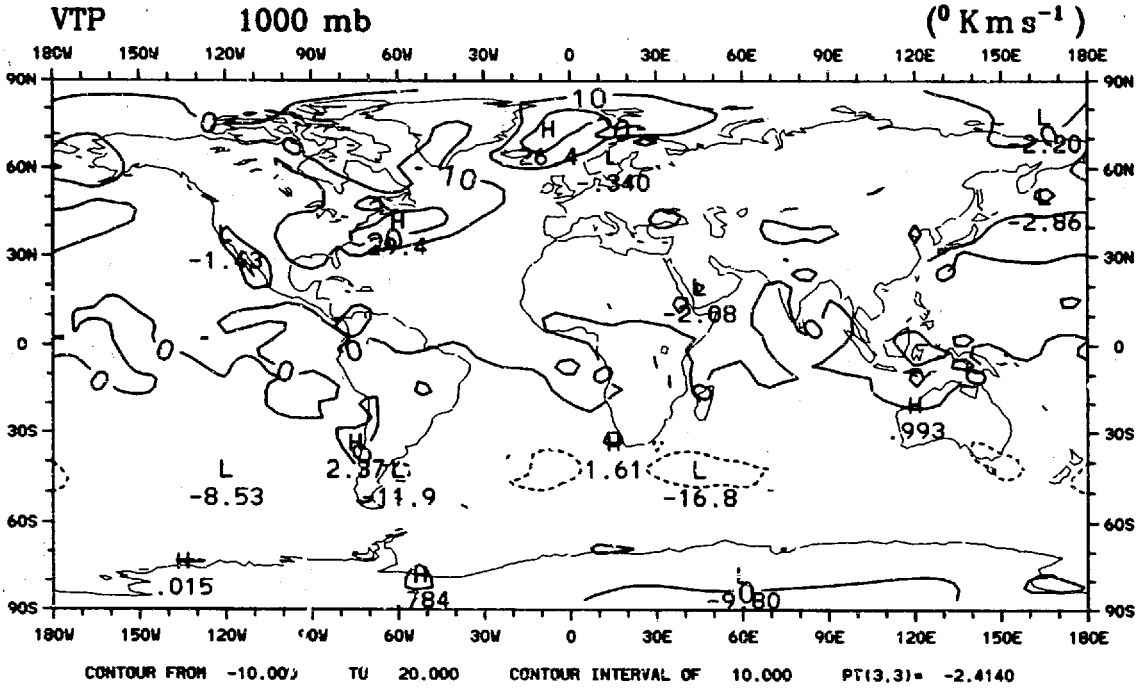

FRAME 1.46

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



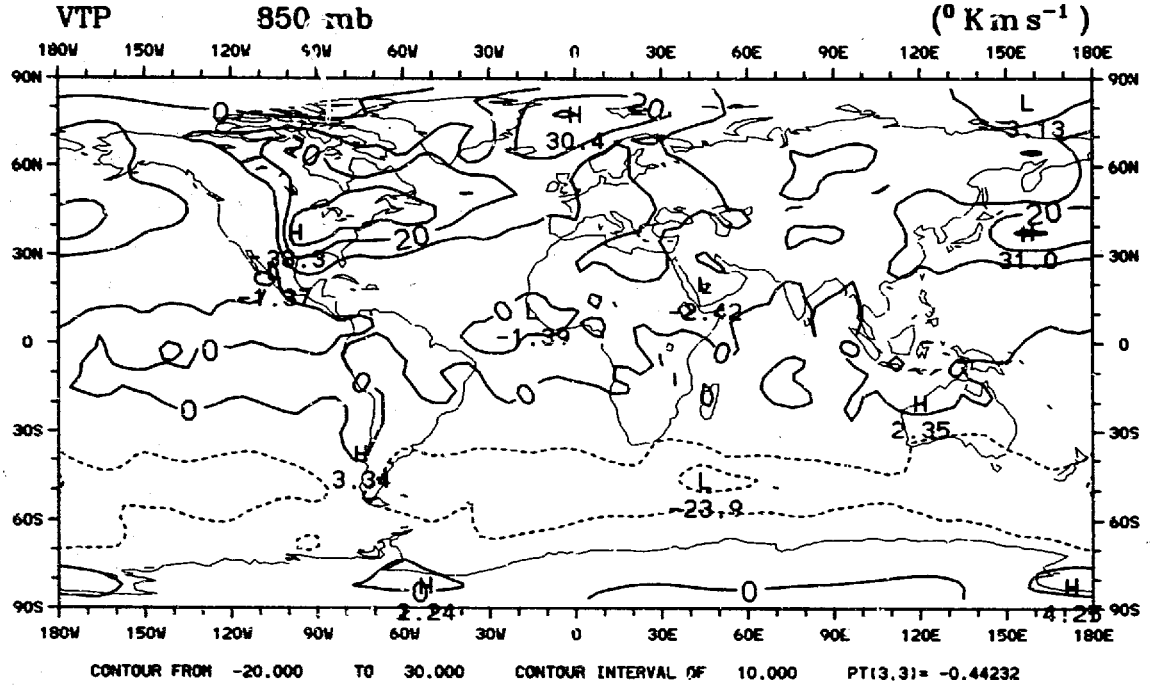

FRAME 1.47

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



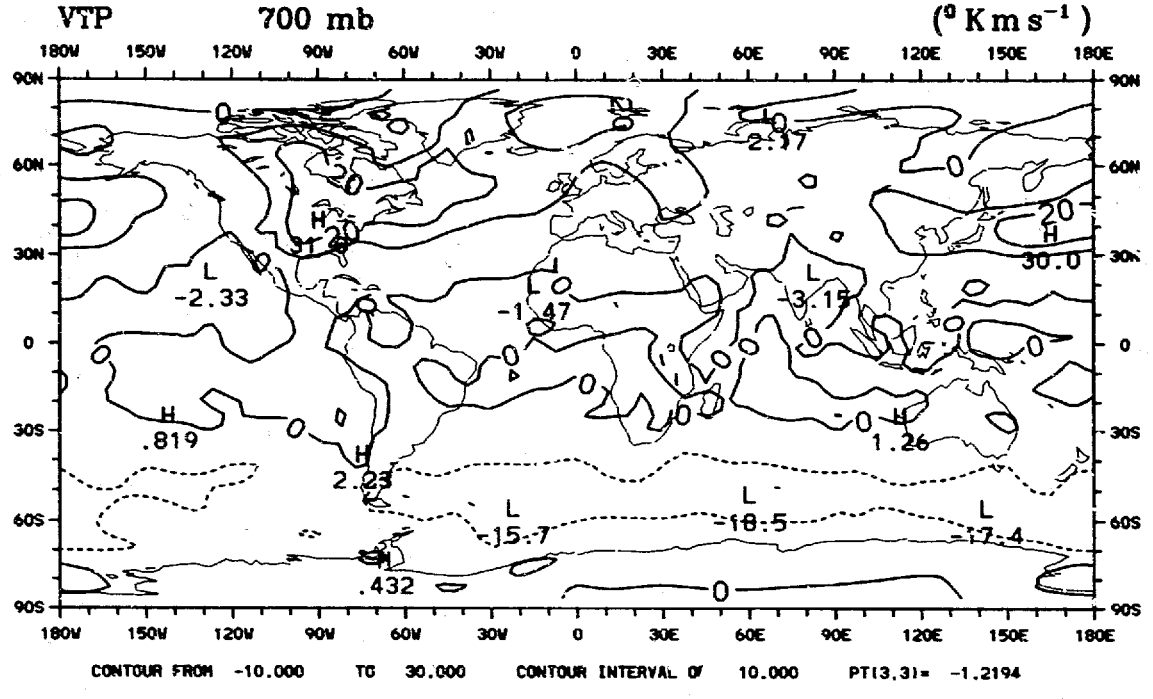

FRAME 1.48

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



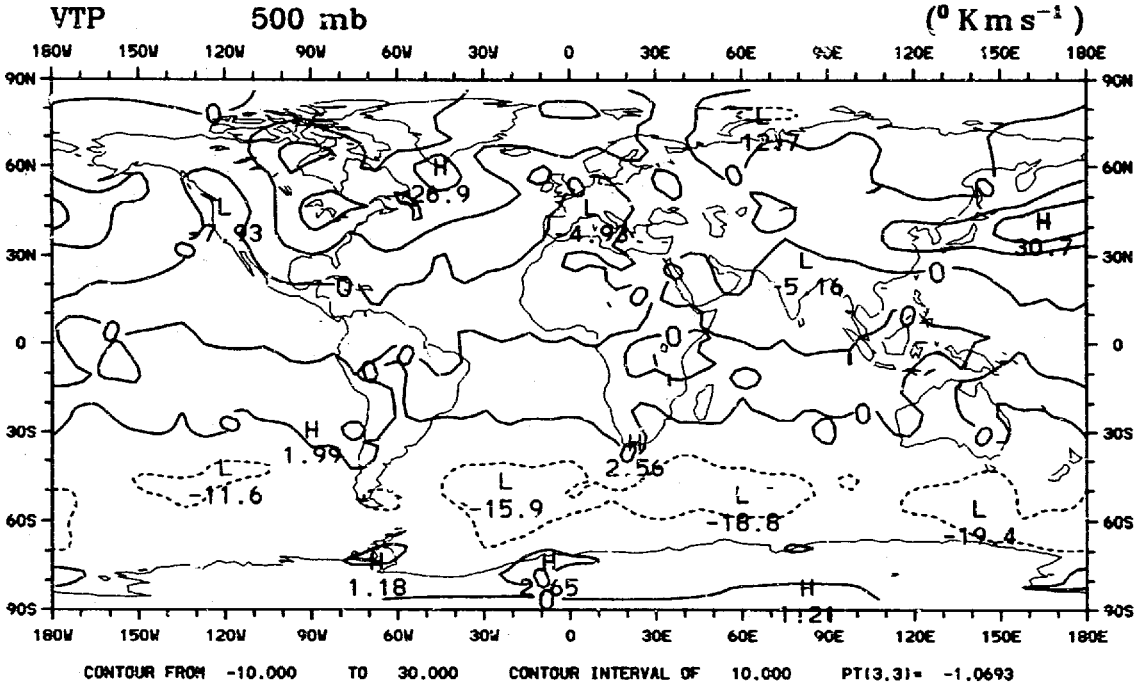

FRAME 1.49

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



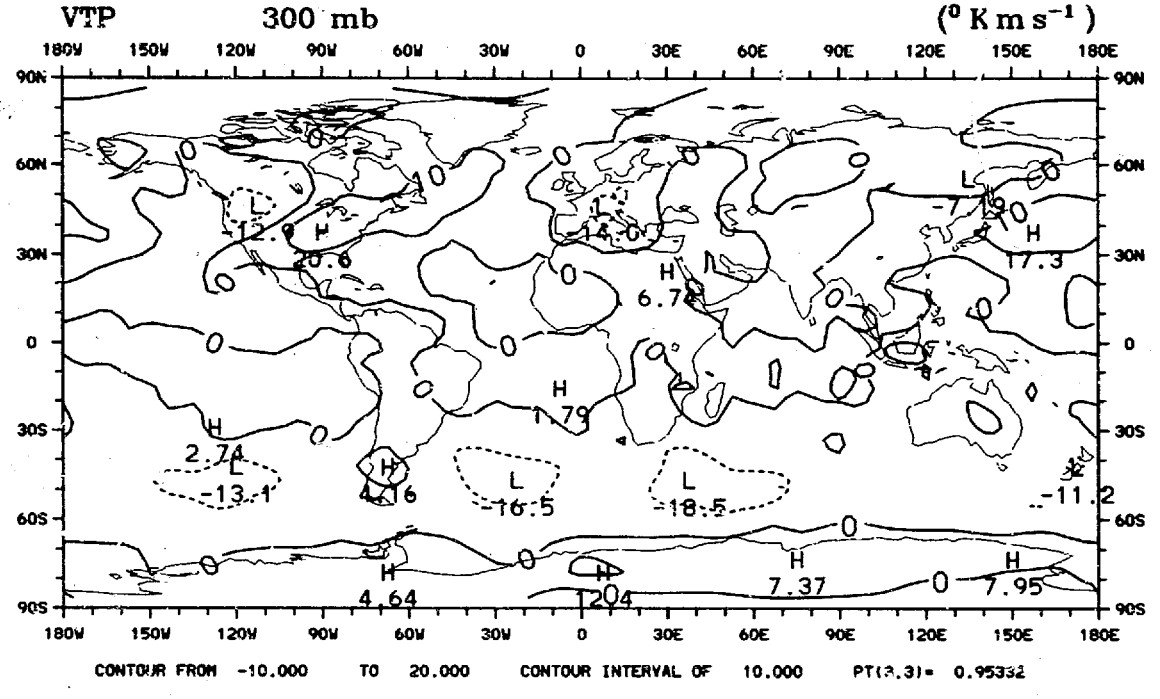

FRAME 1.50

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



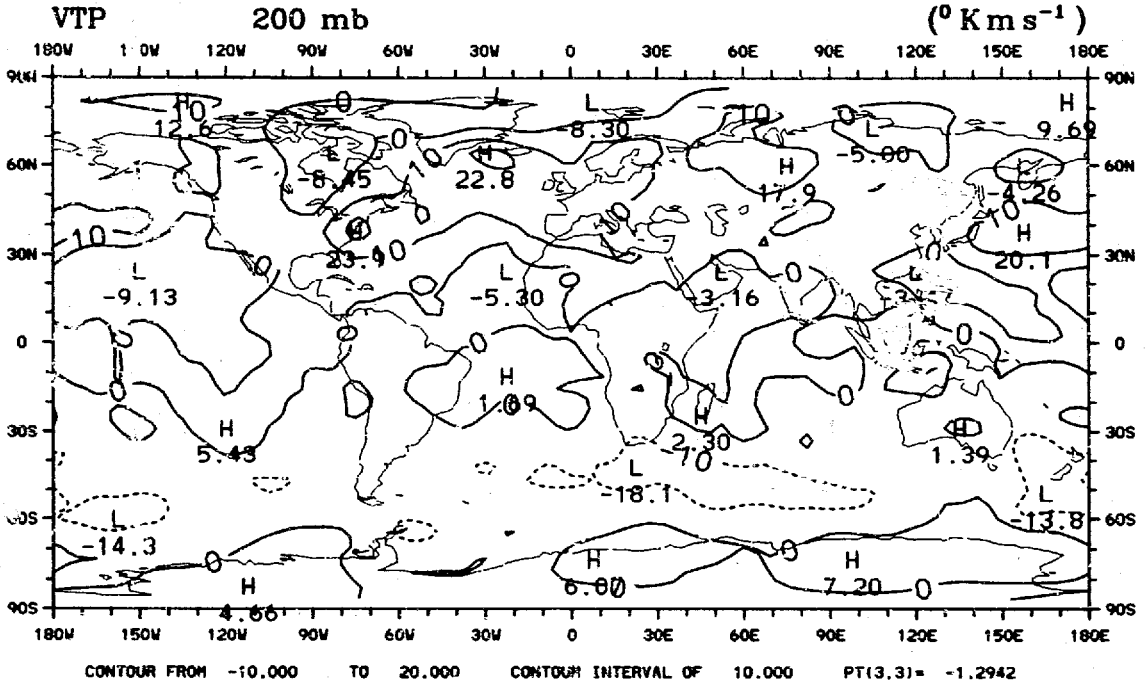

FRAME 1.51

## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



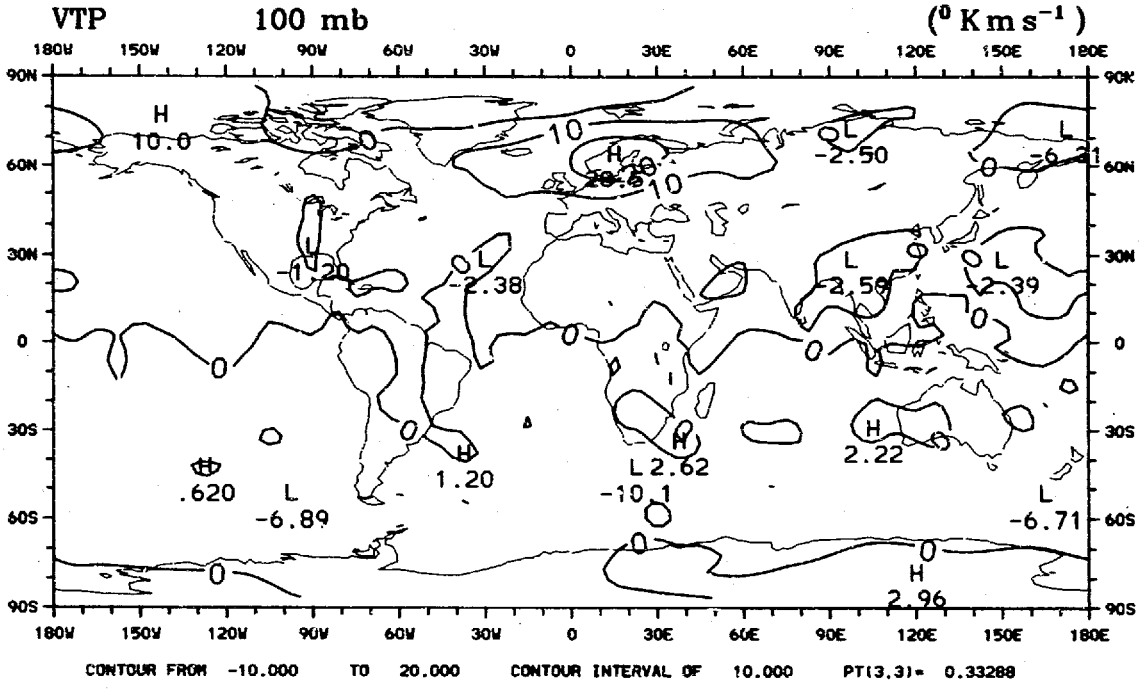

FRAME 1.52

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



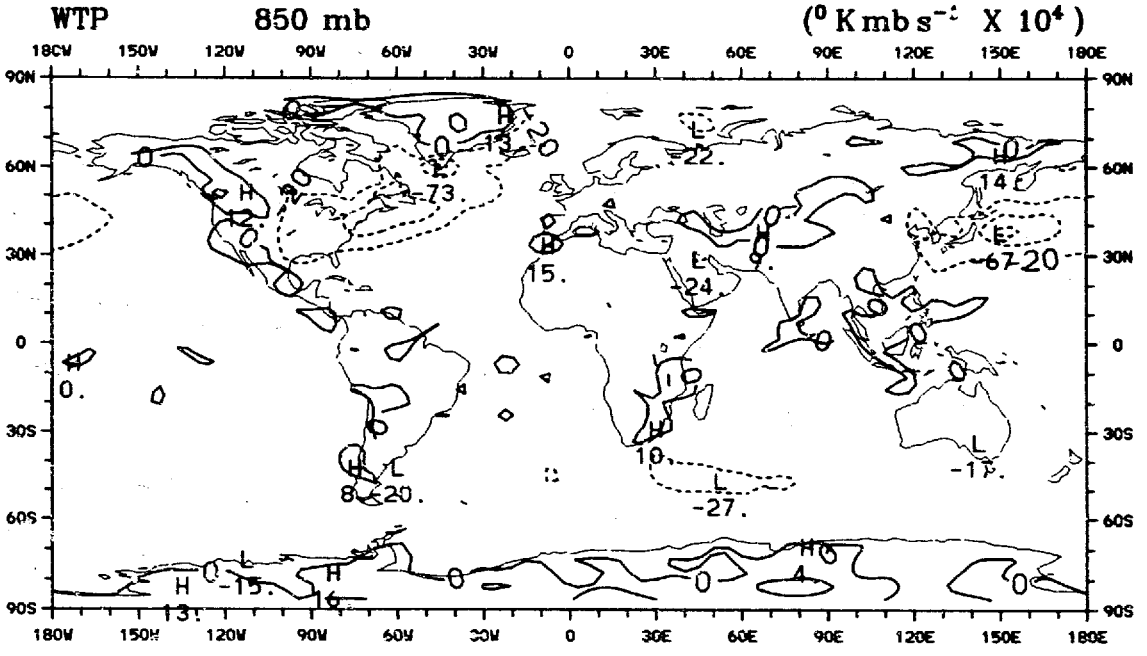

FRAME 1.53

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.54

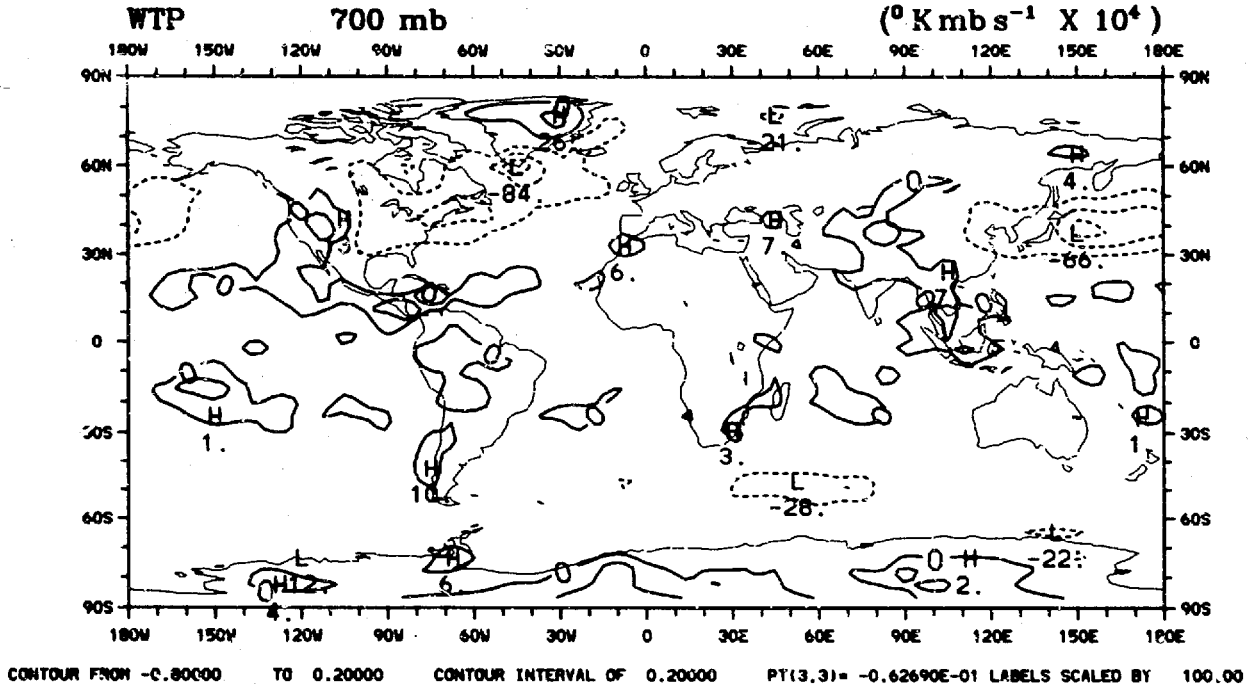
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.60000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.48358E-01 LABELS SCALED BY 100.00

FRAME 1.55

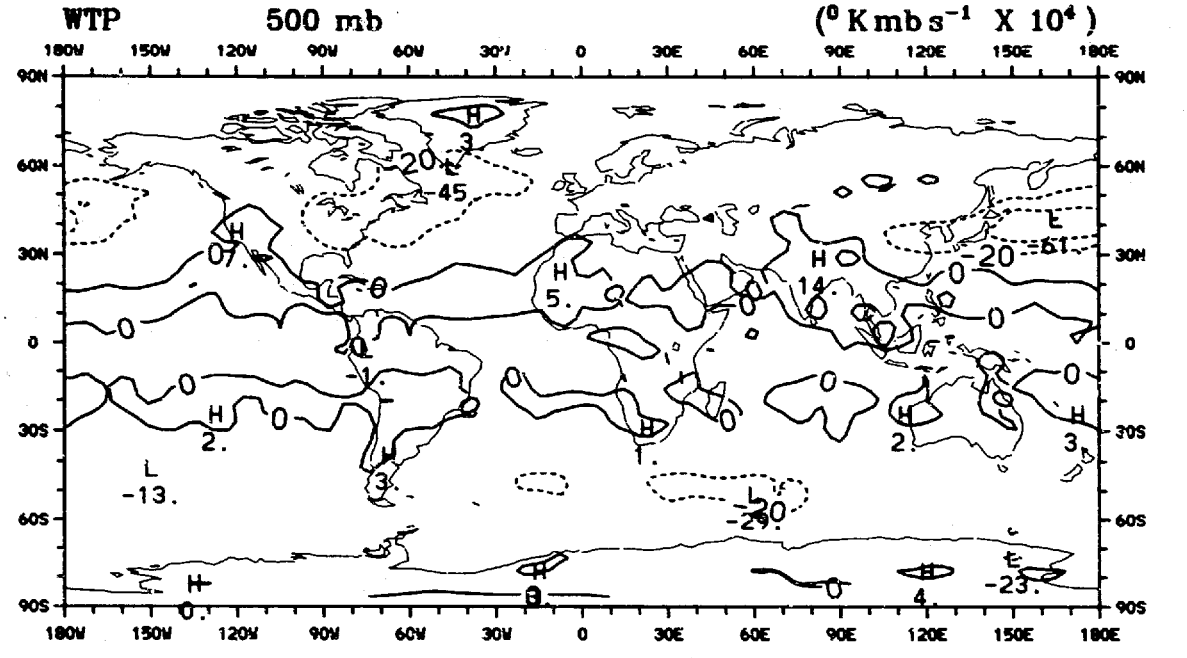
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.62690E-01 LABELS SCALED BY 100.00

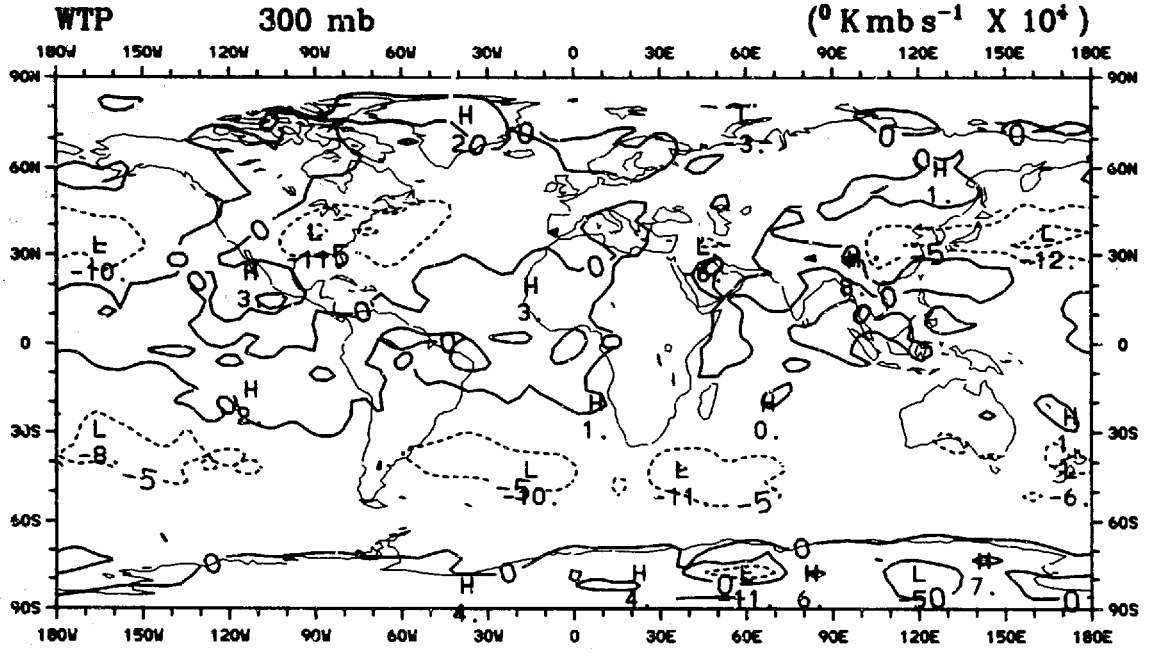
FRAME 1.56

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.57

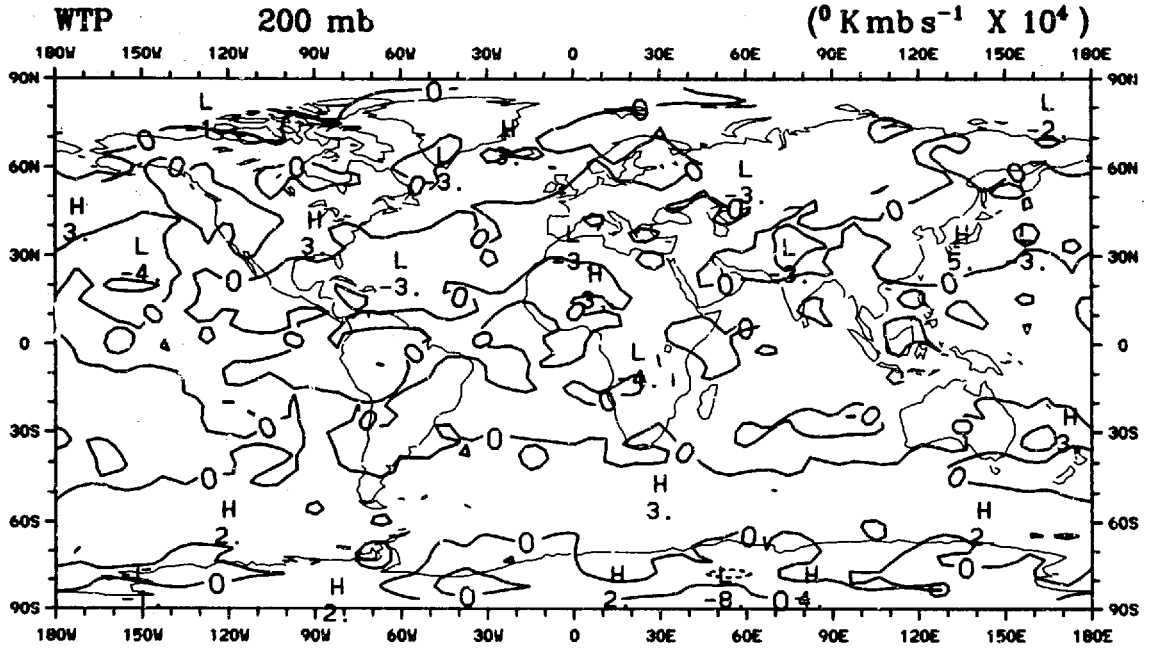
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.61494E-02 LABELS SCALED BY 100.00

FRAME 1.58

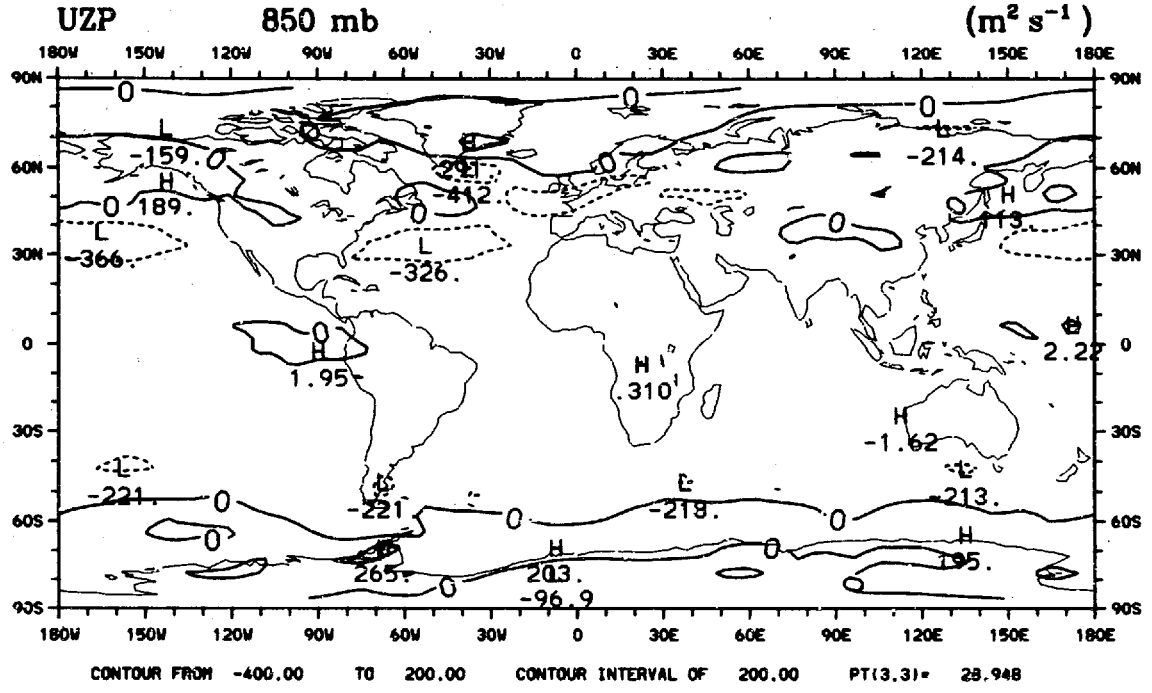
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.50000E-01 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.17118E-02 LABELS SCALED BY 100.00

FRAME 1.59

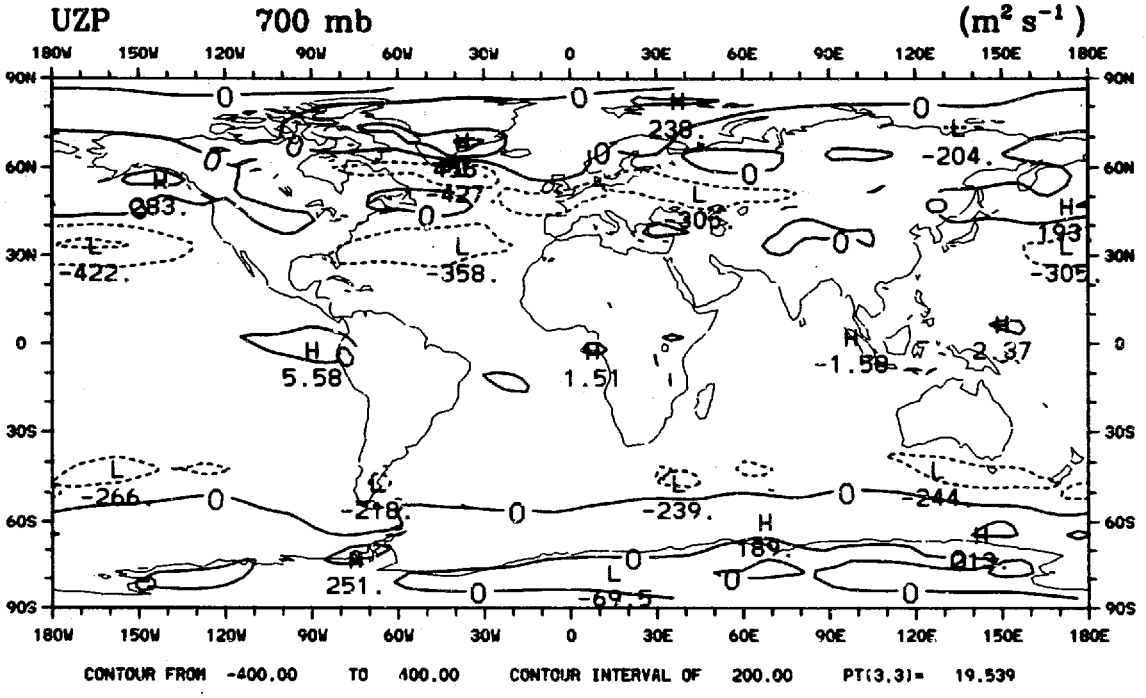
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -400.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 28.948

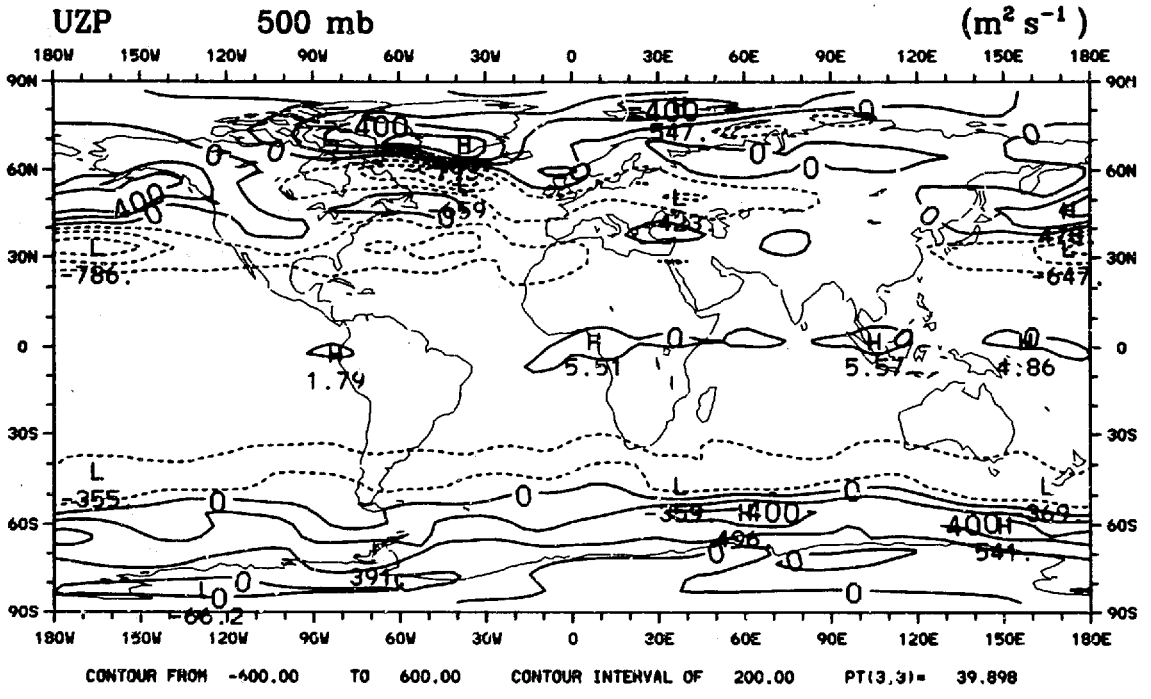
FRAME 1.60

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



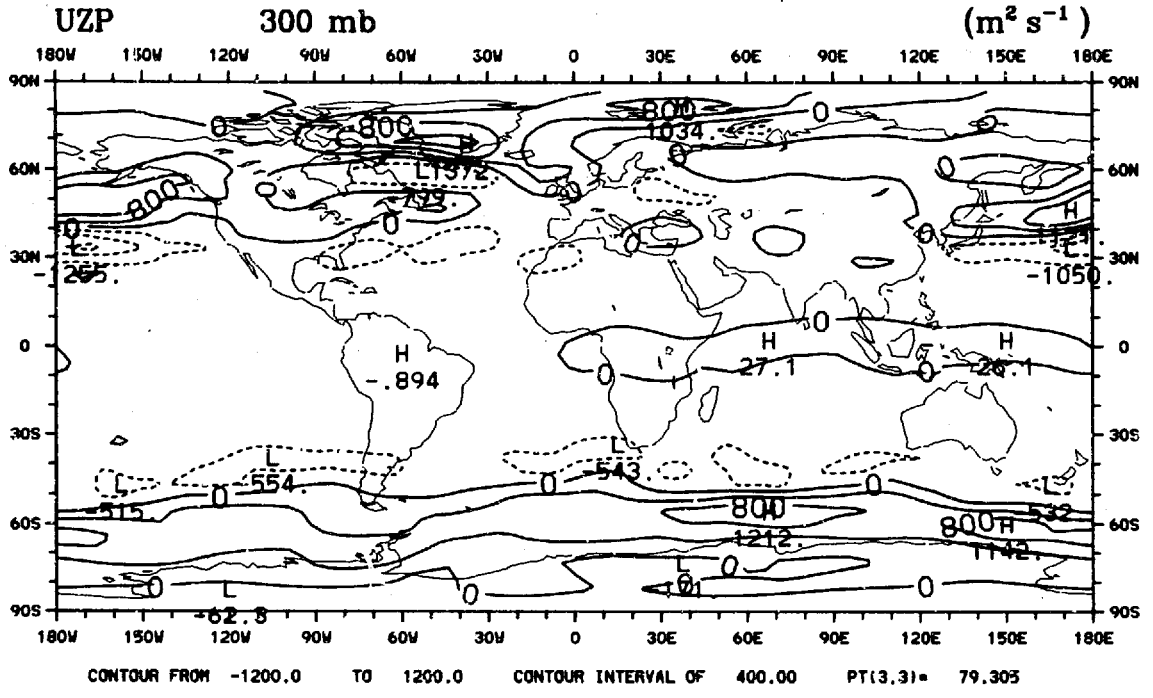

FRAME 1.61

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



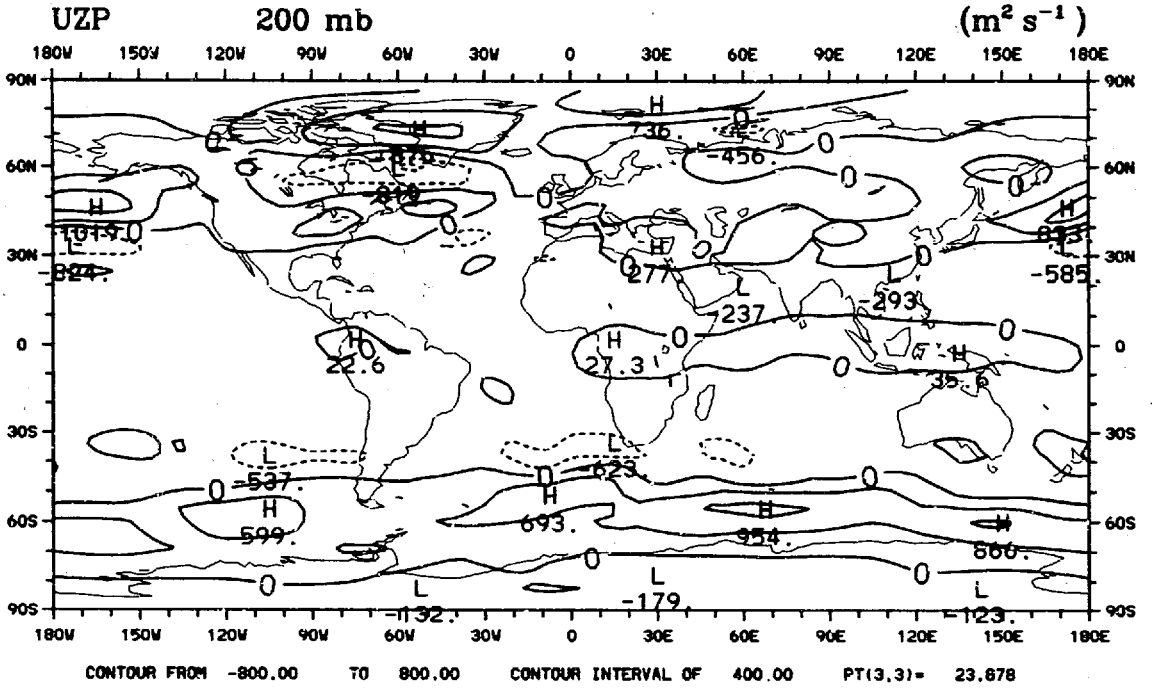

FRAME 1.62

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

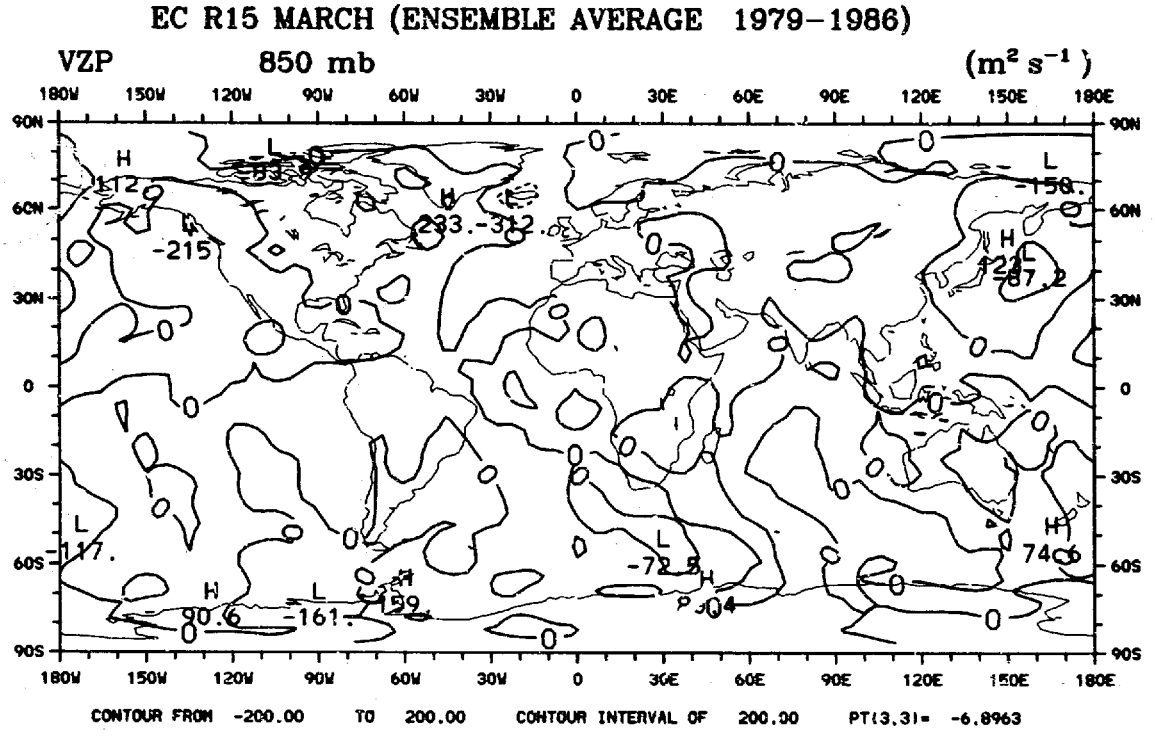



FRAME 1.63

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

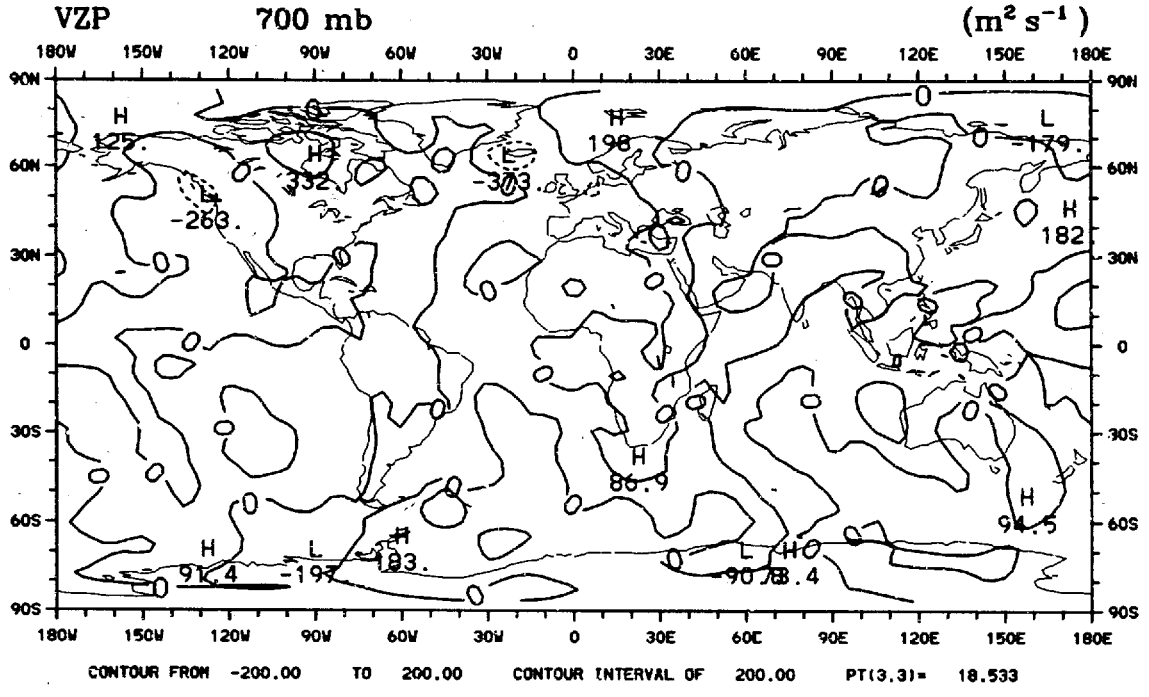



FRAME 1.64


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
VZP
850 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
L
-215
-117.
90.6
-161.
-72.5
74.6
-87.2
-150.
CONTOUR FROM -200.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= -6.8963

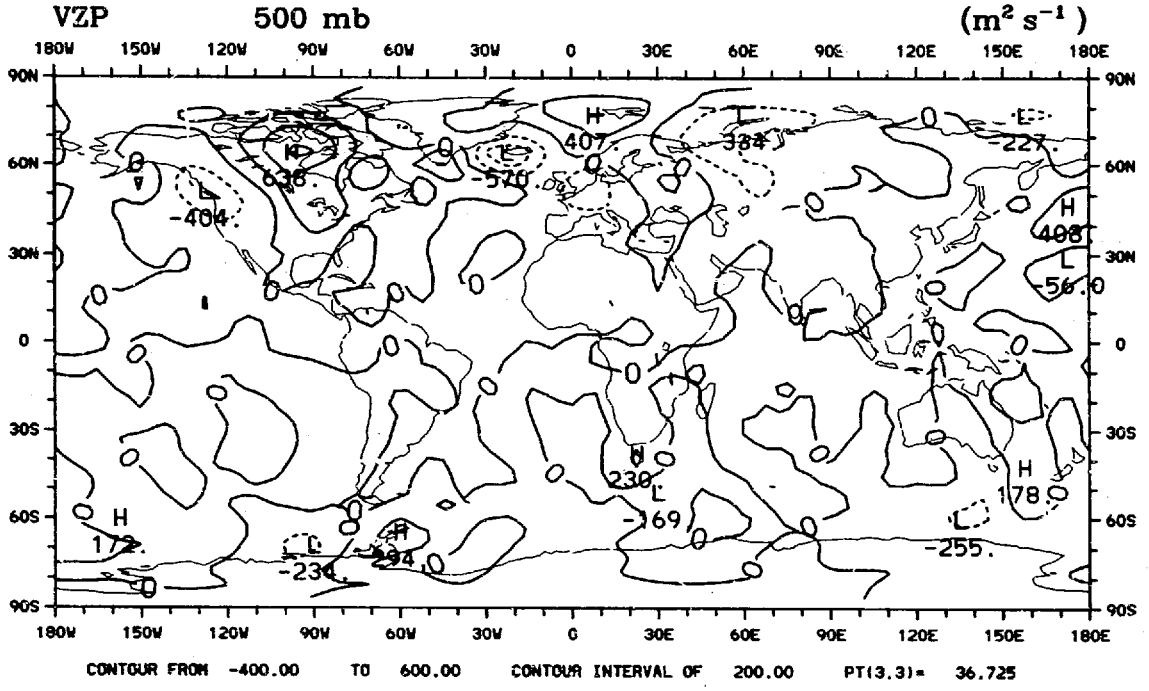
FRAME 1.65

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



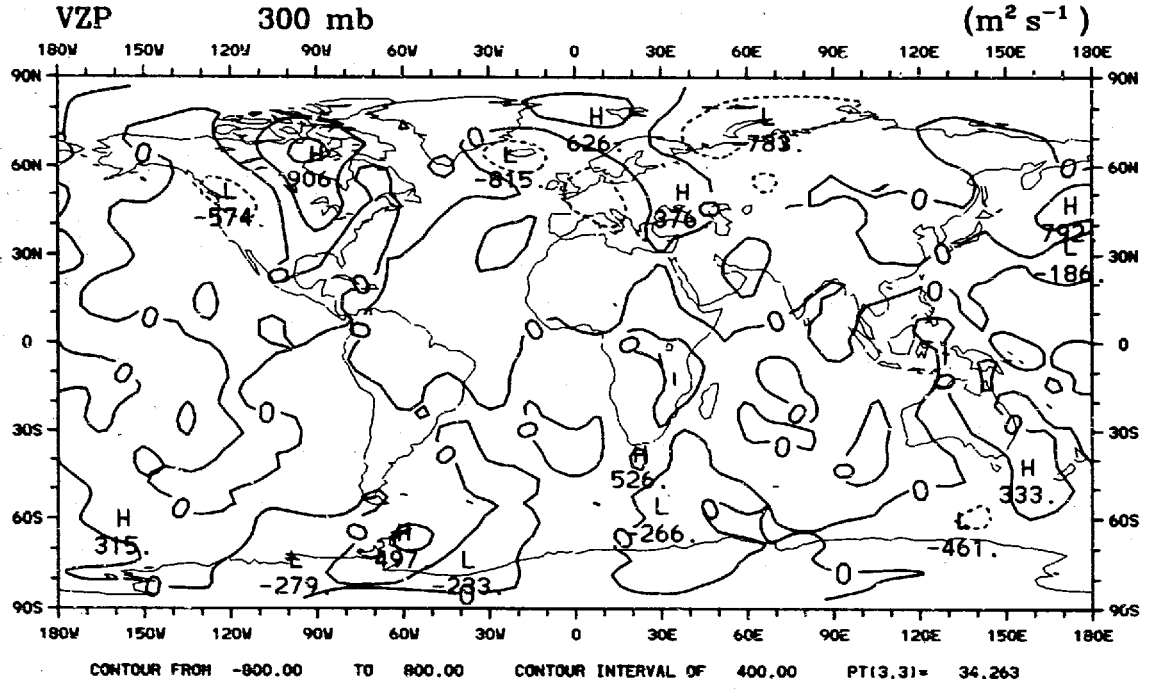

FRAME 1.66

# EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



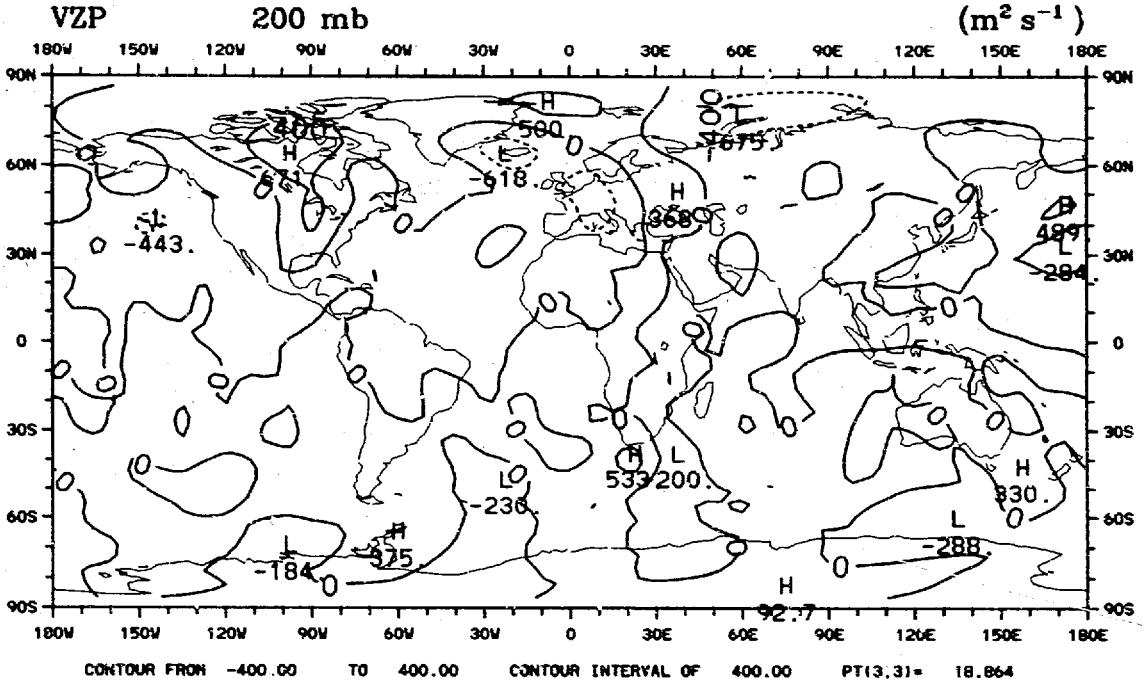

FRAME 1.67

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



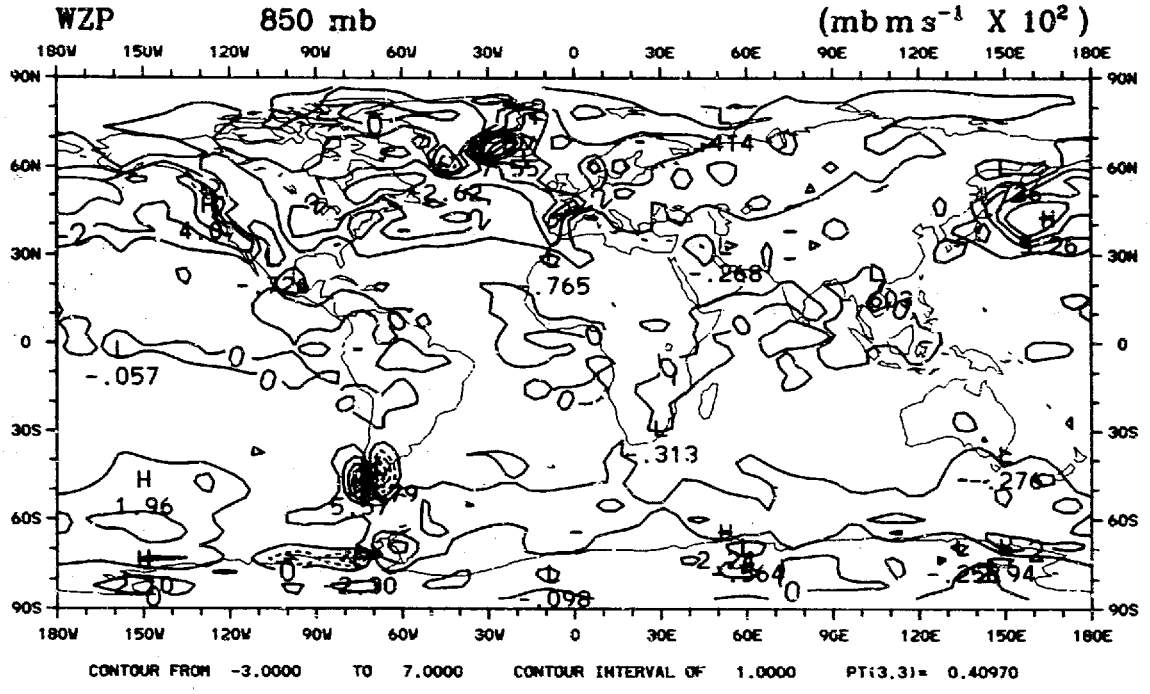

FRAME 1.68

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



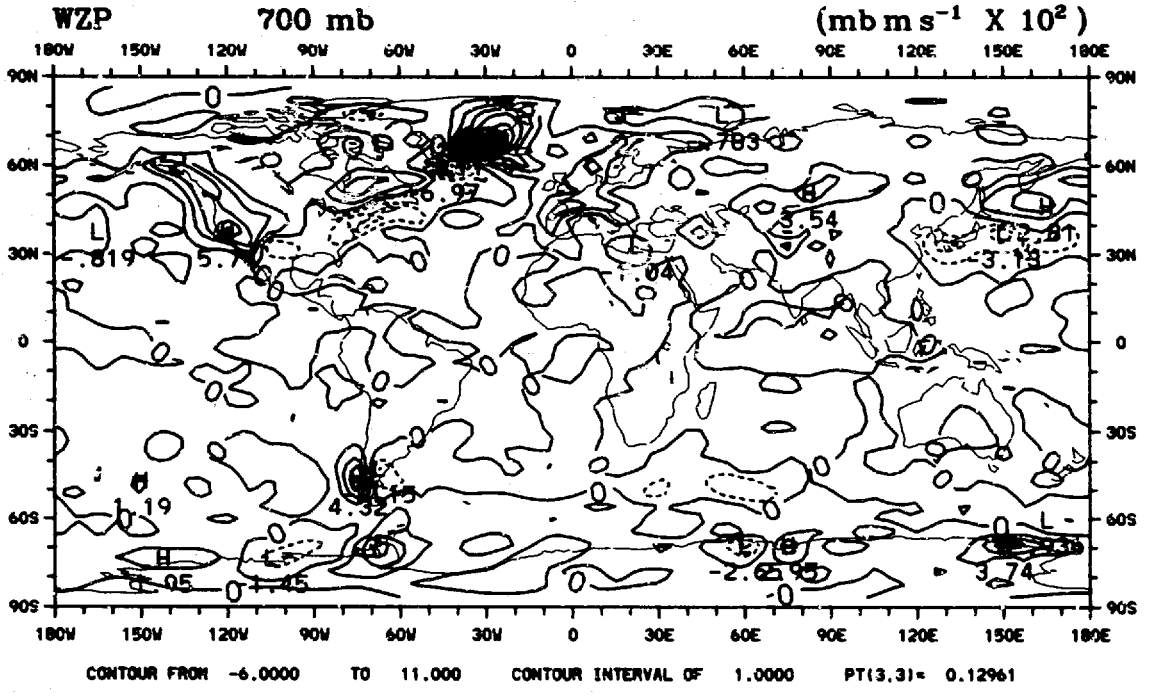

FRAME 1.69

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



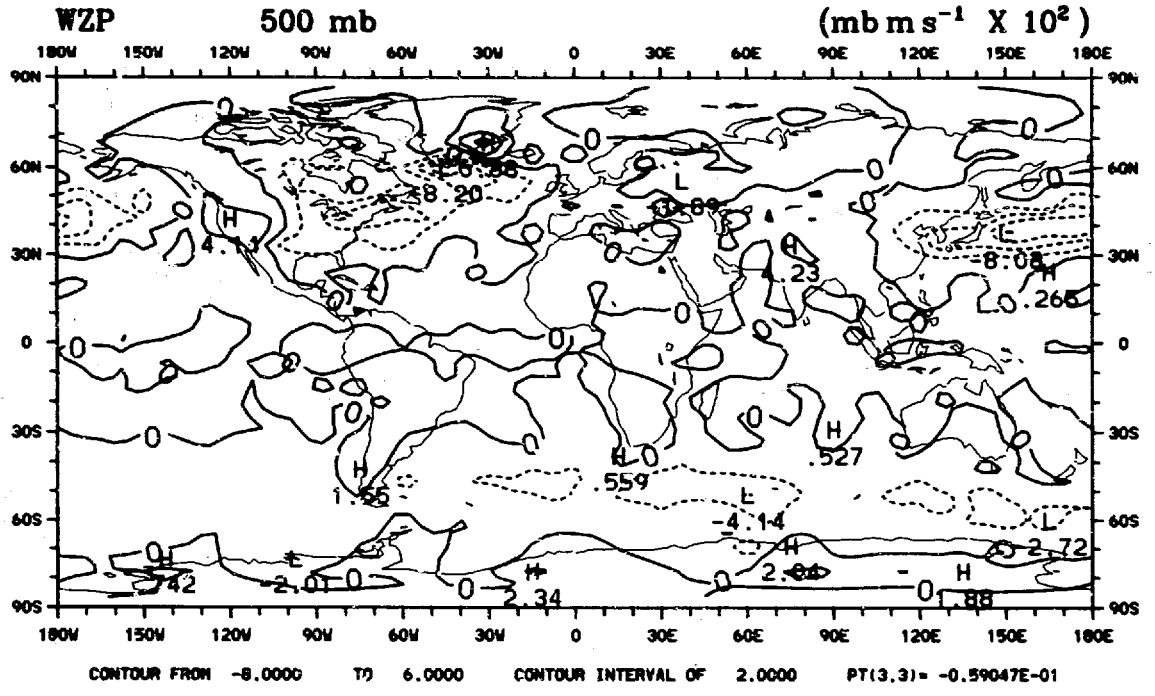

FRAME 1.70

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



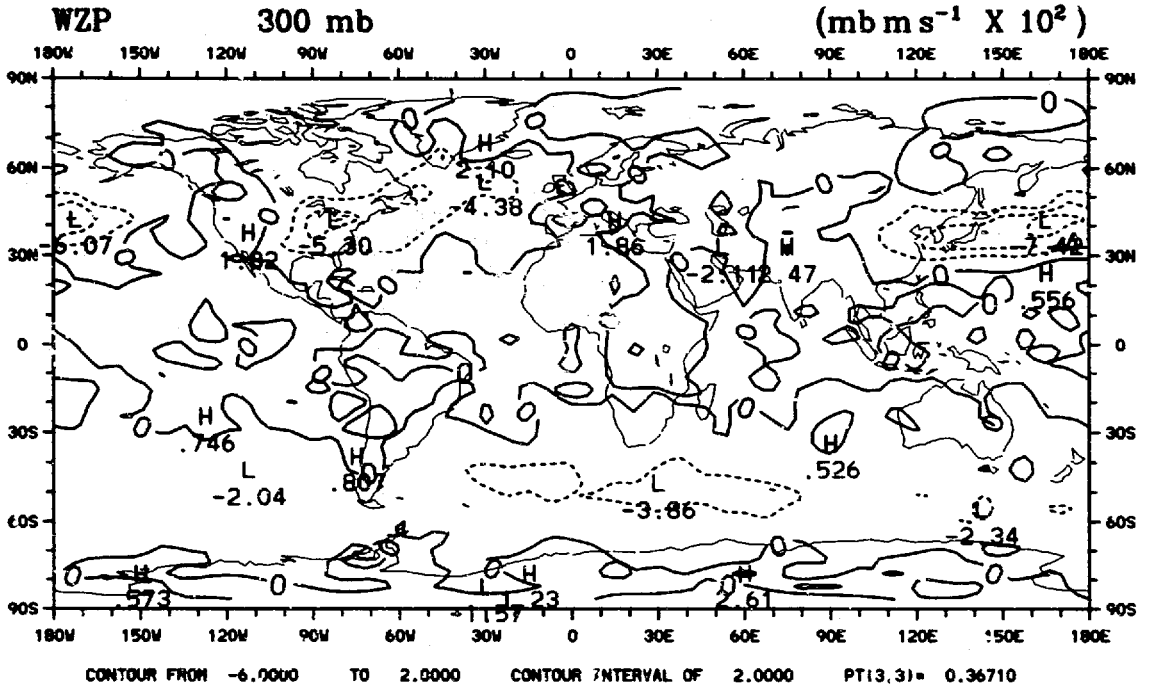

FRAME 1.71

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



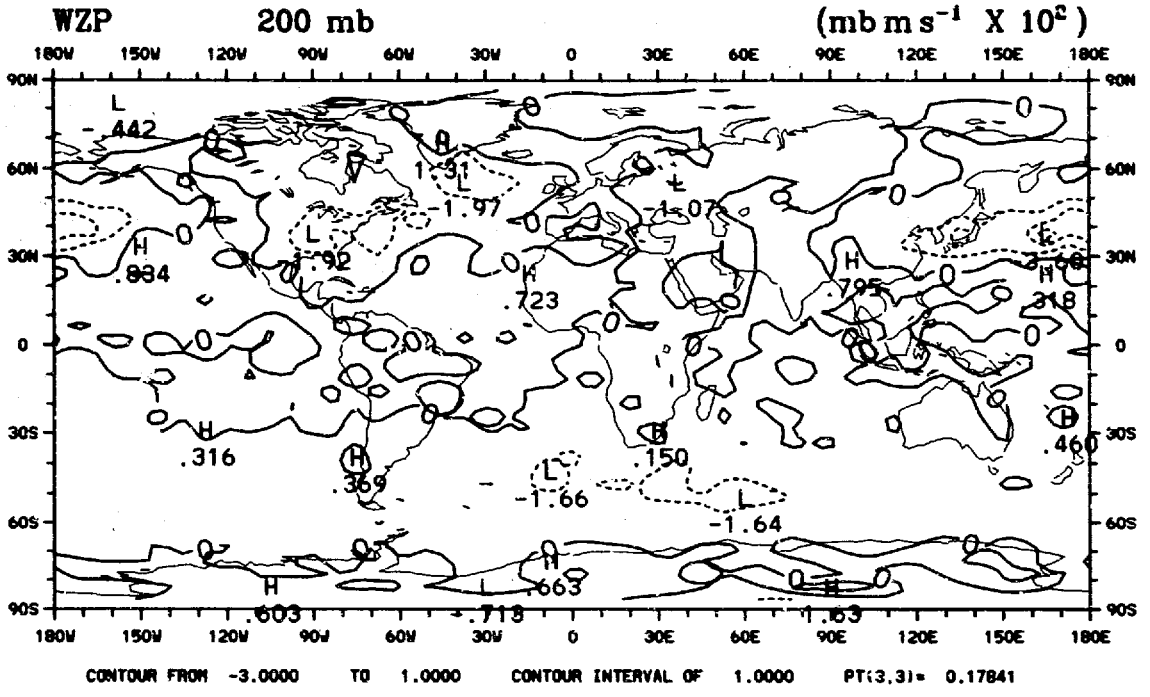

FRAME 1.72

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



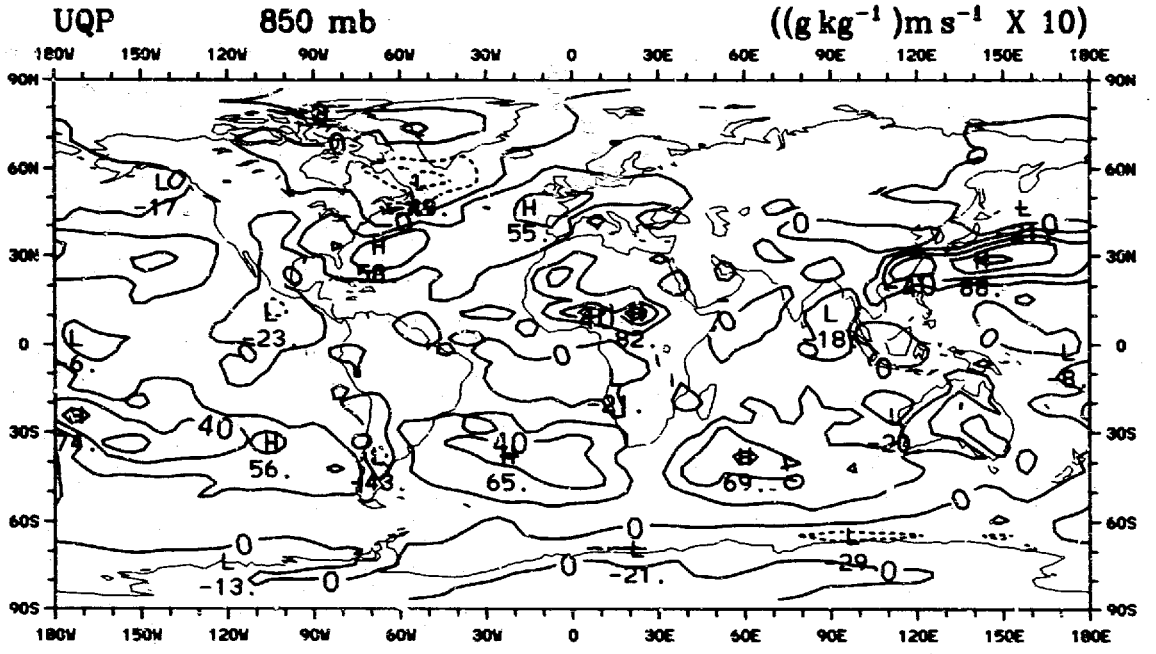

FRAME 1.73

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.74

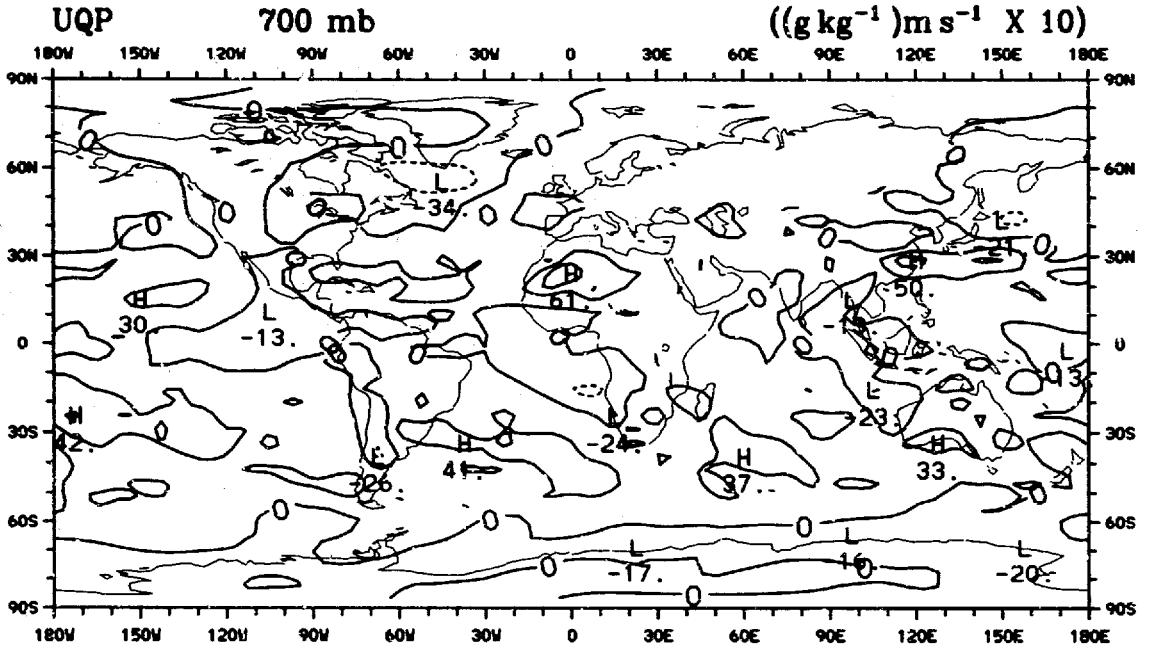
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.86804E-03 LABELS SCALED BY 10000.

FRAME 1.75

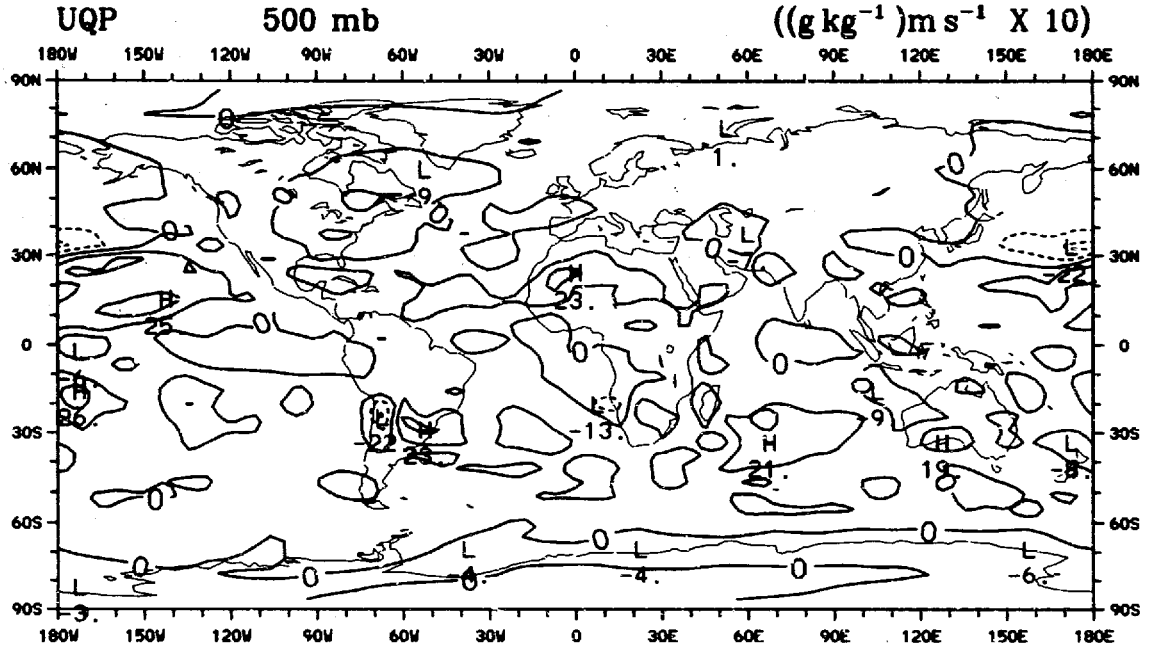
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1988)




CONTOUR FROM -0.20000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.80006E-03 LABELS SCALED BY 10000.

FRAME 1.76

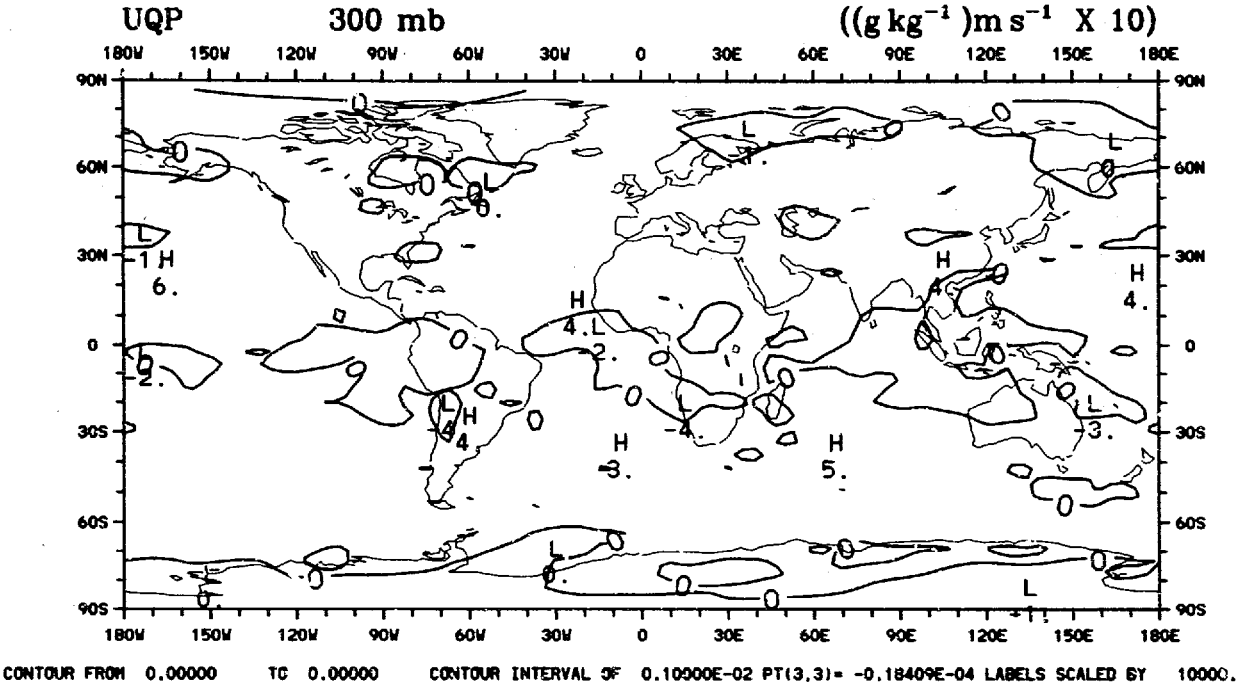
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.27405E-03 LABELS SCALED BY 10000.

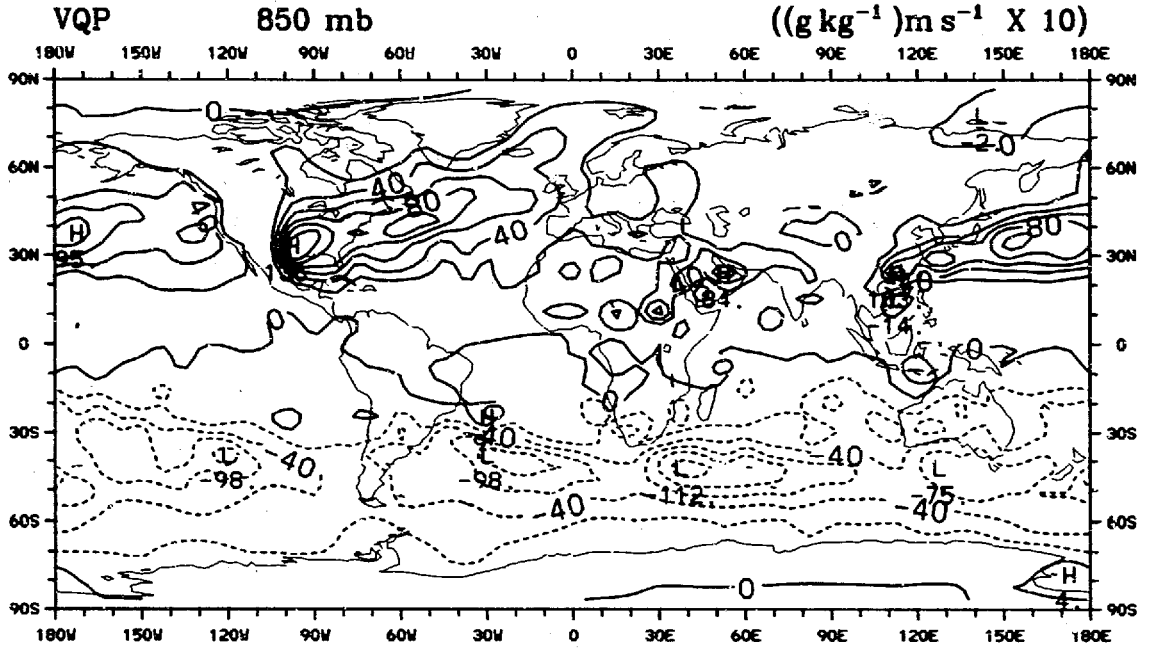
FRAME 1.77

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.78

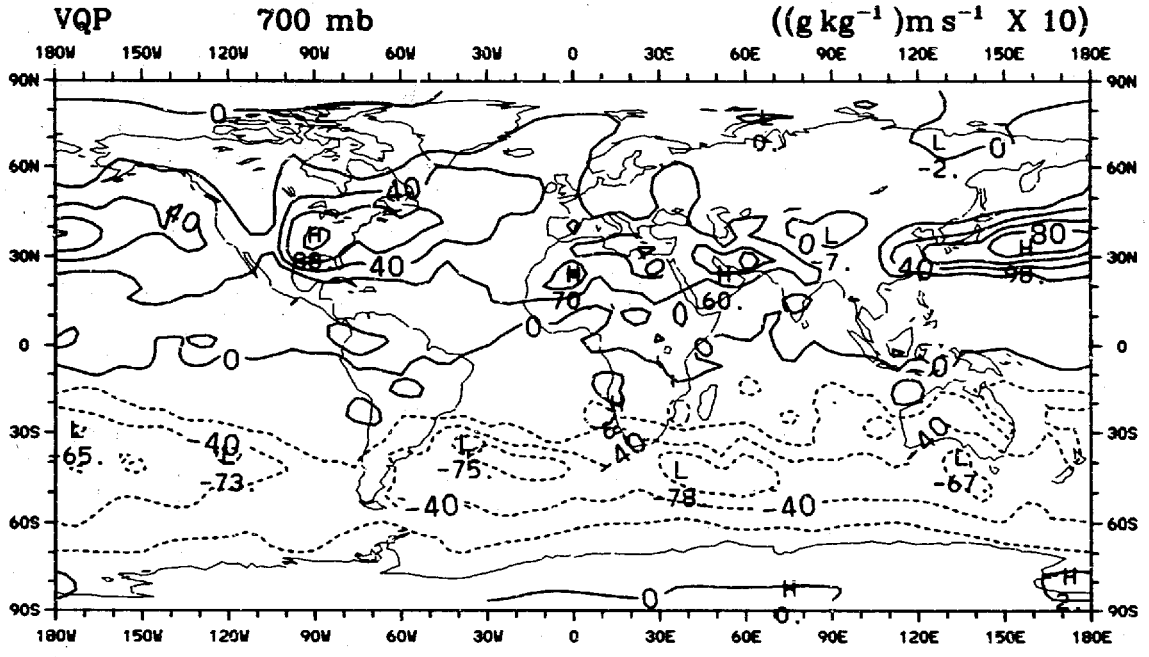
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-01 TO 0.12000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.66838E-03 LABELS SCALED BY 10000.

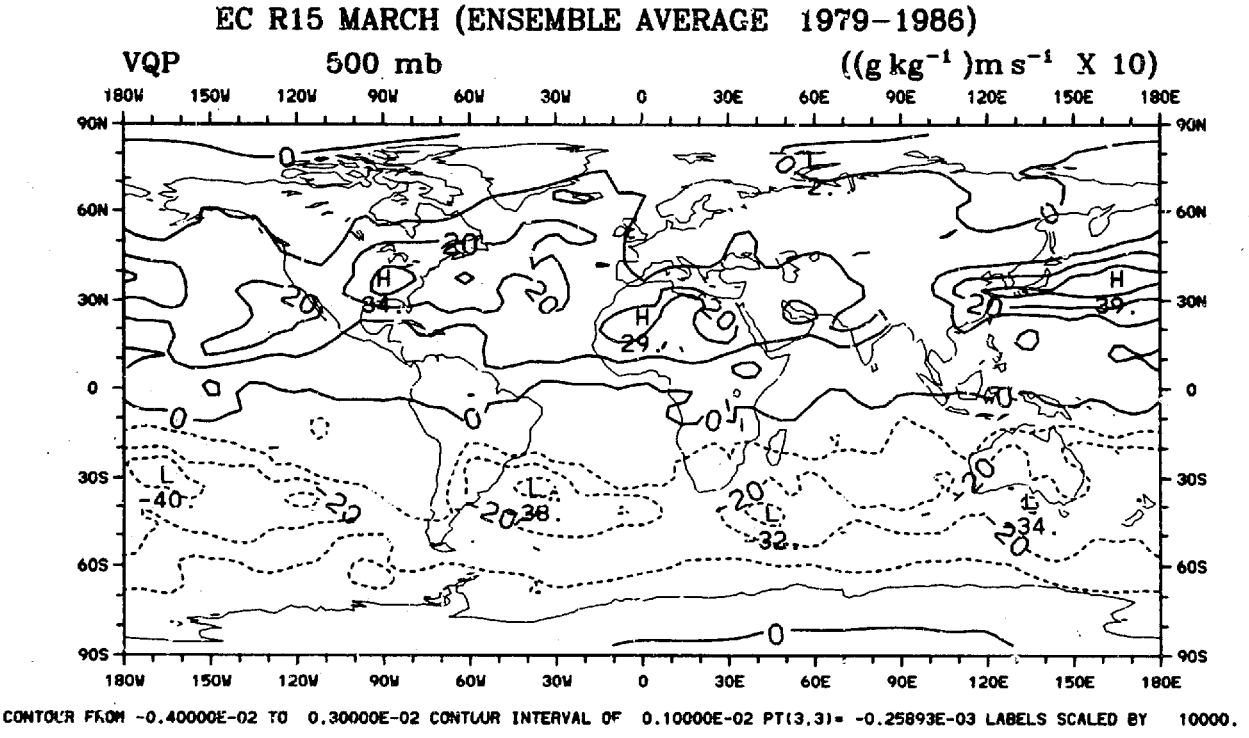
FRAME 1.79

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986

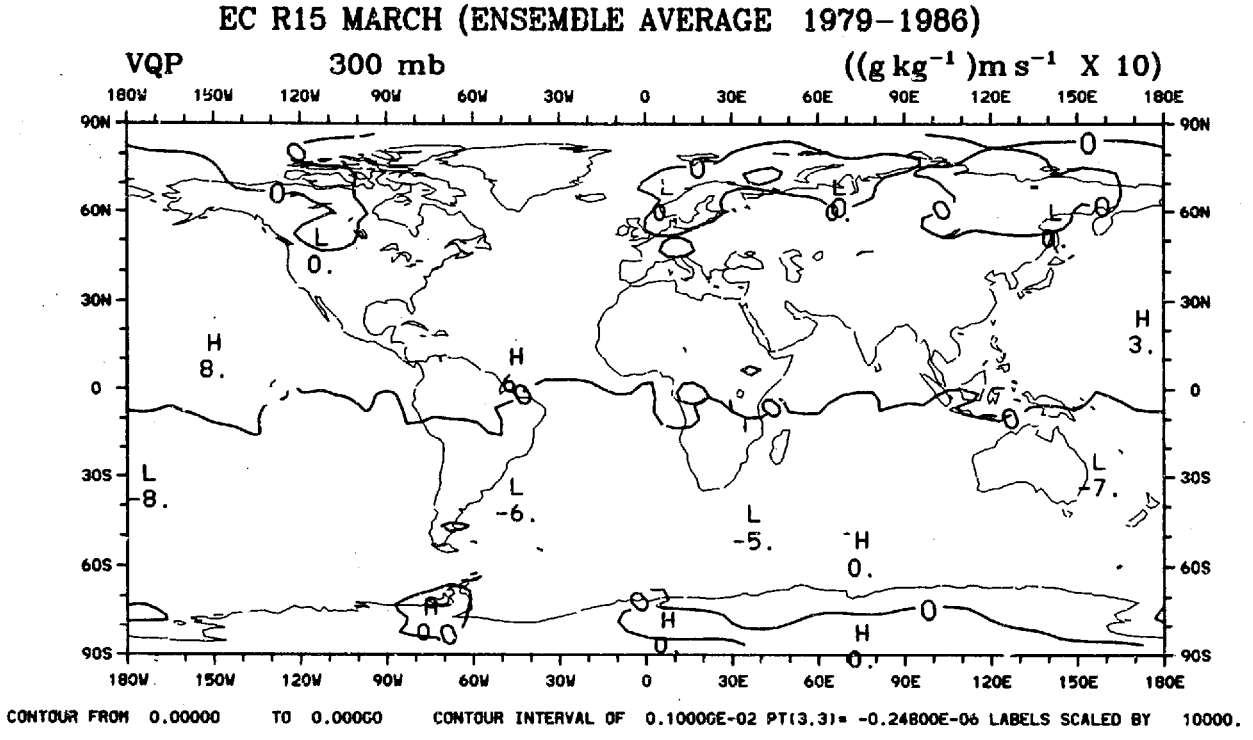



CONTOUR FROM -0.60000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.46219E-03 LABELS SCALED BY 10000.

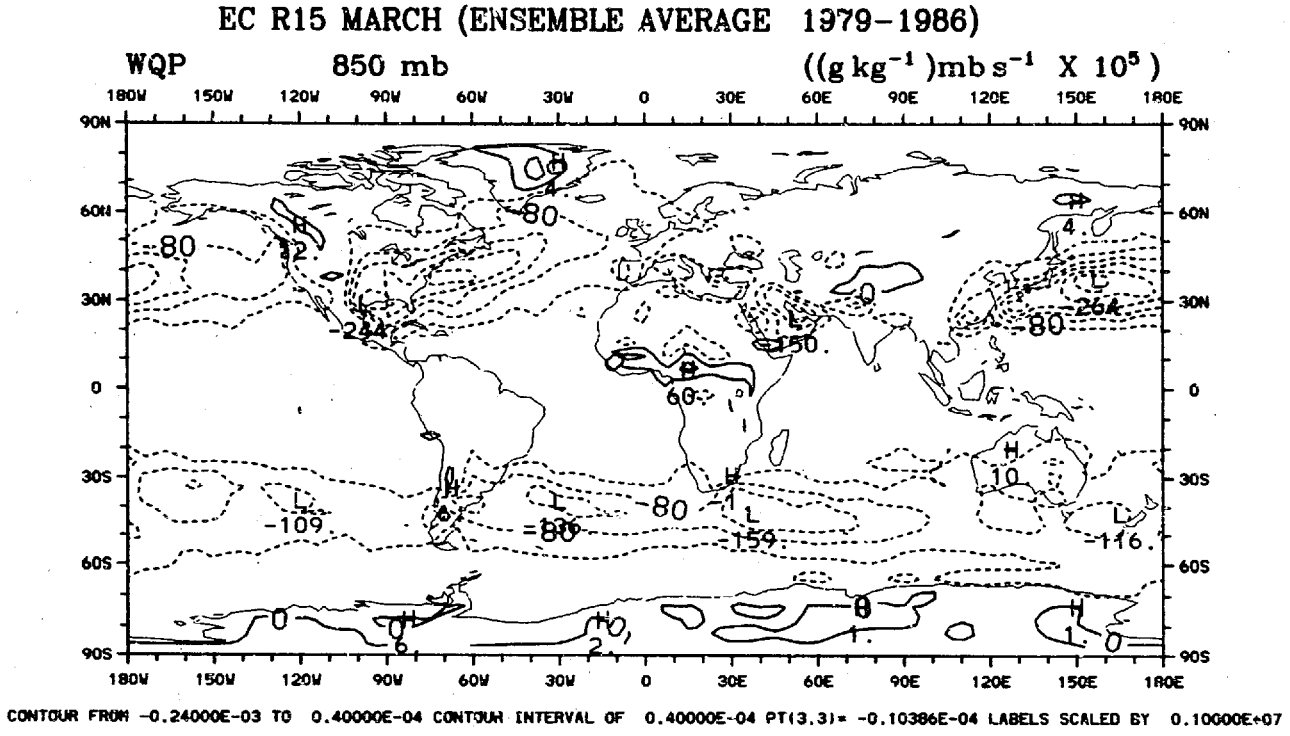
FRAME 1.80


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
VQP
500 mb
((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
L
CONTOUR FROM -0.40000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.25893E-03 LABELS SCALED BY 10000.

FRAME 1.81

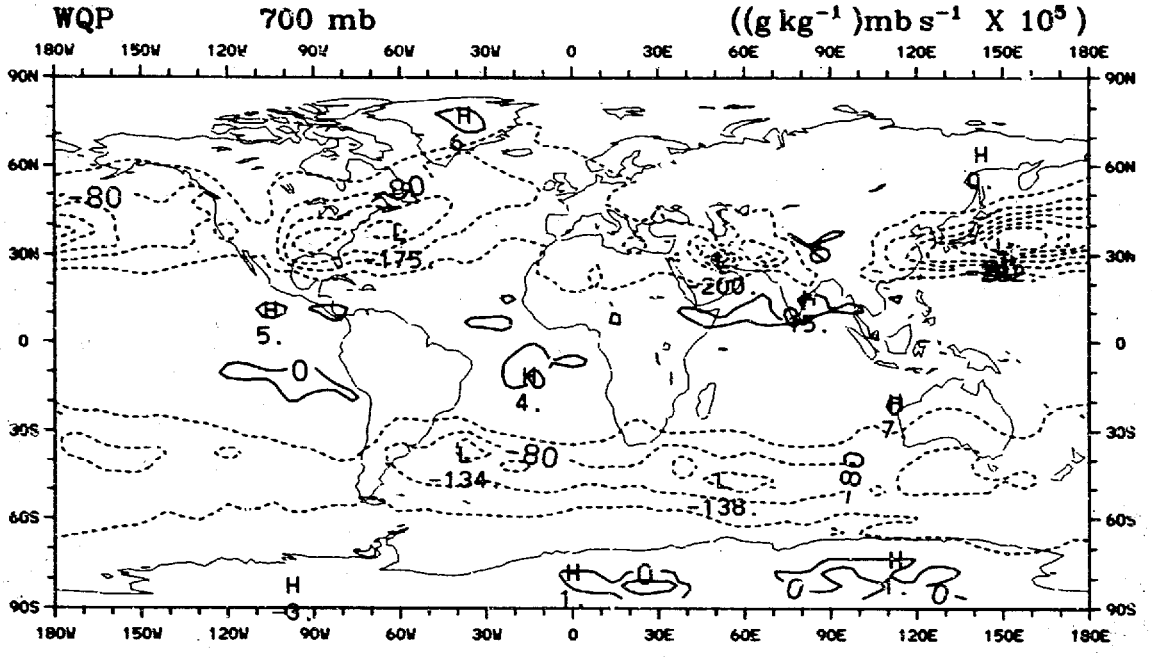

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
VQP 300 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 8.
H 6.
H 3.
L -8.
L -6.
L -5.
H 0.
L -7.
H 0.
H 0.
H 0.
CONTOUR FROM 0.00000 TO 0.00060 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.24800E-06 LABELS SCALED BY 10000.

FRAME 1.82


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
WQP
850 mb
((g kg$^{-1}$)mb s$^{-1}$ X 10$^{5}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-80
-244.
-150.
-264.
-109.
-159.
-116.
CONTOUR FROM -0.24000E-03 TO 0.40000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.10386E-04 LABELS SCALED BY 0.10000E+07

FRAME 1.83

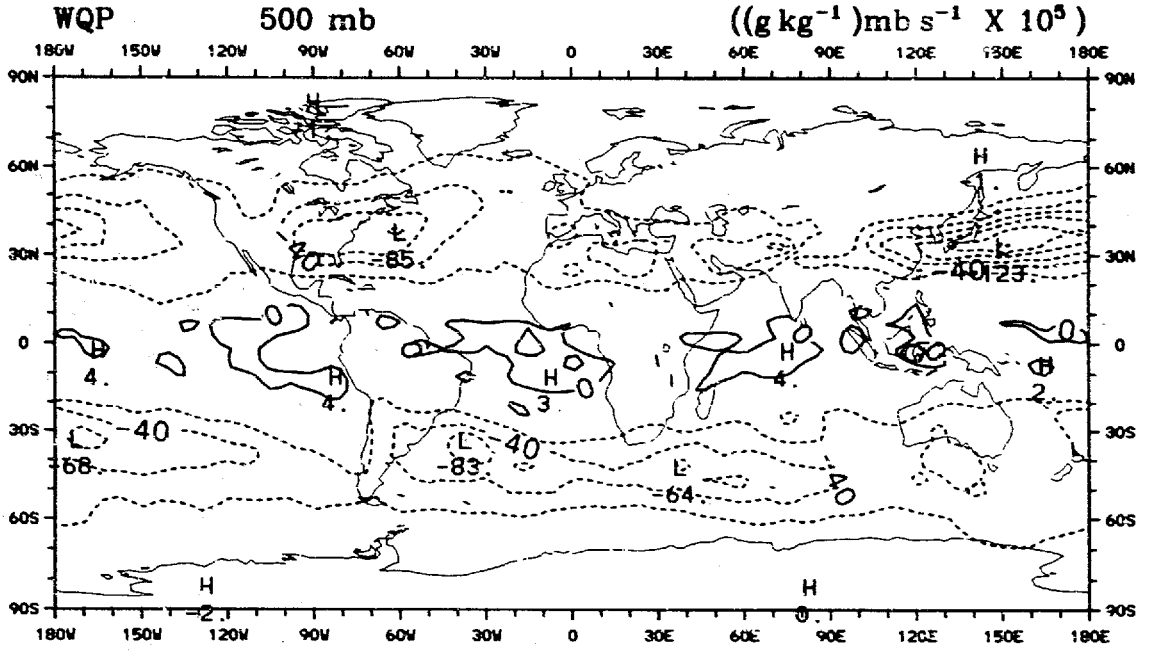
## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.28000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.11190E-04 LABELS SCALED BY 0.10000E+07

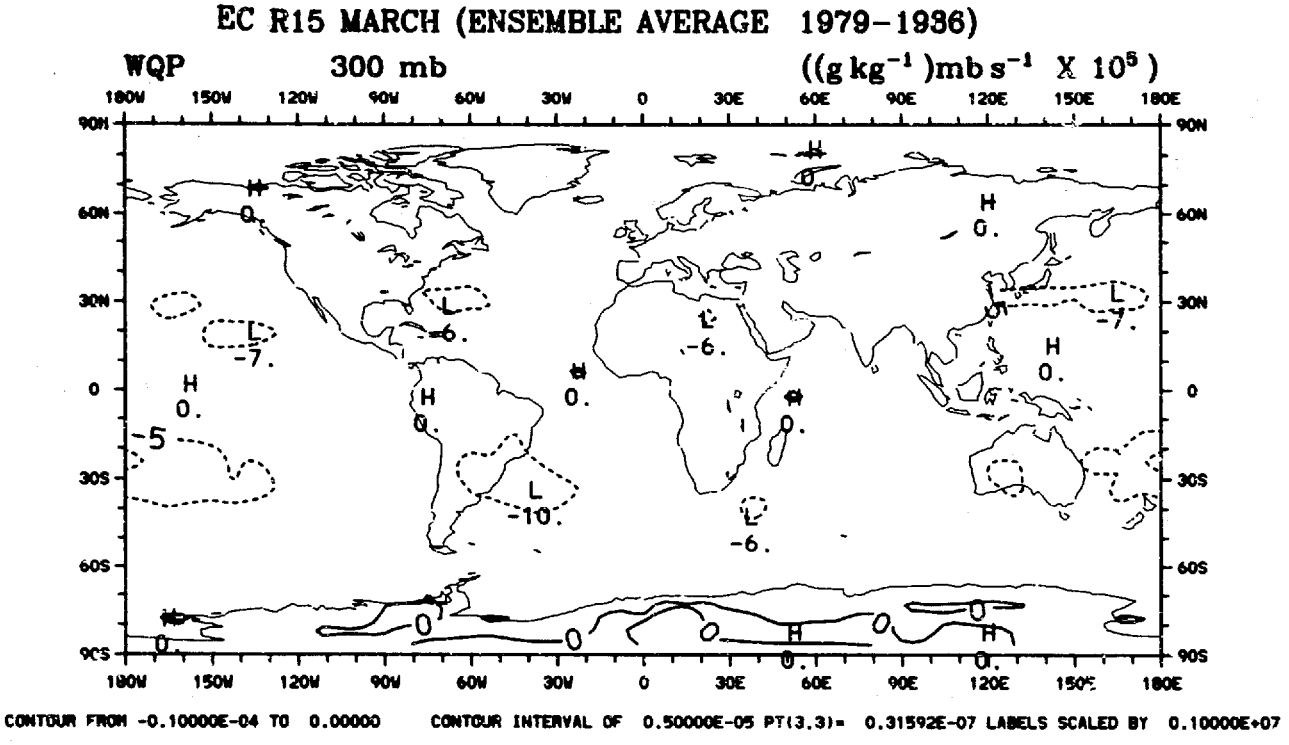
FRAME 1.84

EC R15 MARCH (ENSEMBLE AVERAGE 1979--1986)



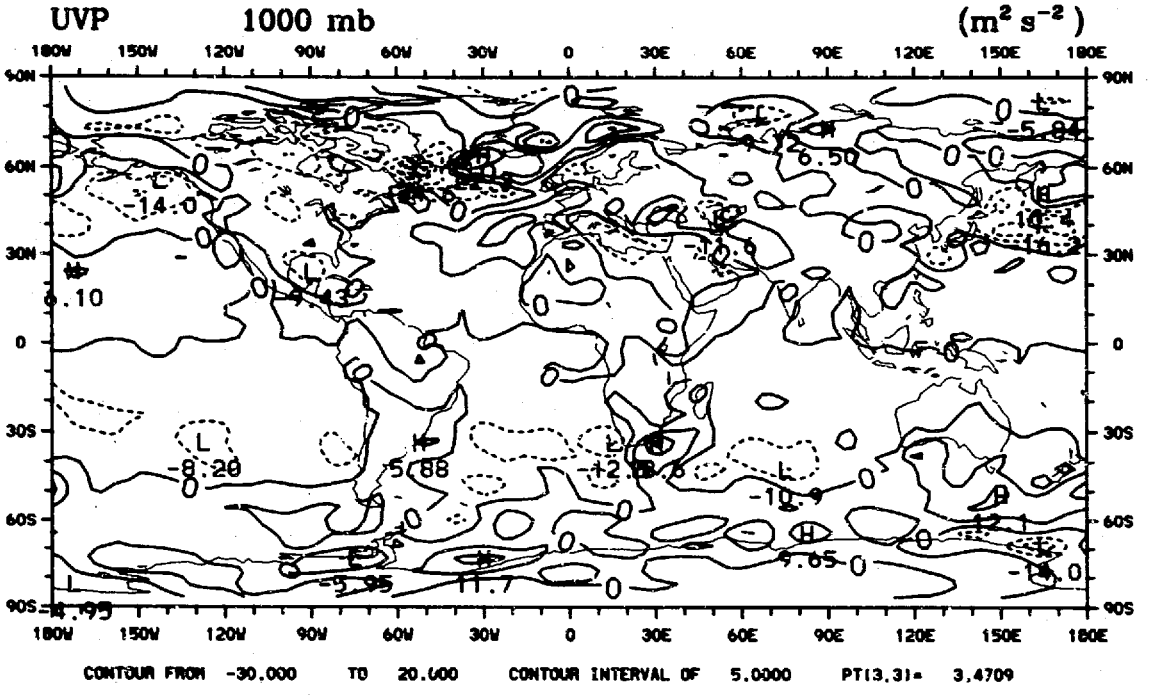

CONTOUR FROM -0.12000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.42004E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
WQP 300 mb ((g kg$^{-1}$)mb s$^{-1}$ X 10$^{5}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.10000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= 0.31592E-07 LABELS SCALED BY 0.10000E+07

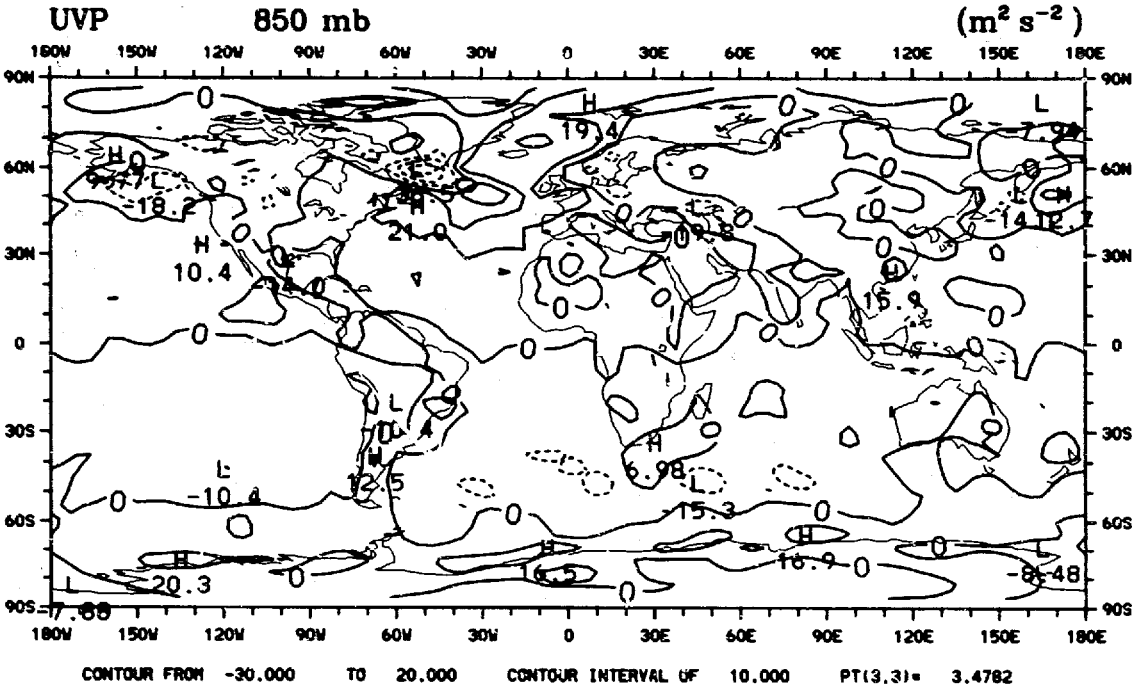
FRAME 1.86

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



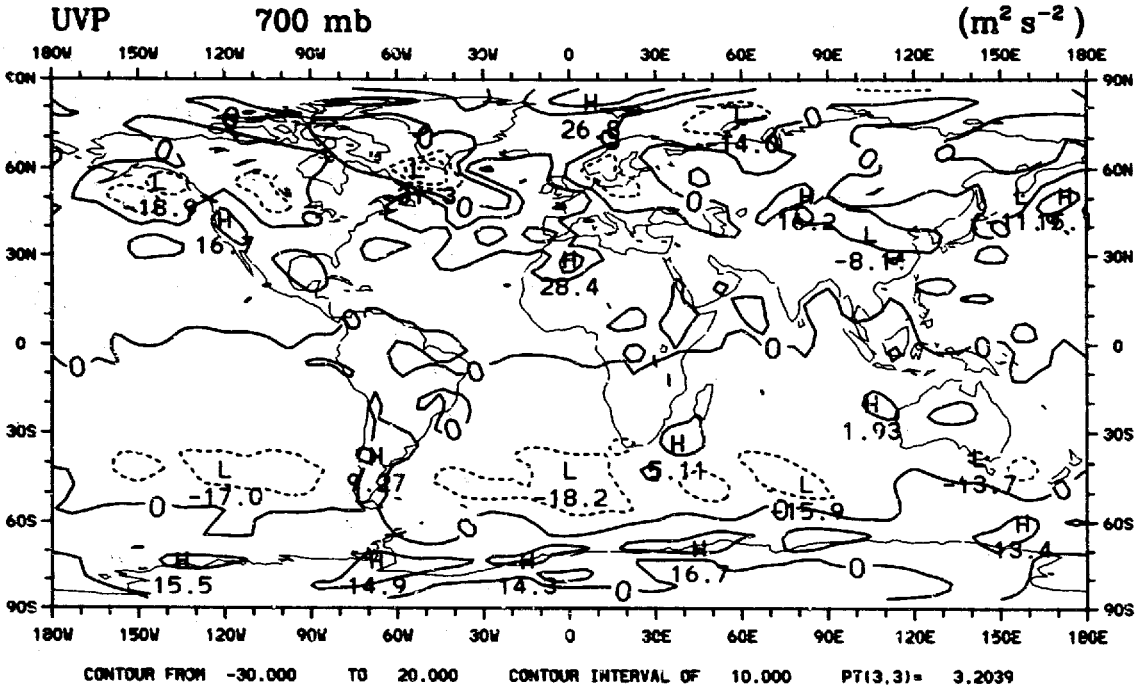

FRAME 1.87

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



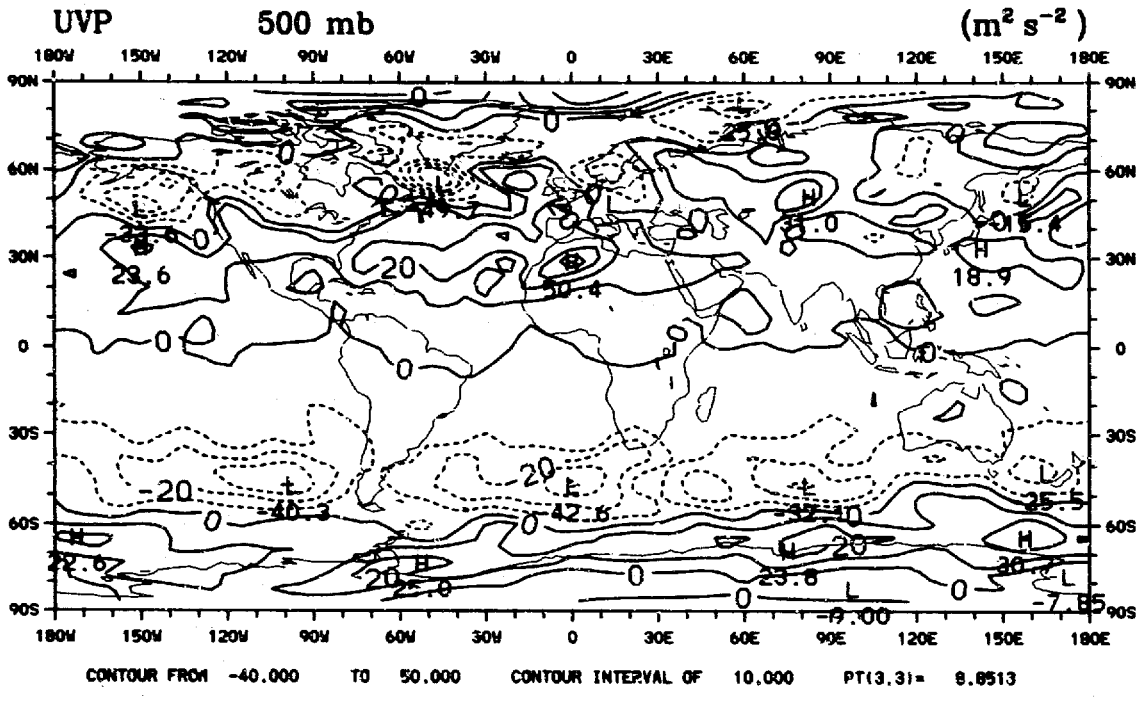

FRAME 1.88

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



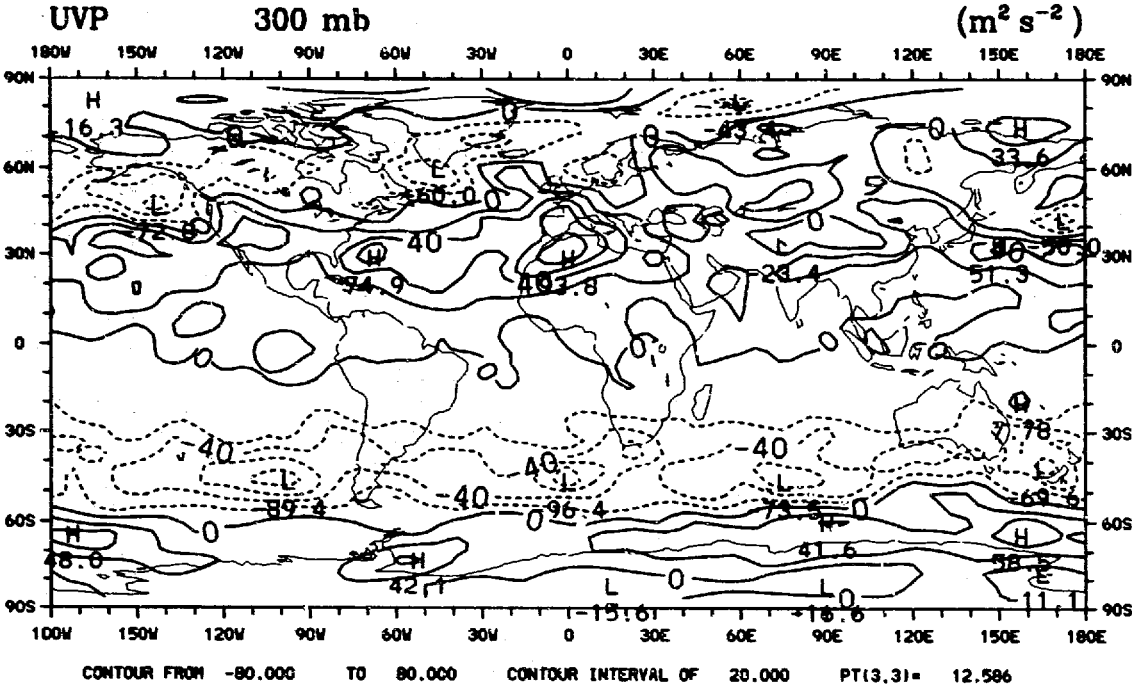

FRAME 1.89

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



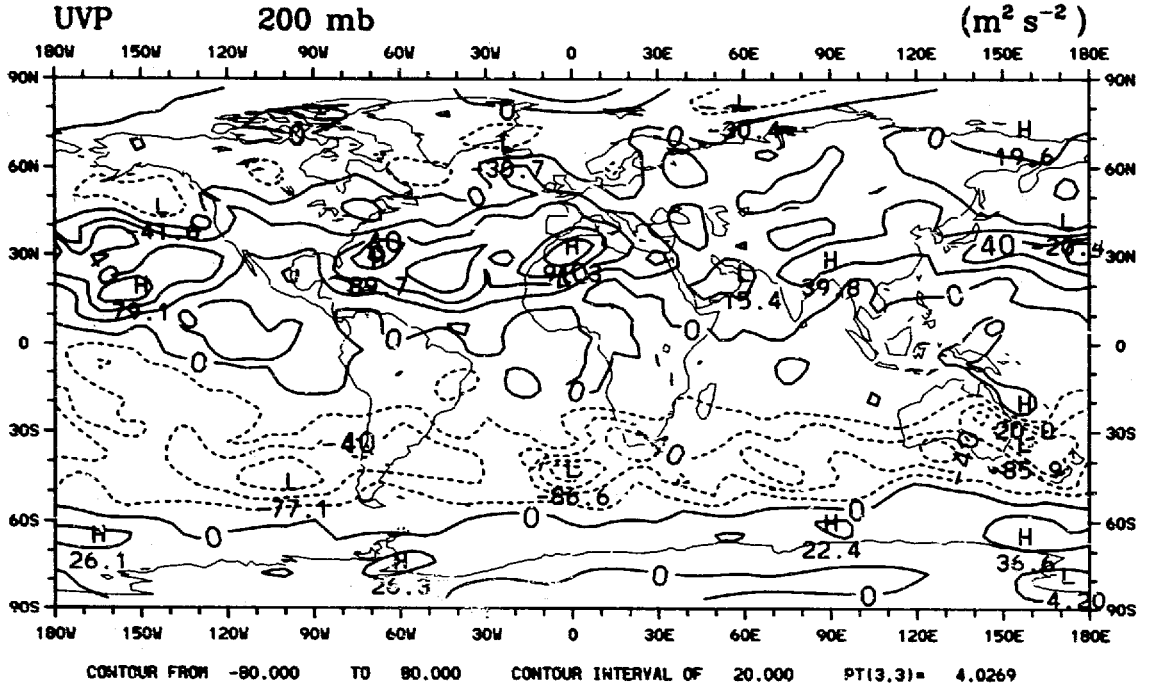

FRAME 1.90

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

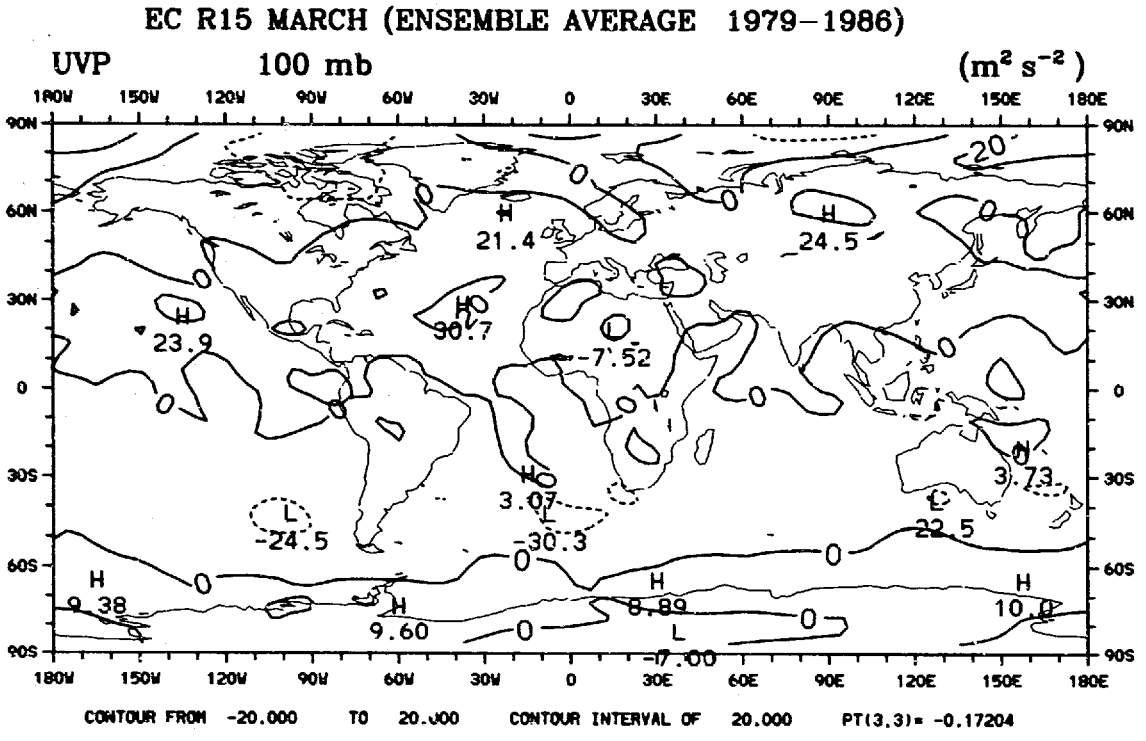



FRAME 1.91

EC R15 MARCH (ENSEMBLE AVERAGE 1978-1986)

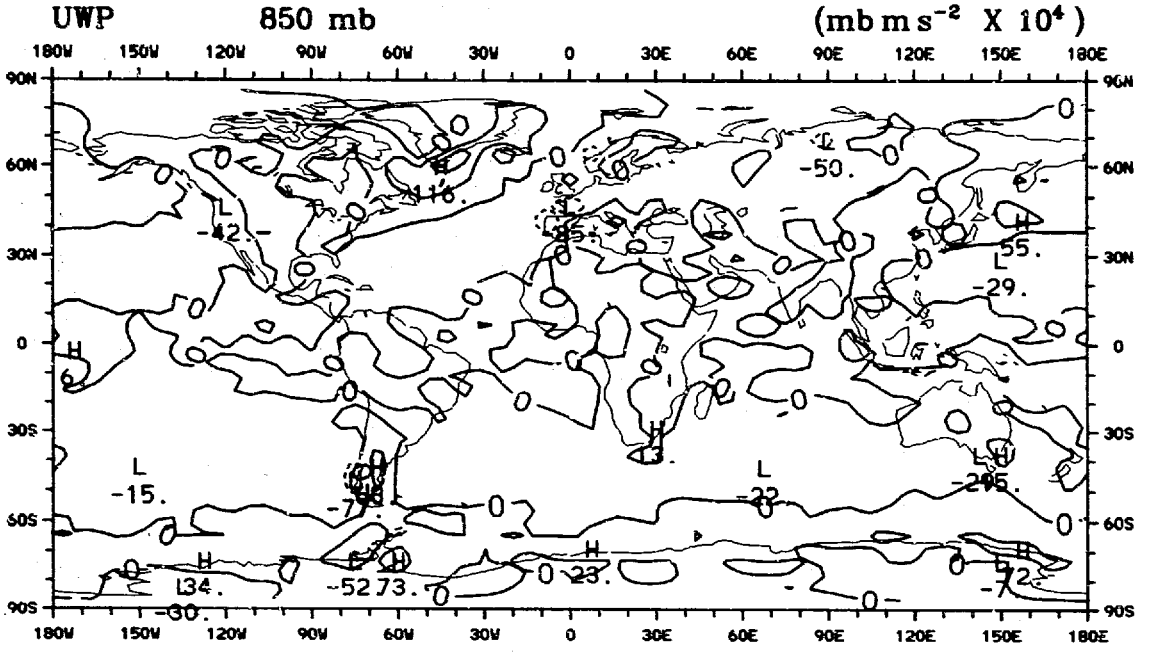



FRAME 1.92


EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)
UVP
100 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 21.4
H 24.5
H 23.9
H 30.7
-7.52
H 3.07
L -24.5
L -30.3
H 3.73
L 22.5
H 9.38
H 9.60
H 8.89
L -7.00
H 10.0
20
0
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= -0.17204

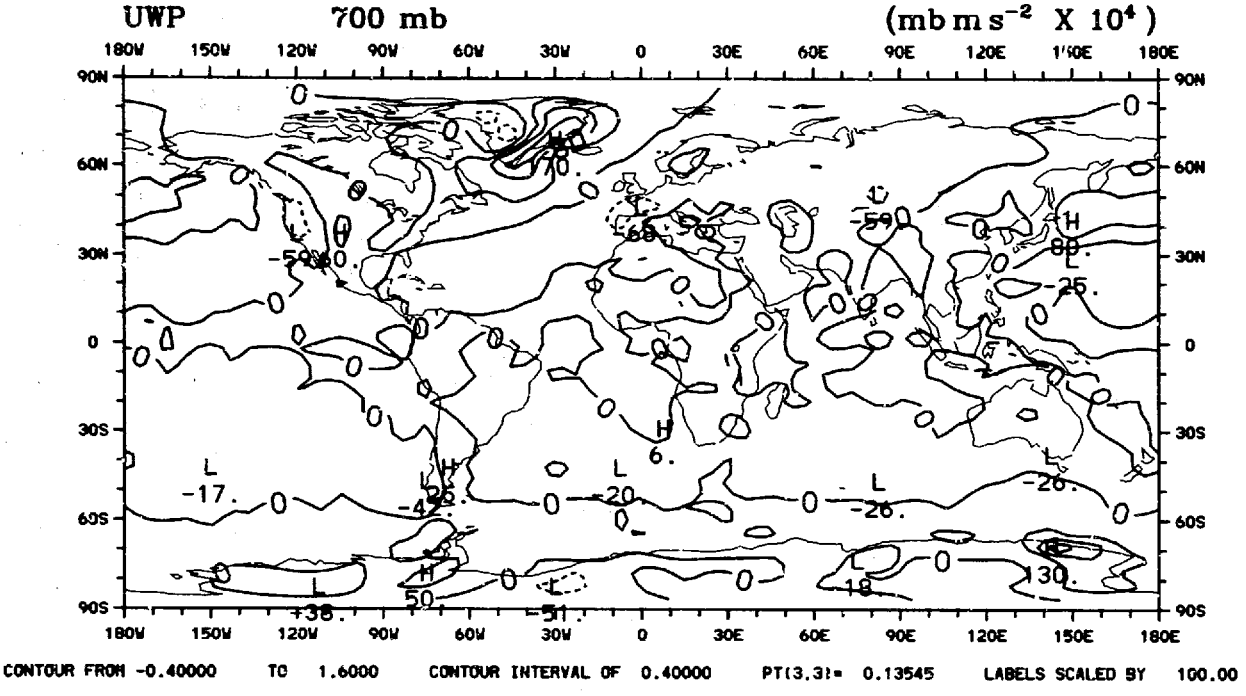
FRAME 1.93

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



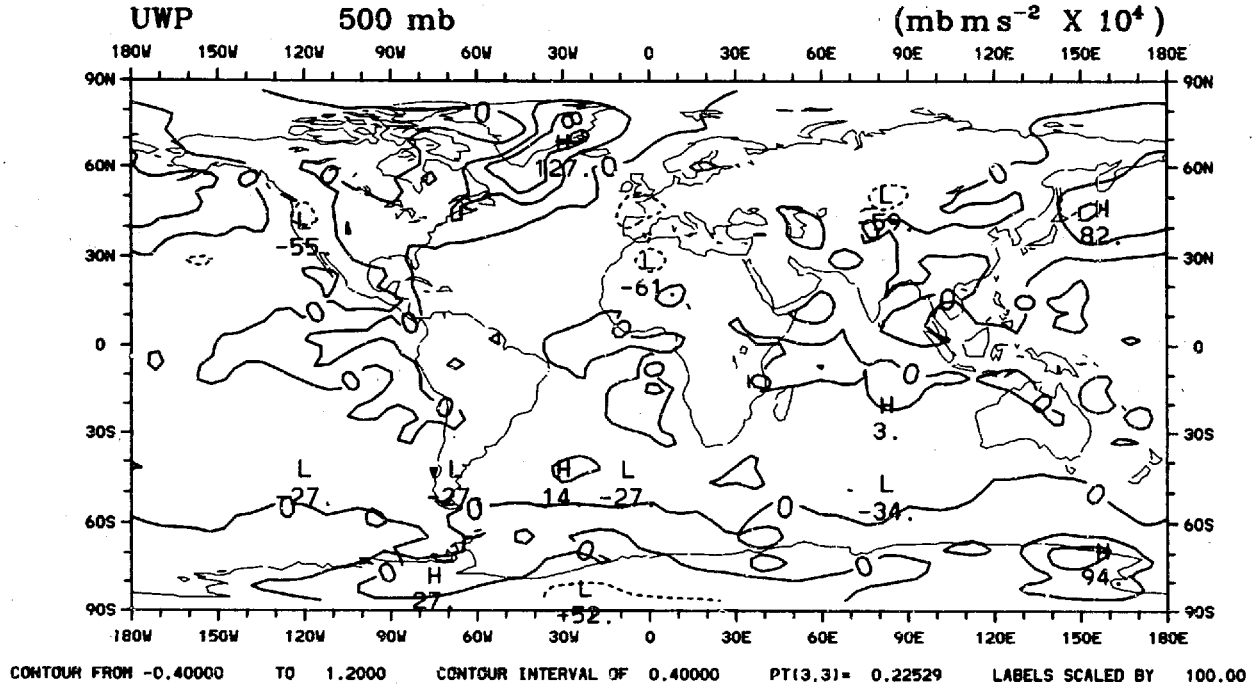

FRAME 1.94

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.95

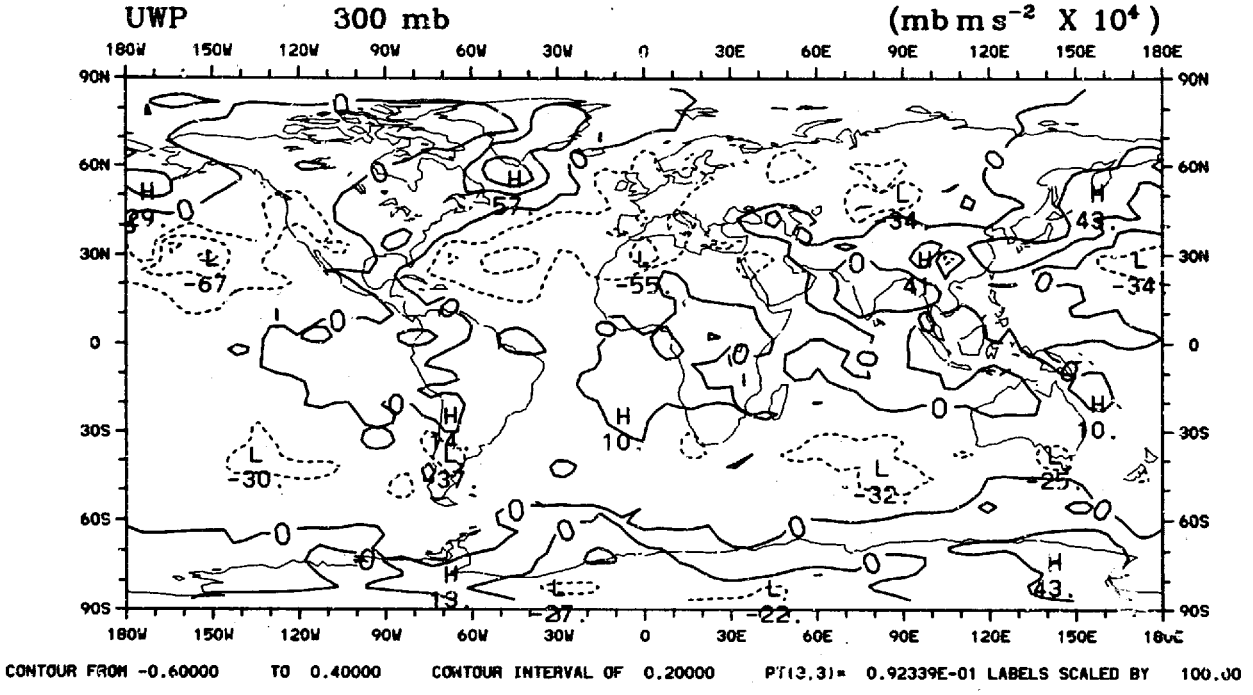
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.22529 LABELS SCALED BY 100.00

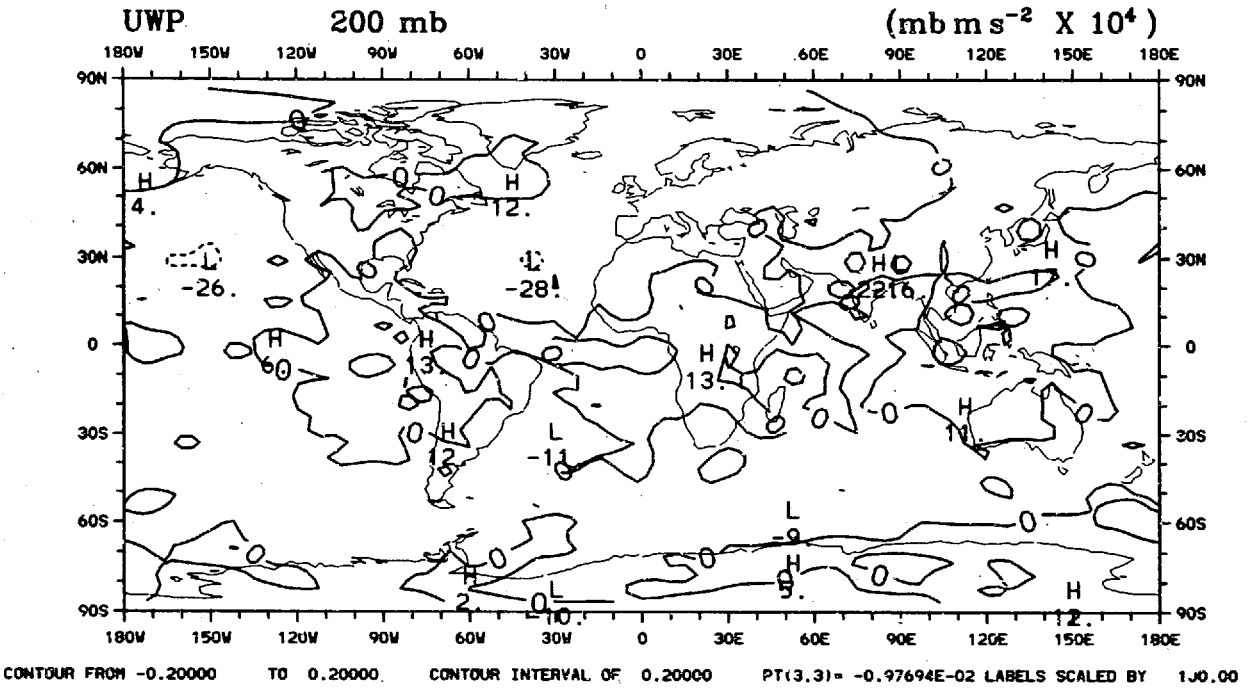
FRAME 1.96

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



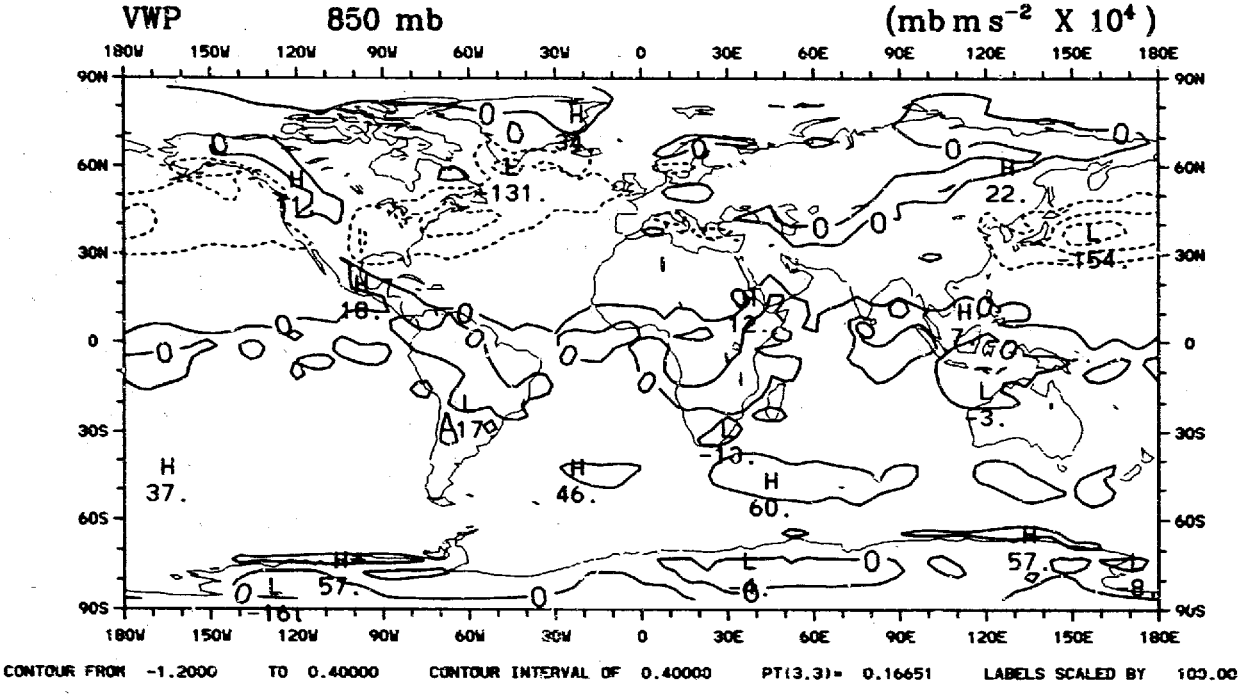

FRAME 1.97

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.98

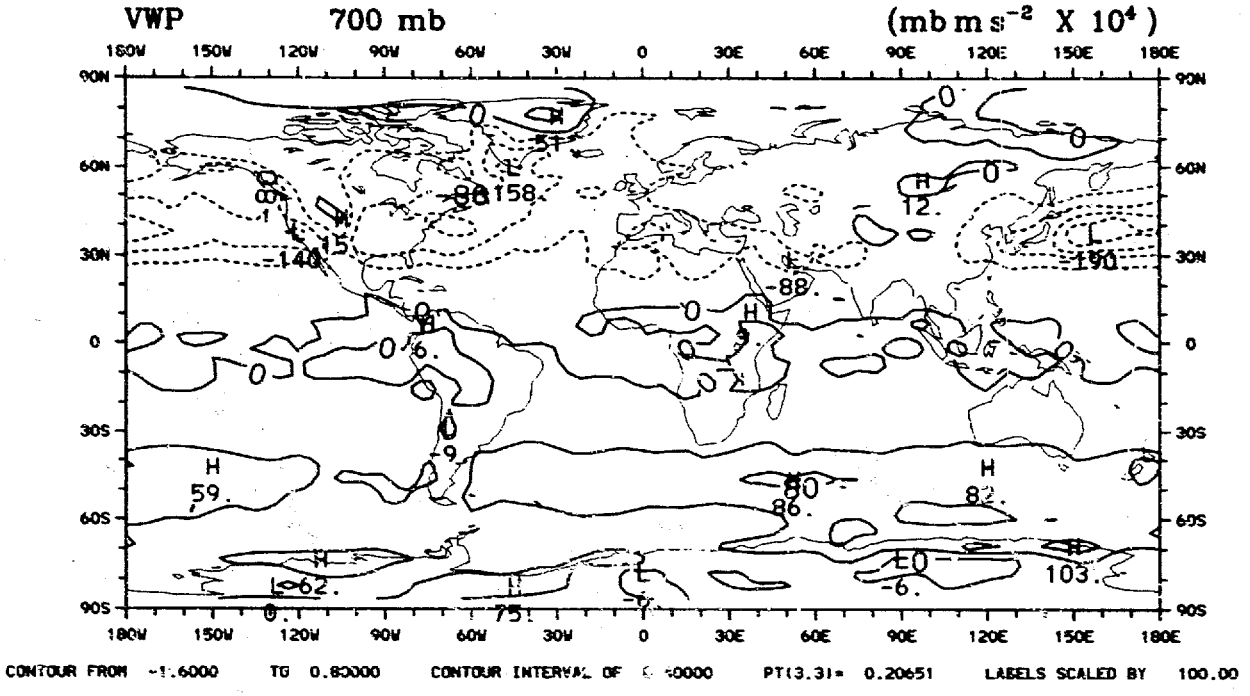
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -1.2000 TO 0.40000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.16651 LABELS SCALED BY 100.00

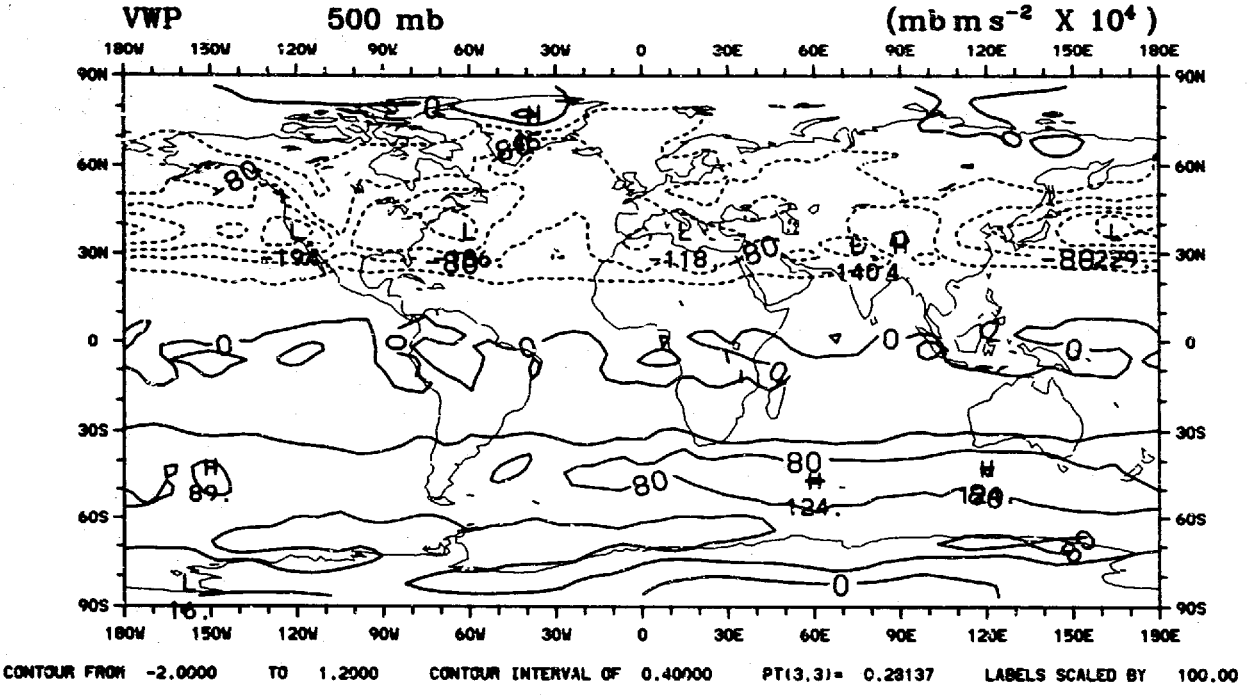
FRAME 1.99

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



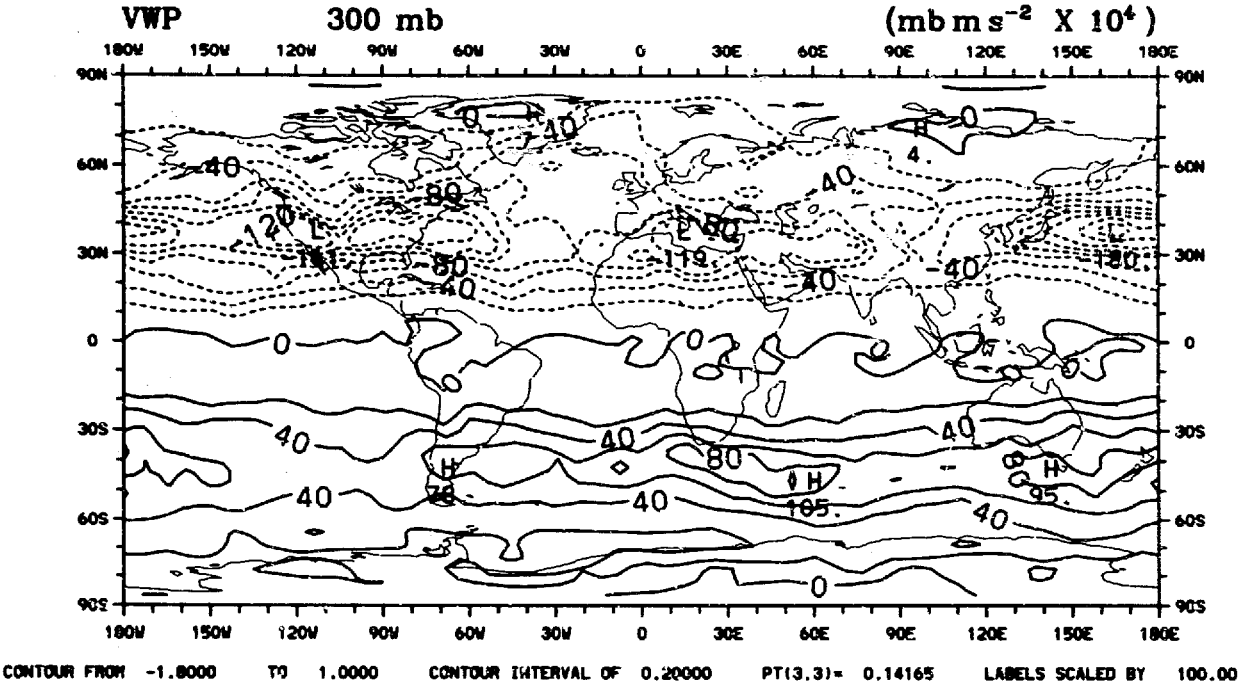

FRAME 1.100

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



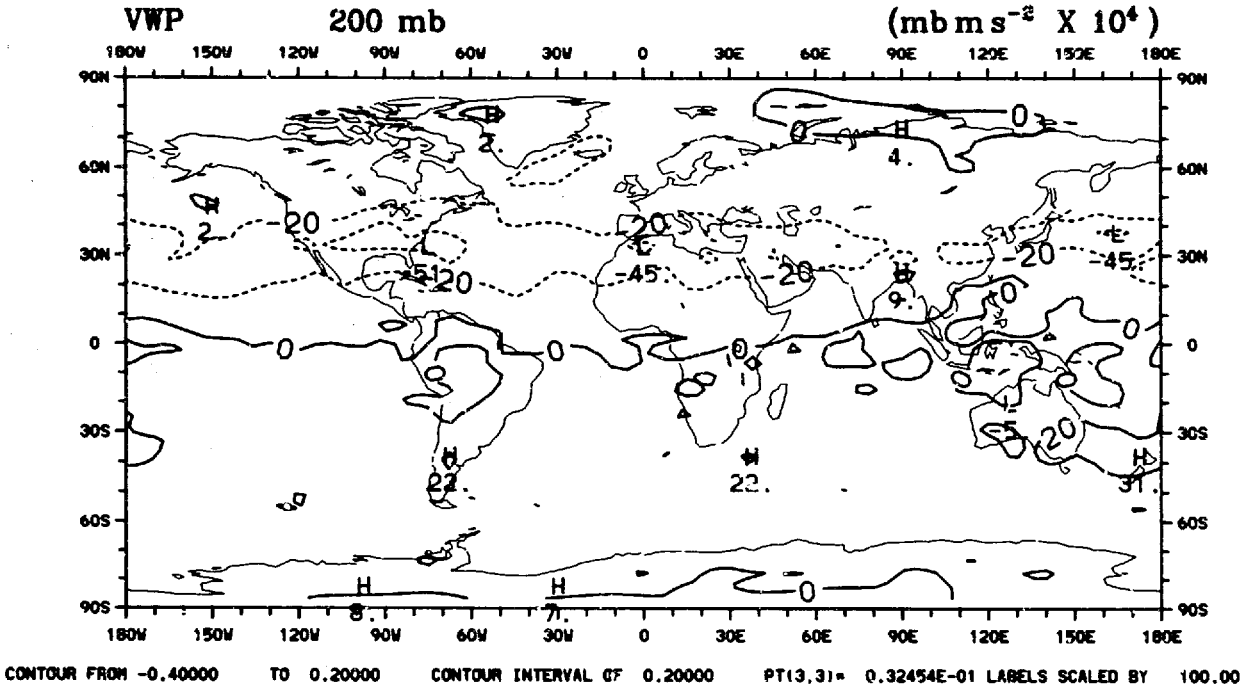

FRAME 1.101

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



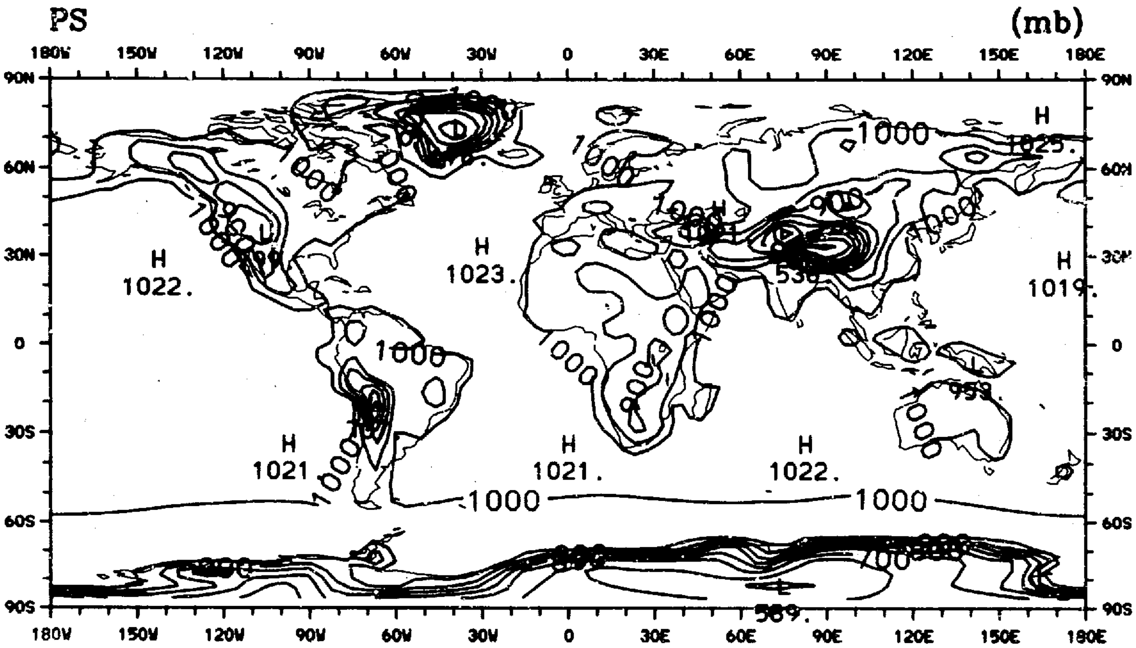

FRAME 1_102

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.103

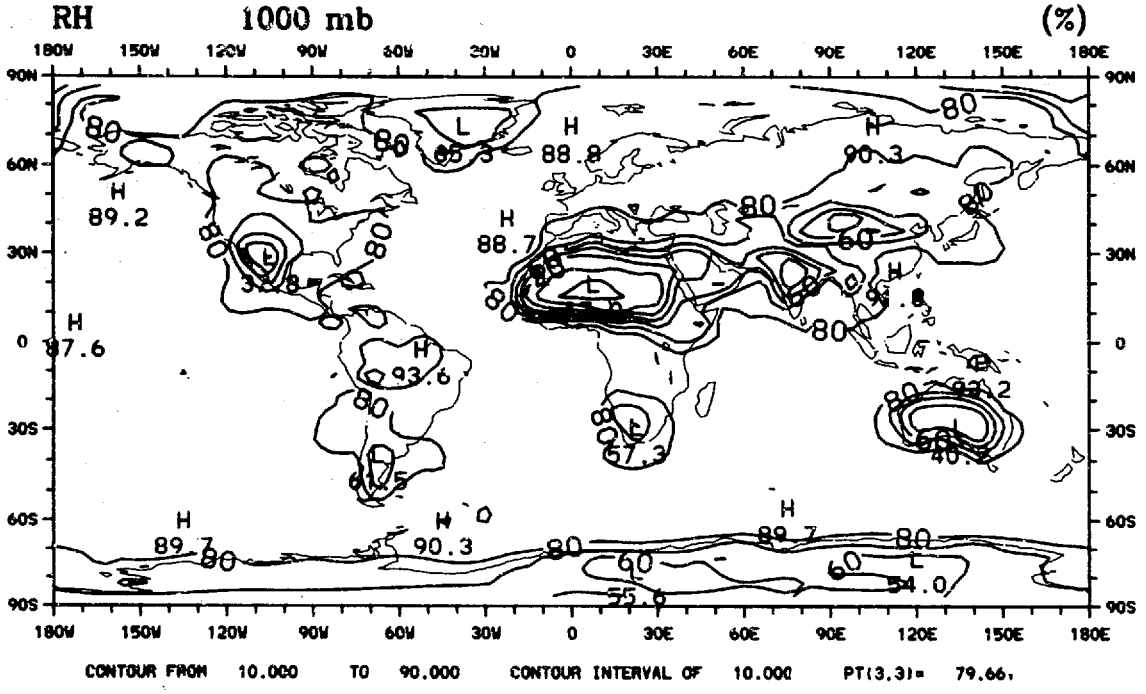
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 98214. LABELS SCALED BY 0.10000E-01

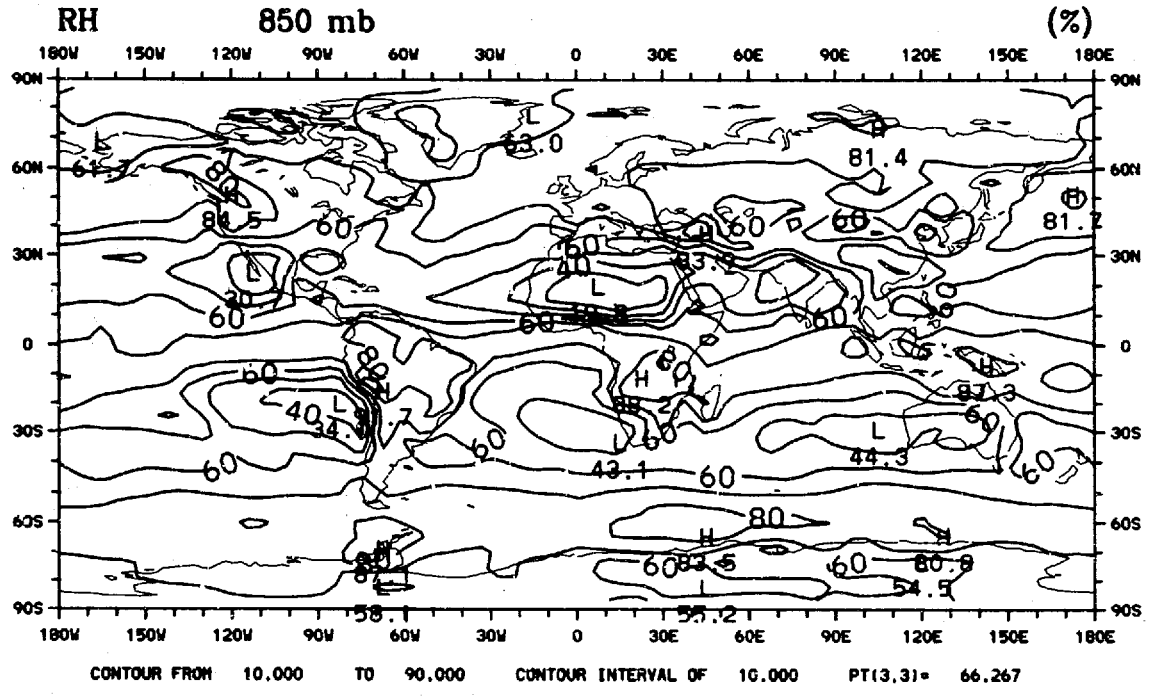
FRAME 1.104

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



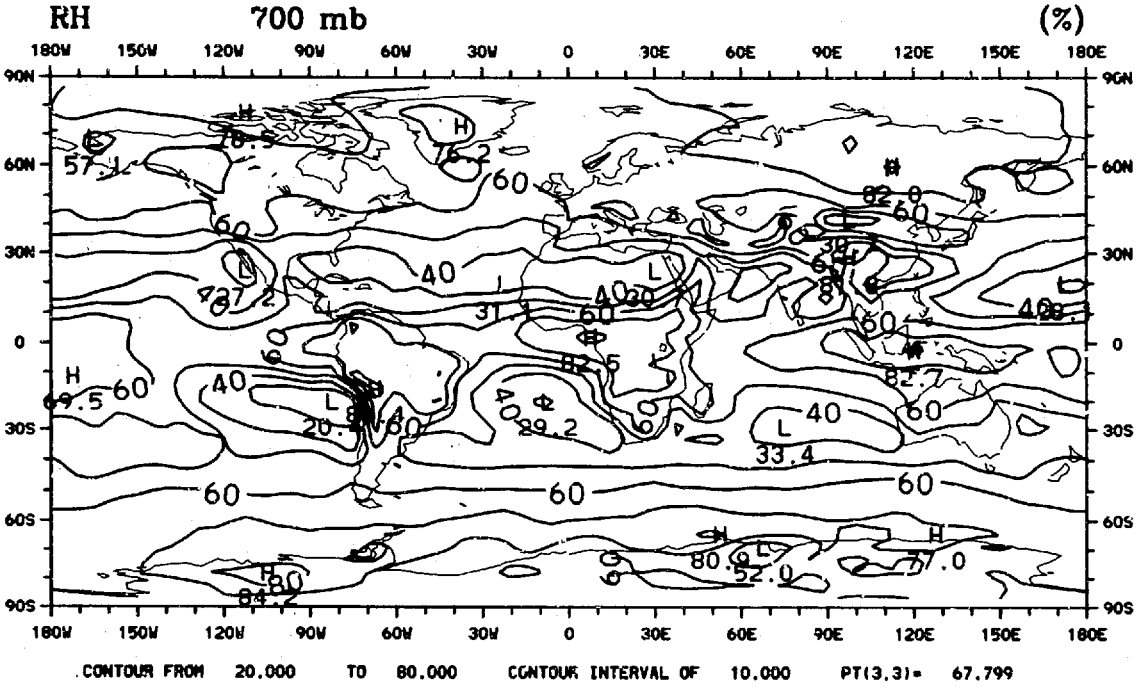

FRAME 1.105

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



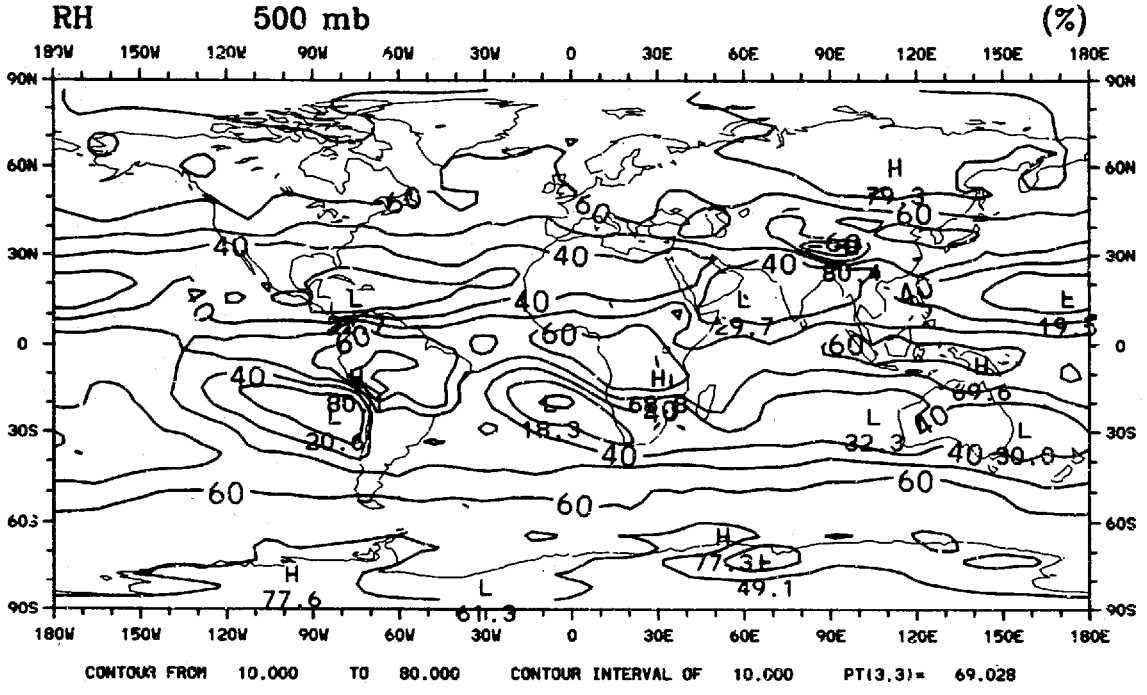

FRAME 1.106

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



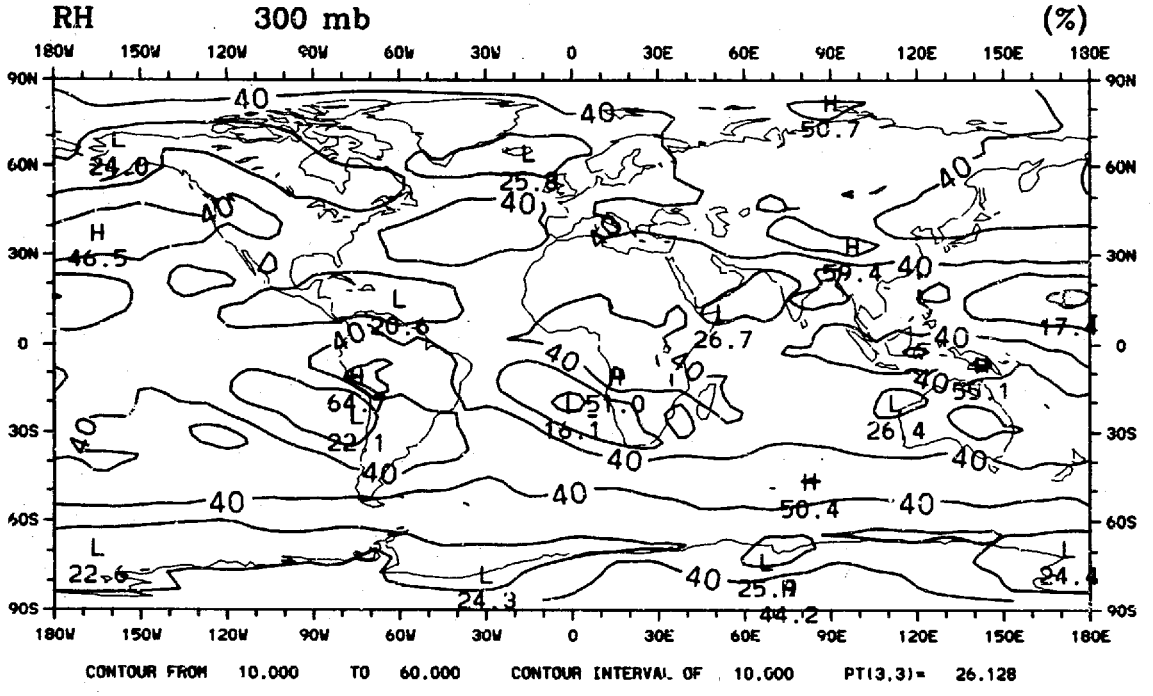

FRAME 1.107

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



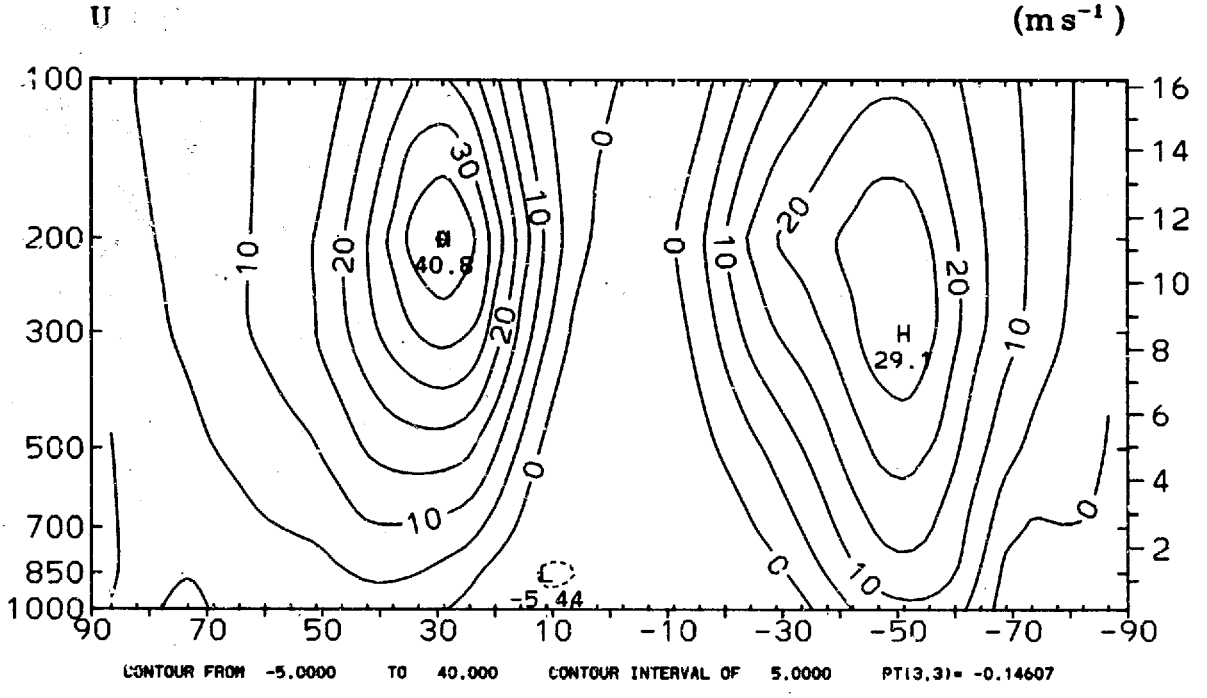

FRAME 1,109

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



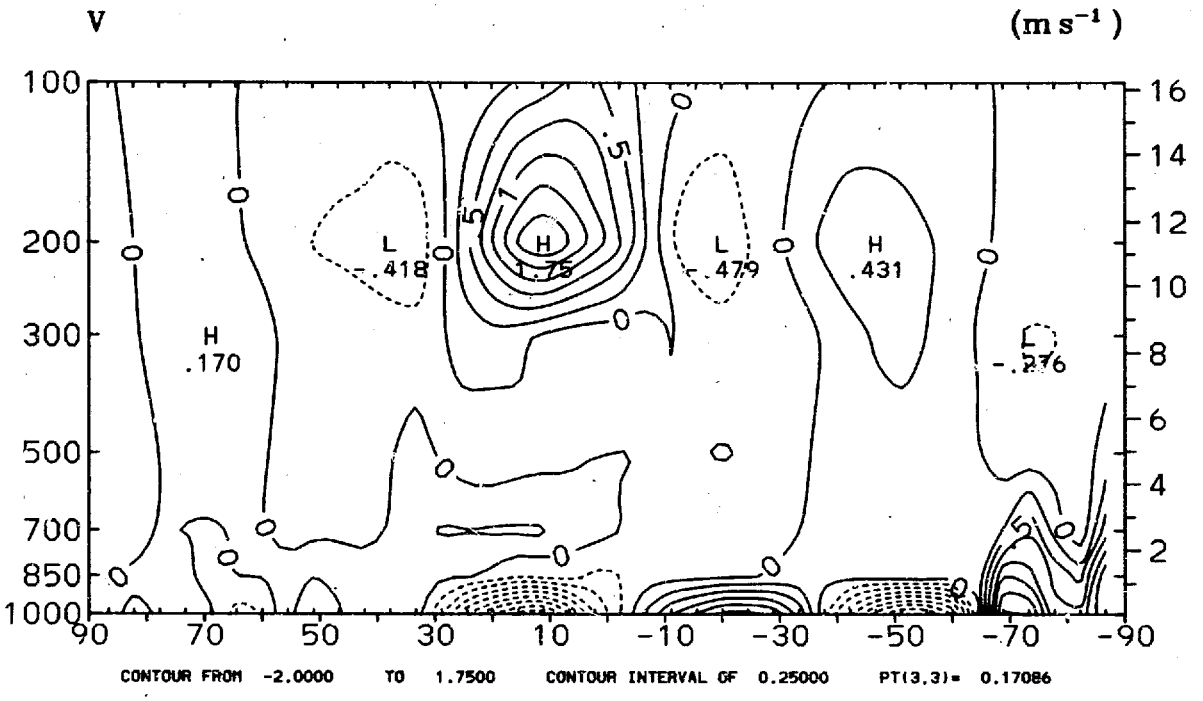

FRAME 1.109

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



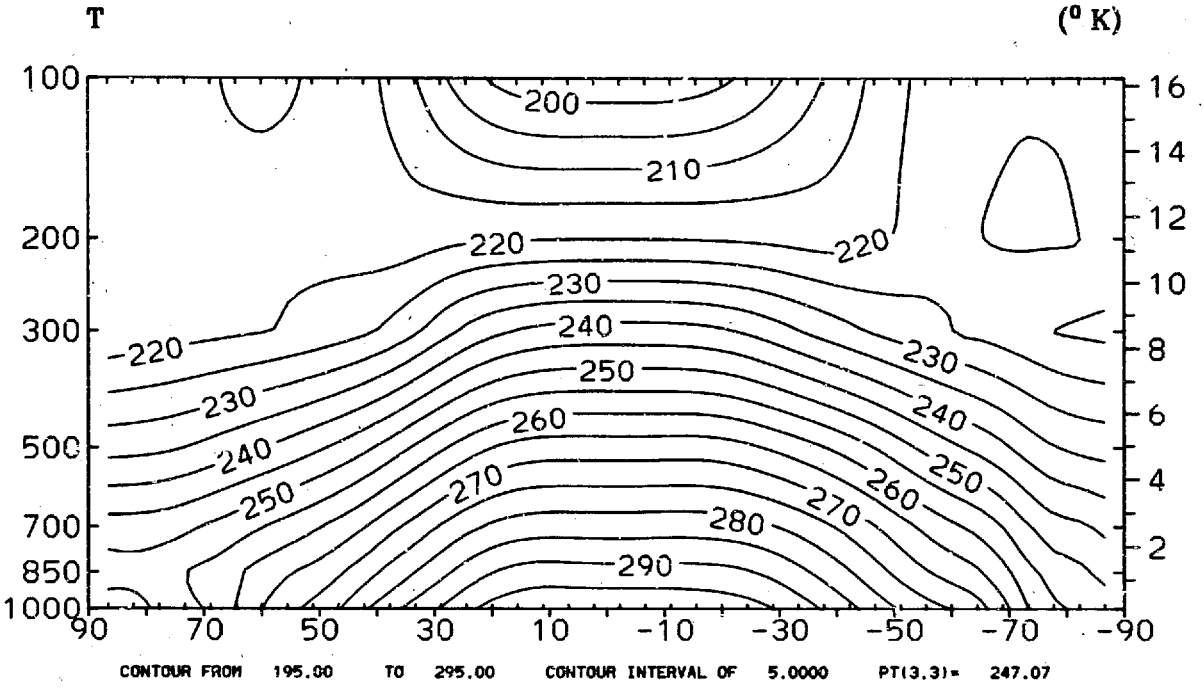

FRAME 1.110

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.111

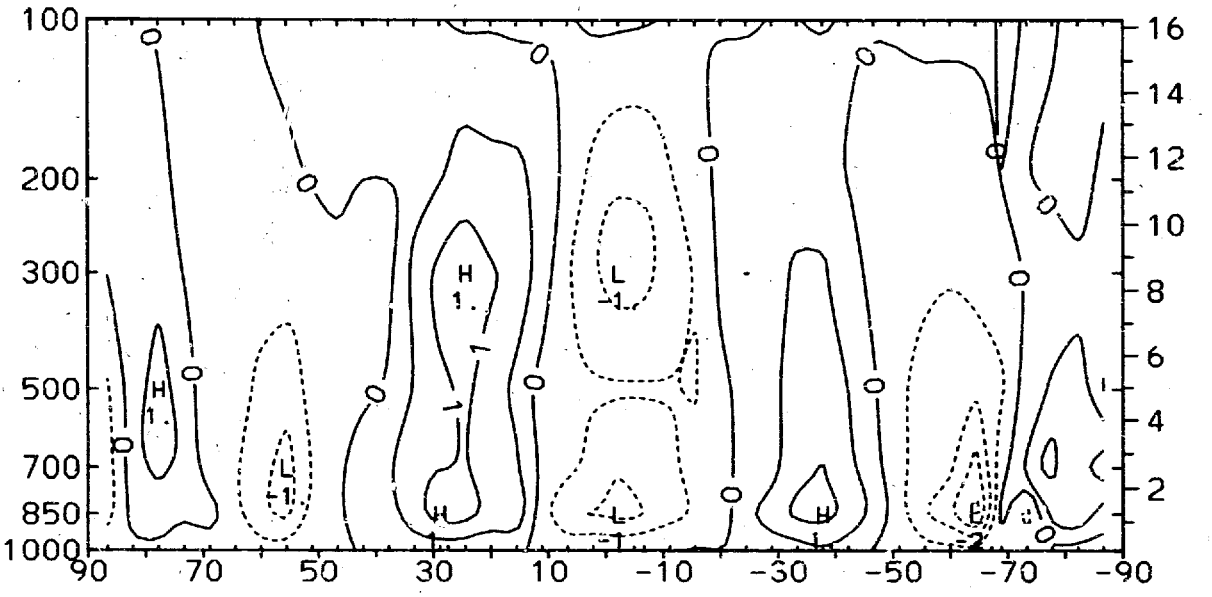
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

OMEGA (mb $s^{-1}$ X $10^4$)

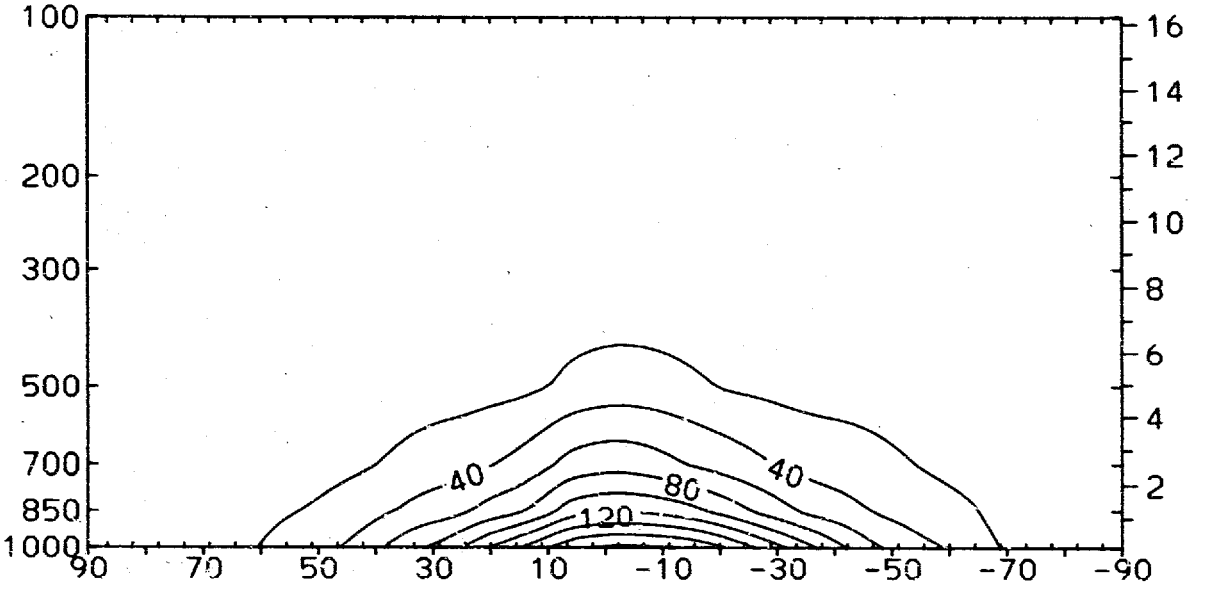



CONTOUR FROM -0.20000E-01 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.45728E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

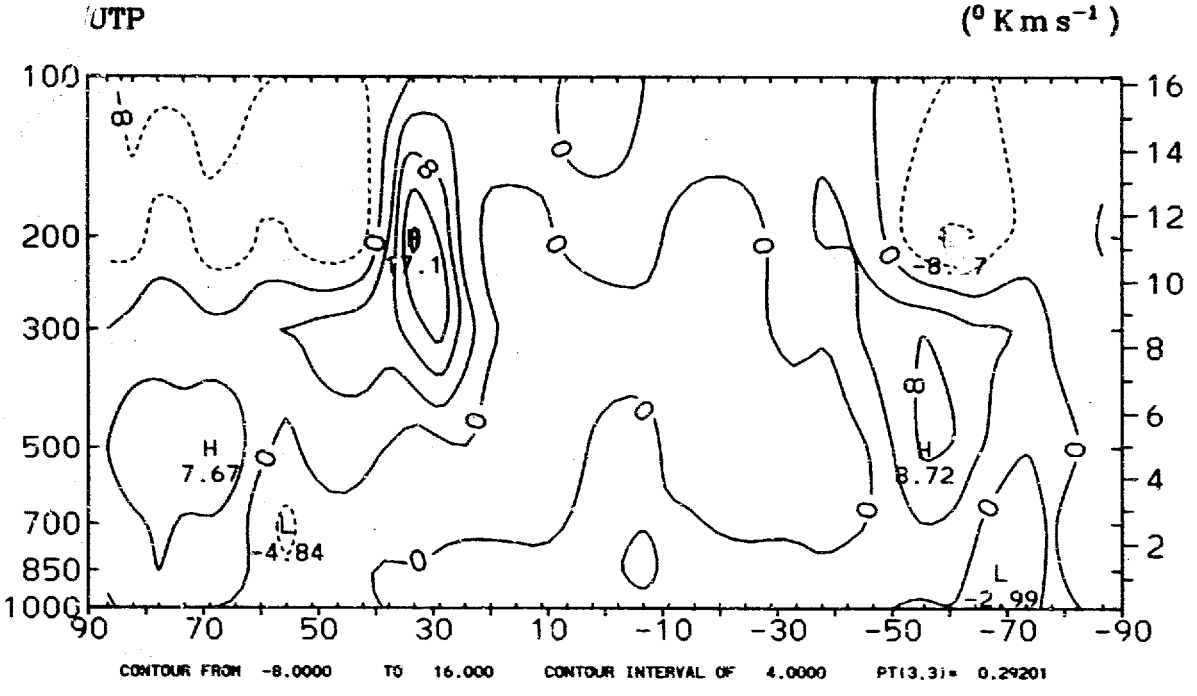
Q (g kg$^{-1}$ X 10)




CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.58245E-03 LABELS SCALED BY 10000.

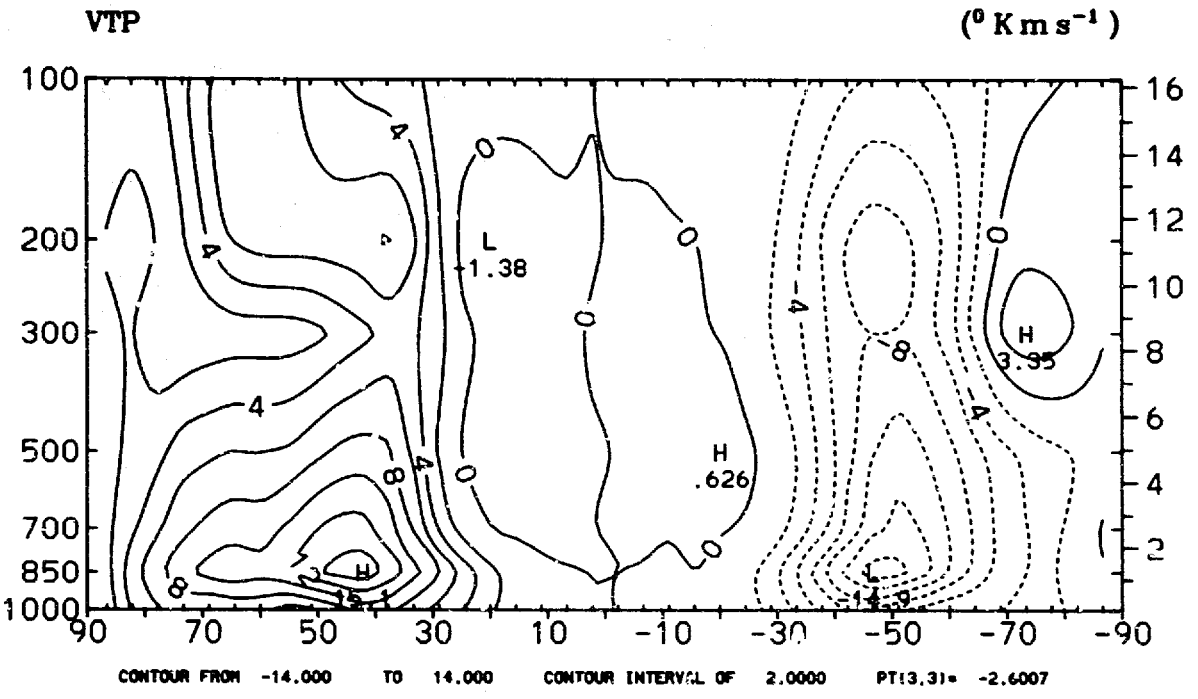
FRAME 1.114

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.115

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

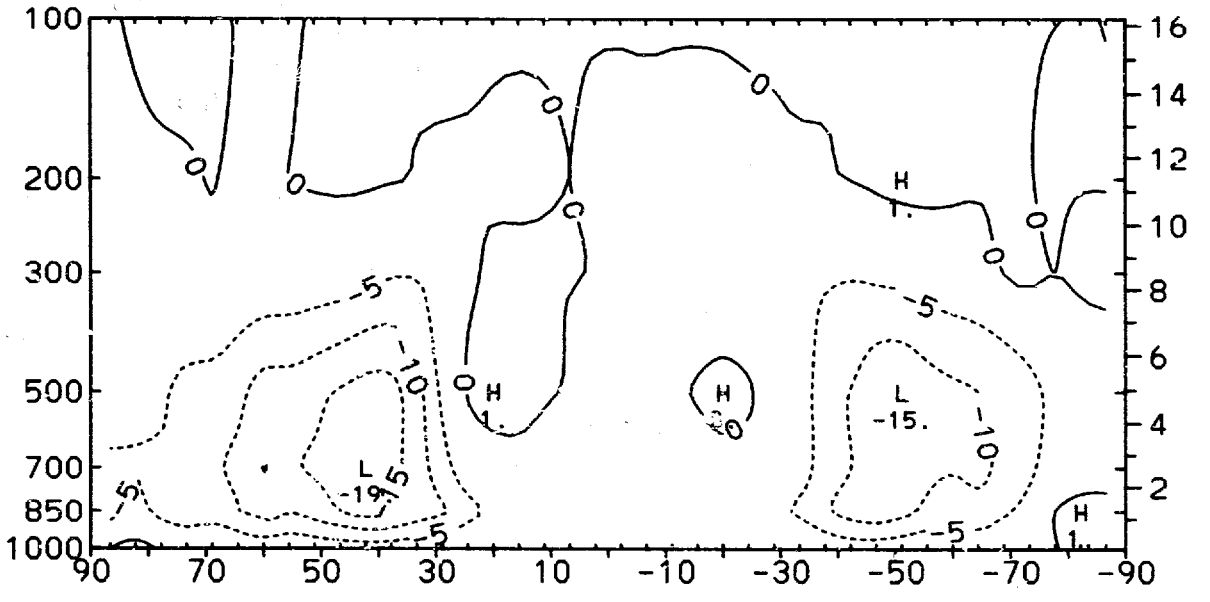



FRAME 1.116

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

WTP

($^0$ K m b s$^{-1}$ X $10^4$)

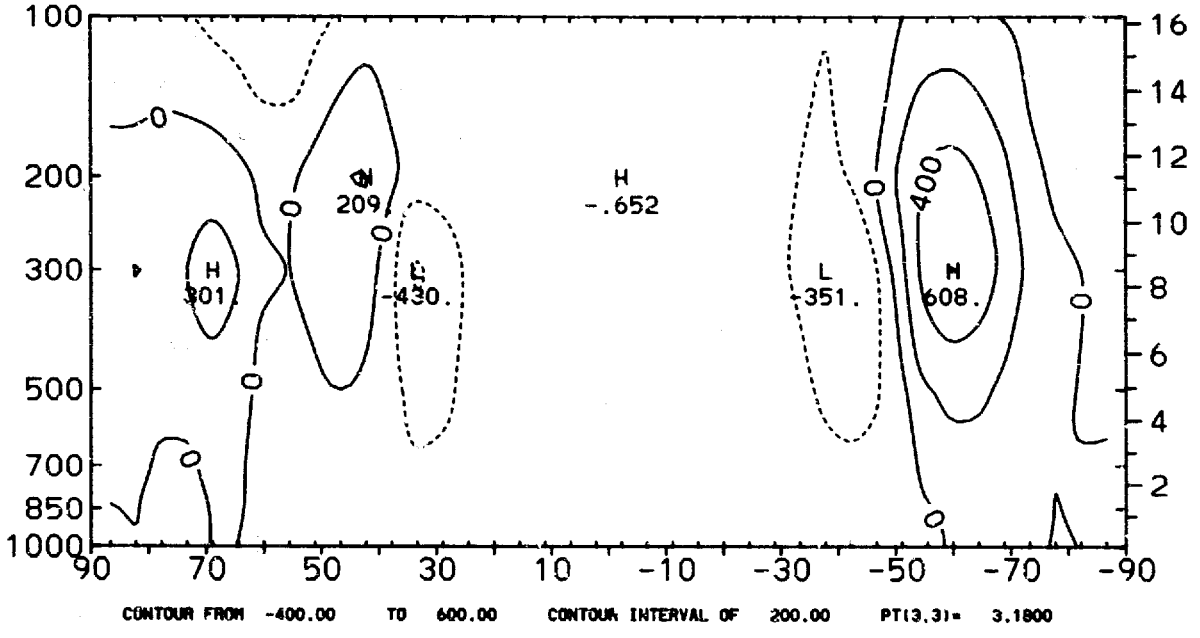



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.17539E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

UZP $(m^2 s^{-1})$

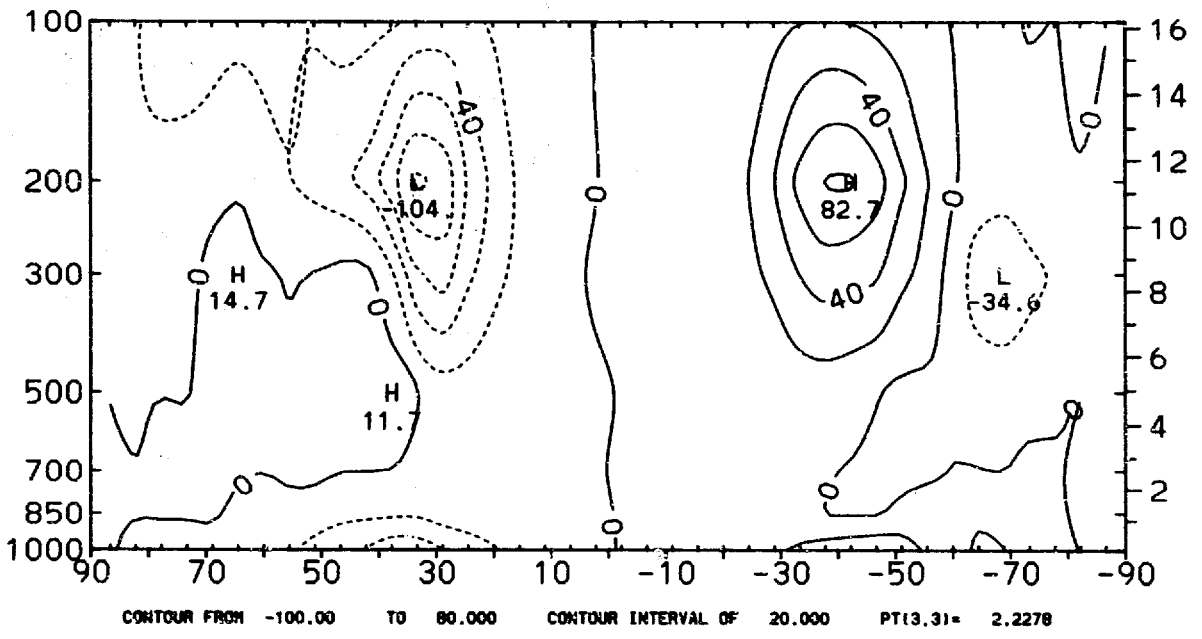



CONTOUR FROM -400.00 TO 600.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 3.1800

FRAME 1.118

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

VZP $(m^2 s^{-1})$

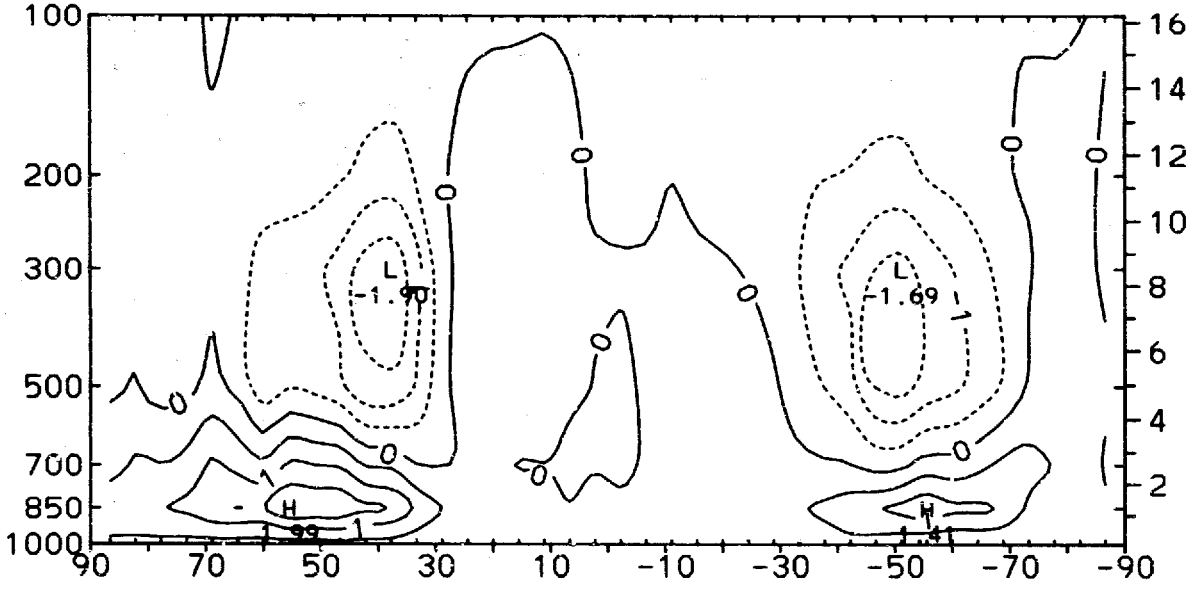



CONTOUR FROM -100.00 TO 80.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= 2.2278

FRAME 1.119

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

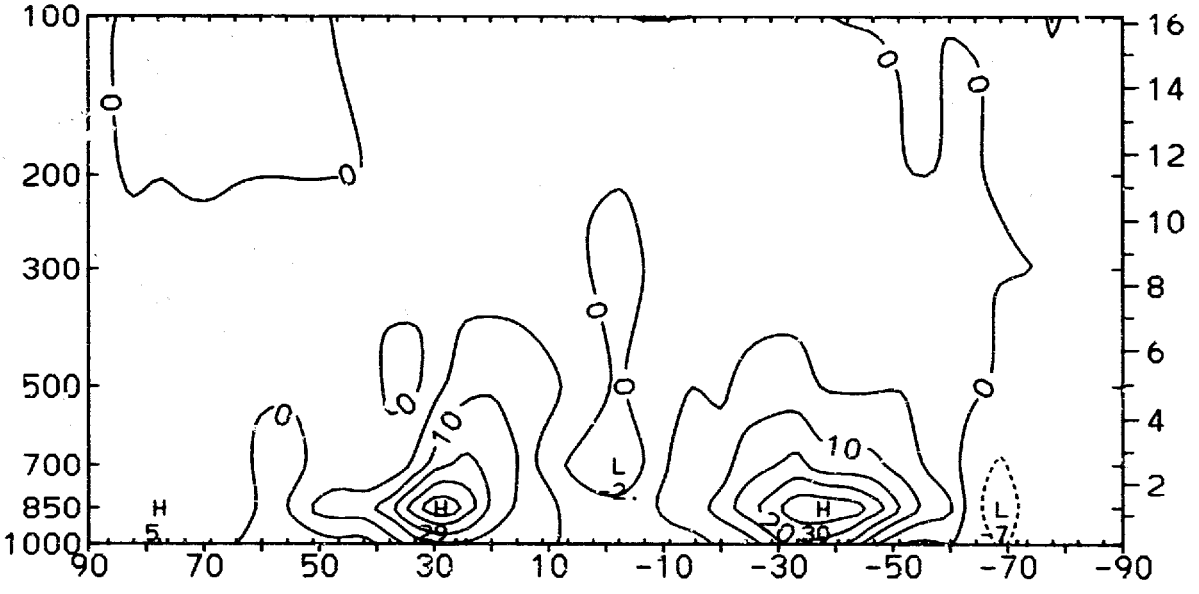
WZP (mb m $s^{-1}$ X $10^2$)




FRAME 1.120

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

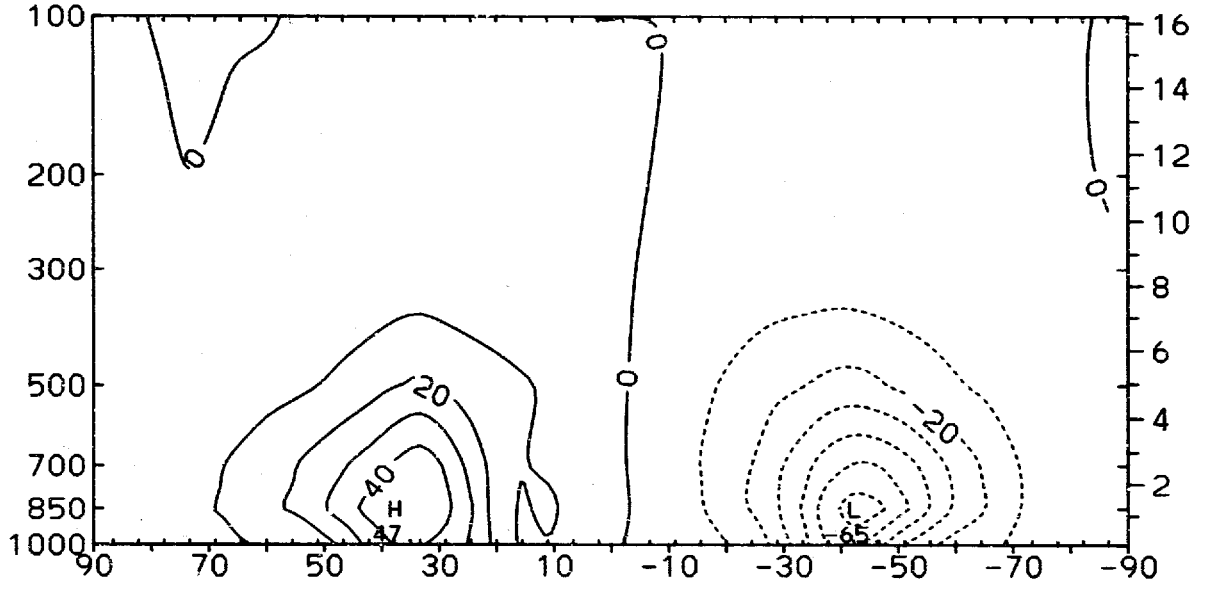



CONTOUR FROM -0.50000E-03 TO 0.25000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.15047E-03 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

VQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

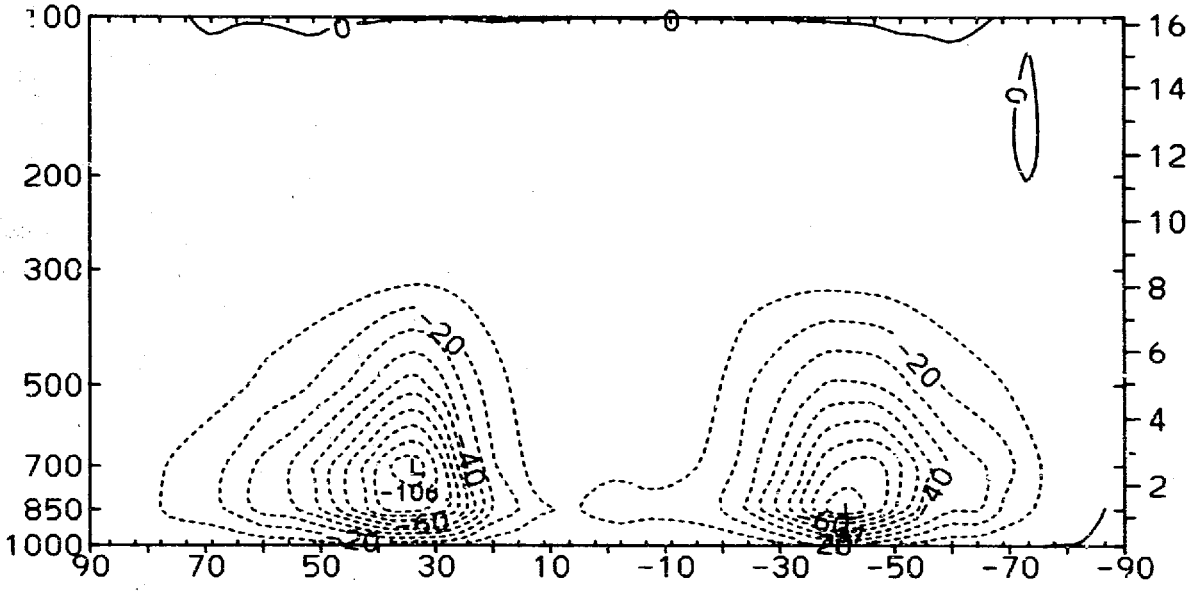



CONTOUR FROM -0.60000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.41645E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

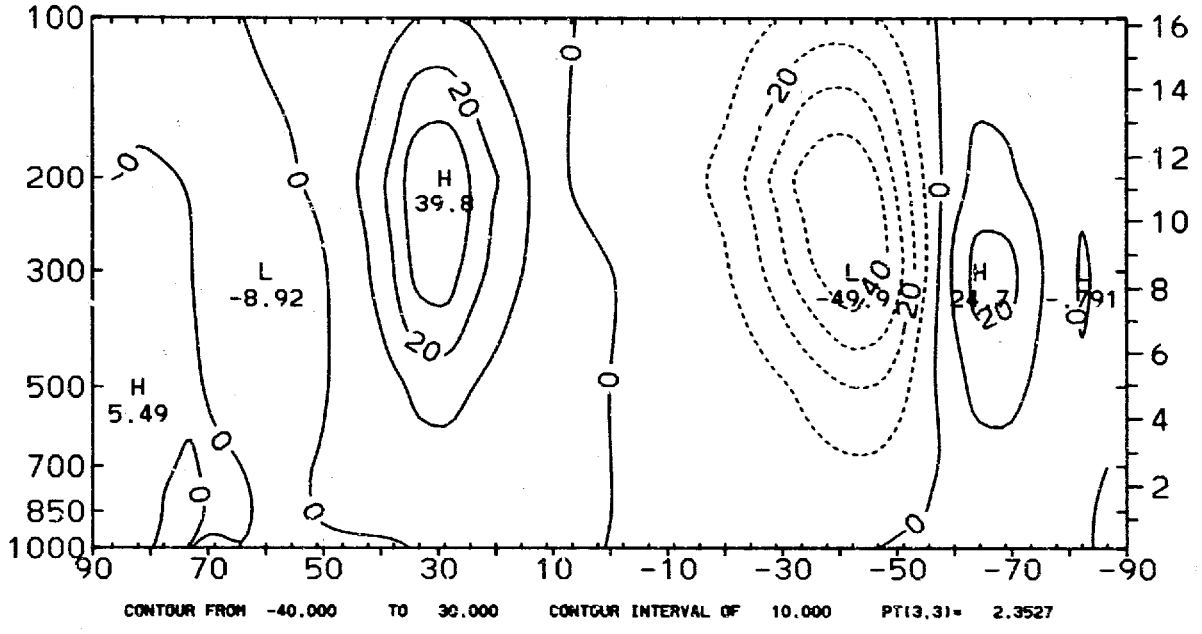



CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.63056E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

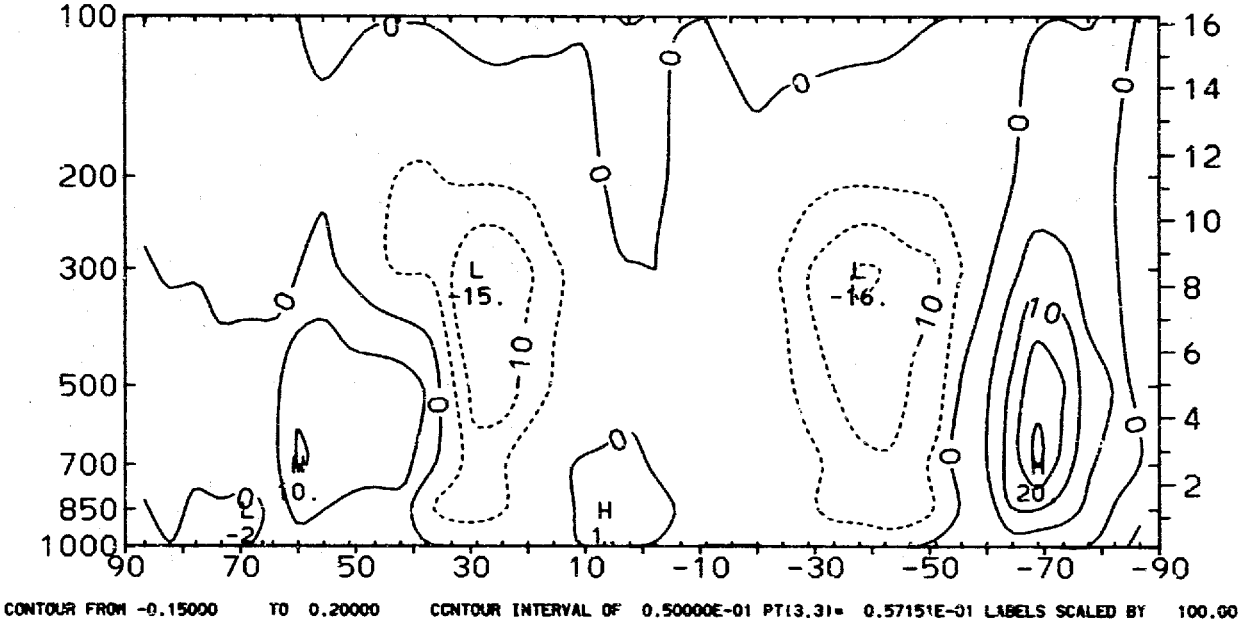
UVP ($m^2 s^{-2}$)




FRAME 1.124

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

UWP (mb m s$^{-2}$ X 10$^4$)

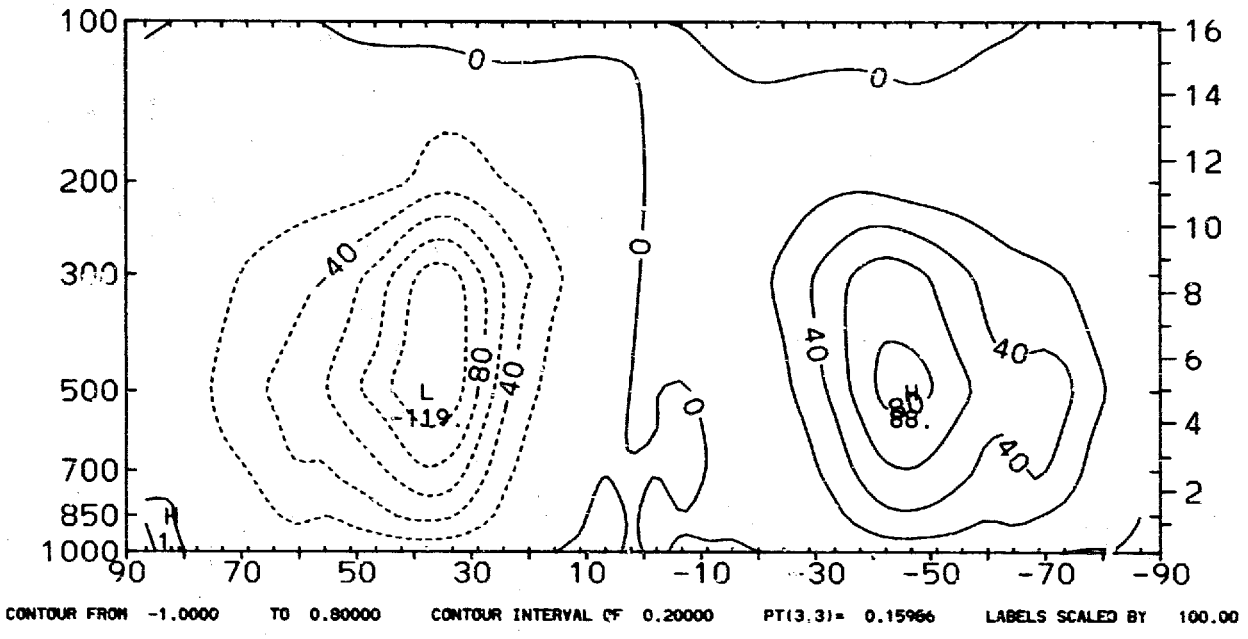



CONTOUR FROM -0.15000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.57151E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

VWP (mb m s$^{-2}$ X 10$^4$)

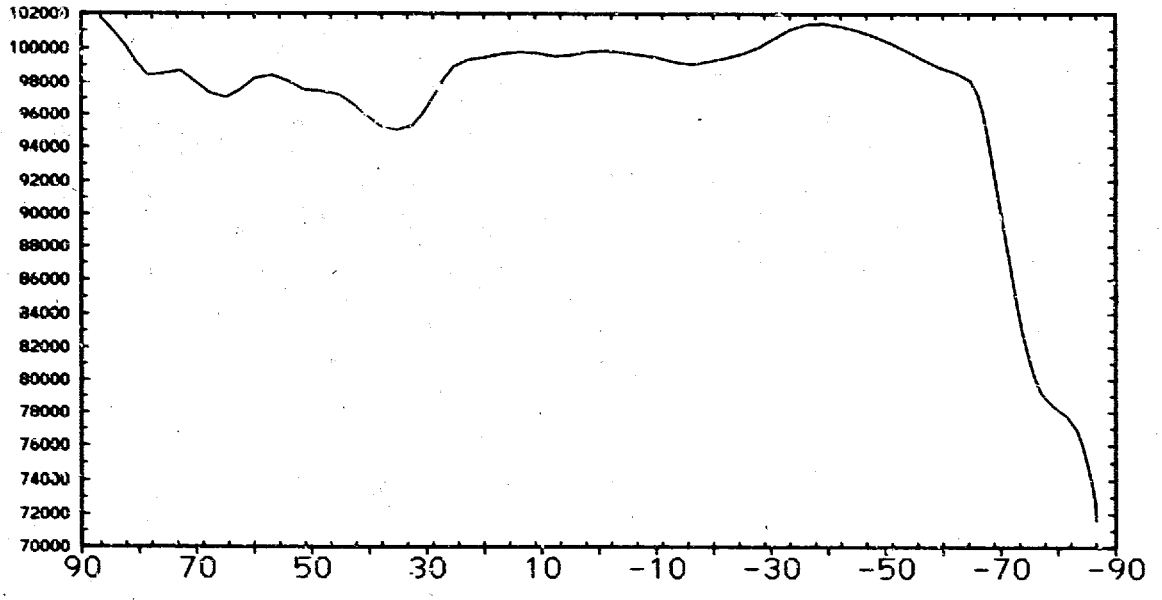



CONTOUR FROM -1.0000 TO 0.80000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.15966 LABELS SCALED BY 100.00

FRAME 1.126

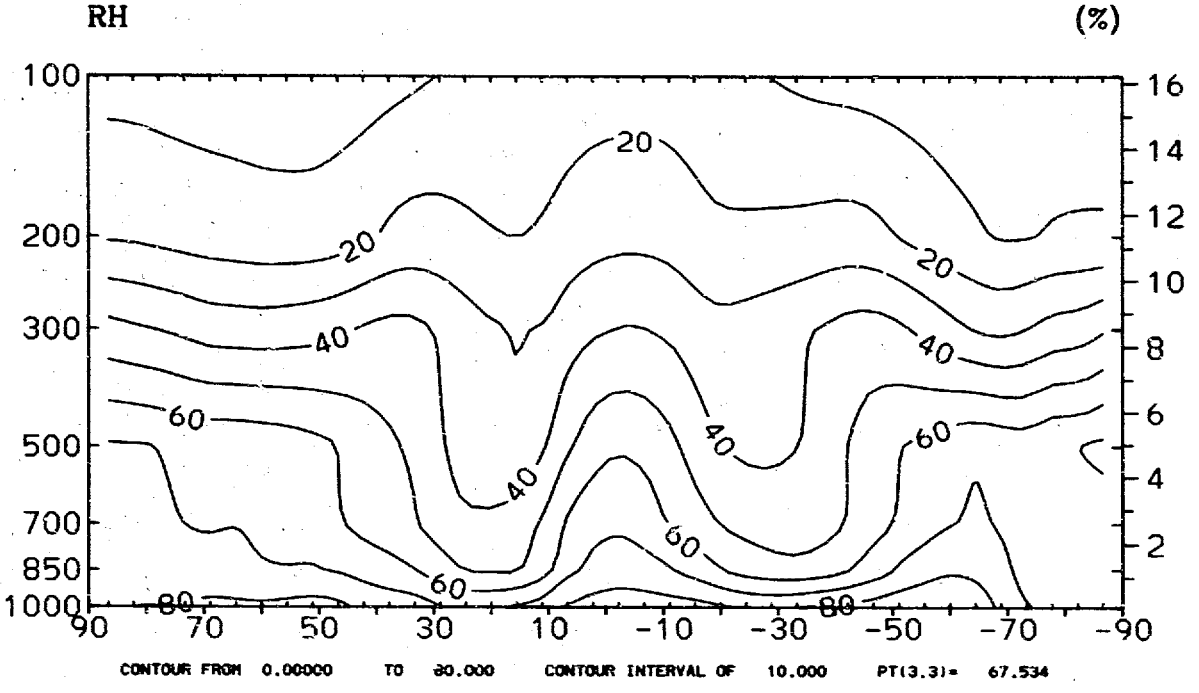
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)

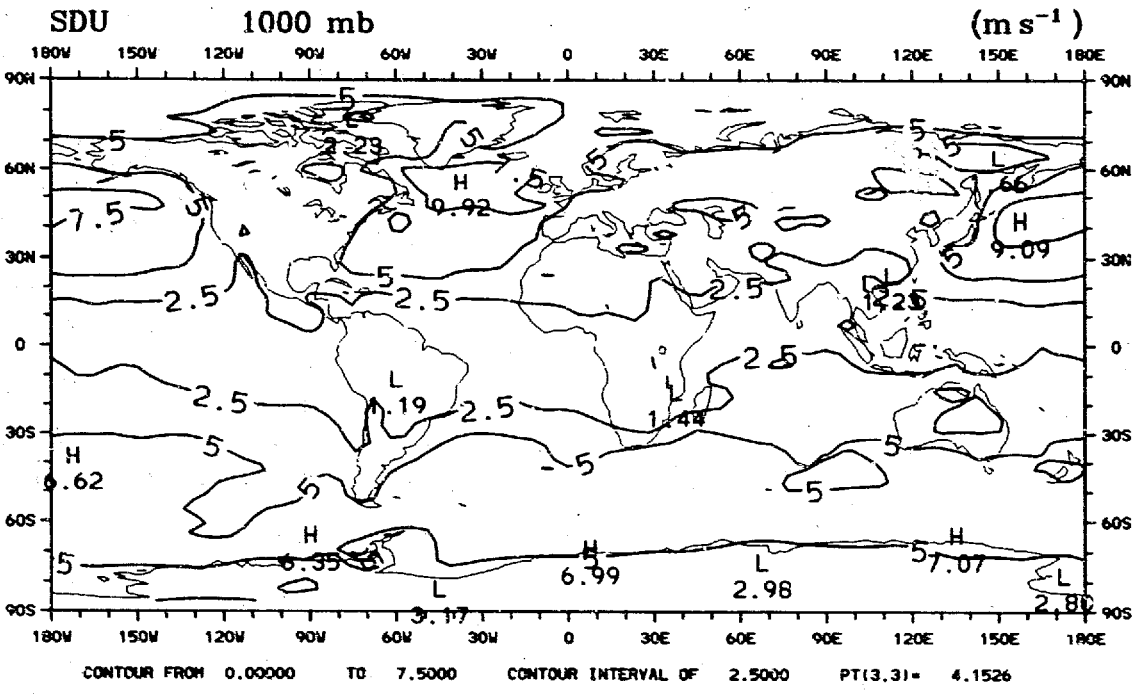



FRAME 1.127

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

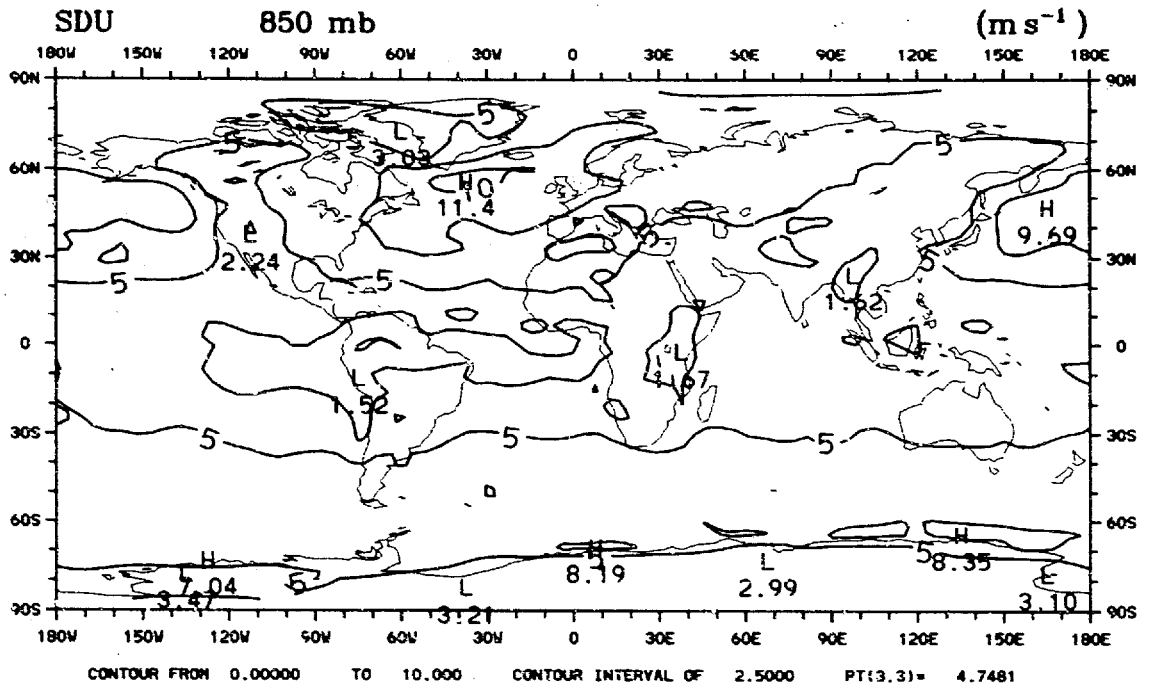



FRAME 1.128


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
SDU
1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 4.1526

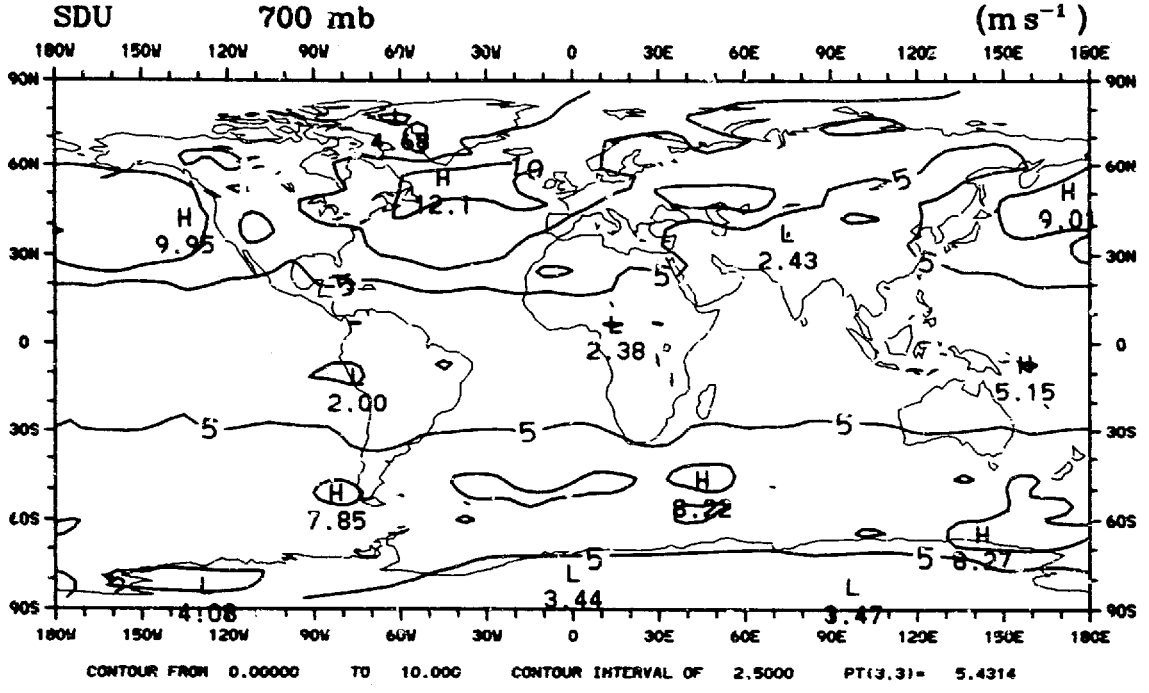
FRAME 2.1

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

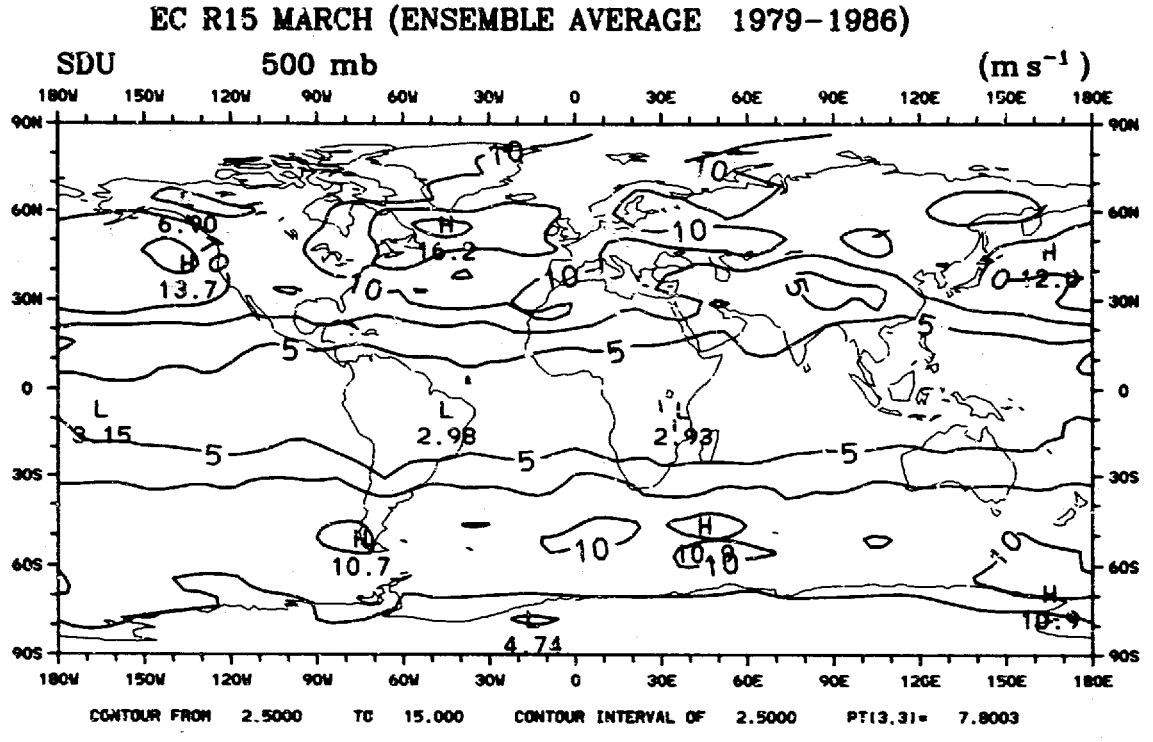



FRAME 2.2

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

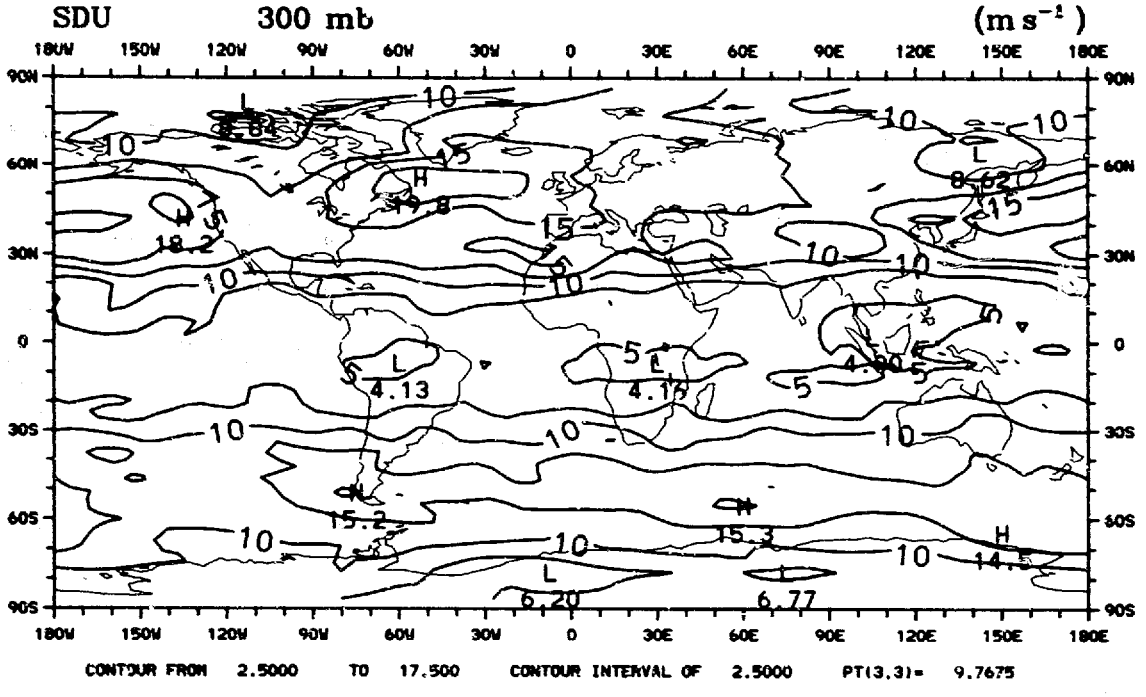



FRAME 2.3


EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
SDU
500 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
6.90
13.7
16.2
12.9
3.15
2.98
2.93
10.7
10.18
10.9
4.74
CONTOUR FROM 2.5000 TO 15.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 7.8003

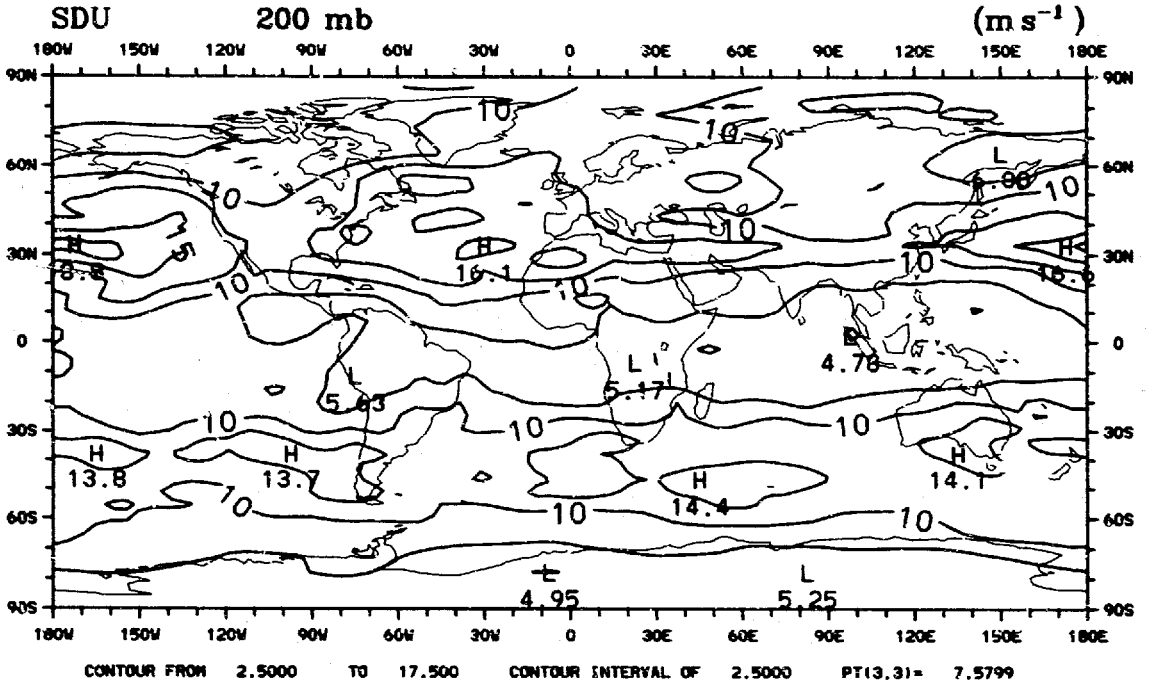
FRAME 2.4

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



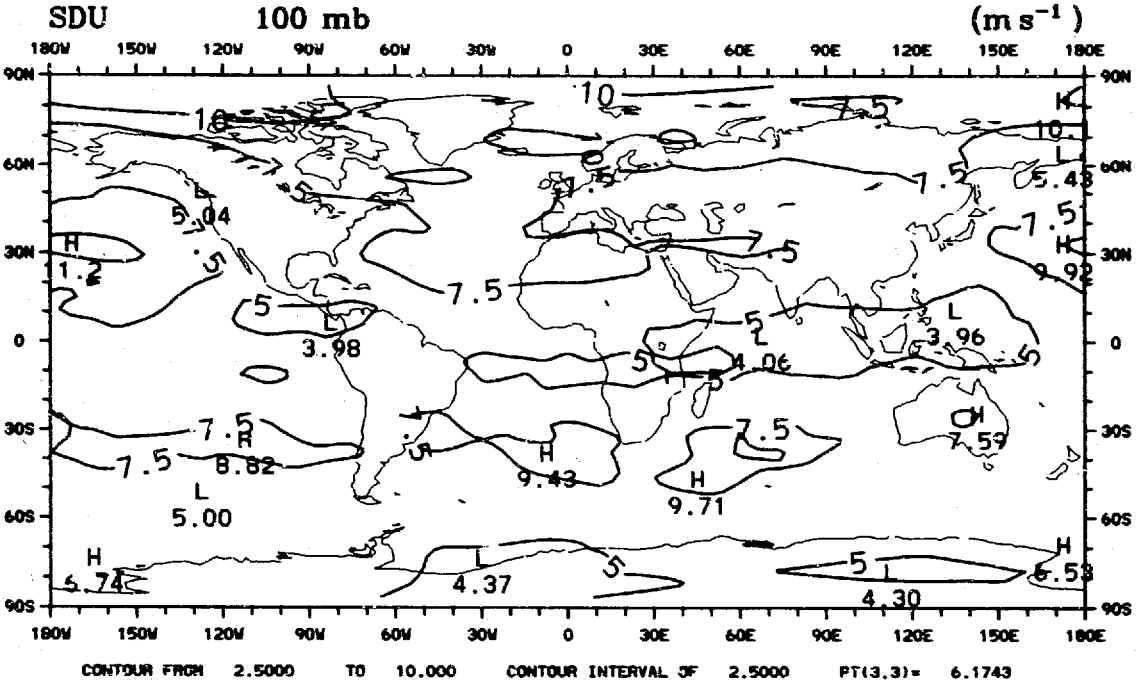

FRAME 2.5

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



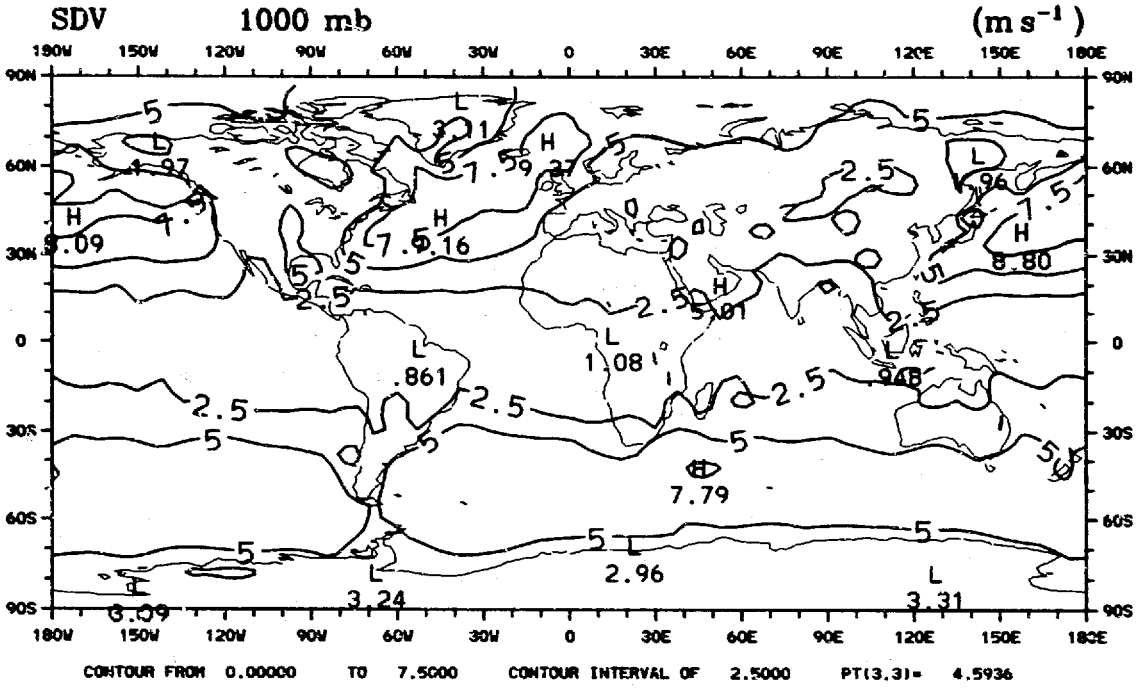

FRAME 2.6

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



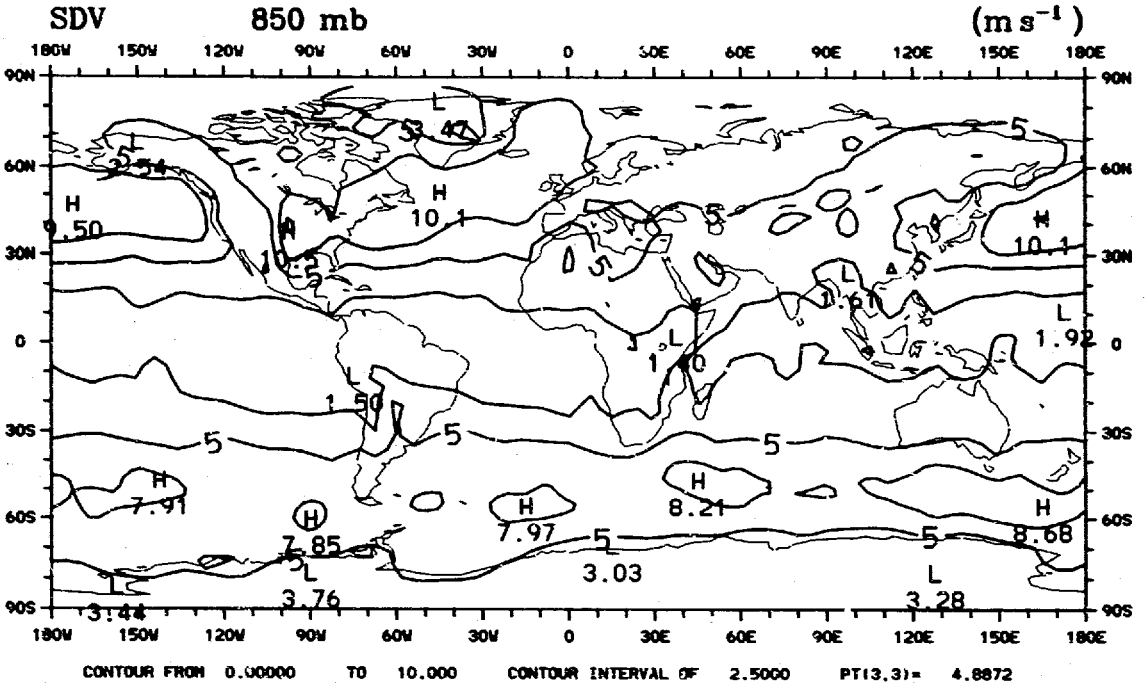

FRAME 2.7

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



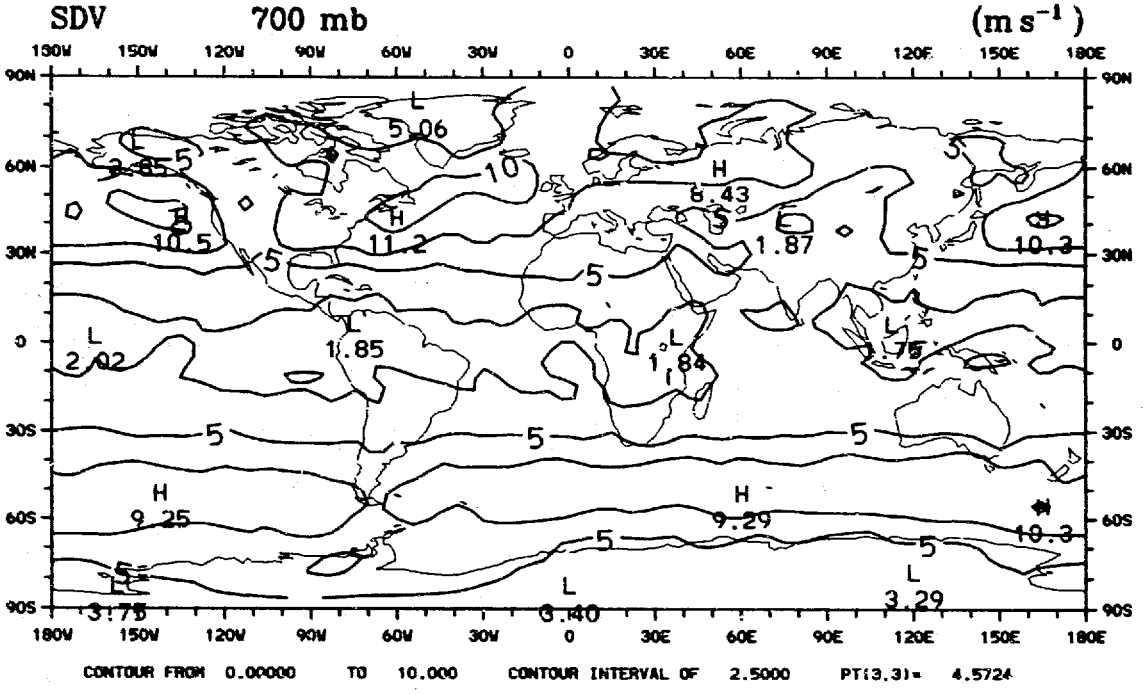

FRAME 2.8

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



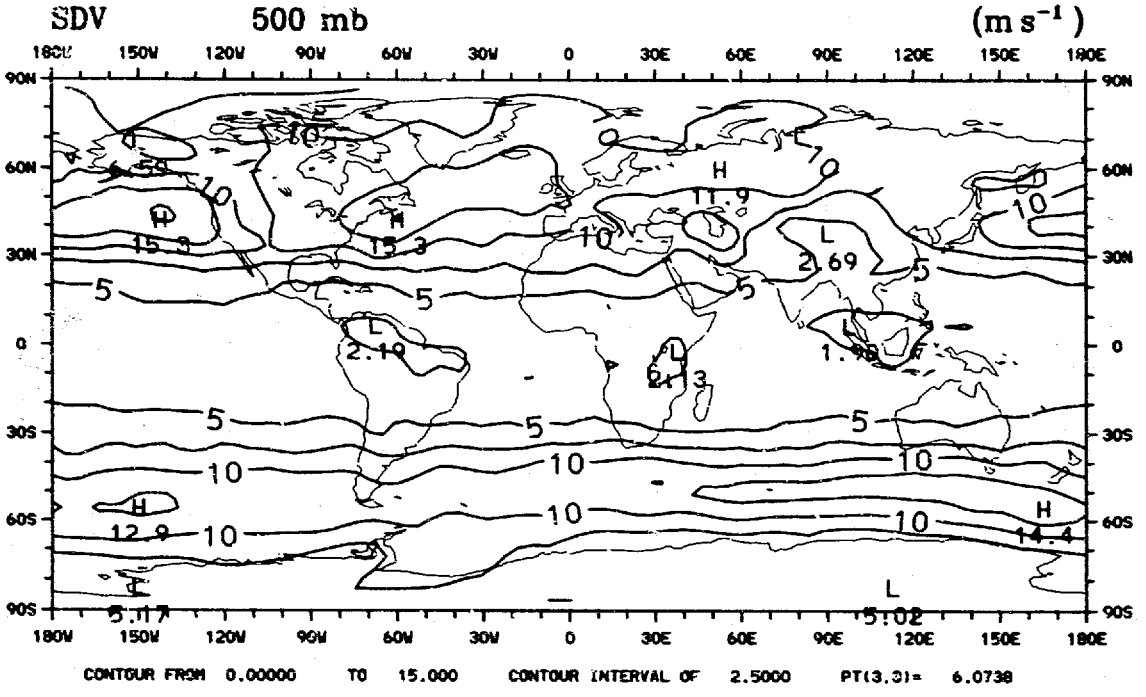

FRAME 2.9

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



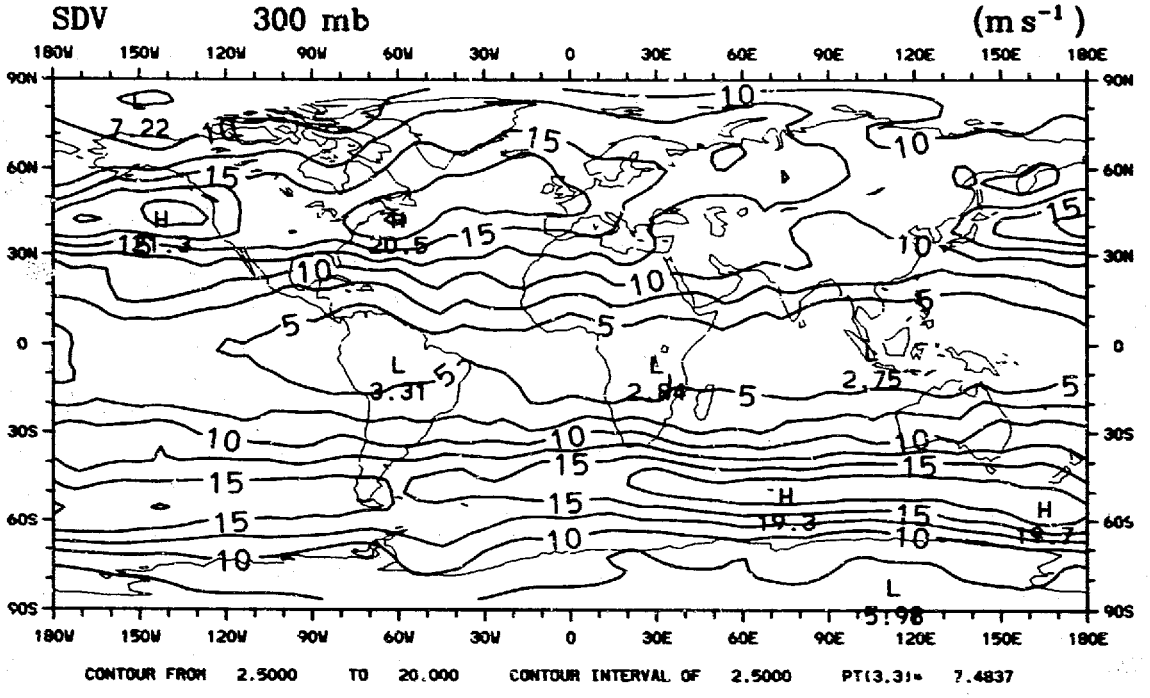

FRAME 2.10

EC R15 MARCH (ENSEMBLE AVERAGE 1979--1986)



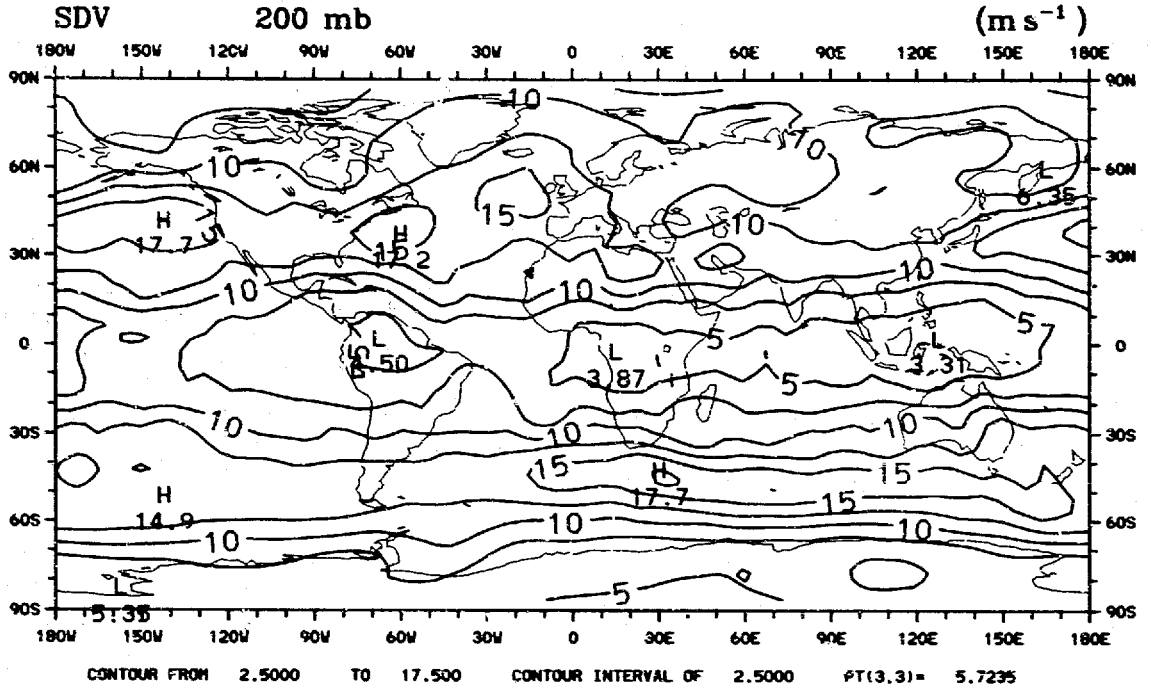

FRAME 2.11

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1966)



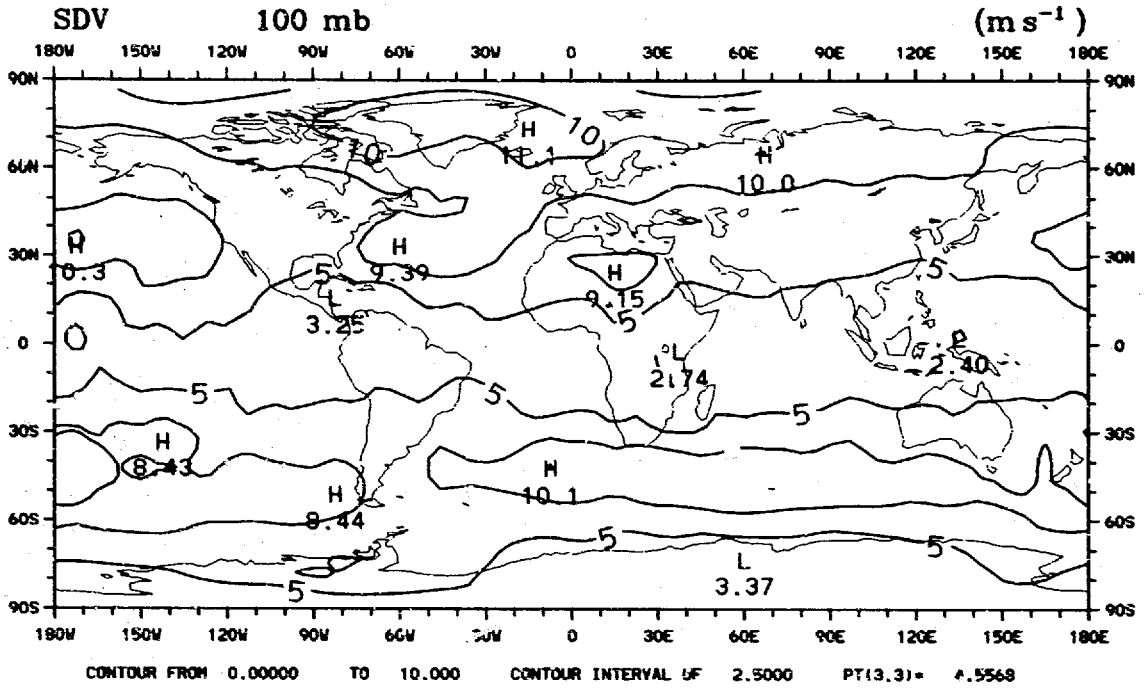

FRAME 2.12

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



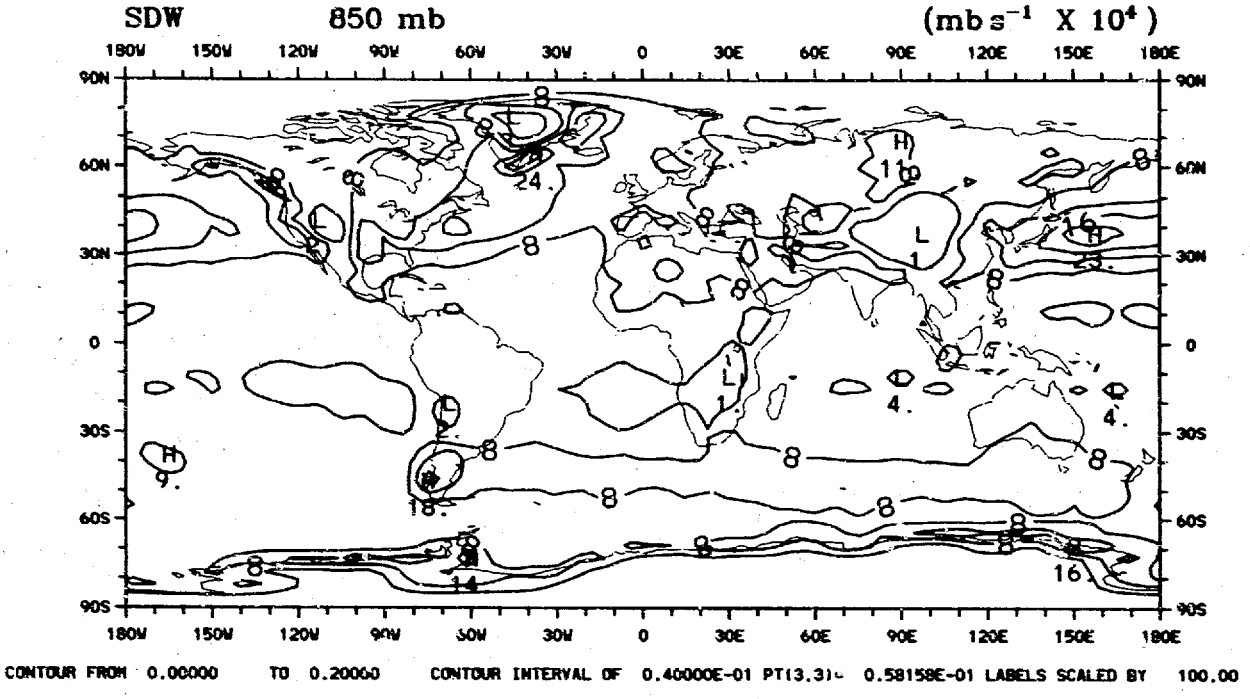

FRAME 2.13

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



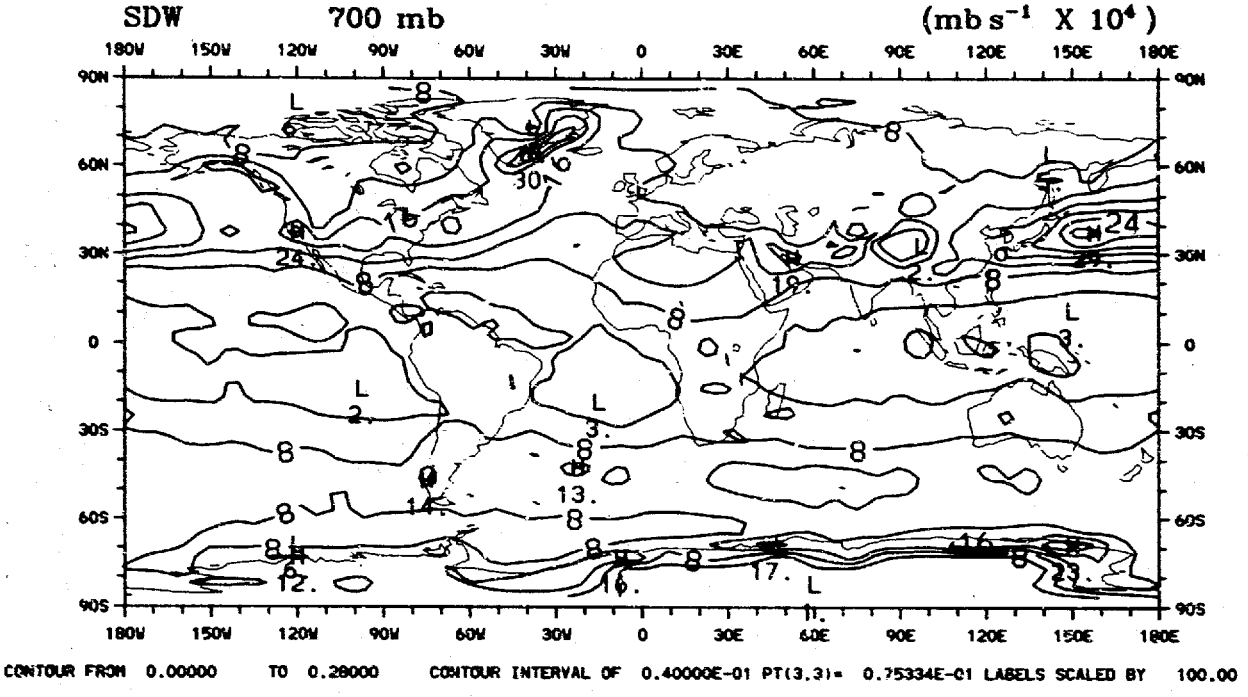

FRAME 2.14

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.15

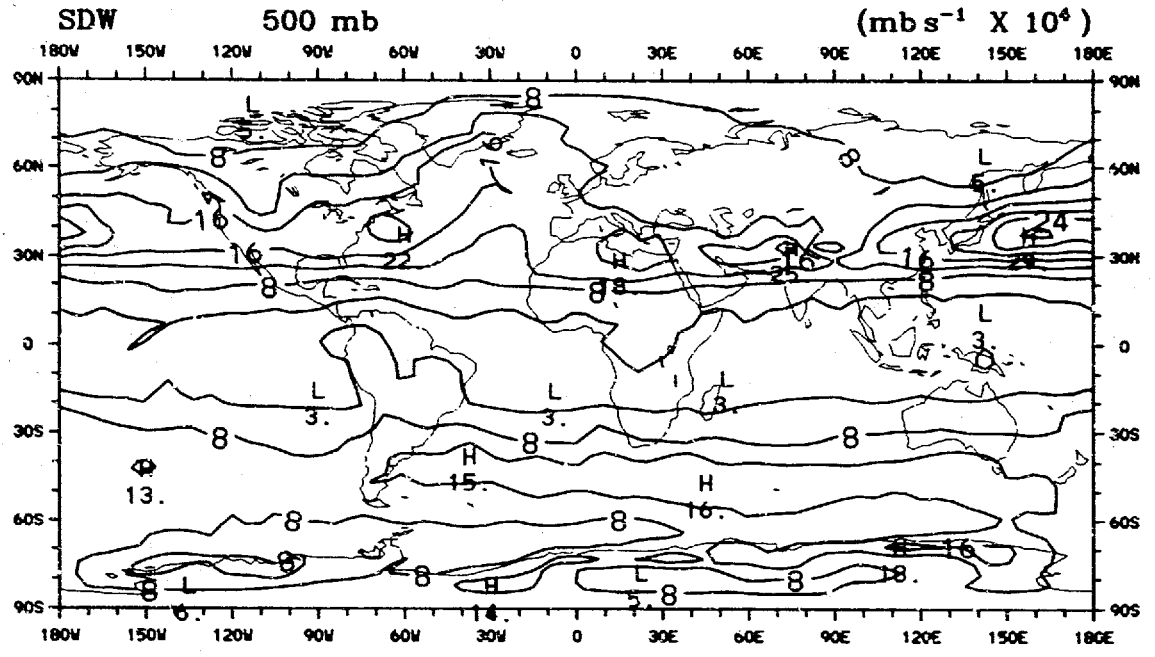
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.28000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.75334E-01 LABELS SCALED BY 100.00

FRAME 2.16

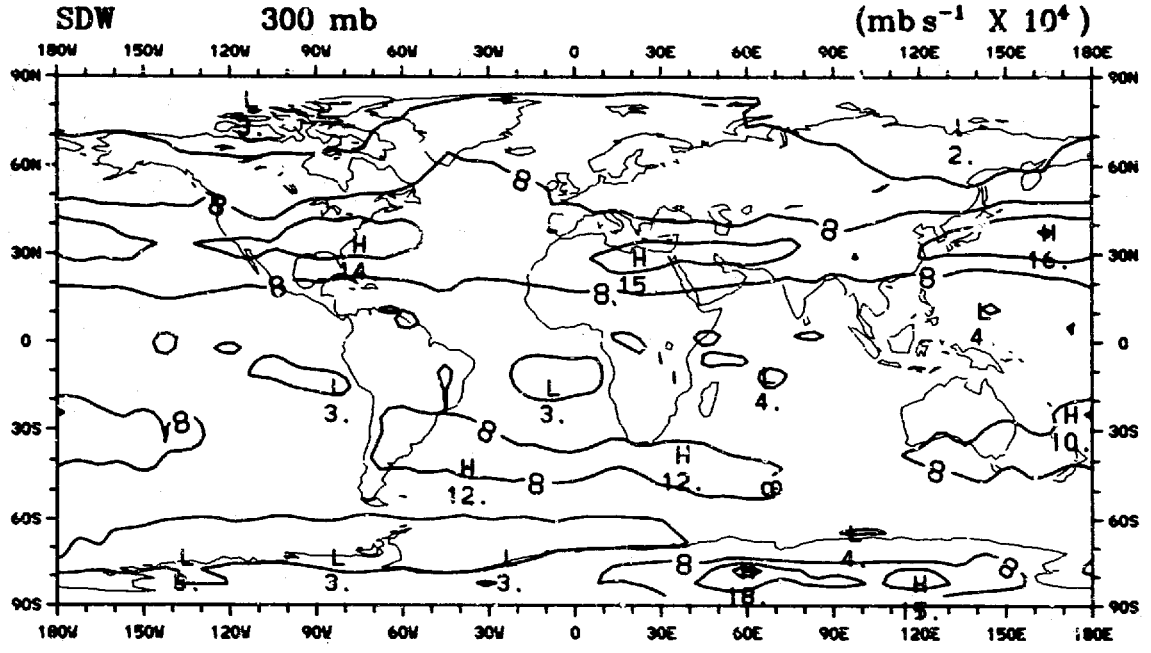
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.28000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.76856E-01 LABELS SCALED BY 100.00

FRAME 2.17

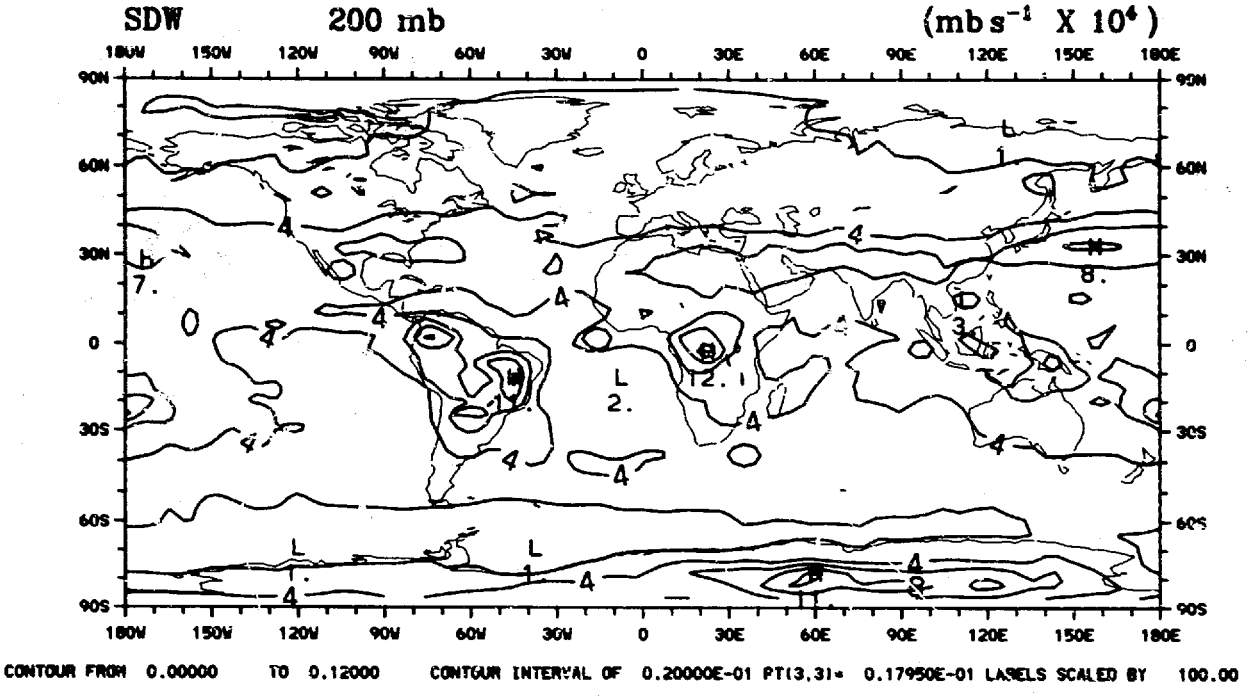
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.40240E-01 LABELS SCALED BY 100.00

FRAME 2.18

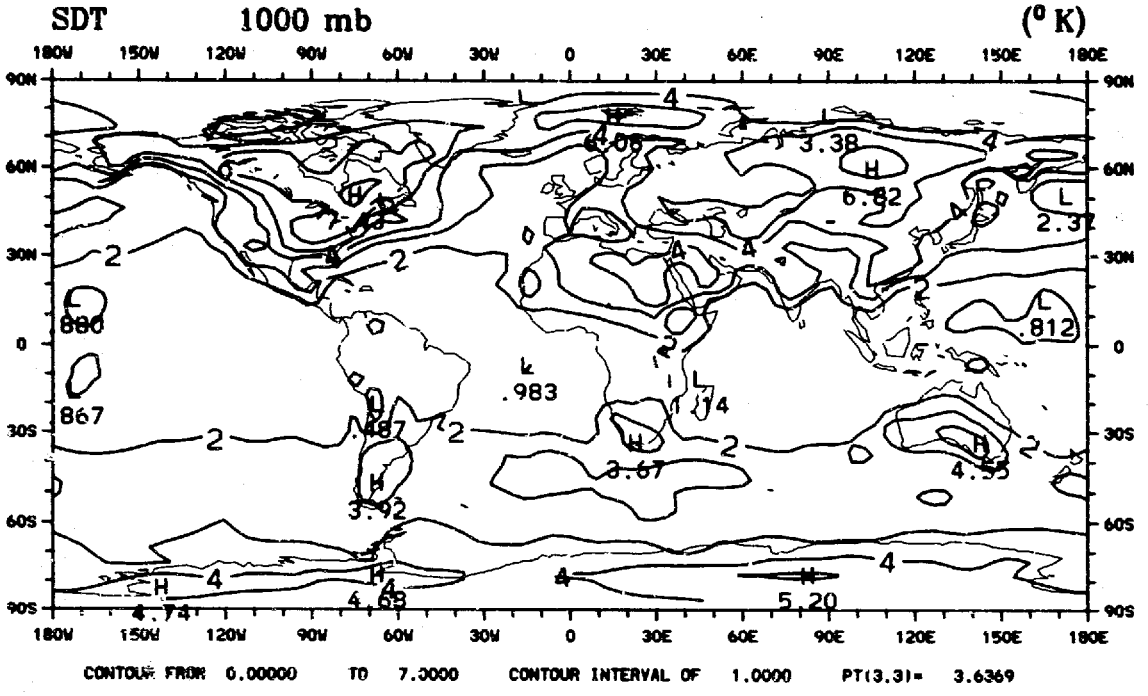
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.12000 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.17950E-01 LABELS SCALED BY 100.00

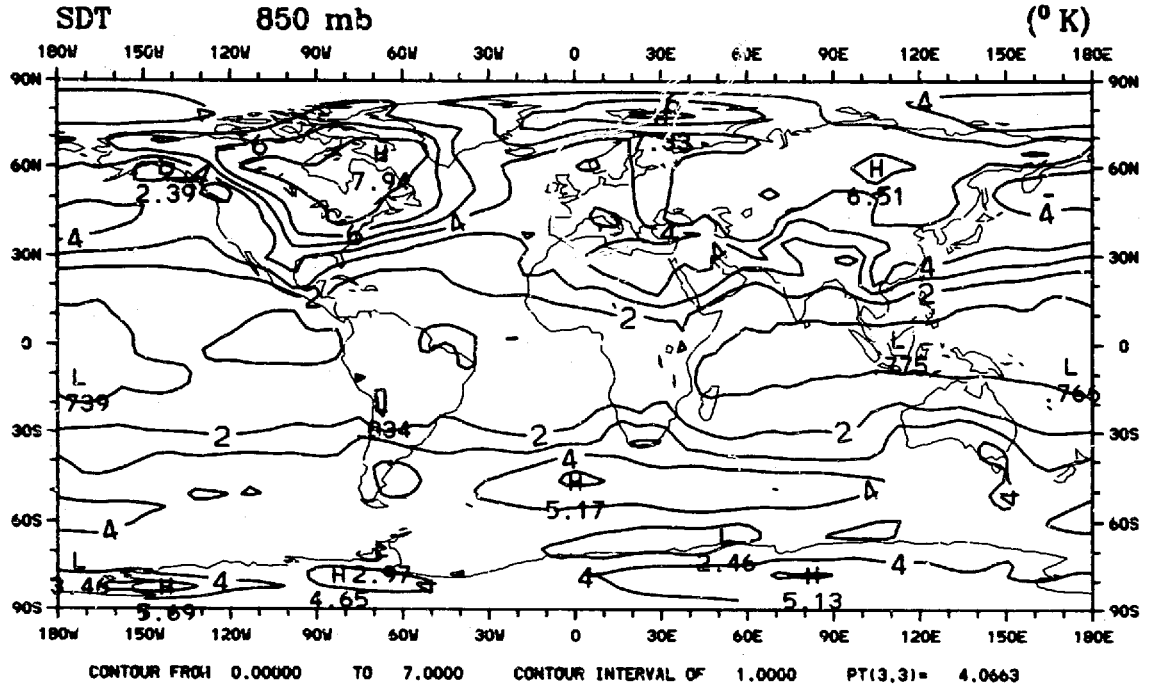
FRAME 2.19

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



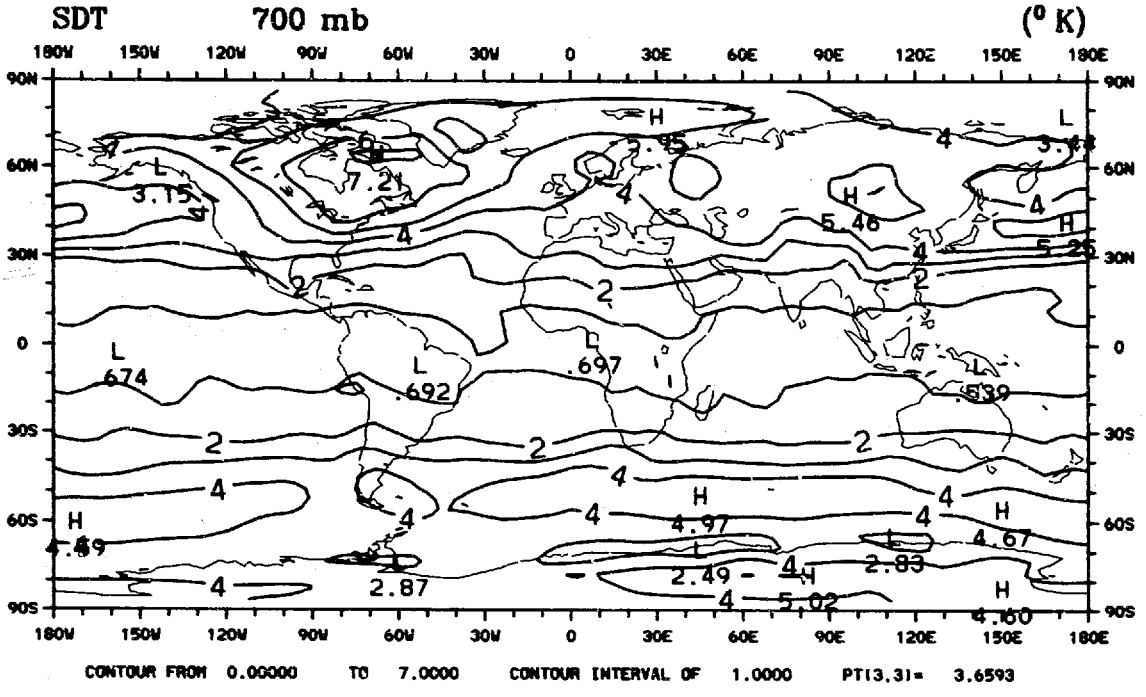

FRAME 2.20

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



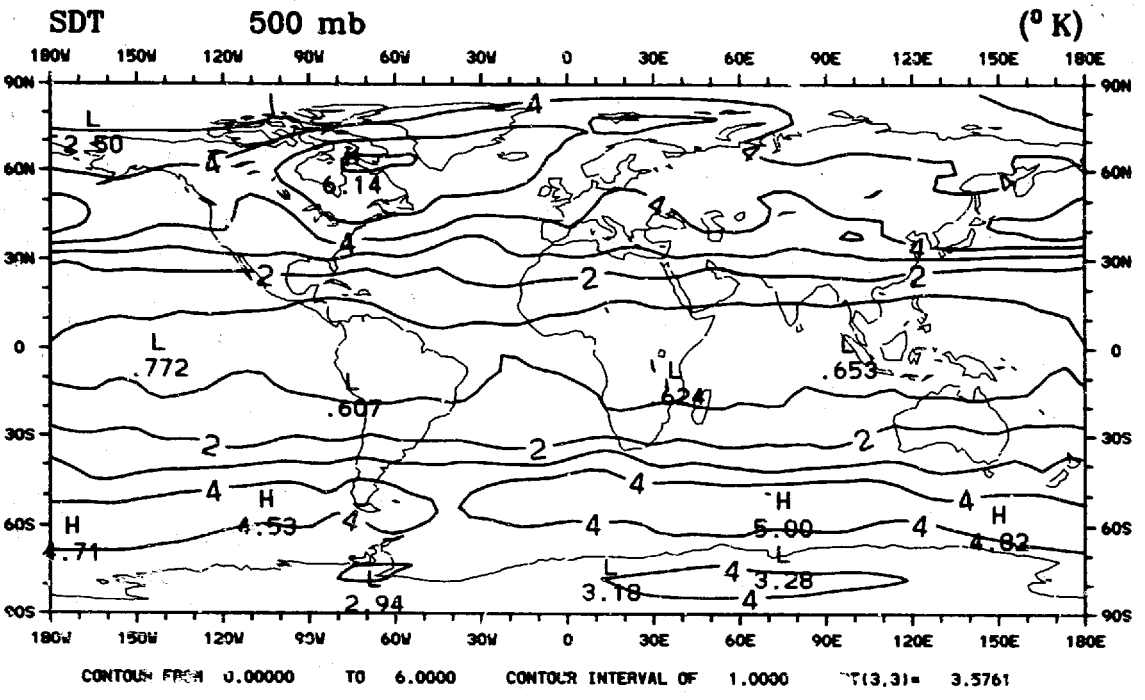

FRAME 2.21

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



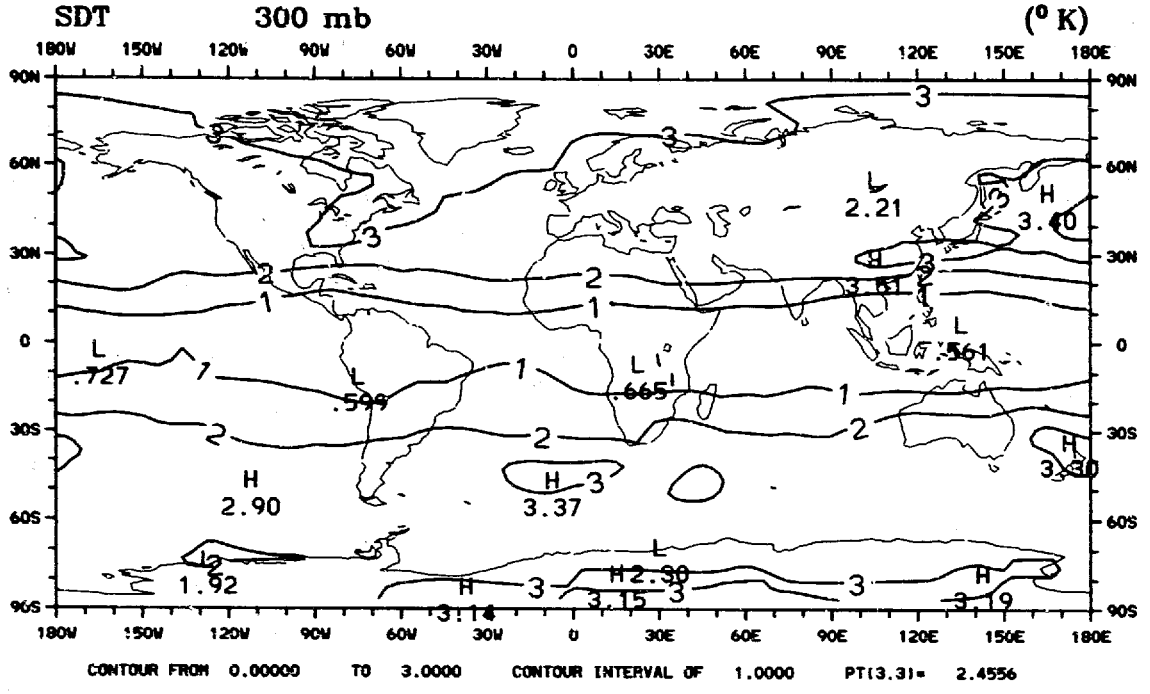

FRAME 2.22

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



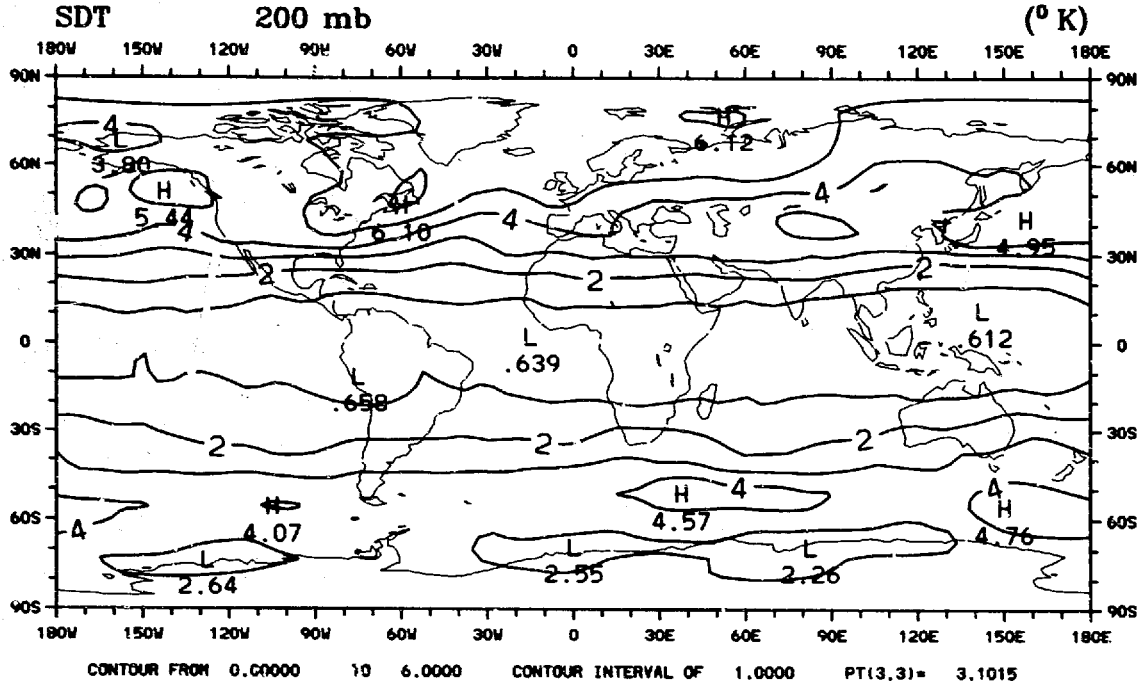

FRAME 2.23

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



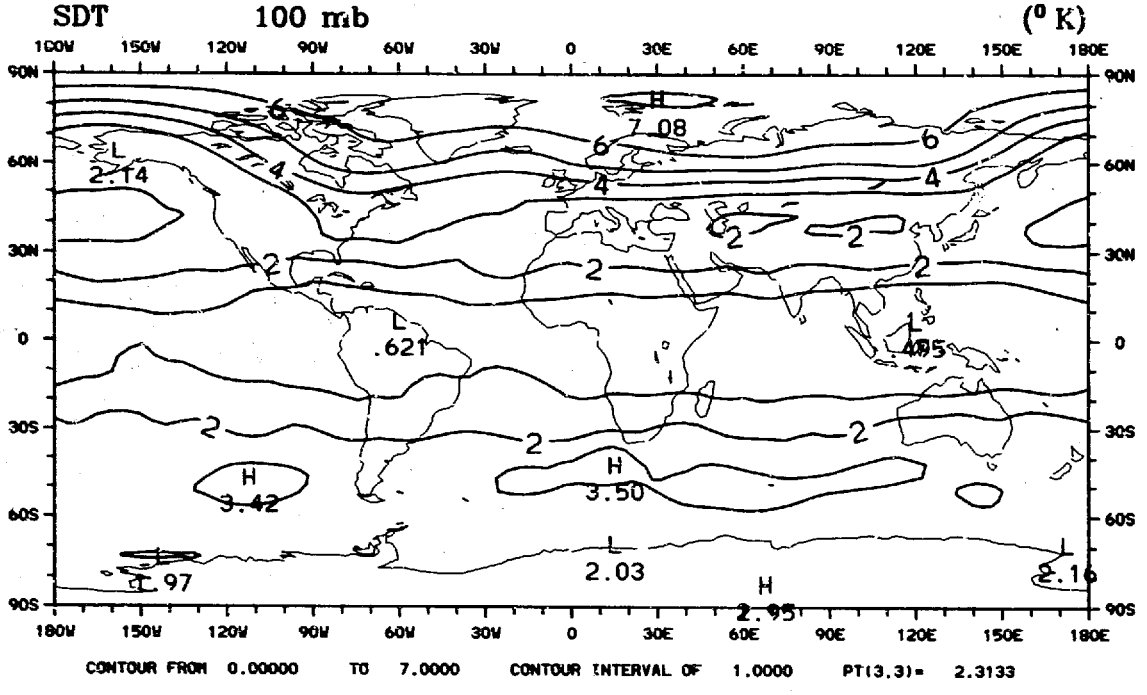

FRAME 2.24

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



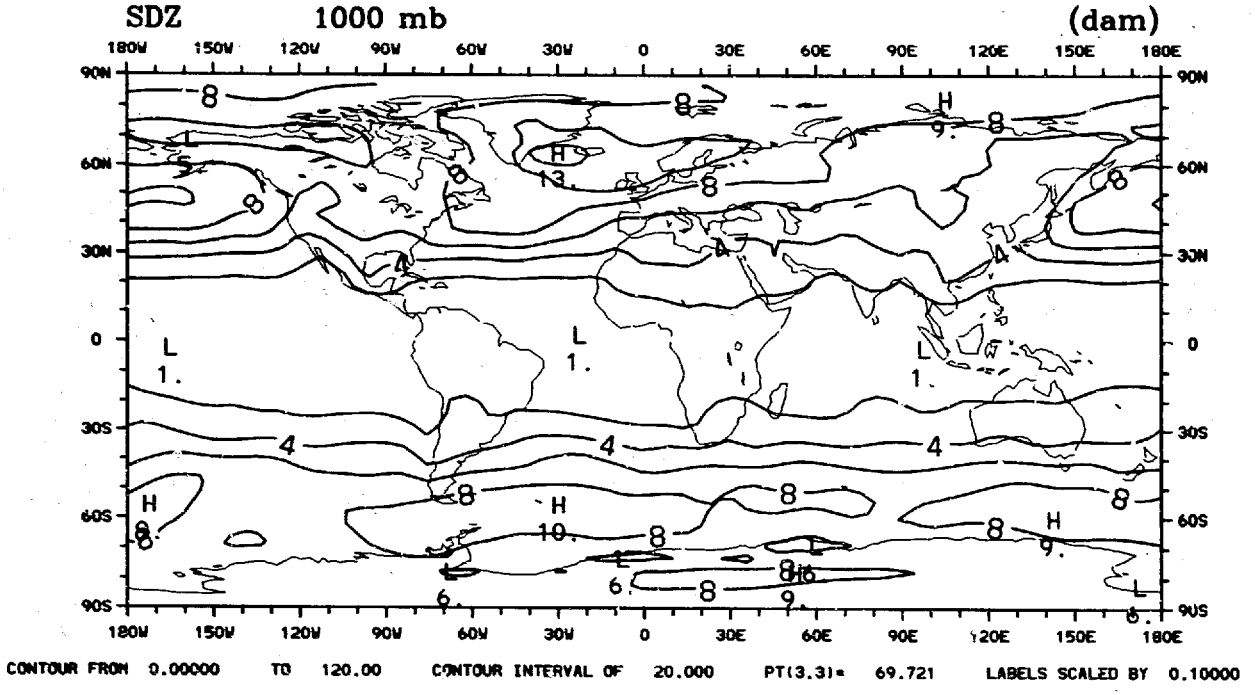

FRAME 2.25

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



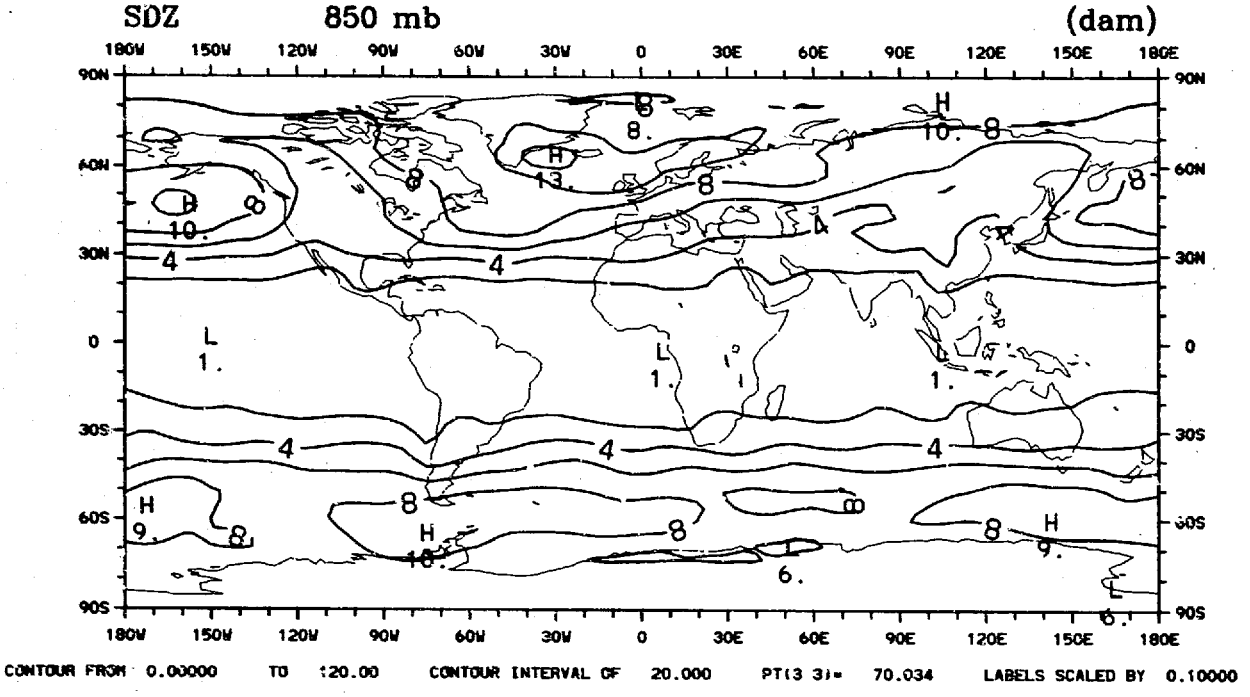

FRAME 2.26

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



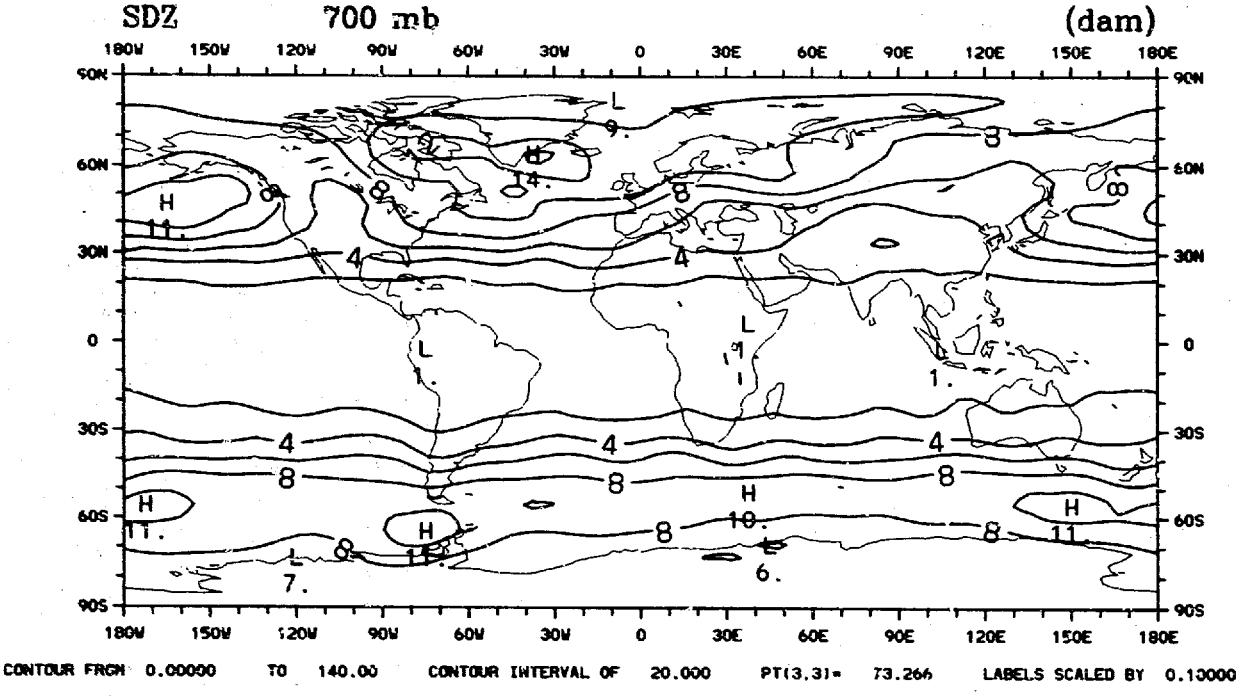

FRAME 2.27

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



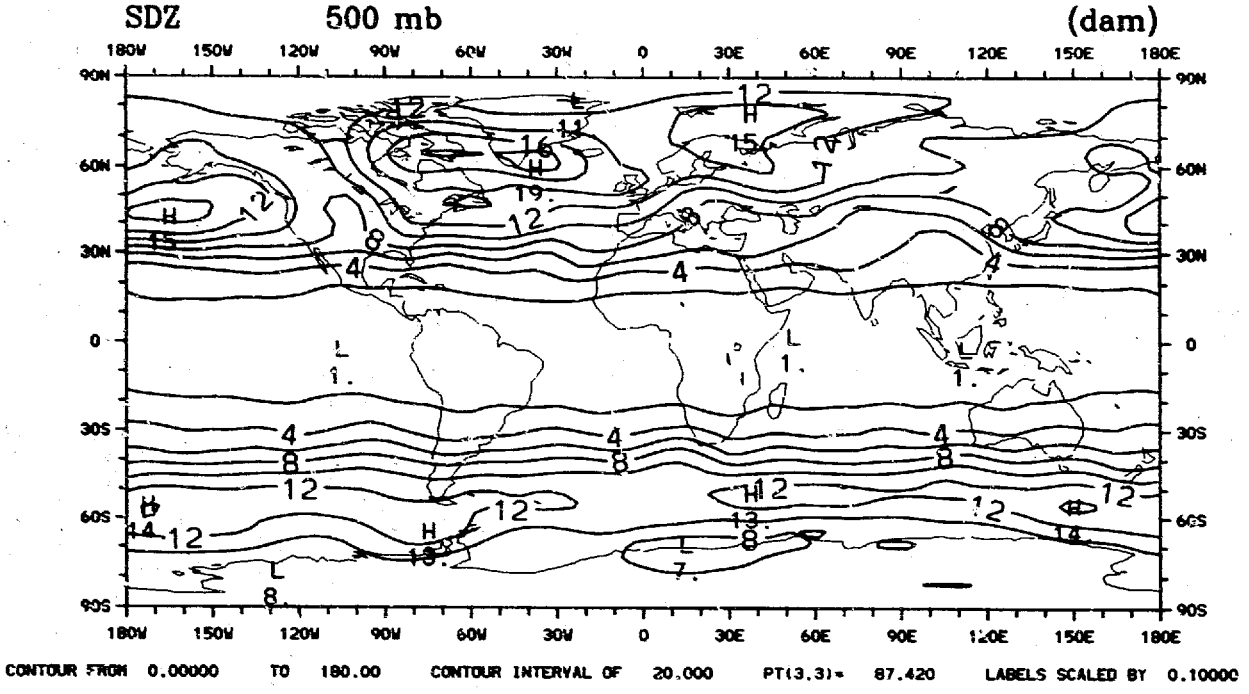

FRAME 2.28

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.29

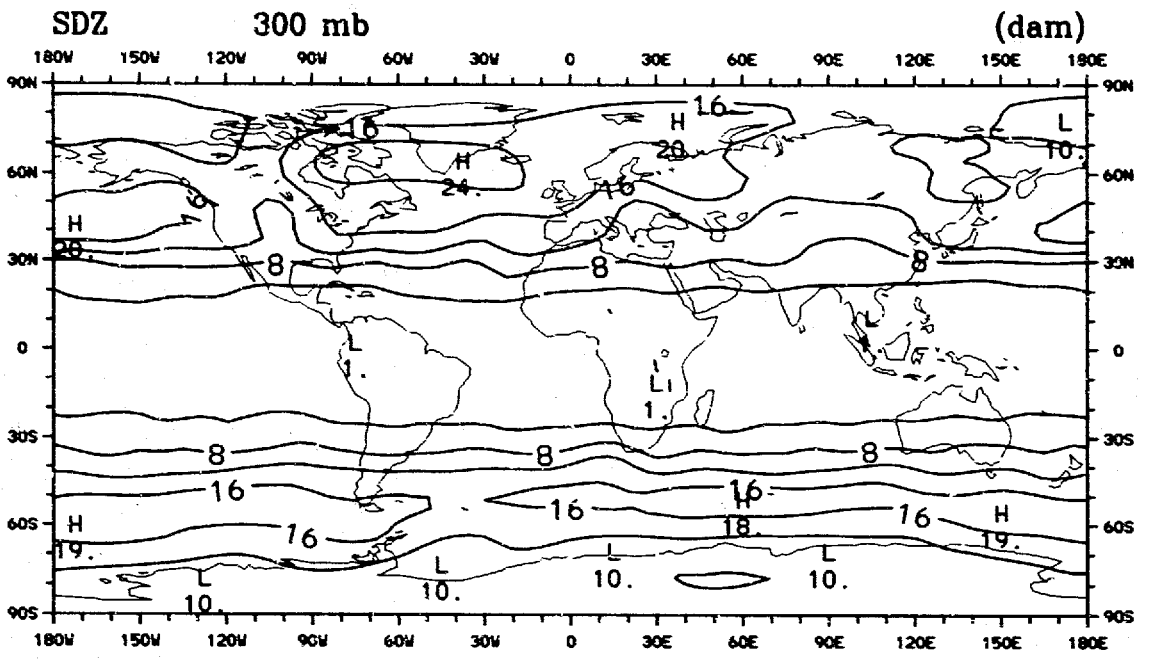
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 180.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 87.420 LABELS SCALED BY 0.10000

FRAME 2.30

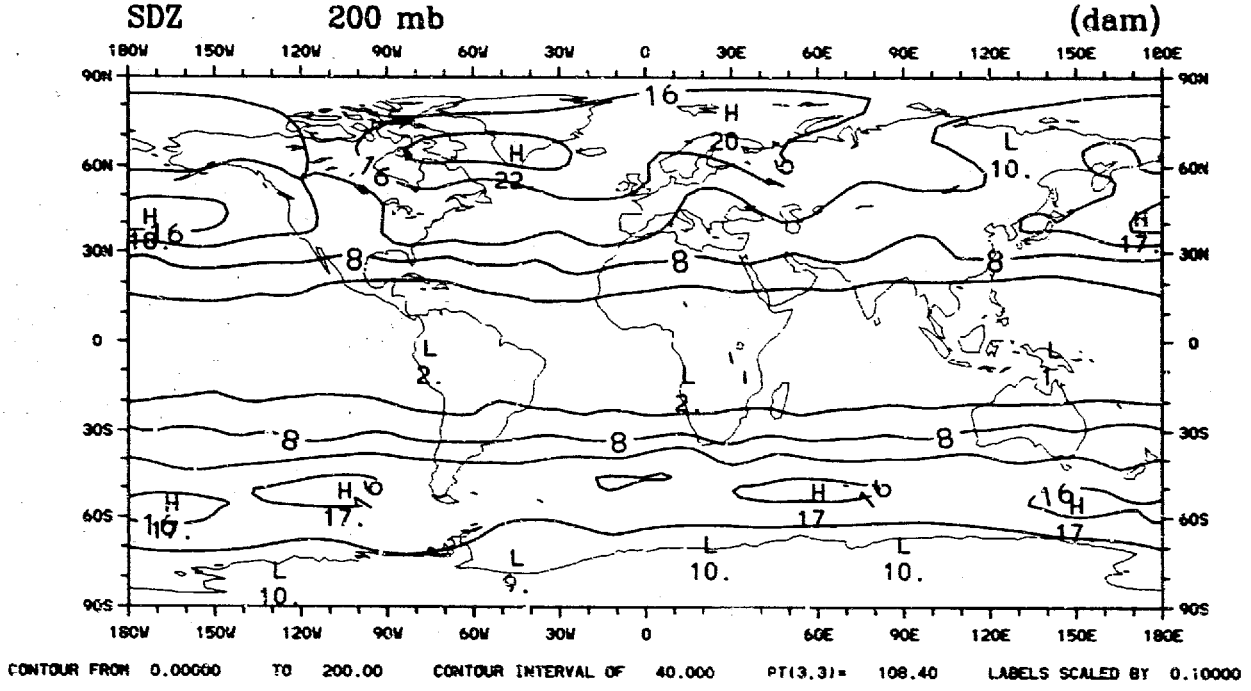
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 112.89 LABELS SCALED BY 0.10000

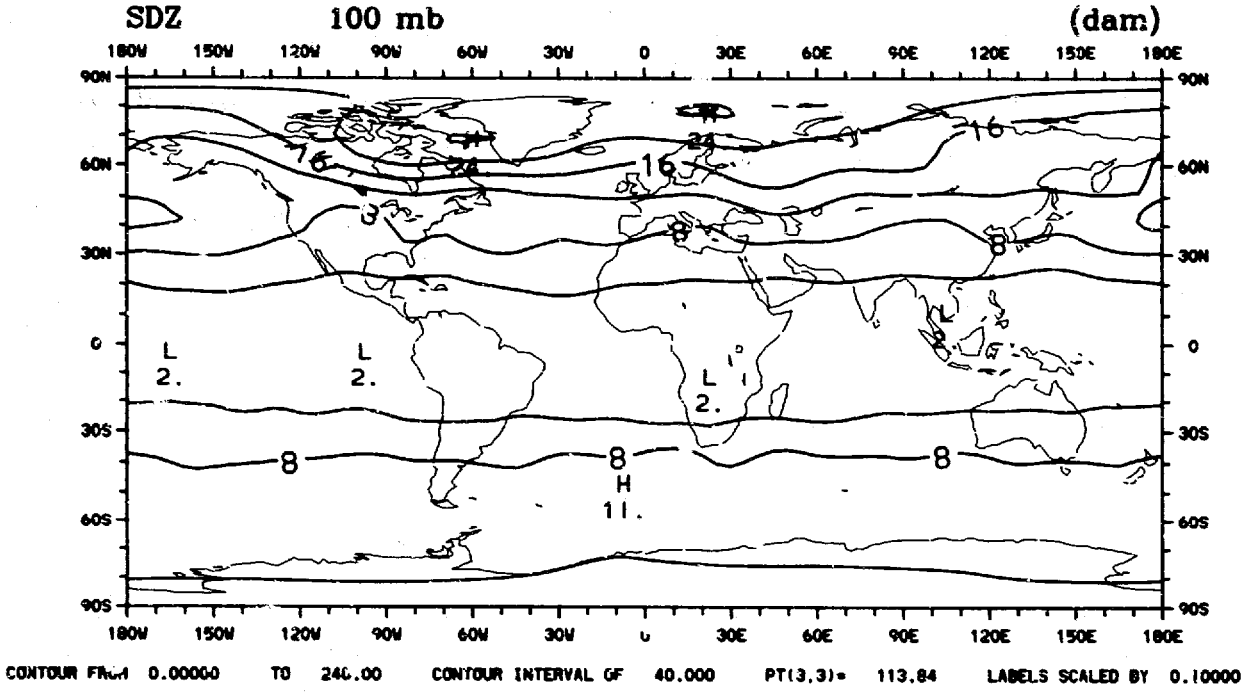
FRAME 2.31

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.32

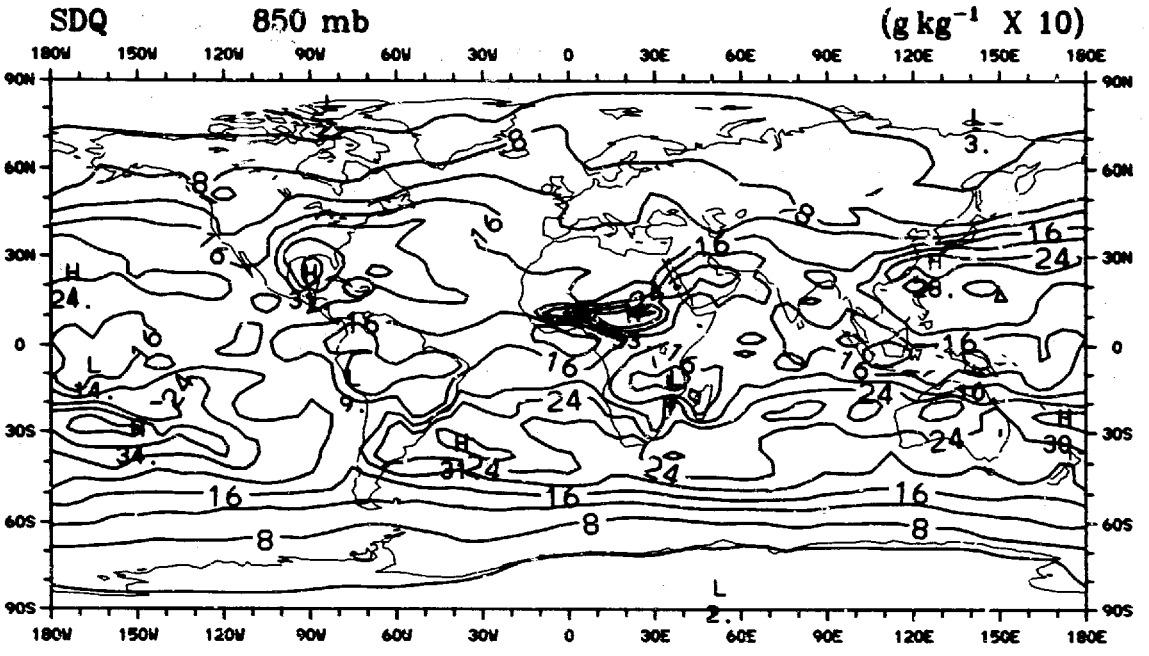
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 240.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 113.84 LABELS SCALED BY 0.10000

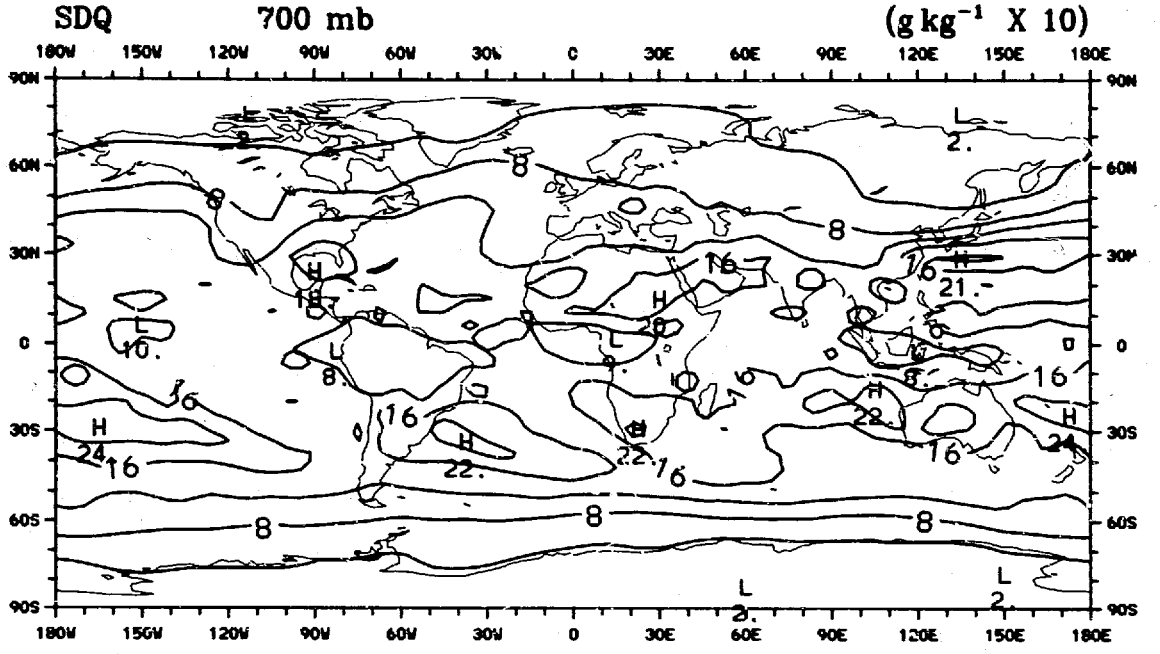
FRAME 2.33

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.34

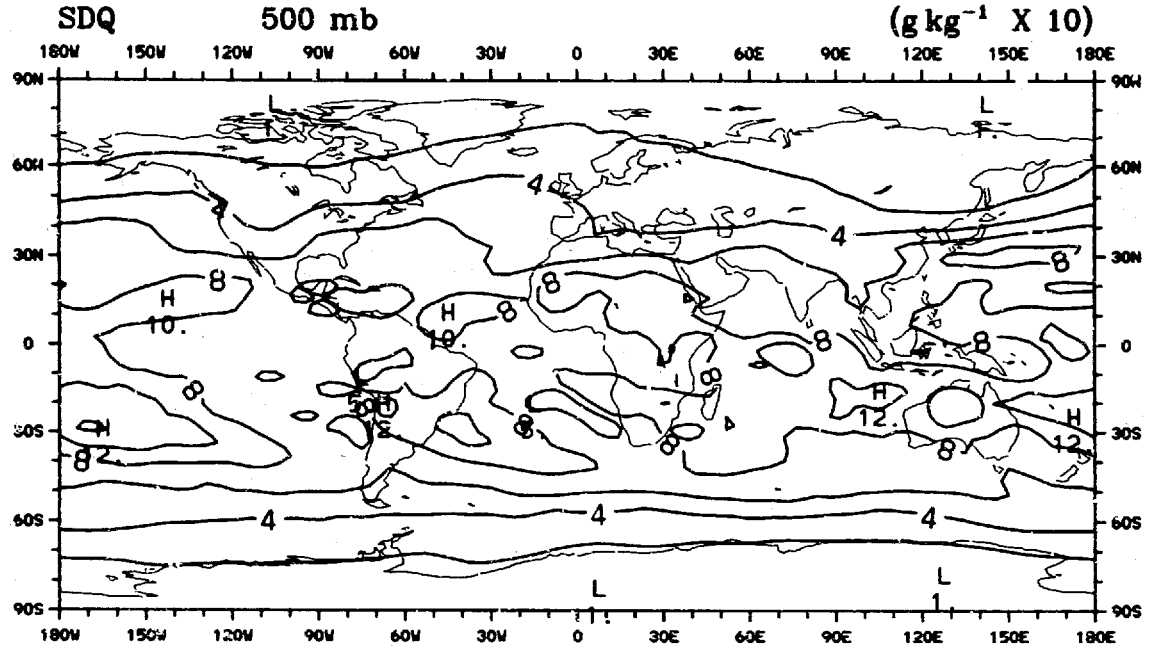
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.35589E-03 LABELS SCALED BY 10000.

FRAME 2..5

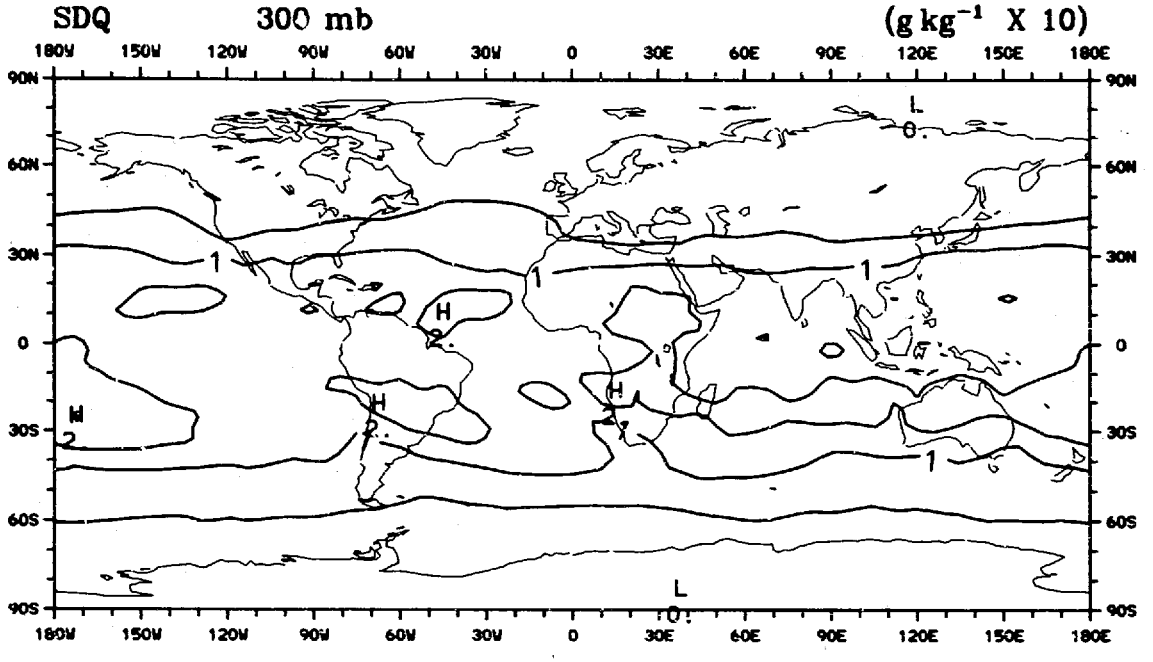
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.12000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.14383E-03 LABELS SCALED BY 10000.

FRAME 2.36

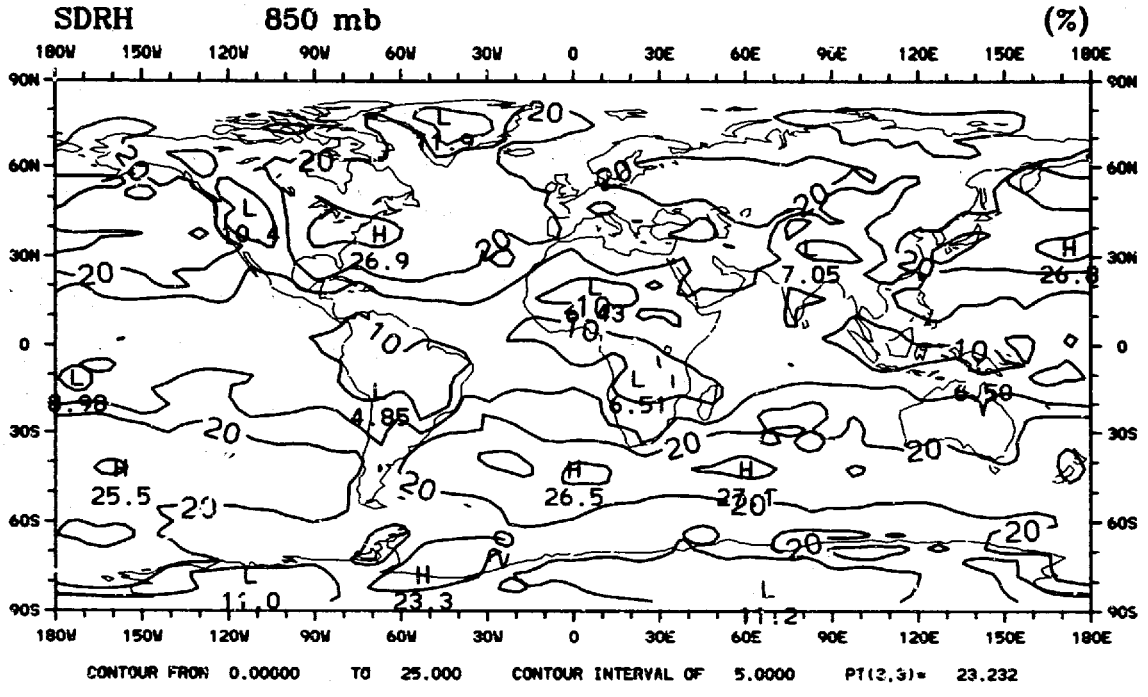
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.24091E-04 LABELS SCALED BY 10000.

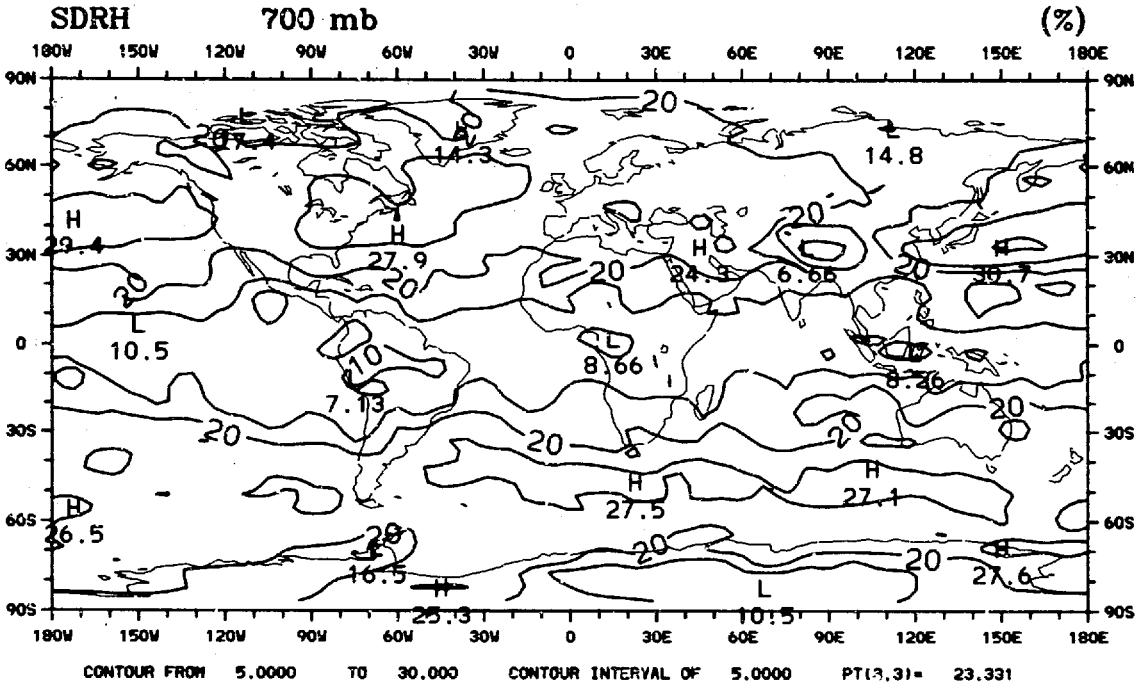
FRAME 2.37

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



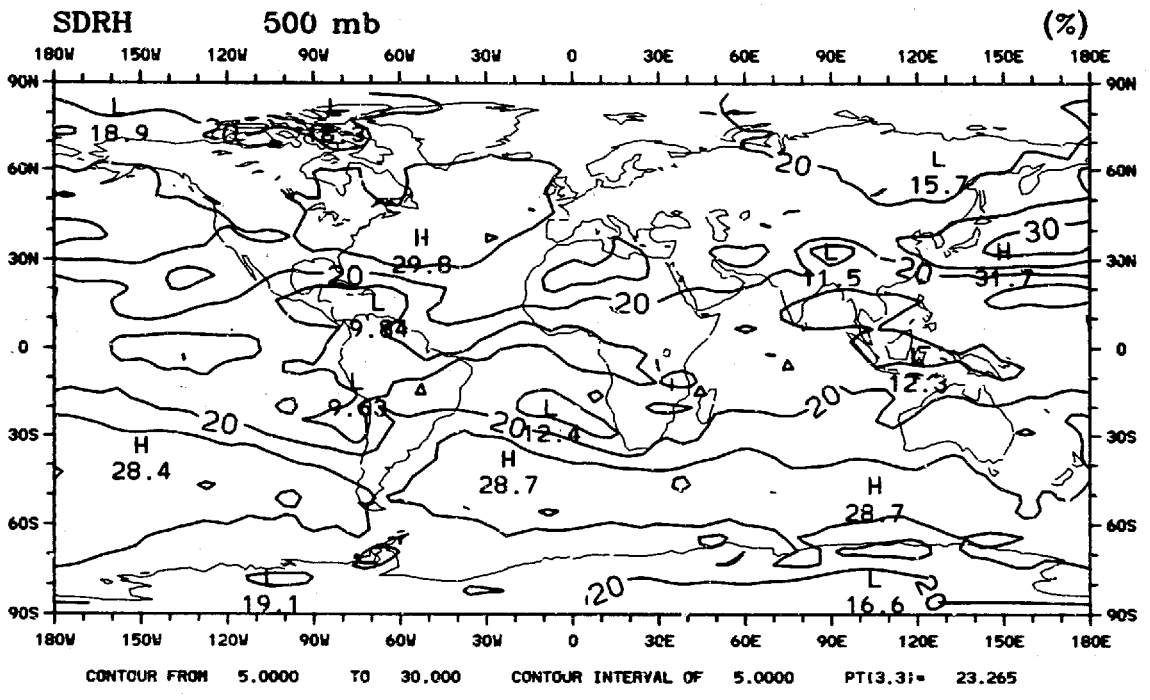

FRAME 2.38

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



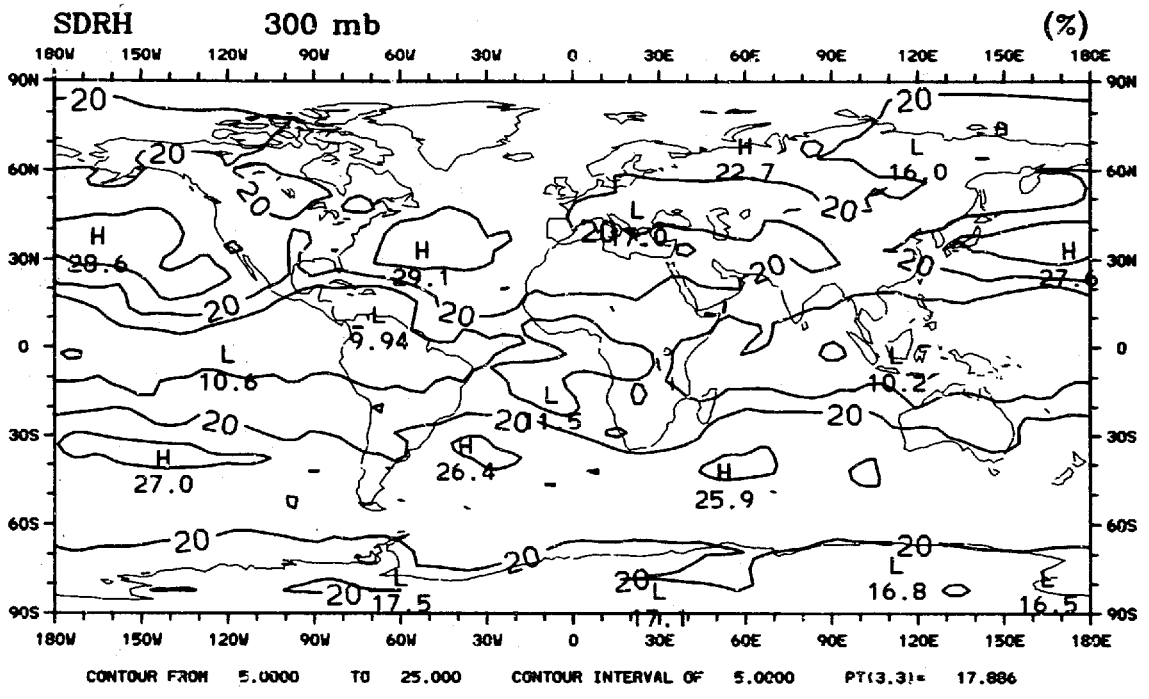

FRAME 2.39

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



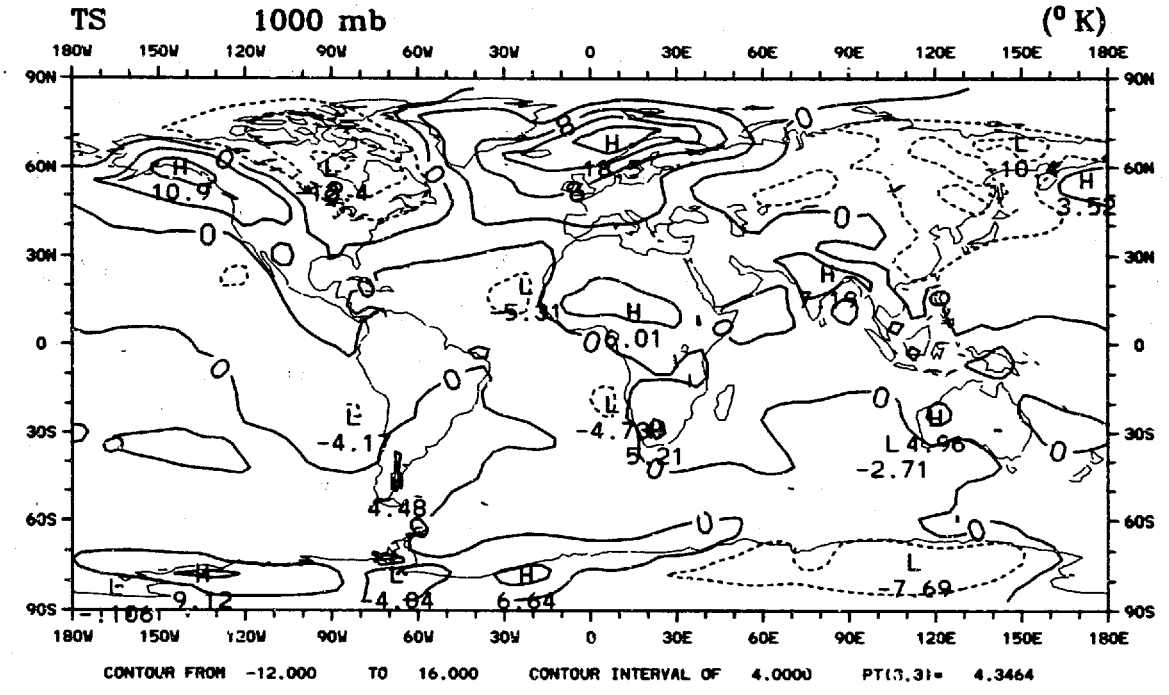

FRAME 2.40

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



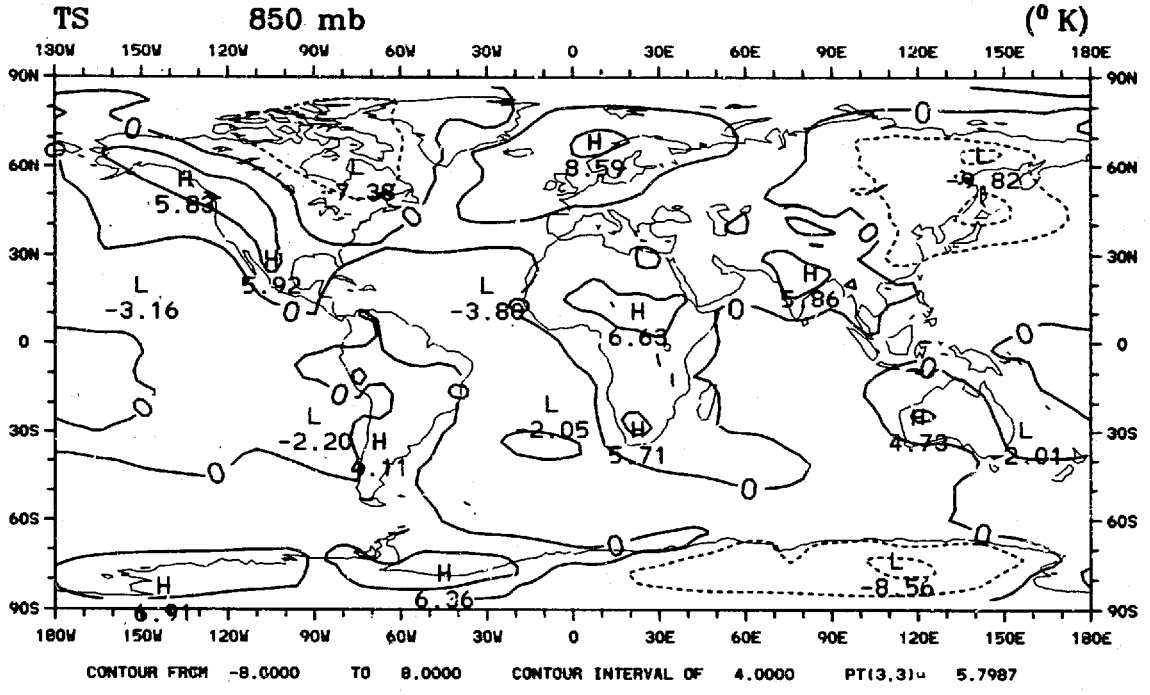

FRAME 2.41

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.42

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.43

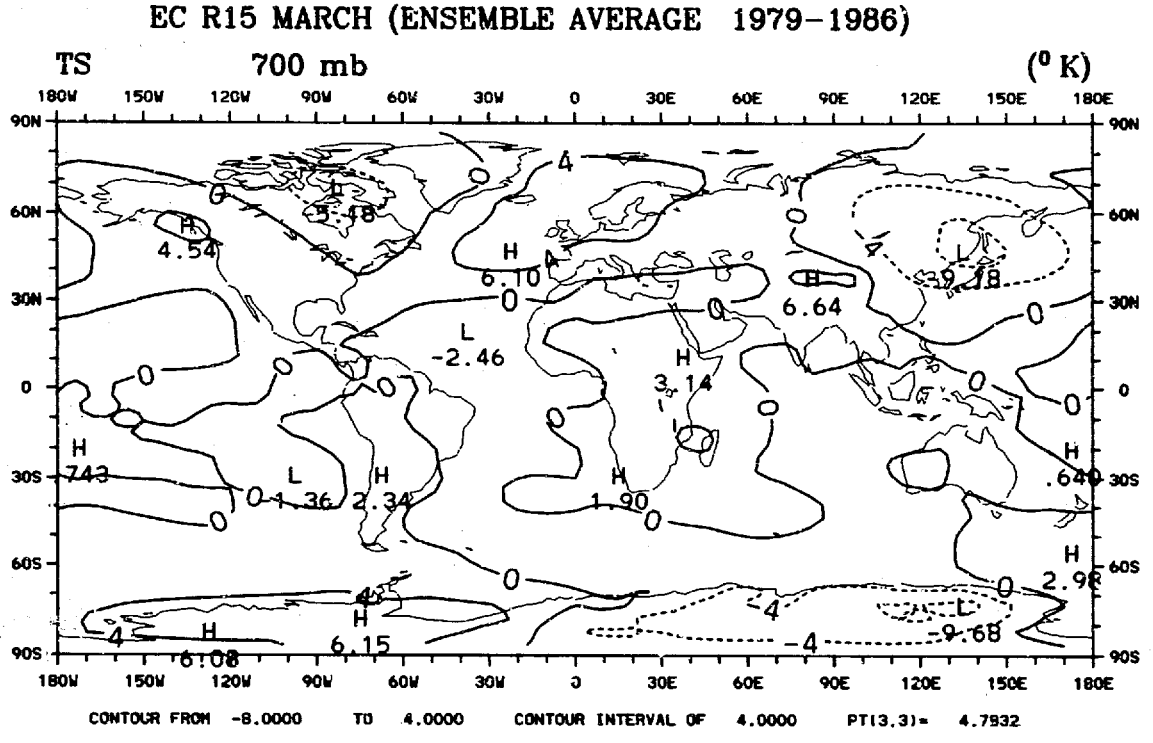
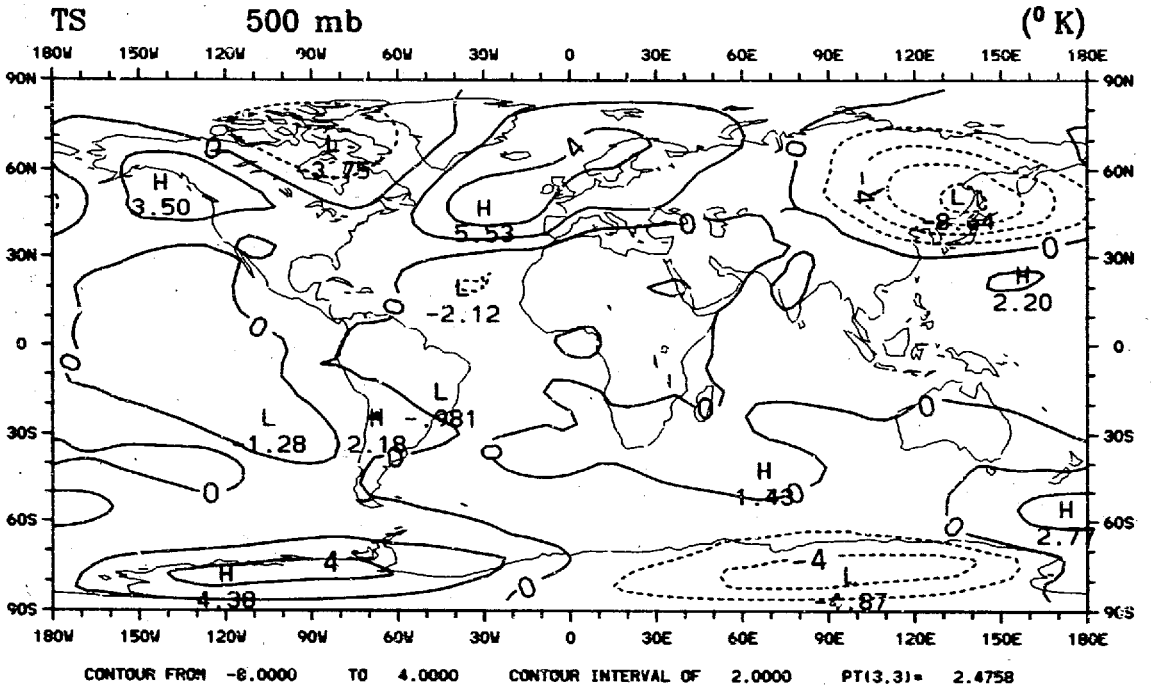

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)
TS
700 mb
(⁰K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 4.54
L -5.48
H 6.10
L -2.46
H 3.14
H 6.64
L -9.18
H .743
L -1.36
H 2.34
H 1.90
H .640
H 6.15
H 6.08
H 2.98
L -9.68
CONTOUR FROM -8.0000 TO 4.0000 CONTOUR INTERVAL OF 4.0000 PT(3,3)= 4.7932

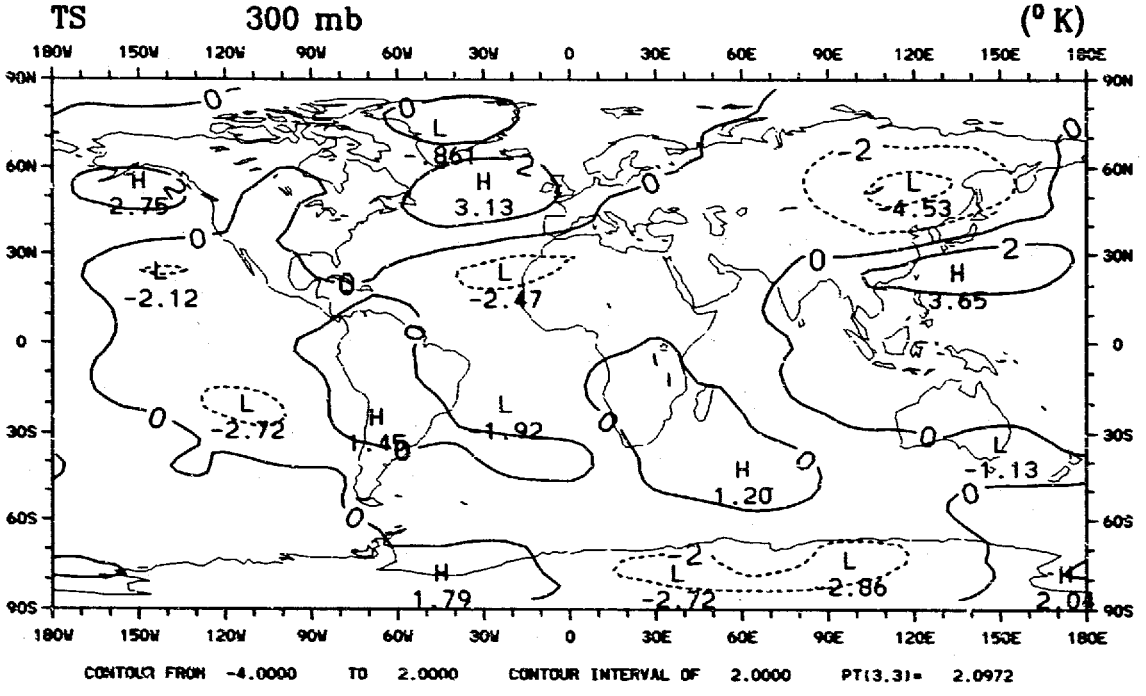
FIGURE 2.44

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



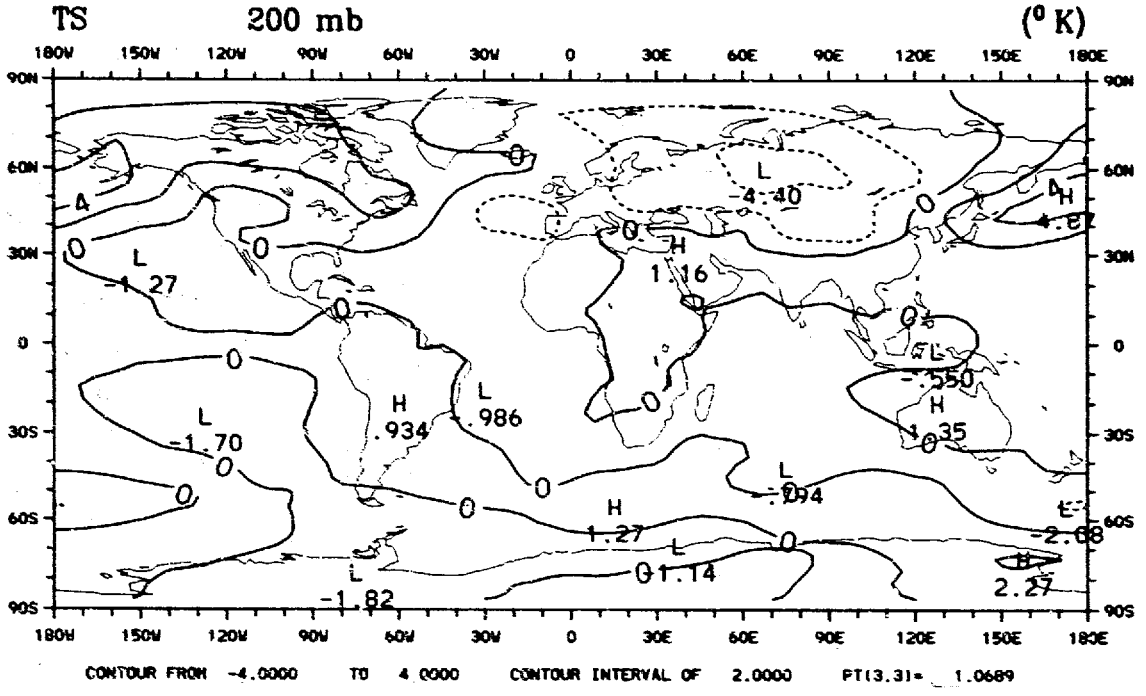

FRAME 2.45

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



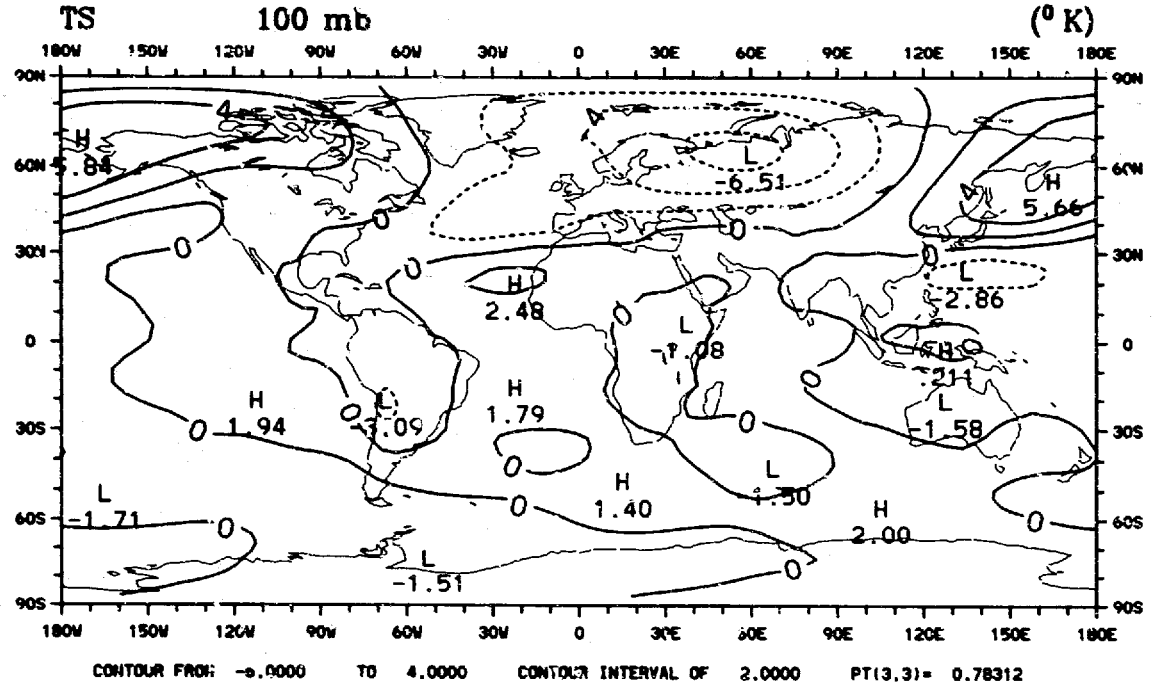

FRAME 2.46

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



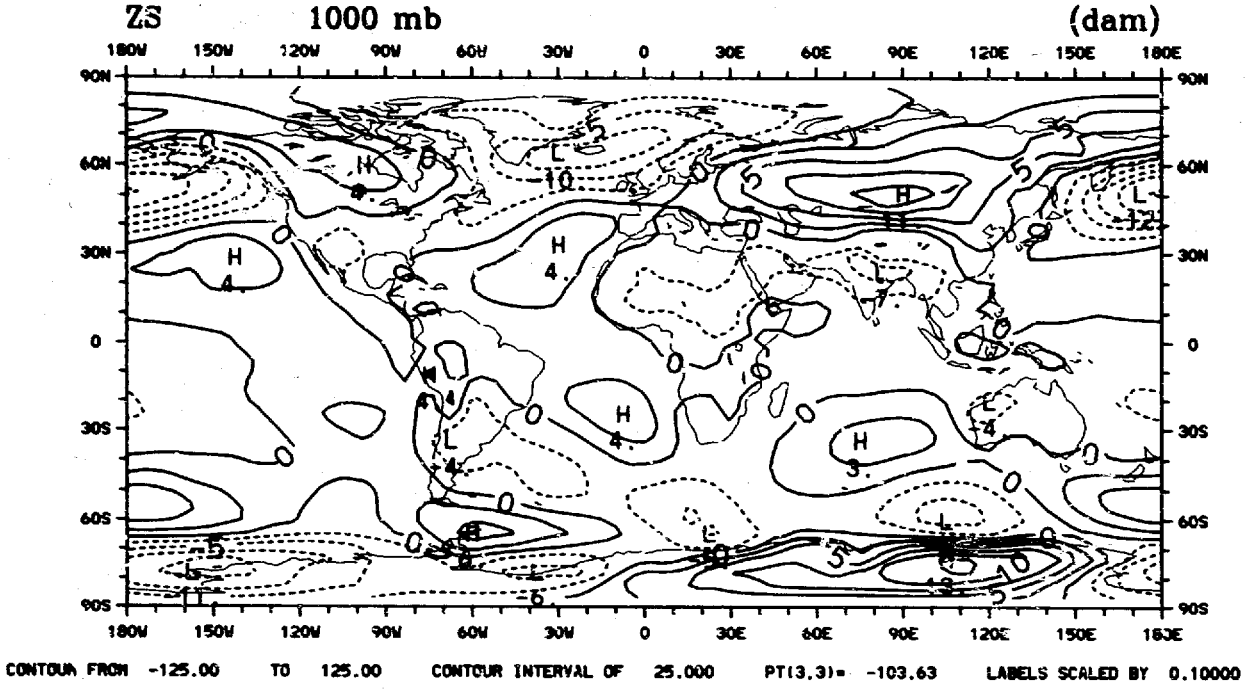

FRAME 2.47

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.4U

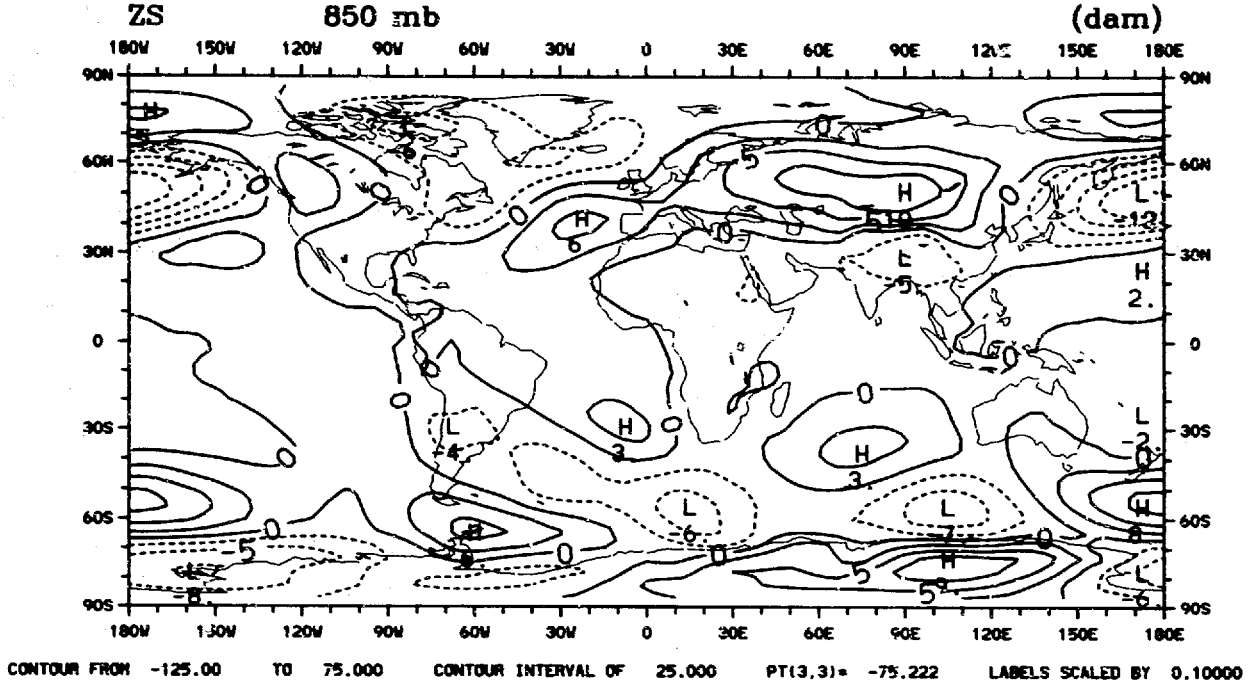
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -125.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -103.63 LABELS SCALED BY 0.10000

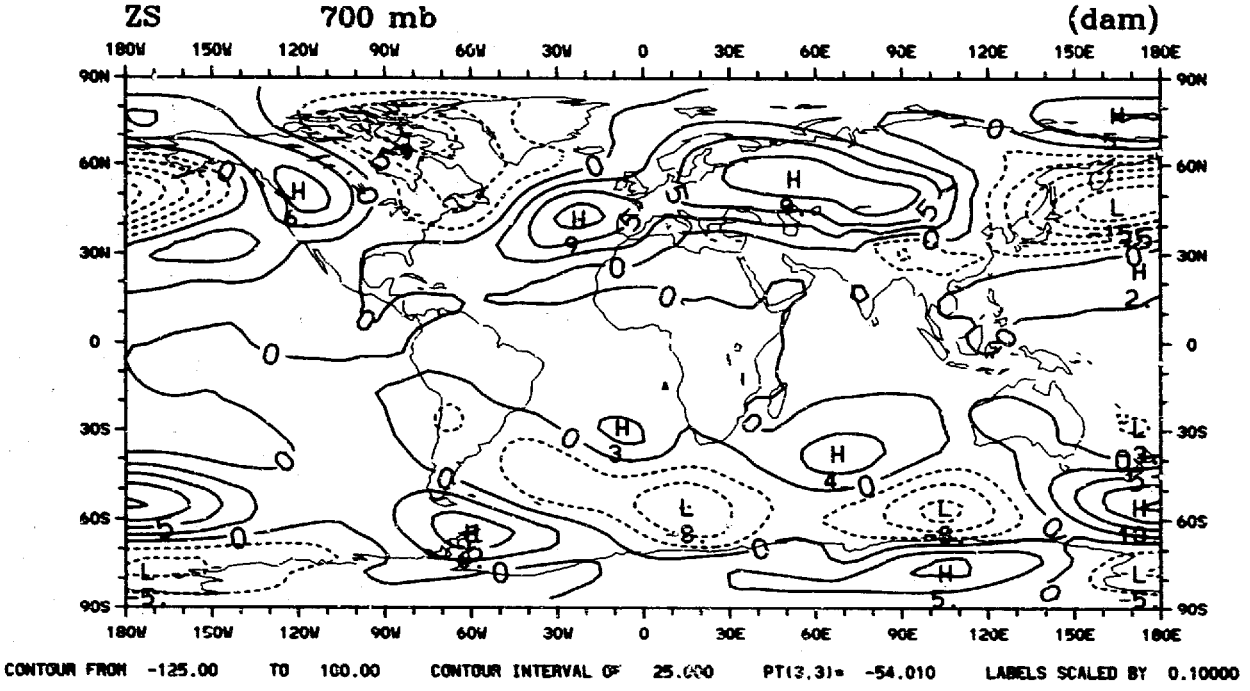
FRAME 2.49

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.50

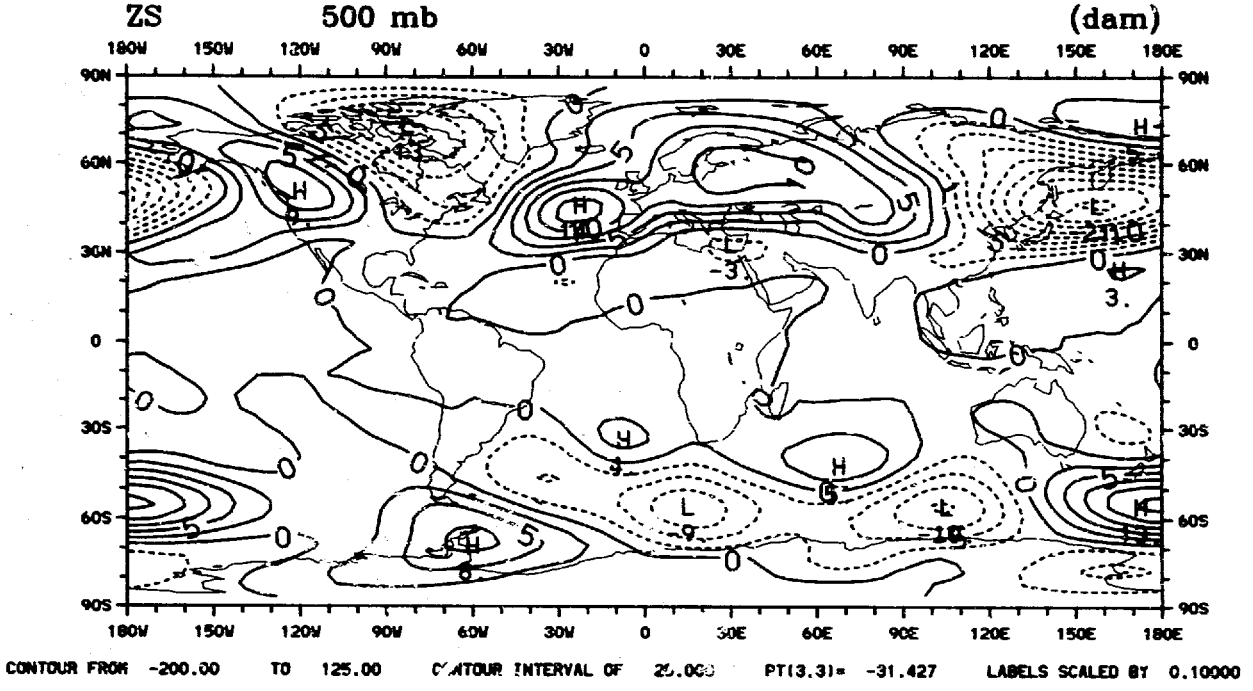
## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -125.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -54.010 LABELS SCALED BY 0.10000

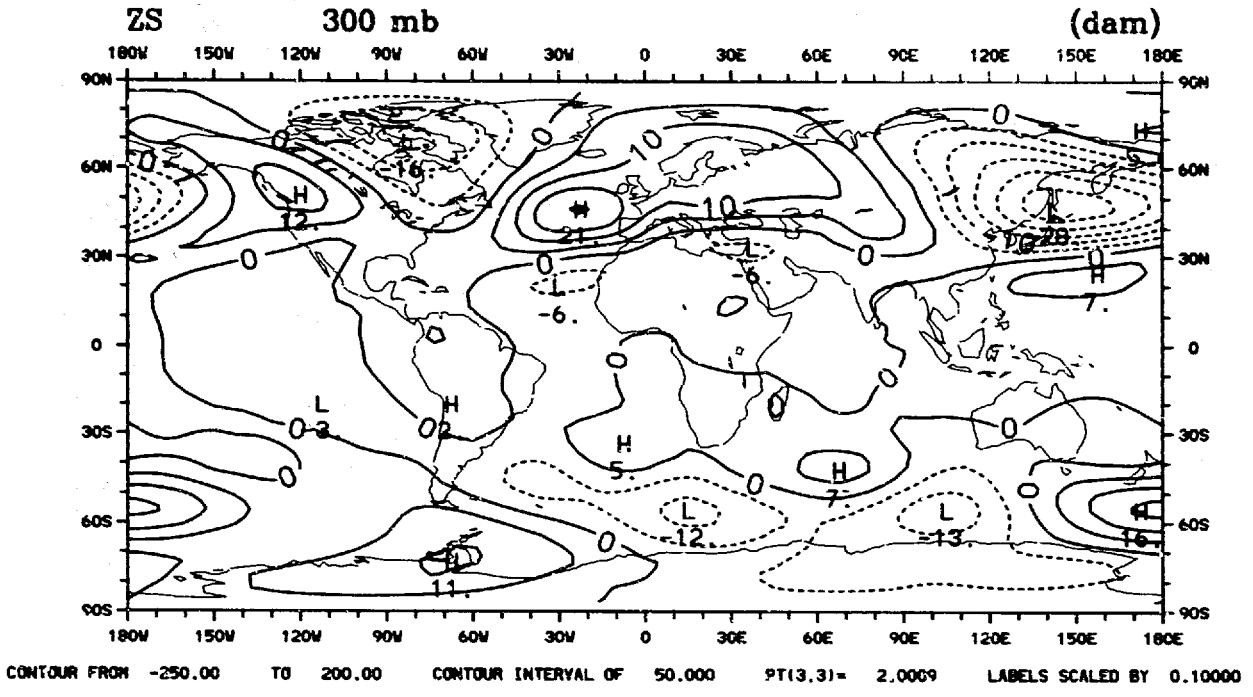
FRAME 2.51

## EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



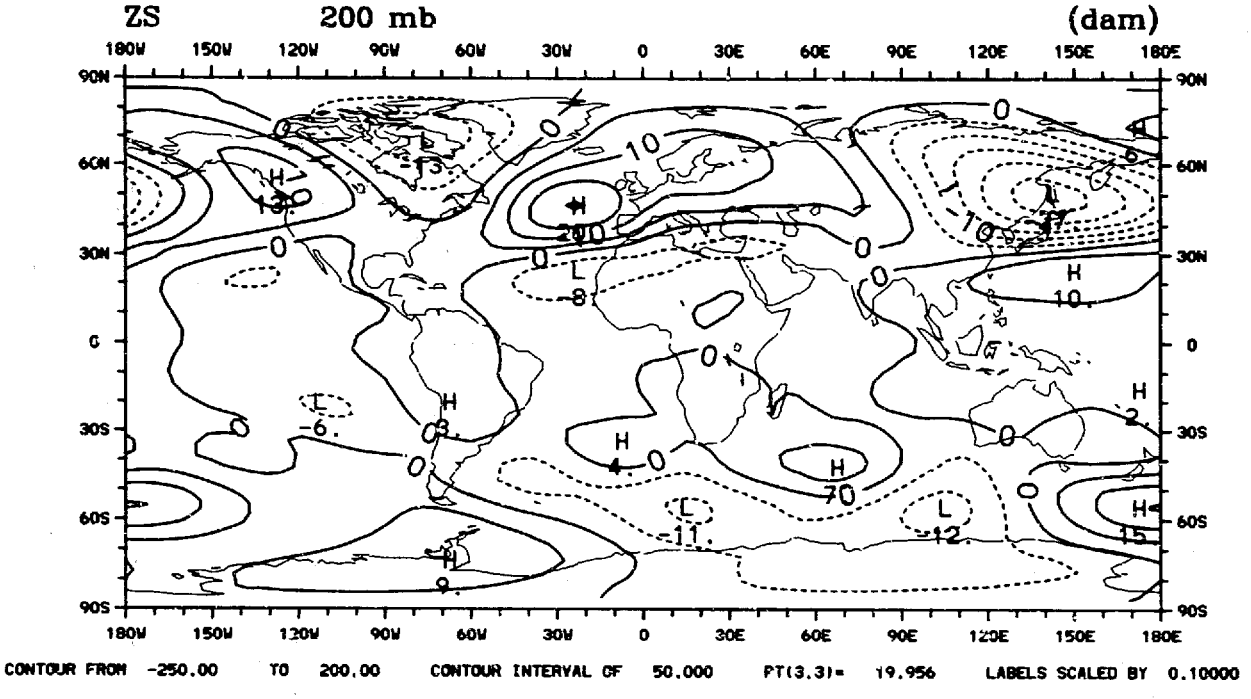

FRAME 2.52

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.53

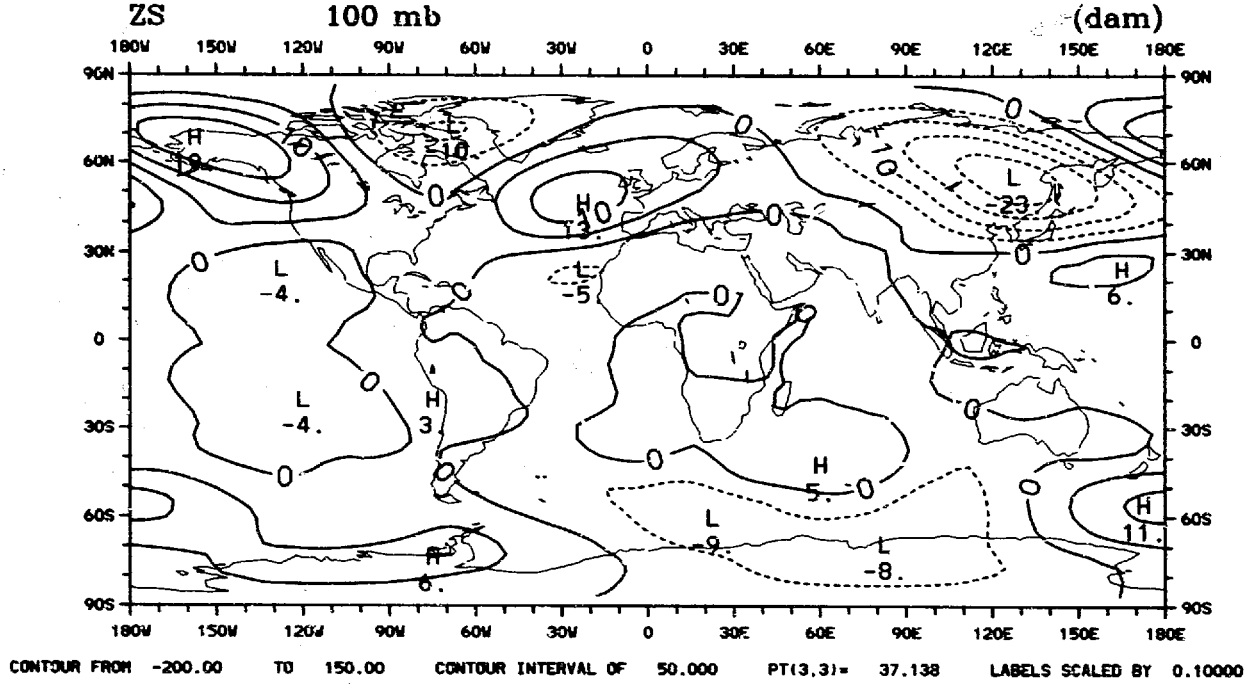
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -250.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 19.956 LABELS SCALED BY 0.10000

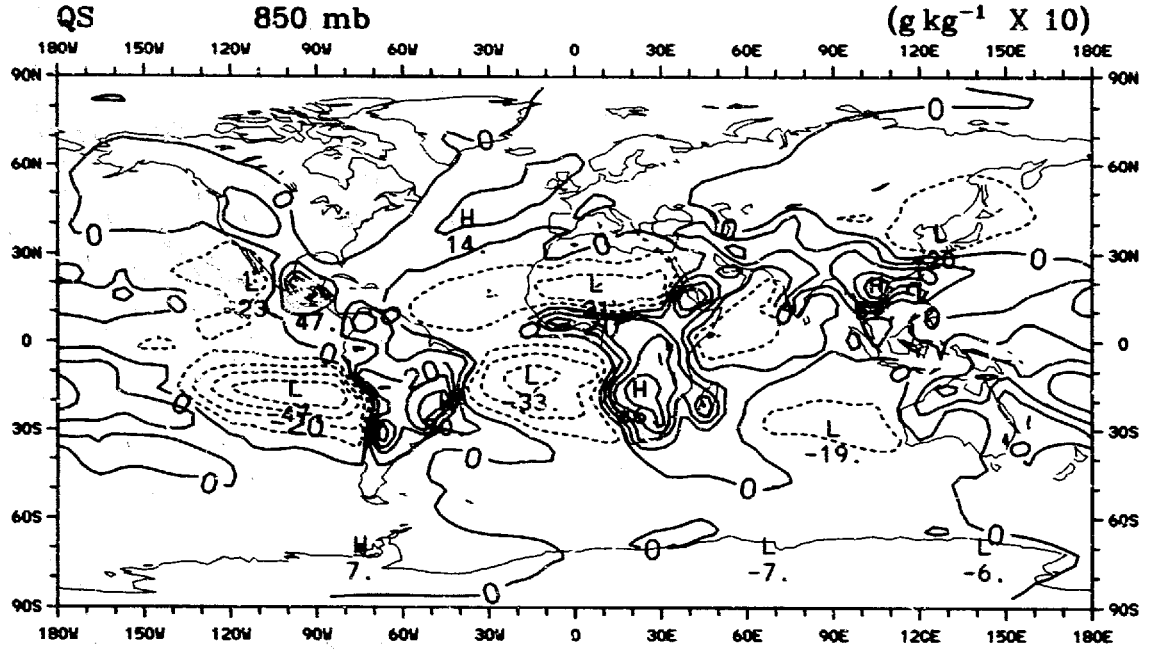
FRAME 2.54

# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.55

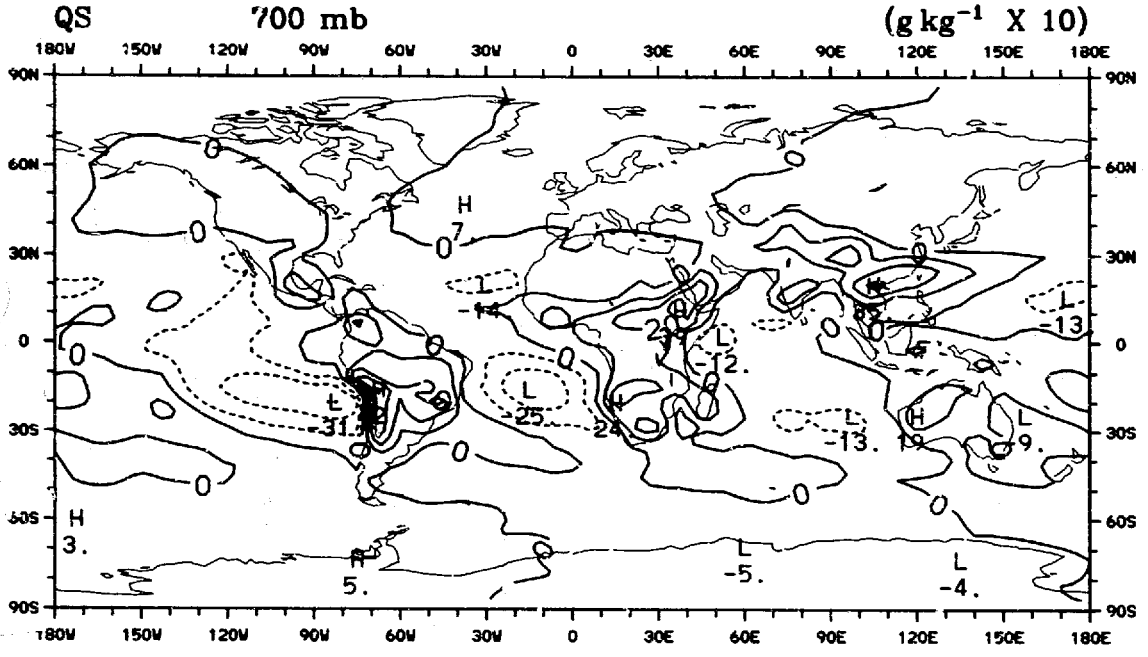
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.25607E-03 LABELS SCALED BY 10000.

FRAME 2.56

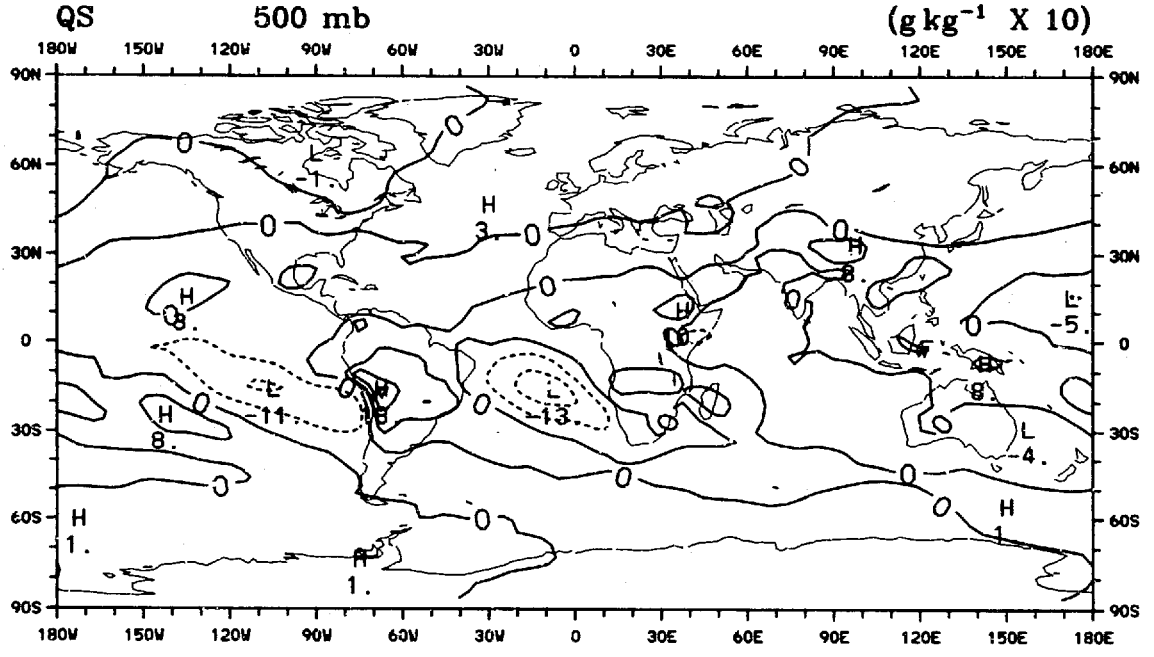
## EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.13880E-03 LABELS SCALED BY 10000.

FRAME 2.57

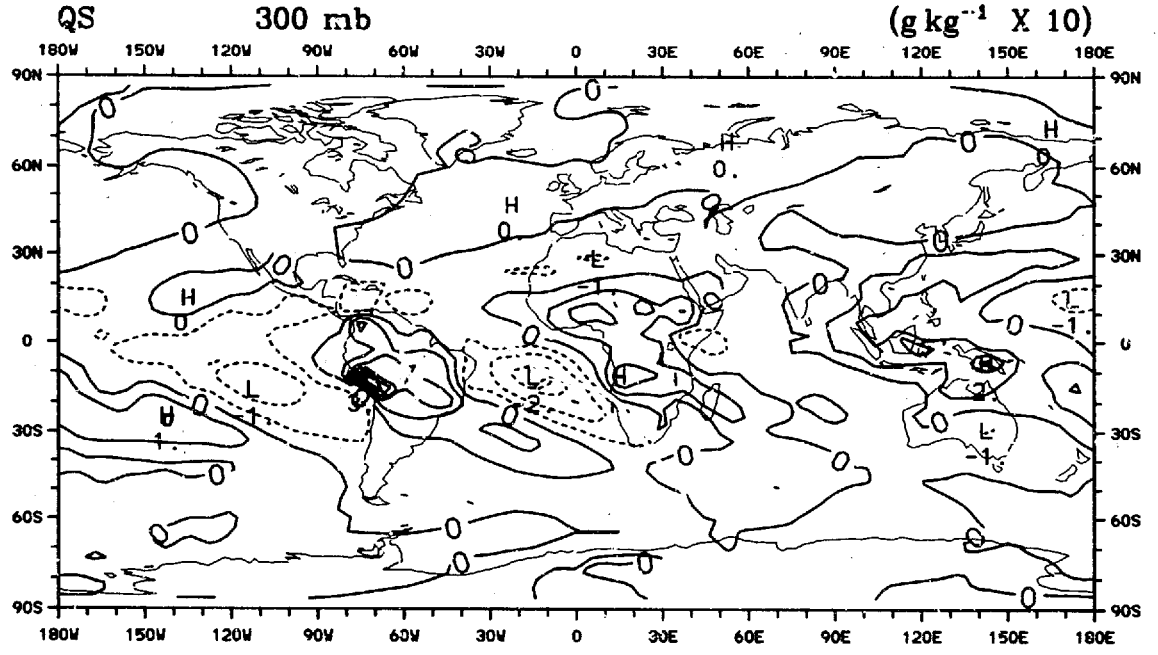
# EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.47609E-04 LABELS SCALED BY 10000.

FRAME 2.58

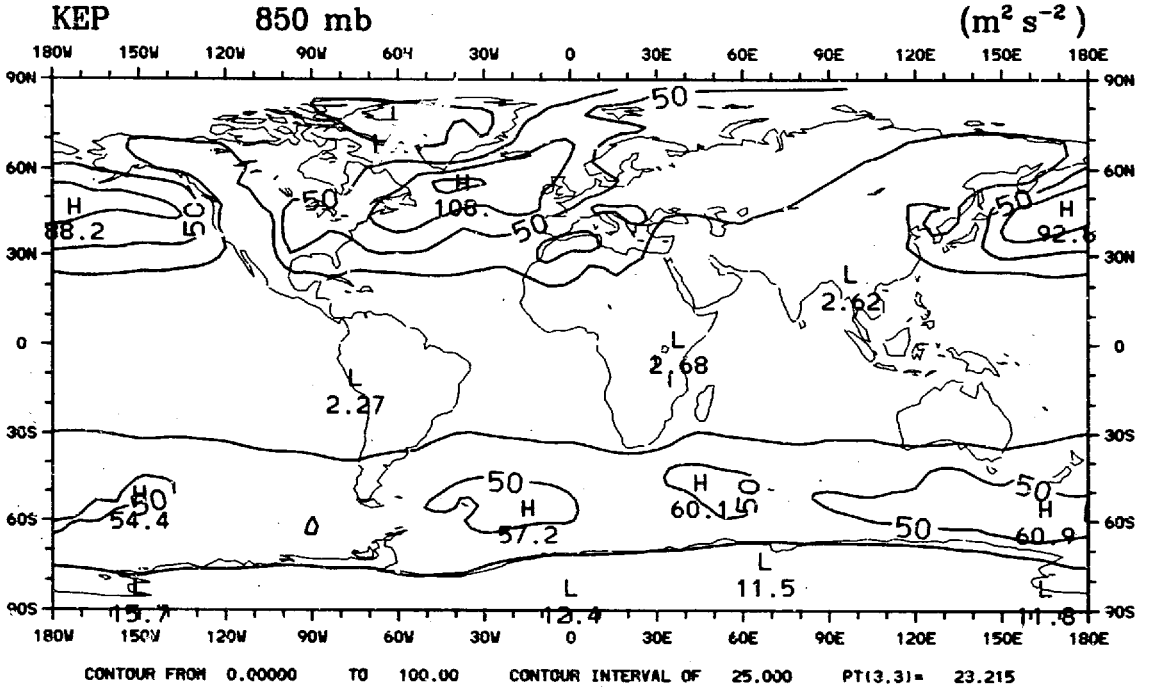
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.15000E-03 TO 0.25000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.90226E-06 LABELS SCALED BY 10000.

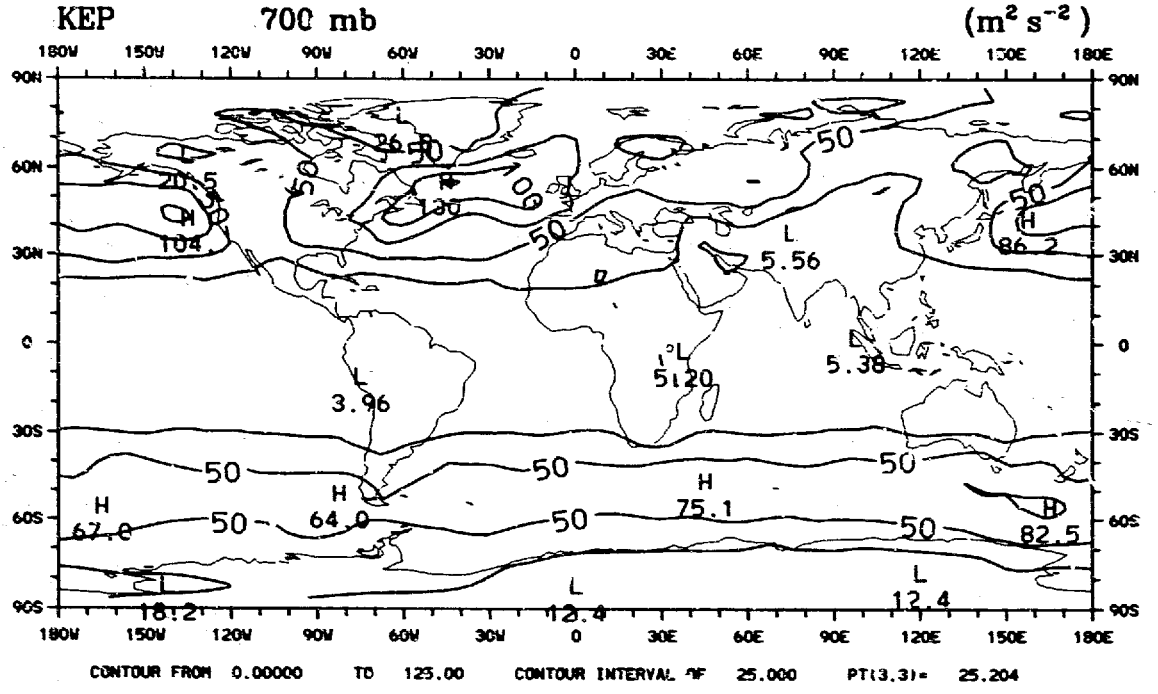
FRAME 2.59

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)



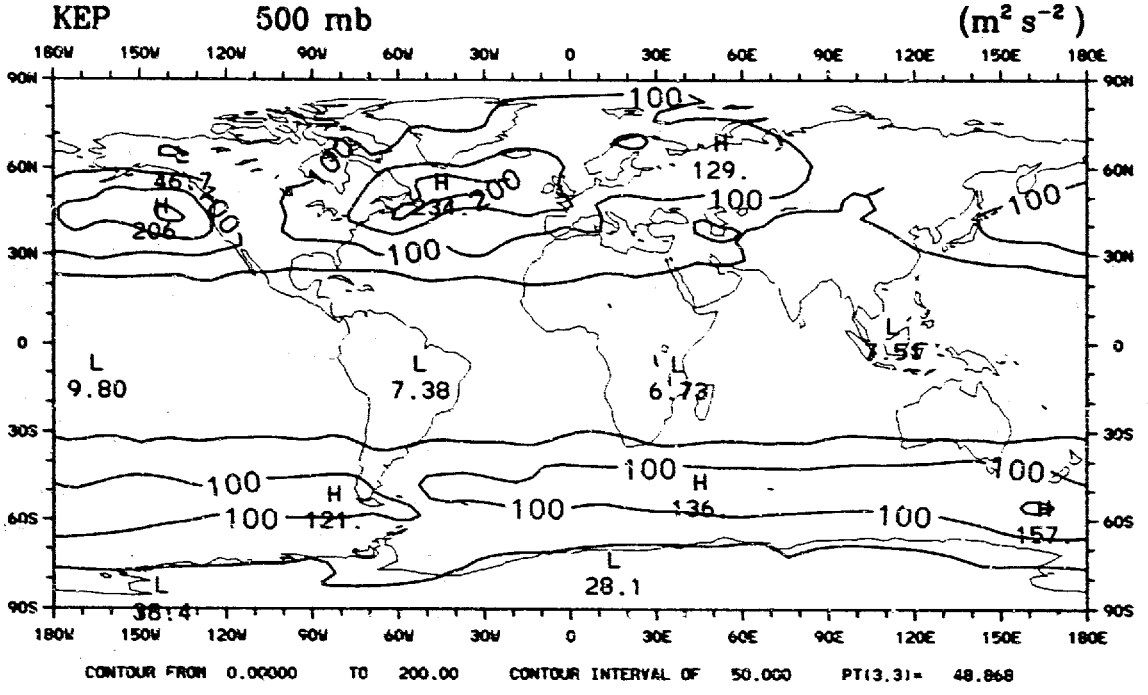

FRAME 2.60

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



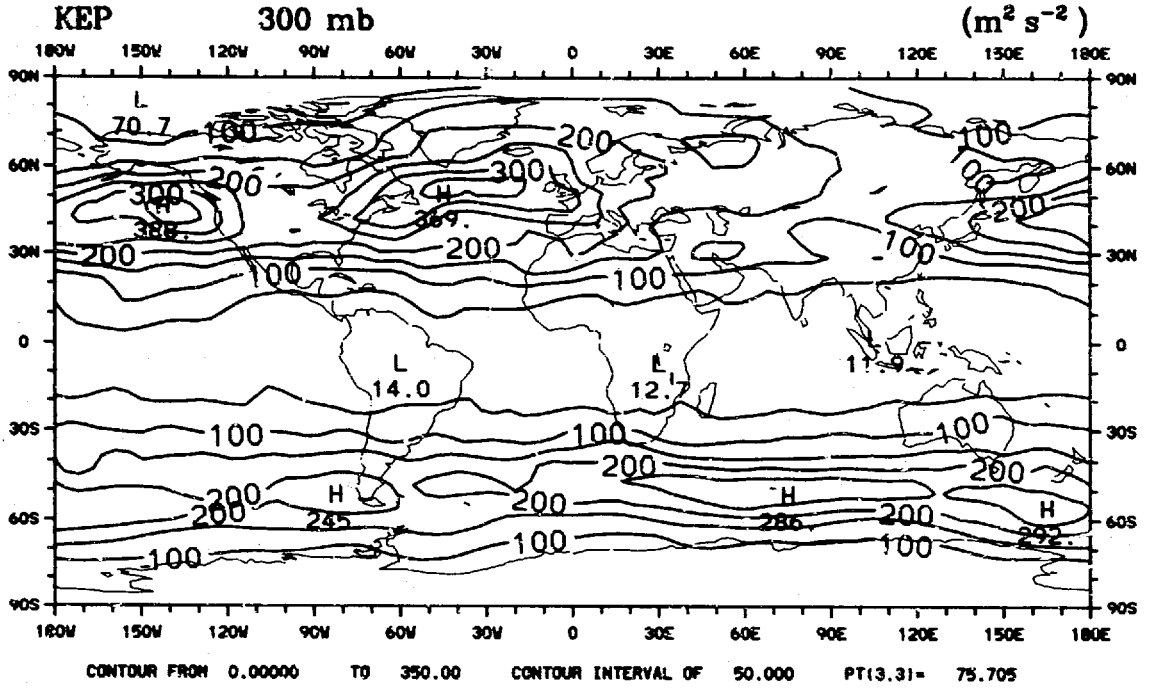

FRAME 2.61

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



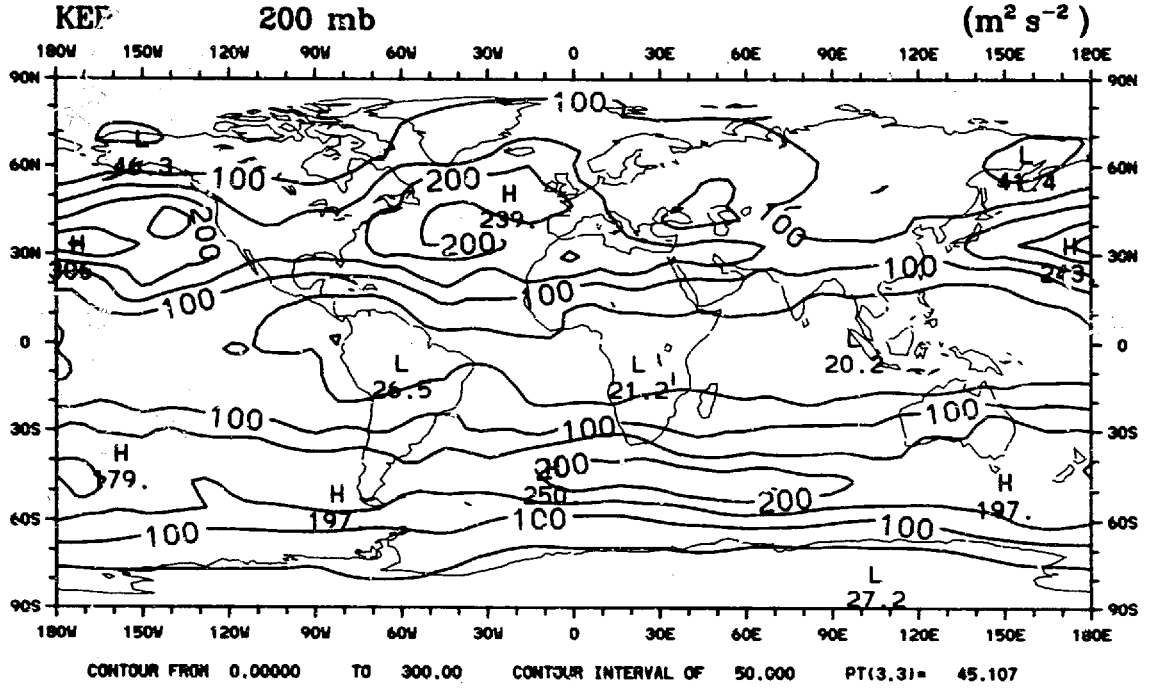

FRAME 2.62

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



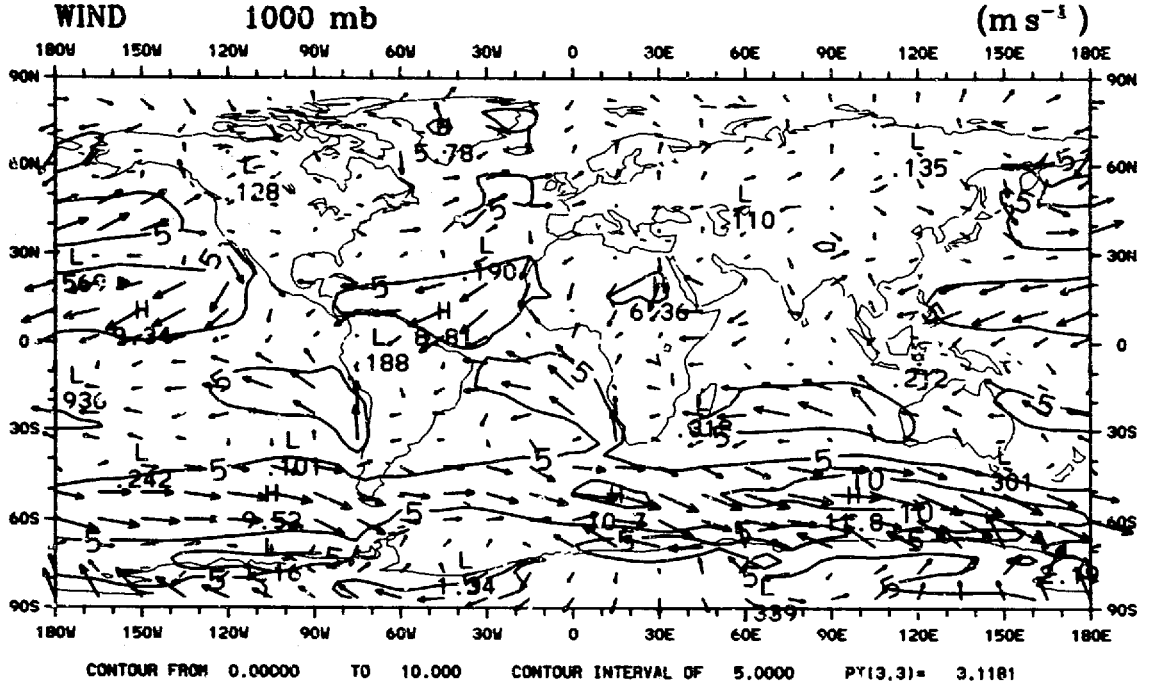

FRAME 2.63

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.14

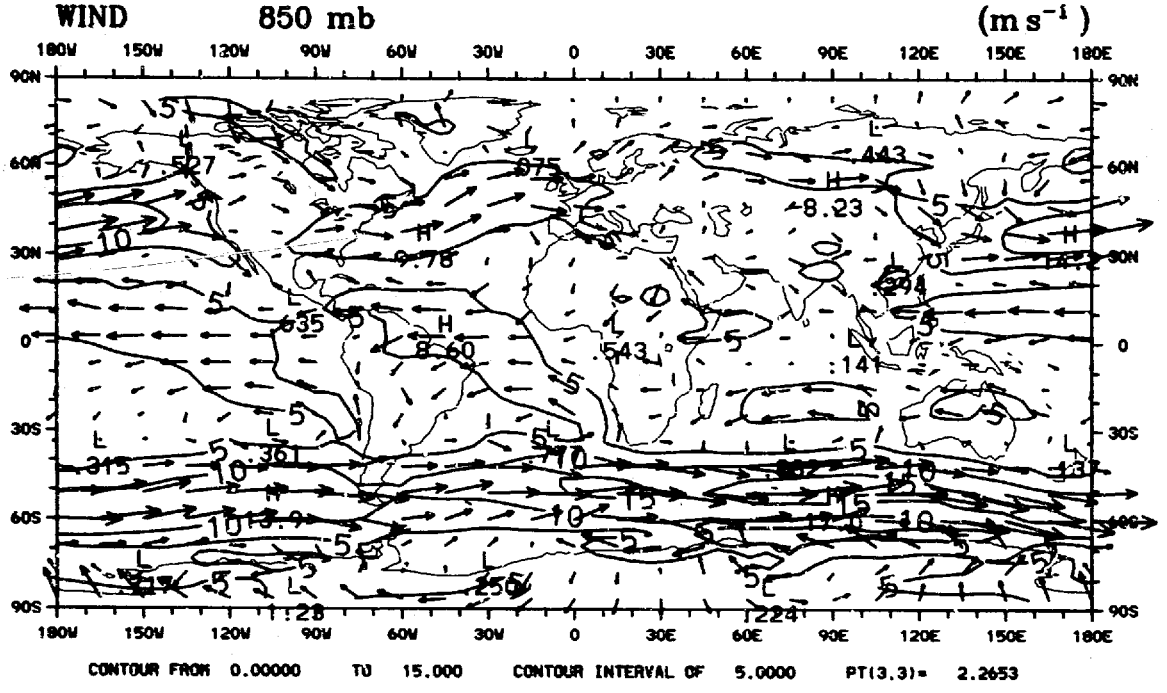
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.65

0.100E+02 →
SCALING VECTOR

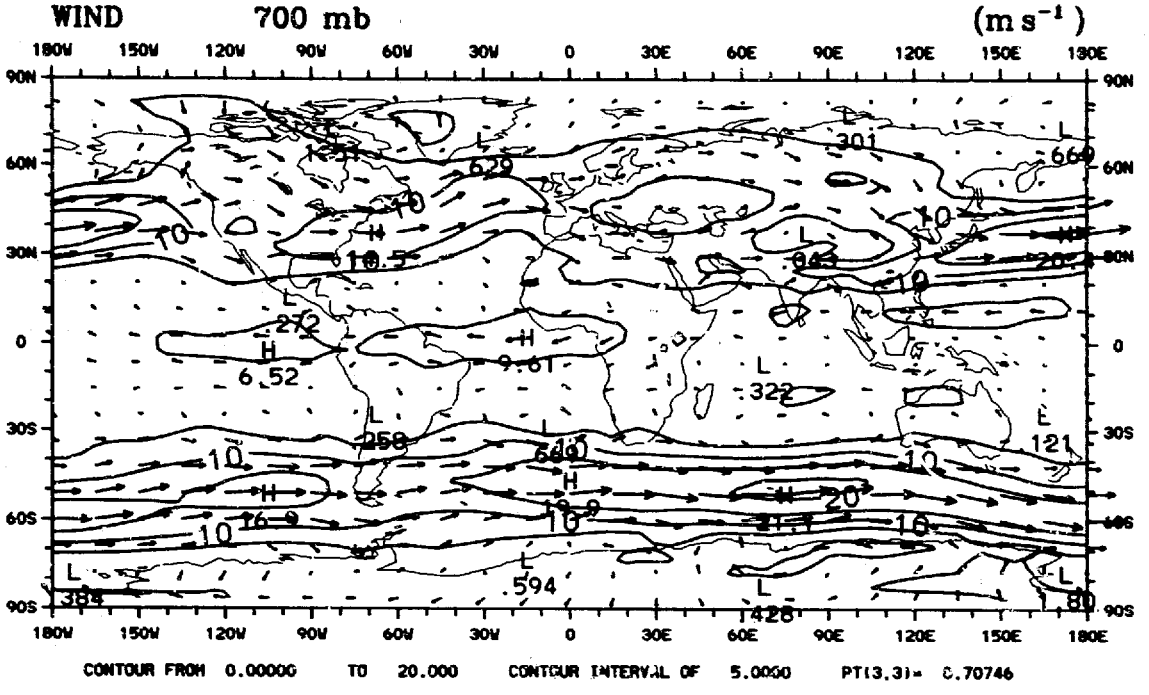
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.66

0.100E+02 →
SCALING VECTOR

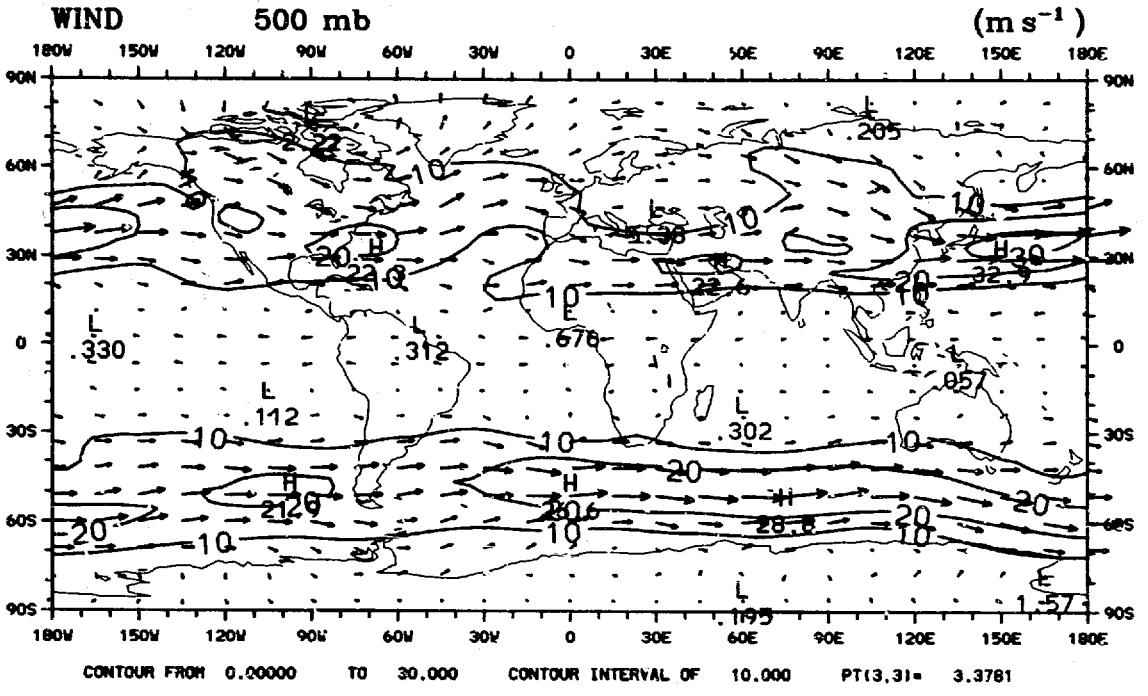
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.67

0.200E+02 →
SCALING VECTOR

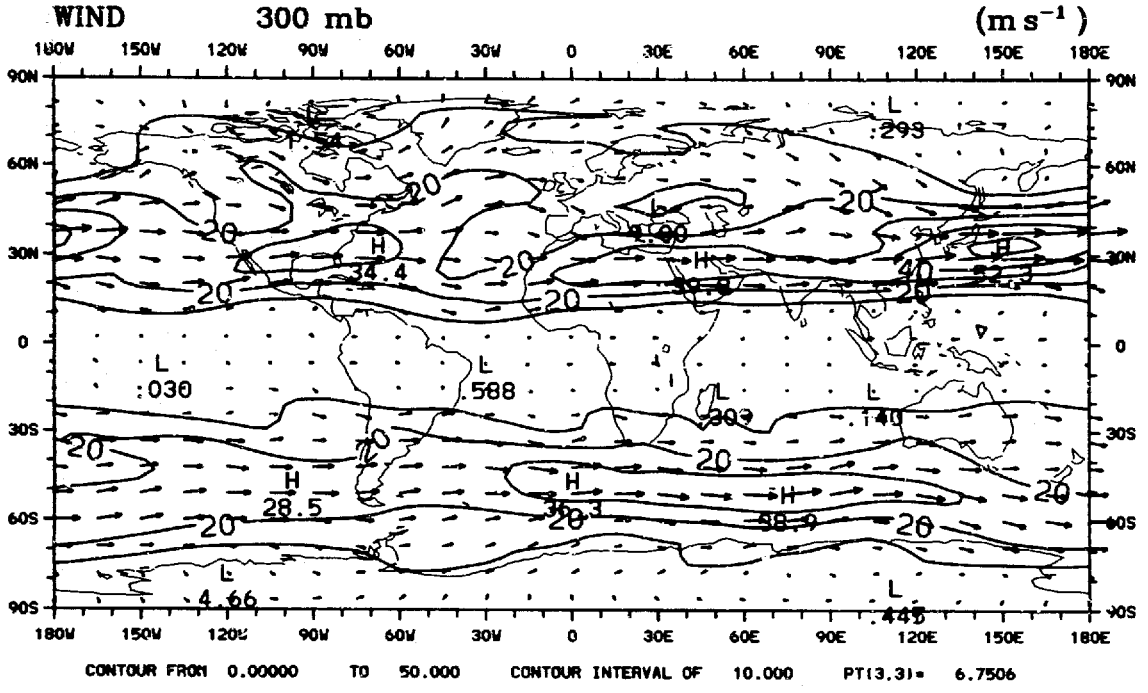
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.300E+02 ⟶
SCALING VECTOR

FRAME 2.68

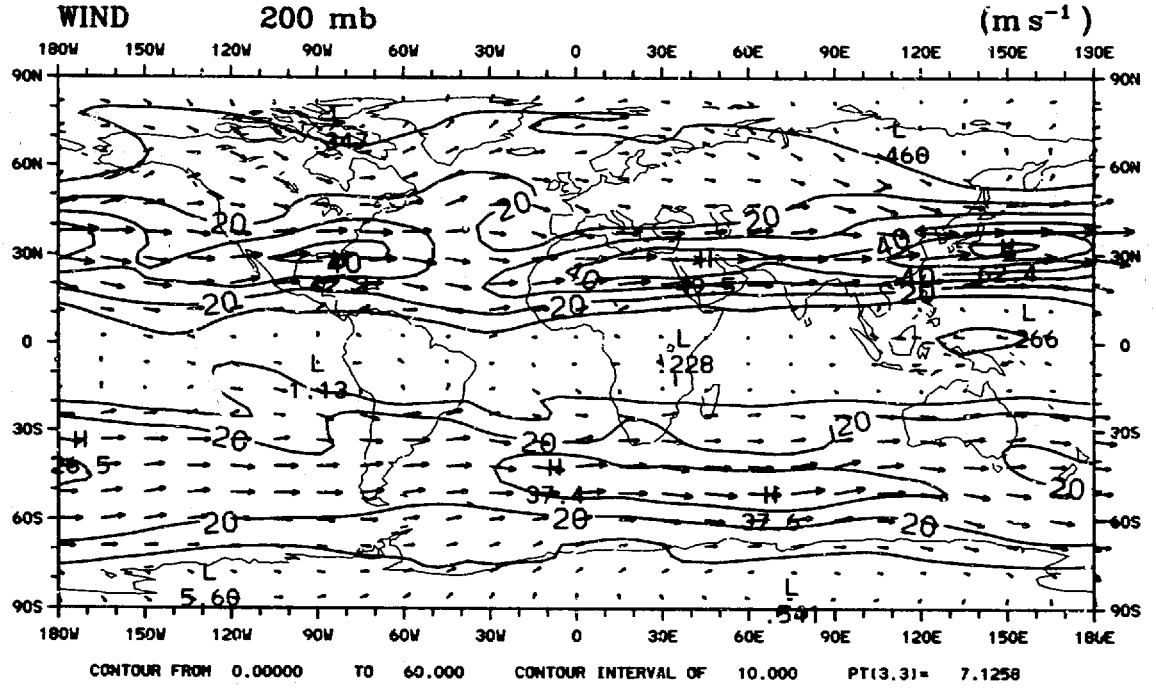
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

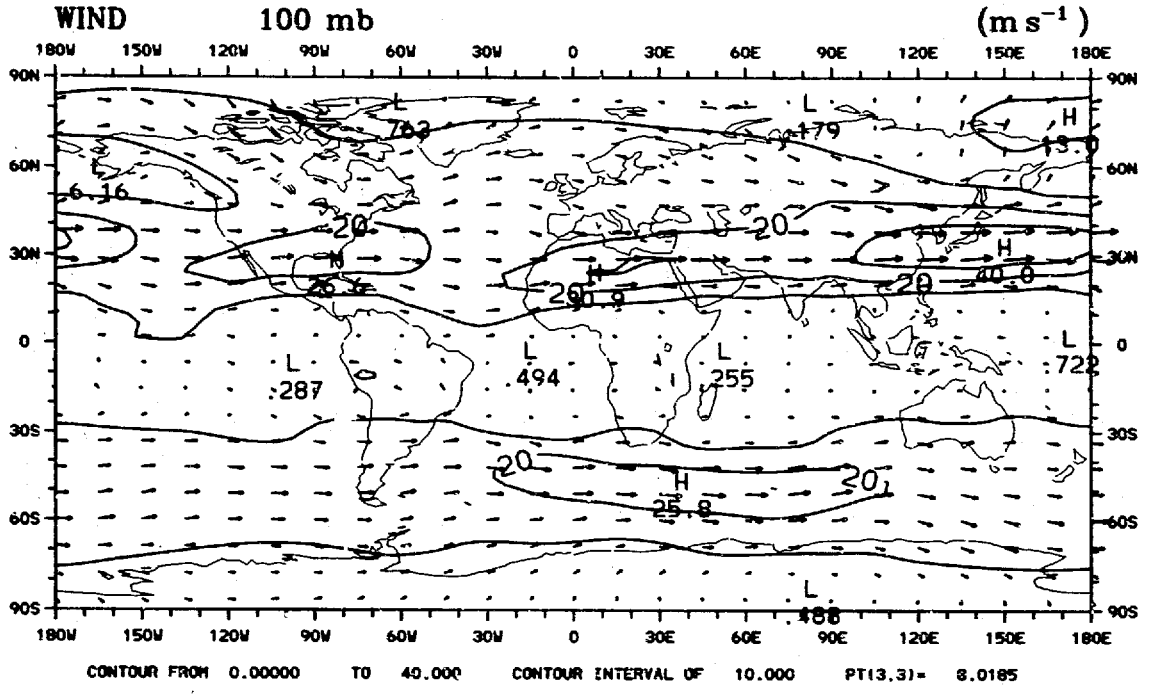
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.70

0.500E+02 →
SCALING VECTOR

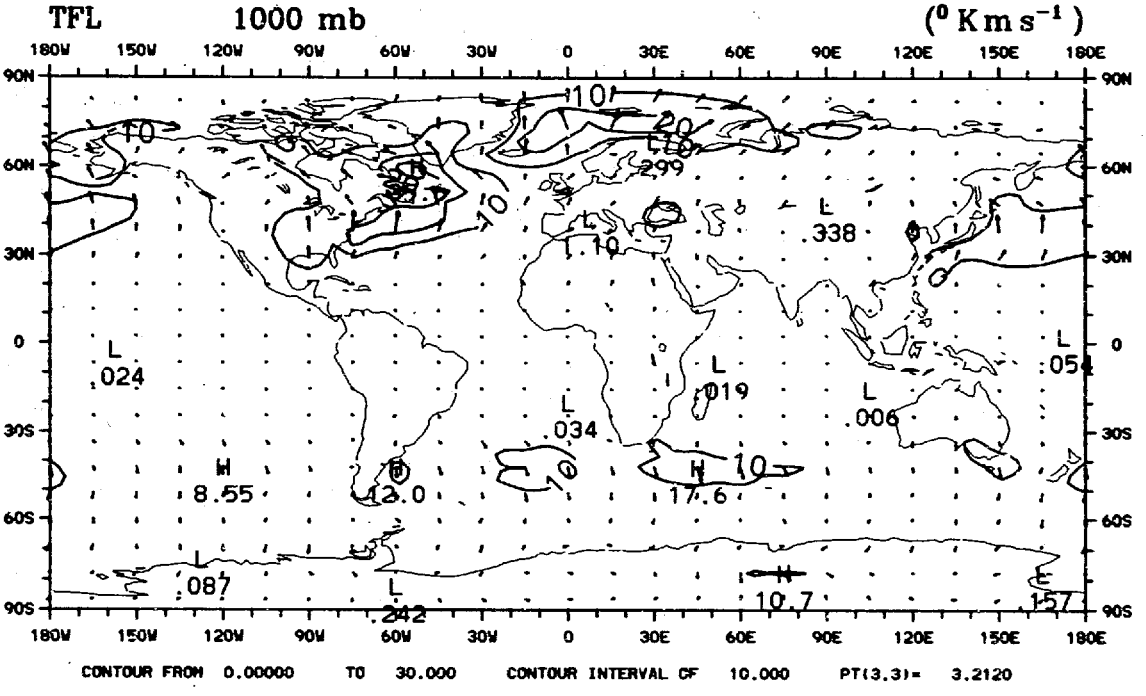
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

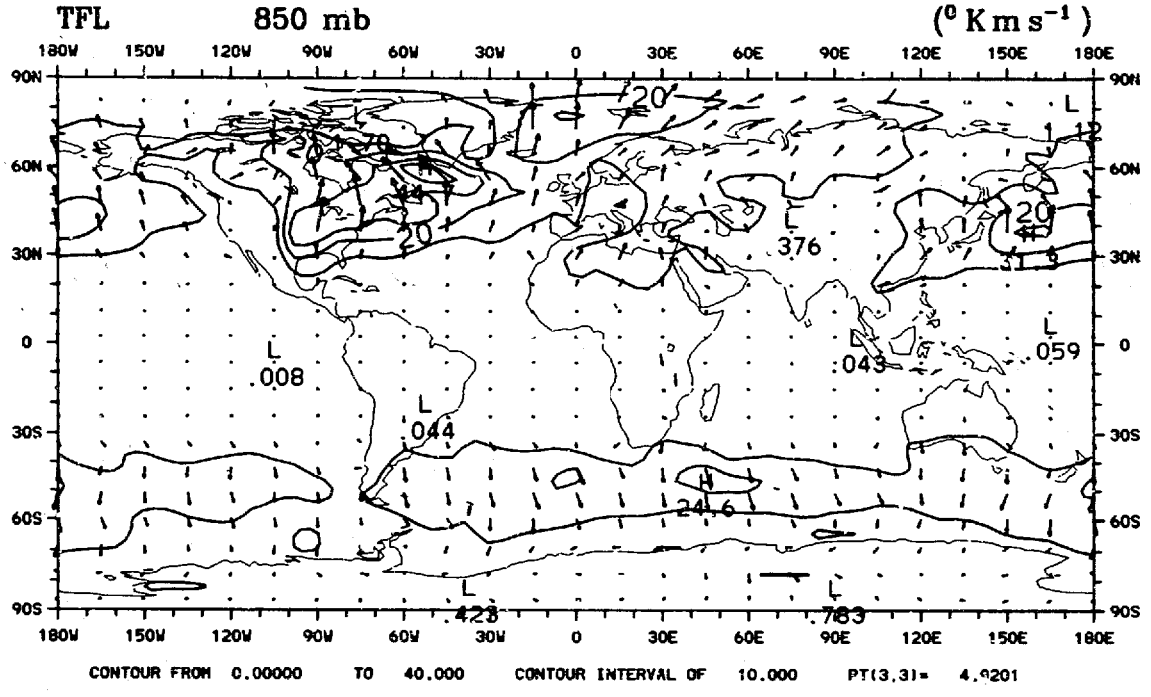
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

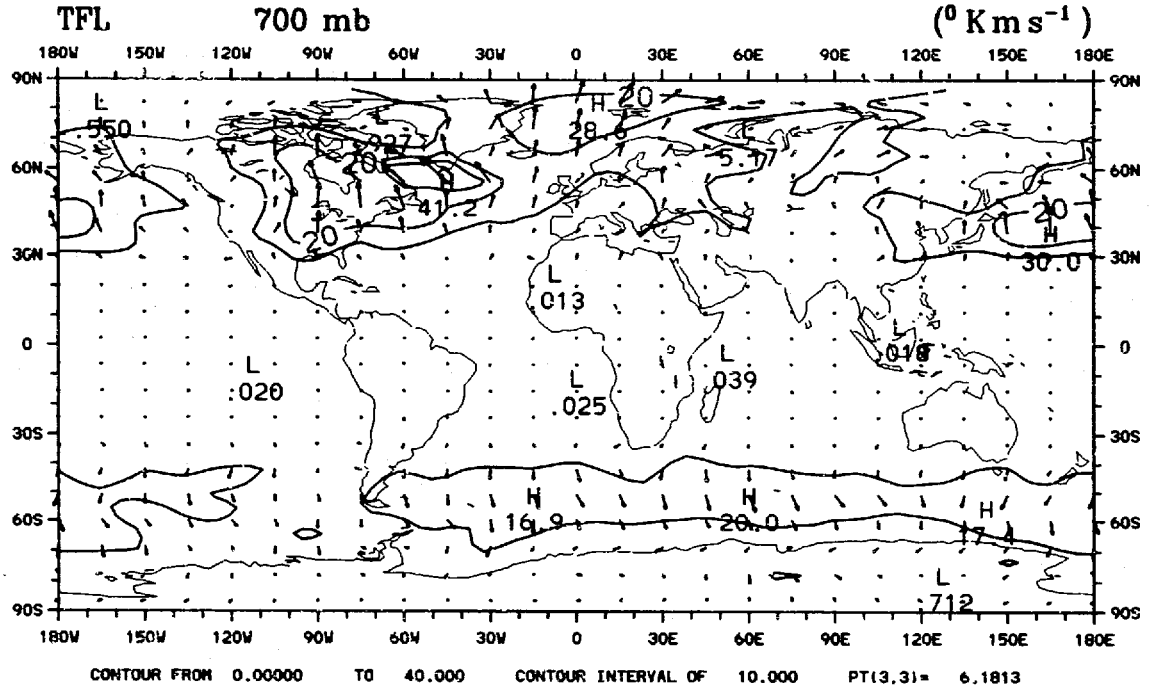
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

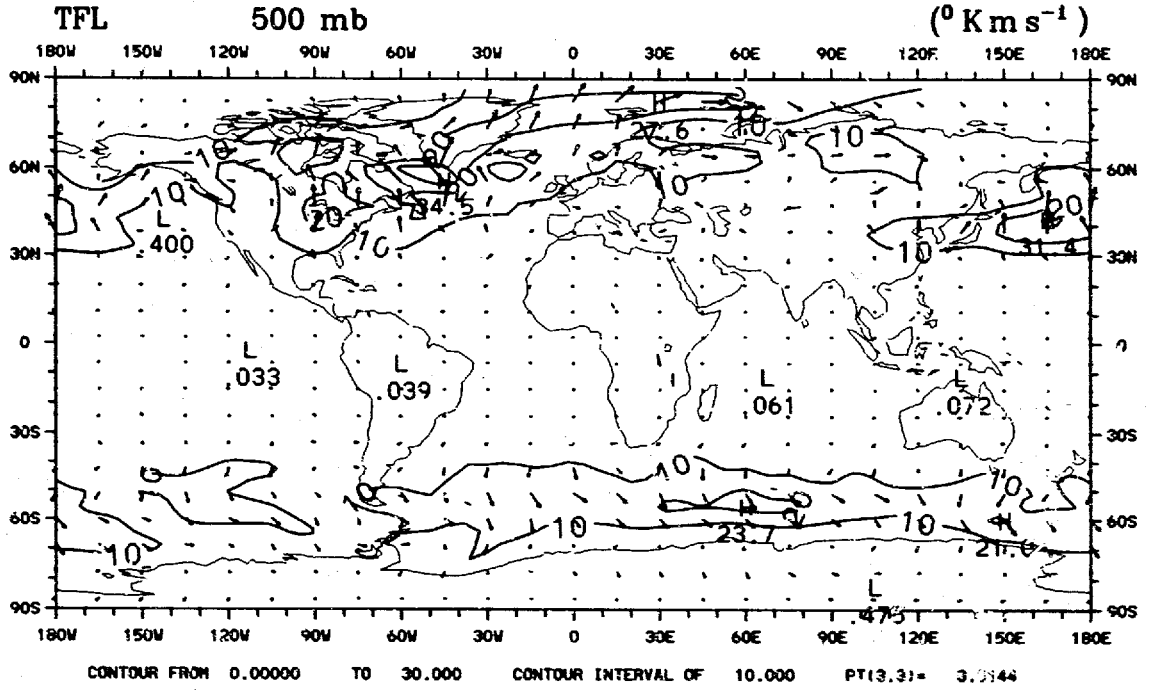
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.74

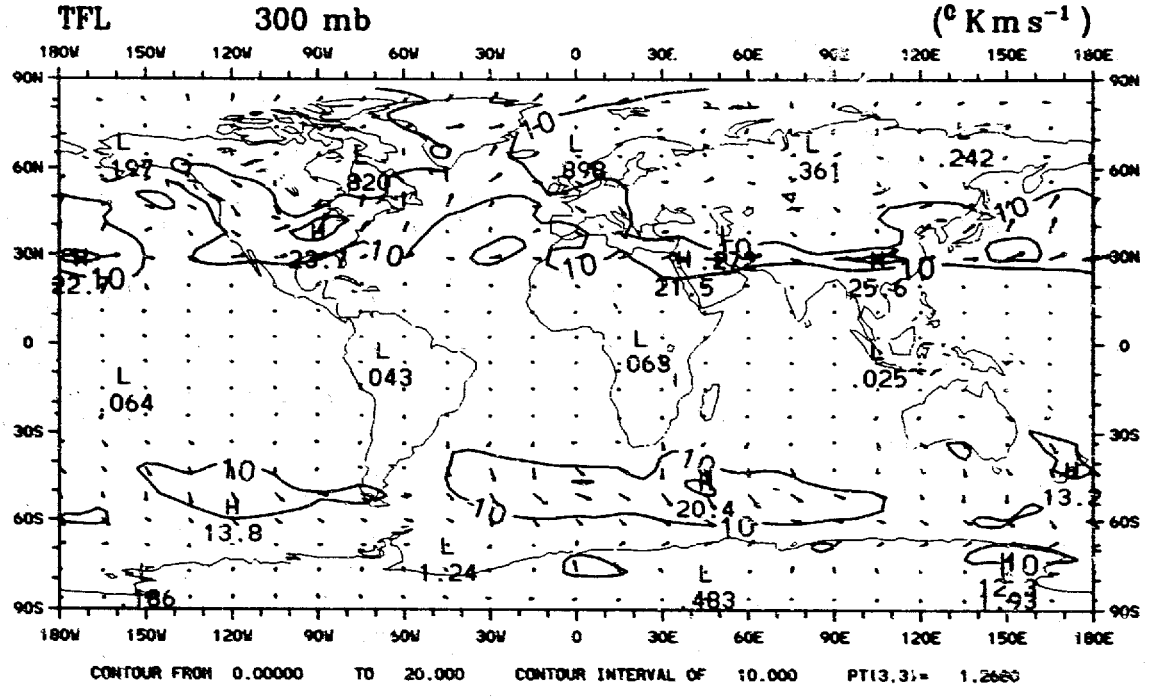
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

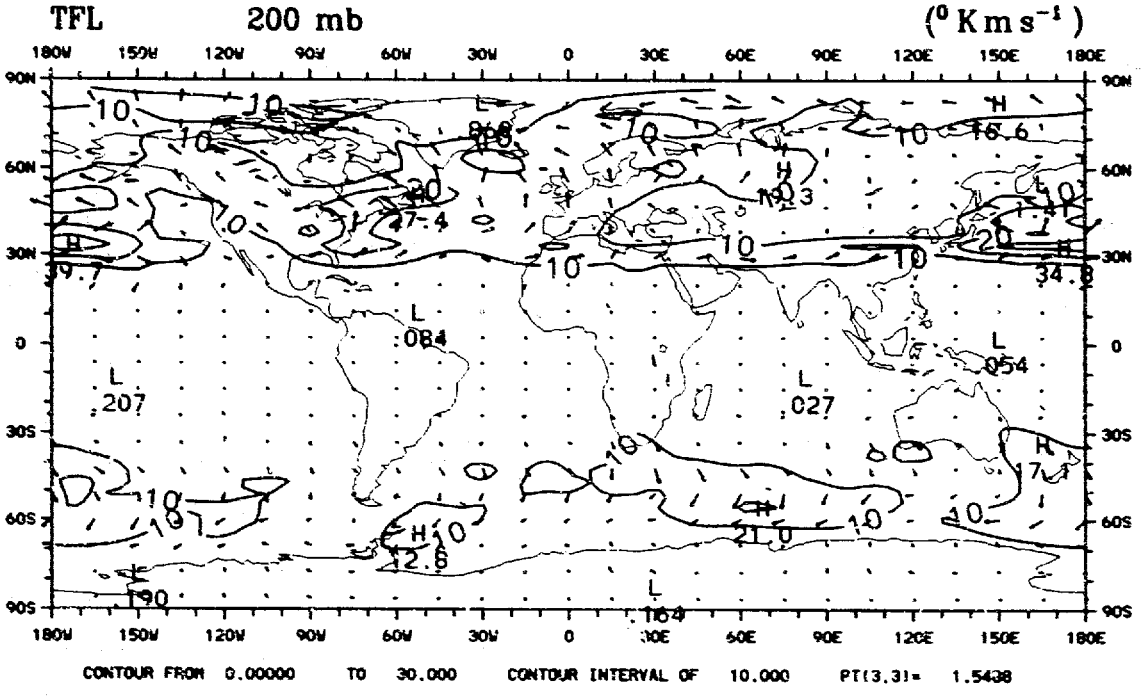
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

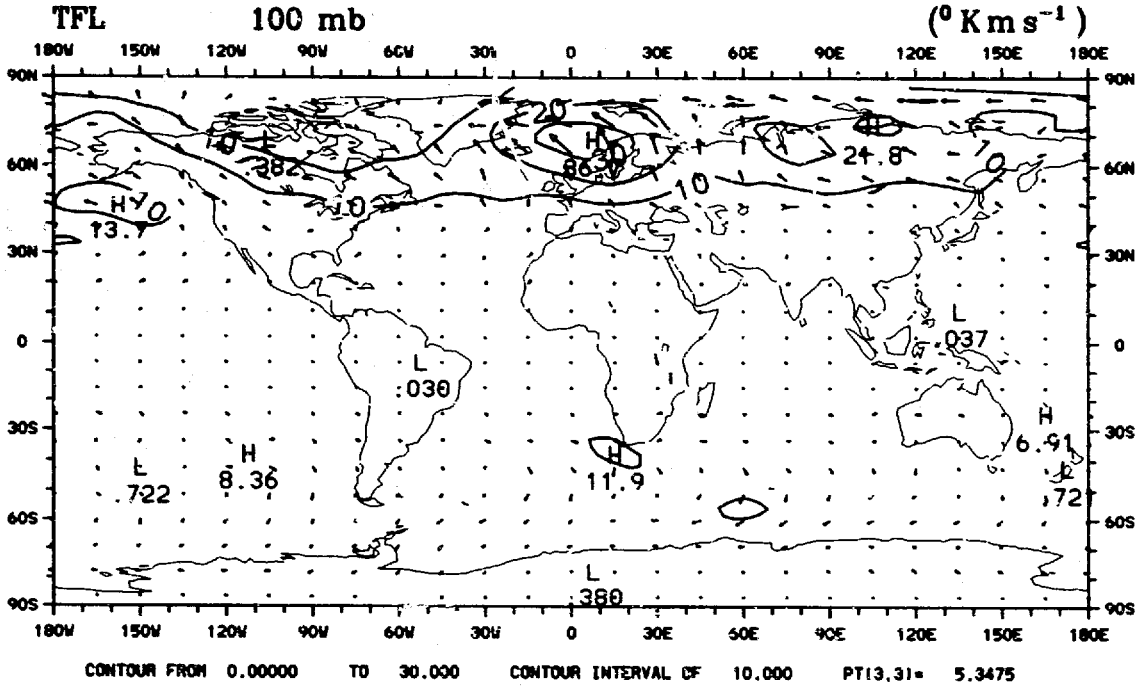
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

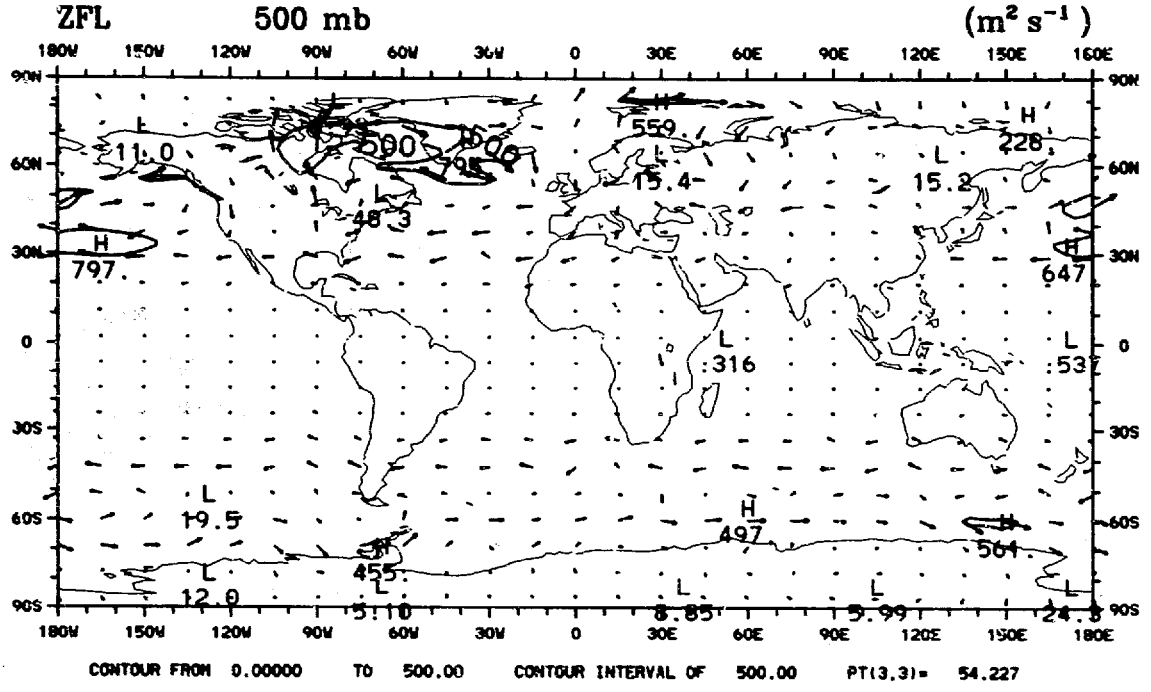
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.78

0.500E+02 →
SCALING VECTOR

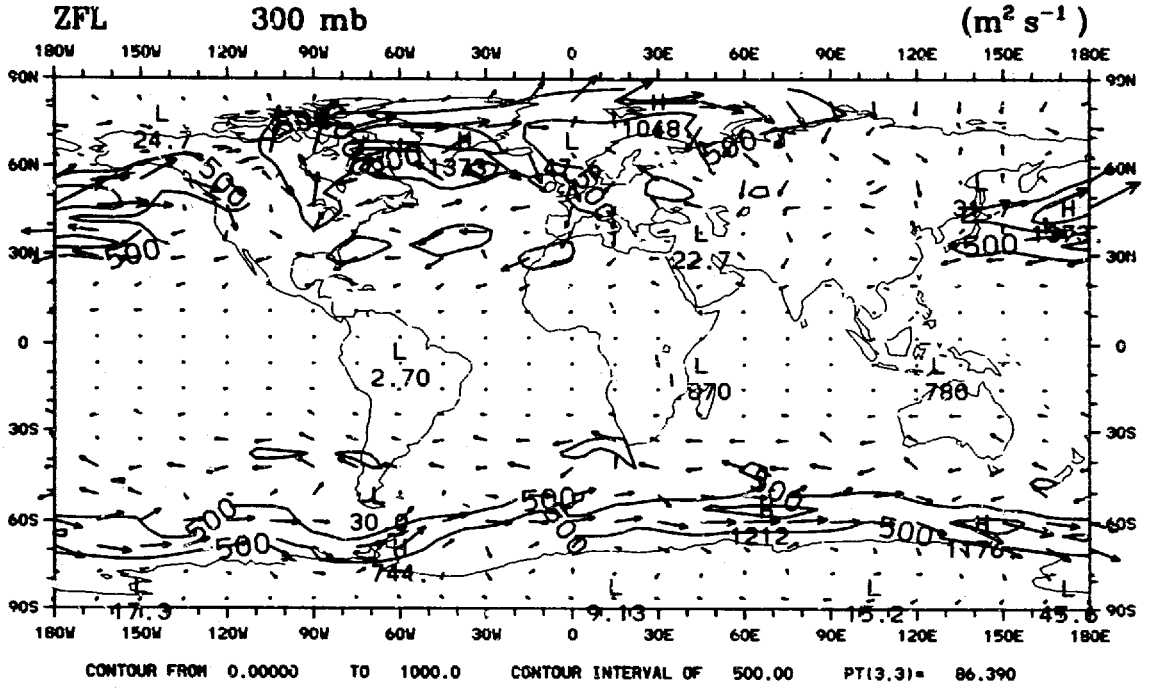
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.79

0.100E+04 ⟶
SCALING VECTOR

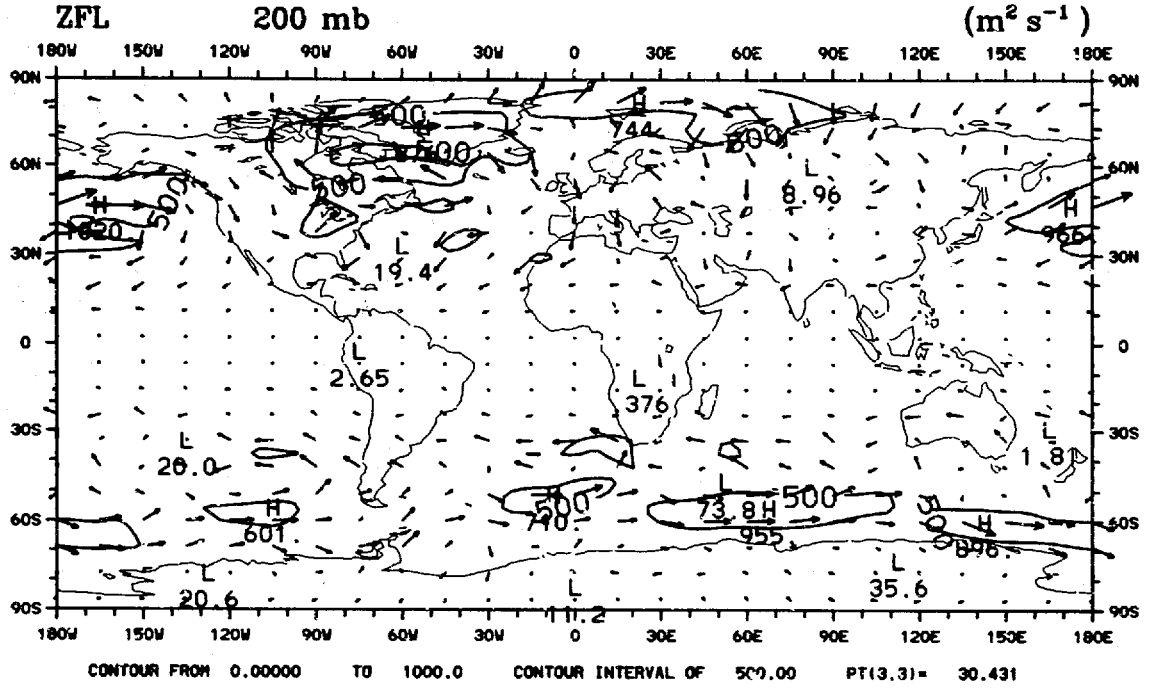
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.80

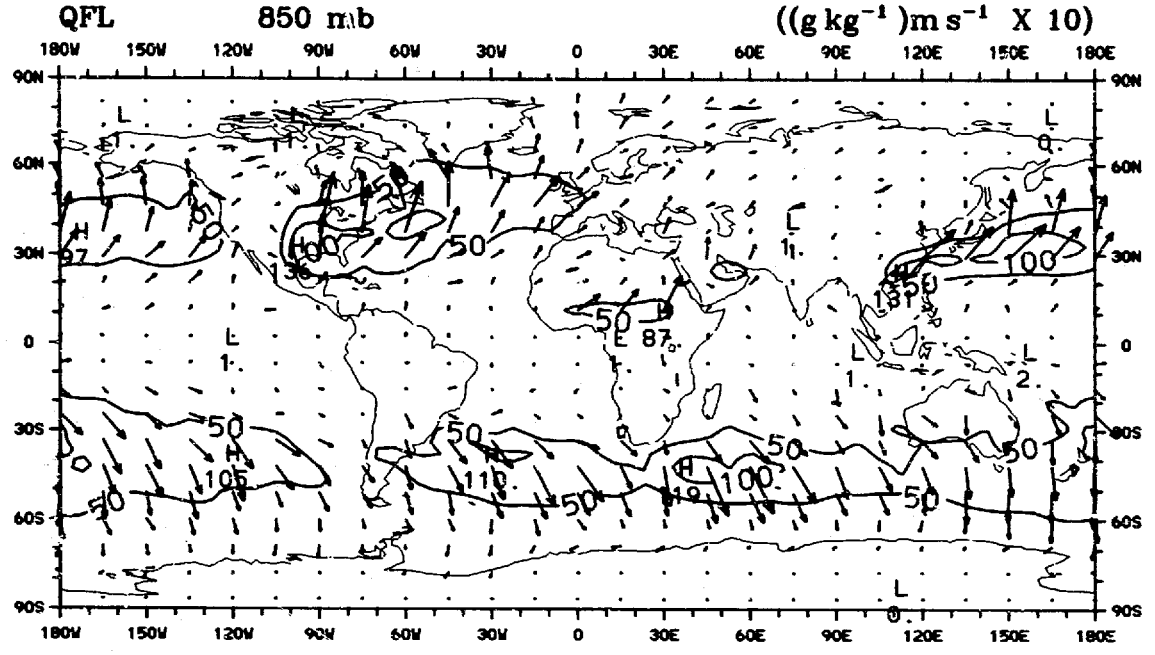
EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

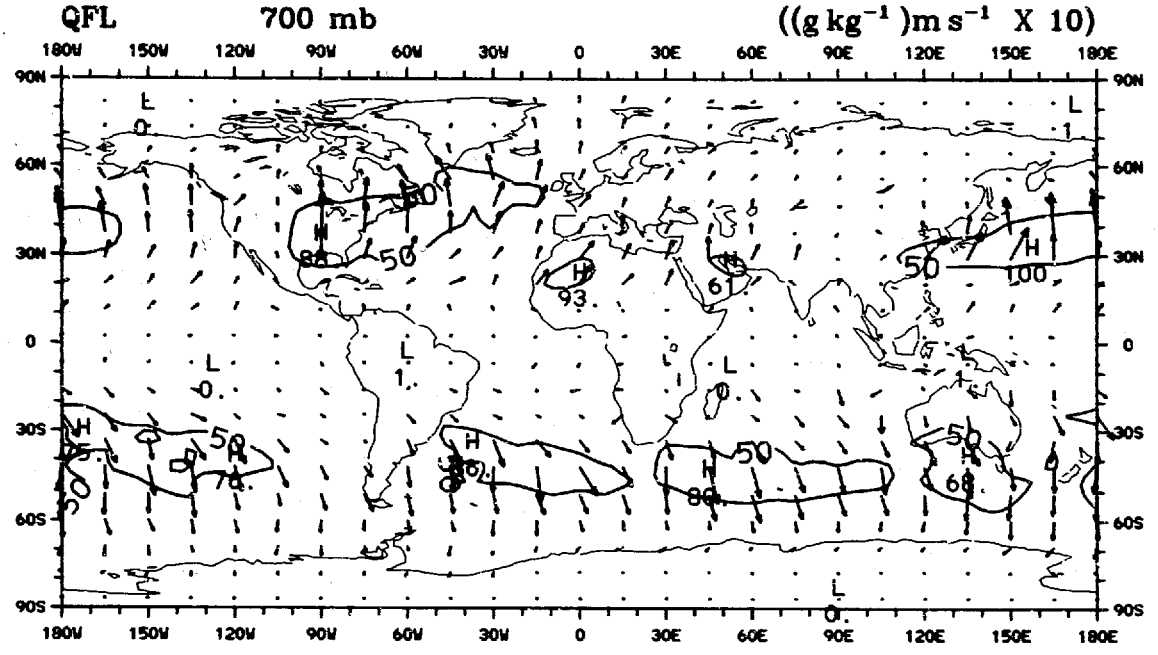



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.10955E-02 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.82

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)



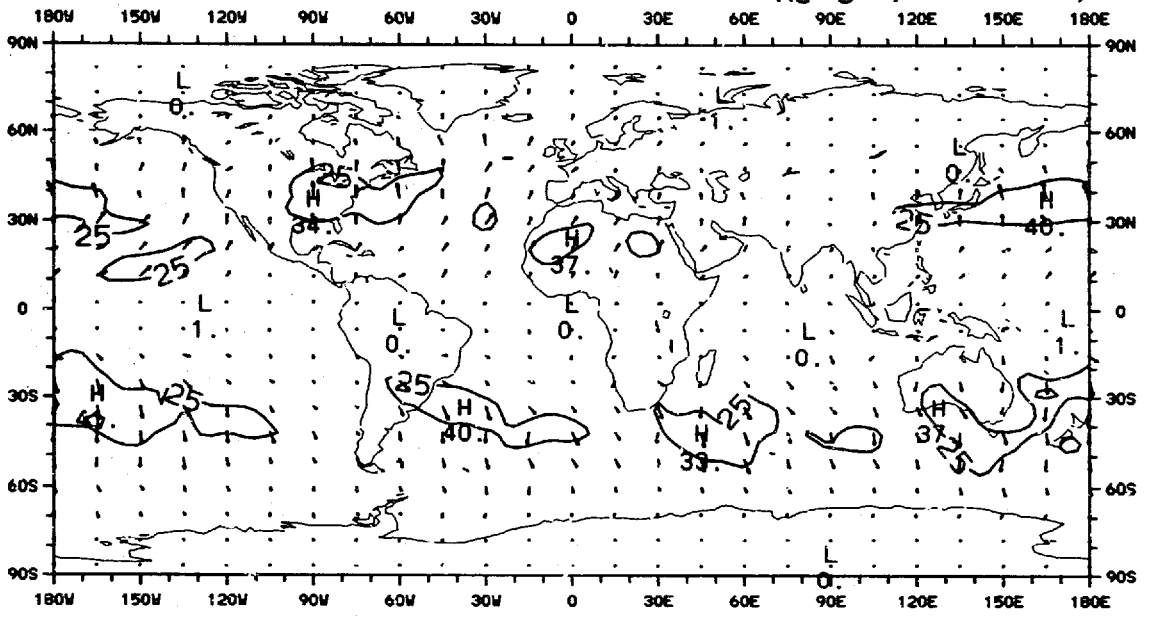

CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.92397E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.83

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

QFL 500 mb $((g\,kg^{-1})m\,s^{-1}$ X 10)



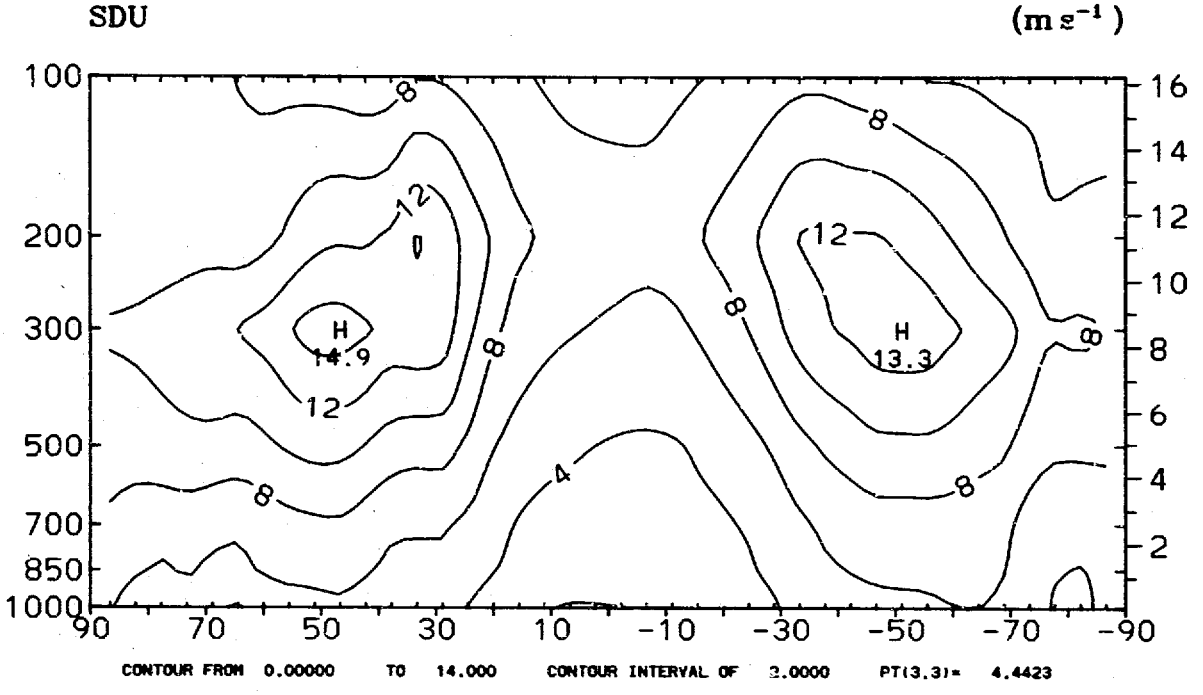

CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.37702E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.84

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

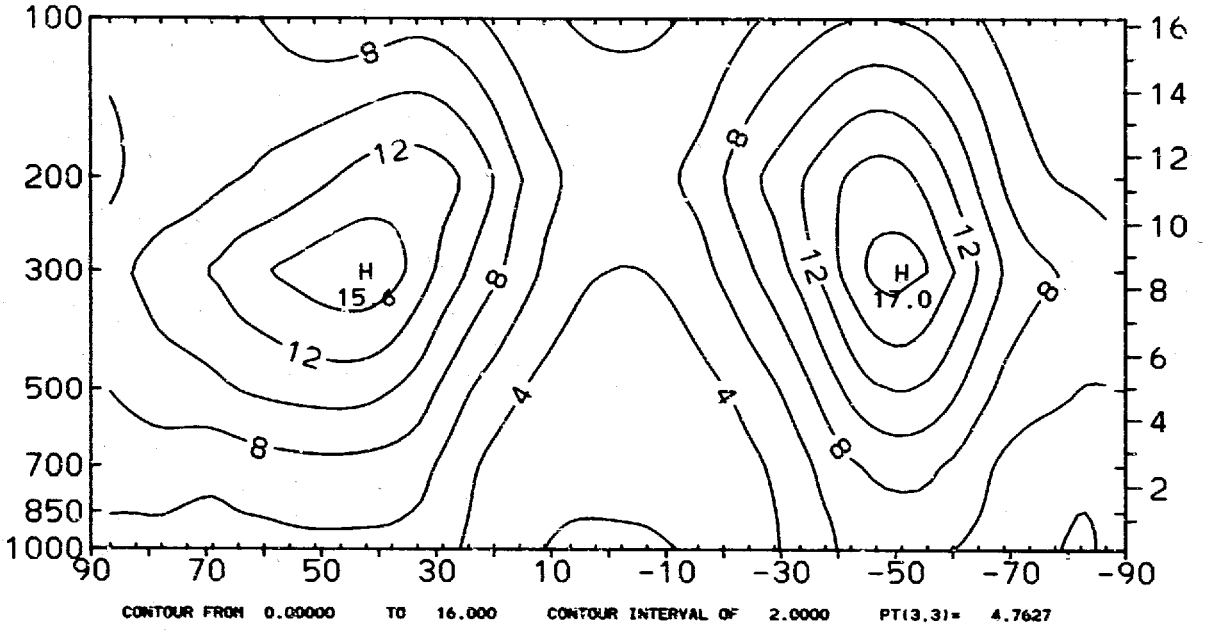
SDU




FRAME 2.85

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

SDV (m s$^{-1}$)

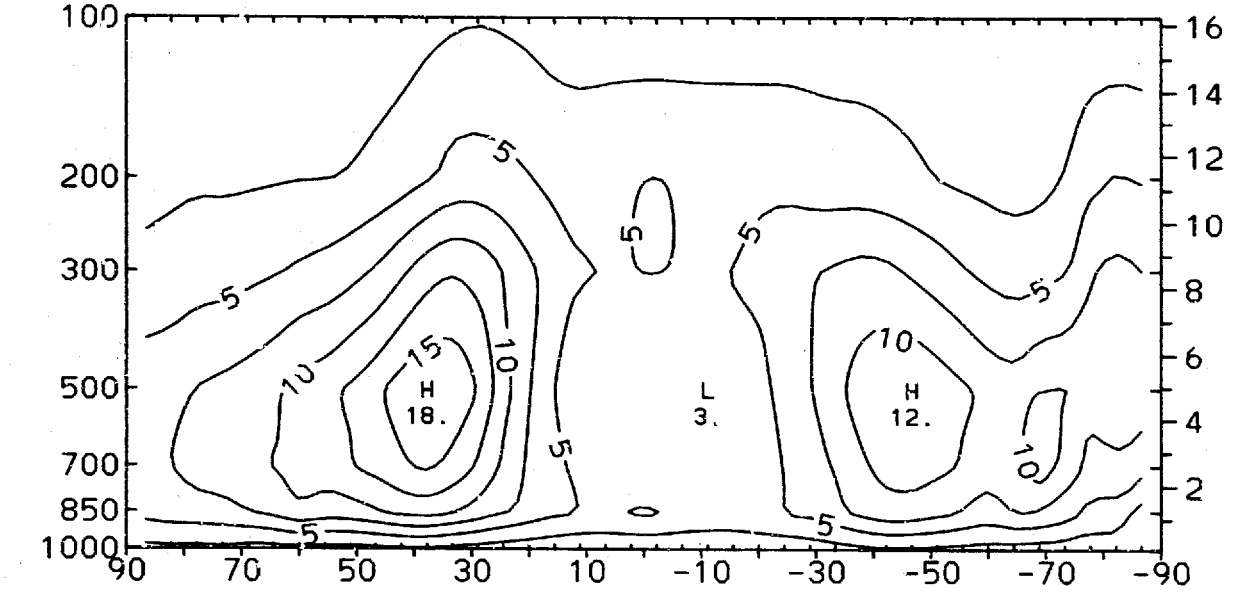



CONTOUR FROM 0.00000 TO 16.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 4.7627

FRAME 2.86

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

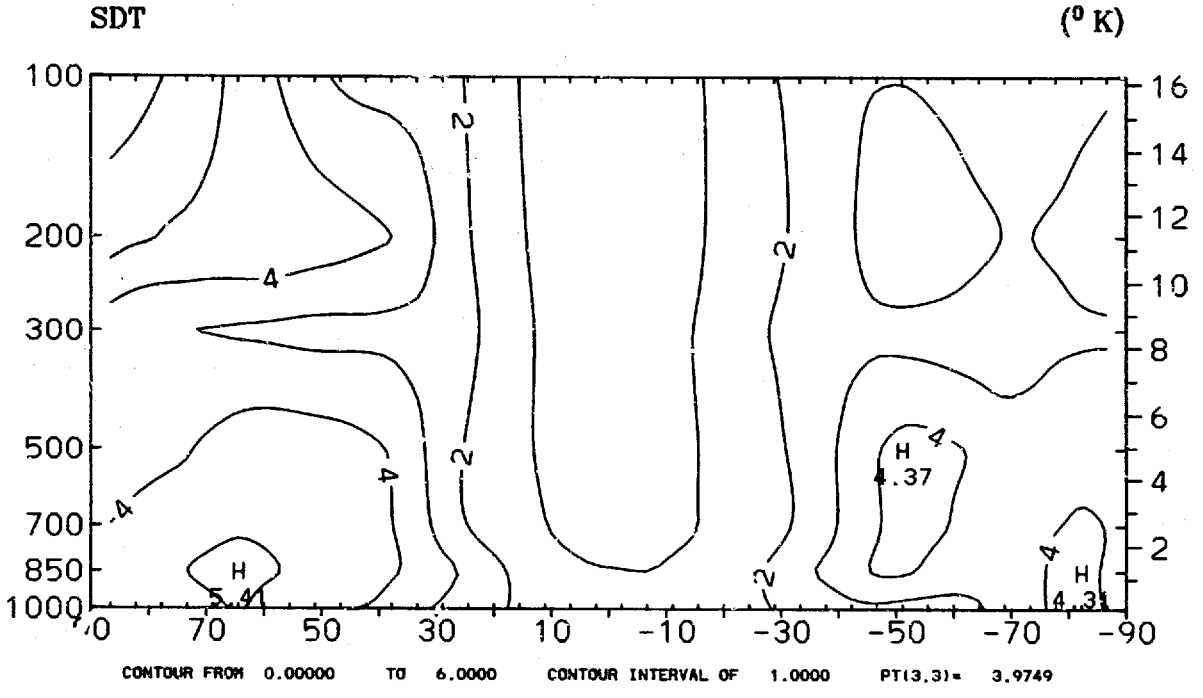
SDW (mb $s^{-1}$ X $10^4$)




CONTOUR FROM 0.00000 TO 0.17500 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.67G82E-01 LABELS SCALED BY 100.00

FRAME 2.87

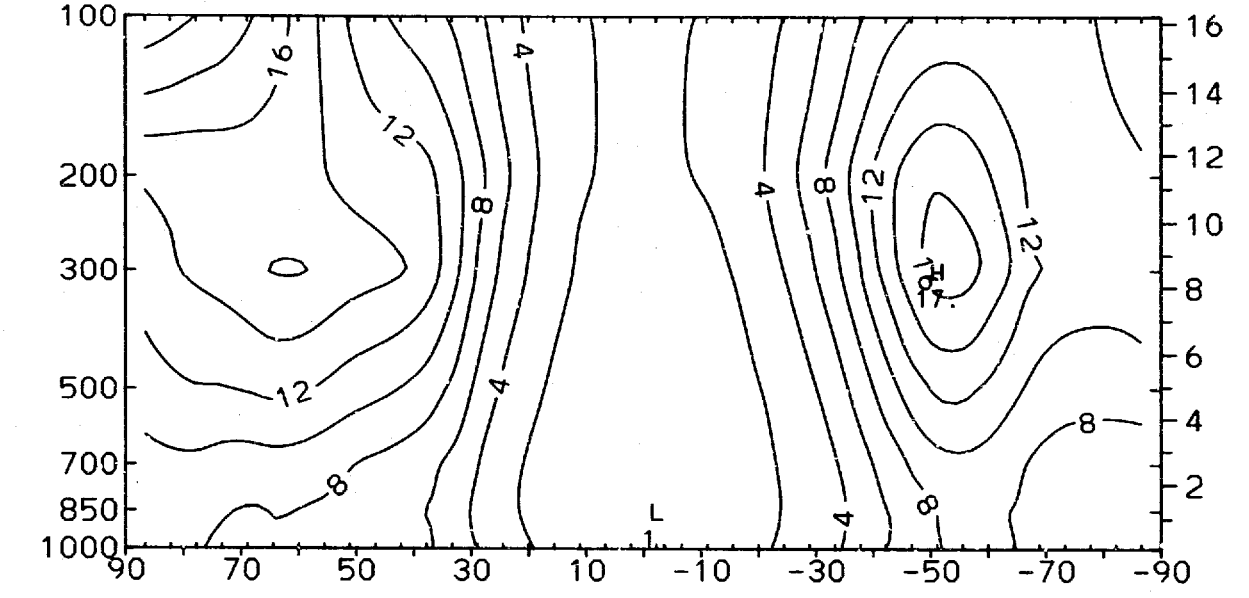
EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.88

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

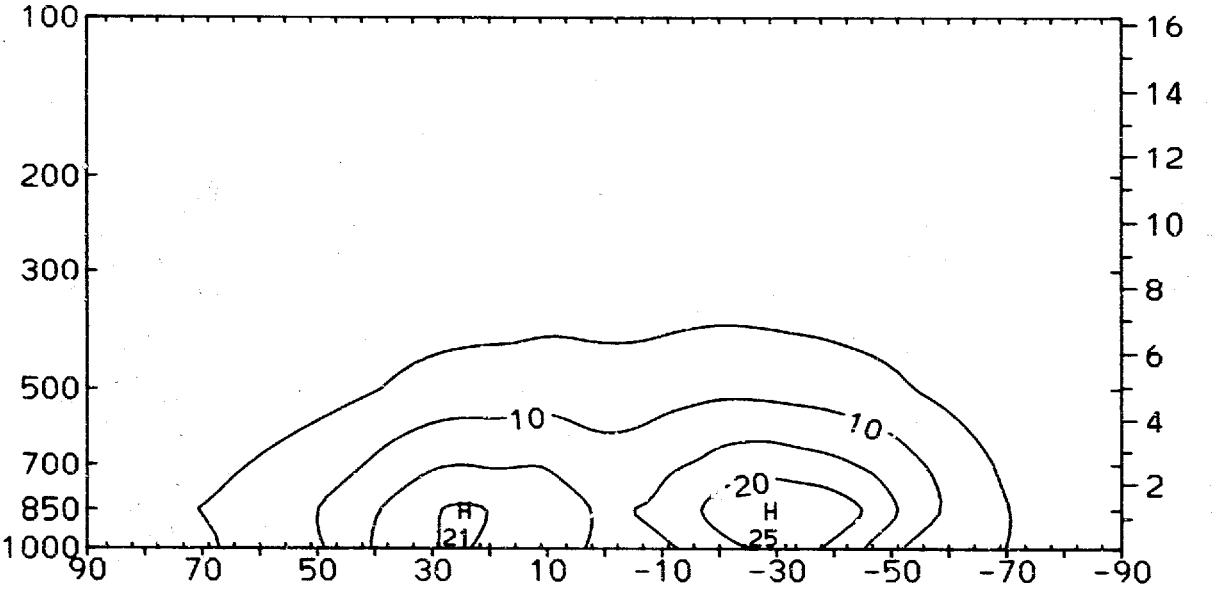



CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 70.988 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

SDQ (g kg$^{-1}$ X 10)

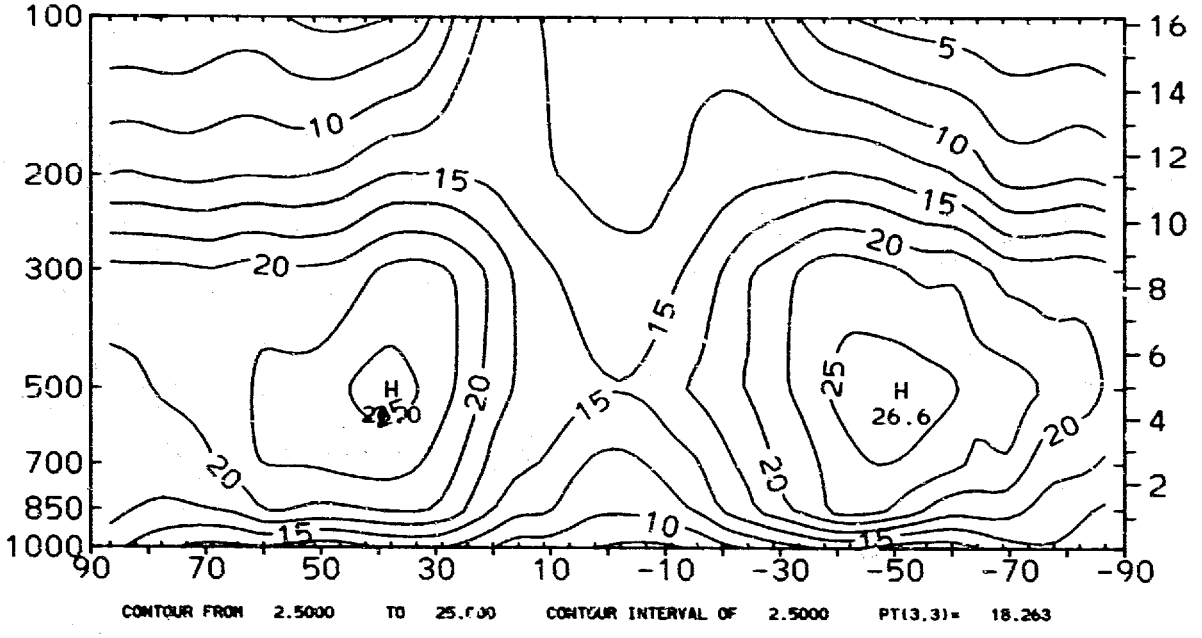



CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.28837E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

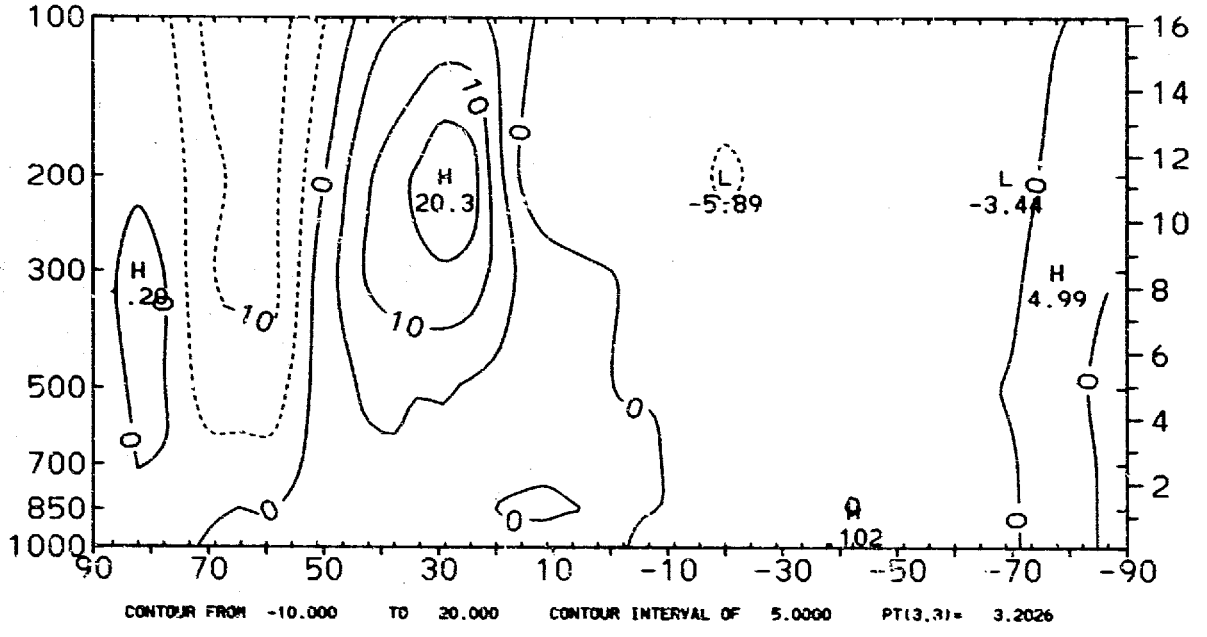
SDRH (%)




FRAME 2.91

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

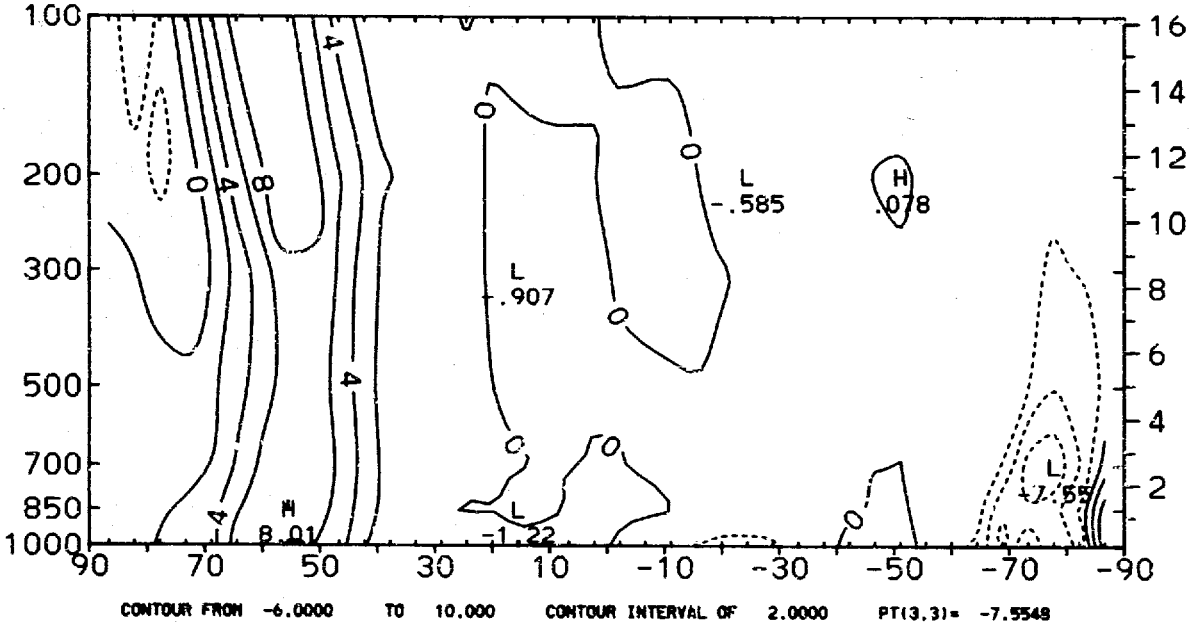
UVS ($m^2 s^{-2}$)




FRAME 2.92

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

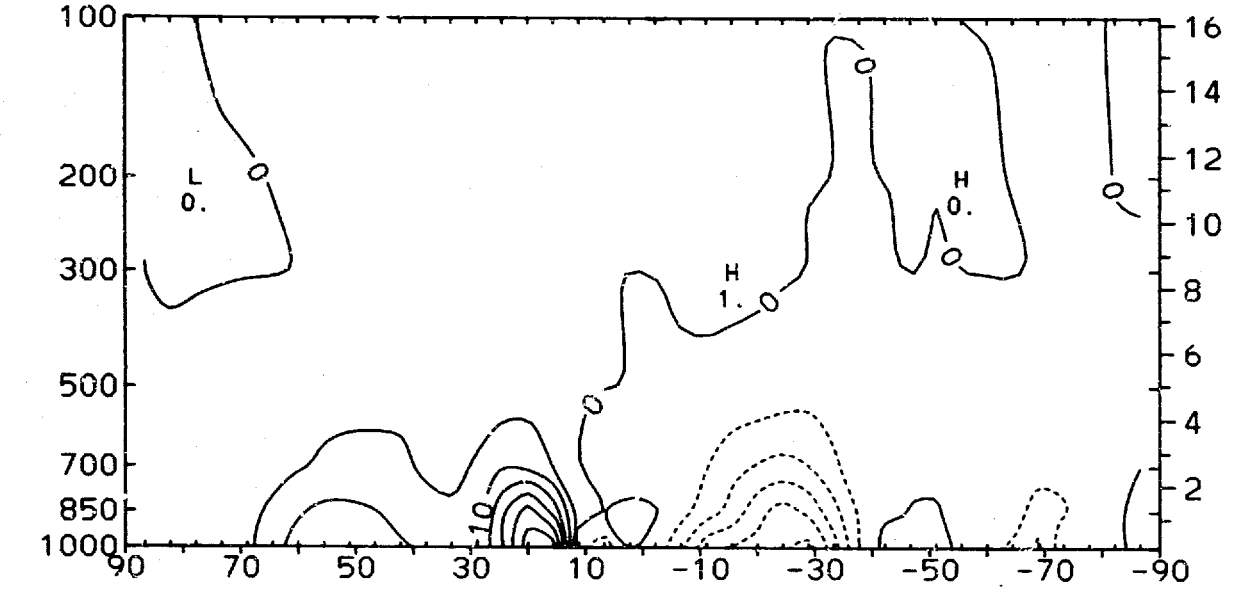
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 MARCH (ENSEMBLE AVERAGE 1979–1986)

VQS $((g\,kg^{-1})m\,s^{-1}$ X 10)

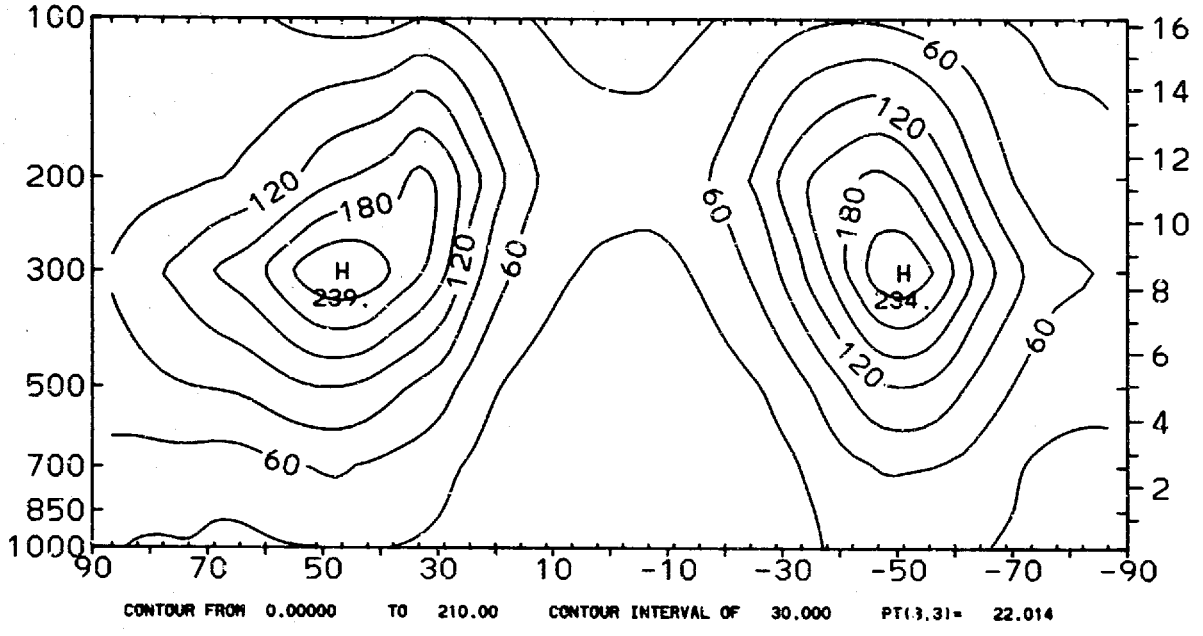



CONTOUR FROM -0.25000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.36753E-03 LABELS SCALED BY 10000.

FRAME 2.96

EC R15 MARCH (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




CONTOUR FROM 0.00000 TO 210.00 CONTOUR INTERVAL OF 30.000 PT(3,3)= 22.014

FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.P | A | 455.0 TO 3012.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 455.0 TO 3012.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 455.0 TO 3012.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 455.0 TO 3012.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 455.0 TO 3012.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 455.0 TO 3012.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 455.0 TO 3012.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 455.0 TO 3012.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 455.0 TO 3012.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 455.0 TO 3012.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 455.0 TO 3012.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 455.0 TO 3012.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 455.0 TO 3012.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 455.0 TO 3012.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 455.0 TO 3012.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 455.0 TO 3012.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 455.0 TO 3012.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 455.0 TO 3012.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 455.0 TO 3012.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 455.0 TO 3012.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 455.0 TO 3012.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 455.0 TO 3012.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 455.0 TO 3012.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 455.0 TO 3012.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 455.0 TO 3012.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 455.0 TO 3012.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 455.0 TO 3012.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 455.0 TO 3012.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 455.0 TO 3012.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 850.0P | A | 455.0 TO 3012.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 455.0 TO 3012.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 455.0 TO 3012.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 455.0 TO 3012.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 455.0 TO 3012.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 455.0 TO 3012.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 455.0 TO 3012.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 455.0 TO 3012.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 455.0 TO 3012.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 455.0 TO 3012.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 455.0 TO 3012.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 455.0 TO 3012.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 455.0 TO 3012.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 455.0 TO 3012.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 455.0 TO 3012.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 455.0 TO 3012.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 455.0 TO 3012.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 455.0 TO 3012.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 455.0 TO 3012.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 455.0 TO 3012.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 455.0 TO 3012.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 455.0 TO 3012.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 455.0 TO 3012.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 455.0 TO 3012.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 455.0 TO 3012.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 455.0 TO 3012.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 455.0 TO 3012.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 455.0 TO 3012.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 455.0 TO 3012.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 455.0 TO 3012.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 455.0 TO 3012.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 455.0 TO 3012.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 455.0 TO 3012.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 455.0 TO 3012.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 455.0 TO 3012.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 455.0 TO 3012.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 455.0 TO 3012.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 455.0 TO 3012.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 455.0 TO 3012.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 455.0 TO 3012.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 455.0 TO 3012.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 455.0 TO 3012.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 455.0 TO 3012.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 455.0 TO 3012.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 455.0 TO 3012.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 455.0 TO 3012.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 455.0 TO 3012.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 455.0 TO 3012.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 455.0 TO 3012.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 455.0 TO 3012.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 455.0 TO 3012.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 455.0 TO 3012.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 455.0 TO 3012.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 455.0 TO 3012.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 455.0 TO 3012.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 455.0 TO 3012.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 455.0 TO 3012.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 455.0 TO 3012.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 455.0 TO 3012.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 455.0 TO 3012.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 455.0 TO 3012.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 455.0 TO 3012.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 455.0 TO 3012.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 455.0 TO 3012.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 455.0 TO 3012.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 455.0 TO 3012.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 455.0 TO 3012.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 455.0 TO 3012.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 455.0 TO 3012.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 455.0 TO 3012.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 455.0 TO 3012.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 455.0 TO 3012.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 455.0 TO 3012.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 455.0 TO 3012.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 455.0 TO 3012.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 455.0 TO 3012.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 455.0 TO 3012.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 455.0 TO 3012.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 455.0 TO 3012.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 455.0 TO 3012.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 455.0 TO 3012.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 455.0 TO 3012.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 455.0 TO 3012.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 455.0 TO 3012.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 455.0 TO 3012.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 455.0 TO 3012.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 455.0 TO 3012.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 455.0 TO 3012.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 455.0 TO 3012.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 455.0 TO 3012.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 455.0 TO 3012.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 455.0 TO 3012.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 455.0 TO 3012.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 455.0 TO 3012.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 455.0 TO 3012.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 455.0 TO 3012.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 455.0 TO 3012.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 455.0 TO 3012.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 455.0 TO 3012.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 455.0 TO 3012.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 455.0 TO 3012.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 455.0 TO 3012.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 455.0 TO 3012.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 455.0 TO 3012.0 |

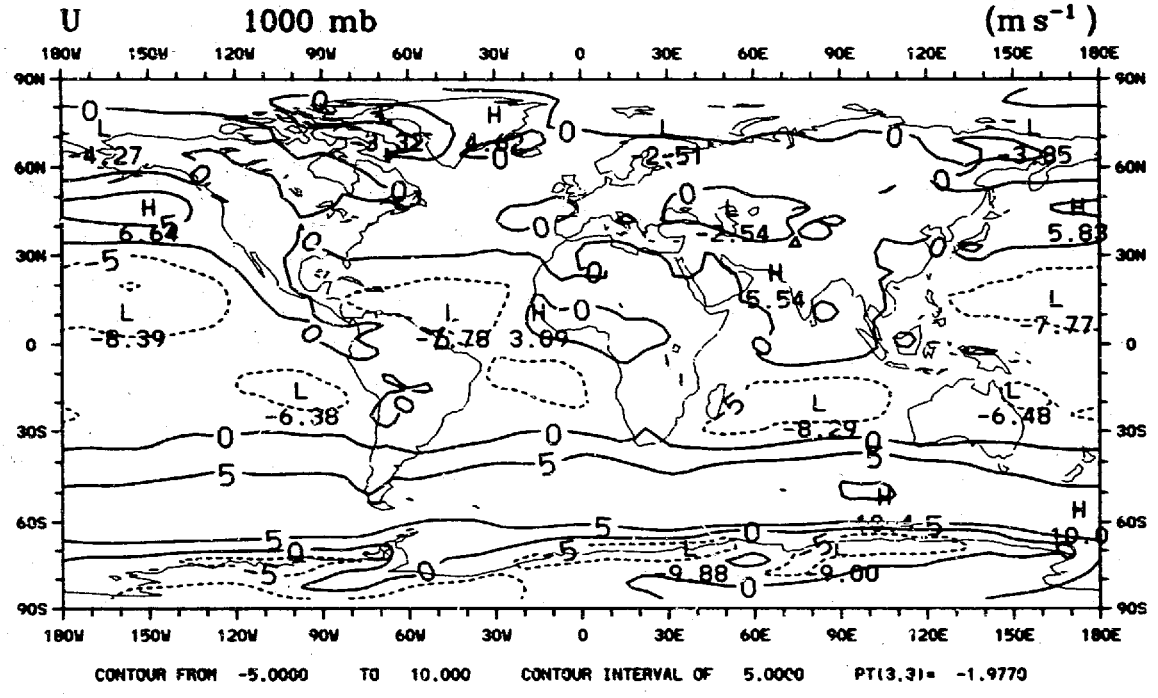
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 455.0 TO 3012.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 455.0 TO 3012.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 455.0 TO 3012.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 455.0 TO 3012.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 455.0 TO 3012.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 455.0 TO 3012.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 455.0 TO 3012.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 455.0 TO 3012.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 455.0 TO 3012.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 455.0 TO 3012.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 455.0 TO 3012.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 455.0 TO 3012.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 455.0 TO 3012.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 455.0 TO 3012.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 455.0 TO 3012.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 455.0 TO 3012.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 455.0 TO 3012.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 455.0 TO 3012.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 455.0 TO 3012.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 455.0 TO 3012.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 455.0 TO 3012.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 455.0 TO 3012.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 455.0 TO 3012.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 455.0 TO 3012.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 455.0 TO 3012.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 455.0 TO 3012.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 455.0 TO 3012.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 455.0 TO 3012.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 455.0 TO 3012.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 455.0 TO 3012.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 455.0 TO 3012.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 455.0 TO 3012.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 455.0 TO 3012.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 455.0 TO 3012.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 455.0 TO 3012.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 455.0 TO 3012.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 455.0 TO 3012.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 455.0 TO 3012.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 455.0 TO 3012.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 455.0 TO 3012.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 455.0 TO 3012.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 455.0 TO 3012.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 455.0 TO 3012.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 455.0 TO 3012.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 455.0 TO 3012.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 455.0 TO 3012.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 455.0 TO 3012.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 455.0 TO 3012.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 455.0 TO 3012.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 455.0 TO 3012.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

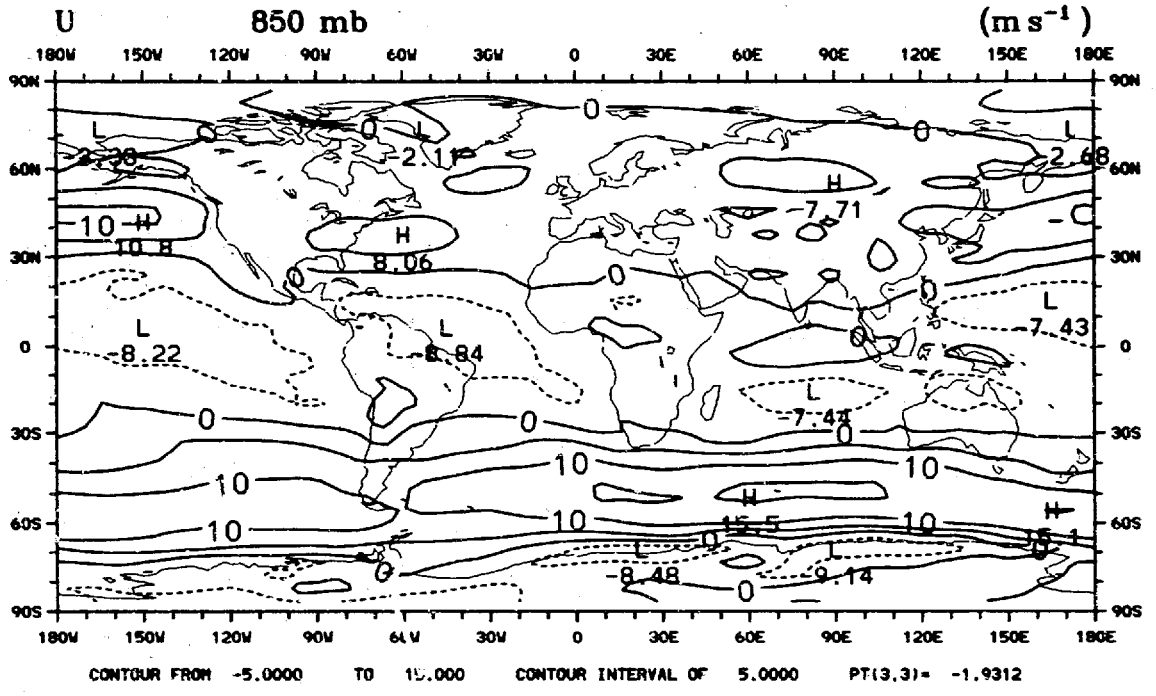
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 455.0 TO 3012.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 455.0 TO 3012.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 455.0 TO 3012.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 455.0 TO 3012.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 455.0 TO 3012.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 455.0 TO 3012.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 455.0 TO 3012.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 455.0 TO 3012.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 455.0 TO 3012.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 455.0 TO 3012.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 455.0 TO 3012.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 455.0 TO 3012.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 455.0 TO 3012.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 455.0 TO 3012.0 |

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



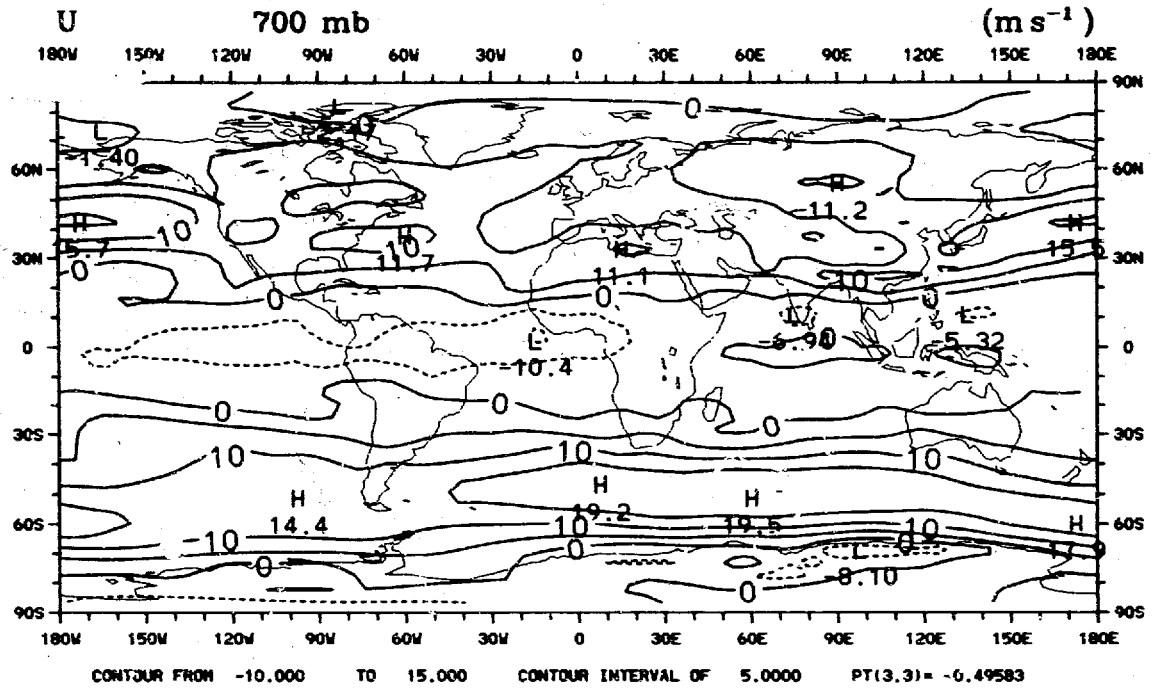

FRAME 1.1

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



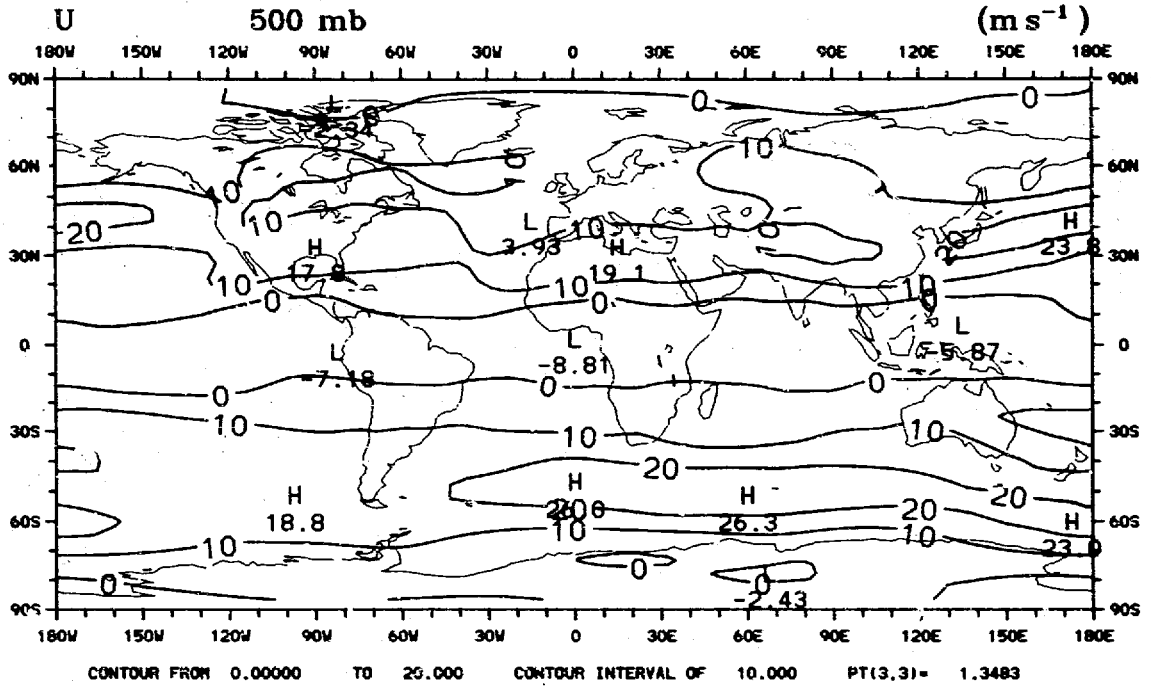

FRAME 1.2

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

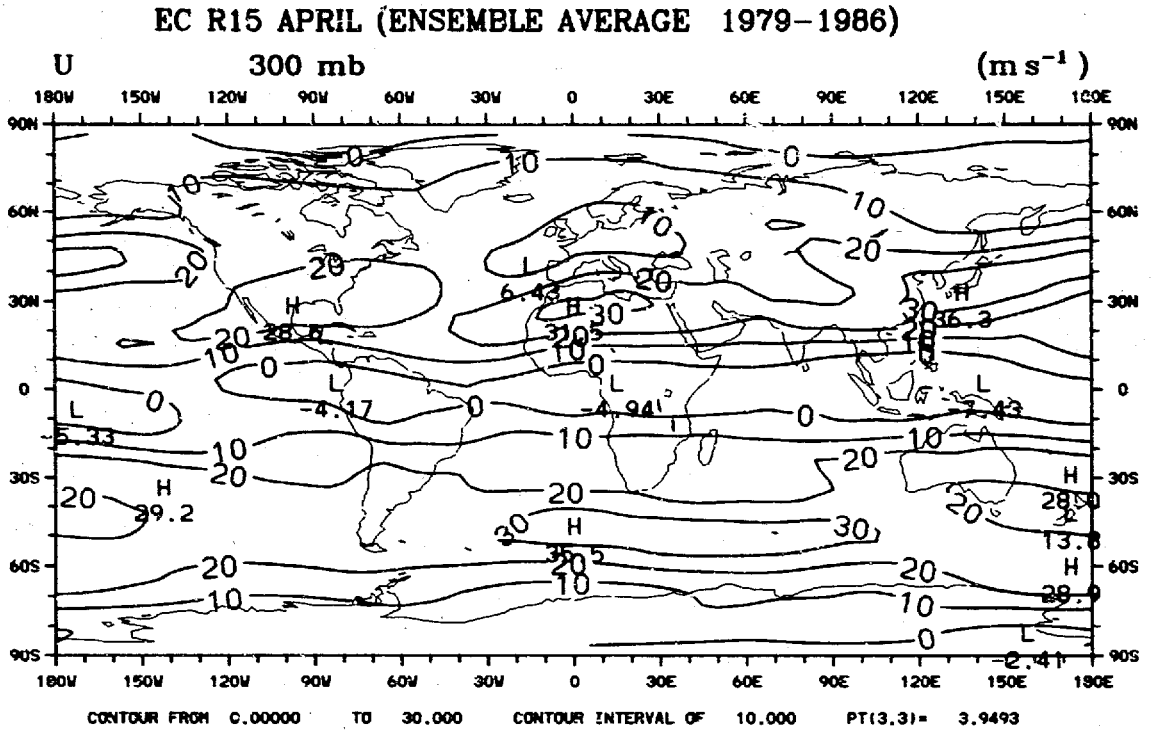



FRAME 1.3

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

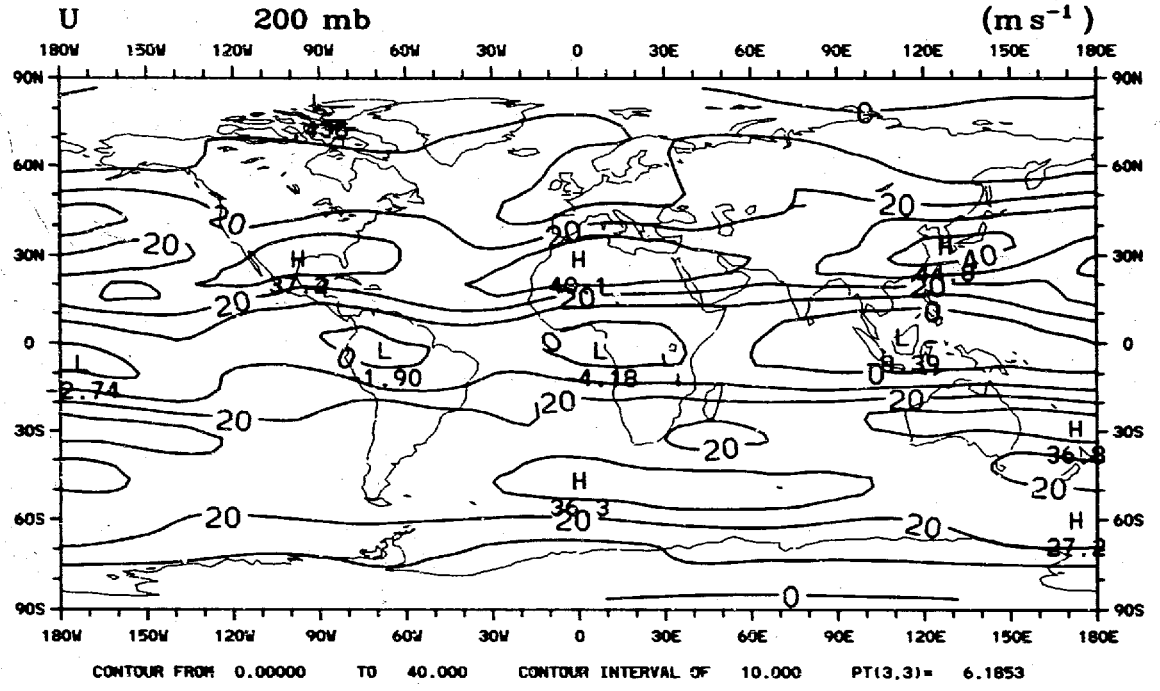



FRAME 1.4


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
U
300 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM 0.00000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 3.9493

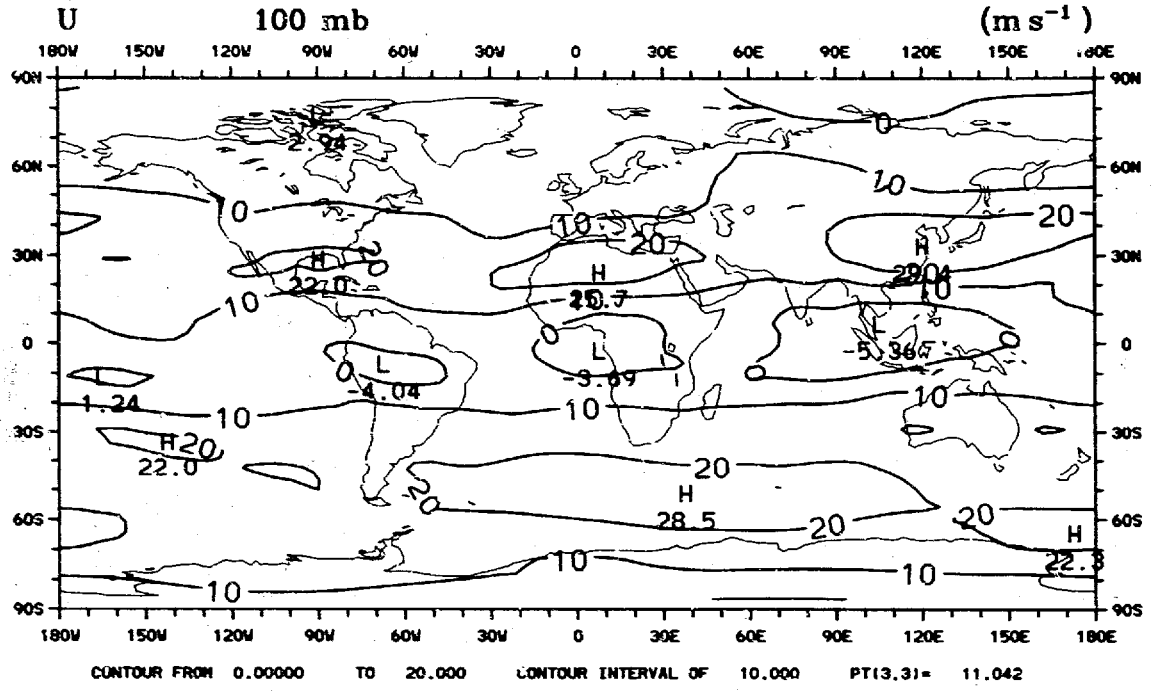
FRAME 1.5

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



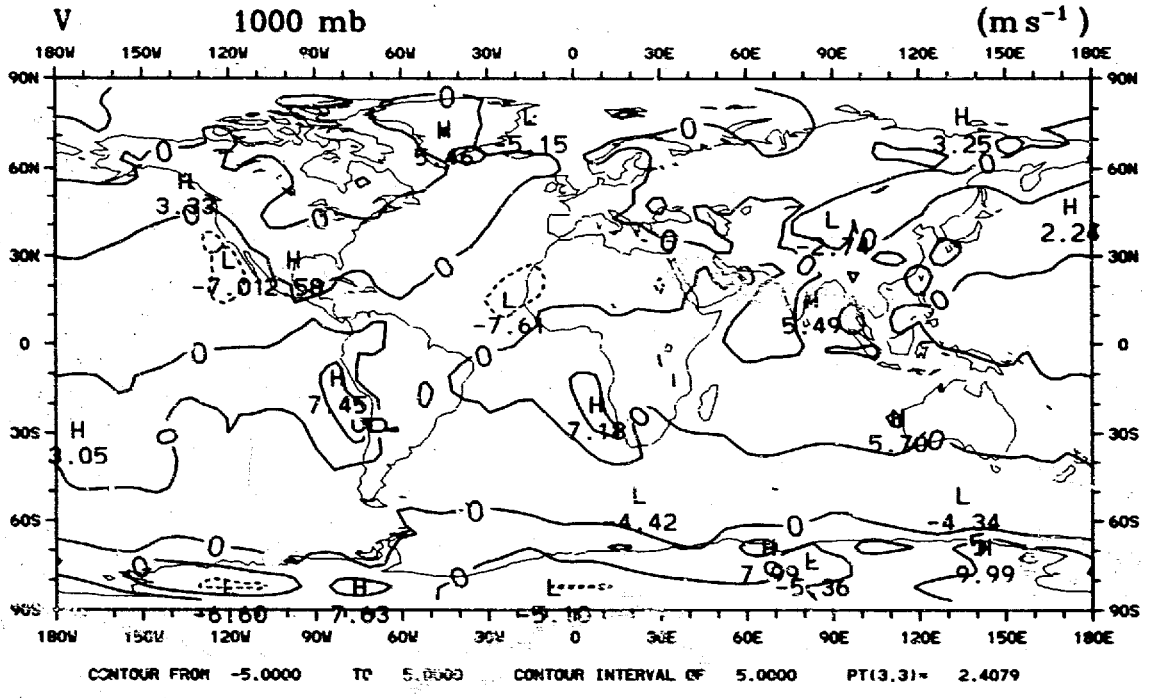

FRAME 1.6

# EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



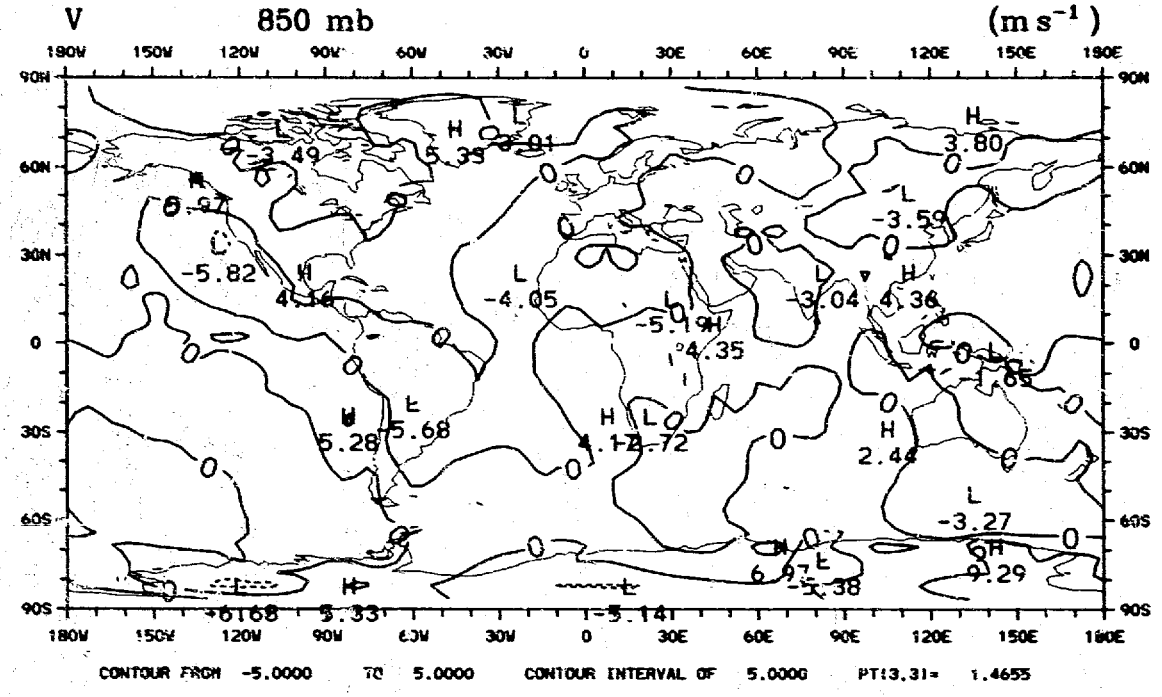

FRAME 1.7

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



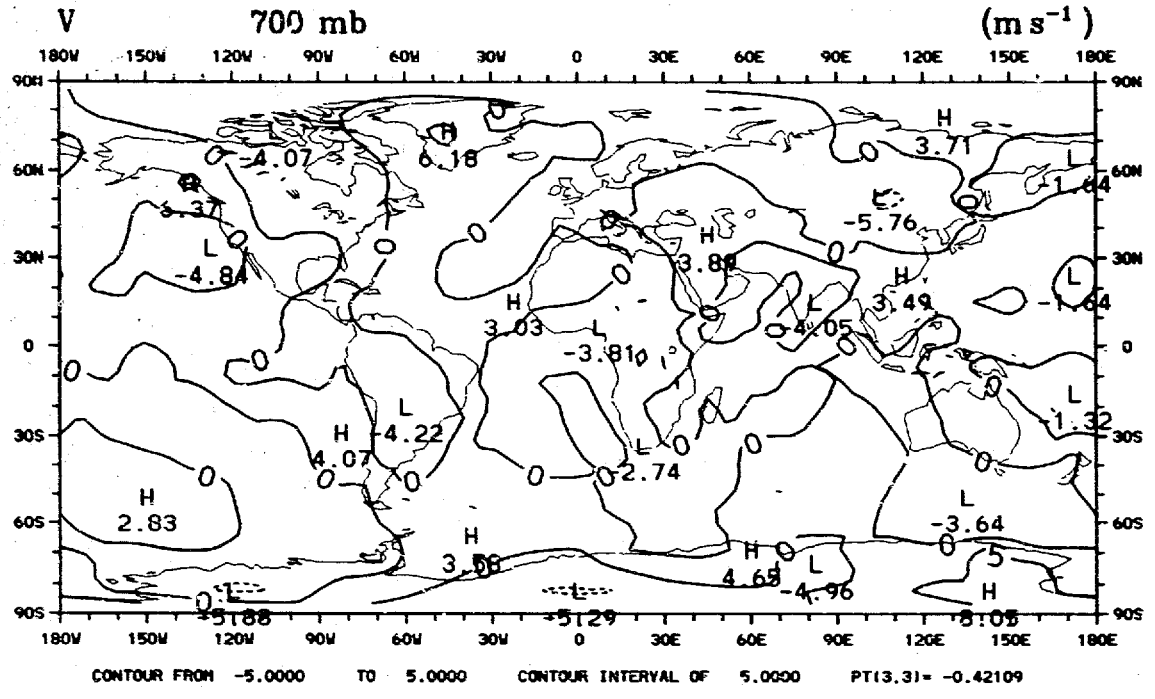

FRAME 1.8

# EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



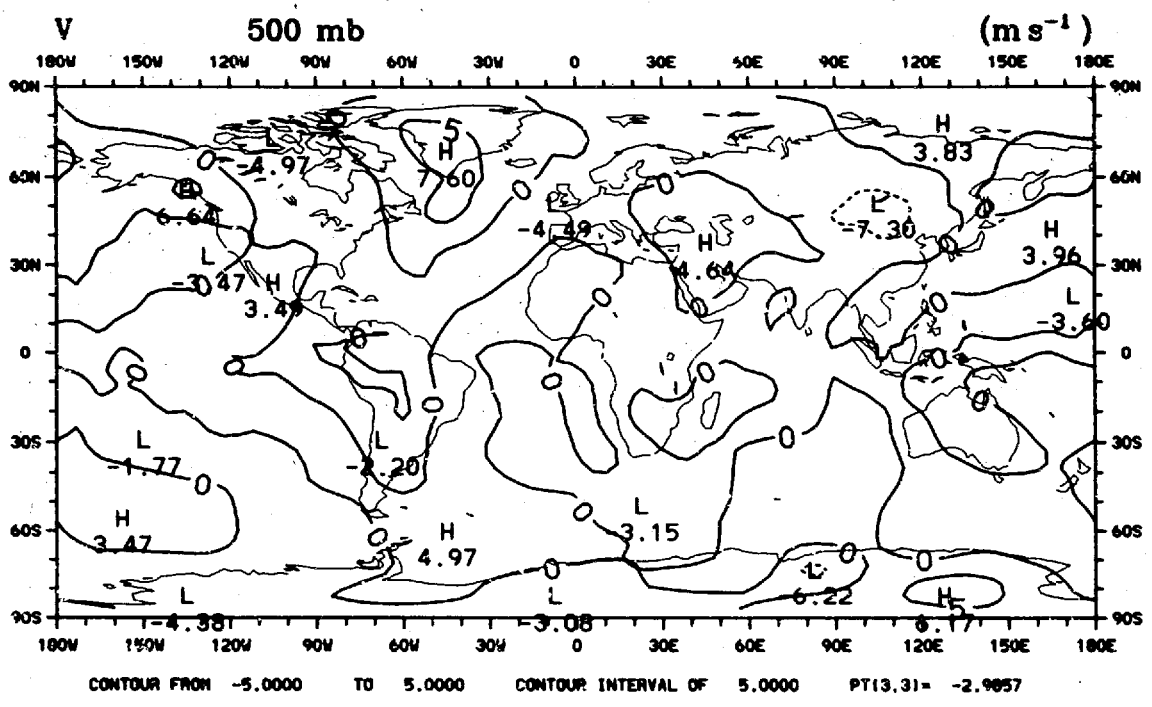

FRAME 1.9

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



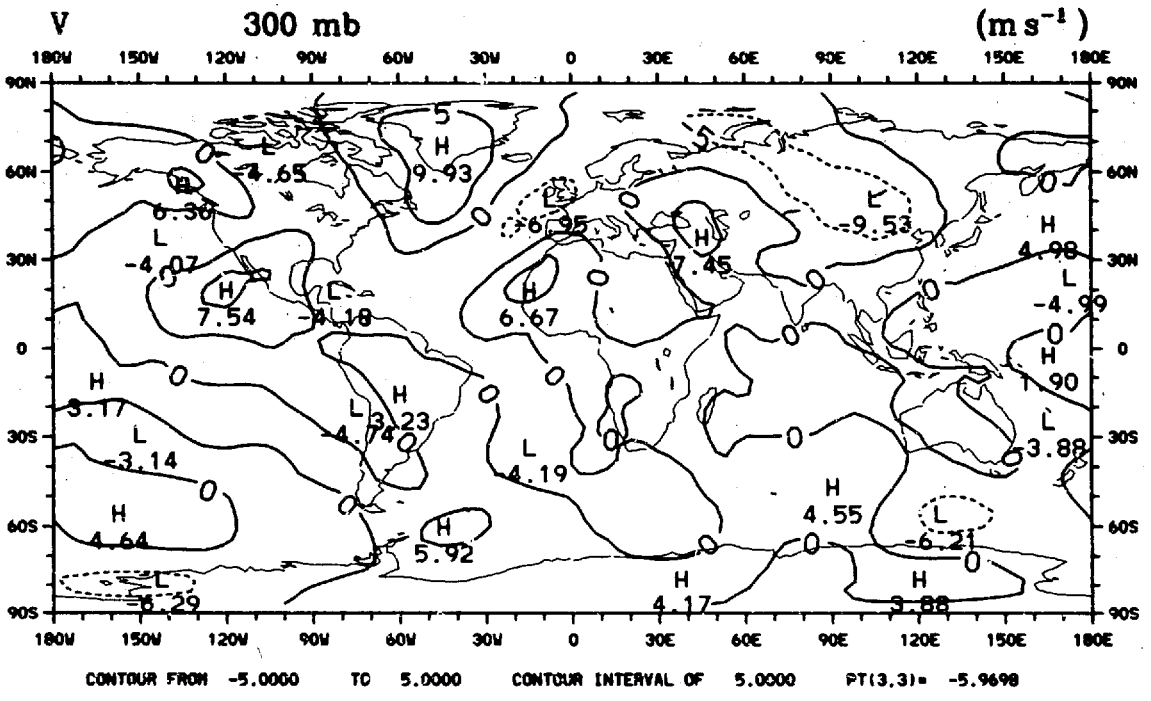

FRAME 1.10

## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



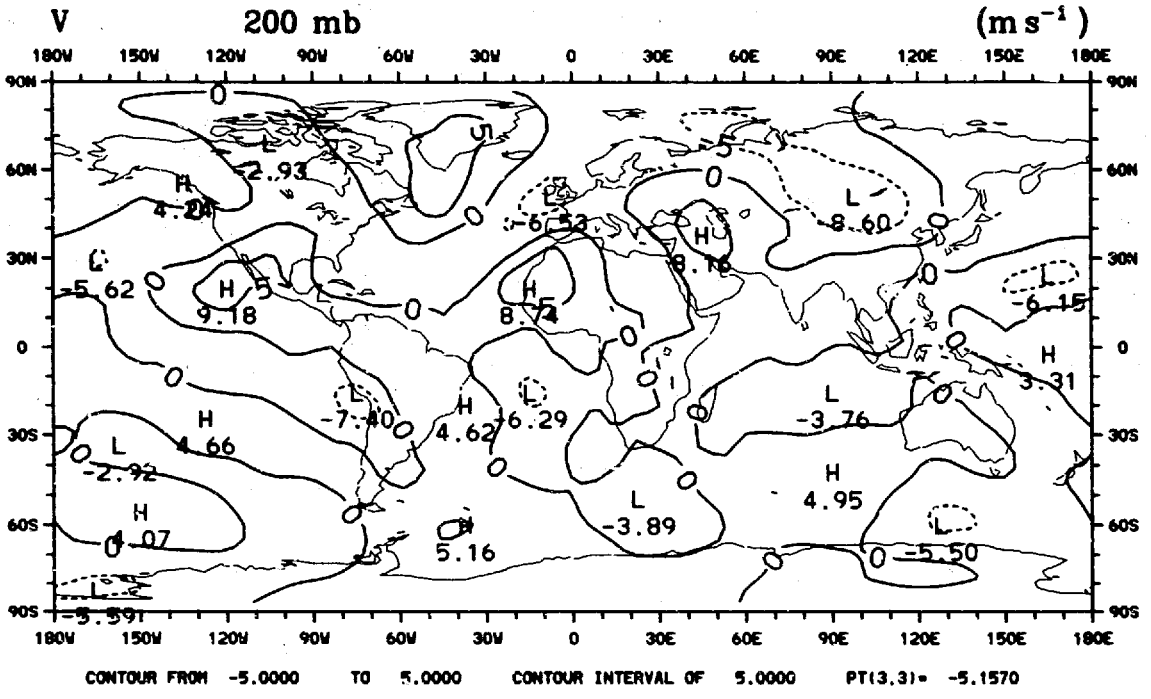

FRAME 1.11

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



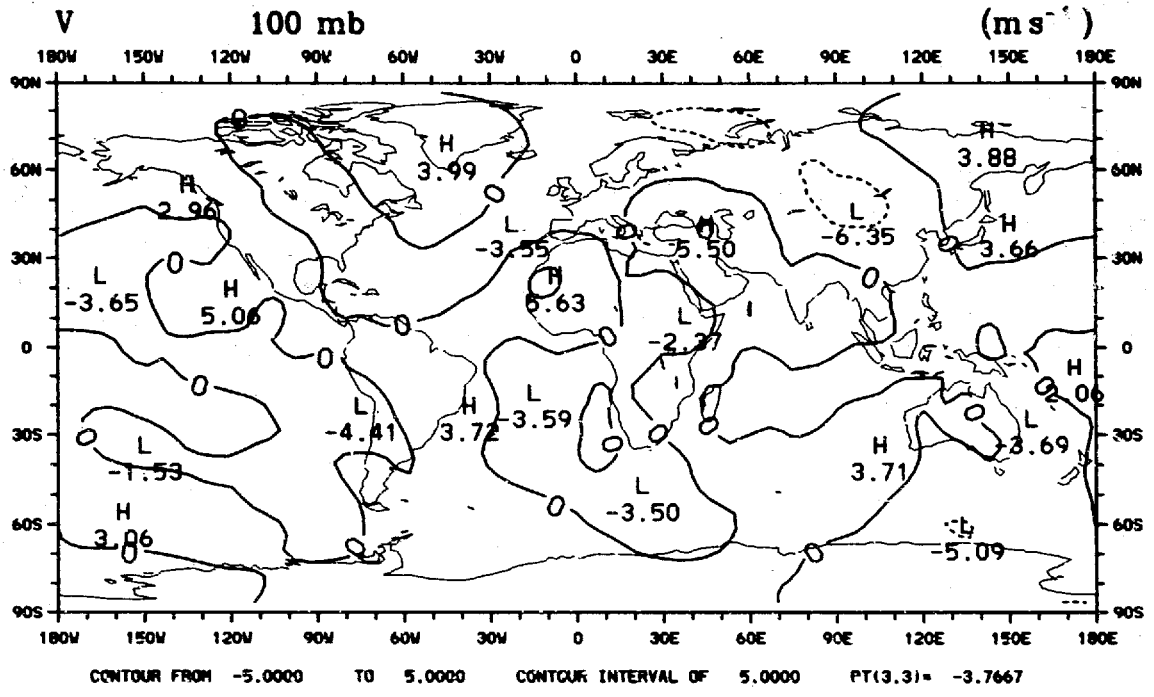

FRAME 1.12

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



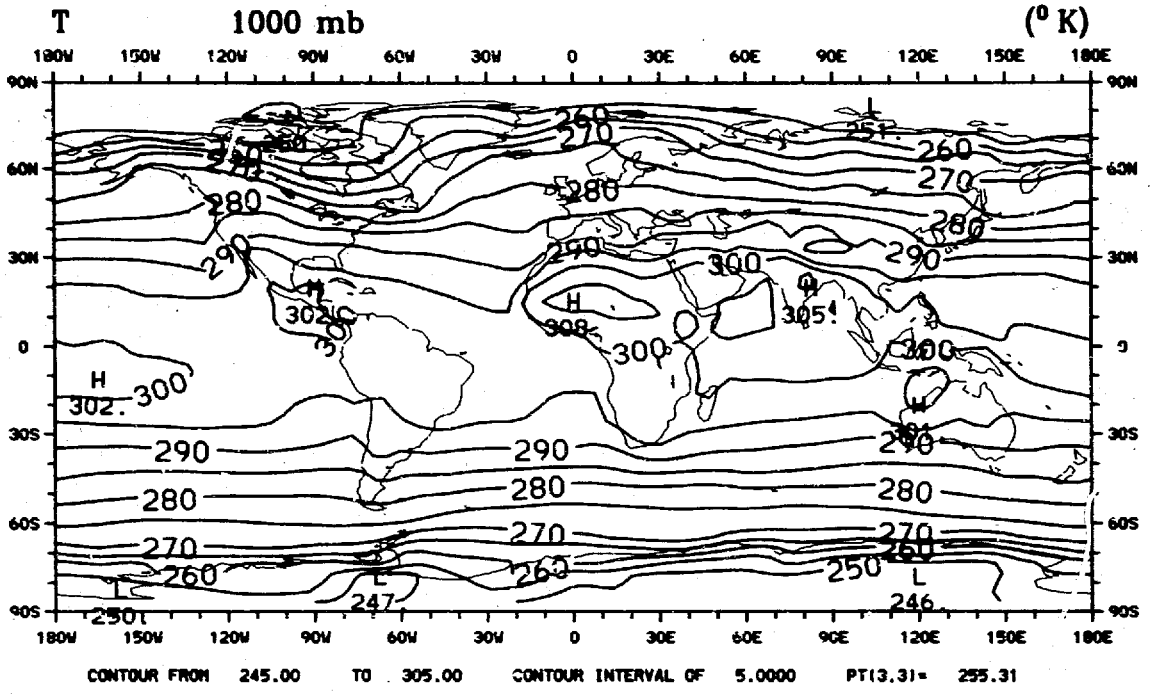

FRAME 1.13

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



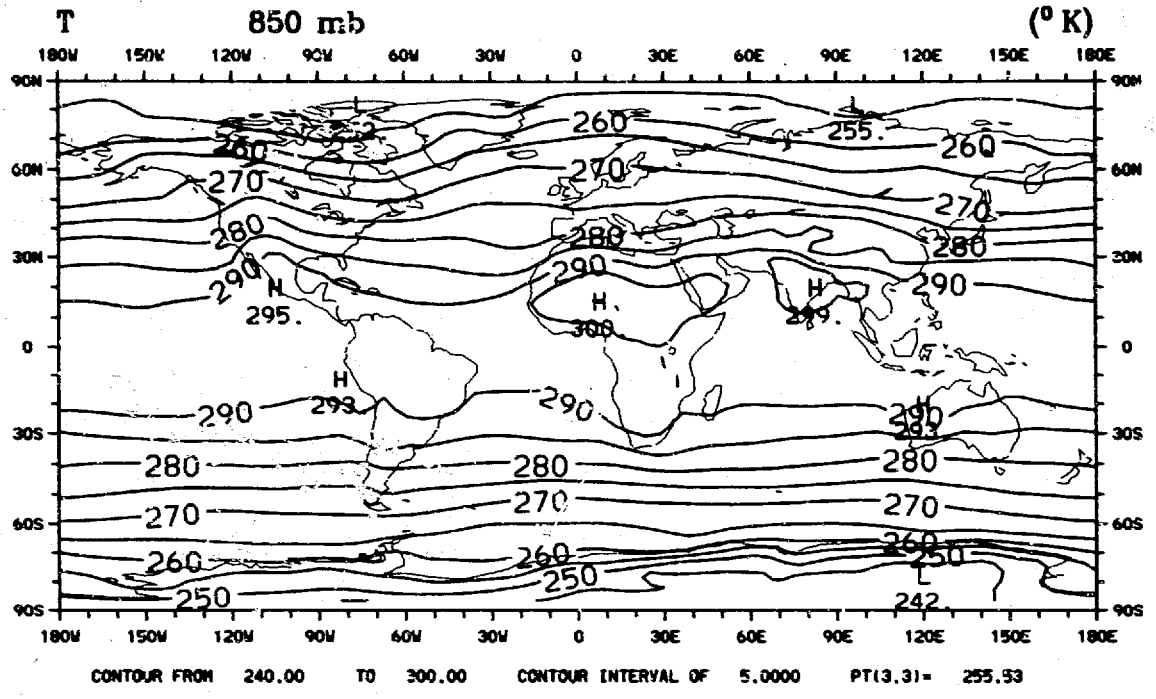

FRAME 1.14

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



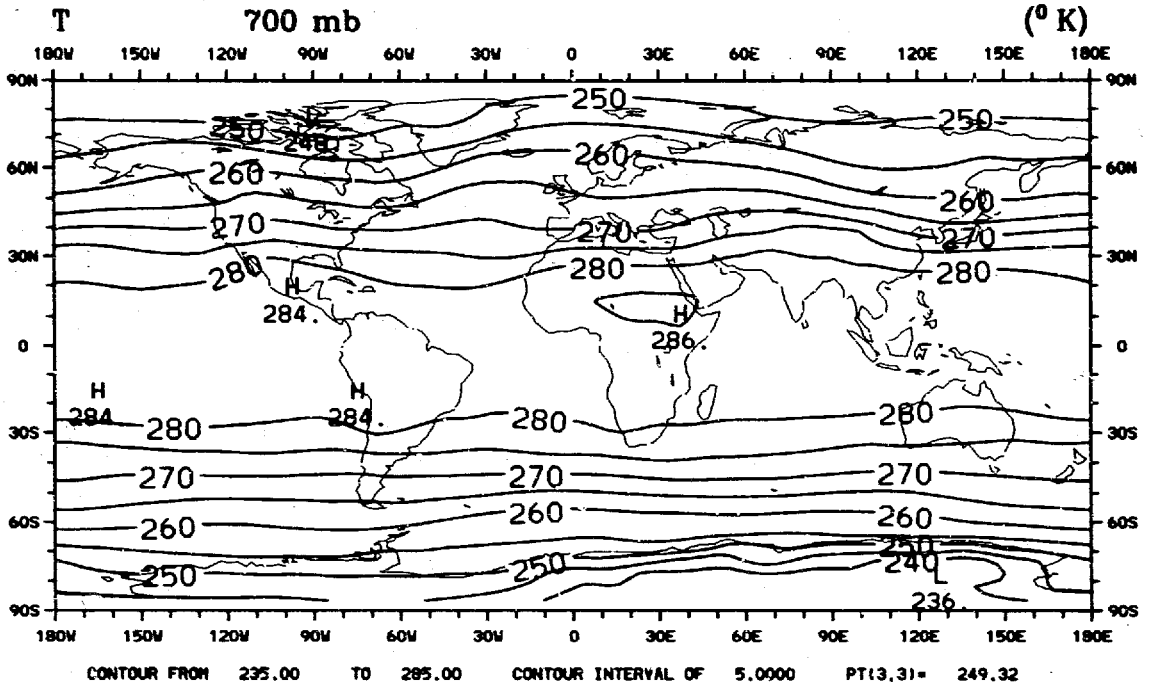

FRAME 1.15

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



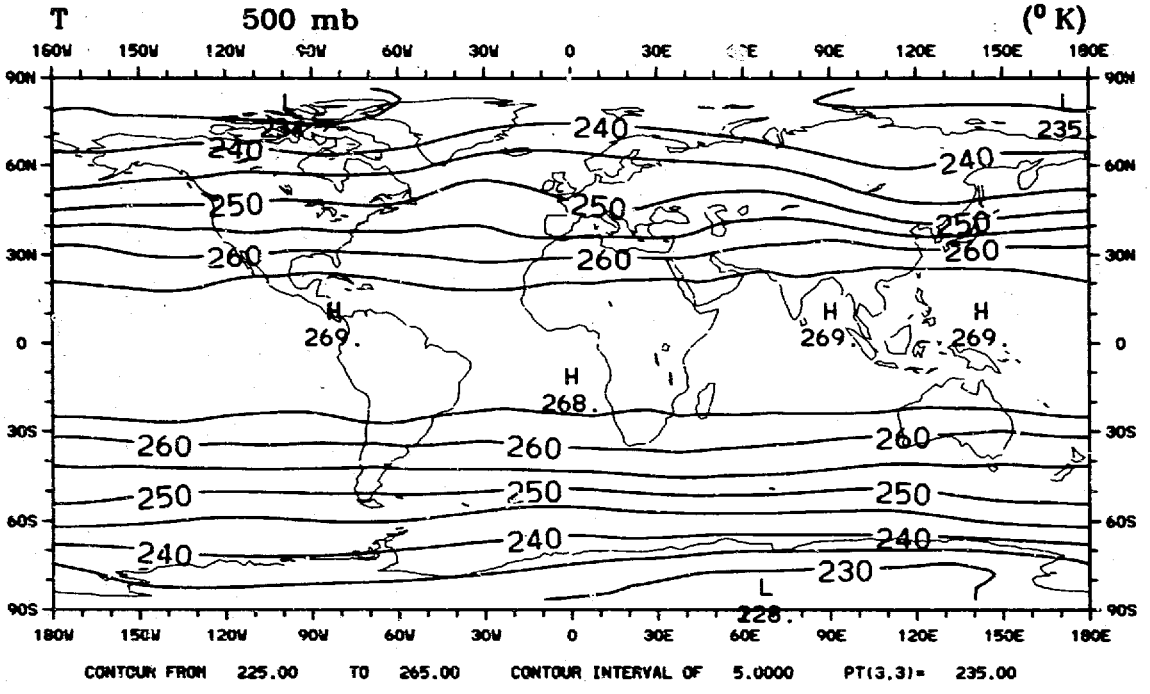

FRAME 1.16

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



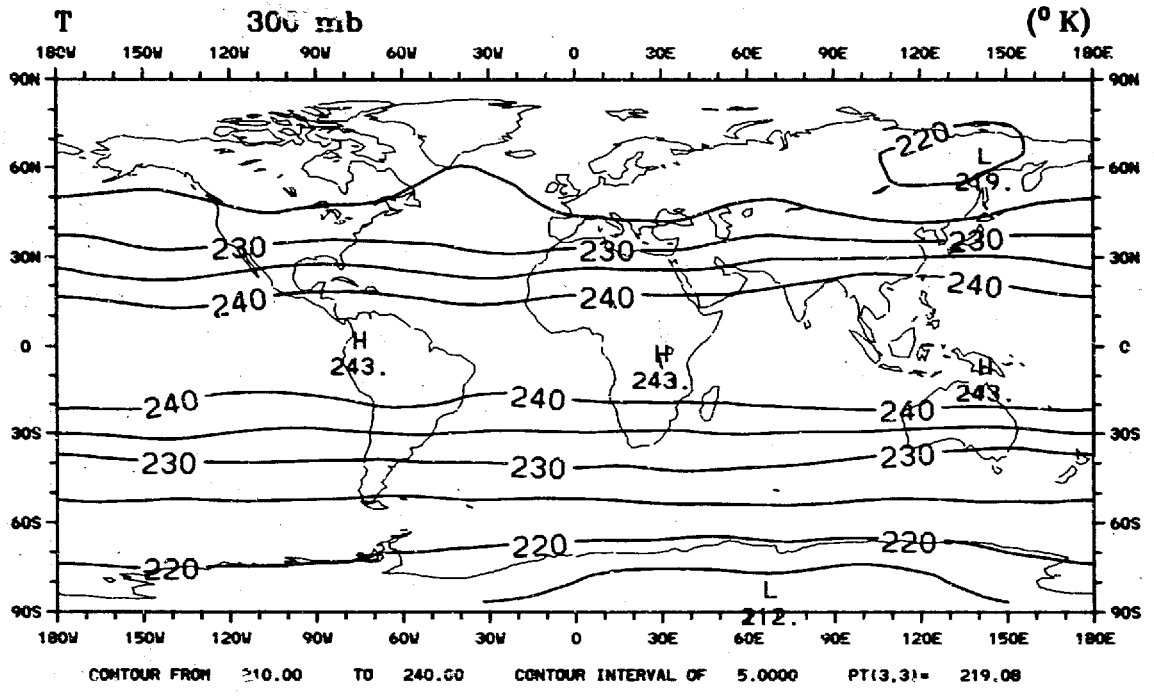

FRAME 1.17

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



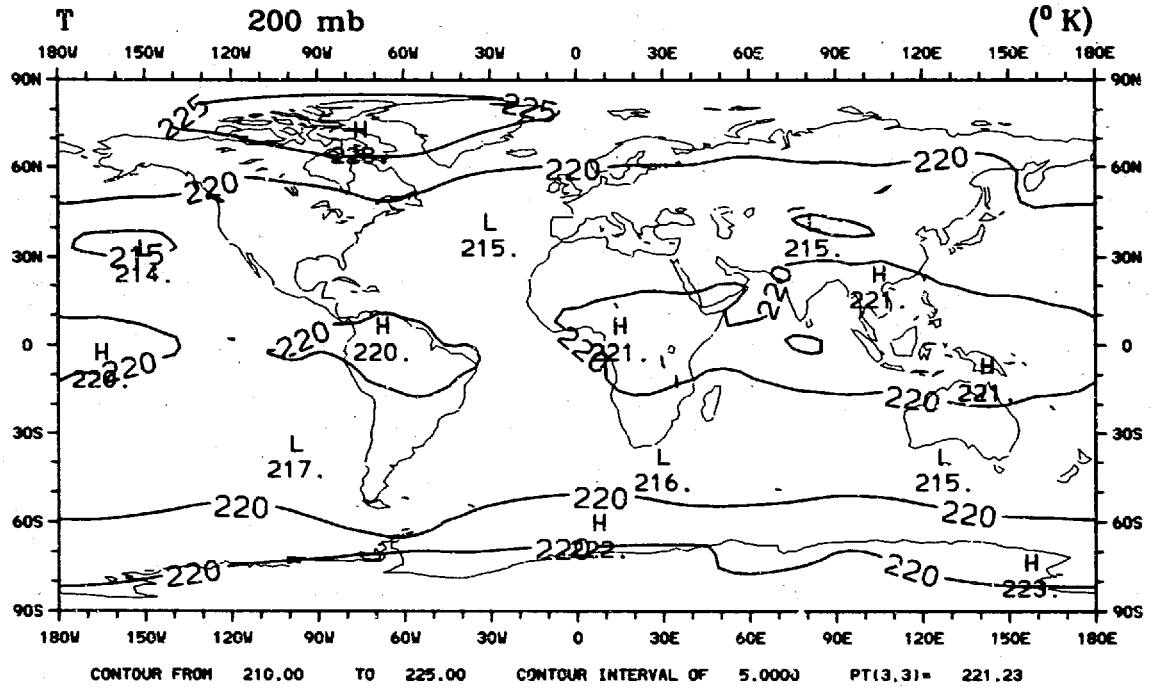

FRAME 1.18

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



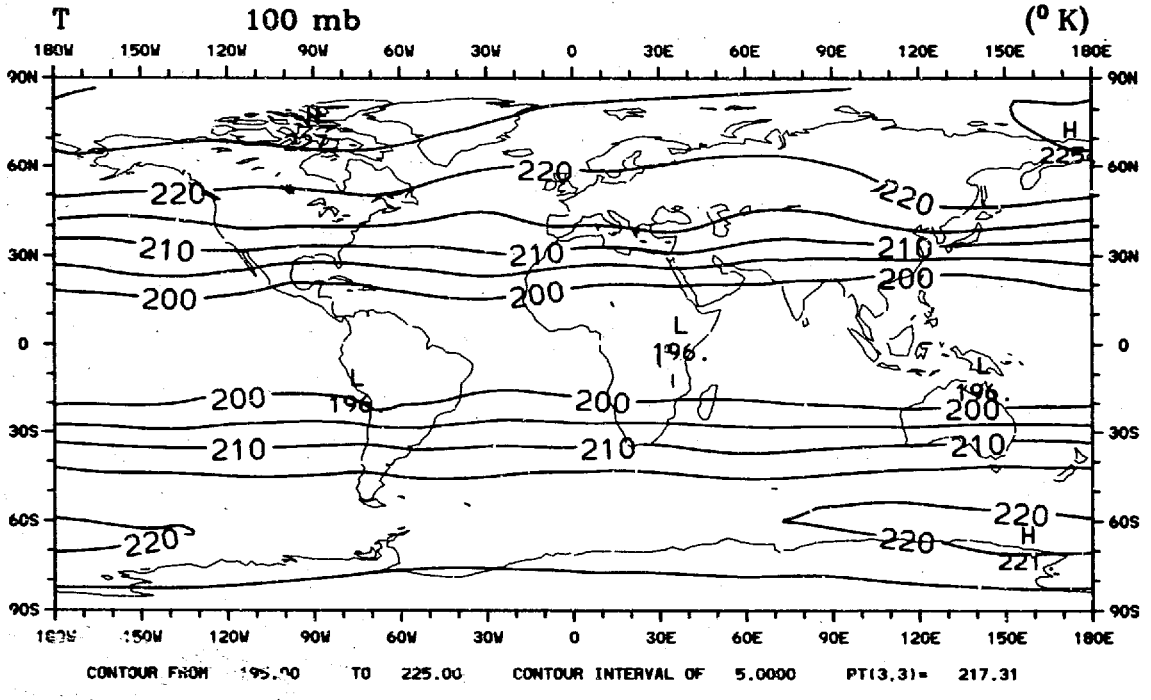

FRAME 1.19

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



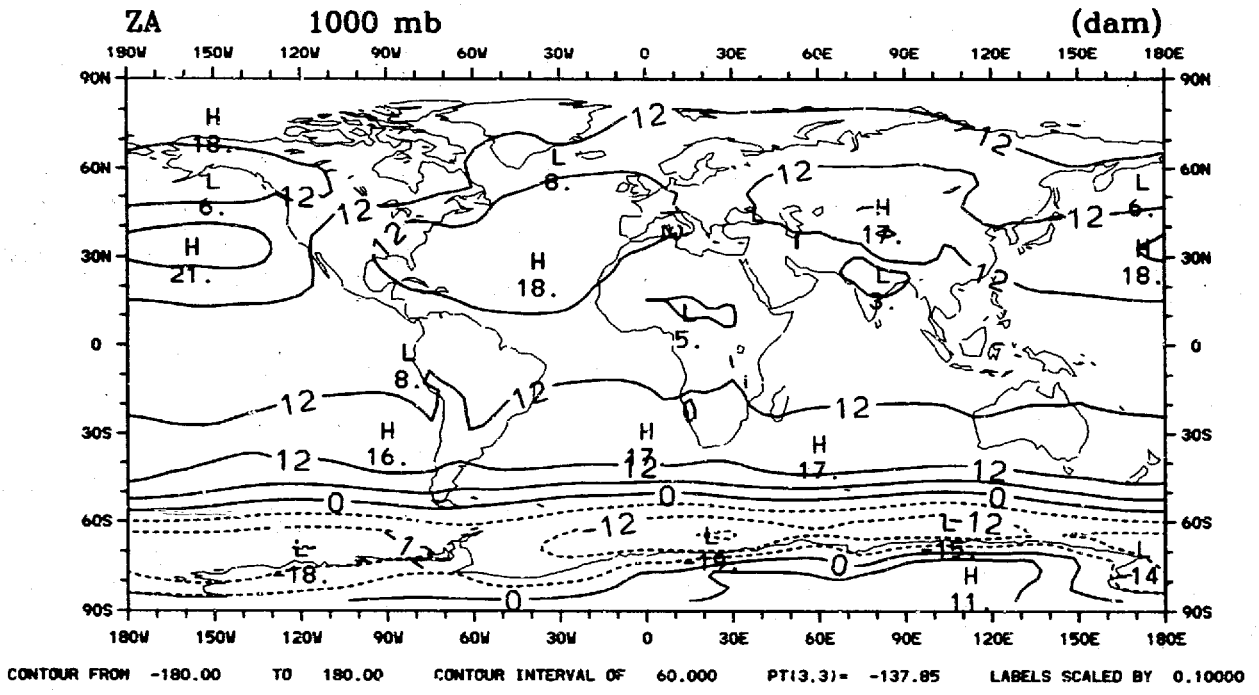

FRAME 1.20

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.21

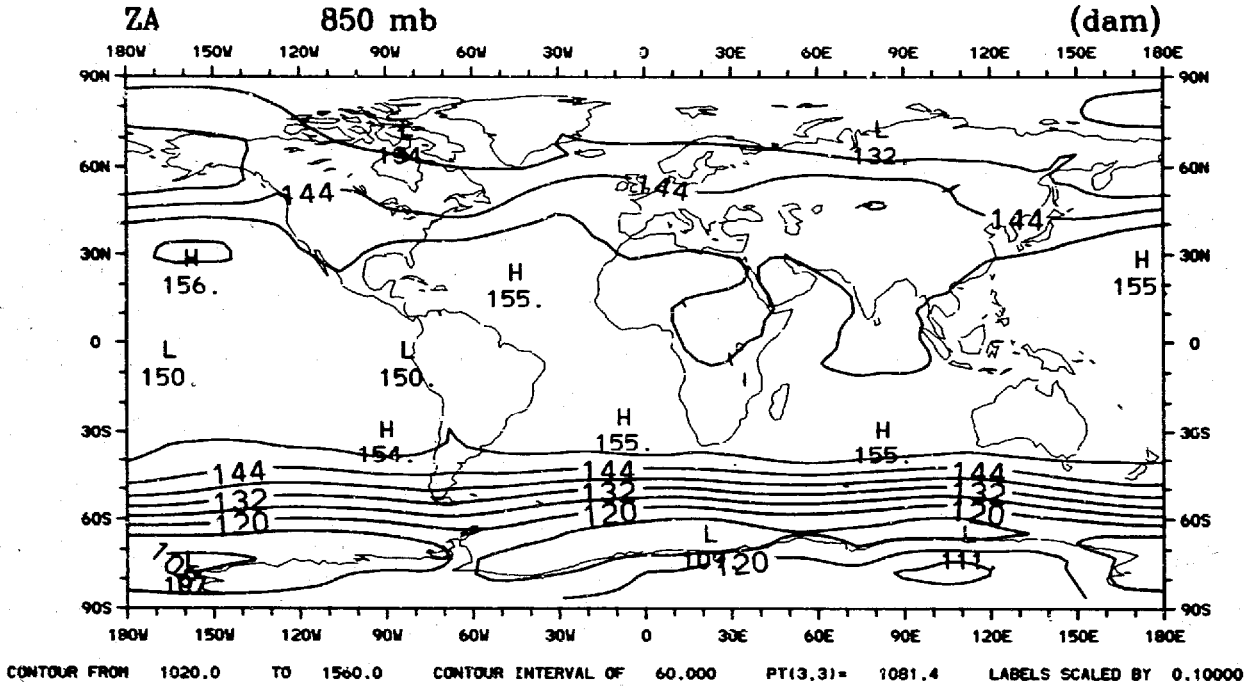
# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -180.00 TO 180.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -137.85 LABELS SCALED BY 0.10000

FRAME 1.22

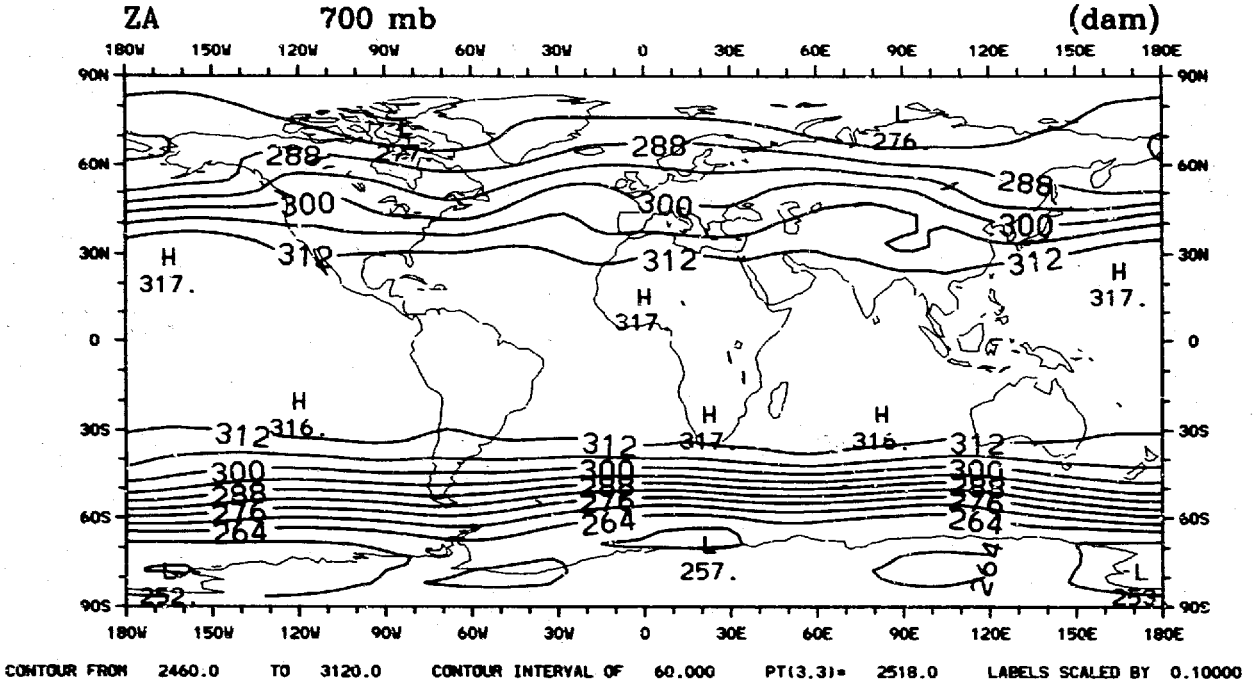
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 1020.0 TO 1560.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 1081.4 LABELS SCALED BY 0.10000

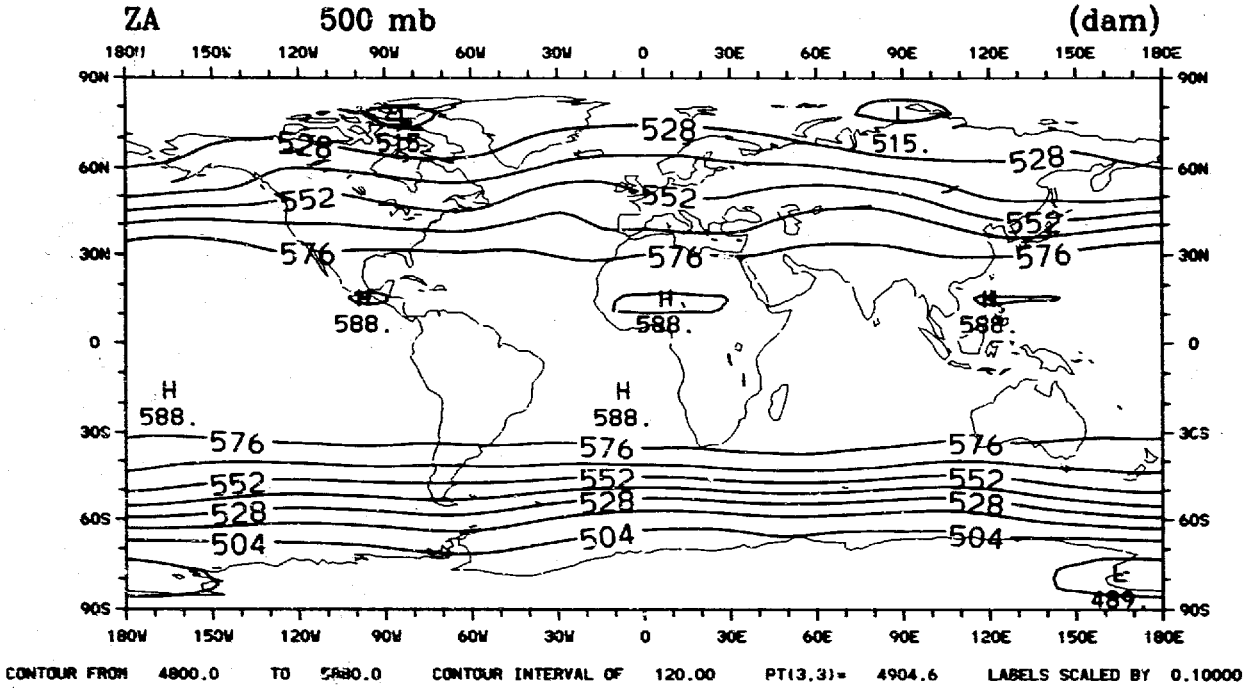
FRAME 1.23

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



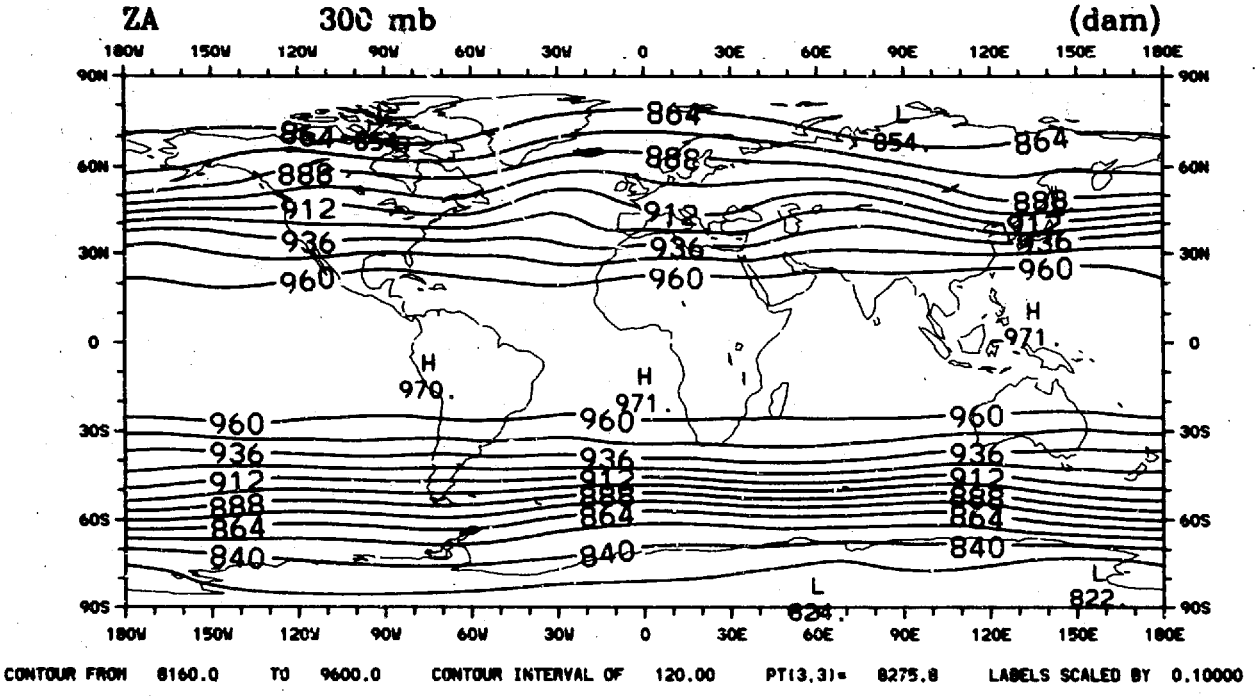

FRAME 1.24

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



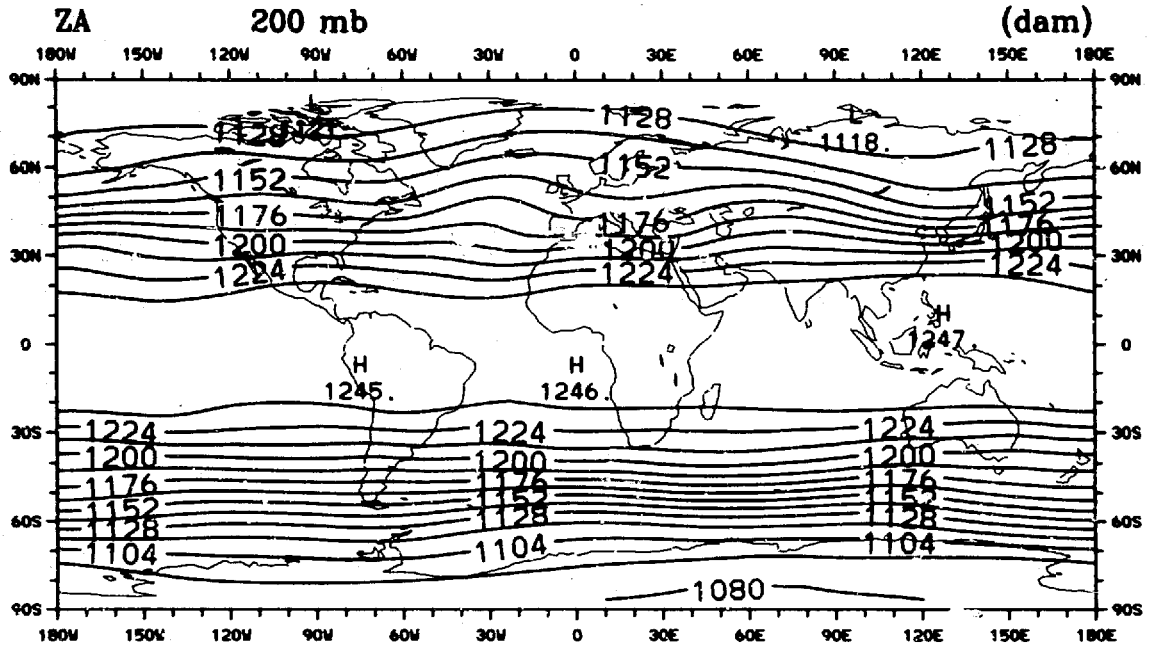

FRAME 1.25

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



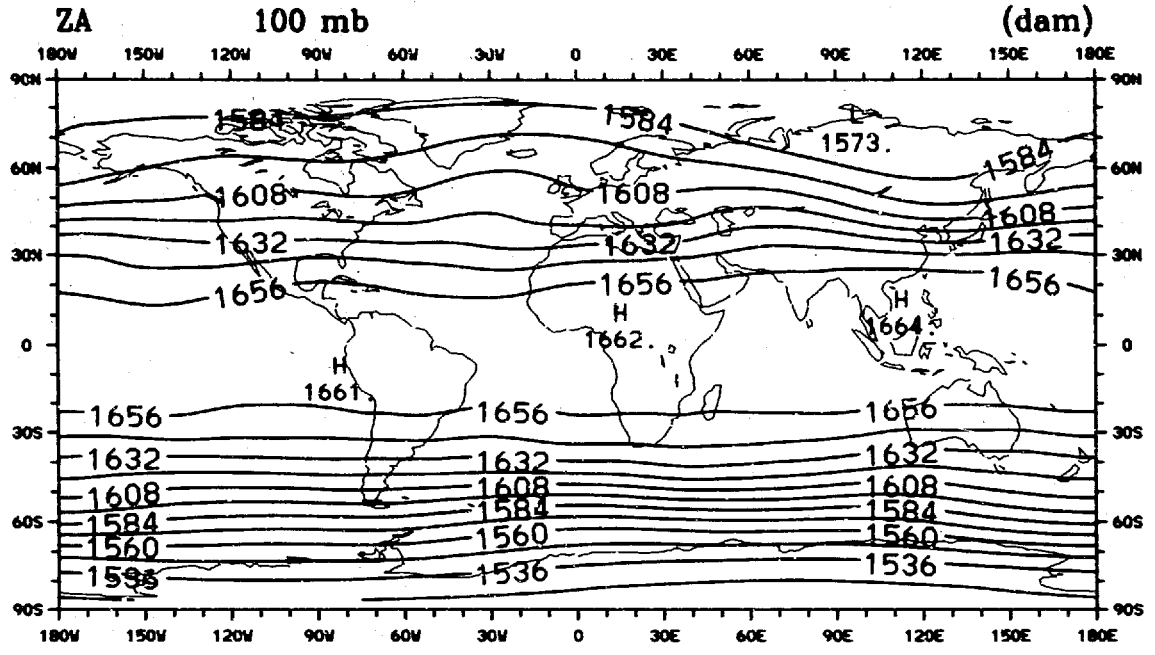

FRAME 1.26

## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



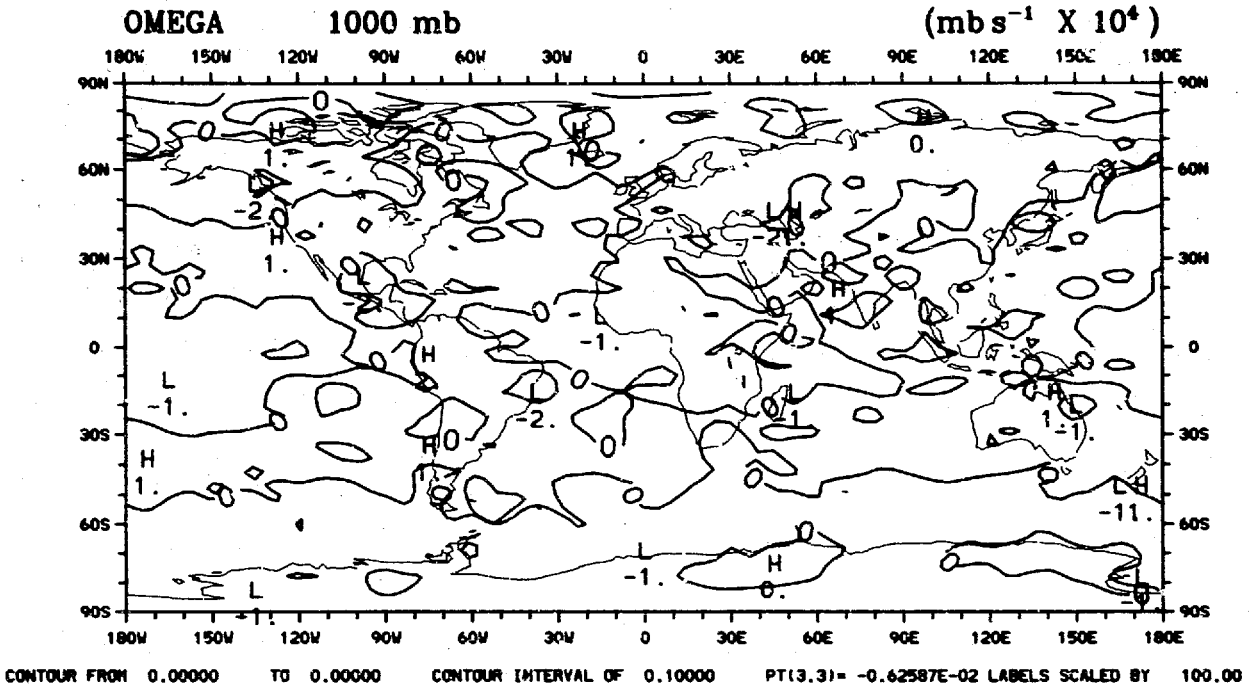

FRAME 1.27

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.28

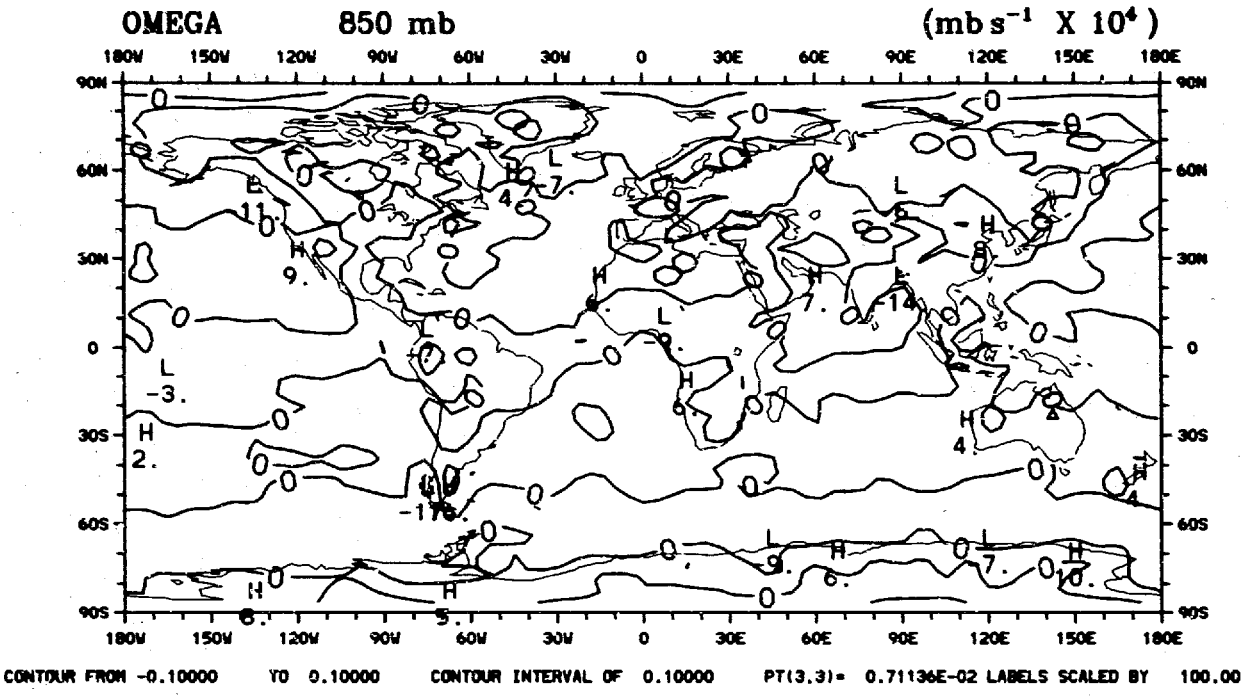
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.62587E-02 LABELS SCALED BY 100.00

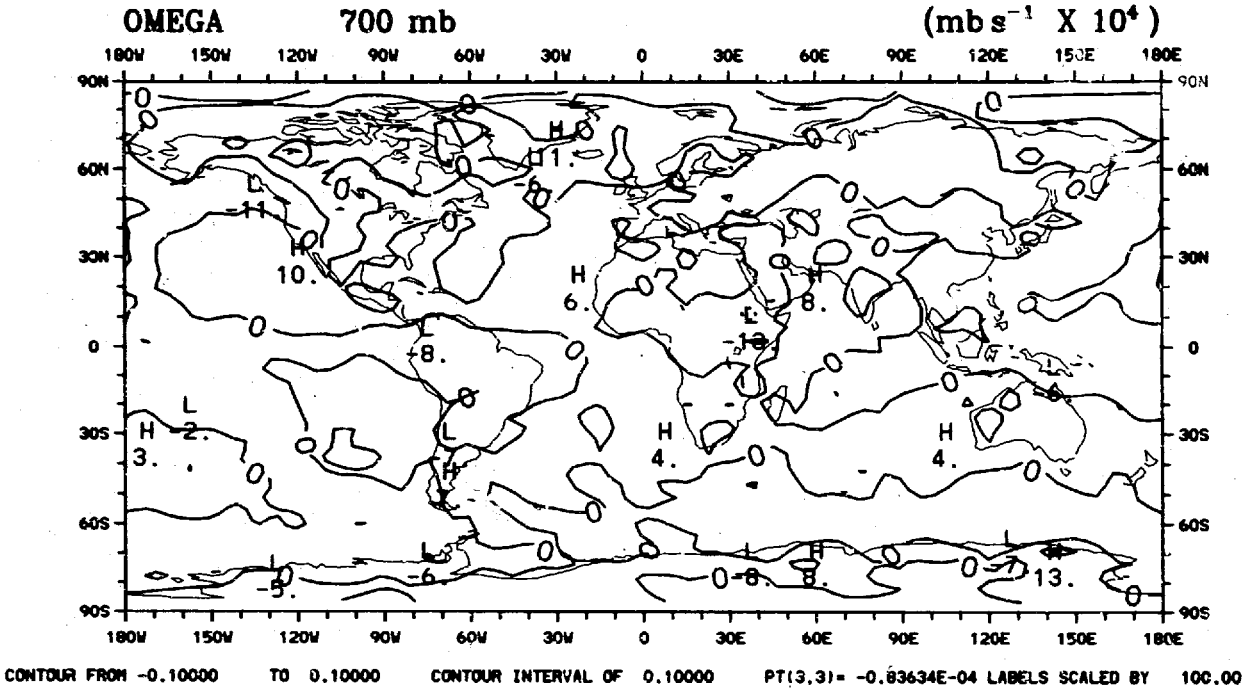
FRAME 1.29

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



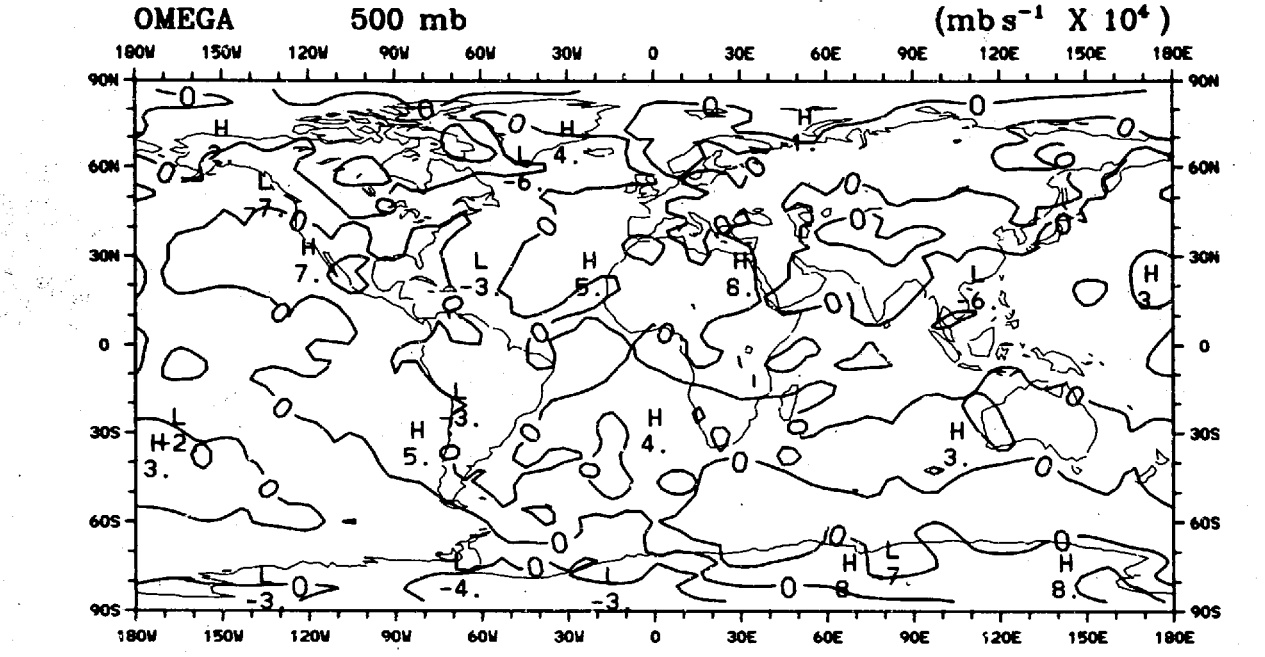

FRAME 1.30

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



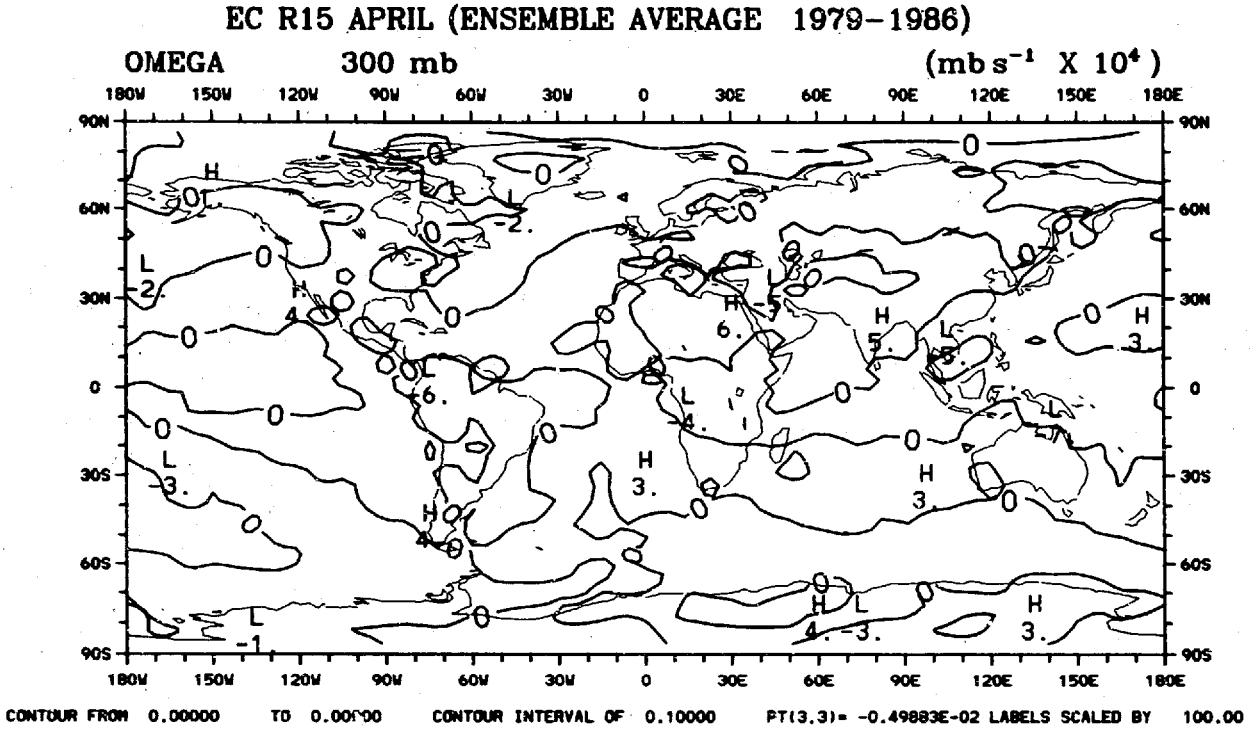

FRAME 1.31

## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



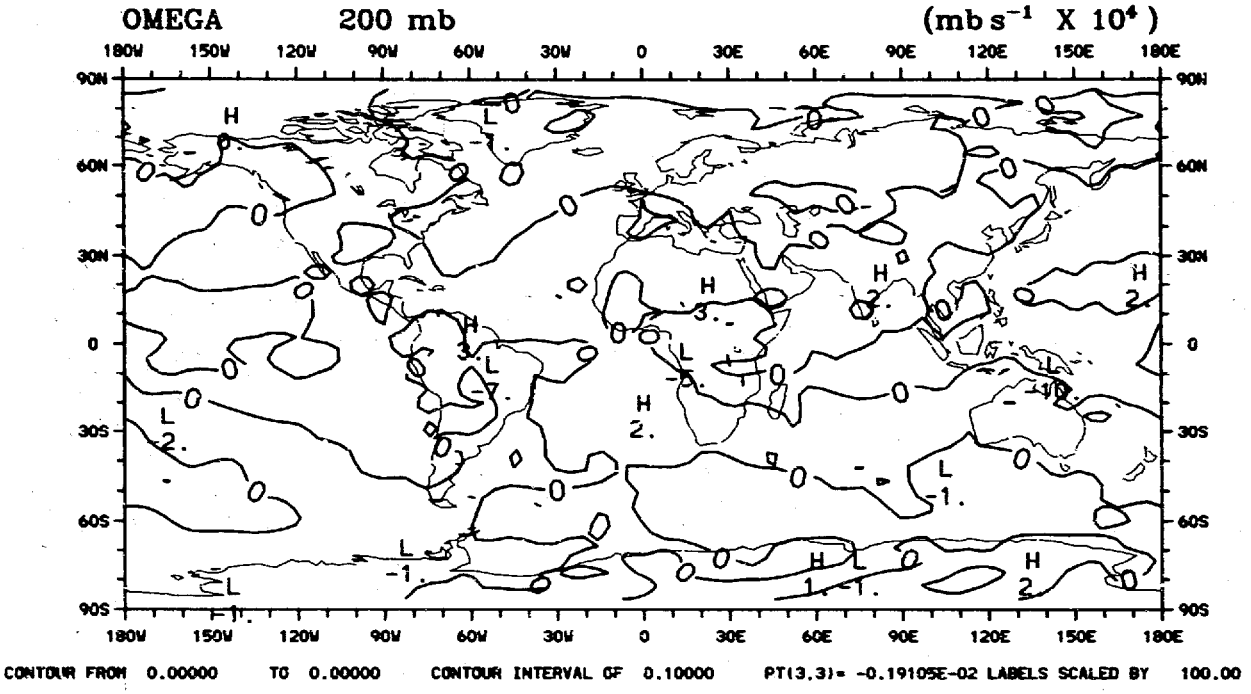

CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.42353E-02 LABELS SCALED BY 100.00

FRAME 1.32


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
OMEGA 300 mb (mb s$^{-1}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.49883E-02 LABELS SCALED BY 100.00

FRAME 1.33

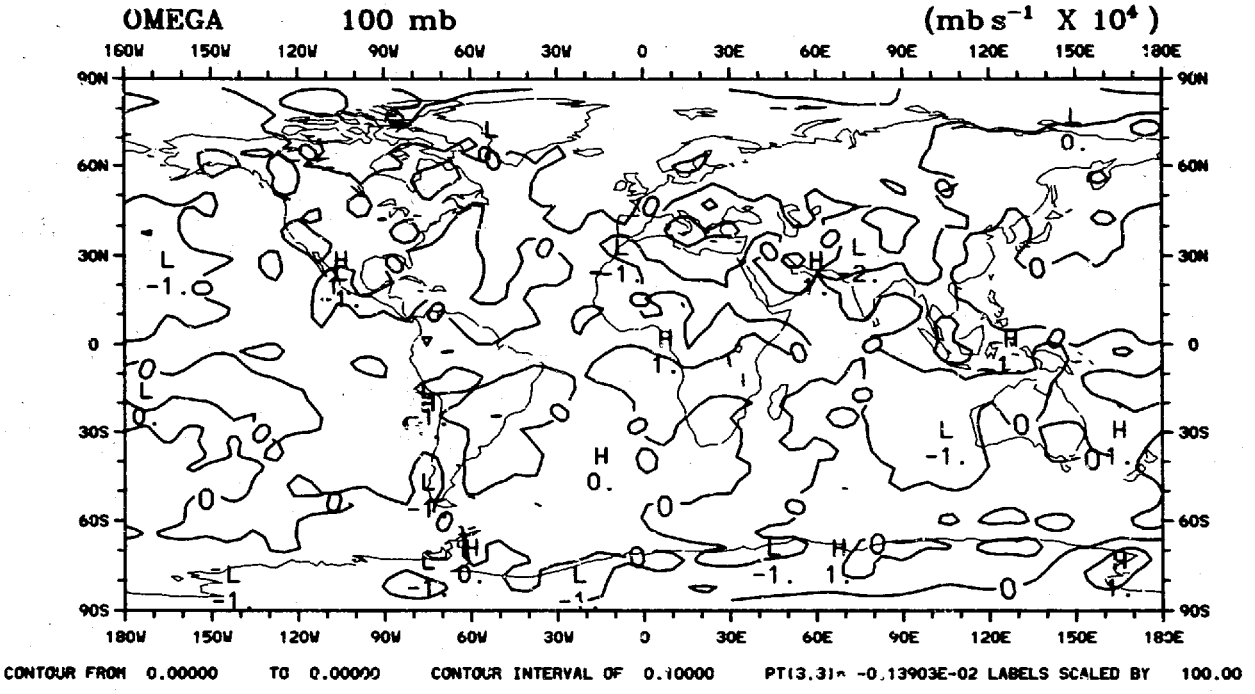
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.19105E-02 LABELS SCALED BY 100.00

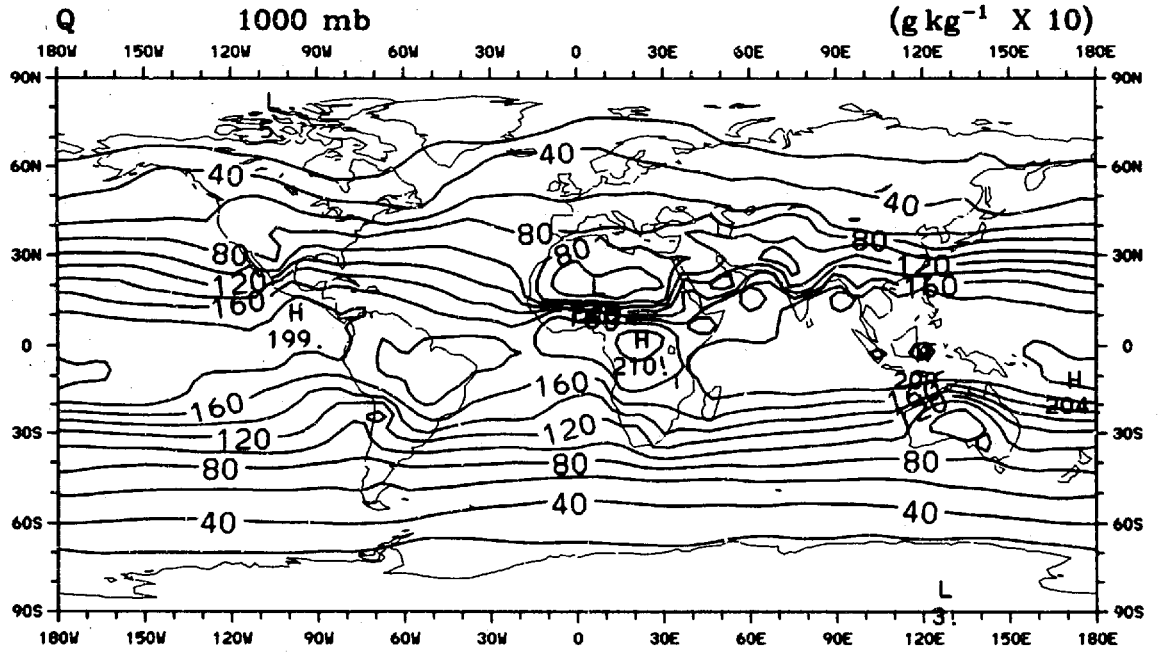
FRAME 1.34

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.35

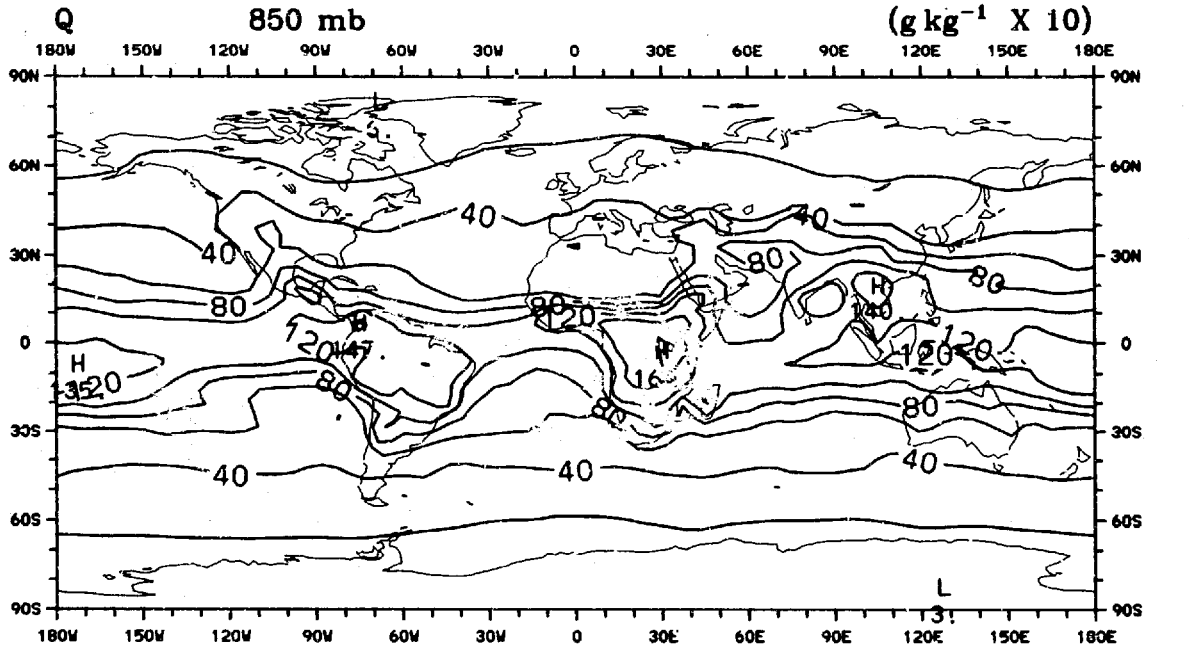
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.78841E-03 LABELS SCALED BY 10000.

FRAME 1.36

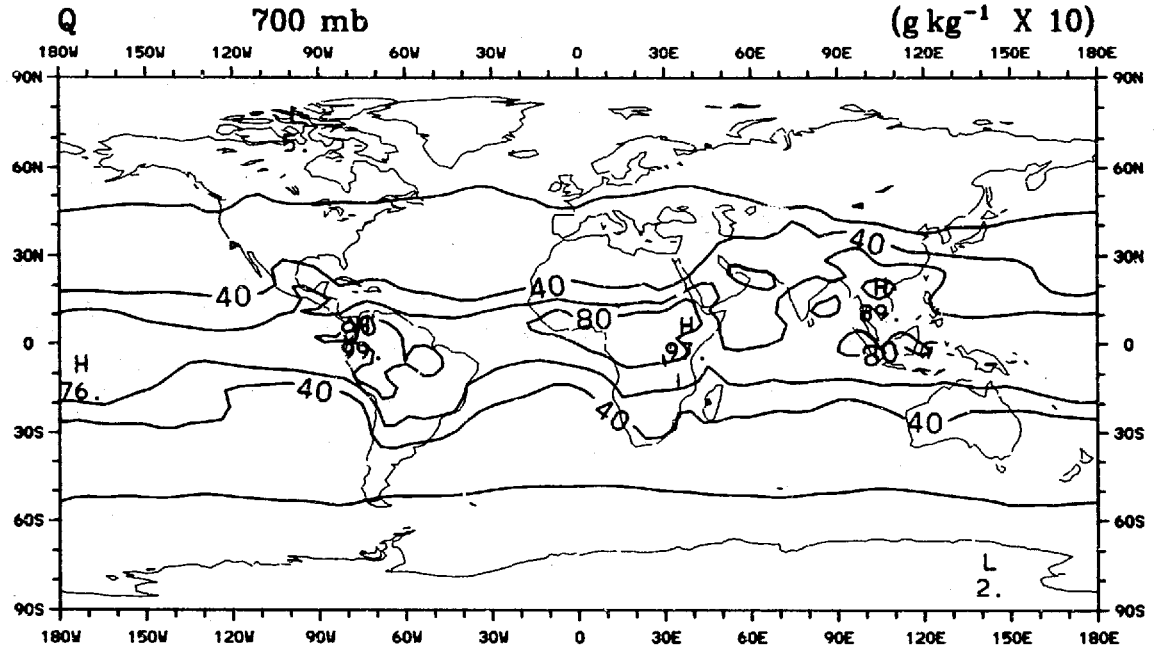
# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.75395E-03 LABELS SCALED BY 10000.

FRAME 1.37

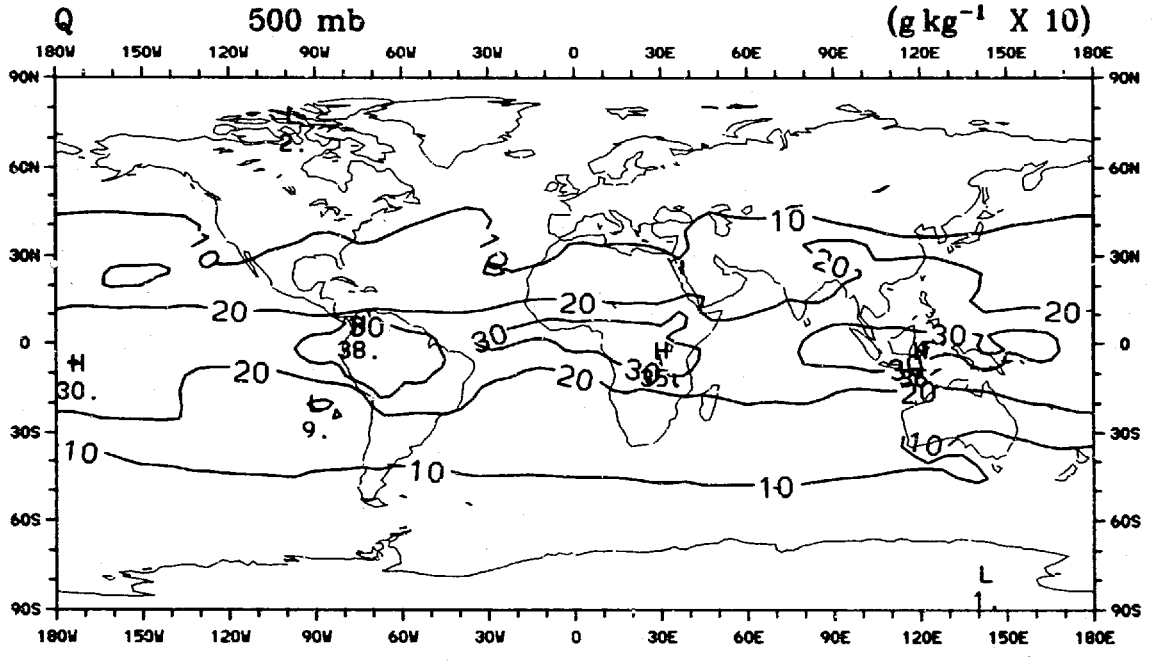
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.53983E-03 LABELS SCALED BY 10000.

FRAME 1.38

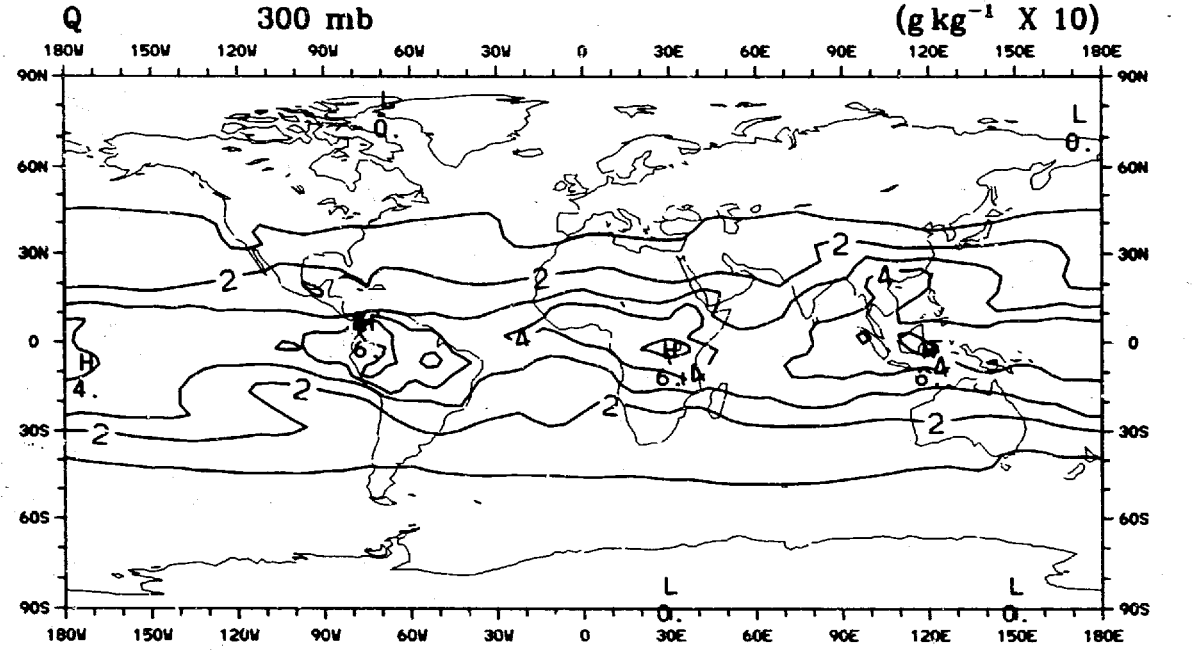
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.18407E-03 LABELS SCALED BY 10000.

FRAME 1.39

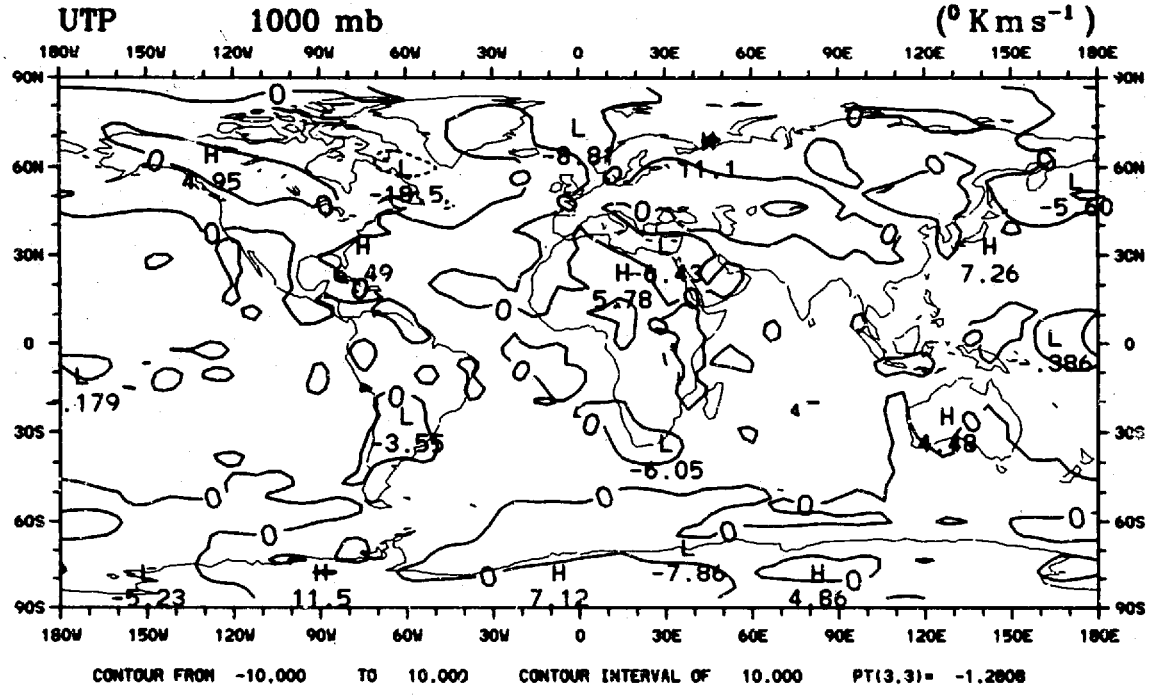
# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.50000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.21059E-04 LABELS SCALED BY 10000.

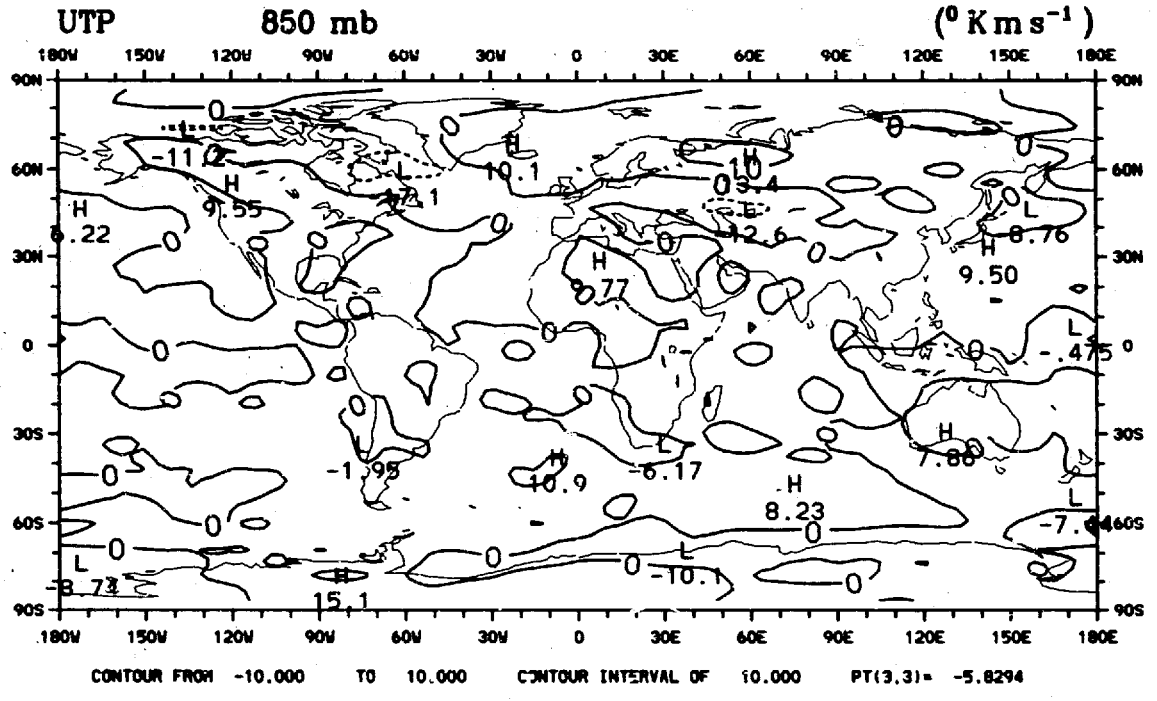
FRAME 1.40

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.41

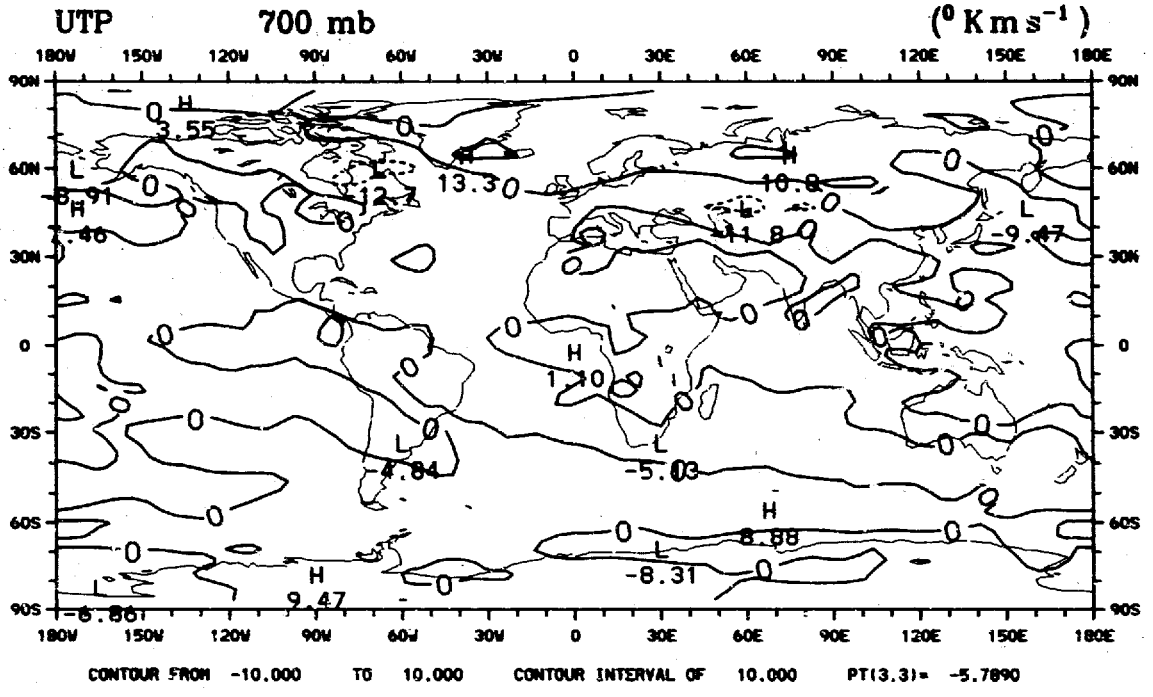
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -5.8294

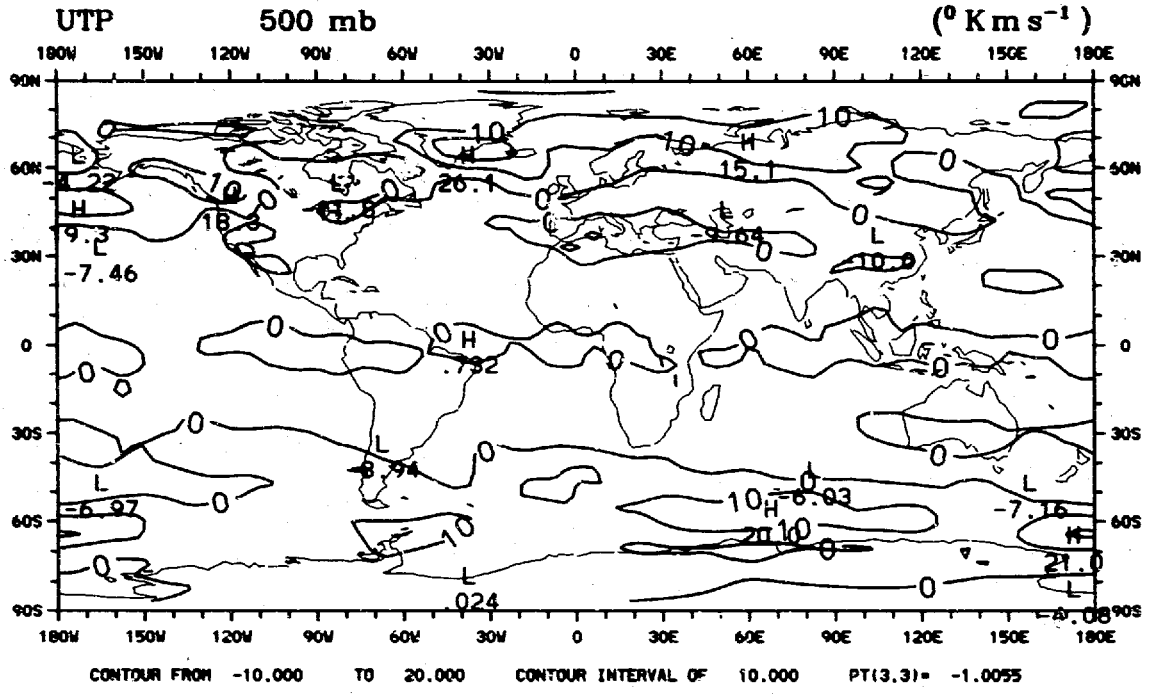
FRAME 1.42

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

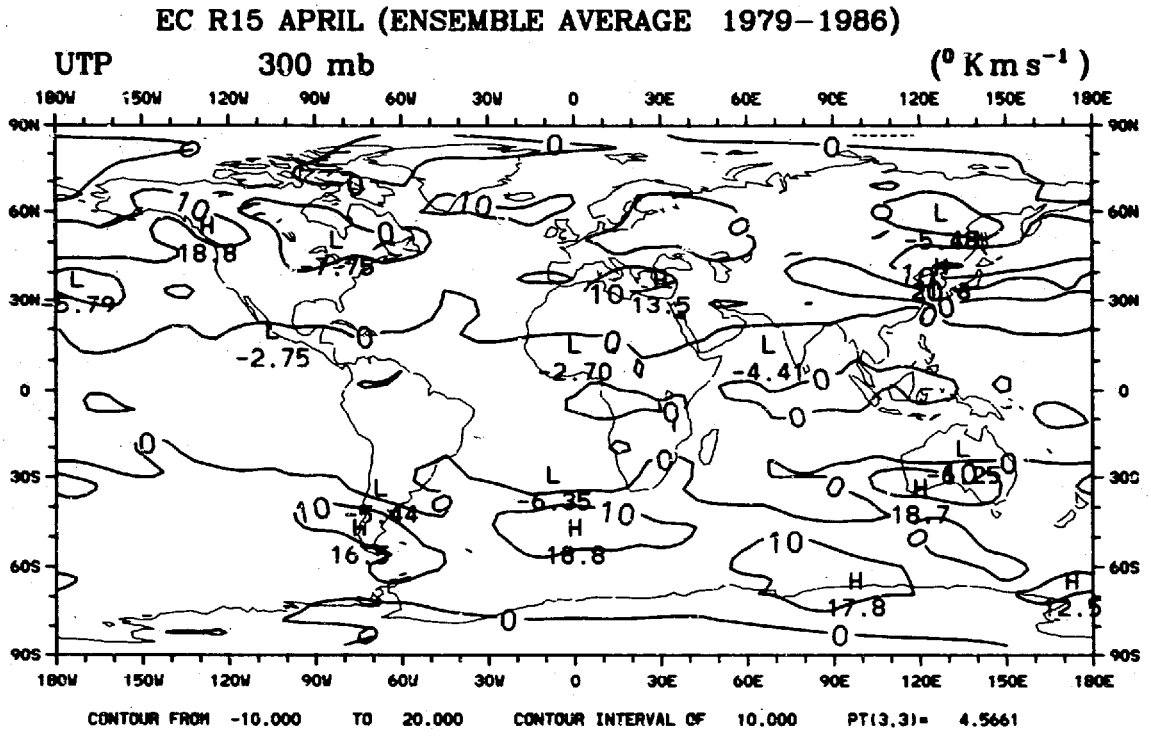



FRAME 1.43

EC R15 APRIL (ENSEMBLE AVERAGE 1979--1986)

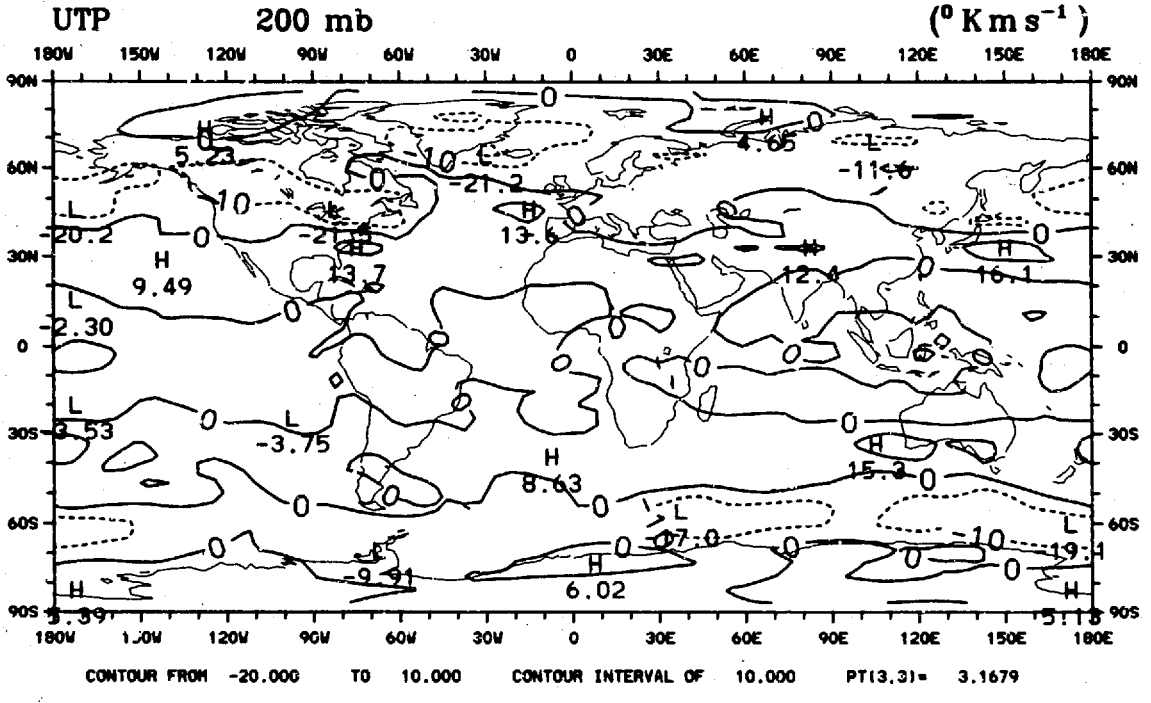



FRAME 1.44


EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)
UTP
300 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -10.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 4.5661

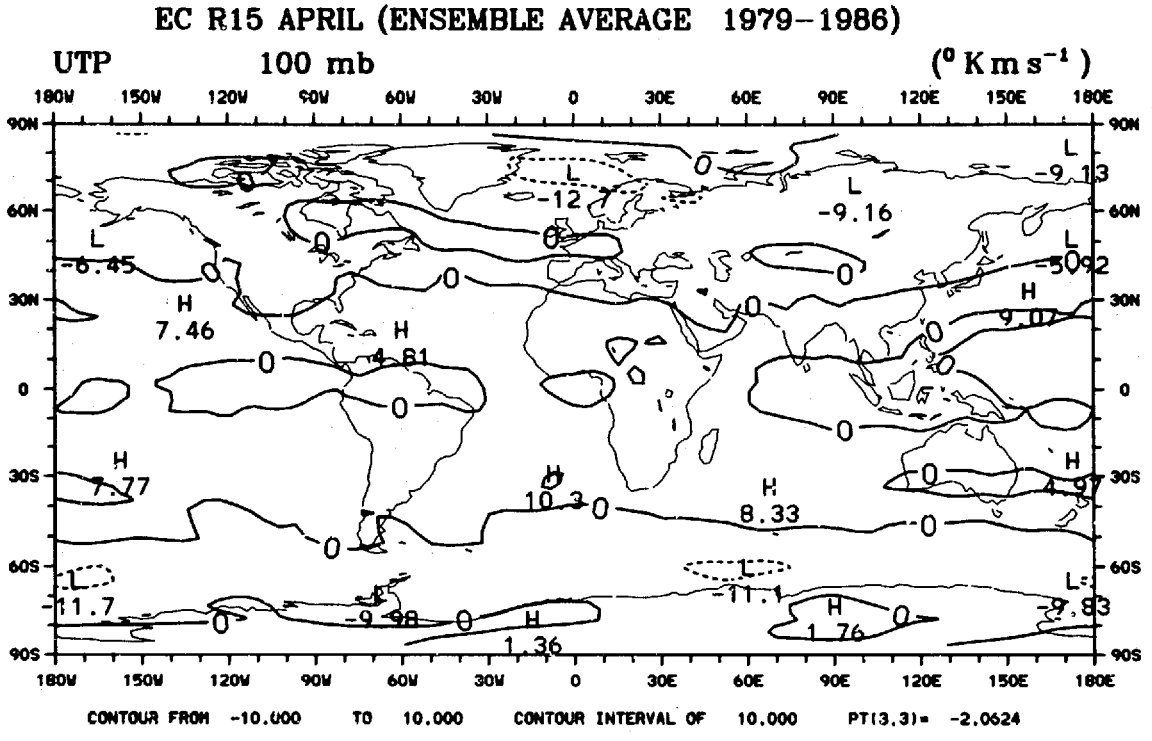
FRAME 1.45

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



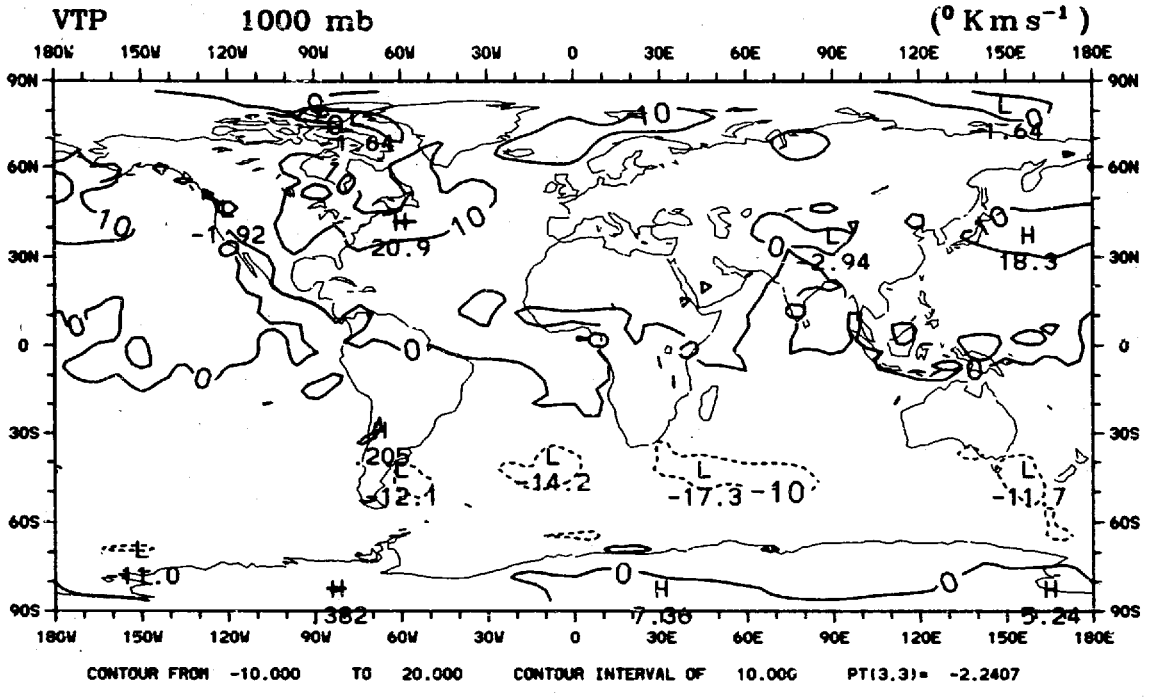

CONTOUR FROM -20.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 3.1679

FRAME 1.46

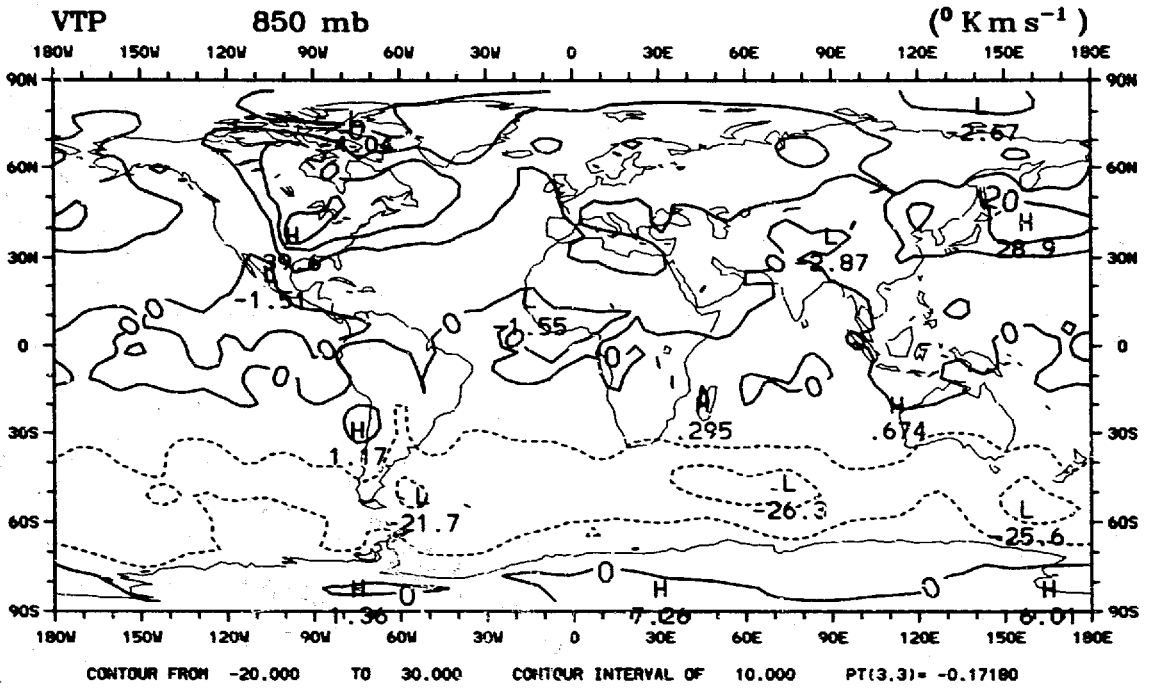

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
UTP 100 mb (°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
L -6.45
H 7.46
H 4.81
L -12.7
L -9.16
L -9.13
L -5.92
H 9.07
H 7.77
H 10.3
H 8.33
H 4.97
L -11.7
L -9.98
L -11.1
L -9.83
H 1.36
H 1.76
0
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -2.0624

FRAME 1.47

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

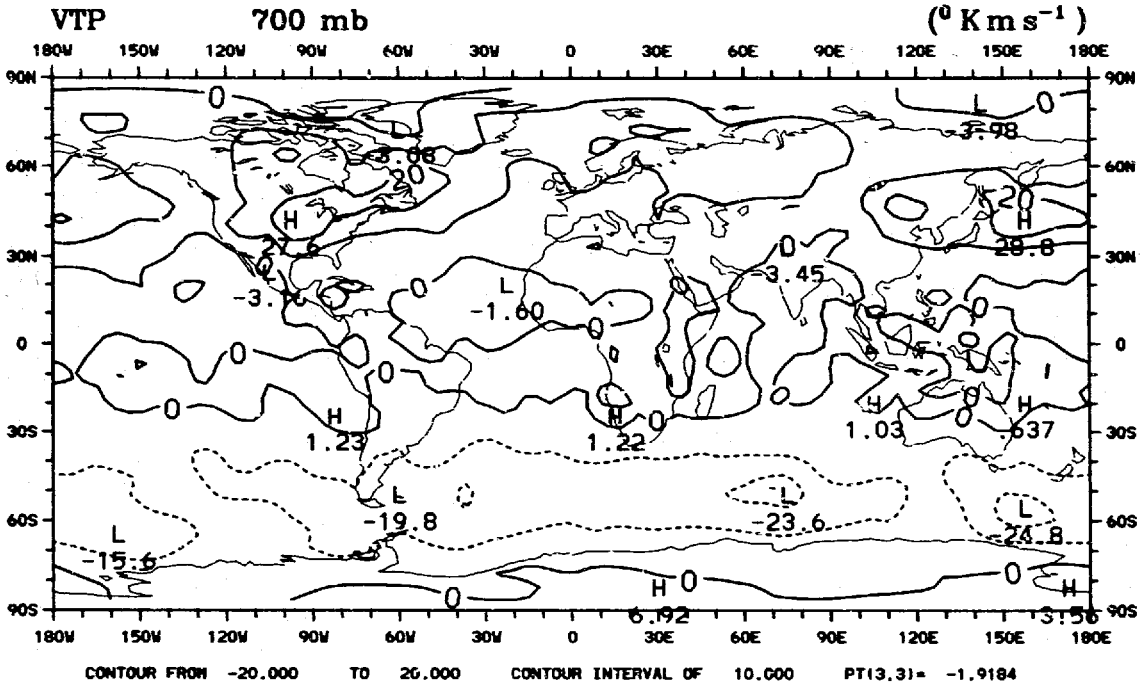



FRAME 1.48


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
VTP
850 mb
(⁰ K m s⁻¹ )
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
2.67
28.9
2.87
-1.51
1.55
.295
.674
1.17
-26.3
-21.7
-25.6
1.36
7.26
6.01
CONTOUR FROM -20.000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -0.17180

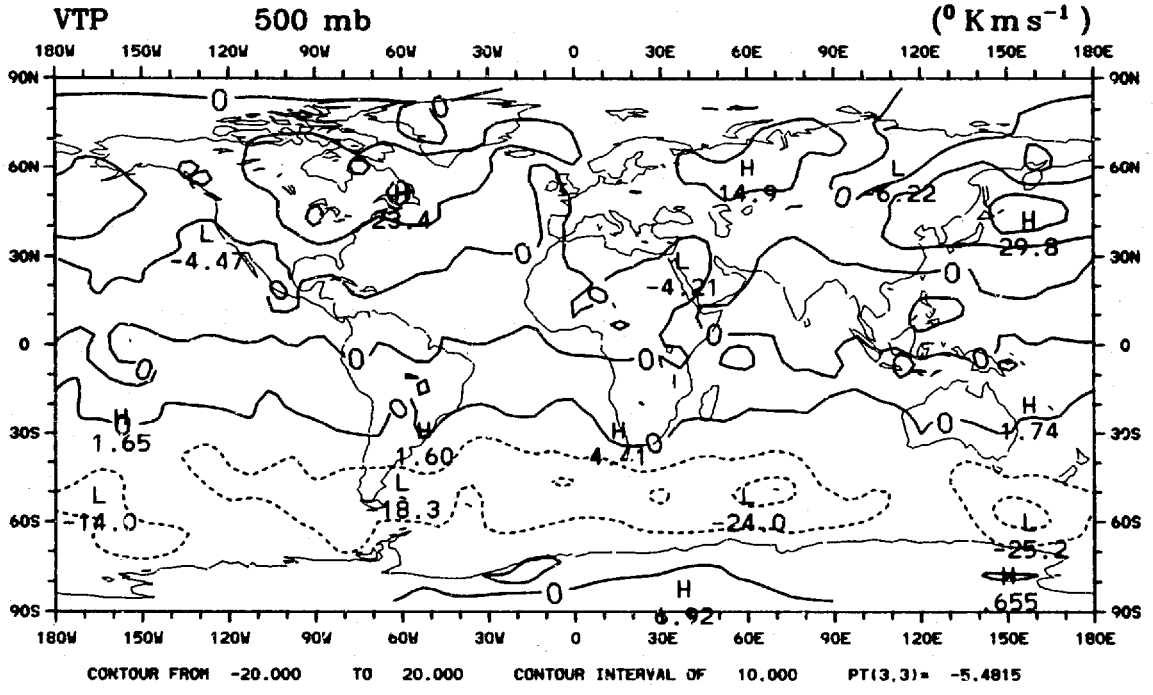
FRAME 1.49

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



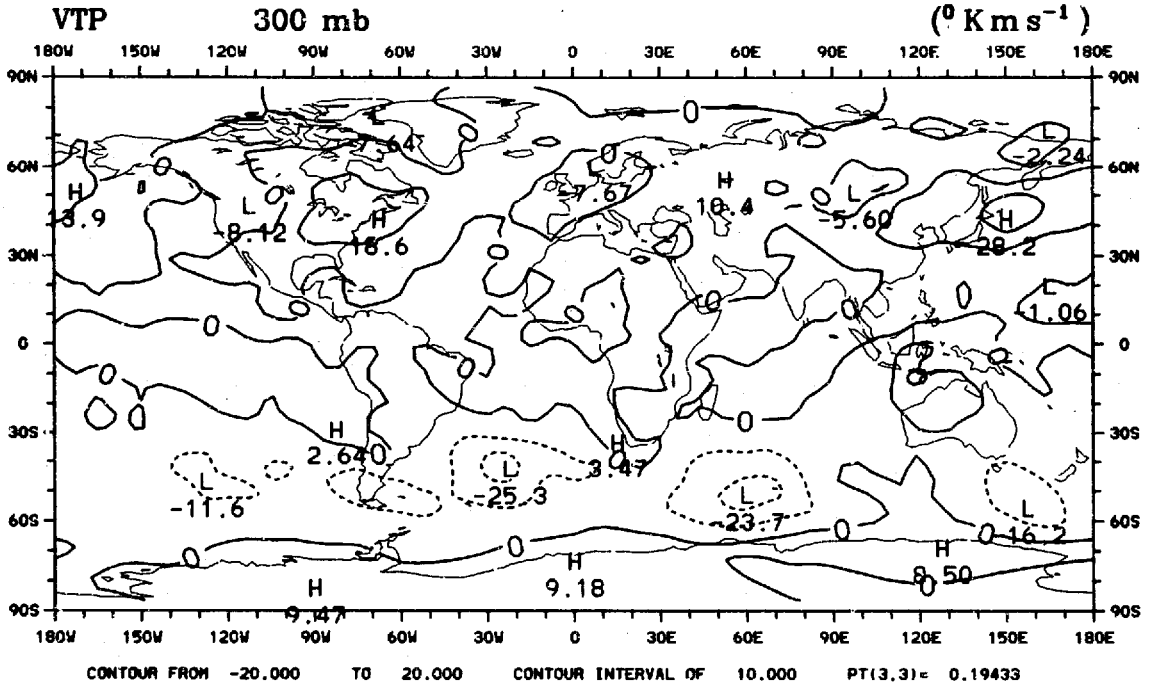

FRAME 1.50

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



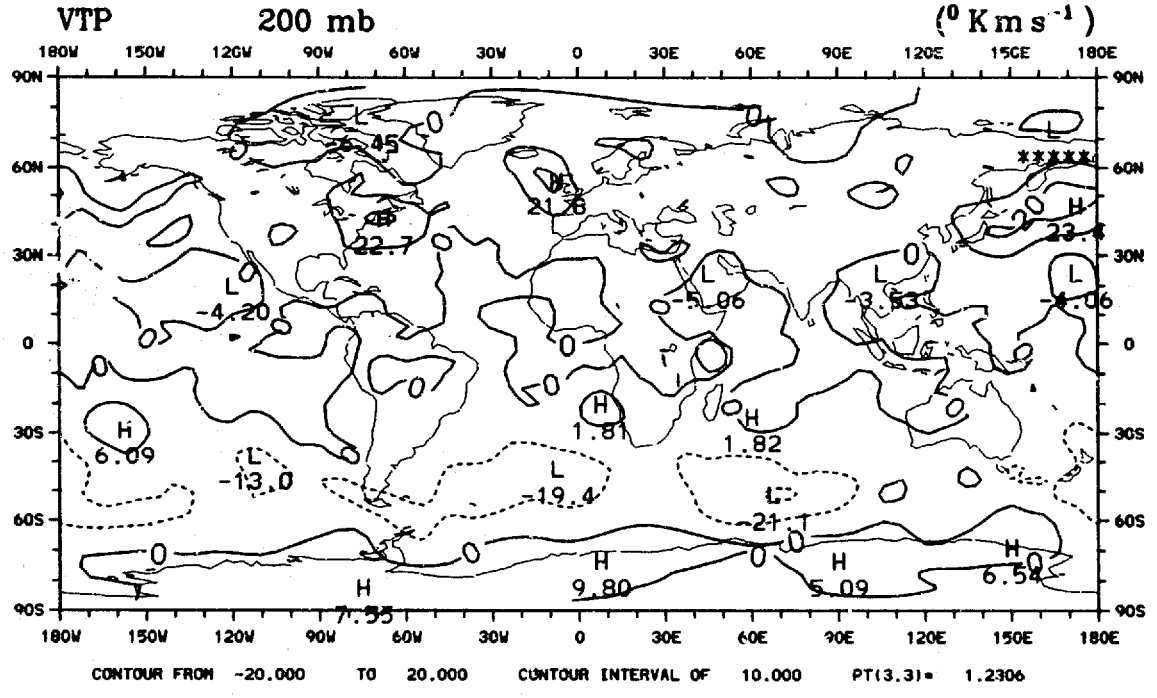

FRAME 1.51

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



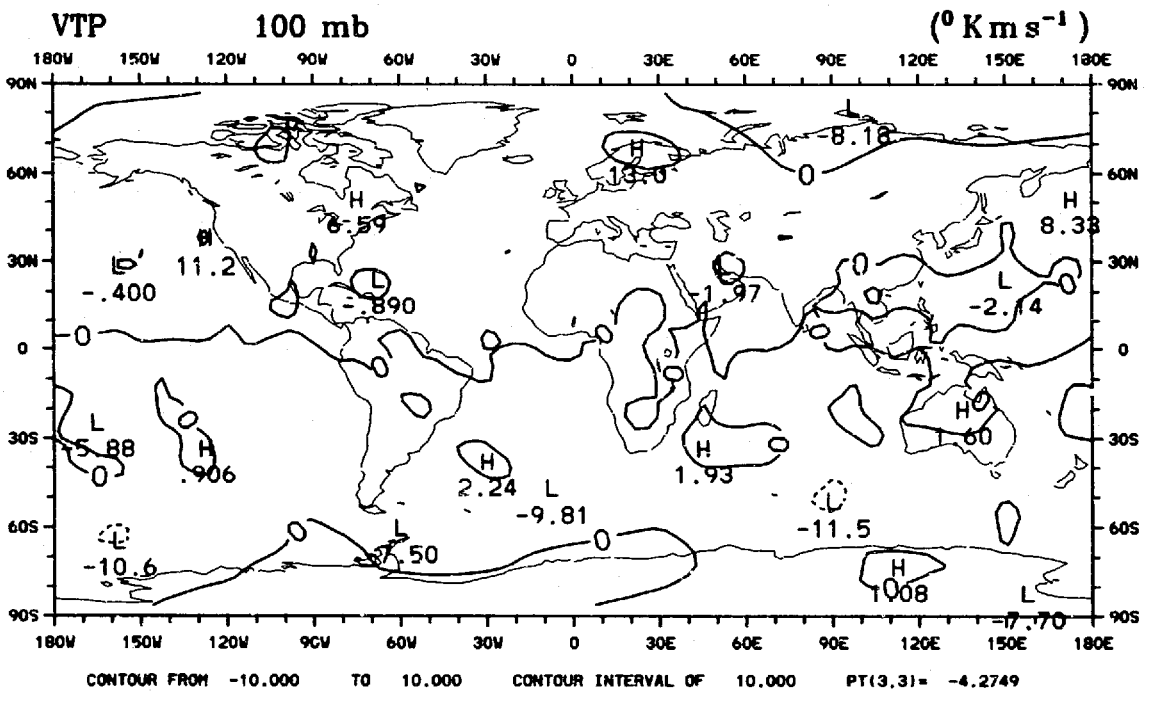

FRAME 1.52

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



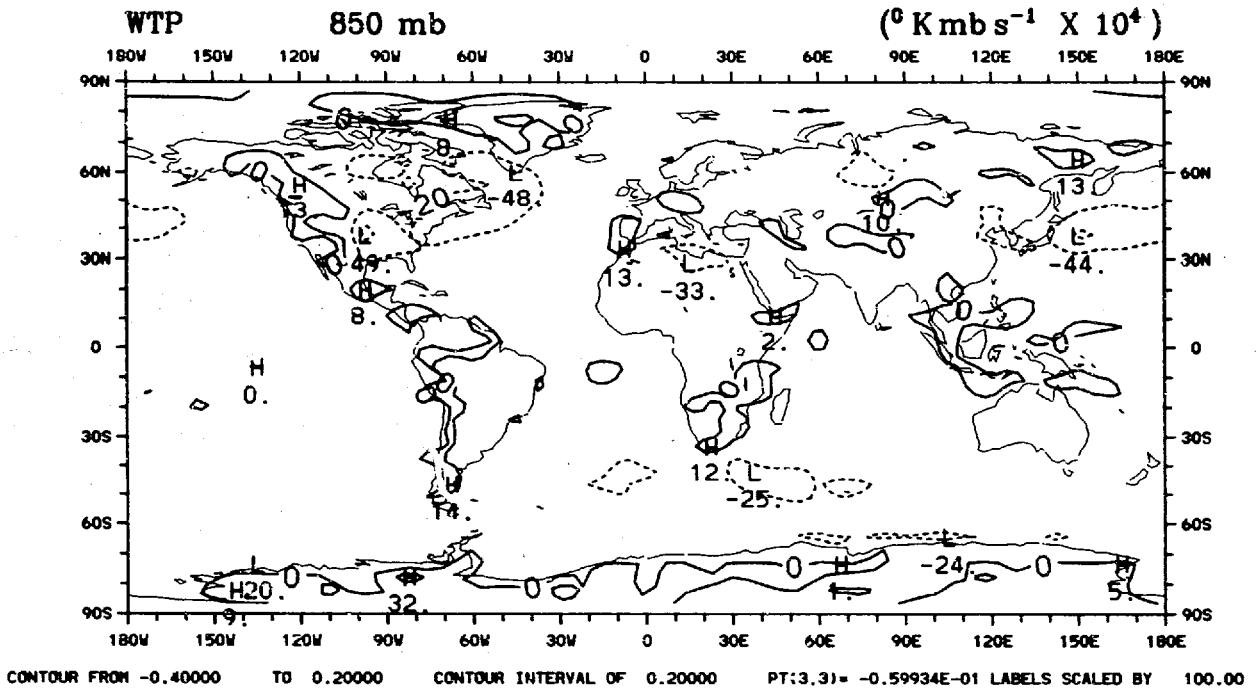

FRAME 1.53

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



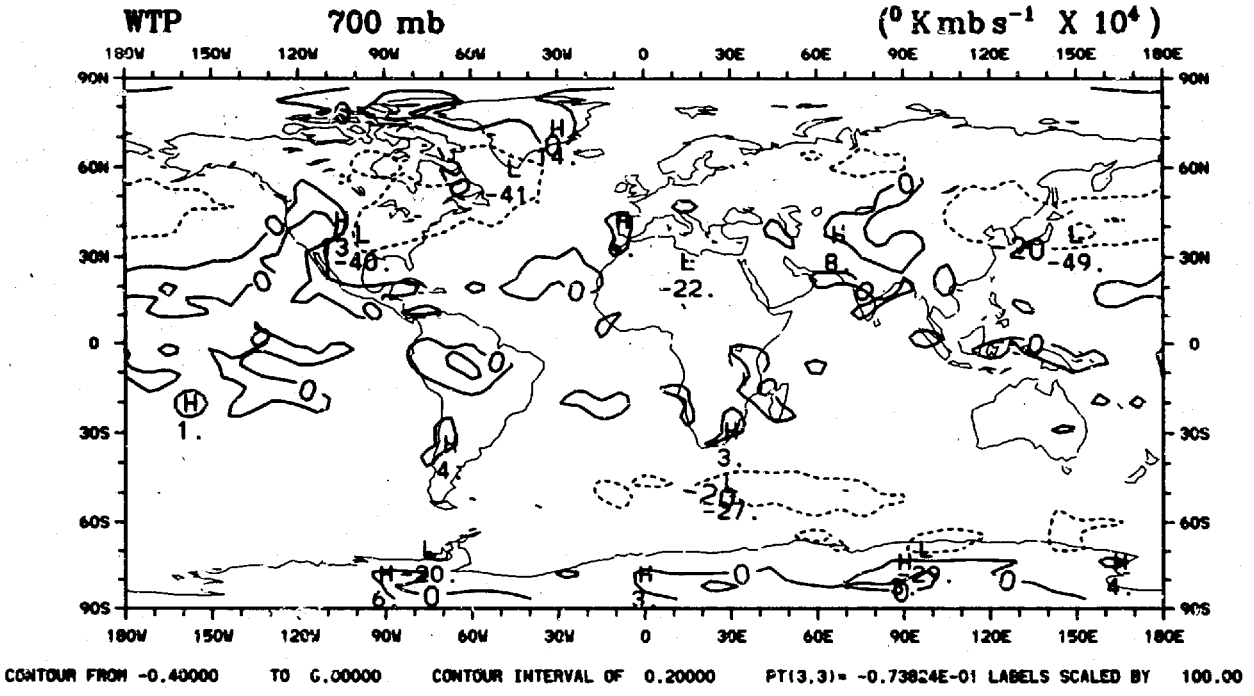

FRAME 1.54

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.55

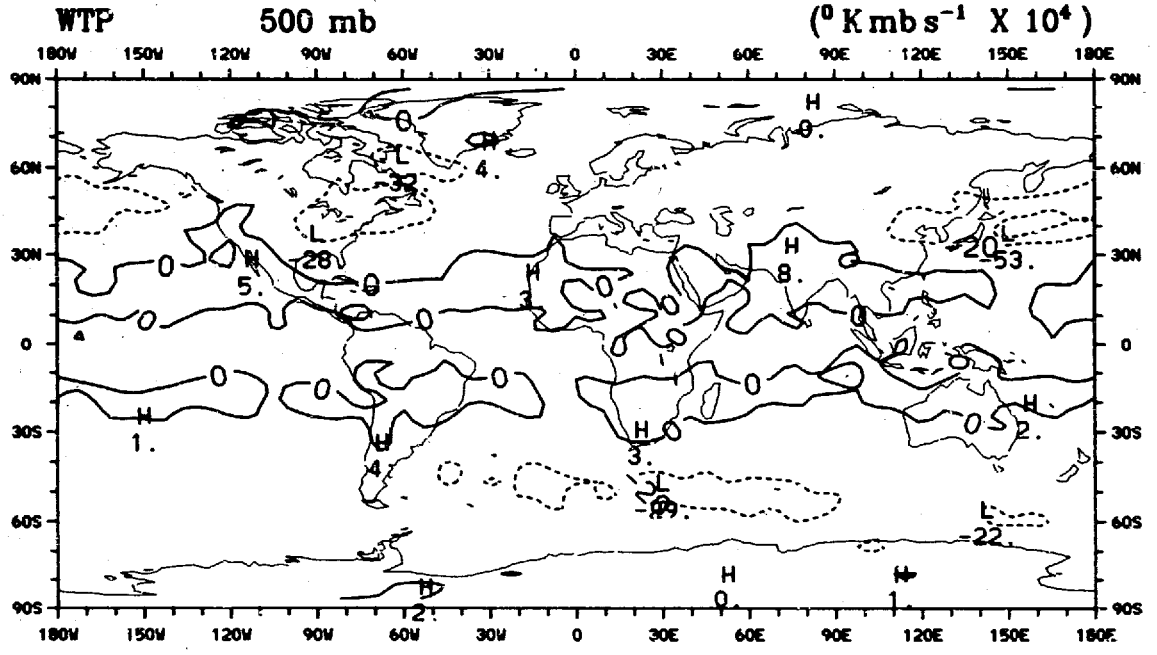
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.73824E-01 LABELS SCALED BY 100.00

FRAME 1.56

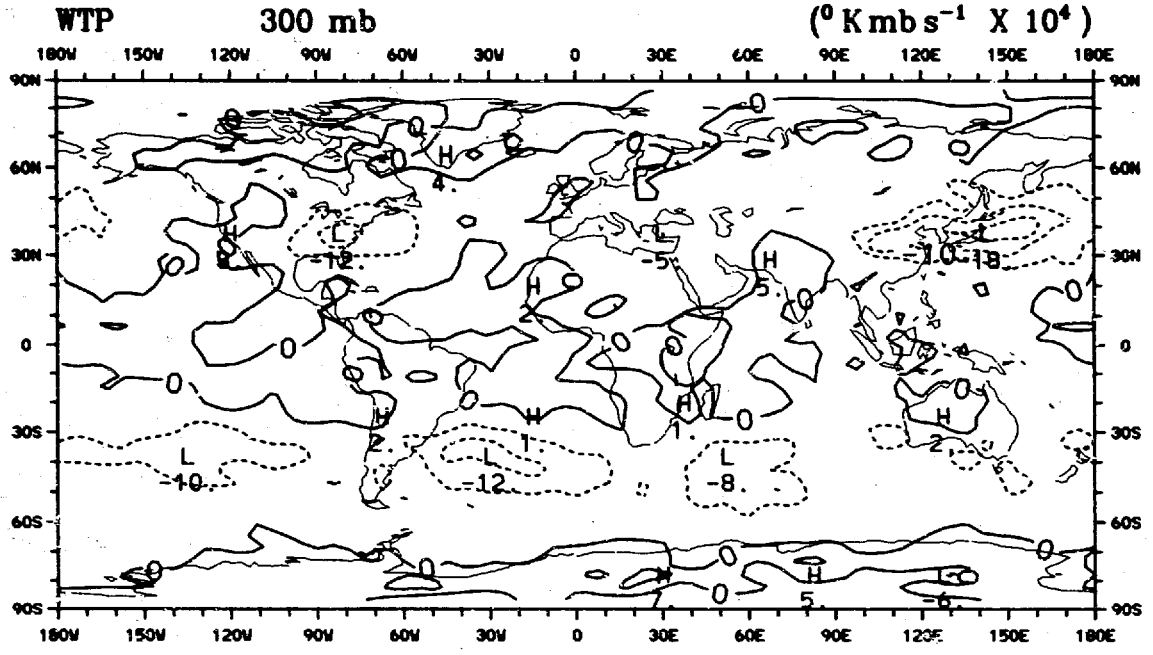
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.66756E-01 LABELS SCALED BY 100.00

FRAME 1.57

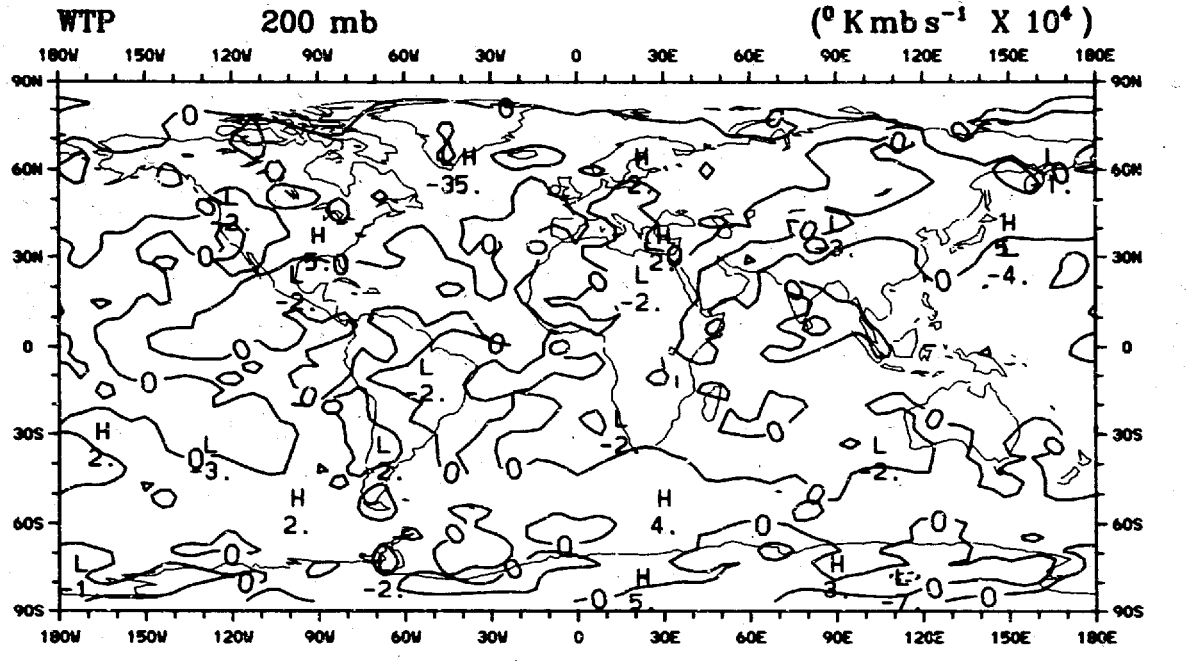
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.24373E-02 LABELS SCALED BY 100.00

FRAME 1.58

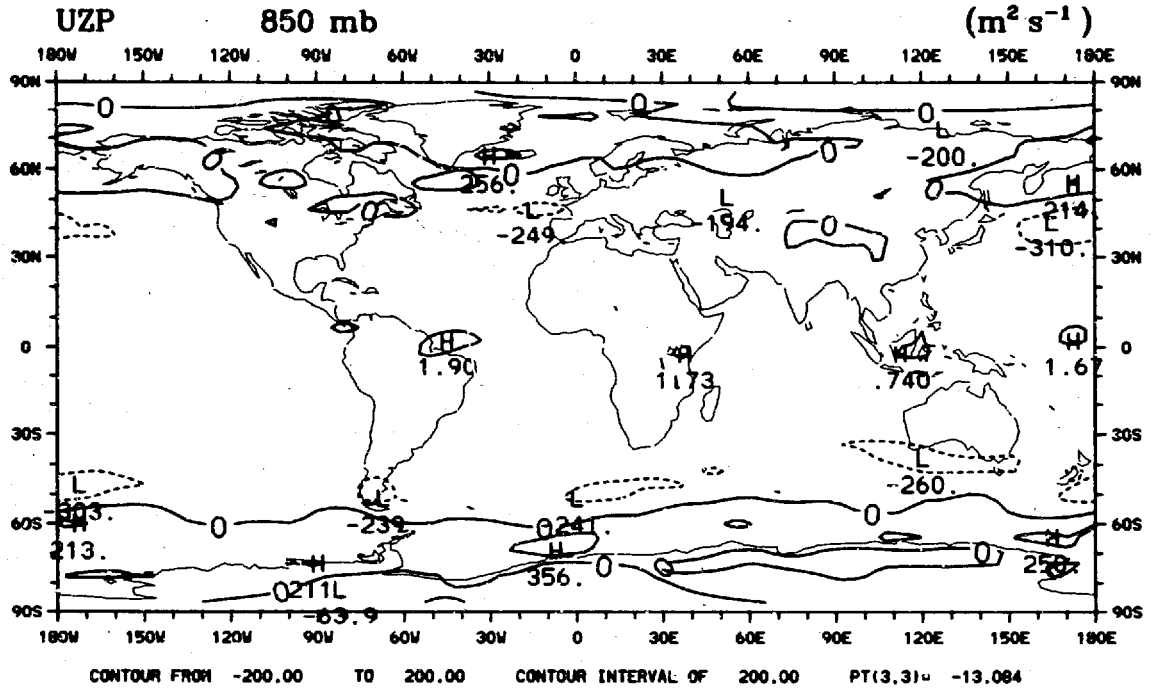
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-01 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.55850E-02 LABELS SCALED BY 100.00

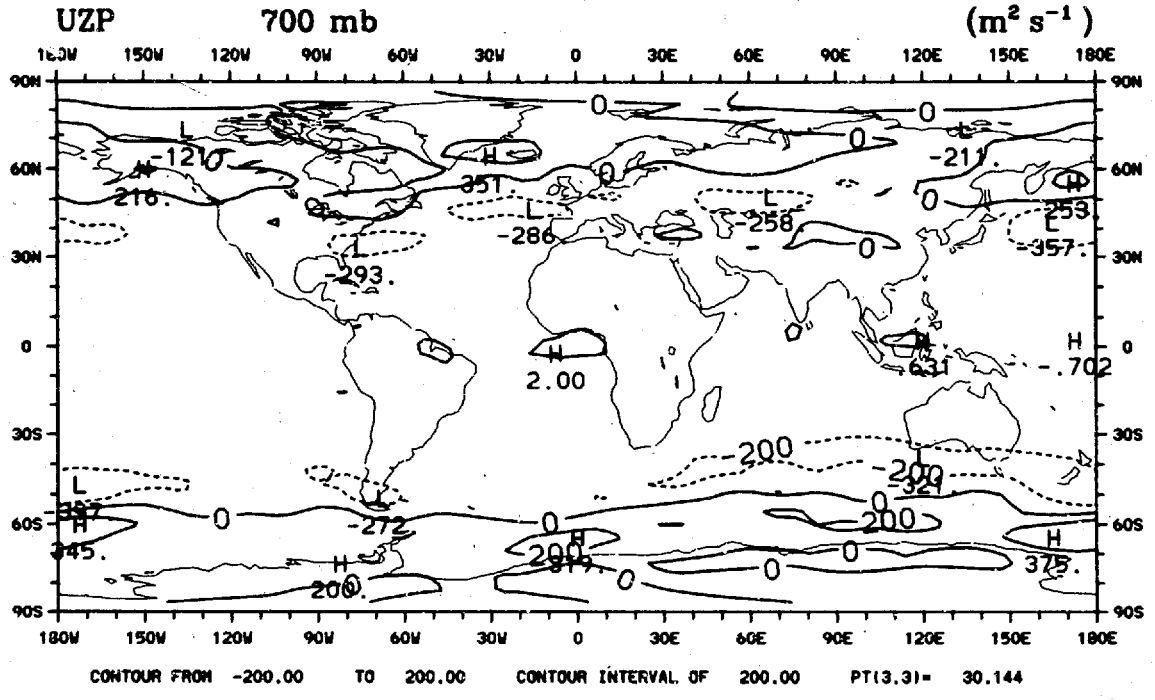
FRAME 1.59

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



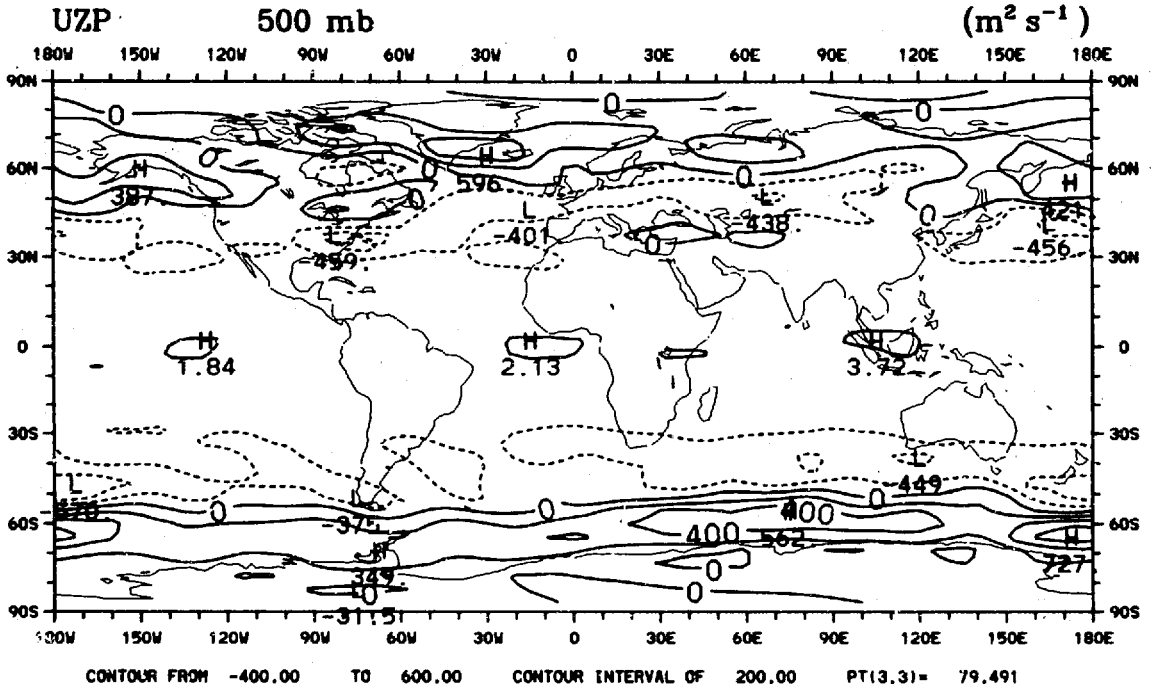

FRAME 1.60

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



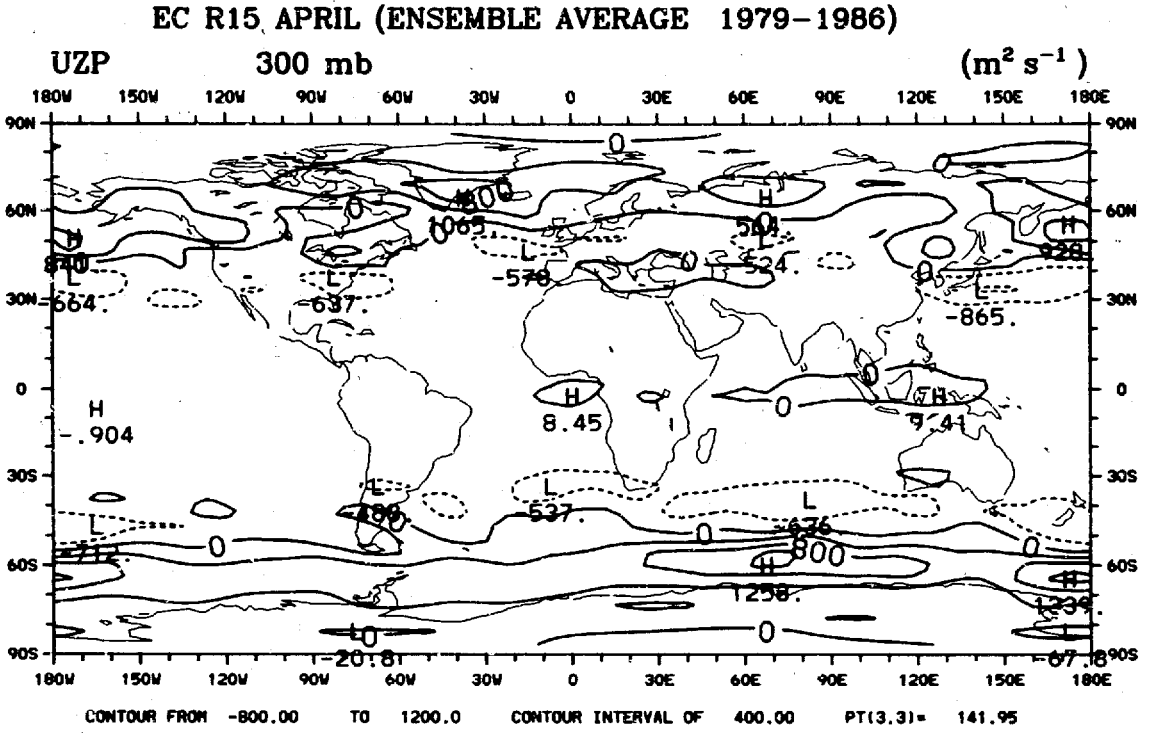

FRAME 1.61

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



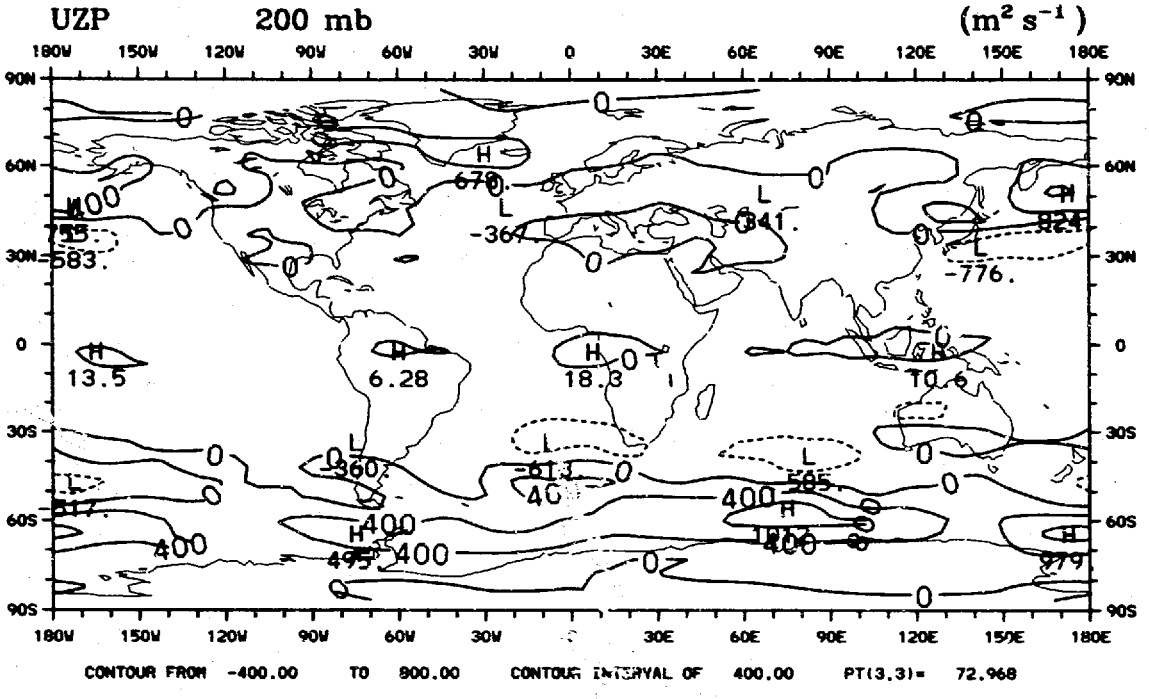

CONTOUR FROM -400.00 TO 600.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 79.491

FRAME 1.62

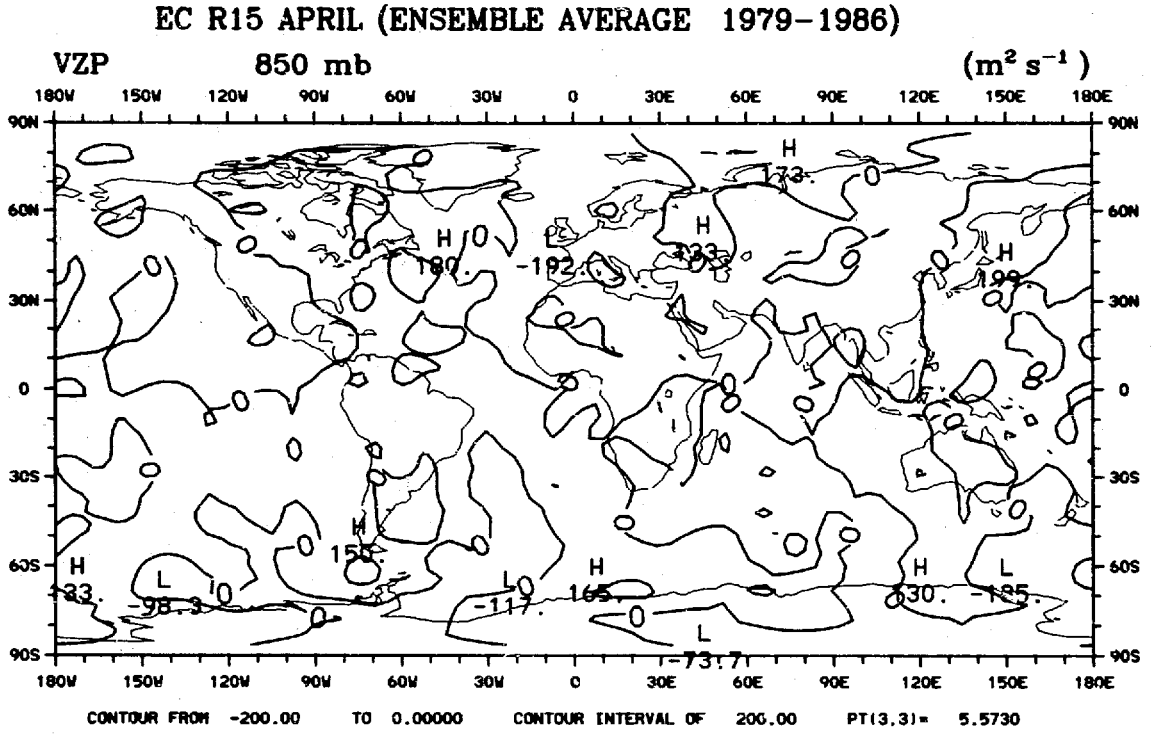

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
UZP 300 mb (m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H -.904
8.45
-664.
-637.
-578
-865.
-537.
1258.
-20.81
CONTOUR FROM -800.00 TO 1200.0 CONTOUR INTERVAL OF 400.00 PT(3,3)= 141.95

FRAME 1.63

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

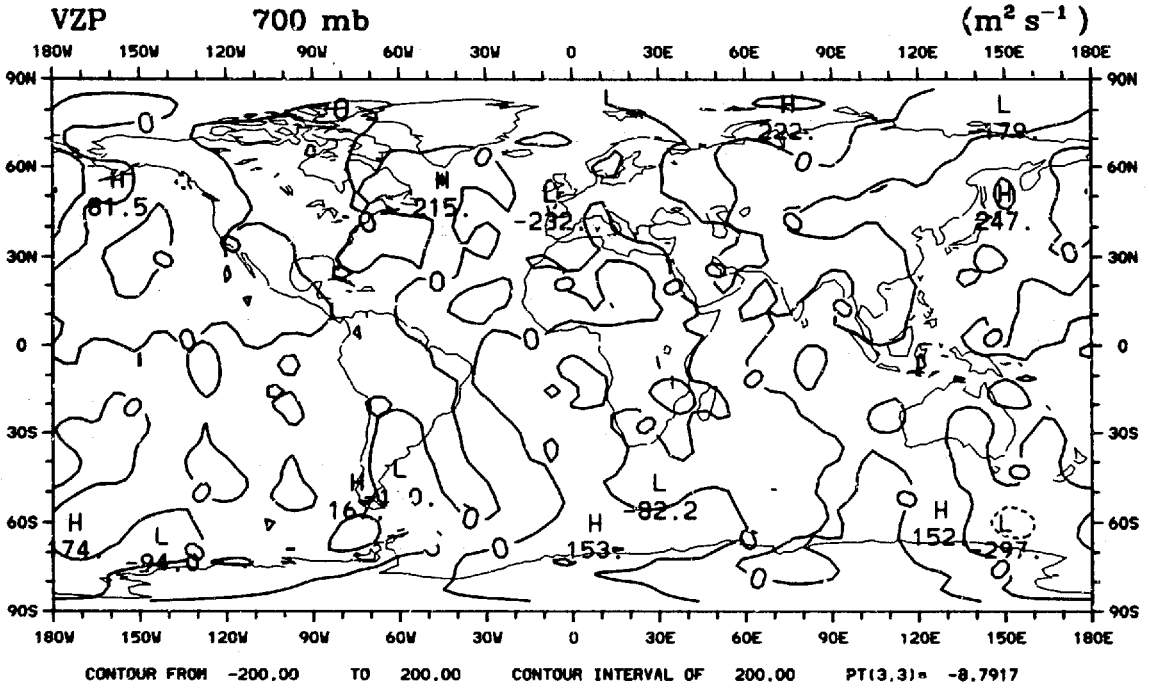



FRAME 1.64


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
VZP
850 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H
L
CONTOUR FROM -200.00 TO 0.00000 CONTOUR INTERVAL OF 200.00 PT(3,3)= 5.5730

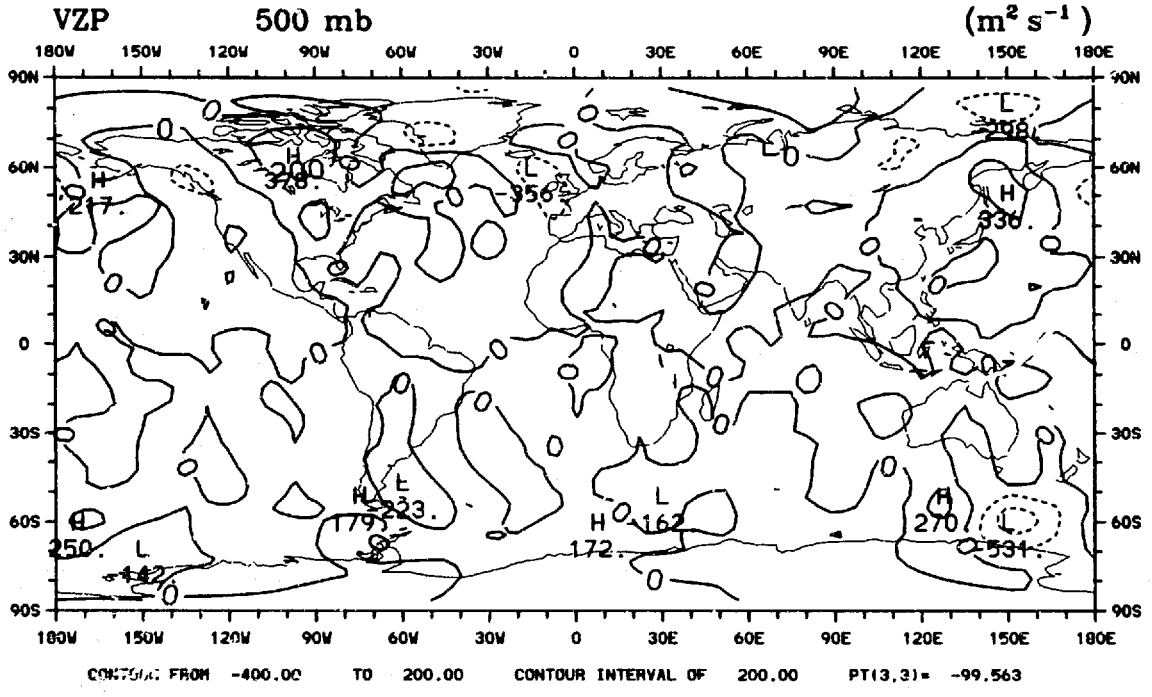
FRAME 1.65

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



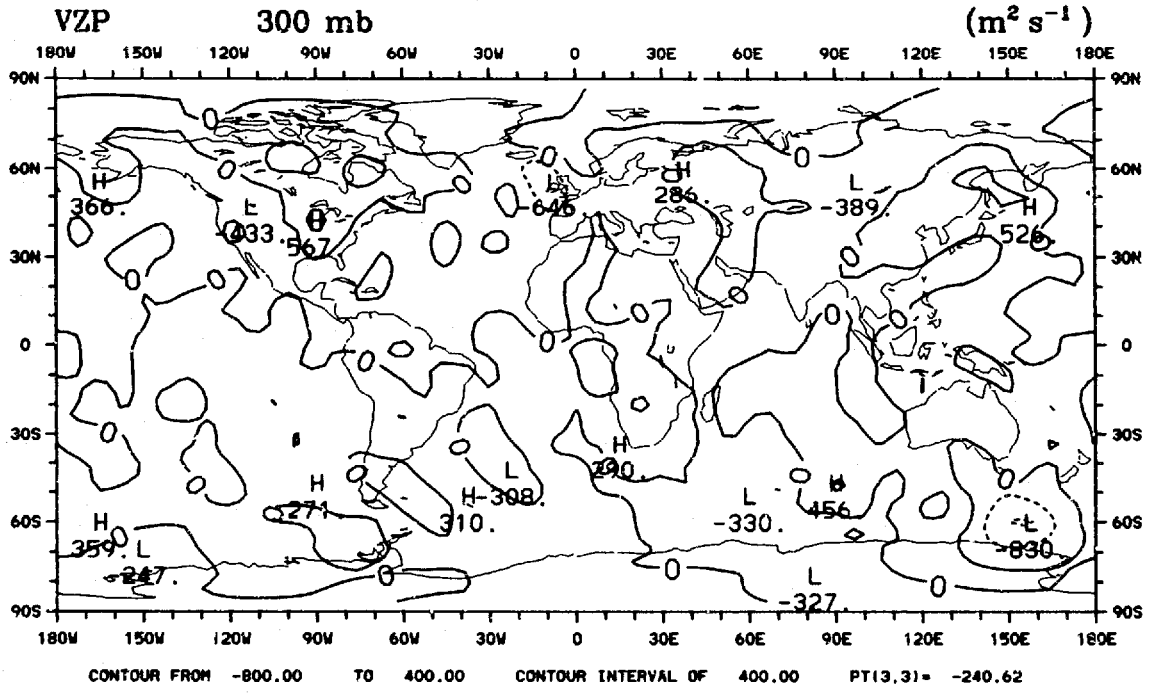

FRAME 1.66

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



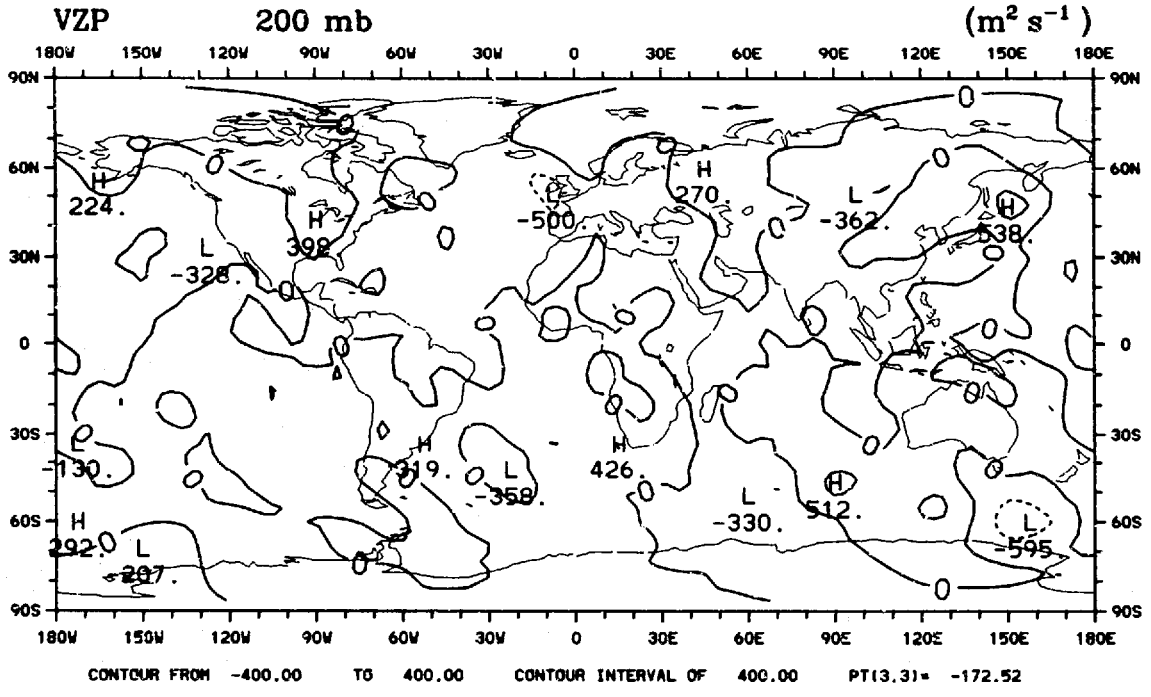

FRAME 1.67

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



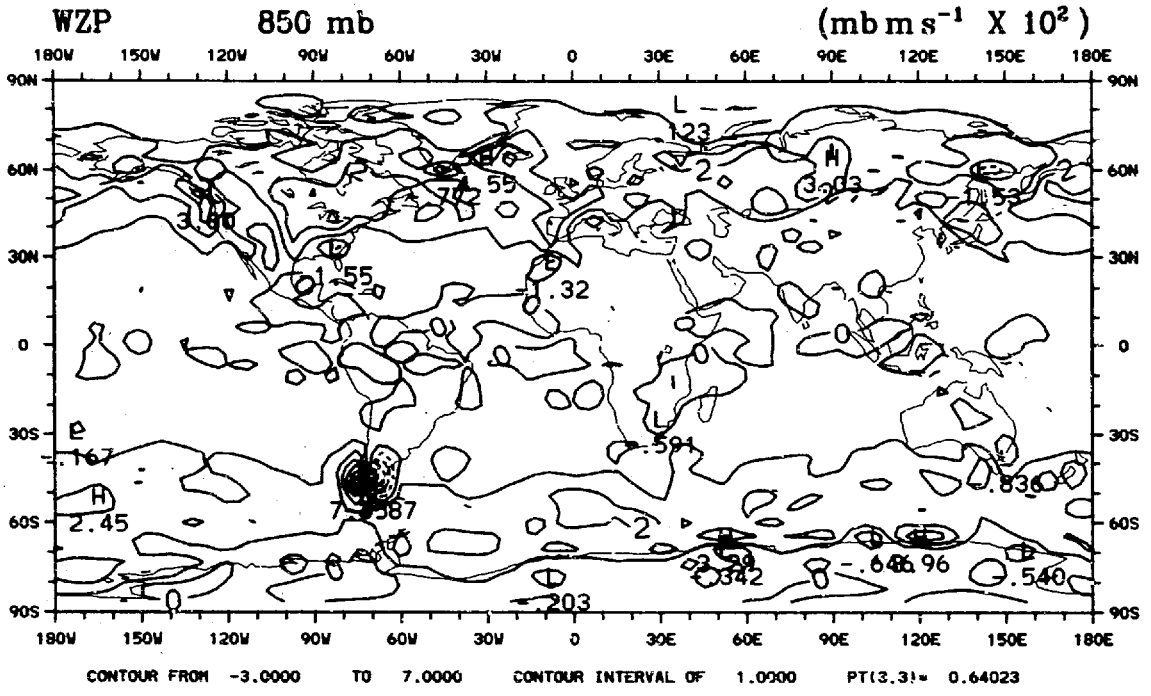

FRAME 1.68

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



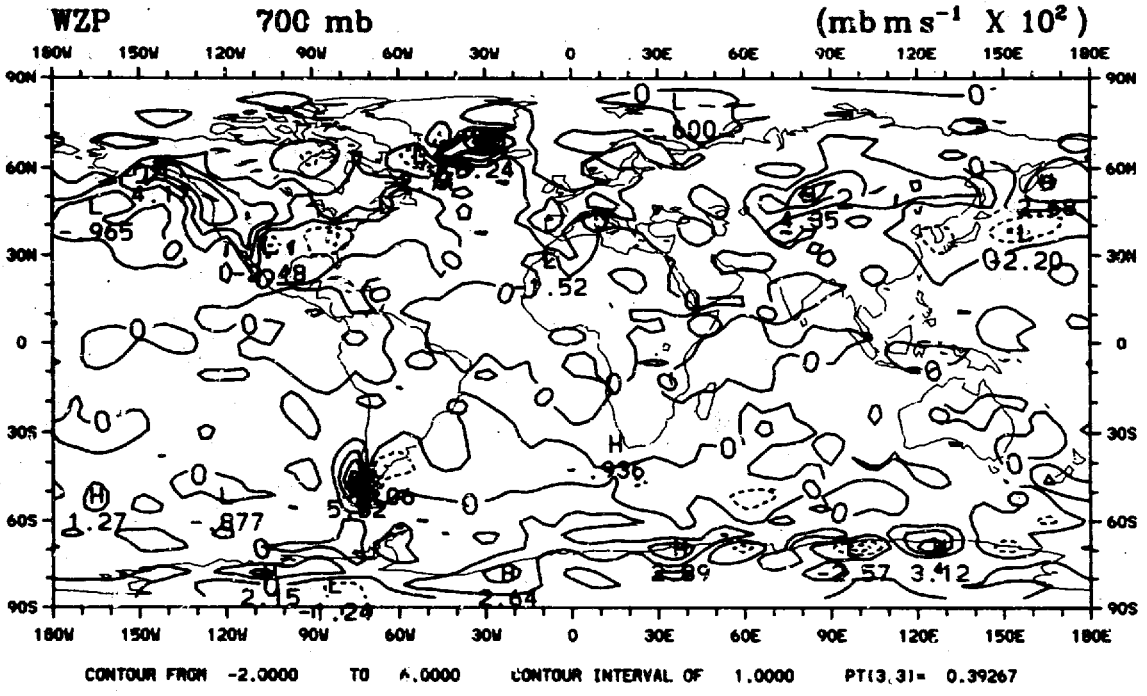

FRAME 1.69

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



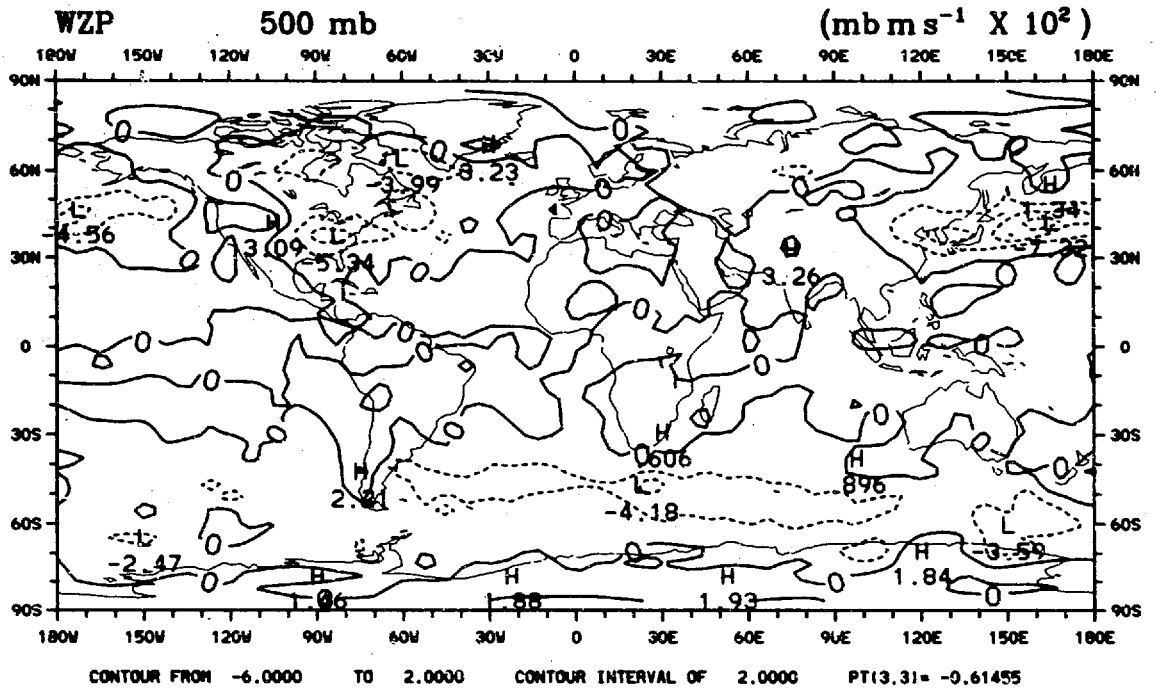

FRAME 1.70

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



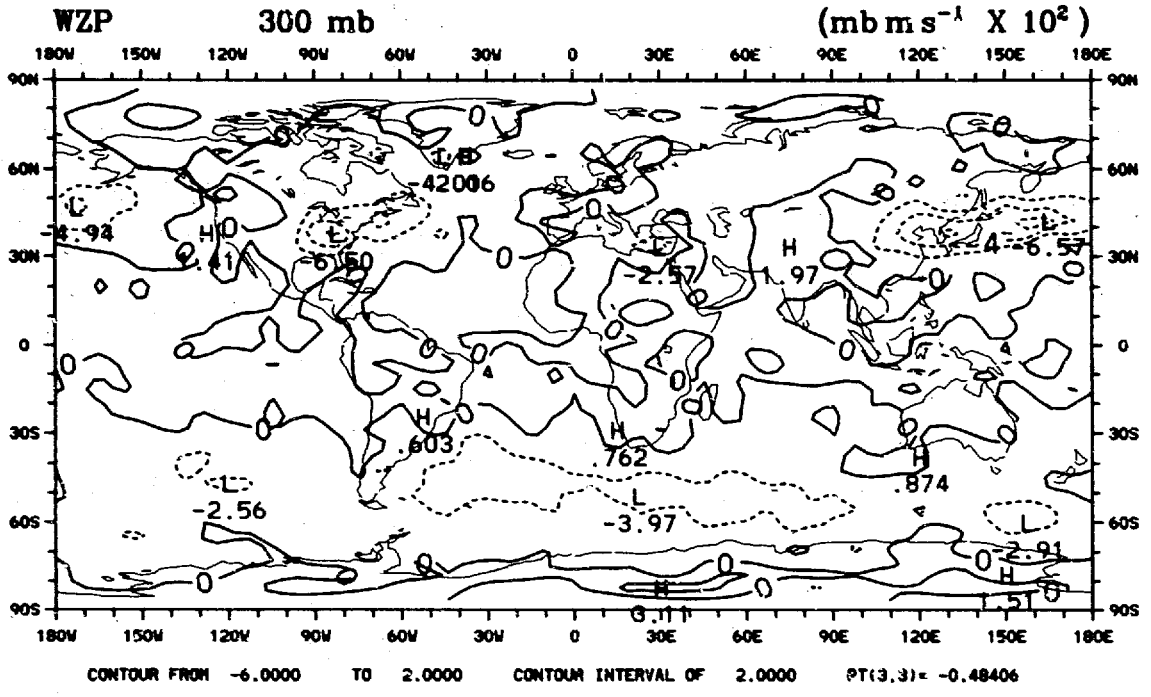

FRAME 1.71

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



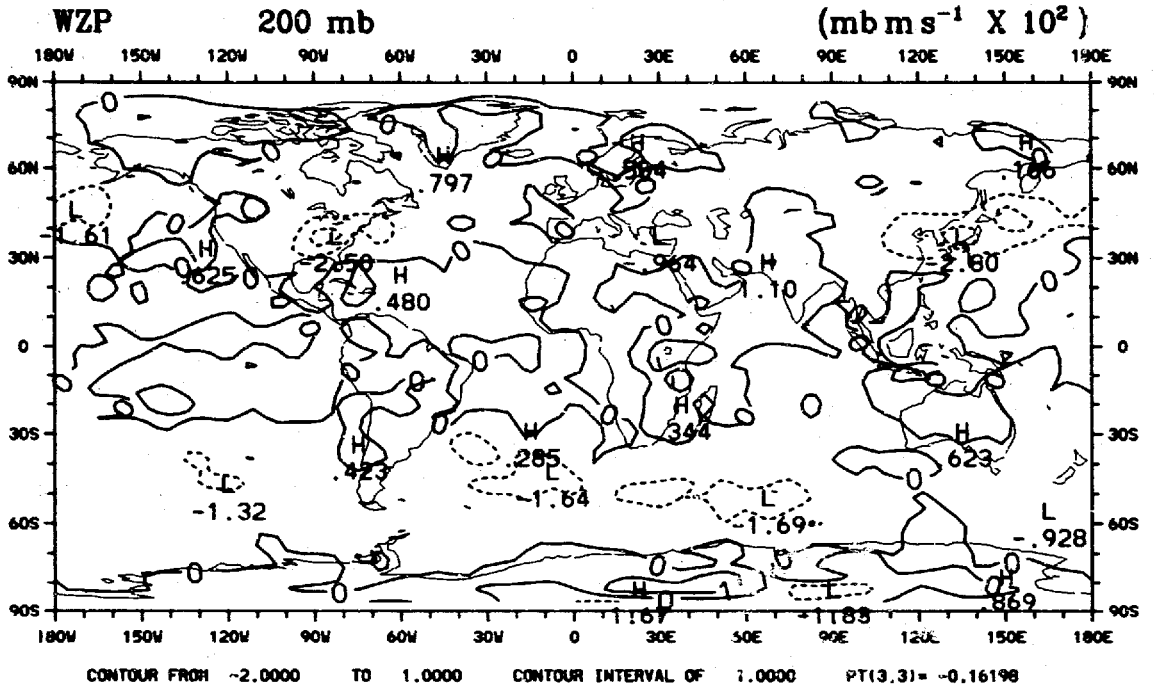

FRAME 1.72

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.73

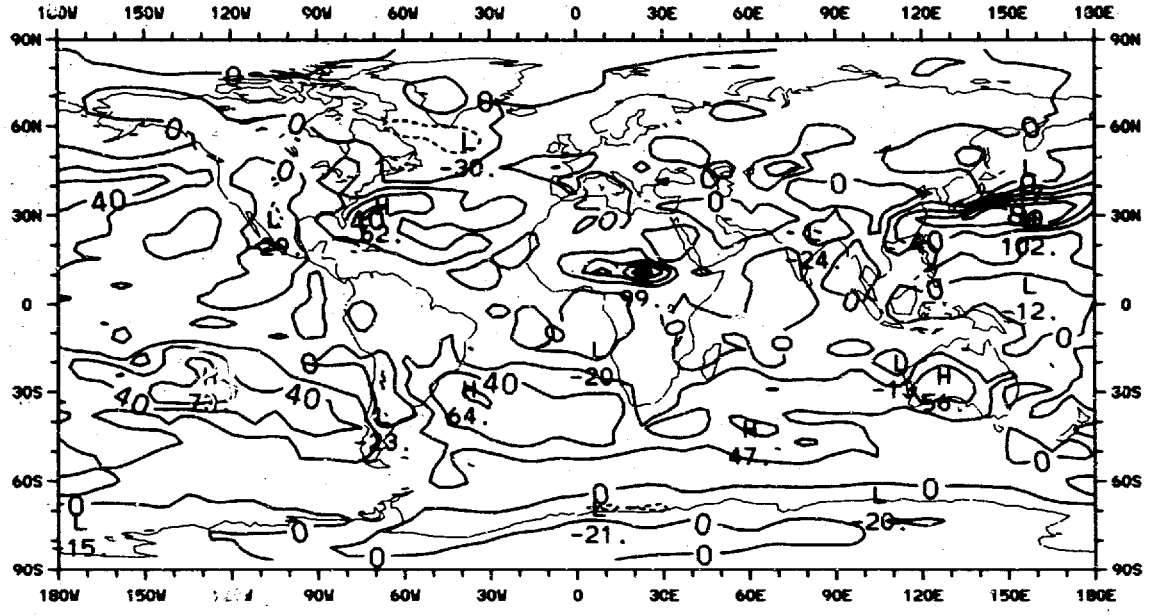
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.74

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

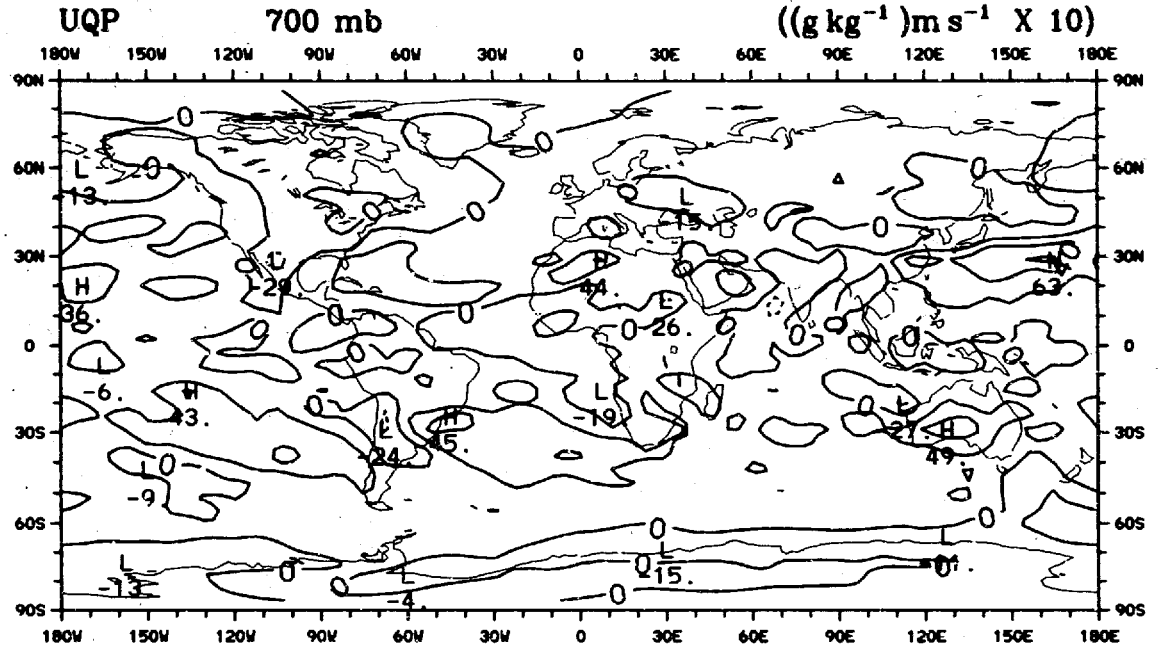
UQP 850 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)




CONTOUR FROM -0.20000E-02 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.96143E-03 LABELS SCALED BY 10000.

FRAME 1.75

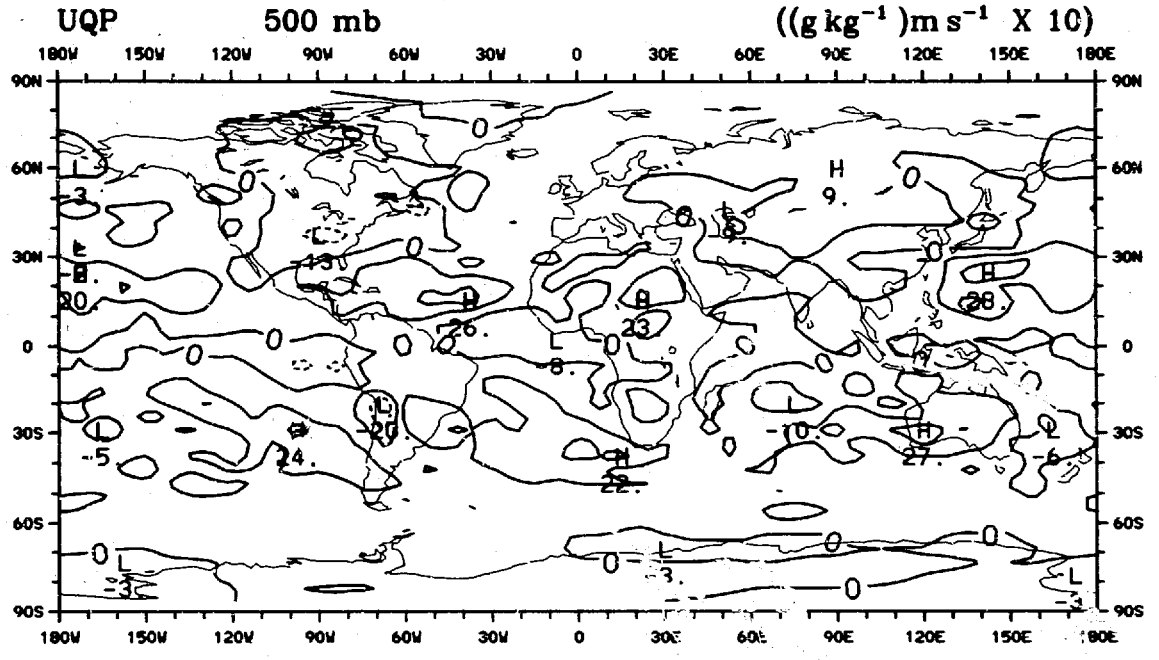
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.88035E-03 LABELS SCALED BY 10000.

FRAME 1.76

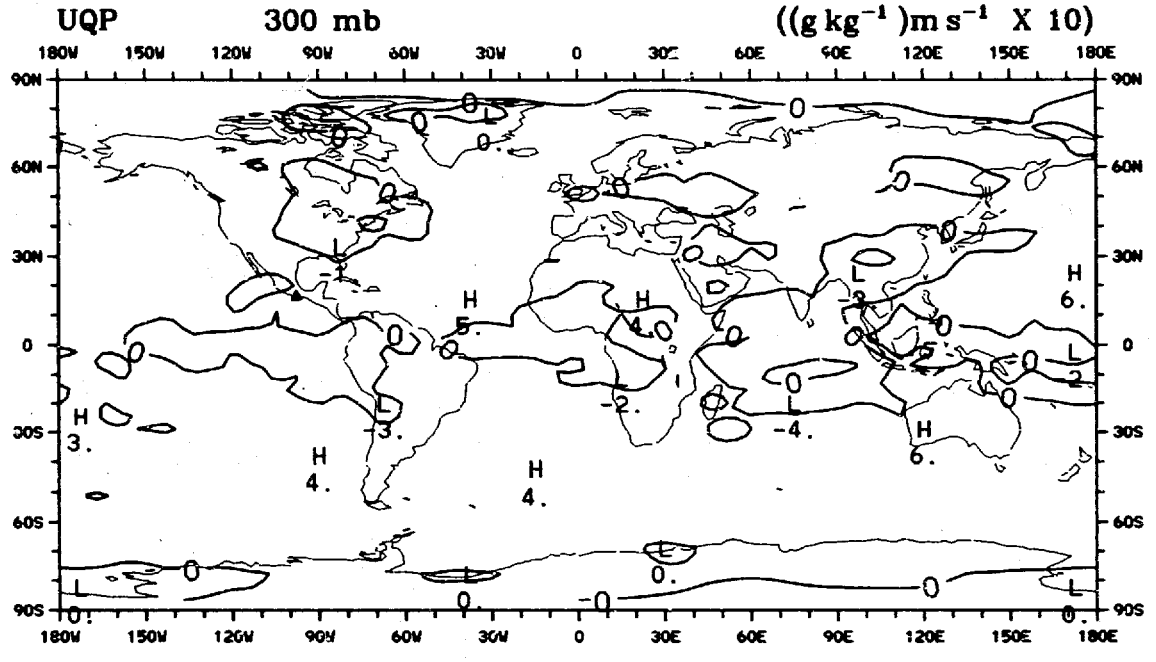
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(..3)= -0.2627JE-2 LABELS SCALED BY 10000.

FRAME 1.77

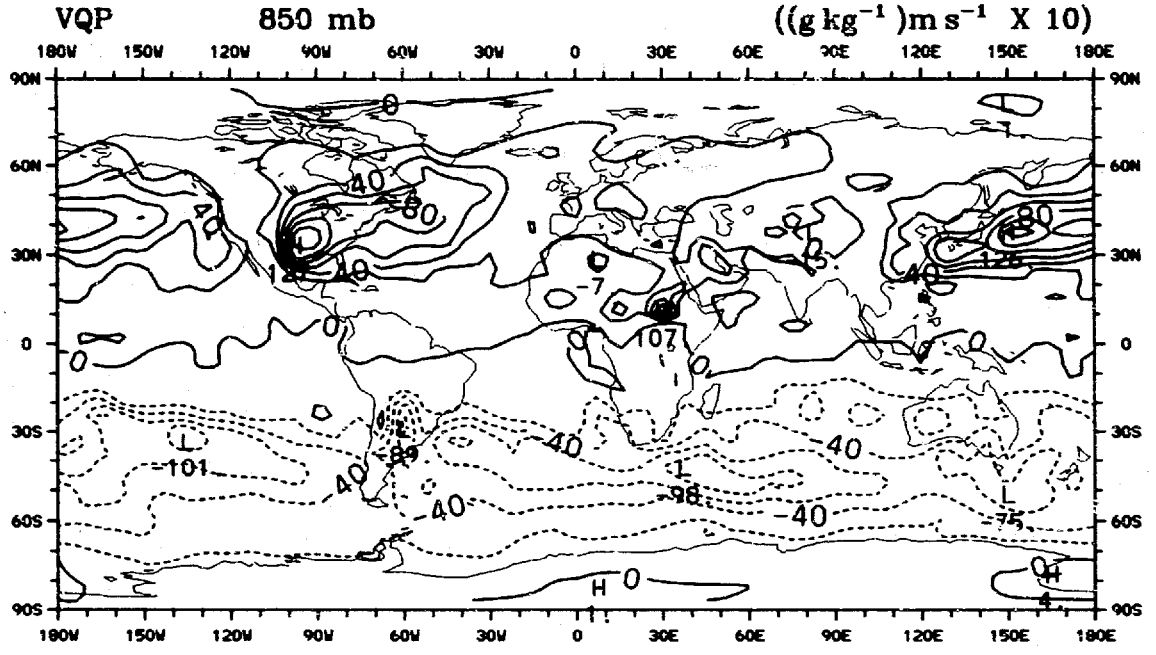
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.21483E-04 LABELS SCALED BY 10000.

FRAME 1.78

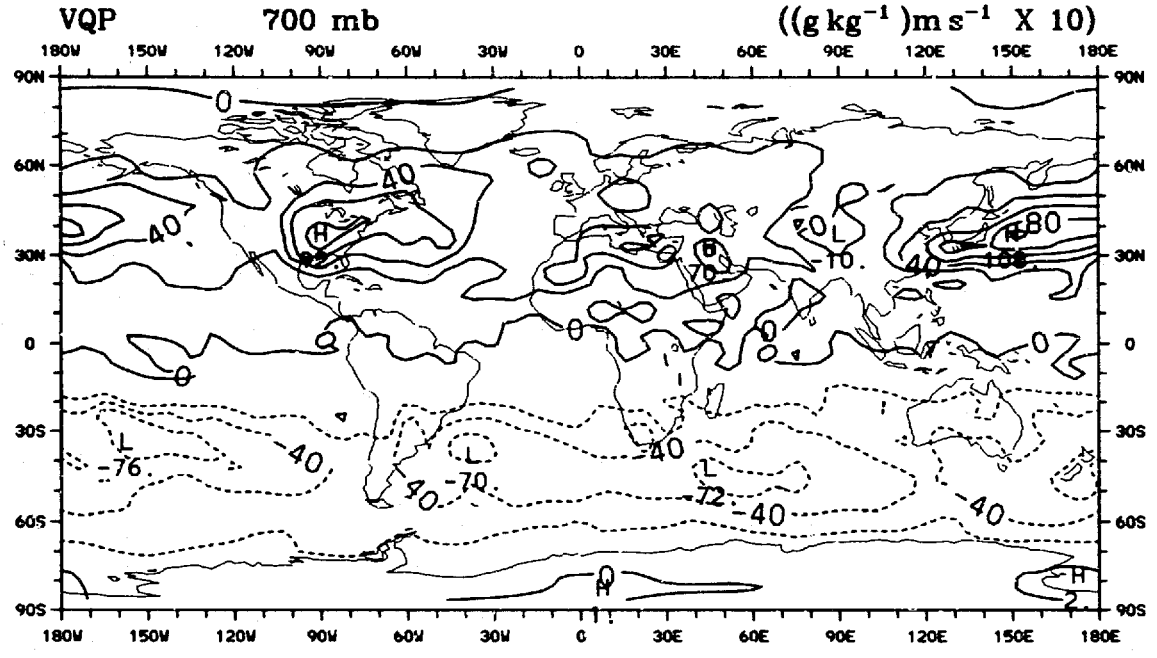
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-01 TO 0.12000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.38309E-03 LABELS SCALED BY 10000.

FRAME 1.79

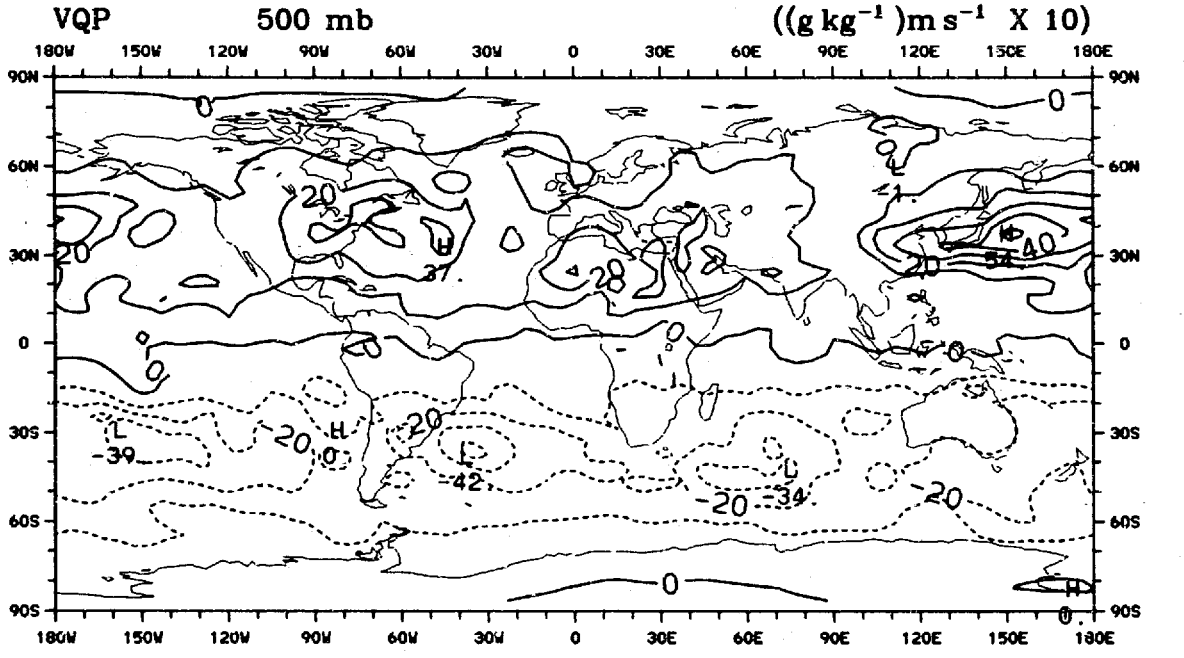
# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.60000E-02 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.28795E-03 LABELS SCALED BY 10000.

FRAME 1.80

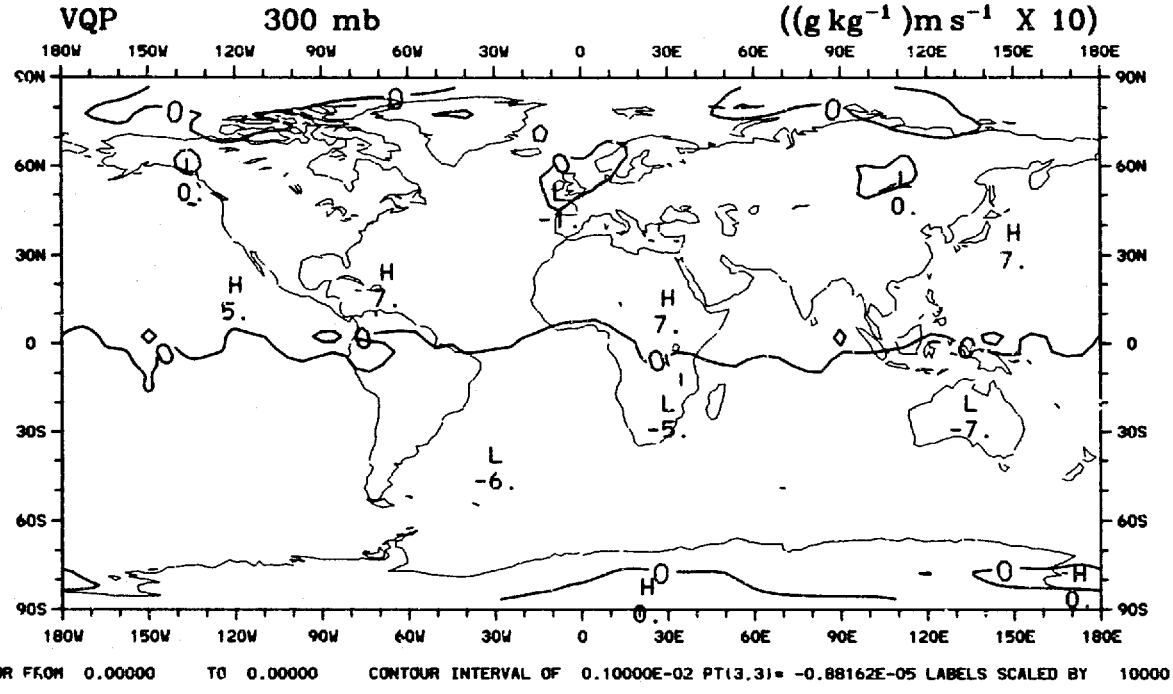
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.24811E-03 LABELS SCALED BY 10000.

FRAME 1.81

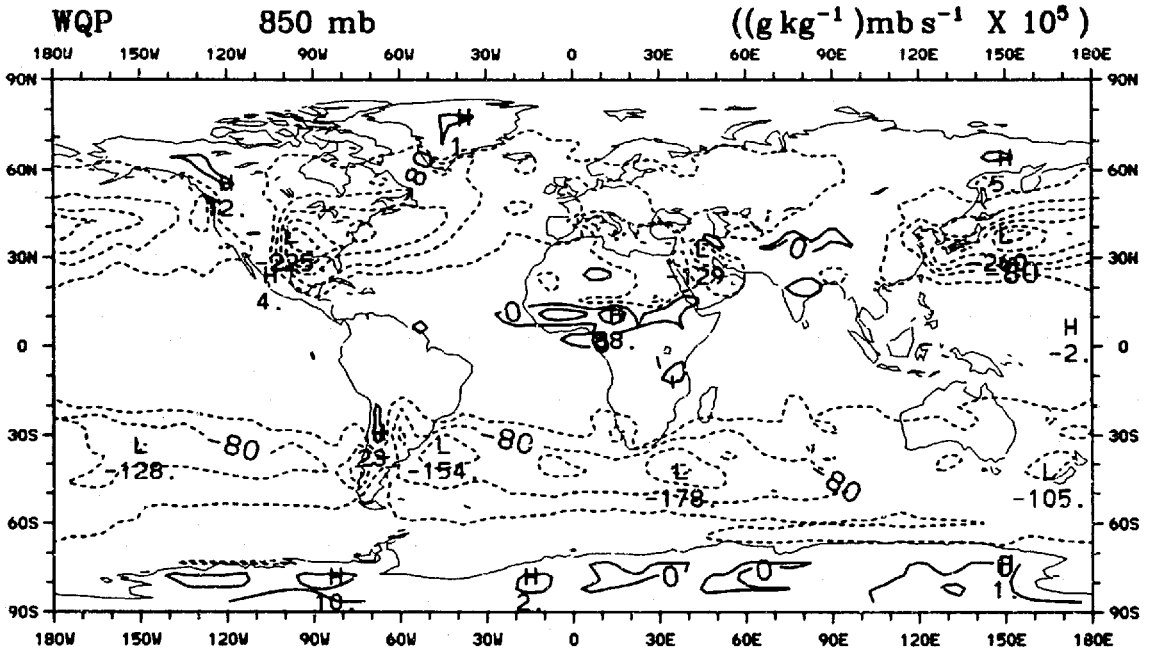
# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.88162E-05 LABELS SCALED BY 10000.

FRAME 1.82

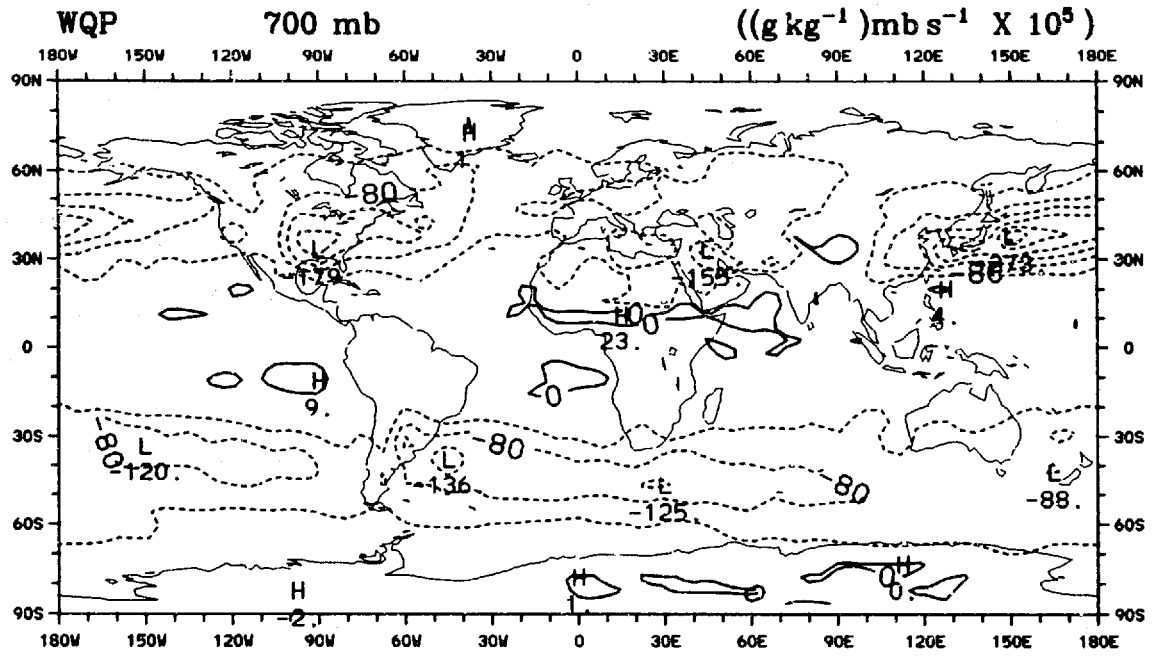
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.24000E-03 TO 0.80000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.85913E-05 LABELS SCALED BY 0.10000E+07

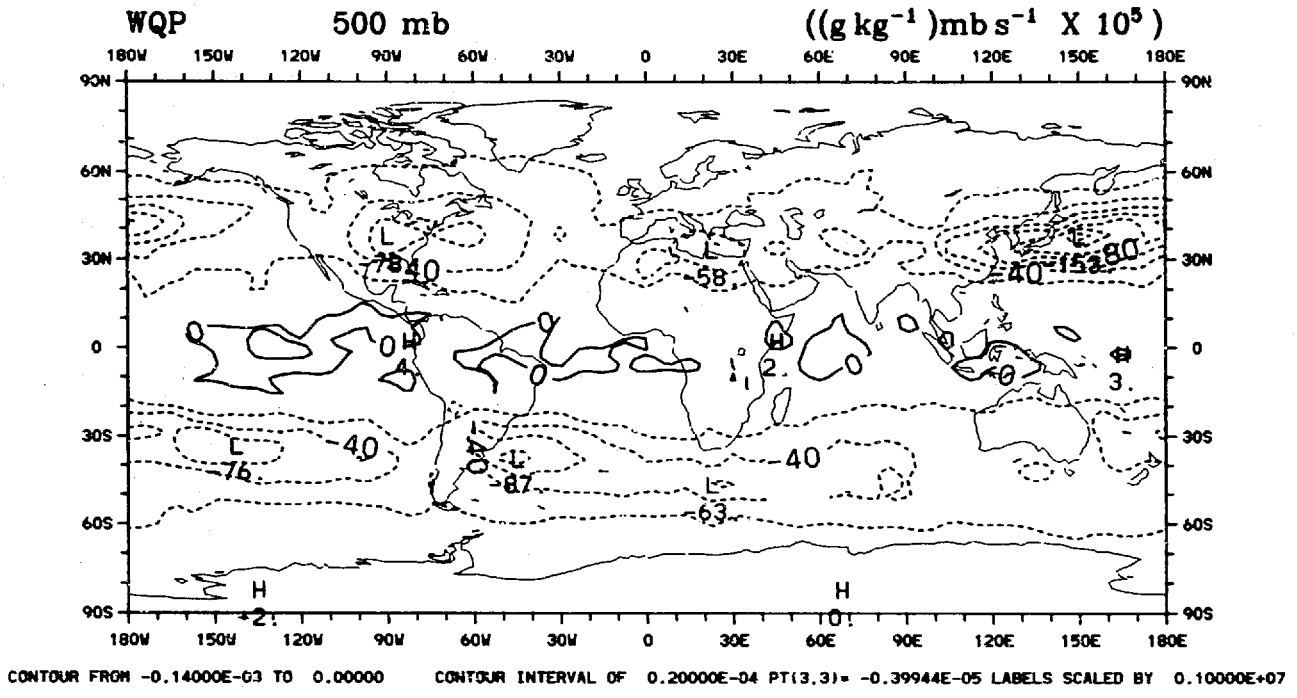
FRAME 1.83

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.84

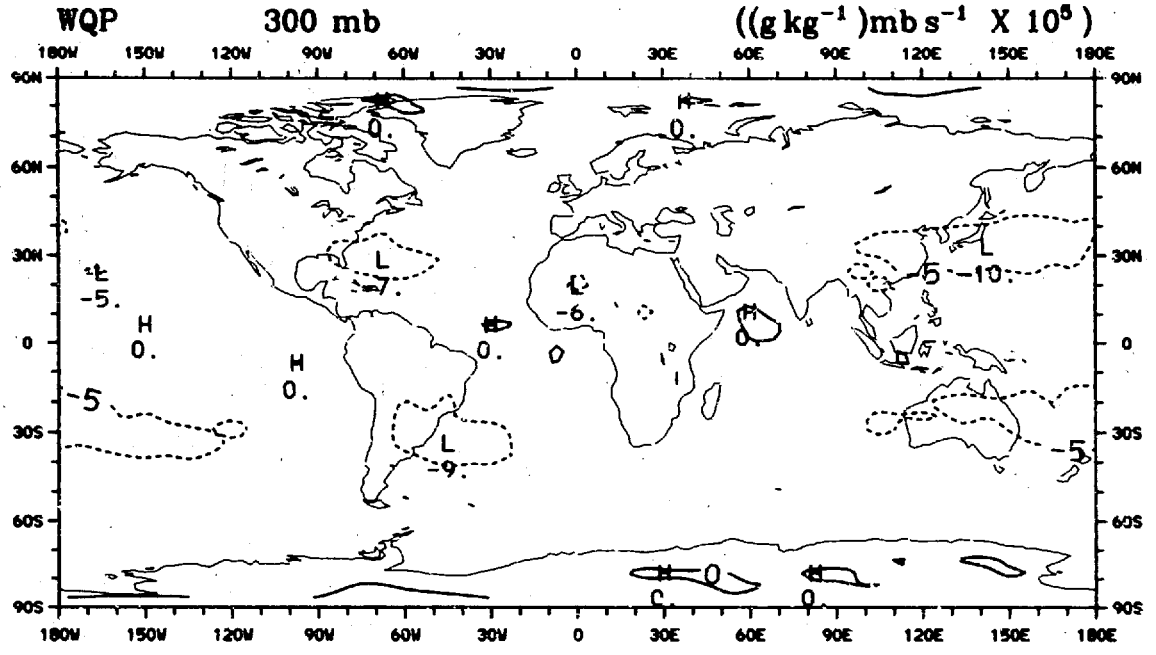
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.14000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.39944E-05 LABELS SCALED BY 0.10000E+07

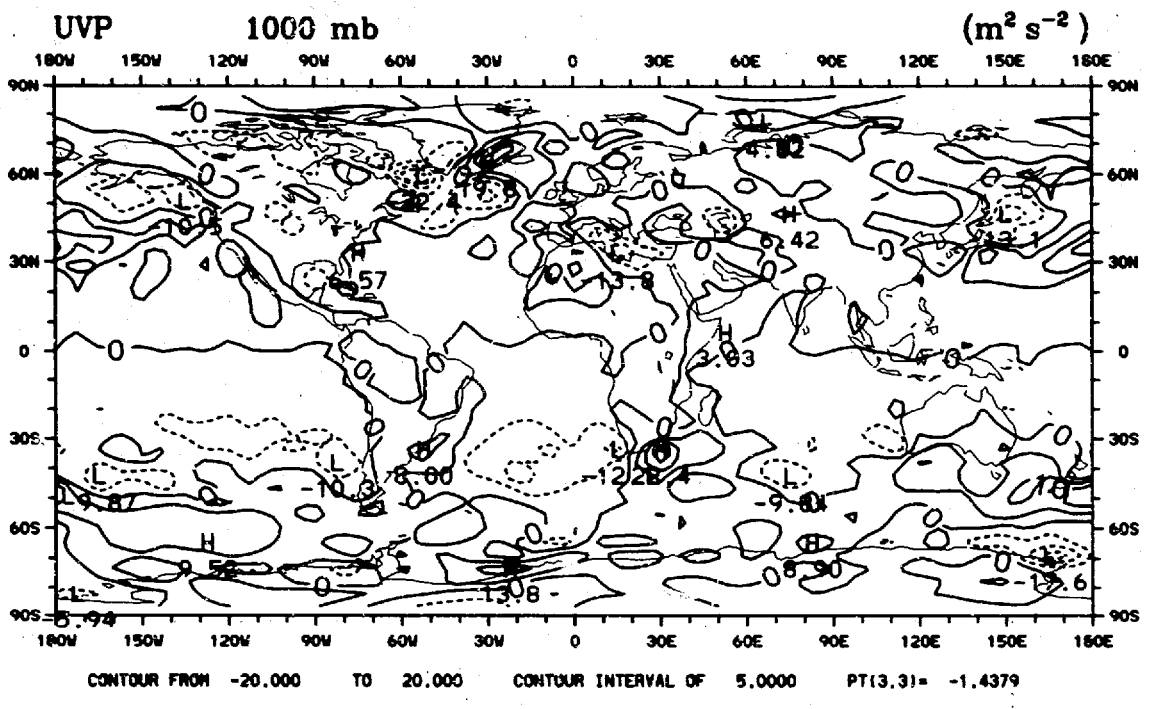
FRAME 1.85

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



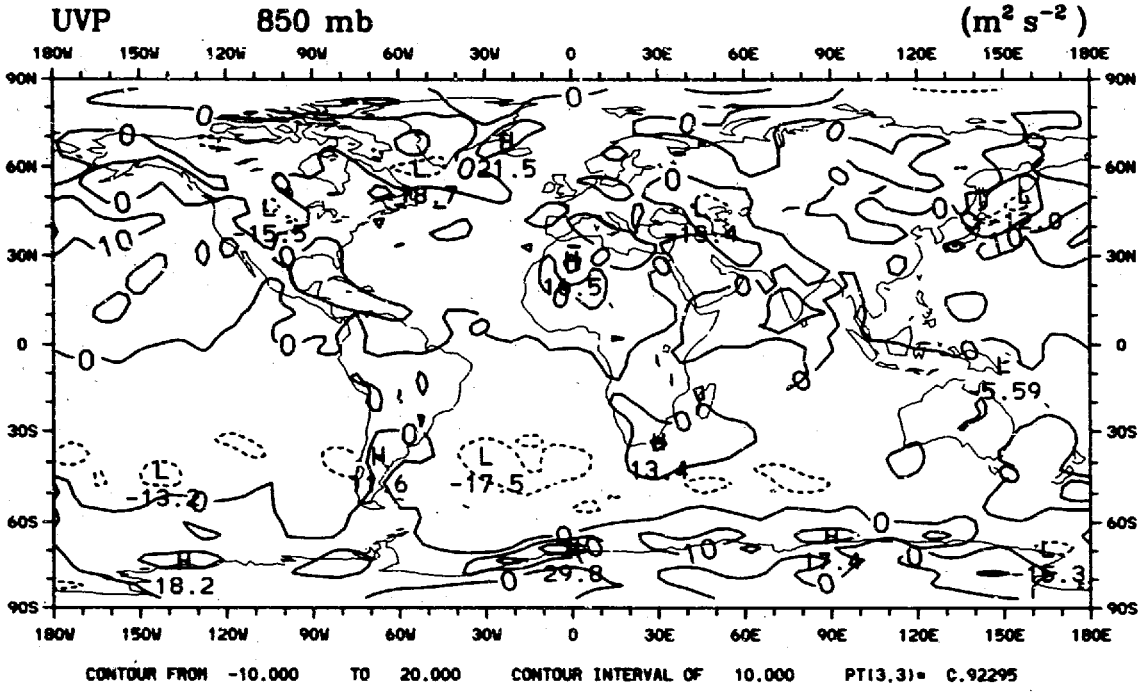

CONTOUR FROM -0.50000E-05 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.48543E-07 LABELS SCALED BY 0.10000E+07

FRAME 1.86


EC R15 APRIL (ENSEMBLE AVERAGE 1978-1986)
UVP
1000 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -1.4379

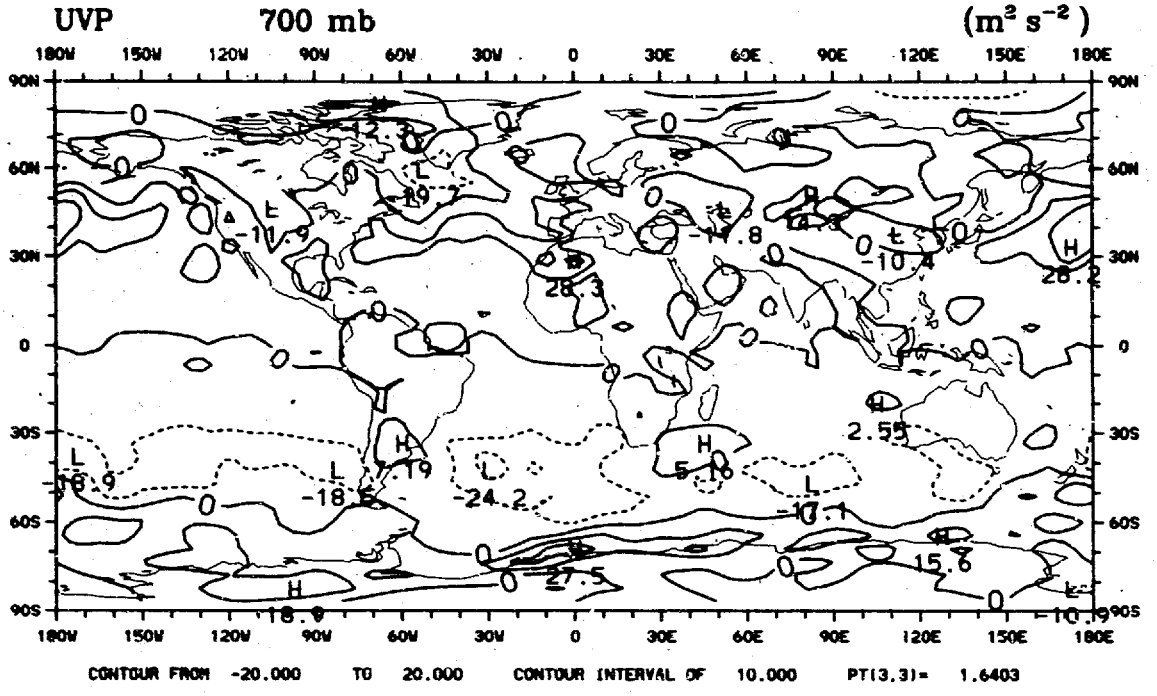
FRAME 1.87

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



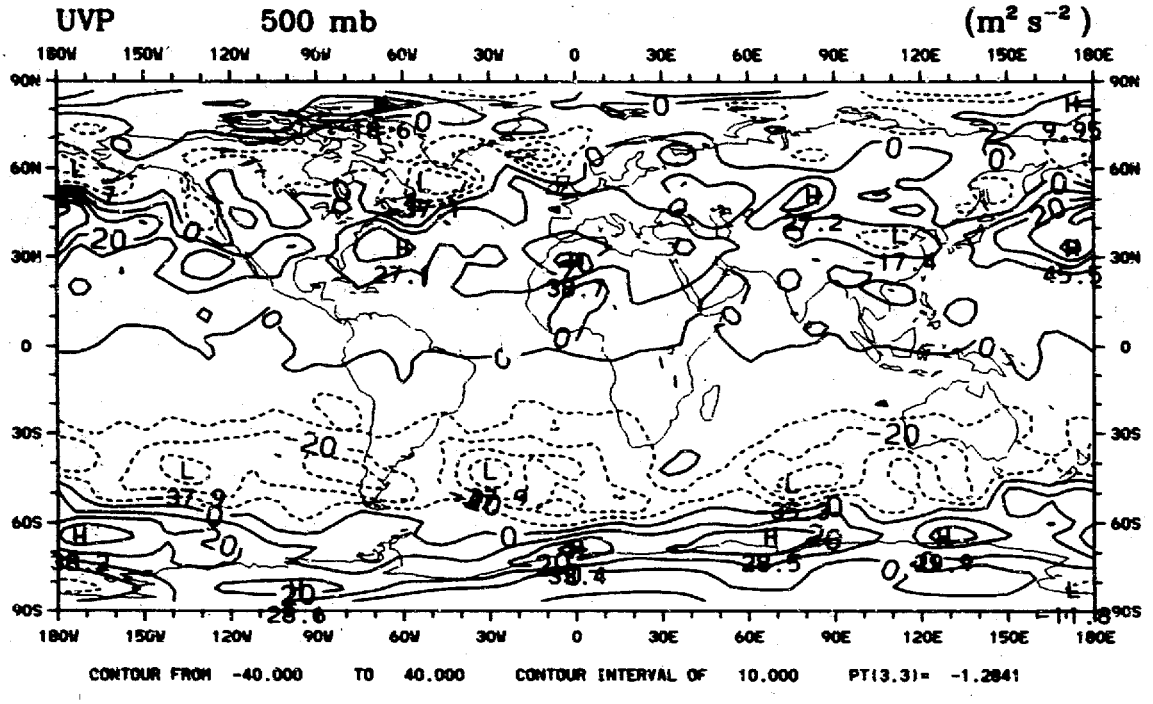

FRAME 1.88

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



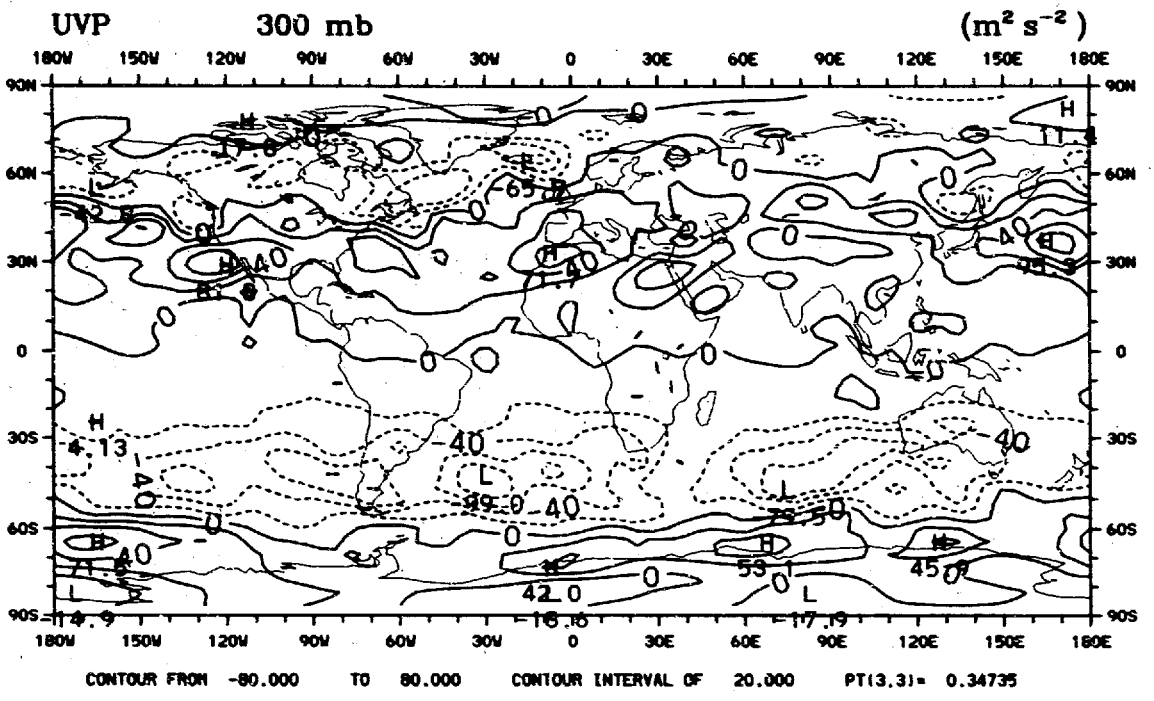

FRAME 1.89

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



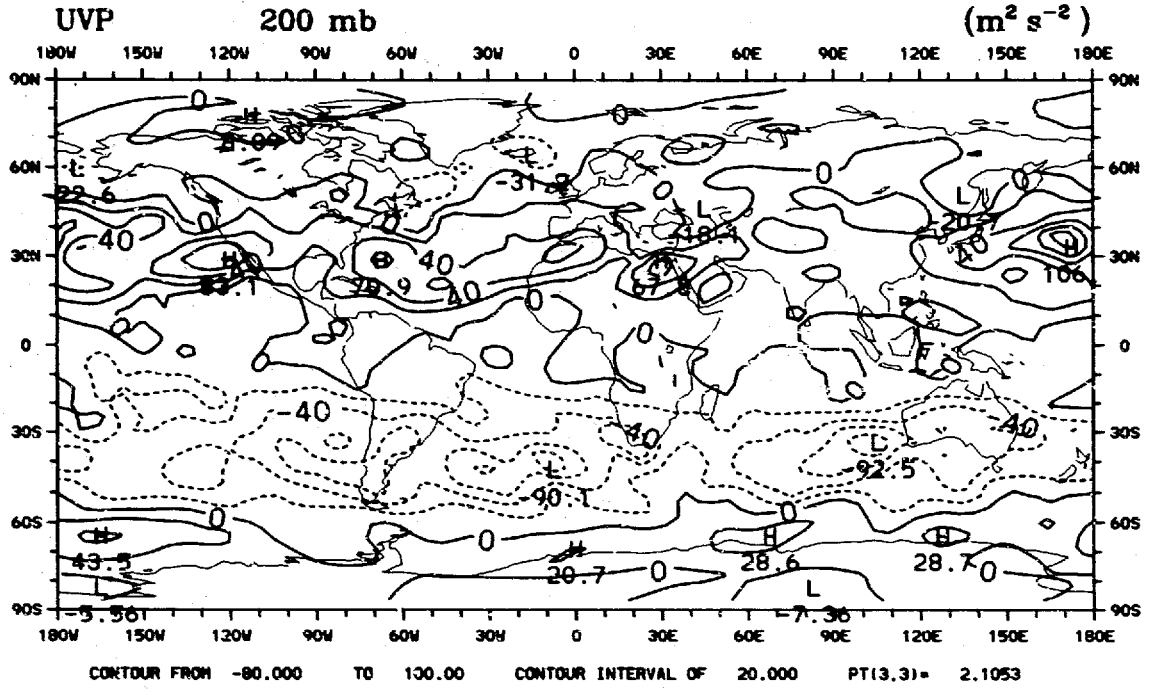

FRAME 1.90

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



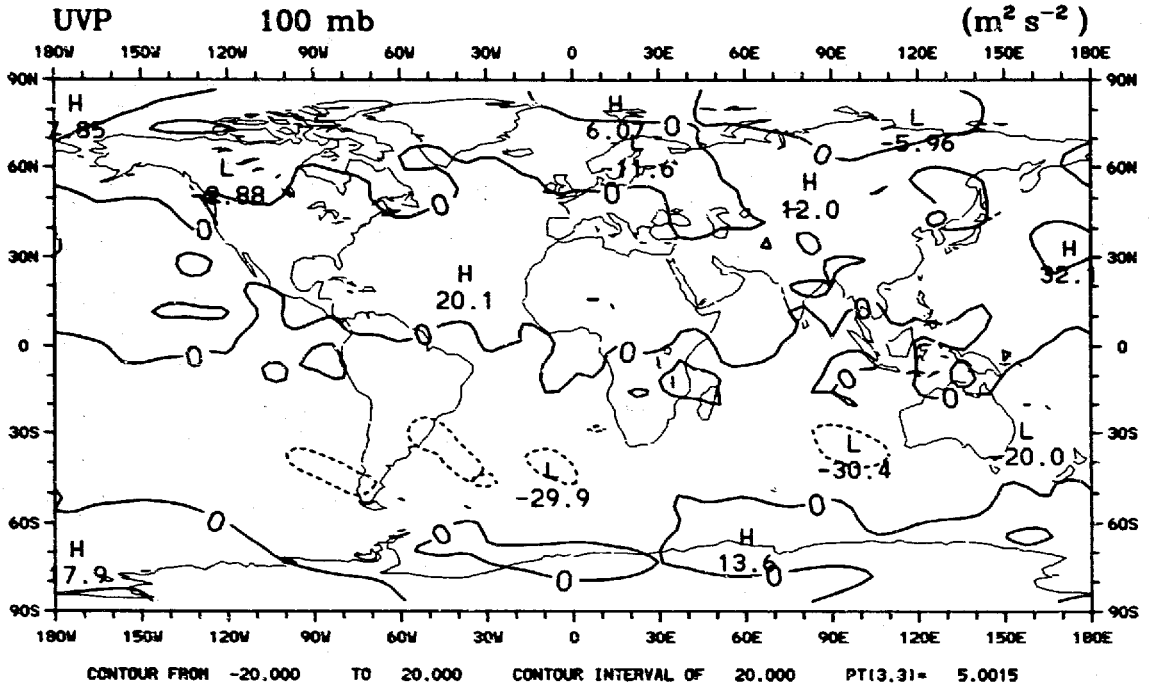

FRAME 1.91

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



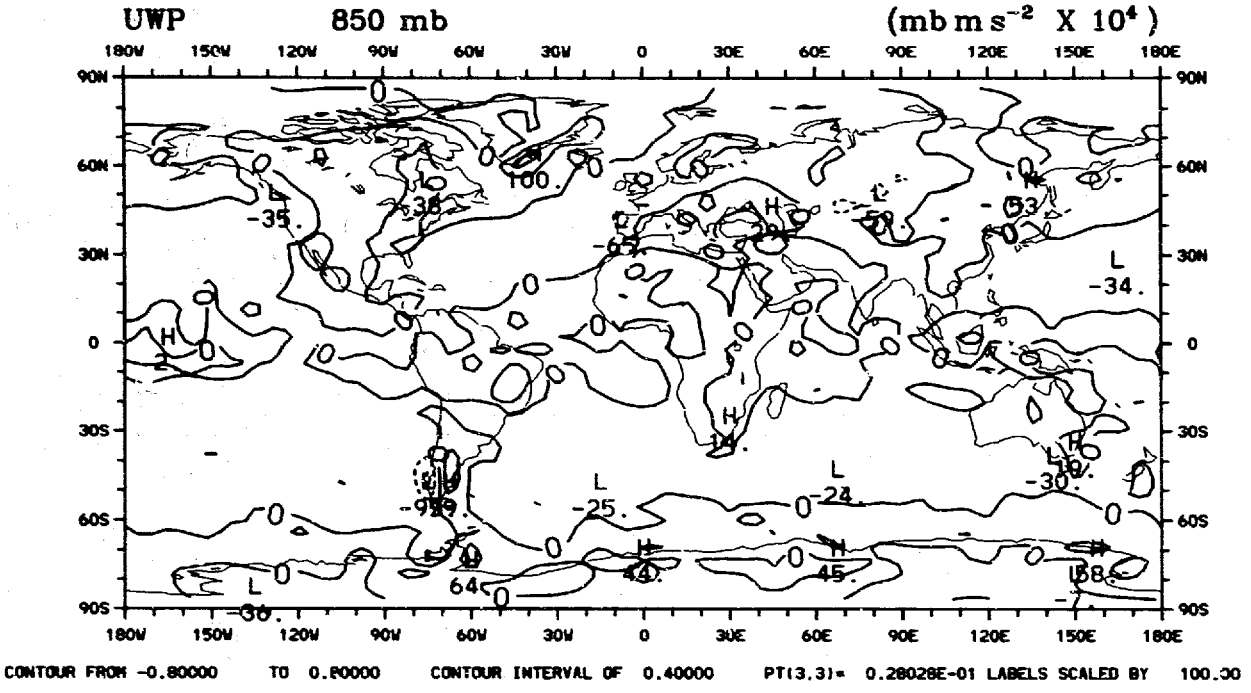

FRAME 1.92

## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



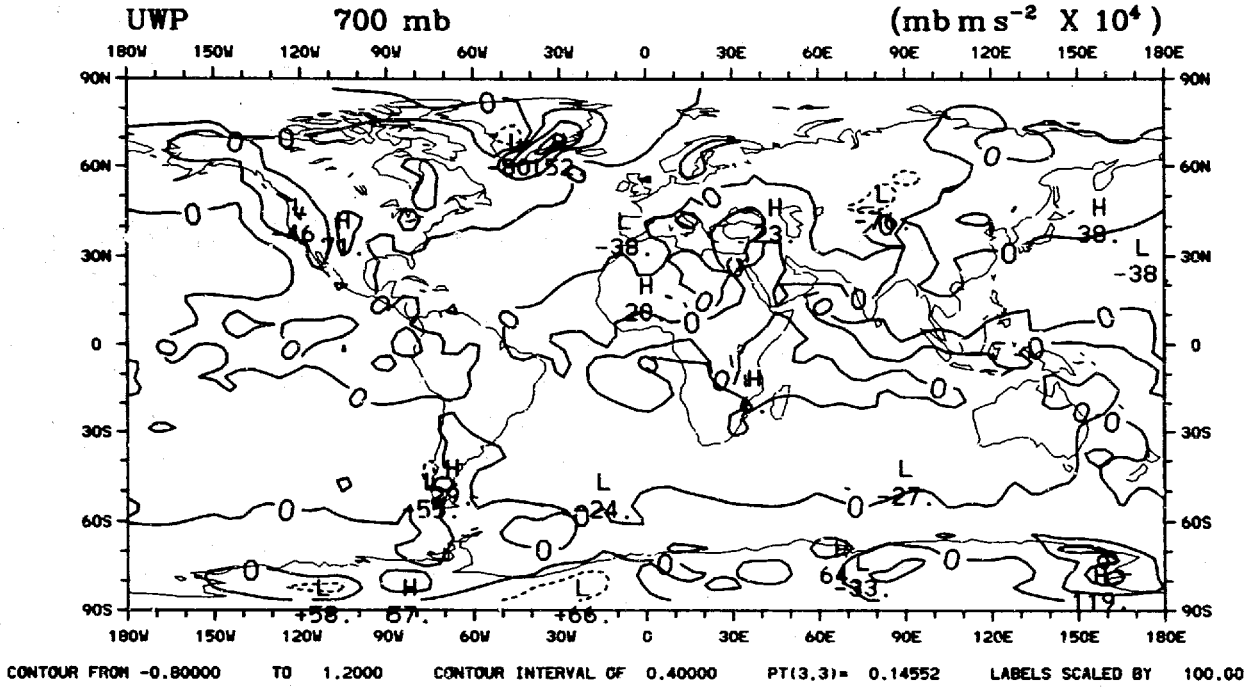

FRAME 1.93

# EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



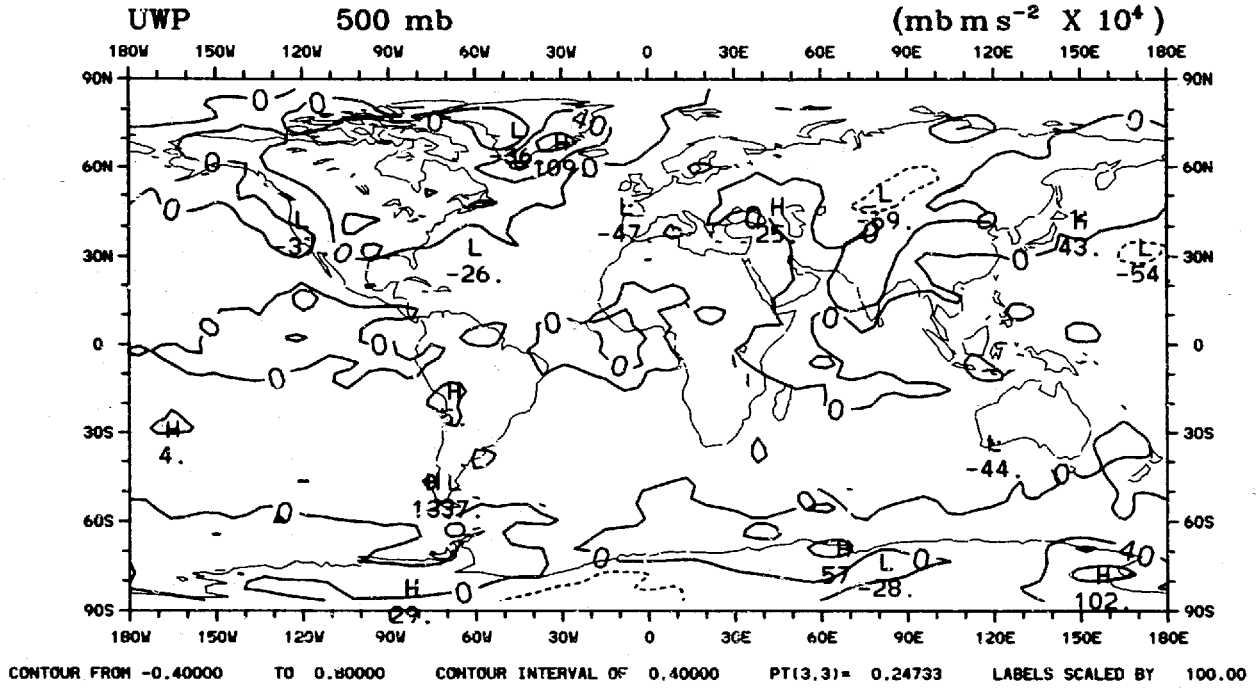

FRAME 1.94

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



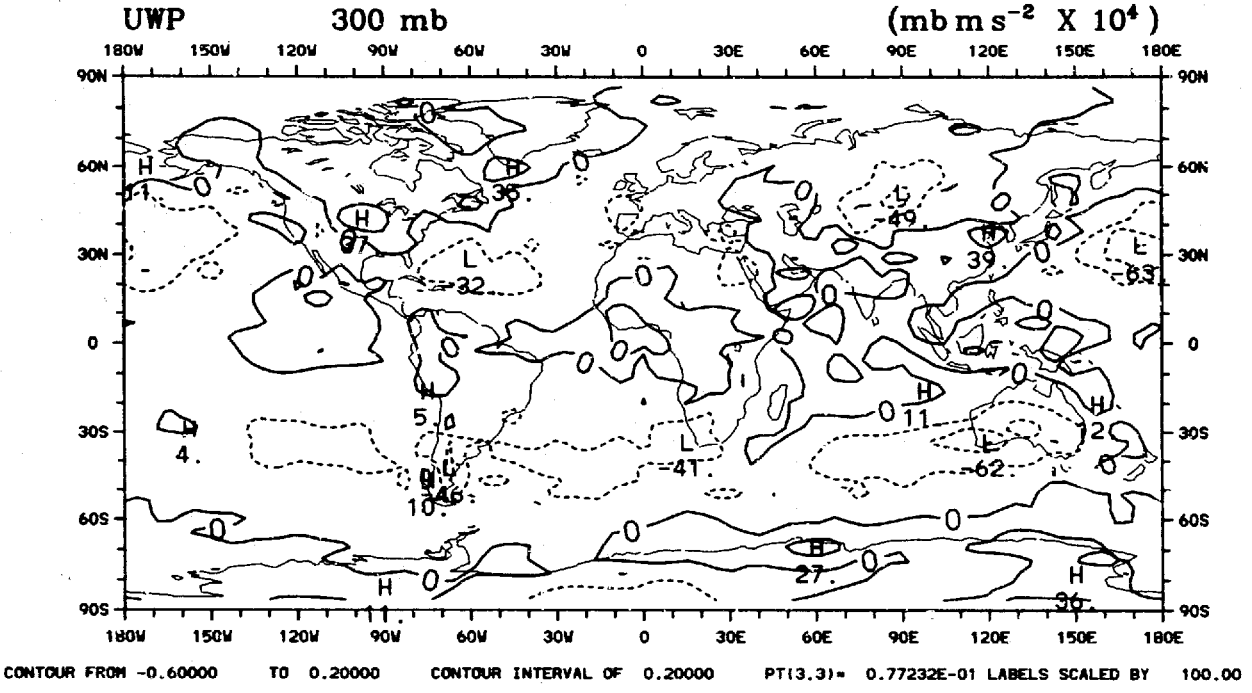

FRAME 1.95

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



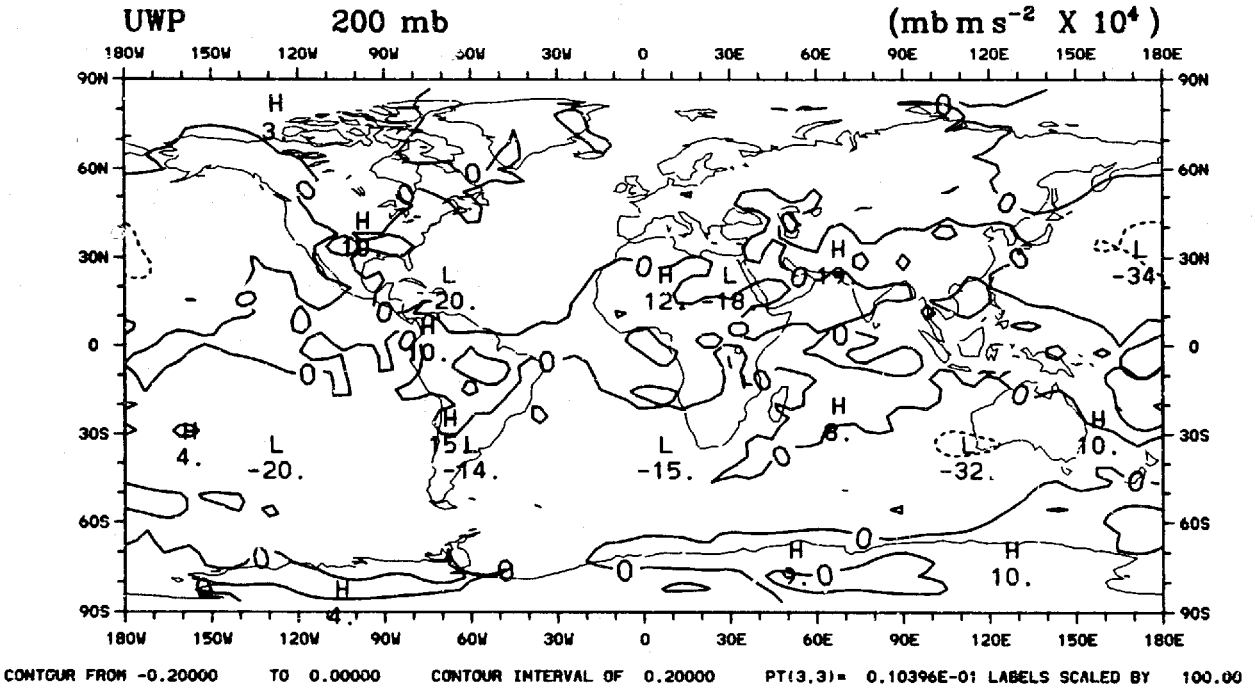

FRAME 1.96

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.97

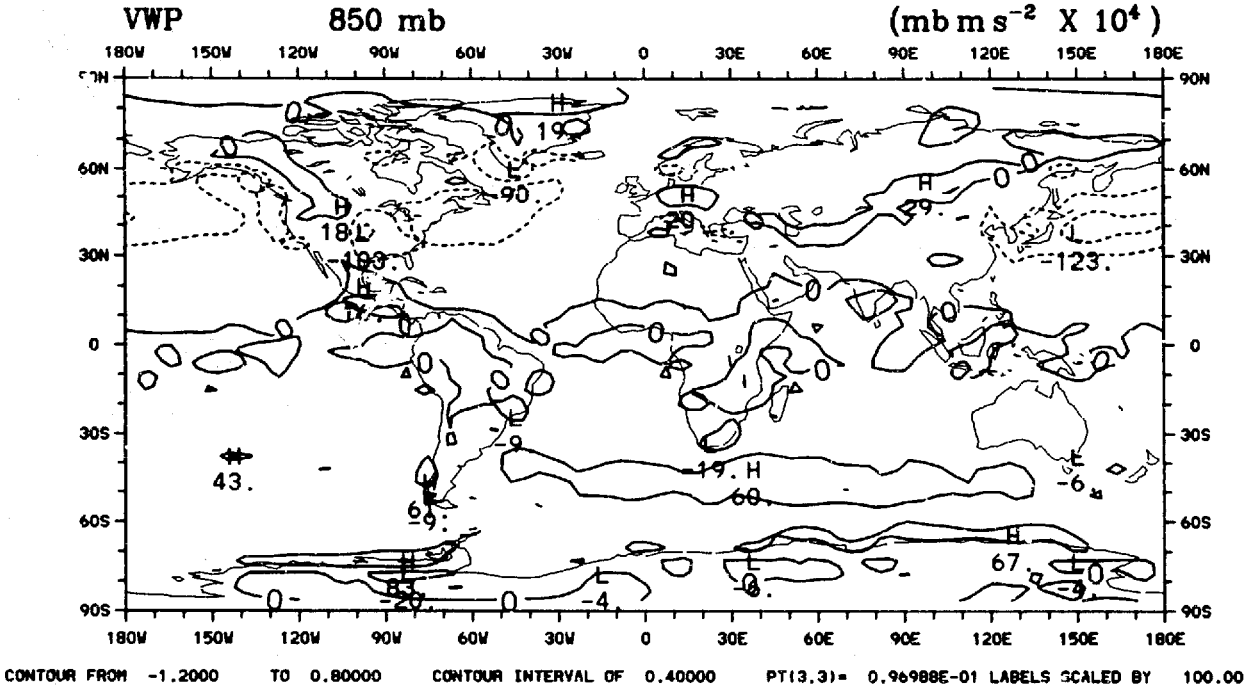
## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.10396E-01 LABELS SCALED BY 100.00

FRAME 1.98

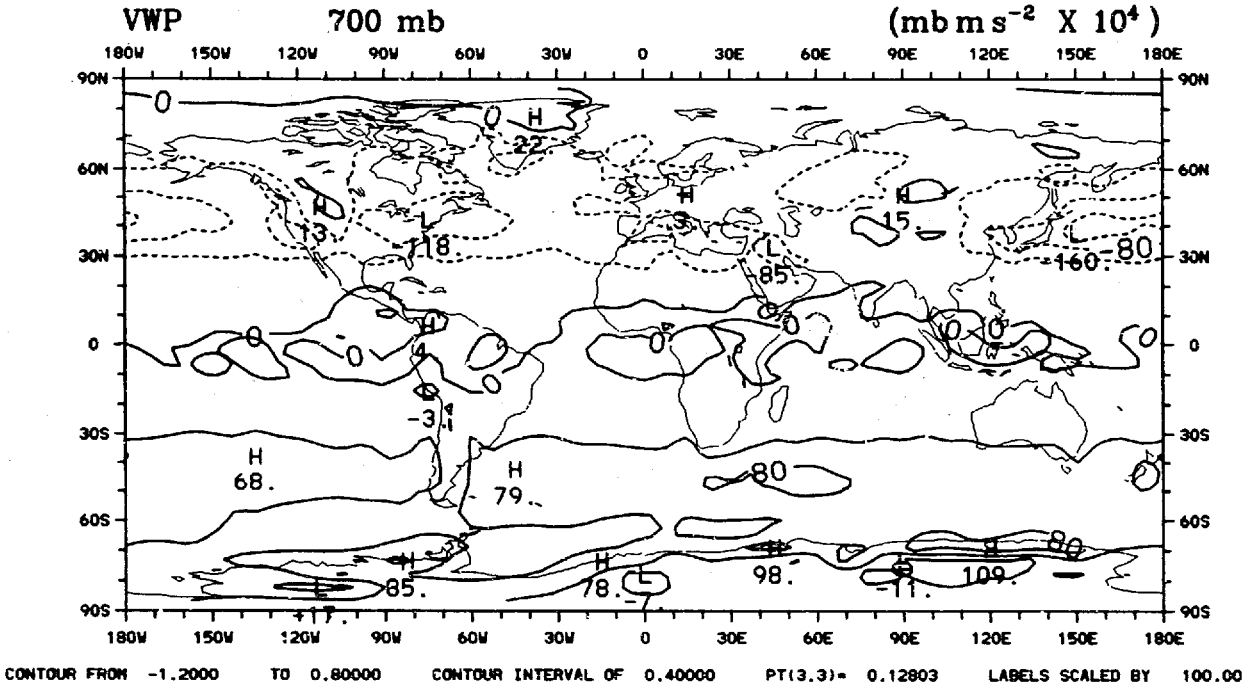
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -1.2000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.96988E-01 LABELS SCALED BY 100.00

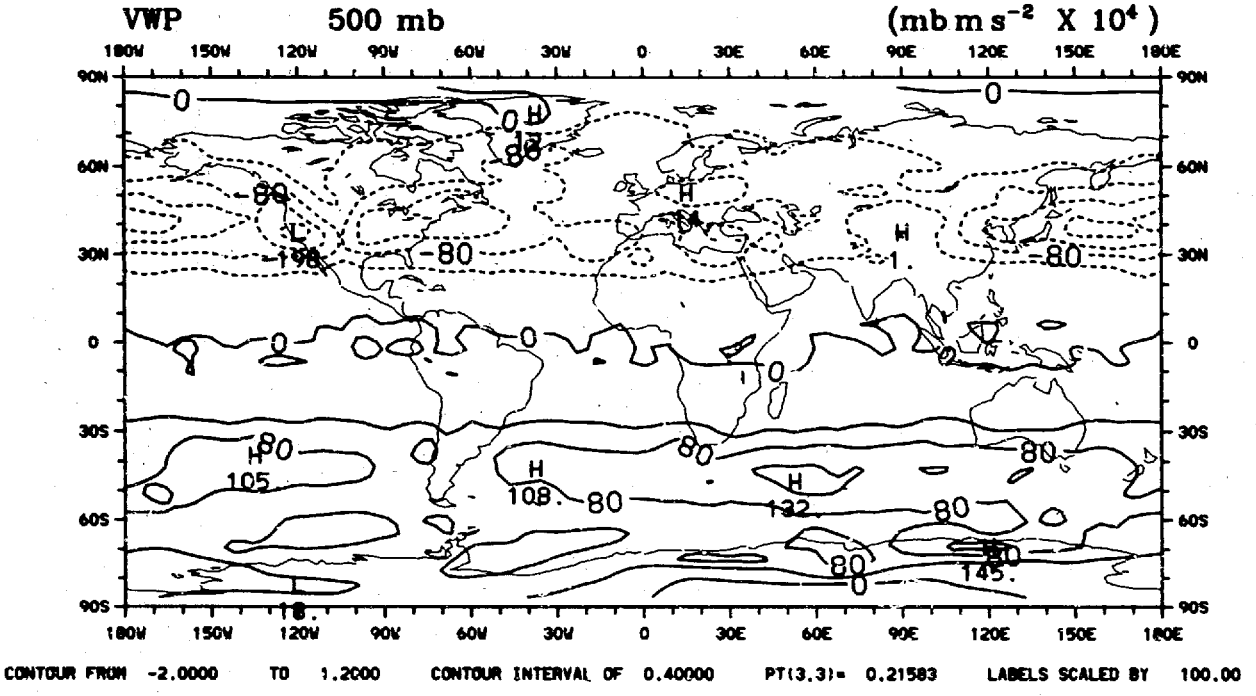
FRAME 1.99

## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.100

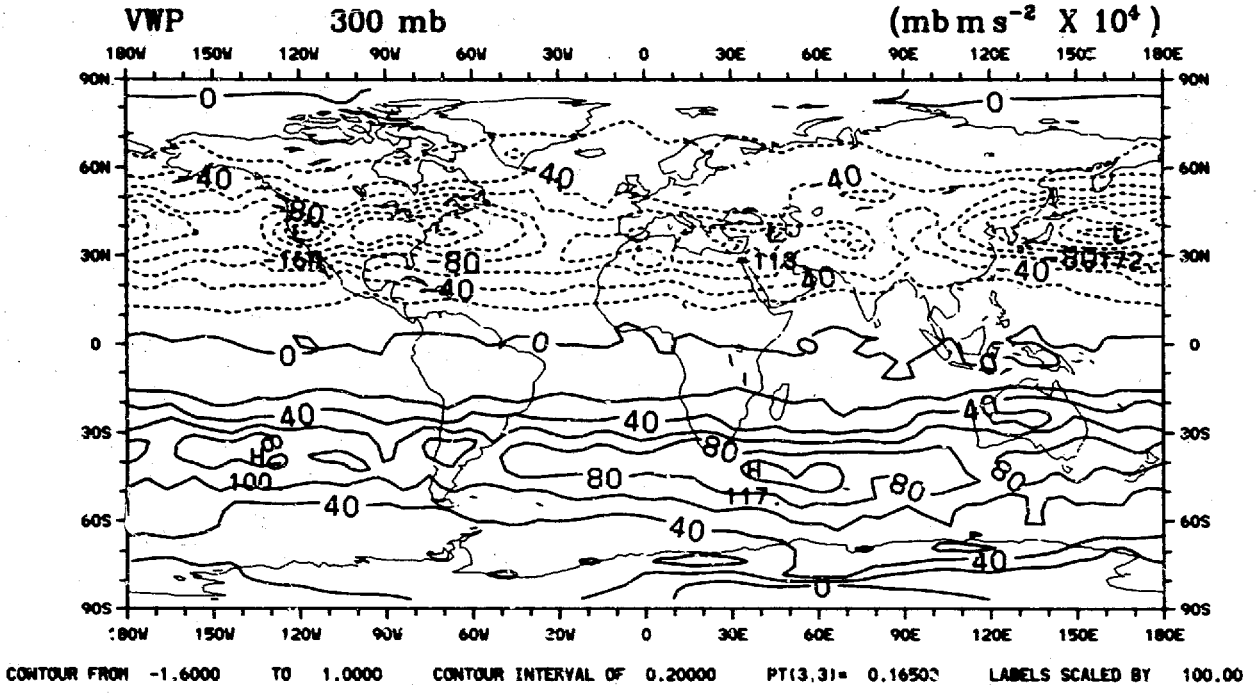
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -2.0000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.21583 LABELS SCALED BY 100.00

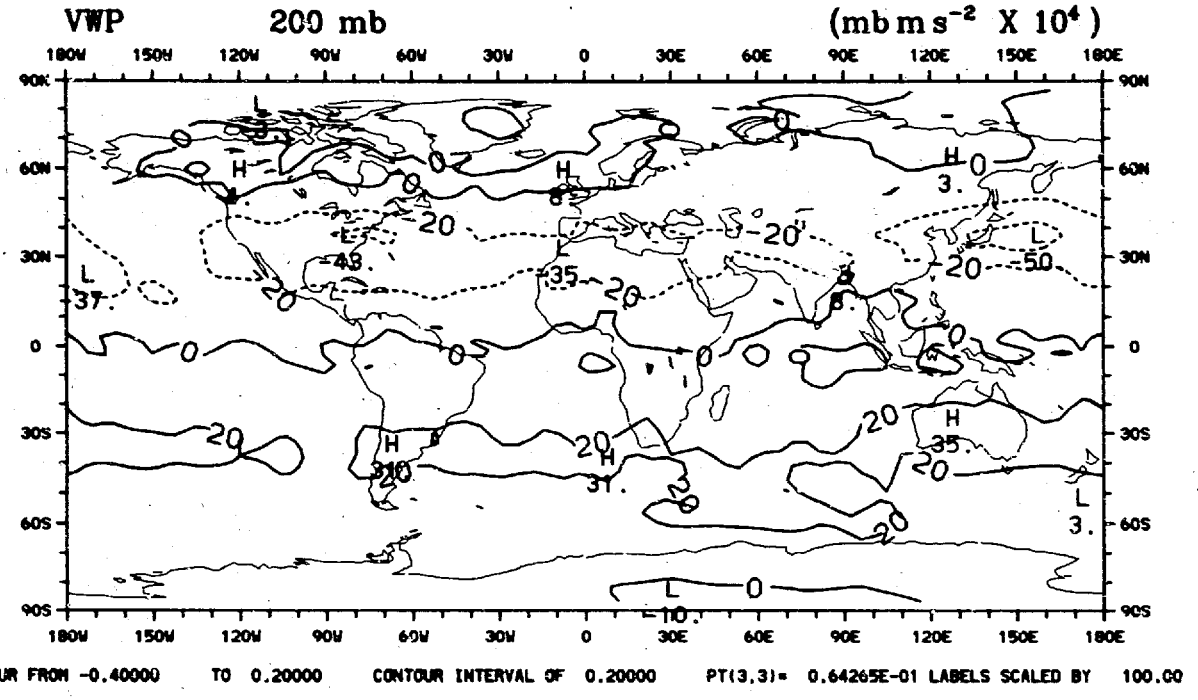
FRAME 1.101

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



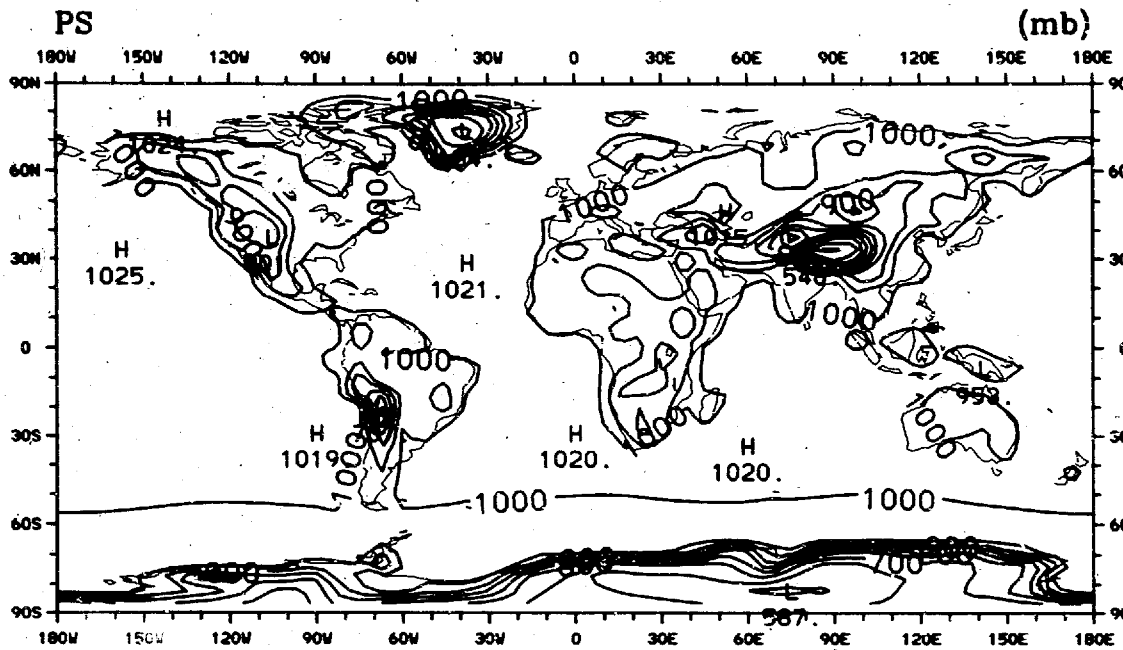

FRAME 1.102

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.103

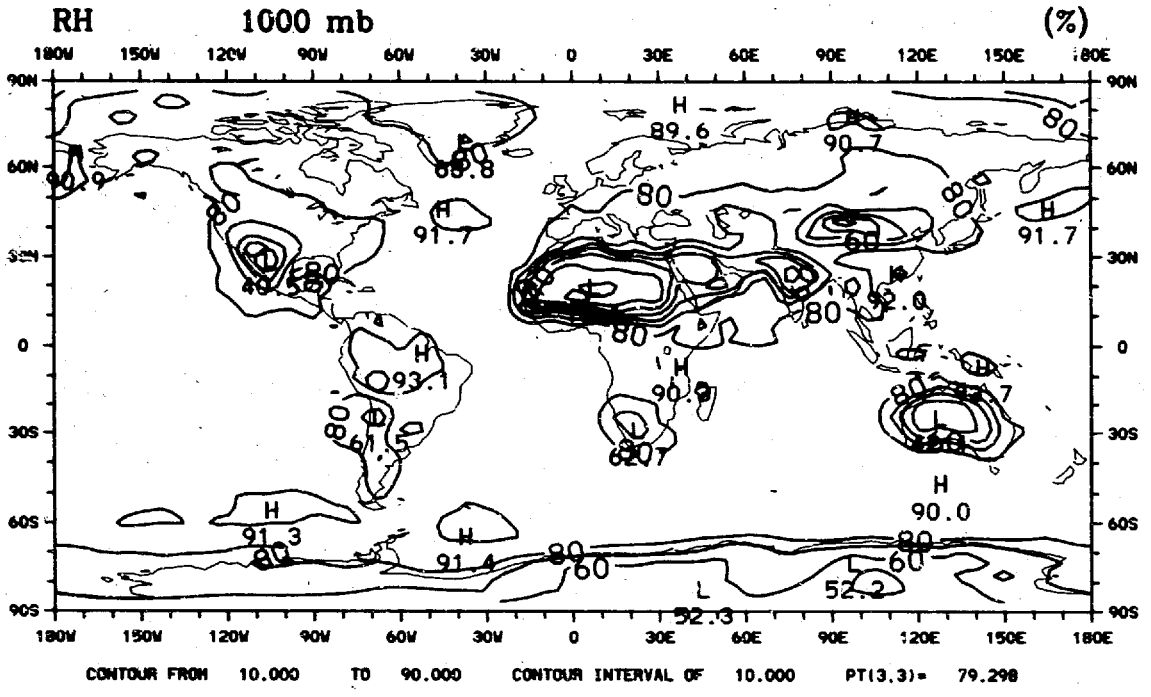
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 98023. LABELS SCALED BY 0.10000E-01

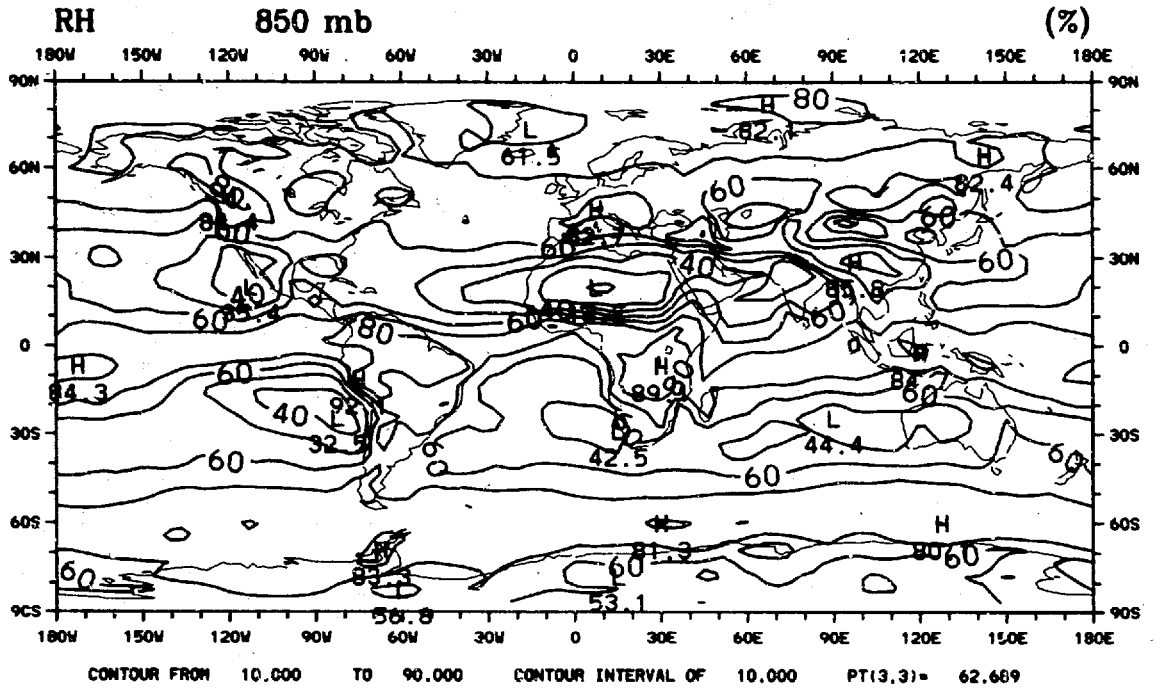
FRAME 1.104

EC R15 APRIL (ENSEMBLE AVERAGE 1979--1986)



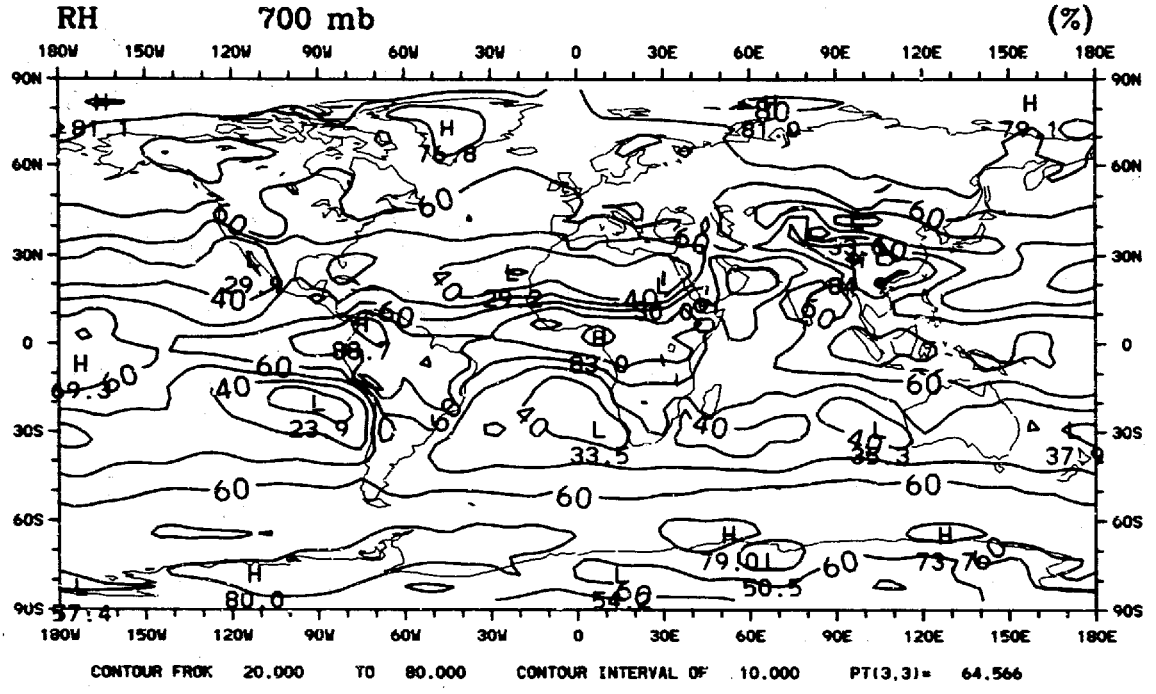

FRAME 1.105

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



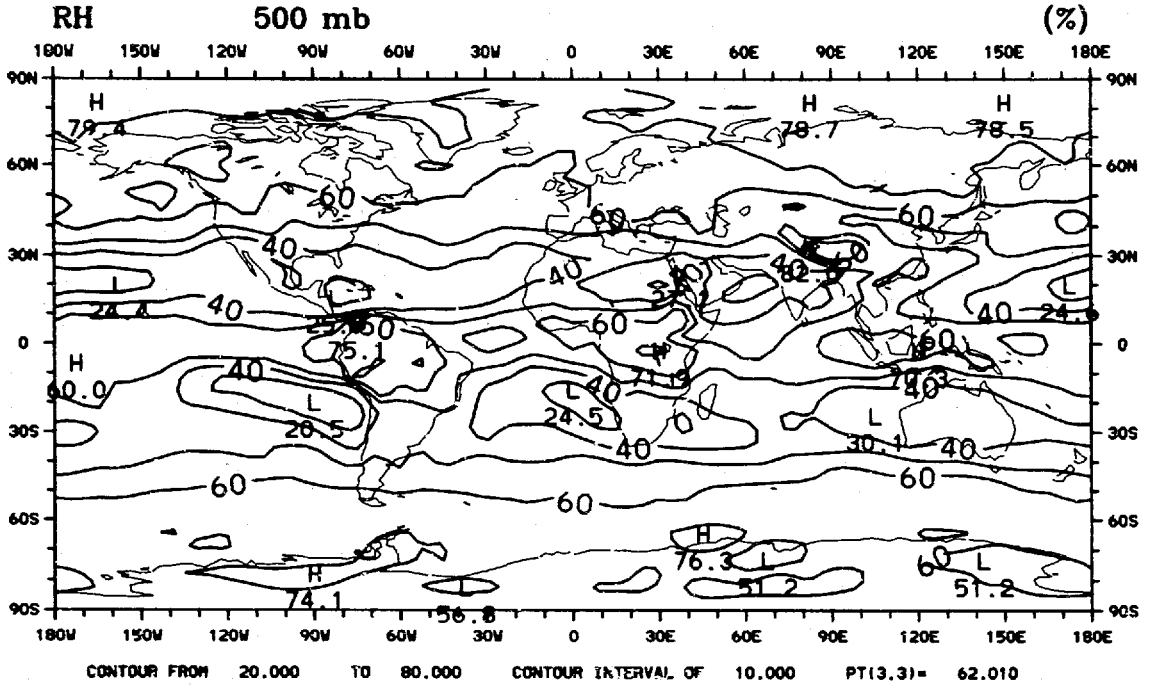

FRAME 1.106

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



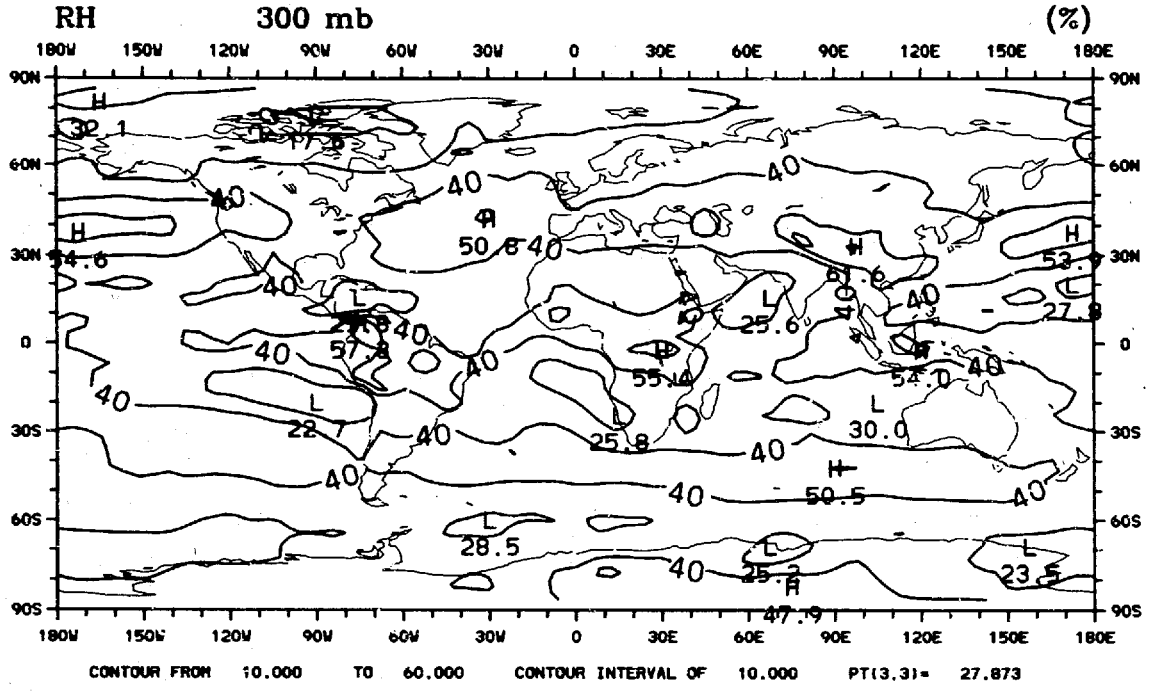

FRAME 1.107

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

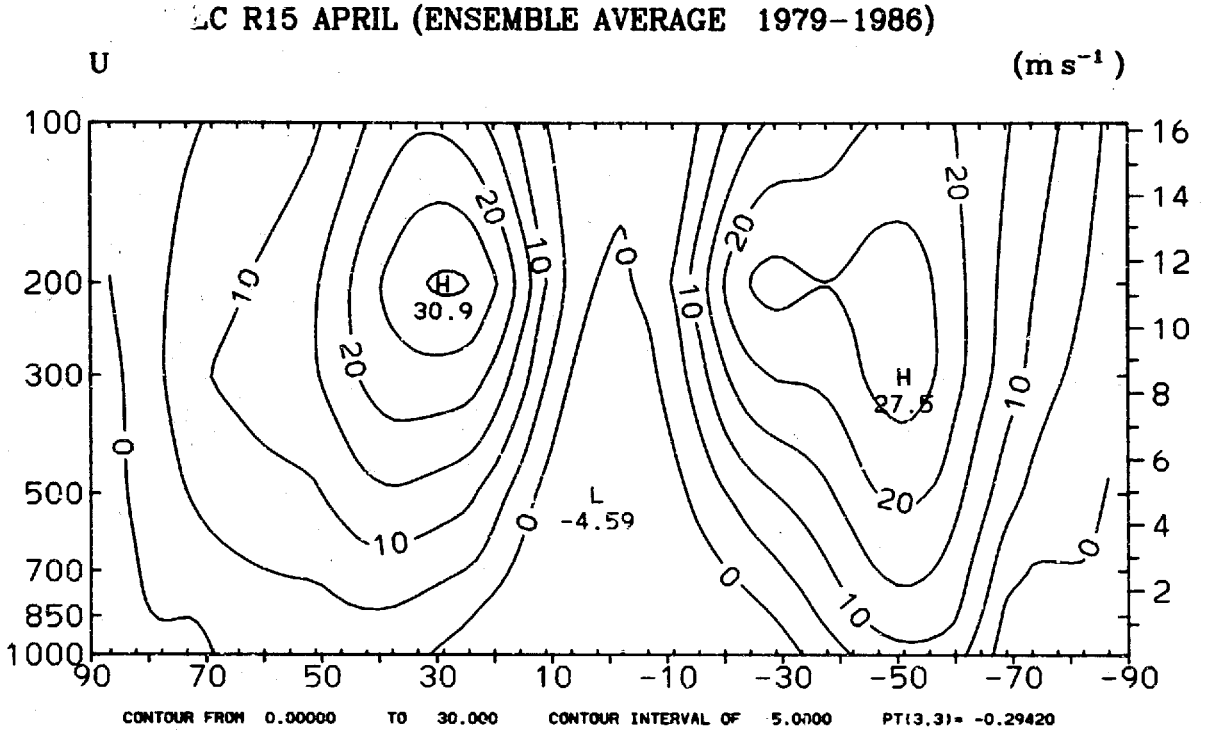



FRAME 1.108

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



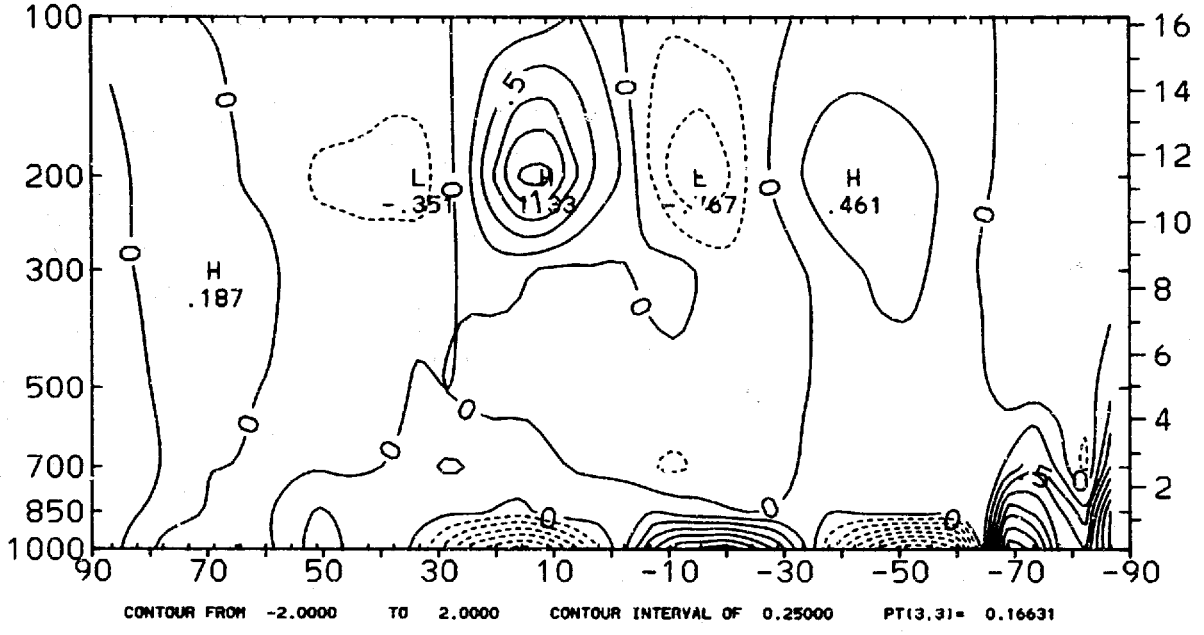

FRAME 1.109


LC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
U
(m s-1)
100
200
300
500
700
850
1000
16
14
12
10
8
6
4
2
90
70
50
30
10
-10
-30
-50
-70
-90
H
30.9
H
27.5
L
-4.59
CONTOUR FROM 0.00000 TO 30.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -0.29420

FRAME 1.110

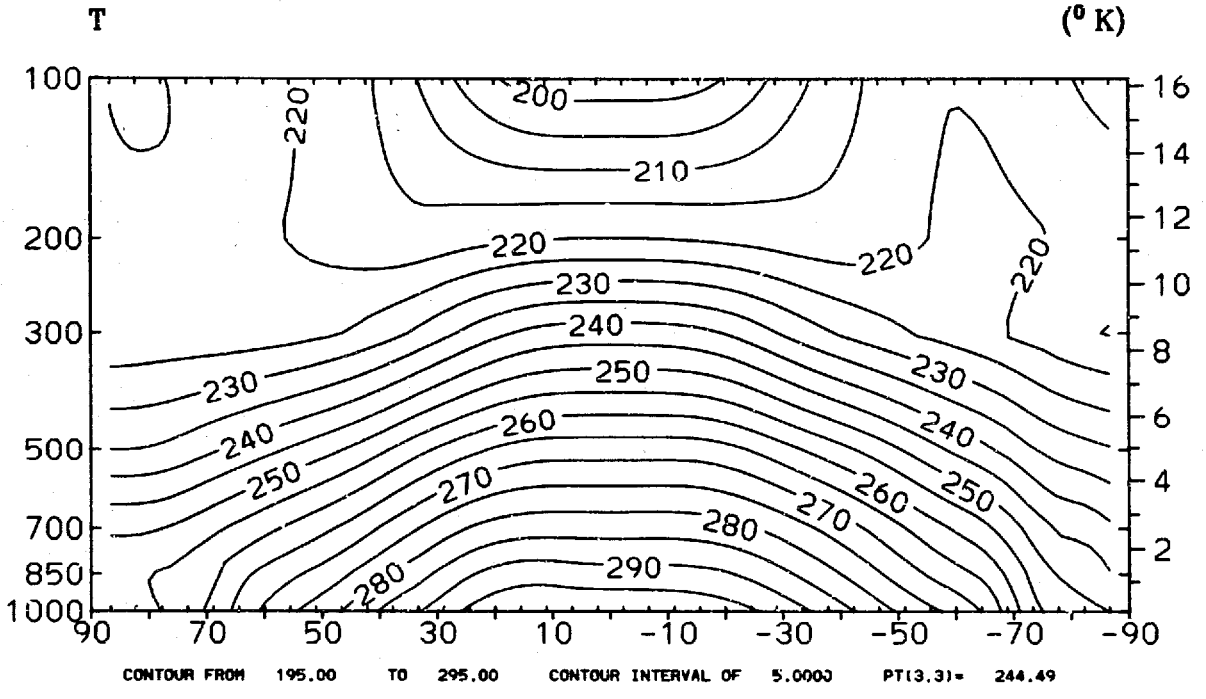
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

V (m s$^{-1}$)




FRAME 1.111

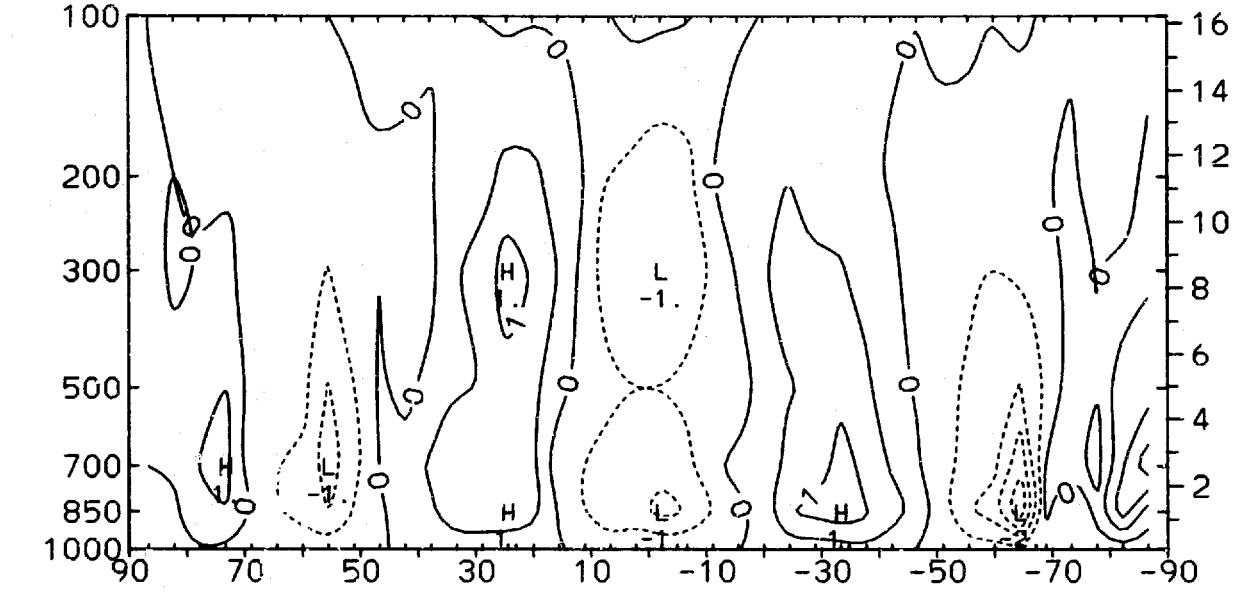
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

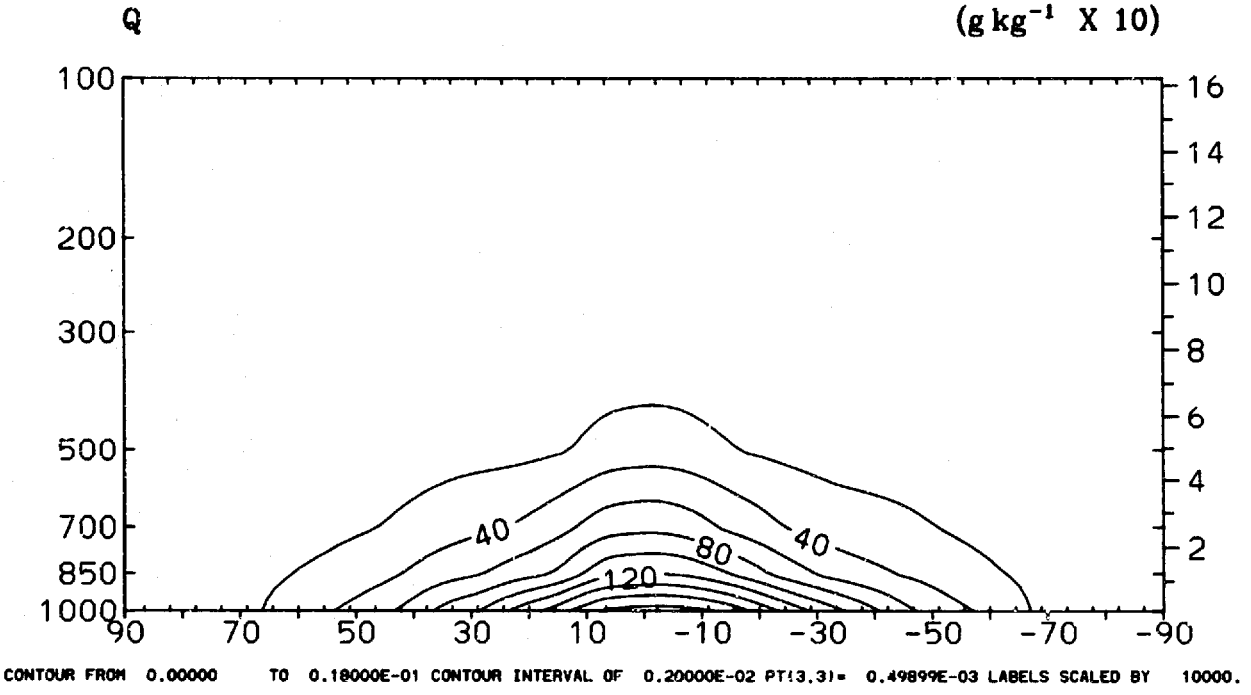
OMEGA (mb $s^{-1}$ X $10^4$)




CONTOUR FROM -0.20000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= -0.15124E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

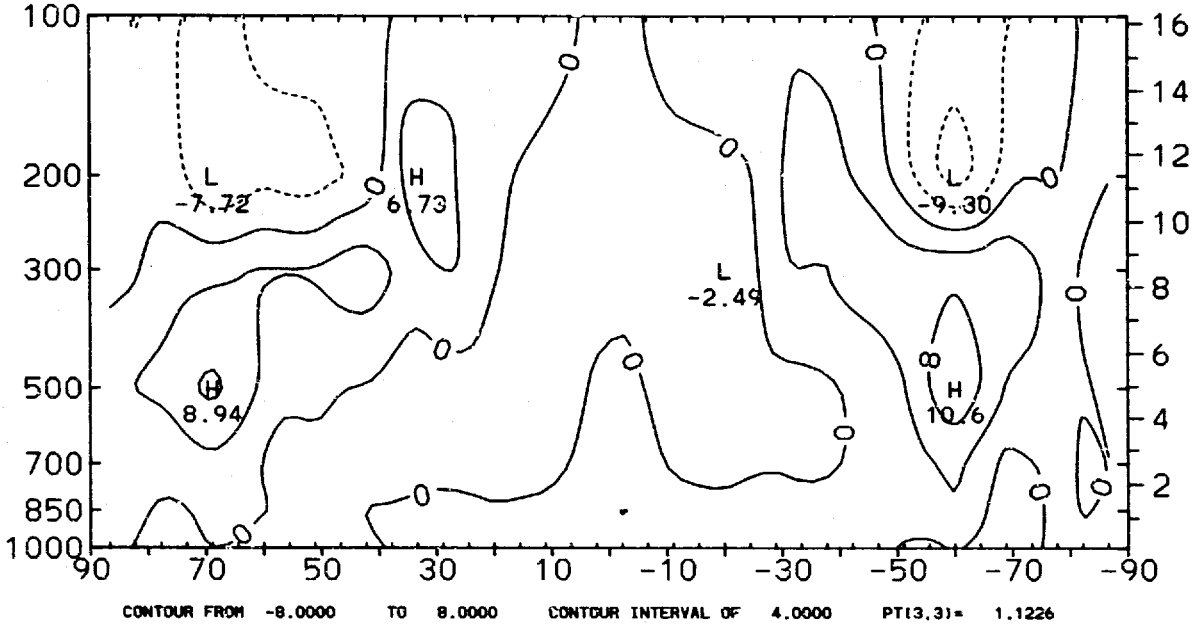



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT!3.3!= 0.49899E-03 LABELS SCALED BY 10000.

FRAME 1.114

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

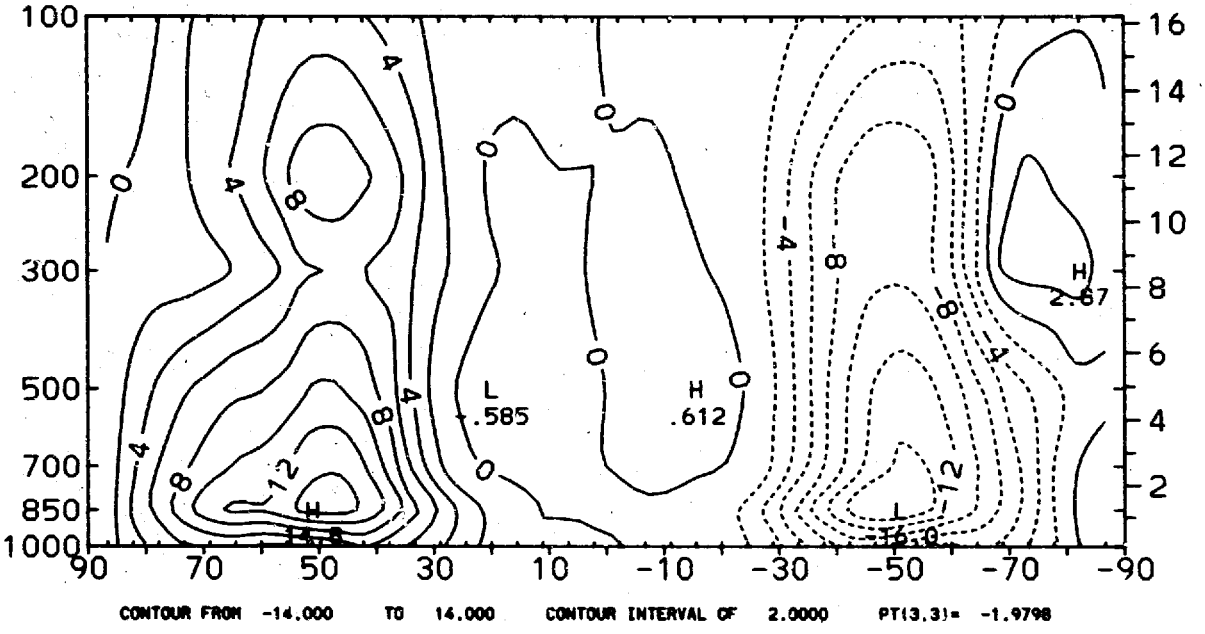
UTP ($^0$ K m s$^{-1}$)




FRAME 1.115

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

VTP ($^0$ K m s$^{-1}$)

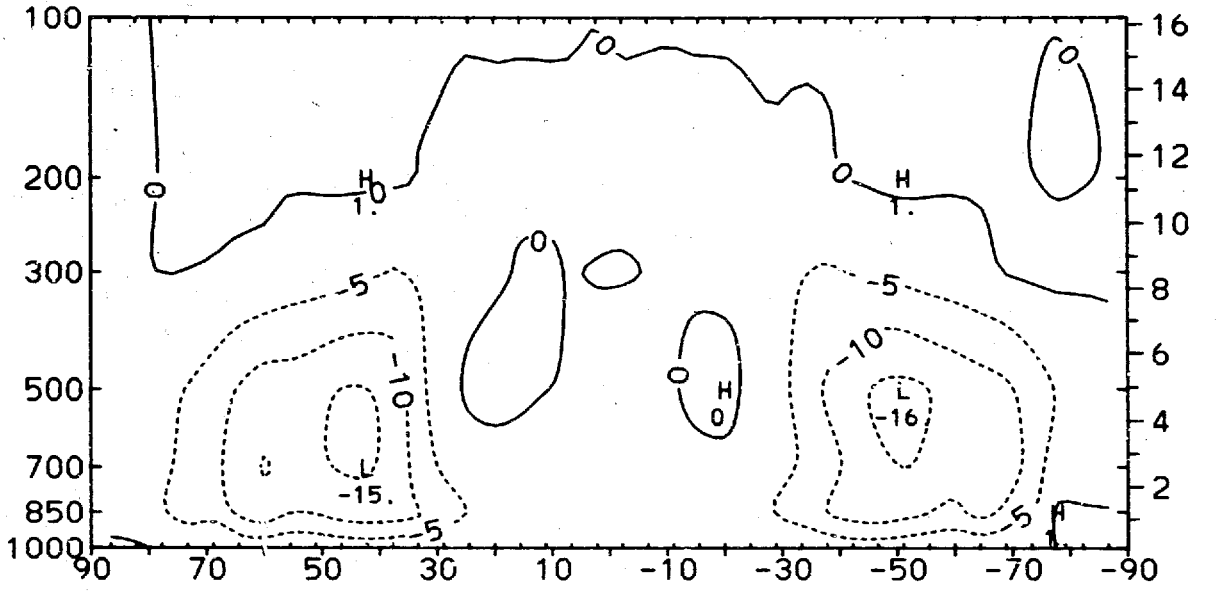



CONTOUR FROM -14.000 TO 14.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= -1.9798

FRAME 1.116

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

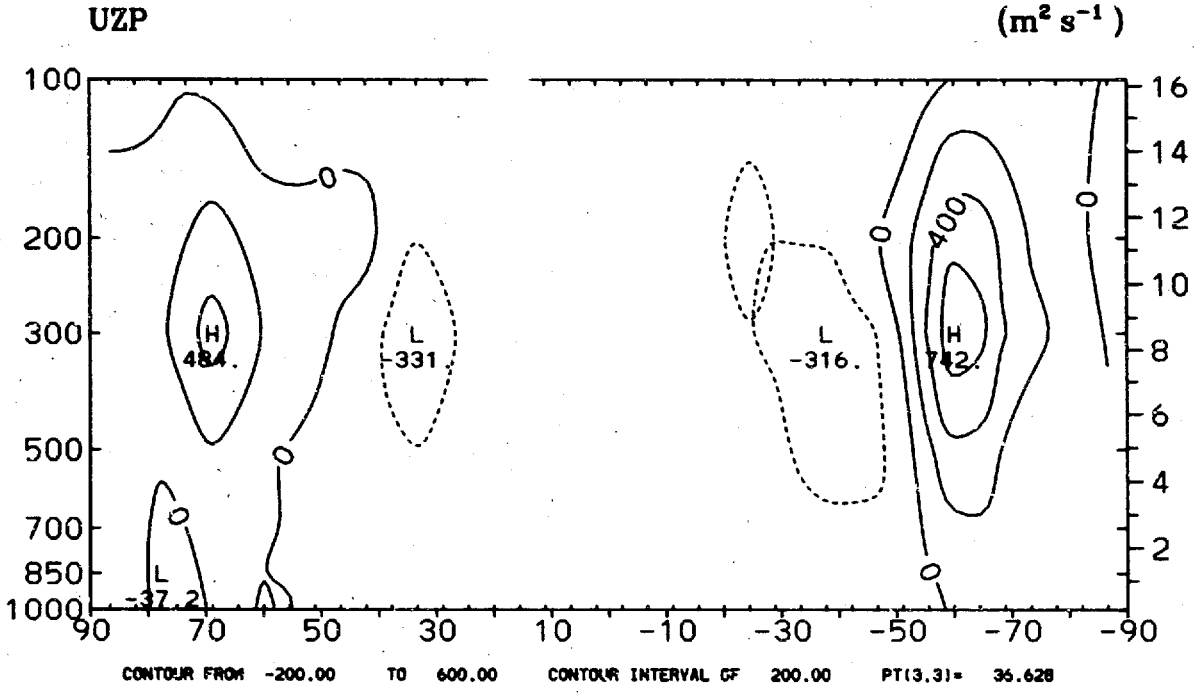
WTP ($^0$K mb s$^{-1}$ X $10^4$)




CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.23781E-01 LABELS SCALED BY 100.00

FRAME 1.117

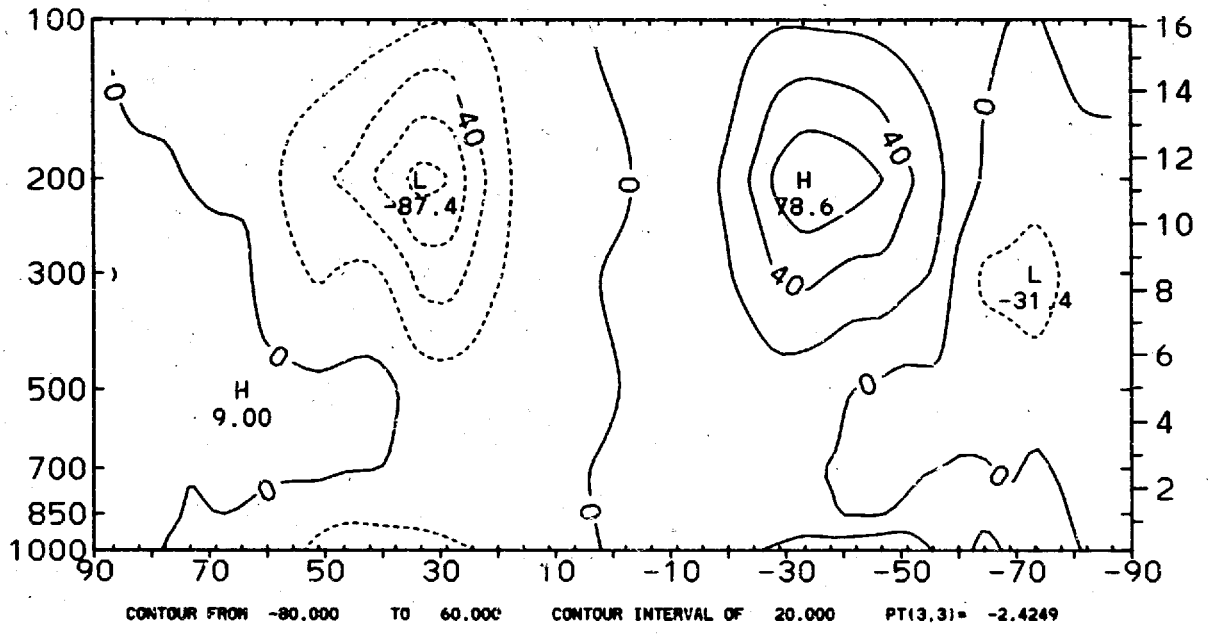
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.118

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

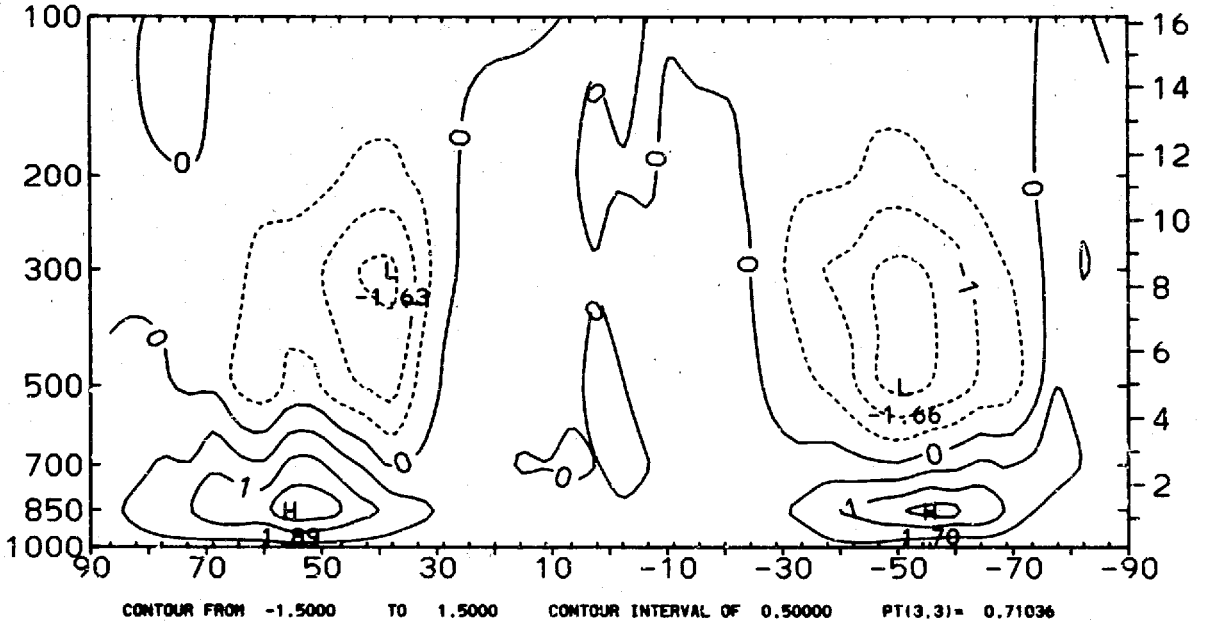
VZP $(m^2 s^{-1})$




FRAME 1.119

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

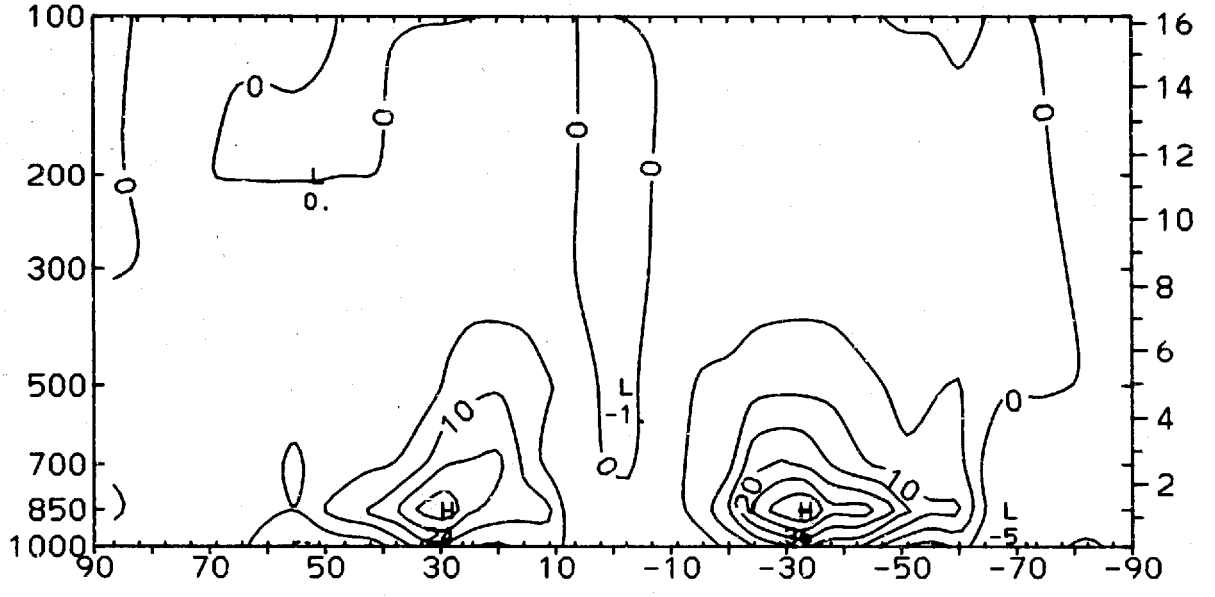
WZP (mb m s$^{-1}$ X 10$^2$)




FRAME 1.120

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

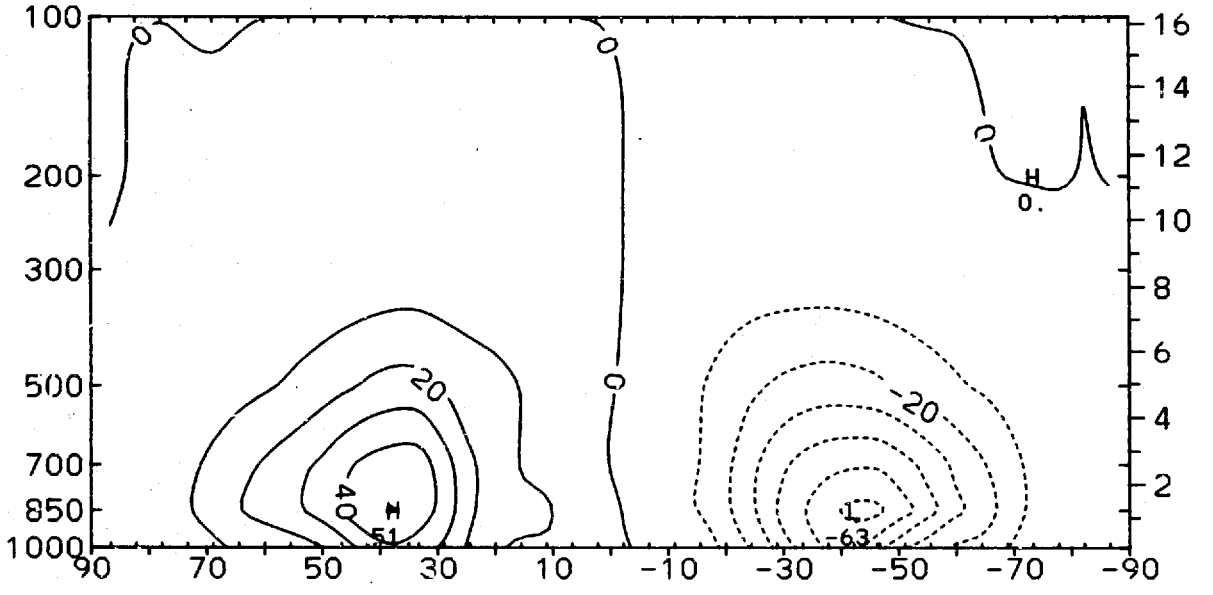



CONTOUR FROM -0.50000E-03 TO 0.35000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.12005E-03 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

VQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

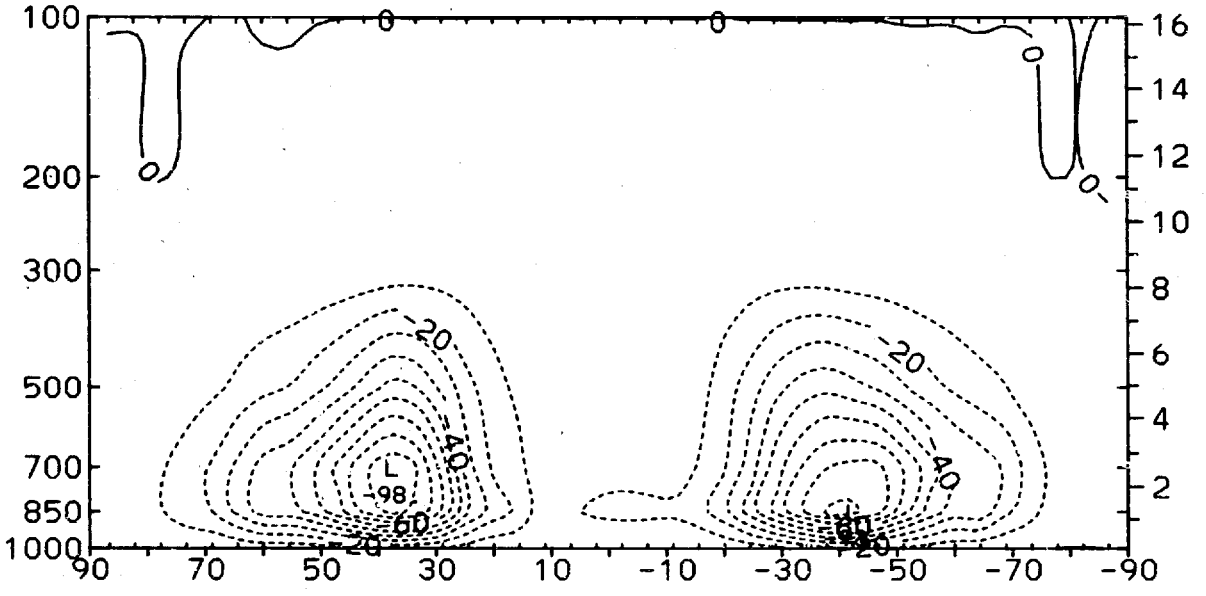



CONTOUR FROM -0.60000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.34704E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

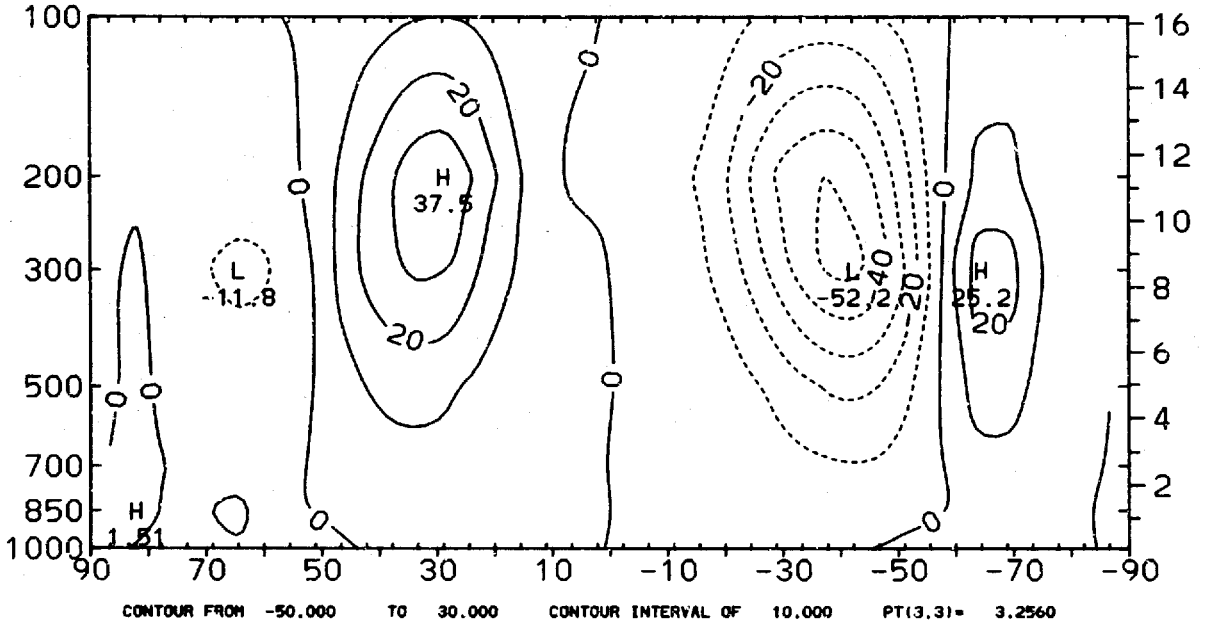



CONTOUR FROM -0.90000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.62437E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

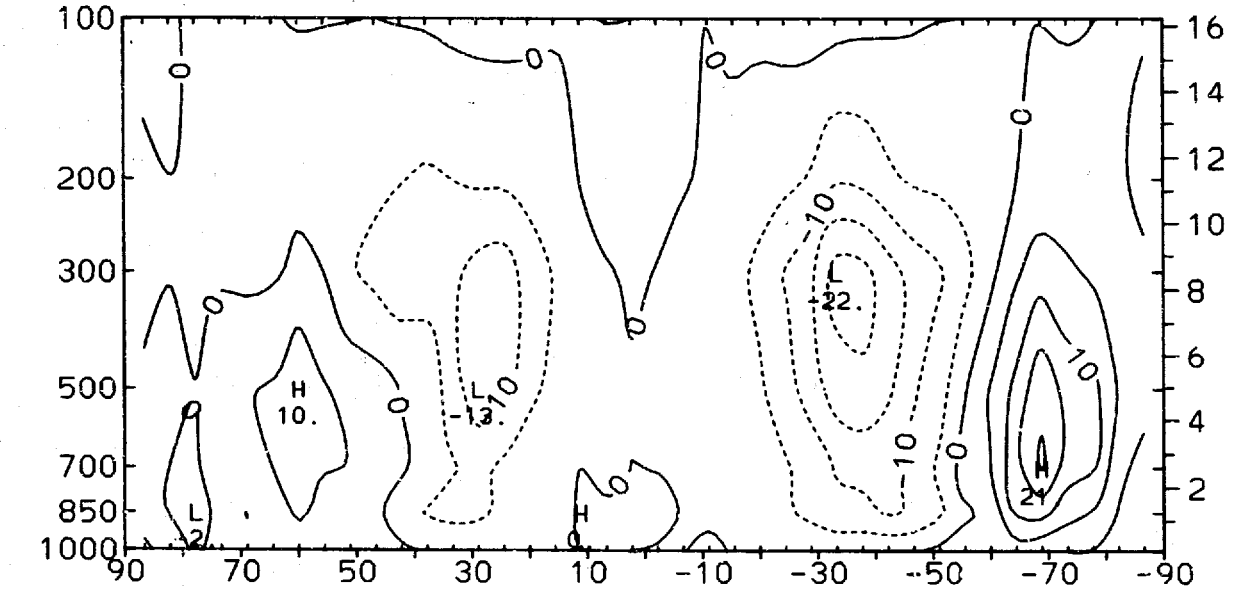
UVP ($m^2 s^{-2}$)




FRAME 1,124

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

UWP (mb m s$^{-2}$ X 10$^4$)

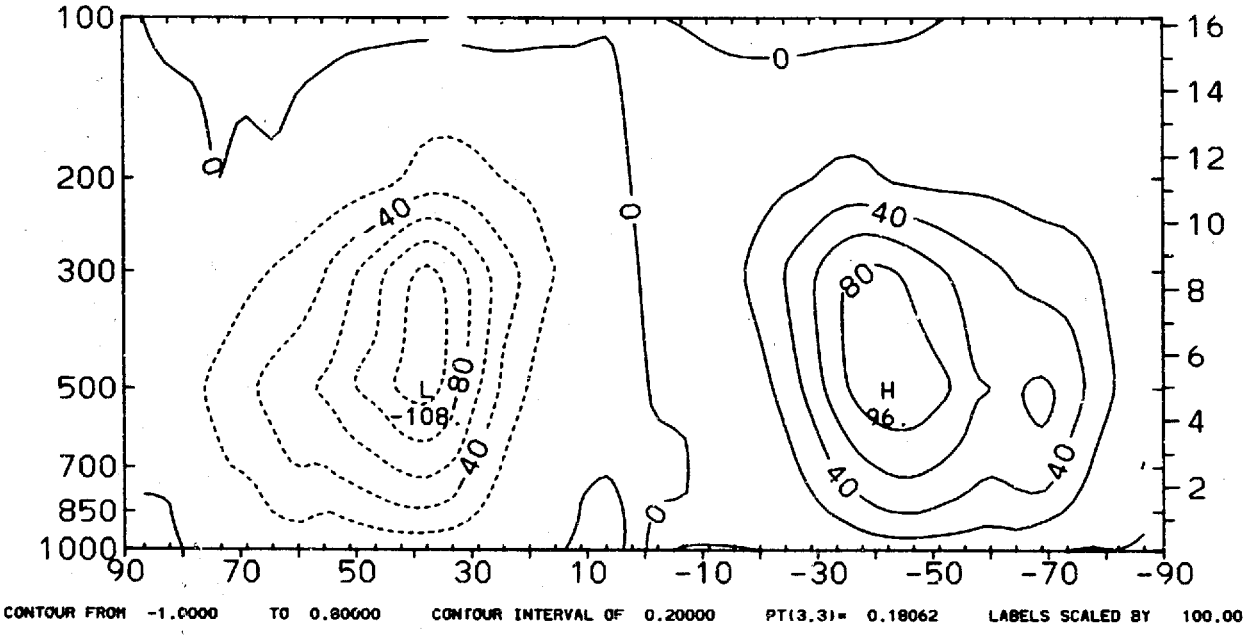



CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.10355 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

VWP (mb m s$^{-2}$ X 10$^4$)

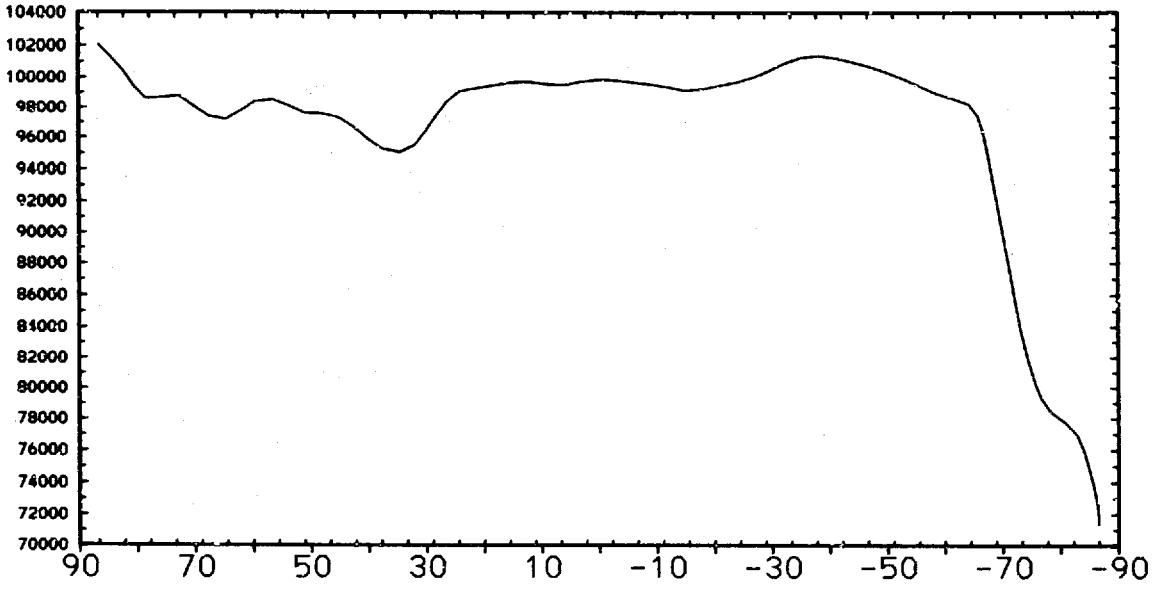



CONTOUR FROM -1.0000 TO 0.80000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.18062 LABELS SCALED BY 100.00

FRAME 1.126

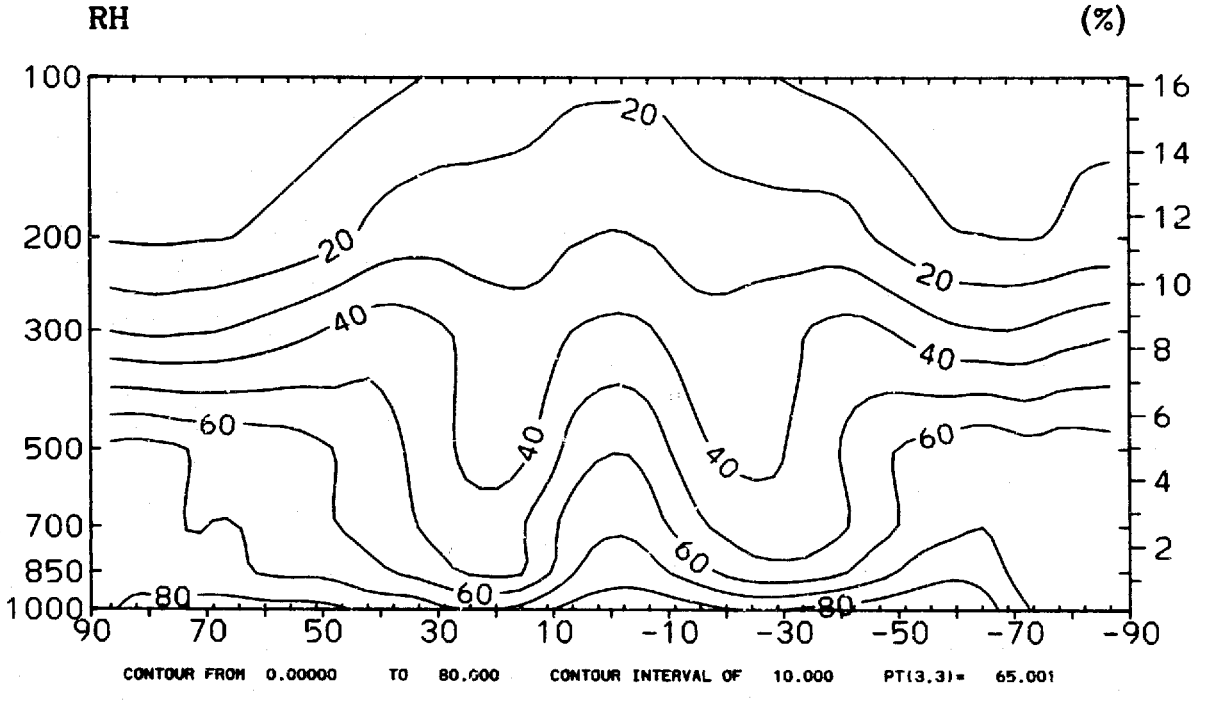
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)



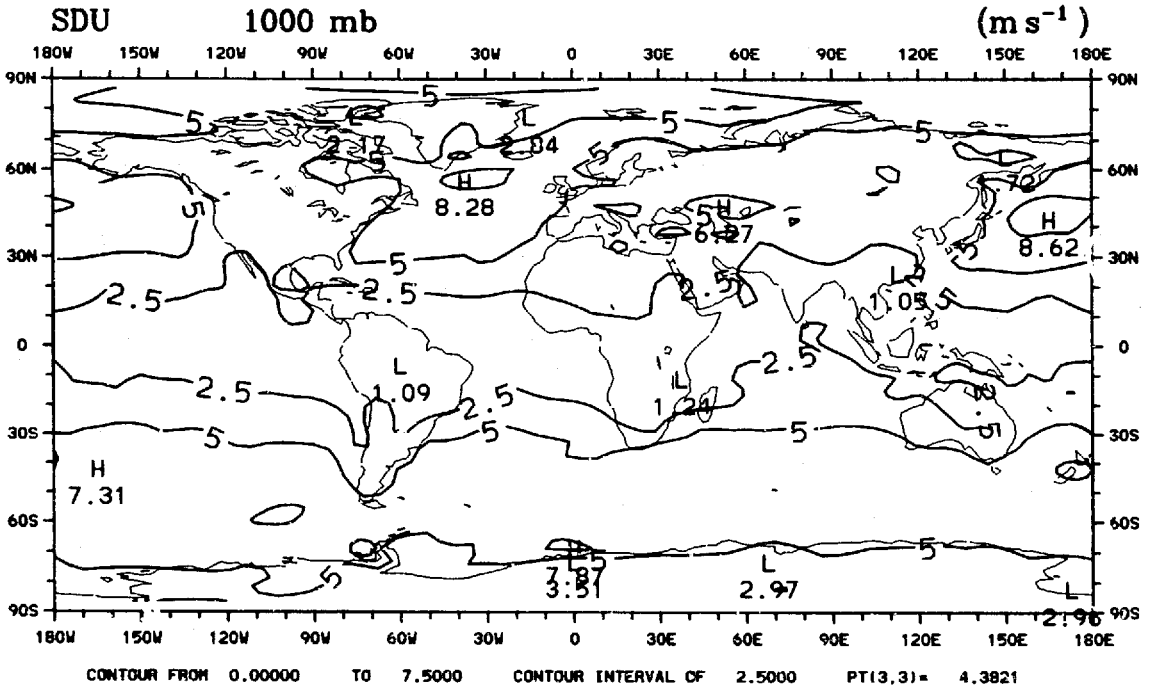

FRAME 1.127

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



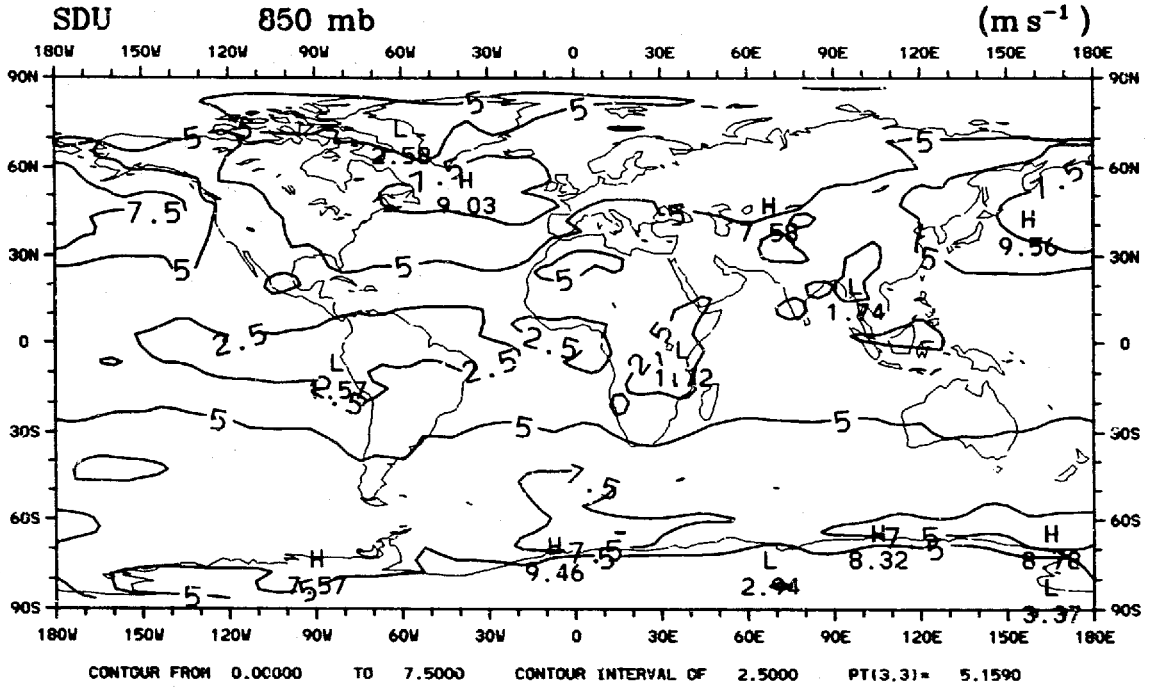

FRAME 1.128

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

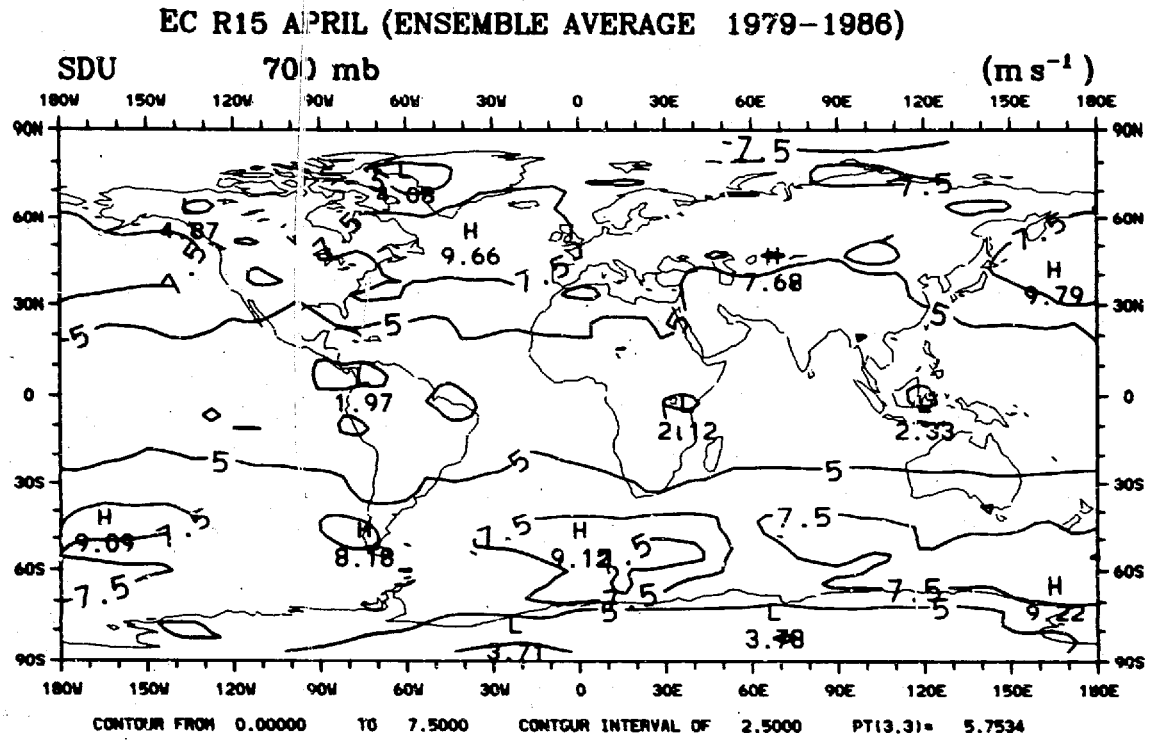



FRAME 2.1

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

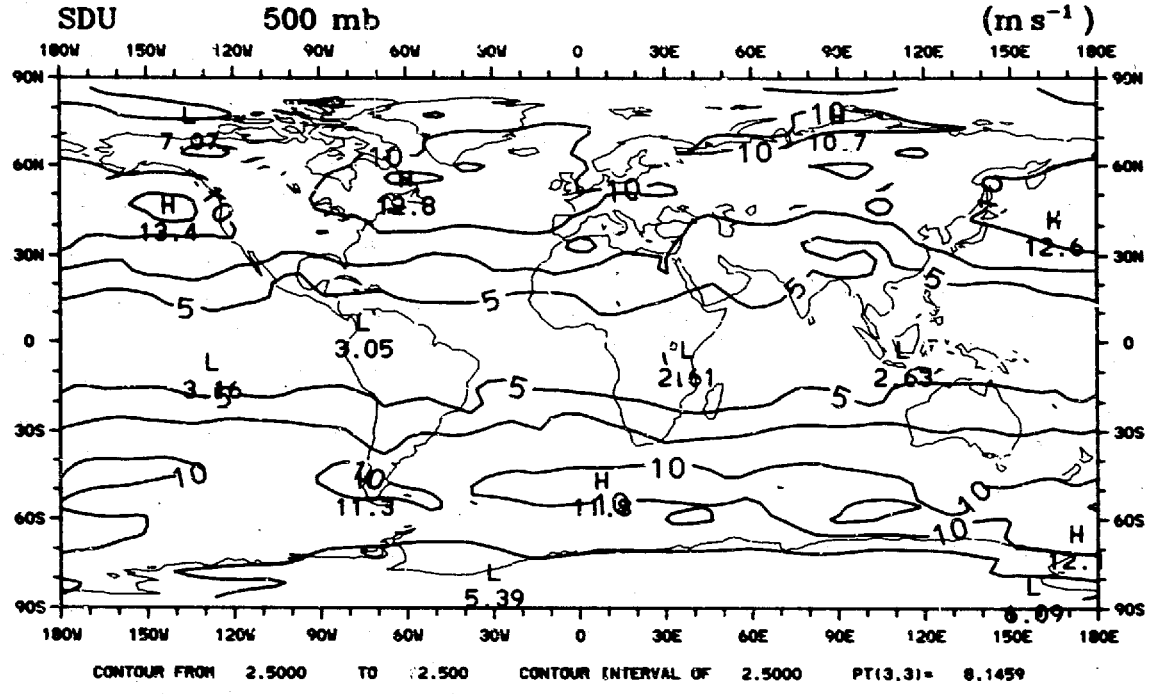



FRAME 2.2


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
SDU 700 mb (m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 9.66
7.68
H 9.79
1.97
2.12
2.33
H 9.09
H 8.18
H 9.12
H 9.22
3.71
3.78
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.7534

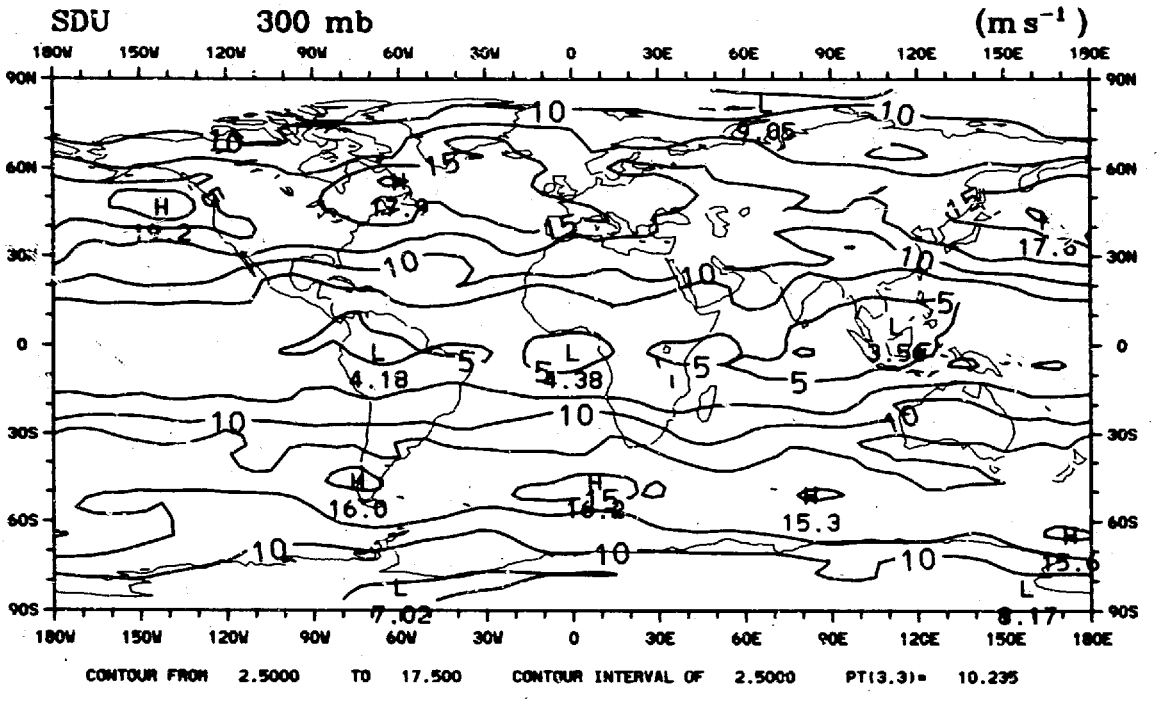
FRAME 2,3

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



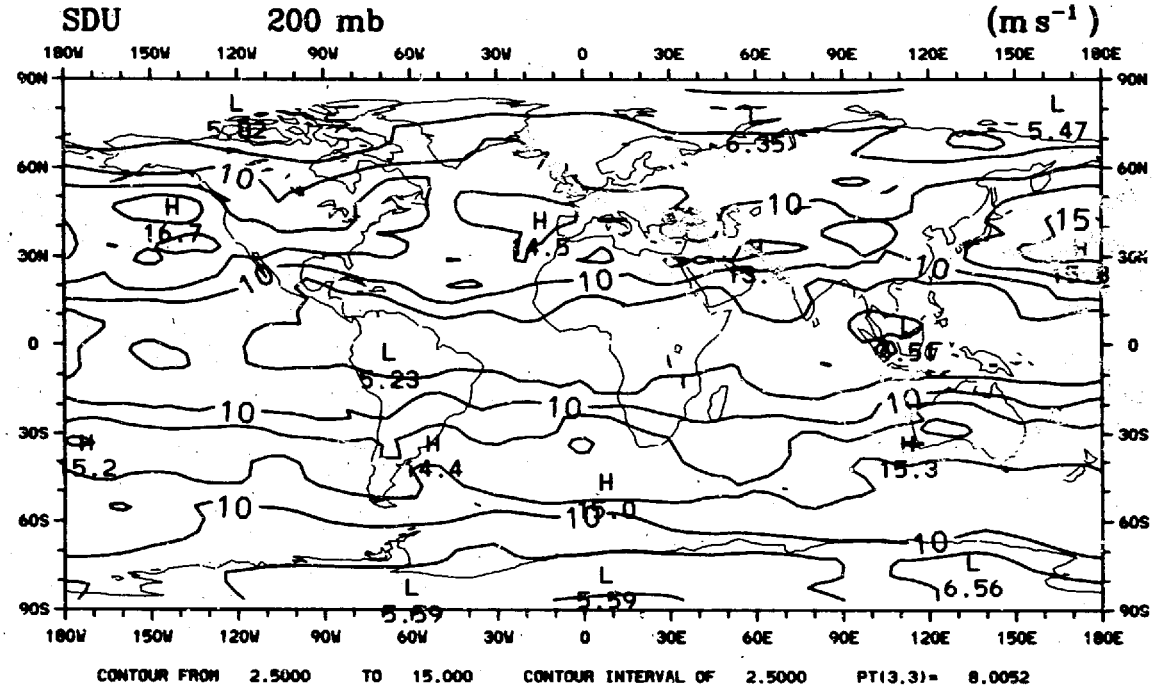

FRAME 2.4

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

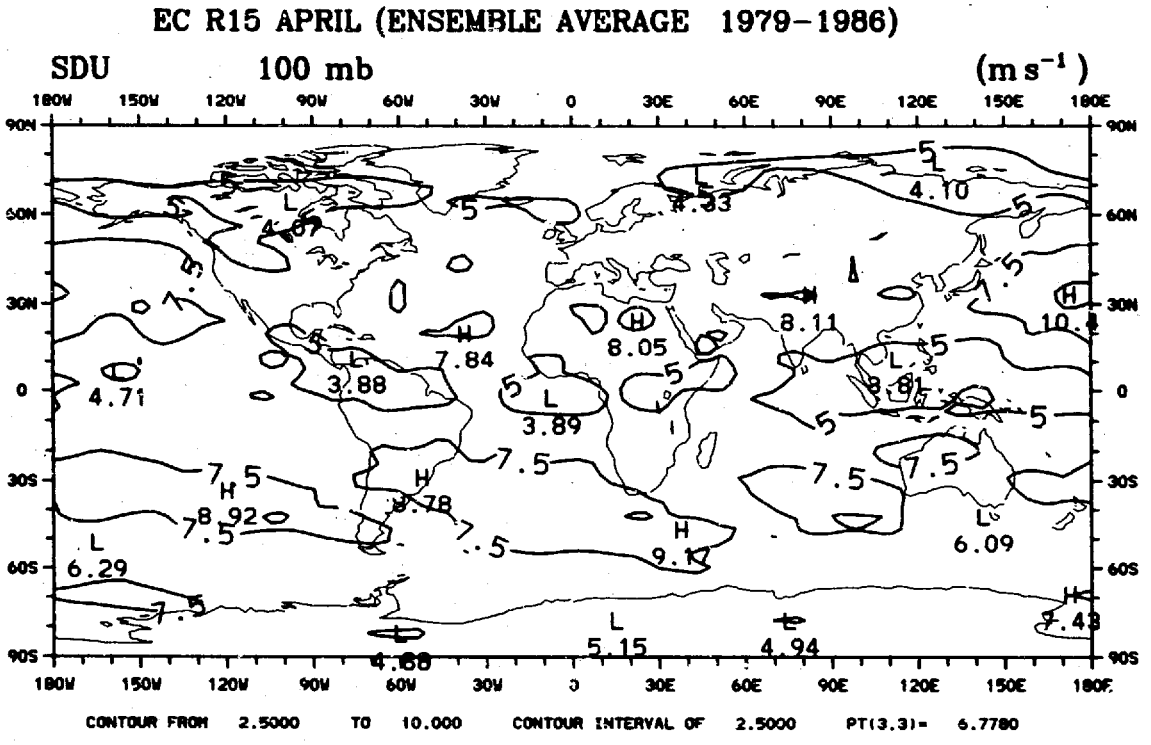



FRAME 2.5

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

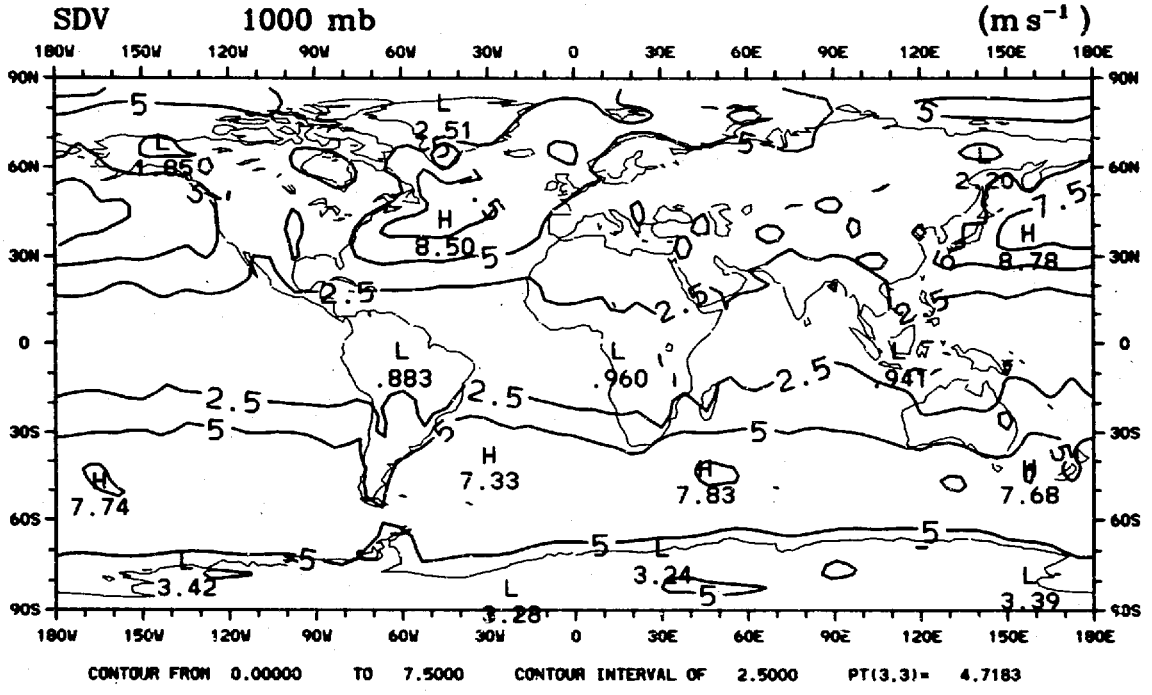



FRAME 2.6


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
SDU
100 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
4.10
8.11
8.05
7.84
3.88
4.71
3.89
6.09
6.29
5.15
4.94
CONTOUR FROM 2.5000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 6.7780

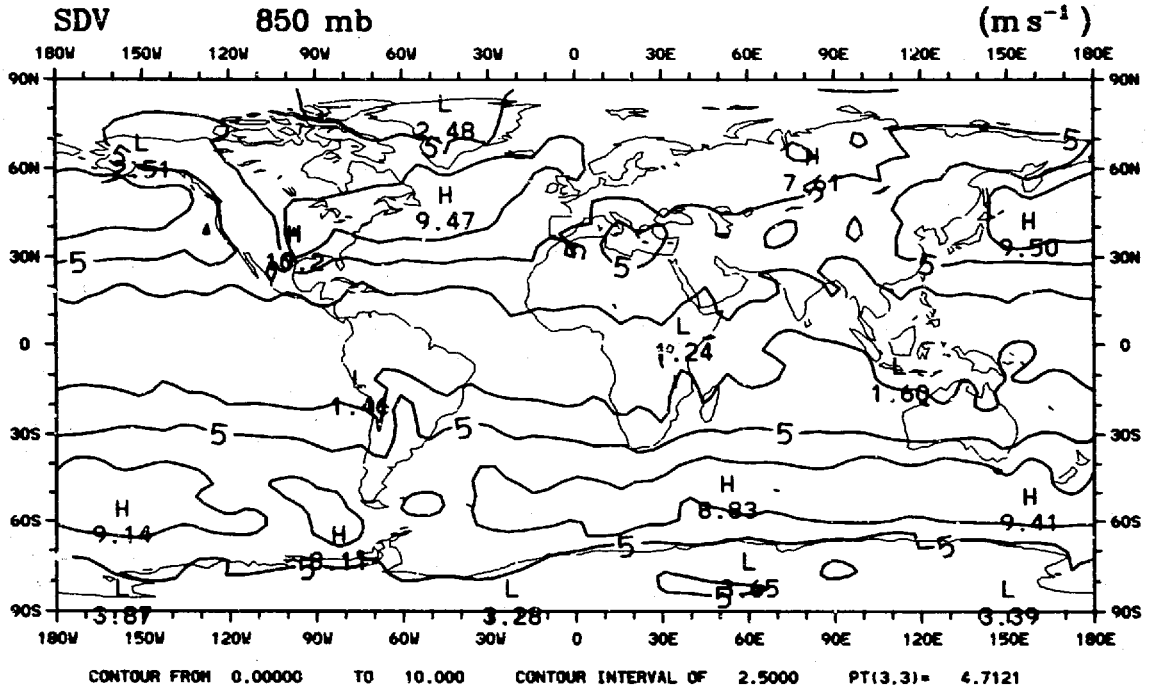
FRAME 2.7

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.8

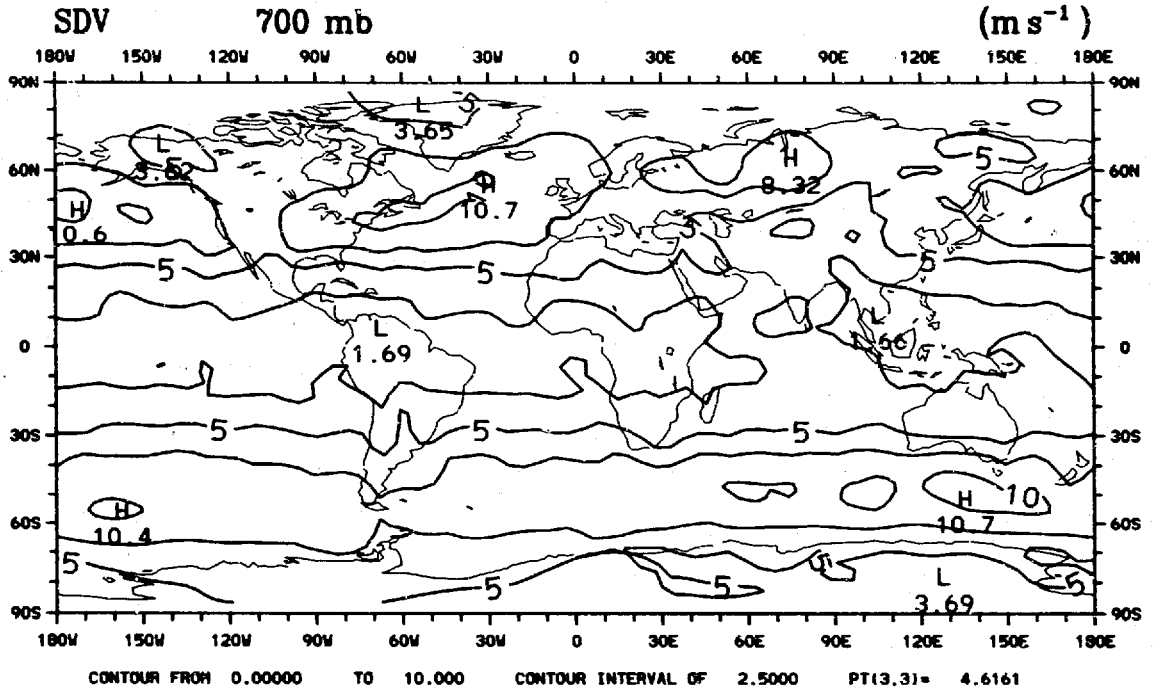
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 4.7121

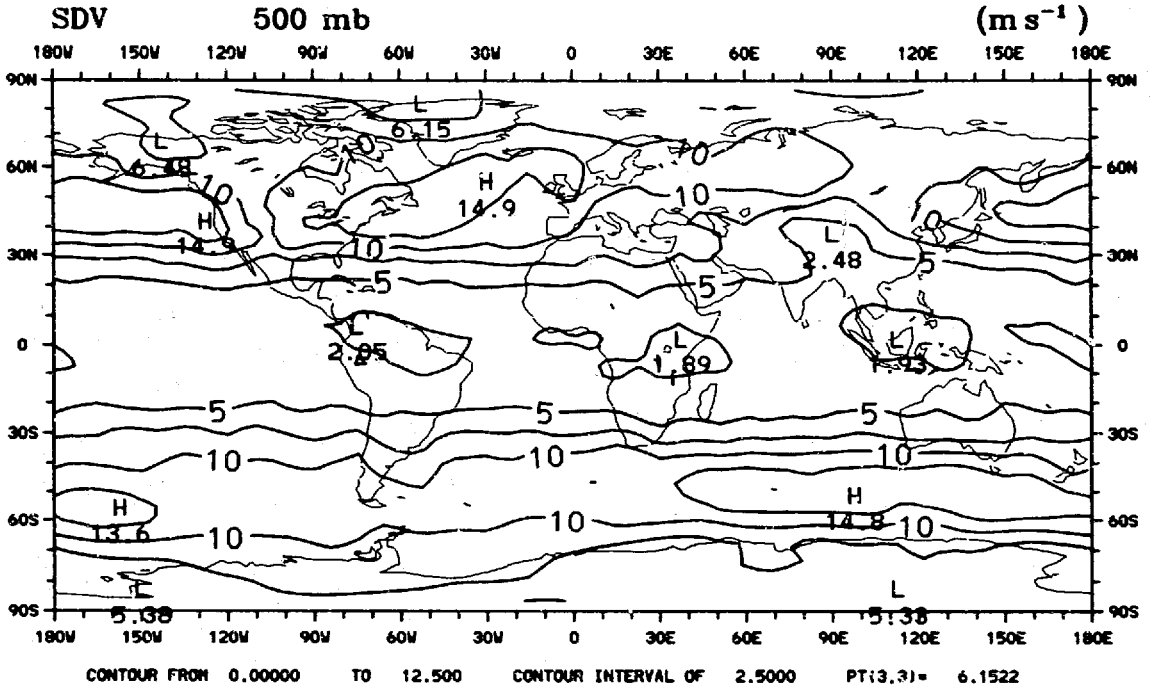
FRAME 2.9

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



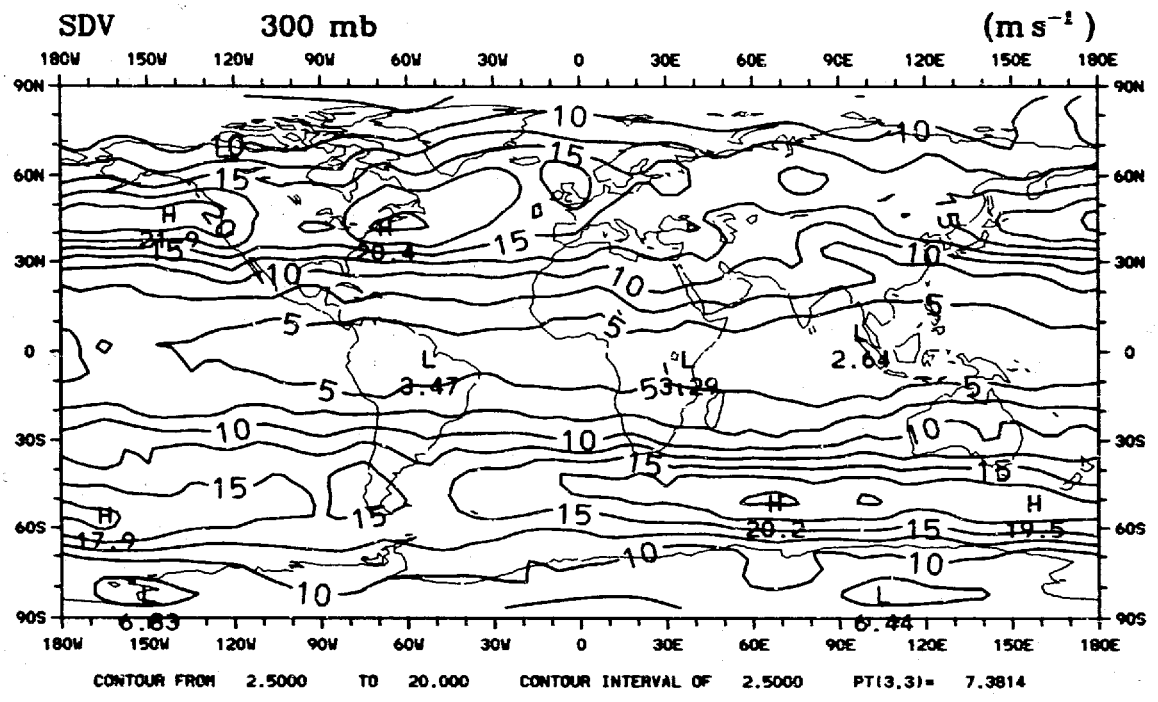

FRAME 2.10

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



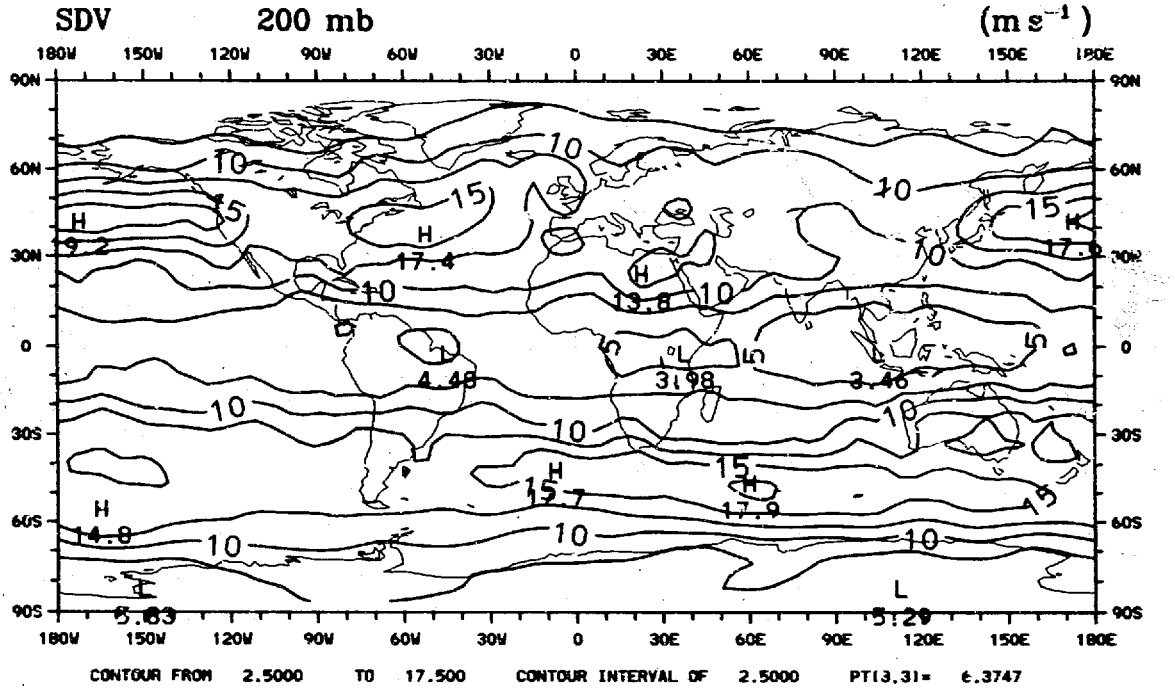

FRAME 2.11

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



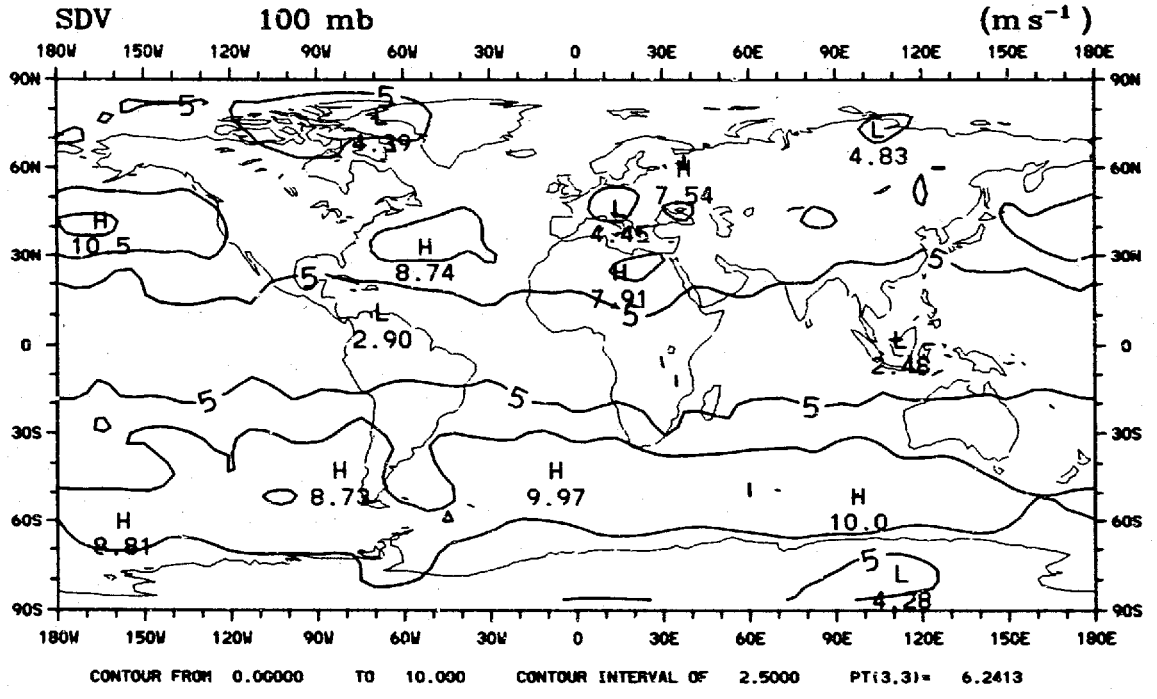

FRAME 2.12

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



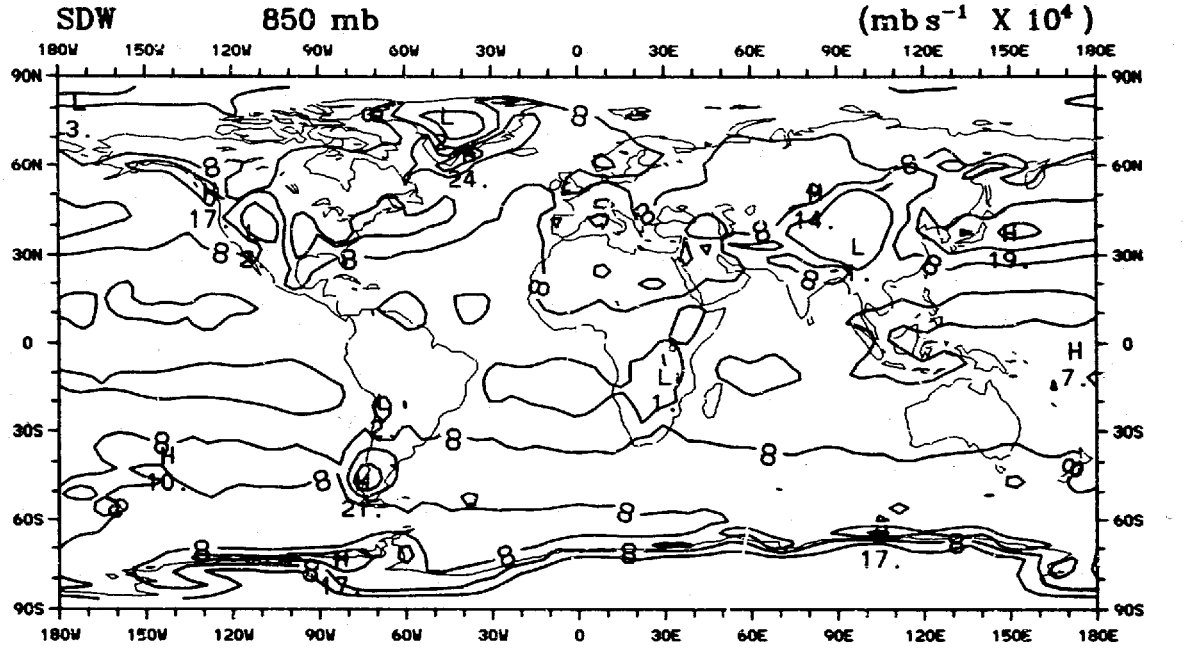

FRAME 2.13

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.14

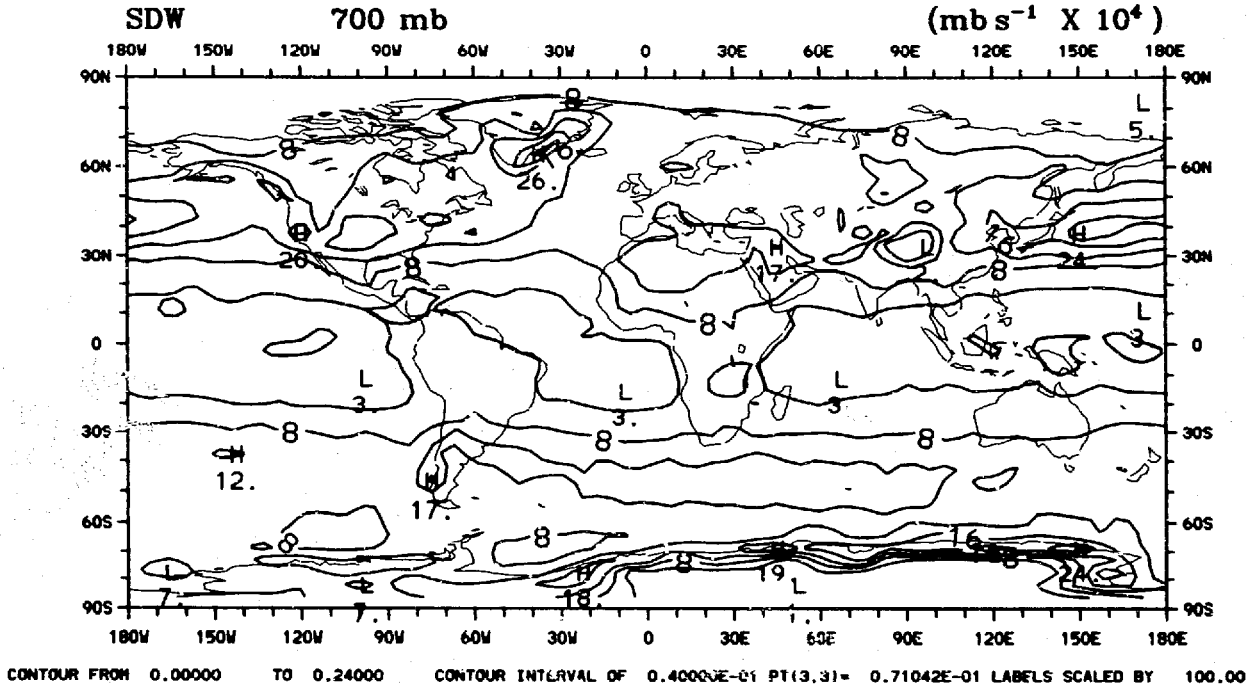
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.56138E-01 LABELS SCALED BY 100.00

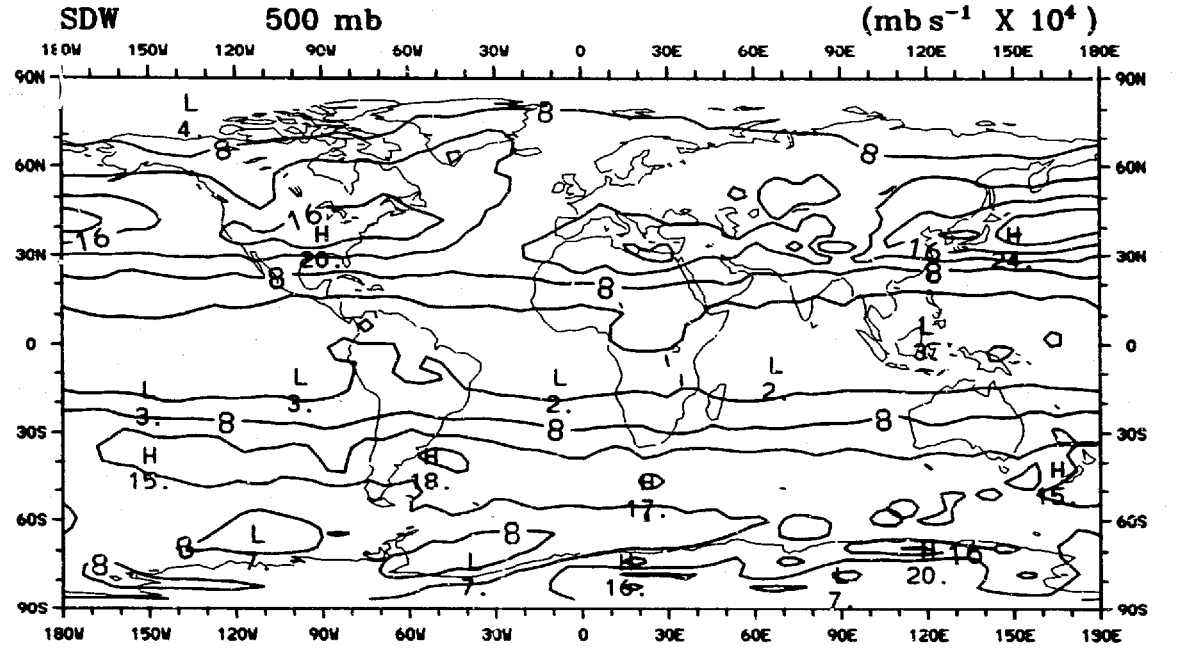
FRAME 2.15

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



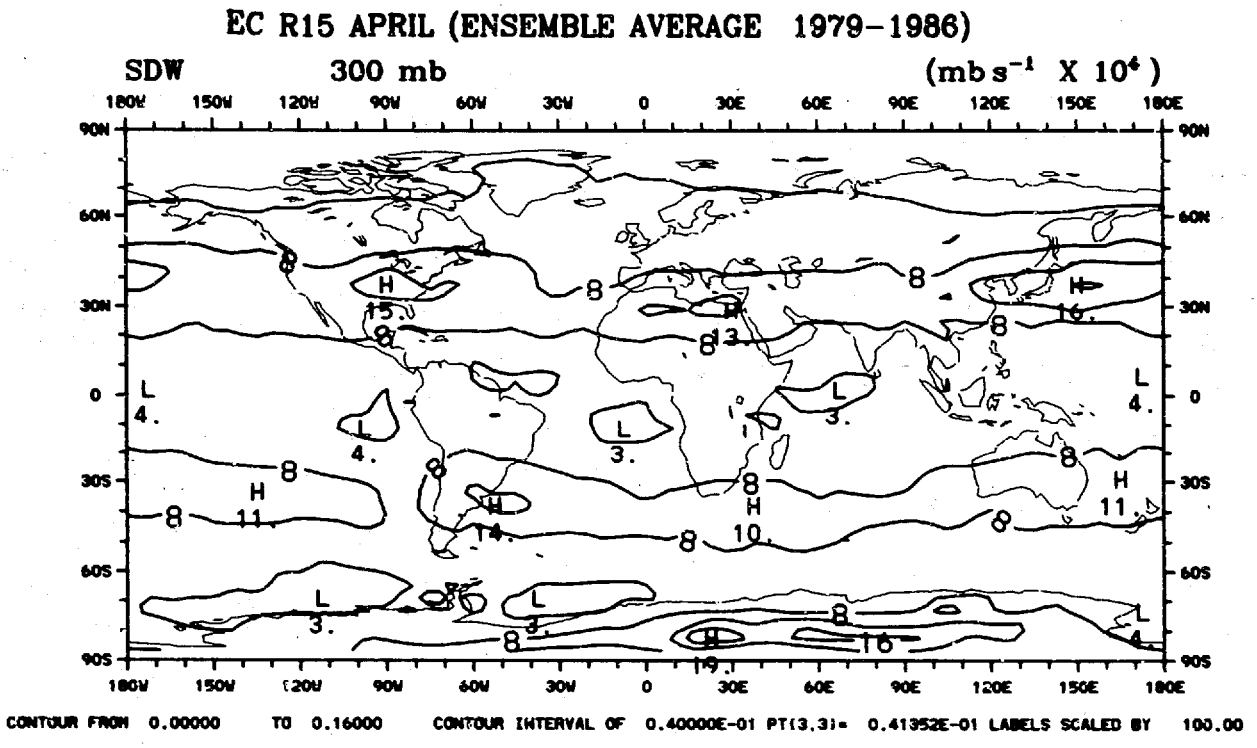

FRAME 2.16

## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



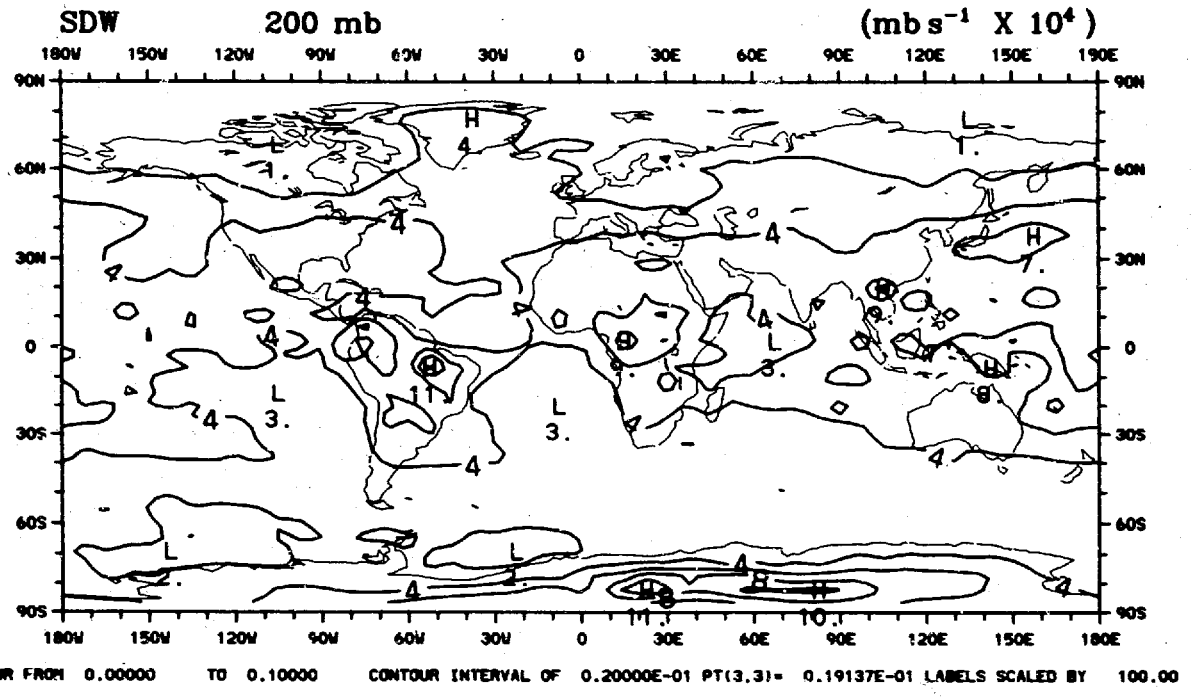

CONTOUR FROM 0.00000 TO 0.24000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.74828E-01 LABELS SCALED BY 100.00

FRAME 2.17


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
SDW
300 mb
(mb s$^{-1}$ X 10$^{4}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.41352E-01 LABELS SCALED BY 100.00

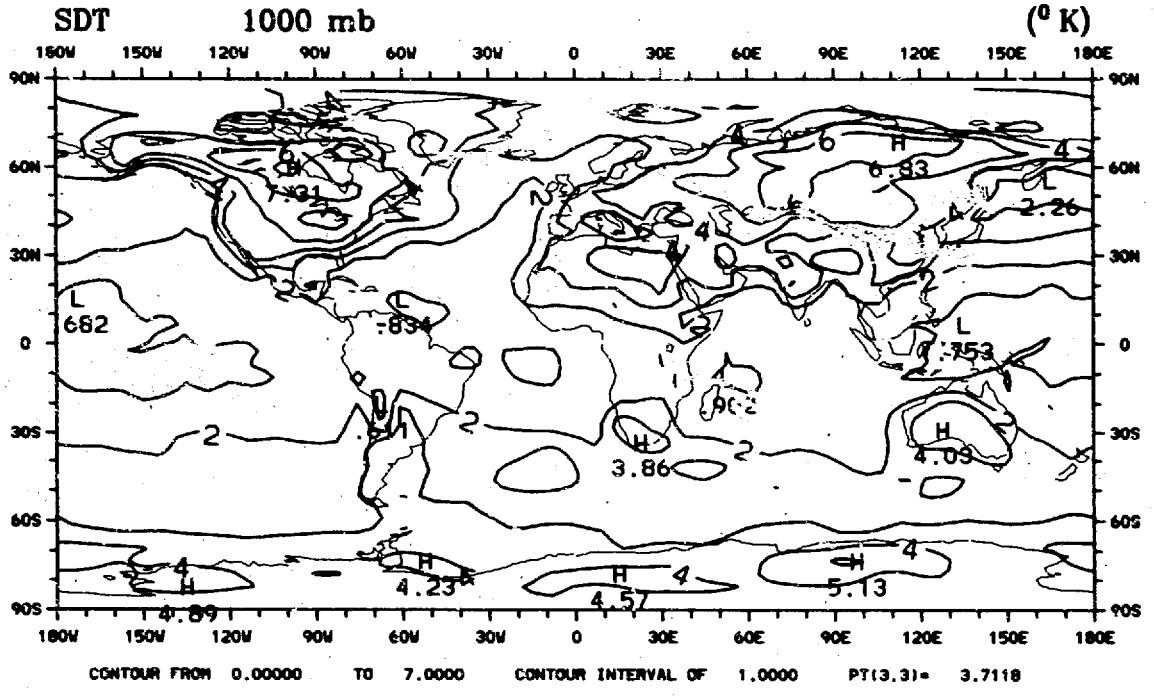
FRAME 2.18

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



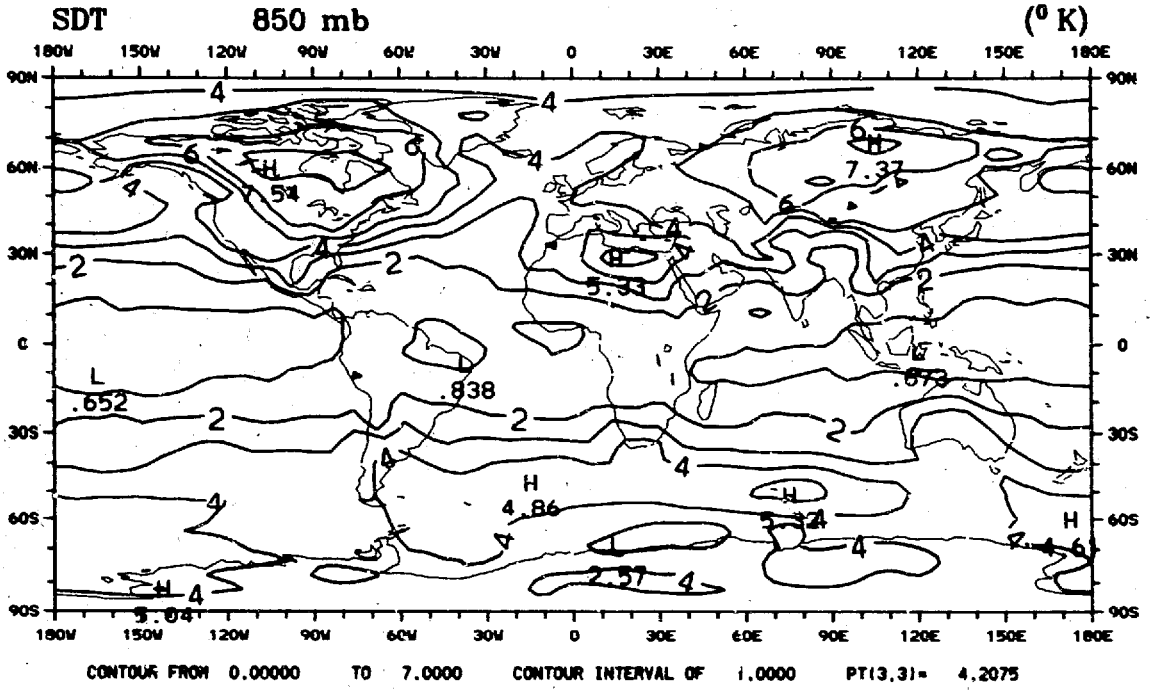

FRAME 2.19

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



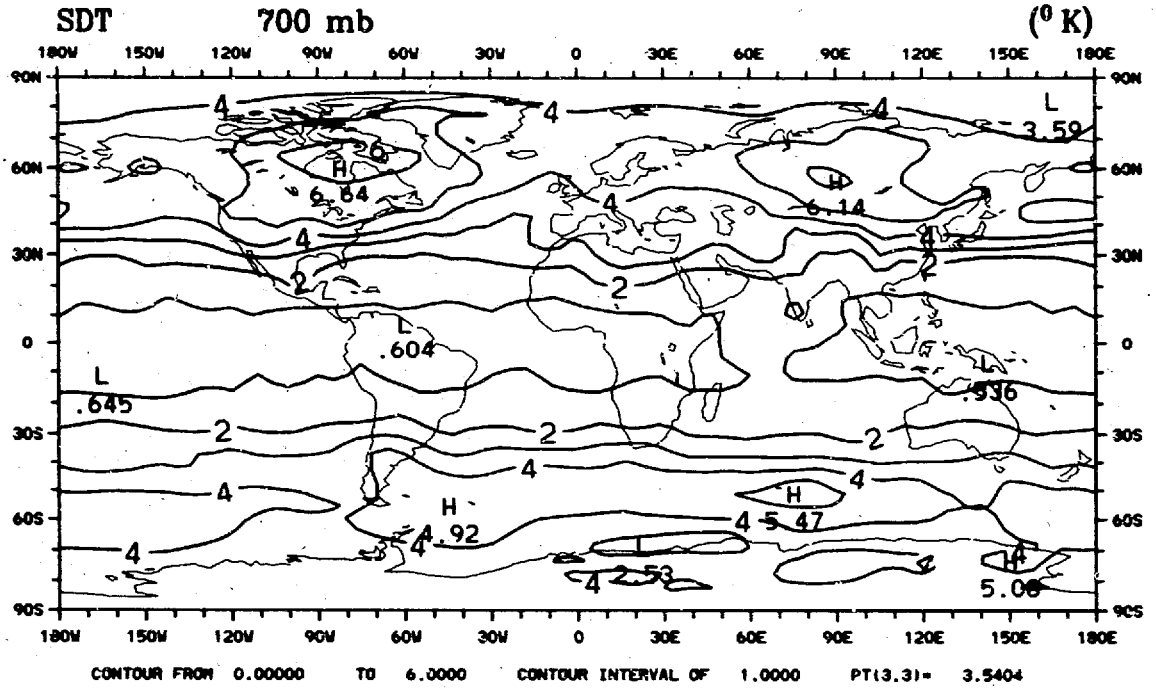

FRAME 2.20

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



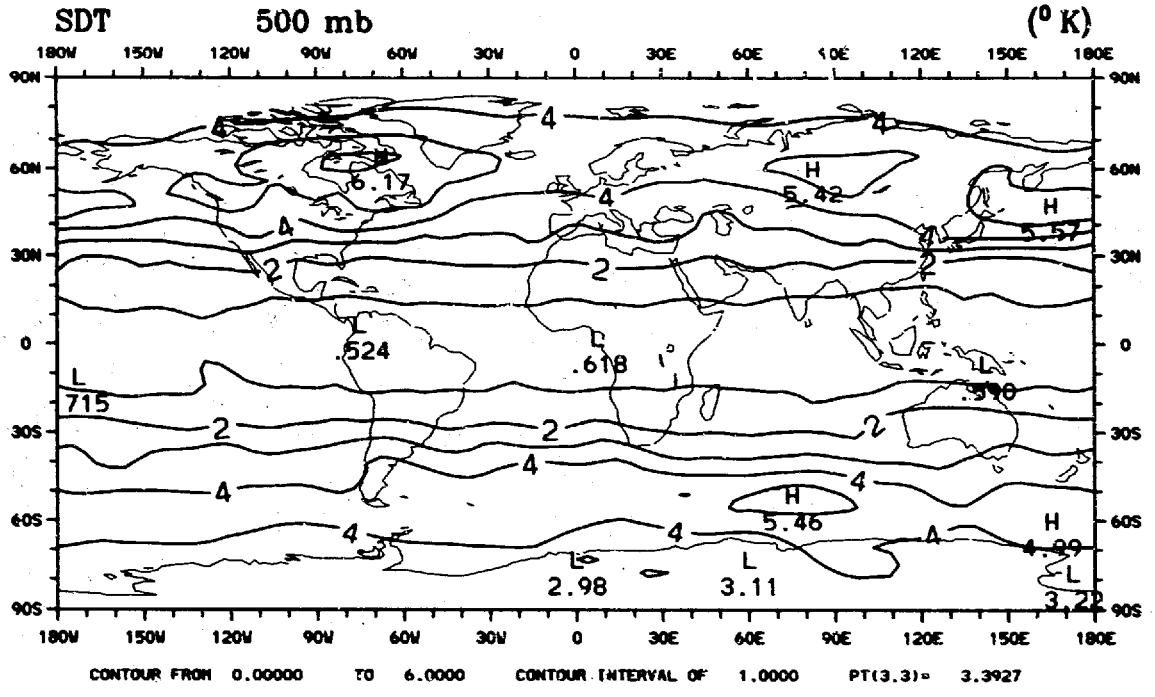

FRAME 2.21

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



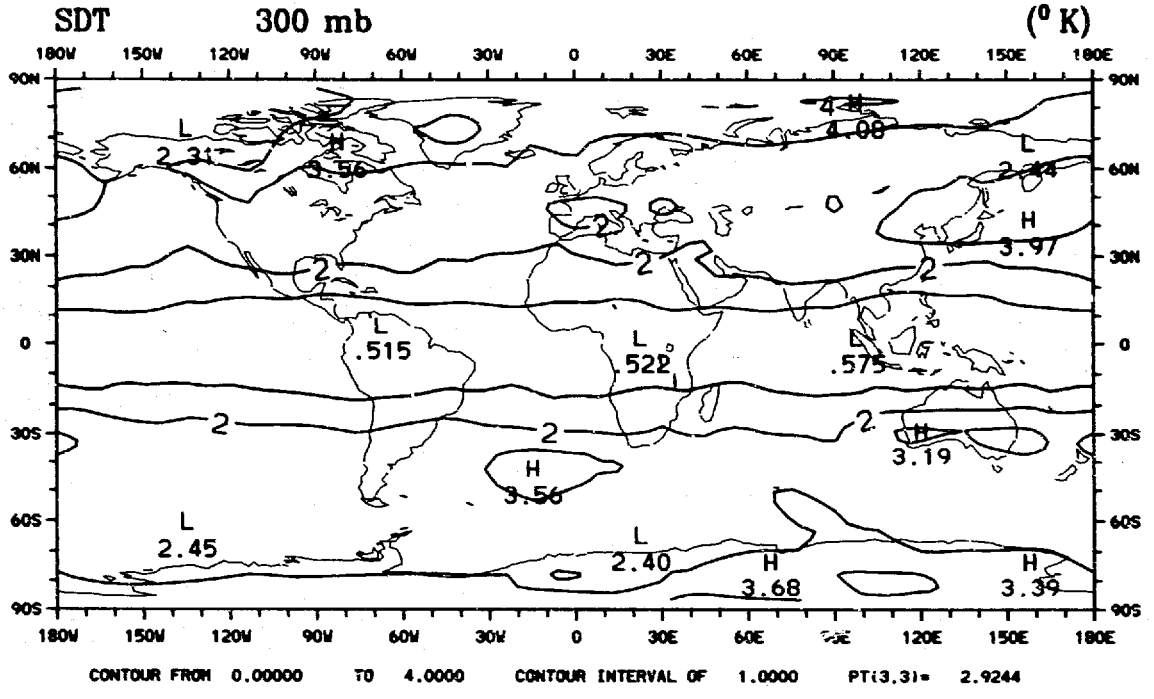

FRAME 2.22

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



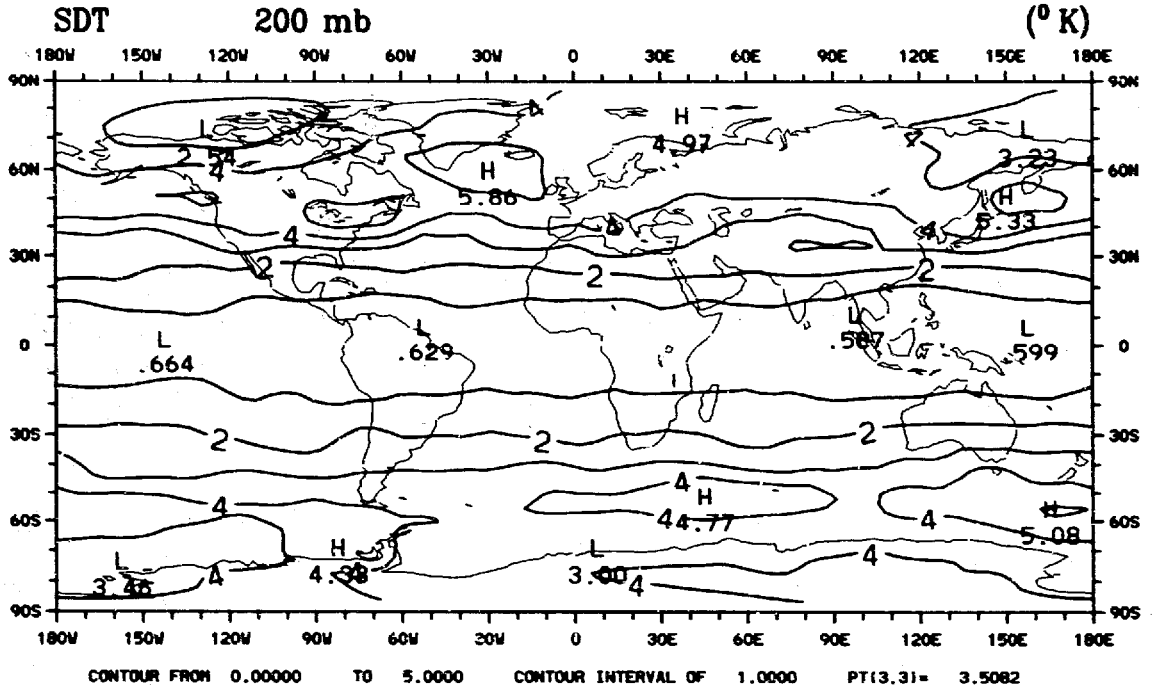

FRAME 2.23

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



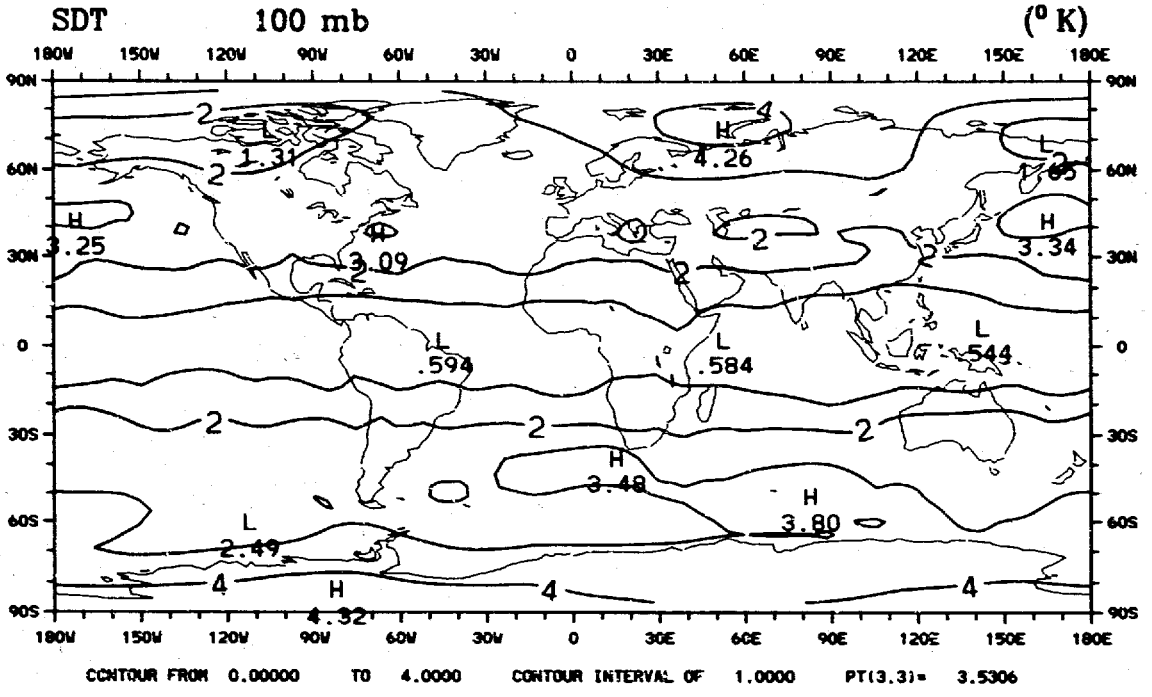

FRAME 2.24

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



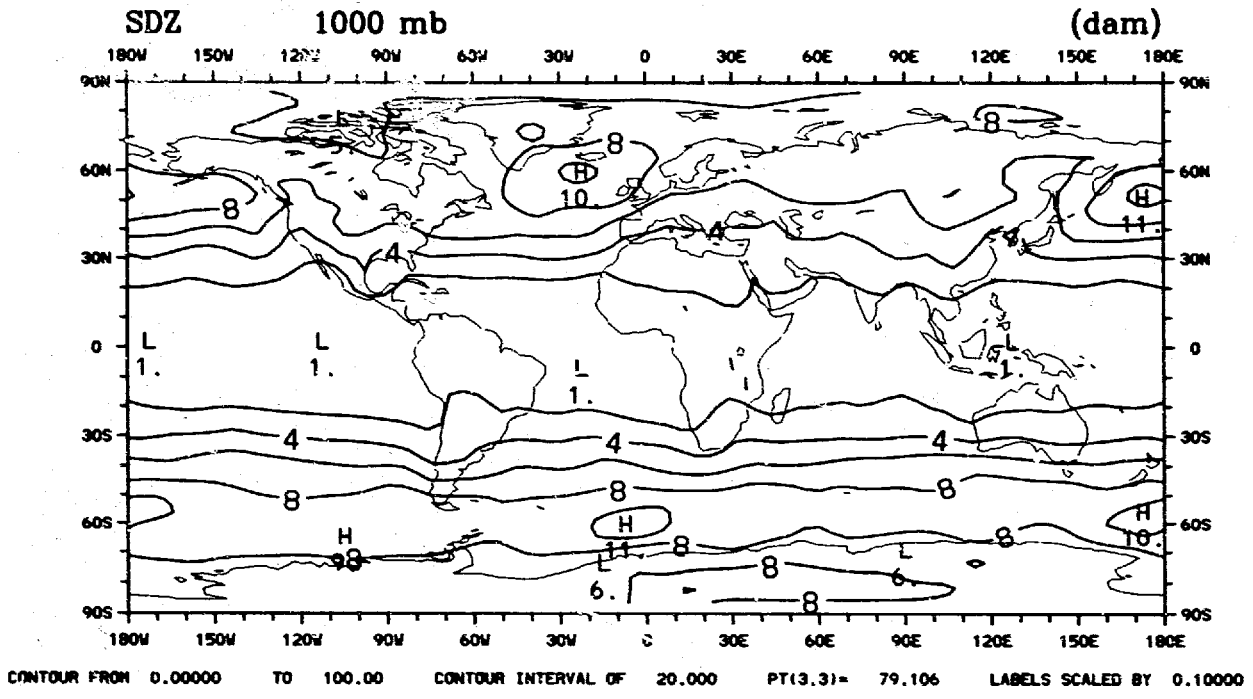

FRAME 2.25

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



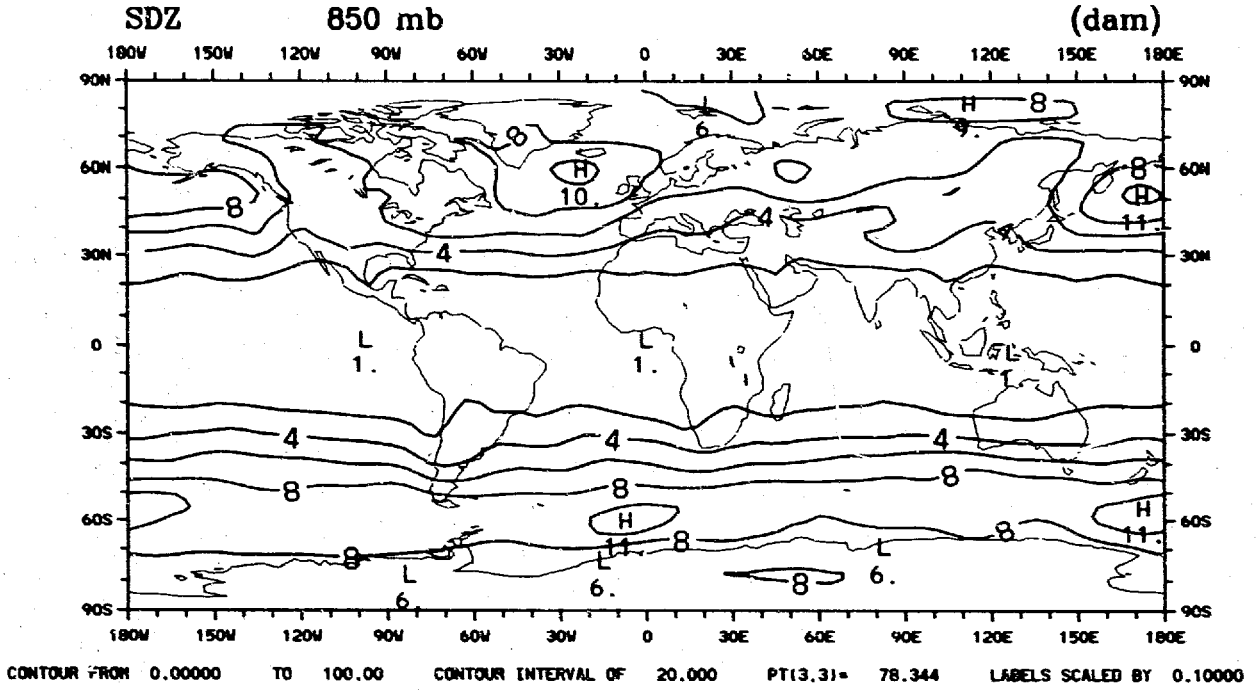

FRAME 2.26

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



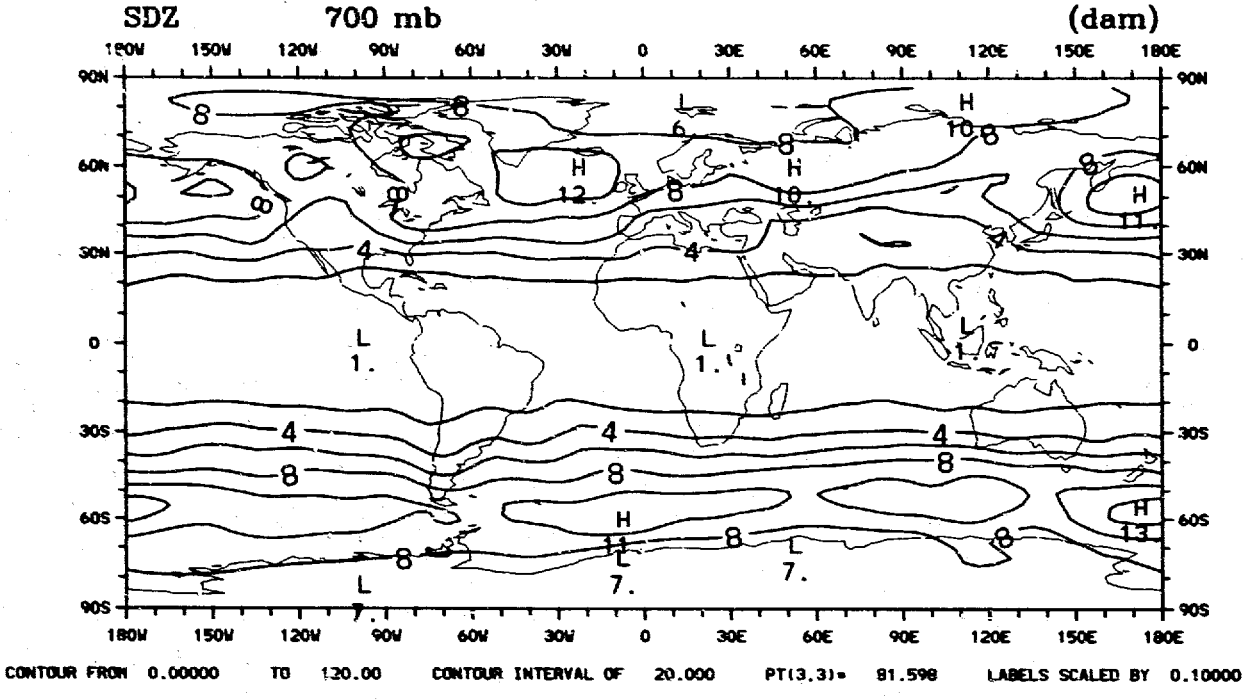

FRAME 2.27

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



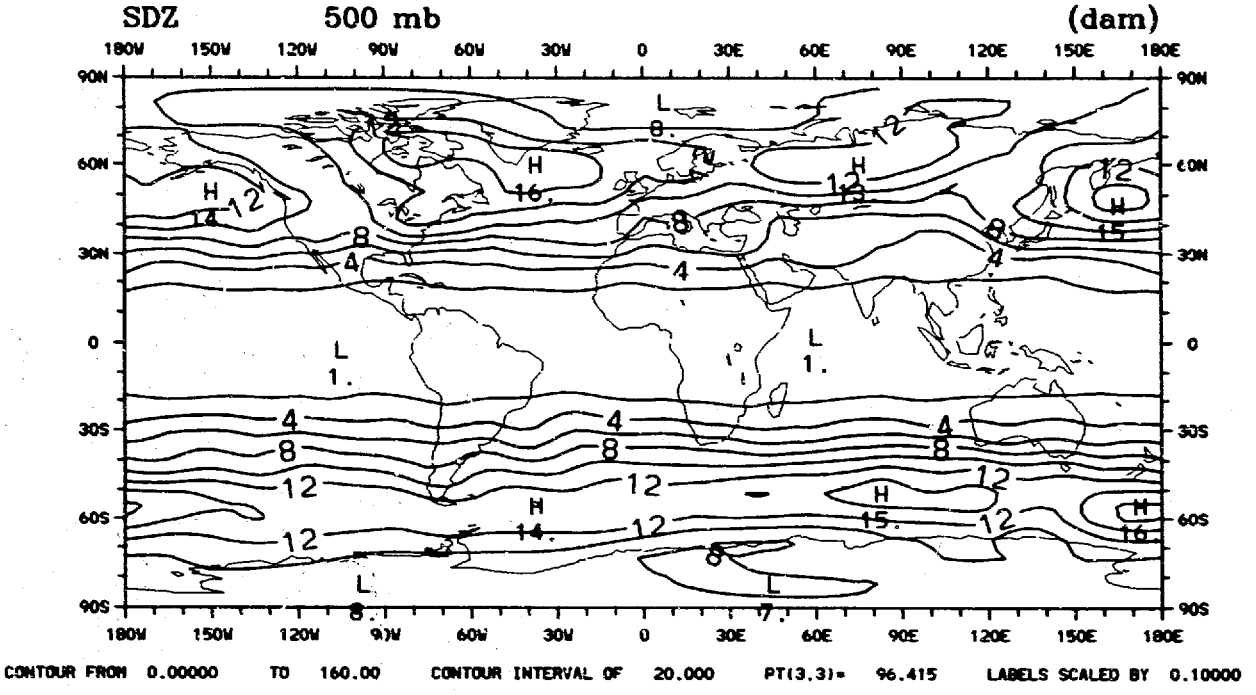

FRAME 2.28

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



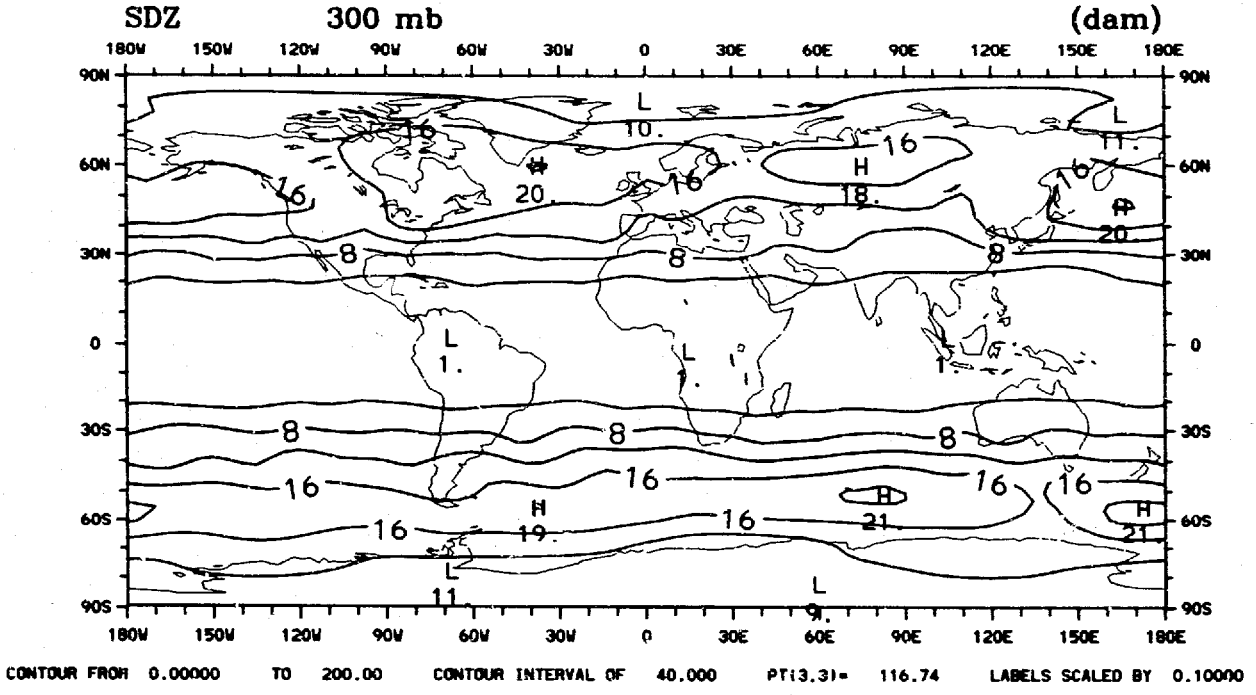

FRAME 2.29

# EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.30

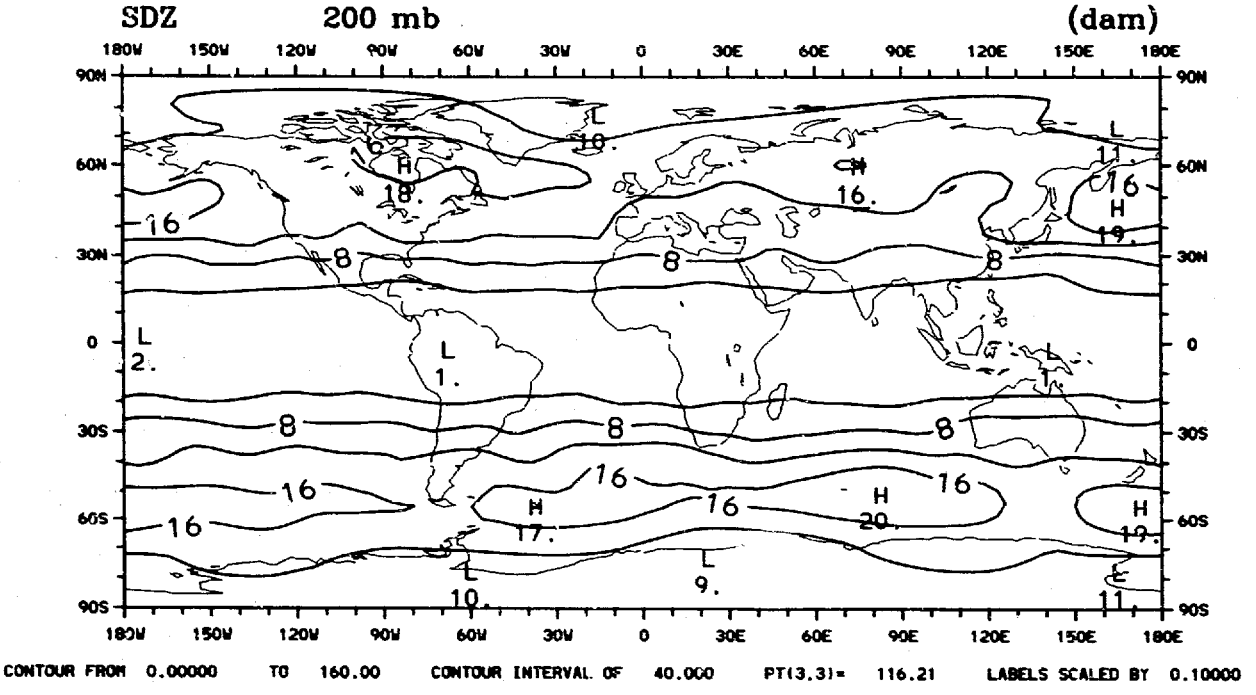
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 116.74 LABELS SCALED BY 0.10000

FRAME 2.31

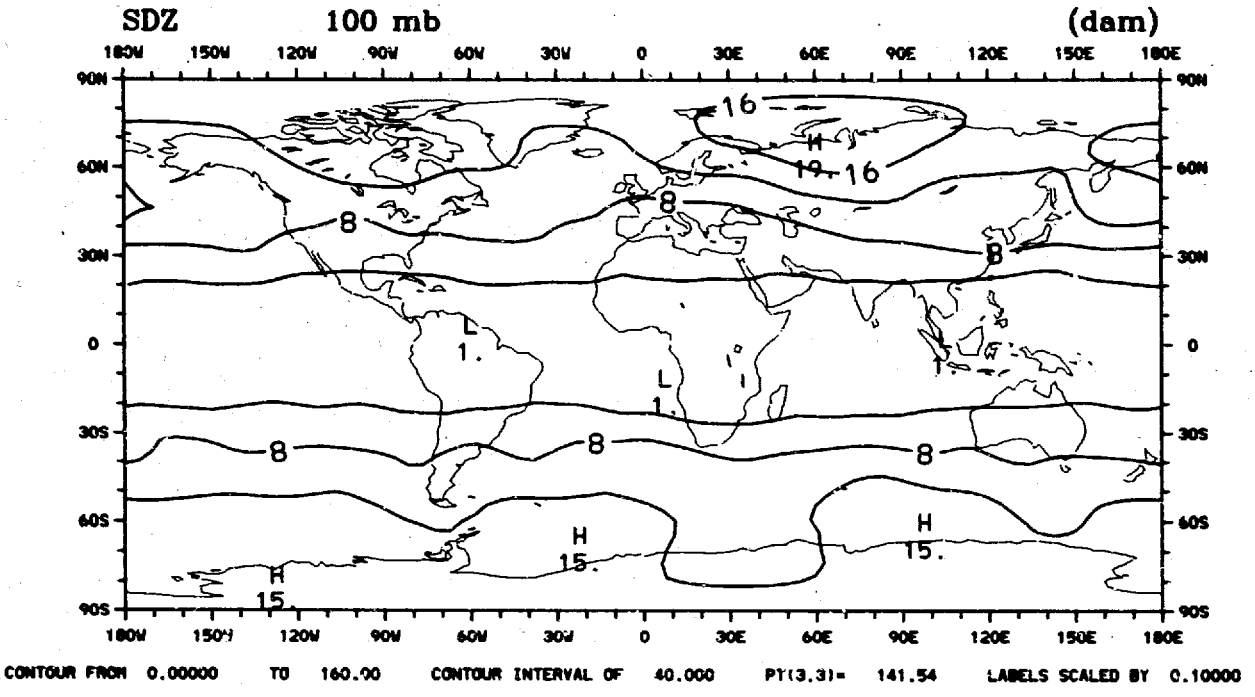
# EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 116.21 LABELS SCALED BY 0.10000

FRAME 2.32

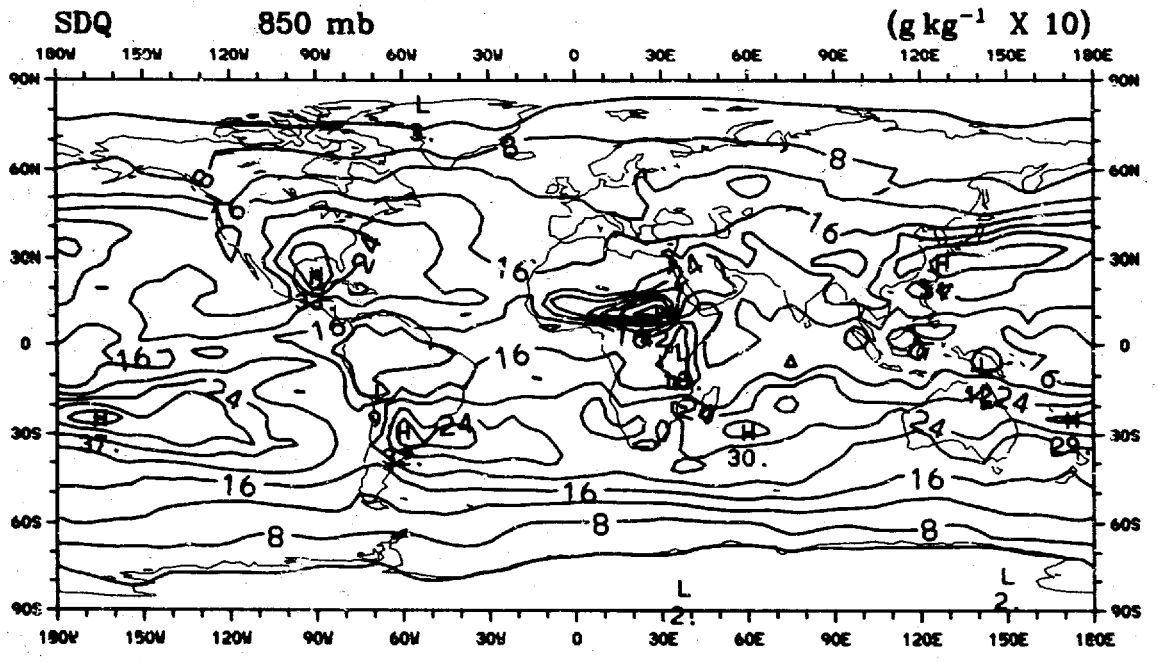
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40.000 PY(3,3)= 141.54 LABELS SCALED BY 0.10000

FRAME 2.33

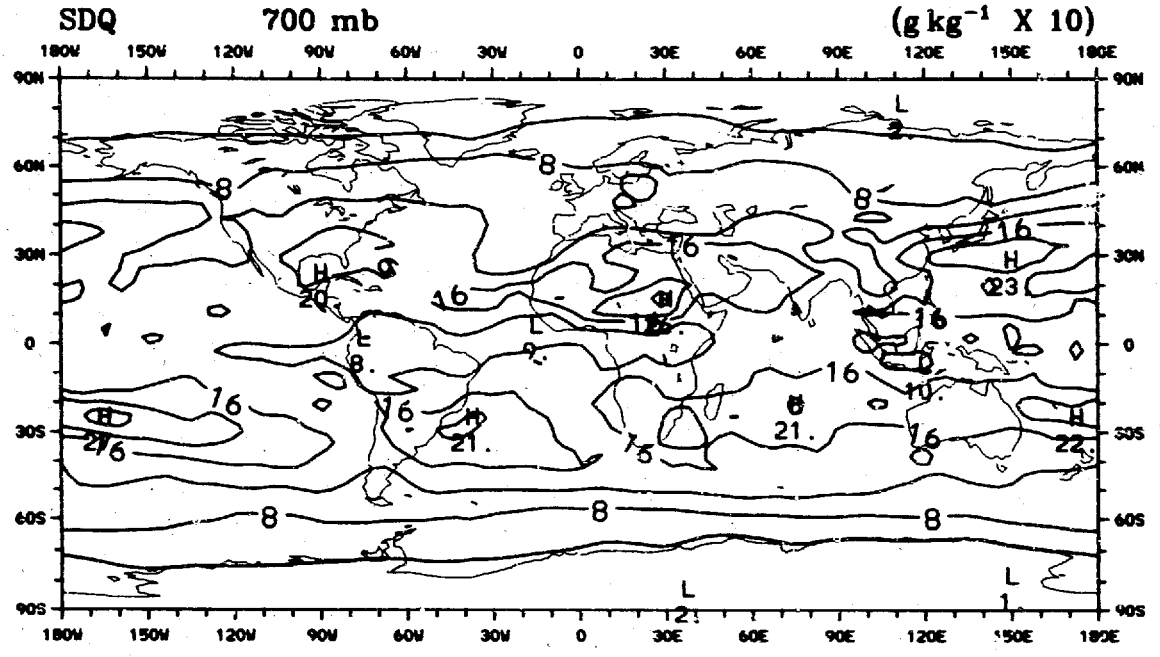
## EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.40000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.42446E-03 LABELS SCALED BY 10000.

FRAME 2.34

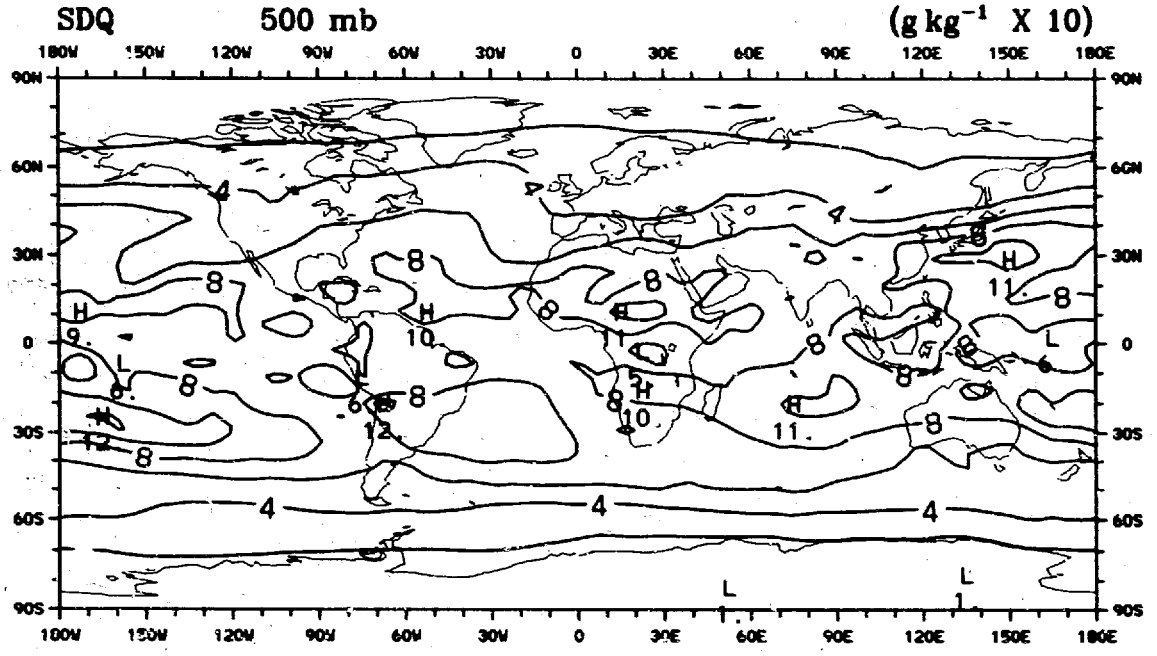
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.28904E-03 LABELS SCALED BY 10000.

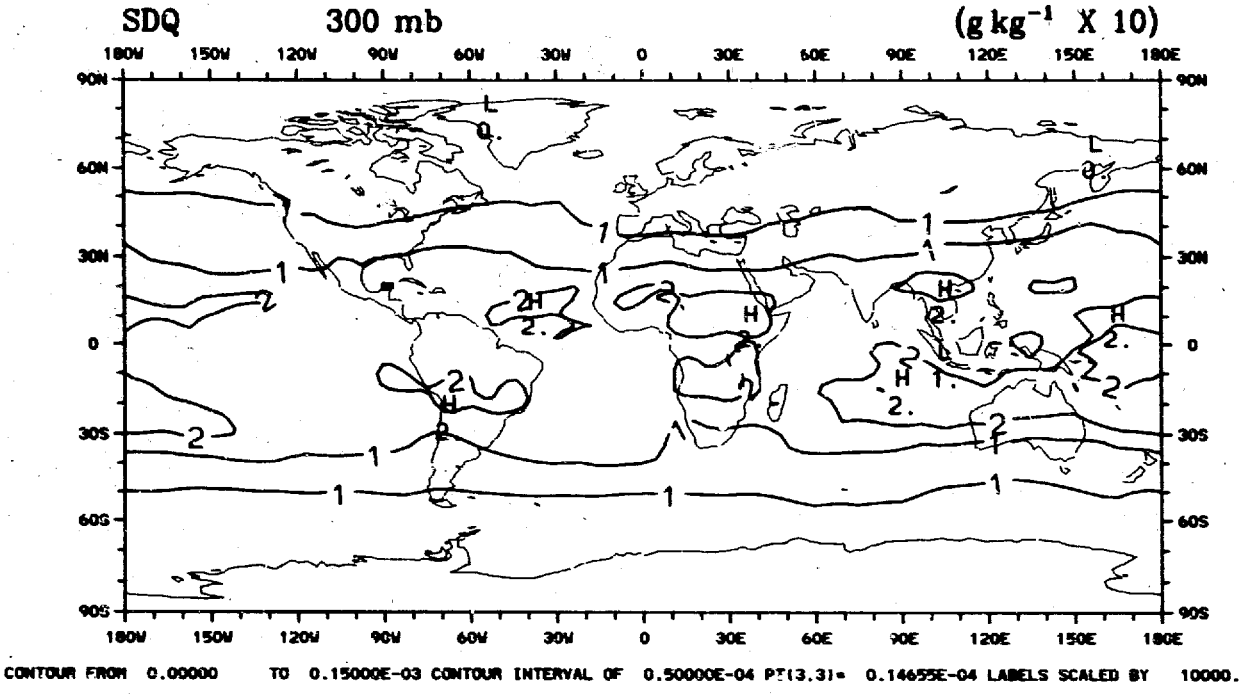
FRAME 2.35

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



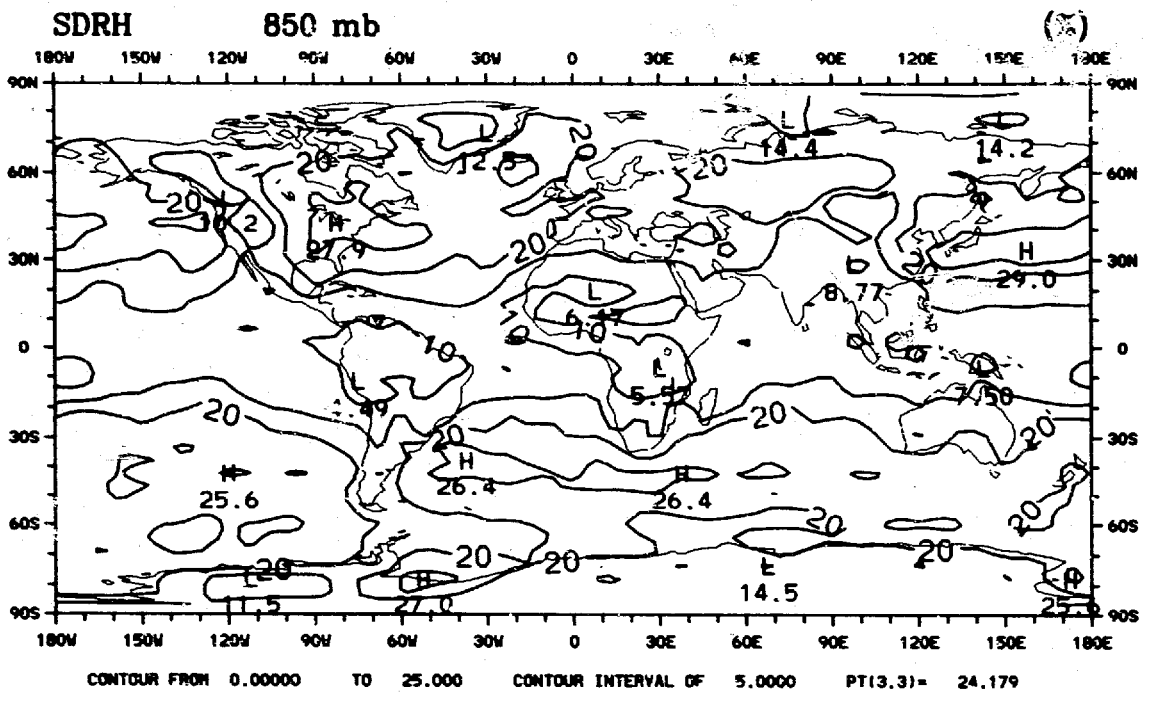

FRAME 2.36

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



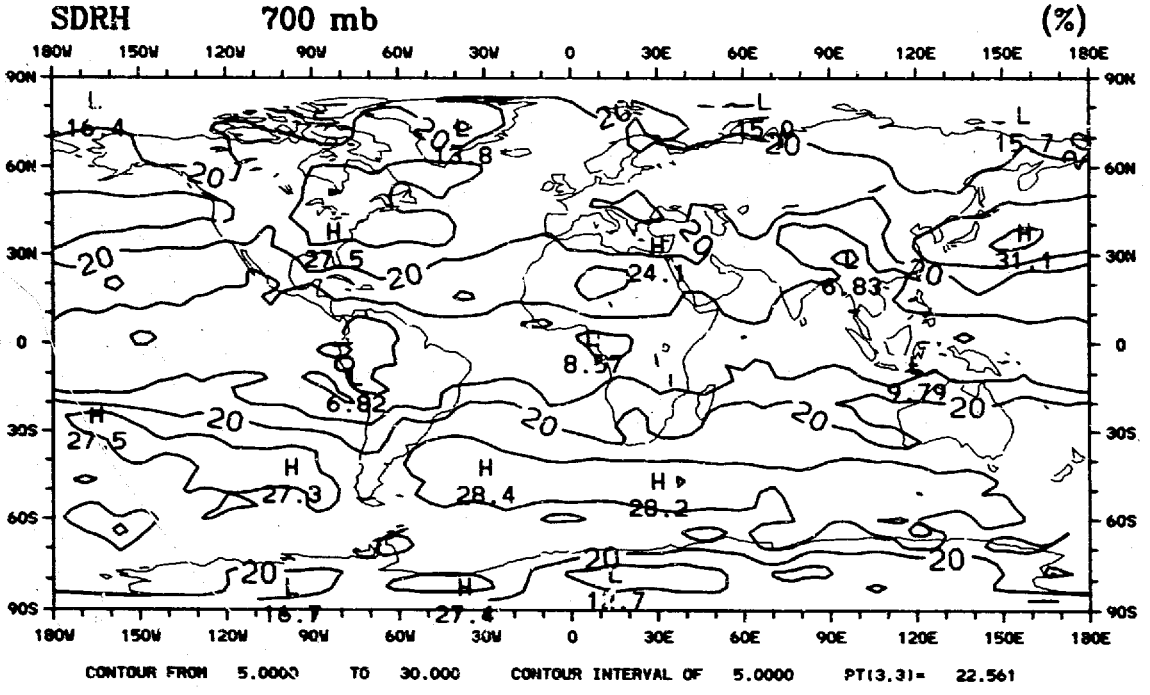

FRAME 2.37

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



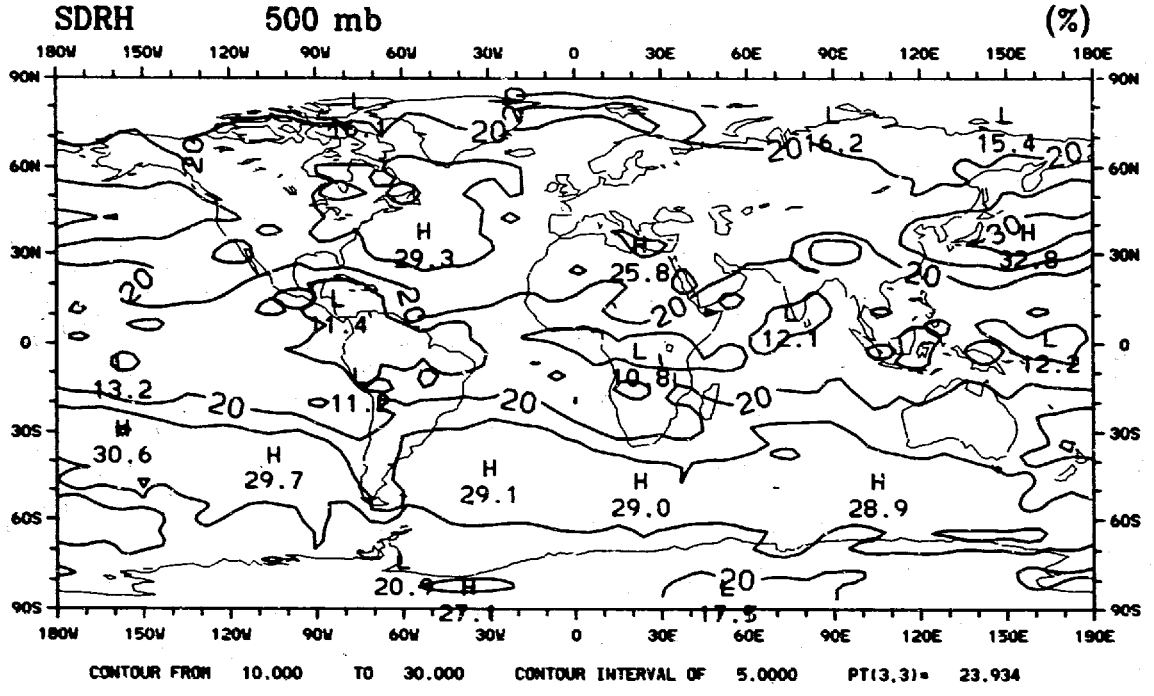

FRAME 2.38

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.39

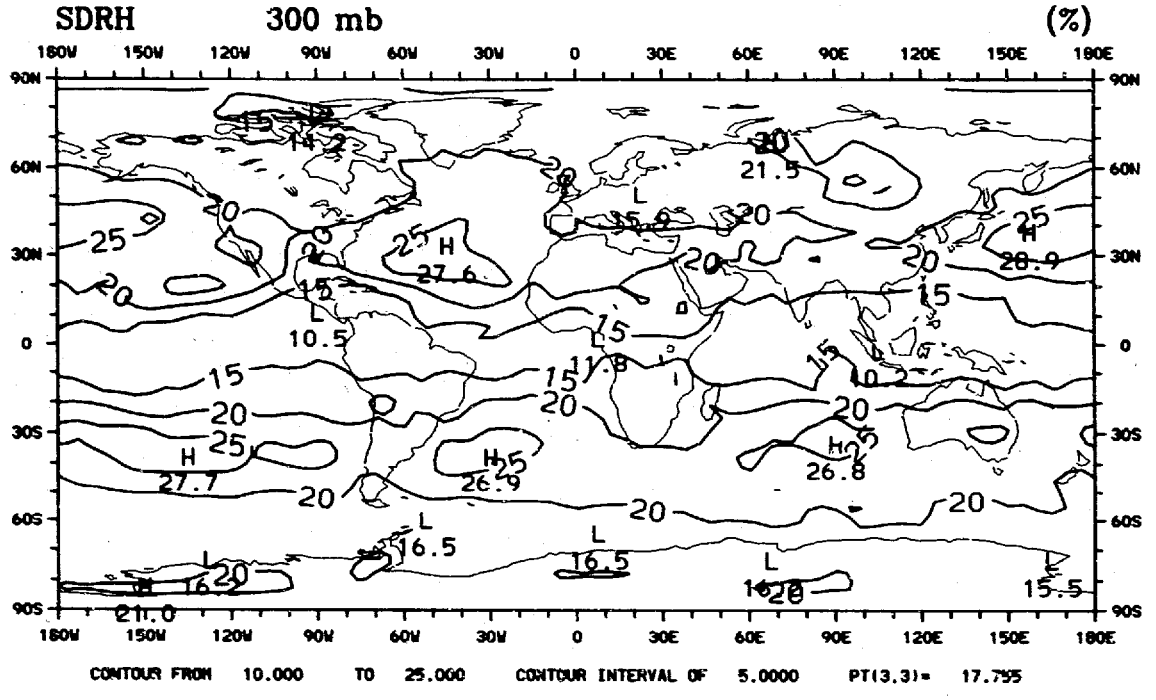
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 10.000 TO 30.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 23.934

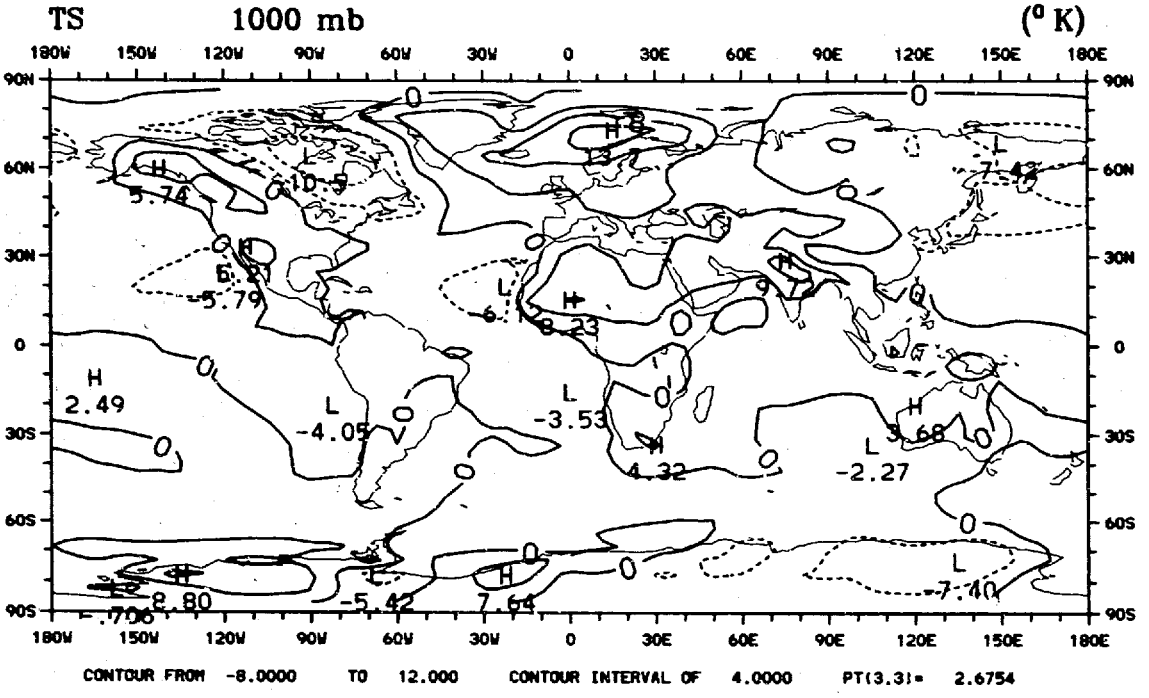
FRAME 2.40

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



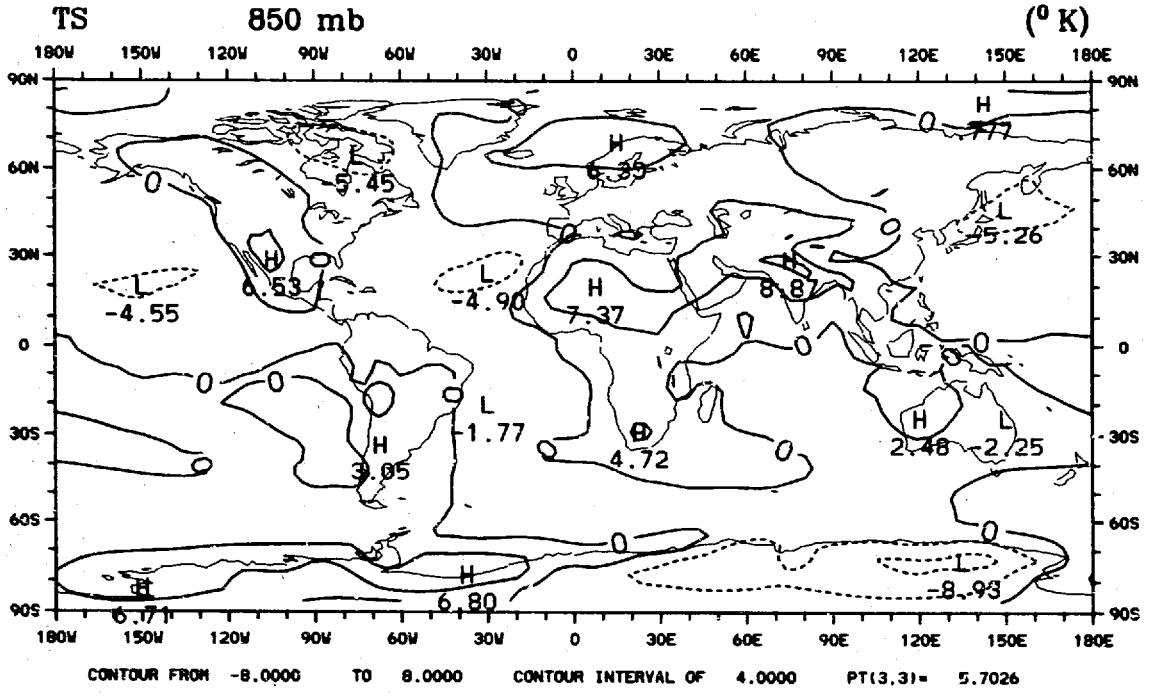

FRAME 2.41

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



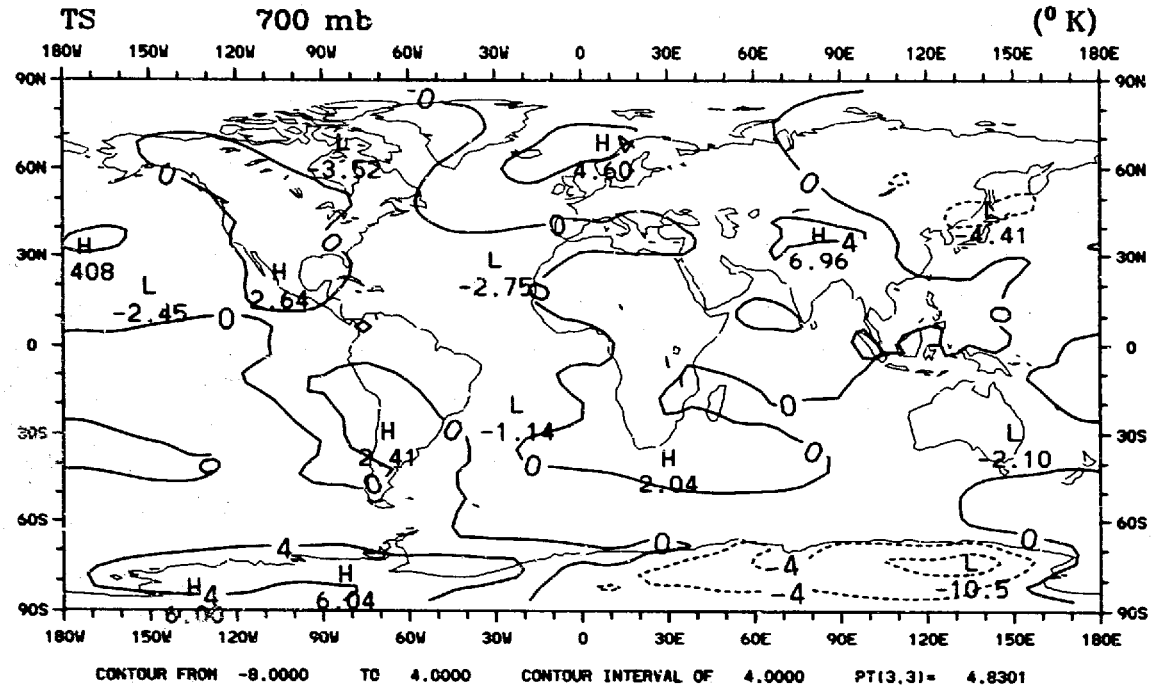

FRAME 2.42

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



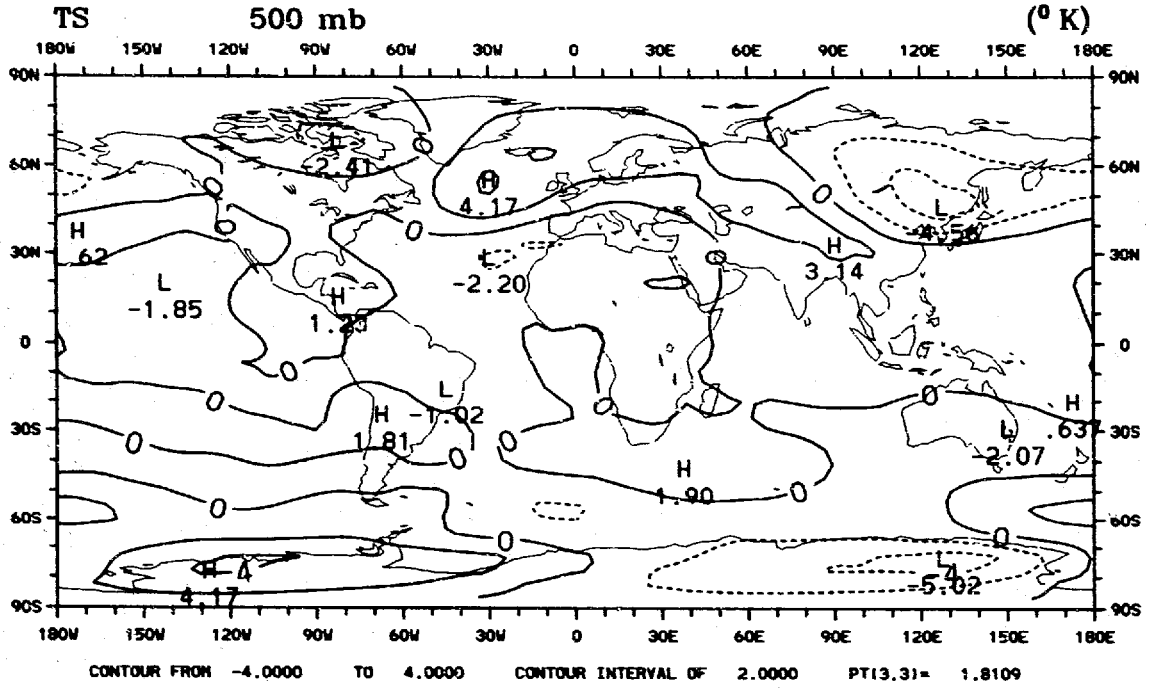

FRAME 2.43

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



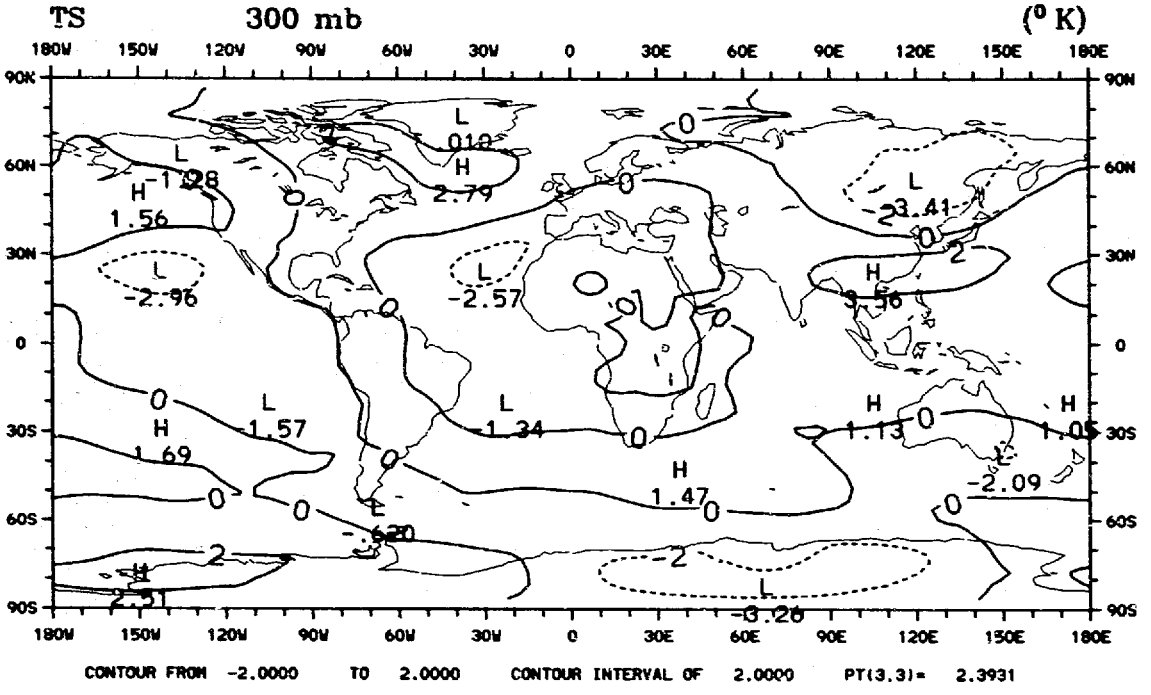

FRAME 2.44

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

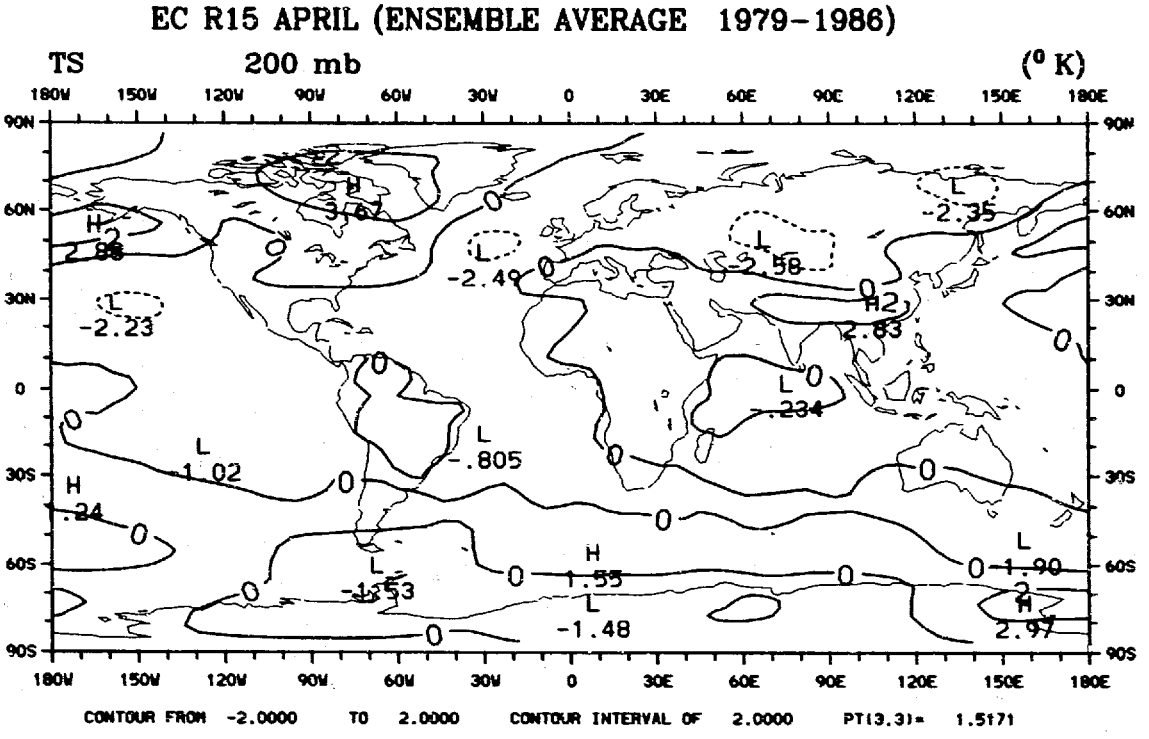



FRAME 2.45

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

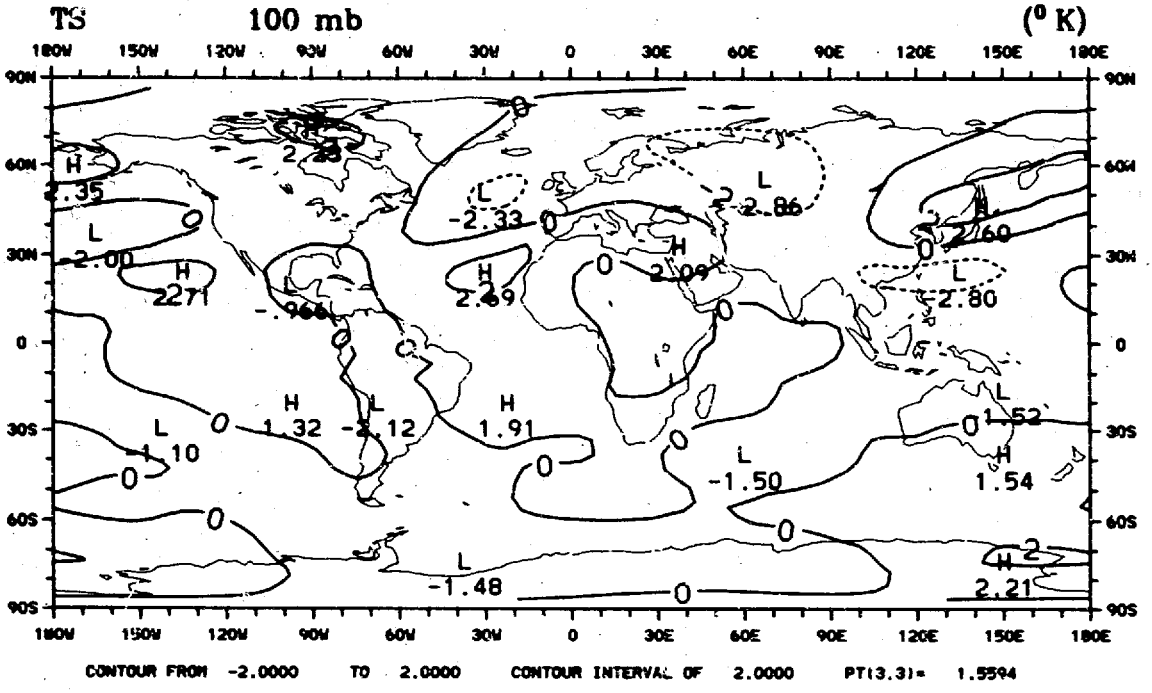



FRAME 2.46


EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)
TS
200 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 3.67
H 2.88
L -2.23
L -2.49
L -2.58
L -2.35
H 2.83
L -.234
L -.805
L 1.02
H .24
L -1.53
H 1.55
L -1.48
L -1.90
H 2.97
CONTOUR FROM -2.0000 TO 2.0000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 1.5171

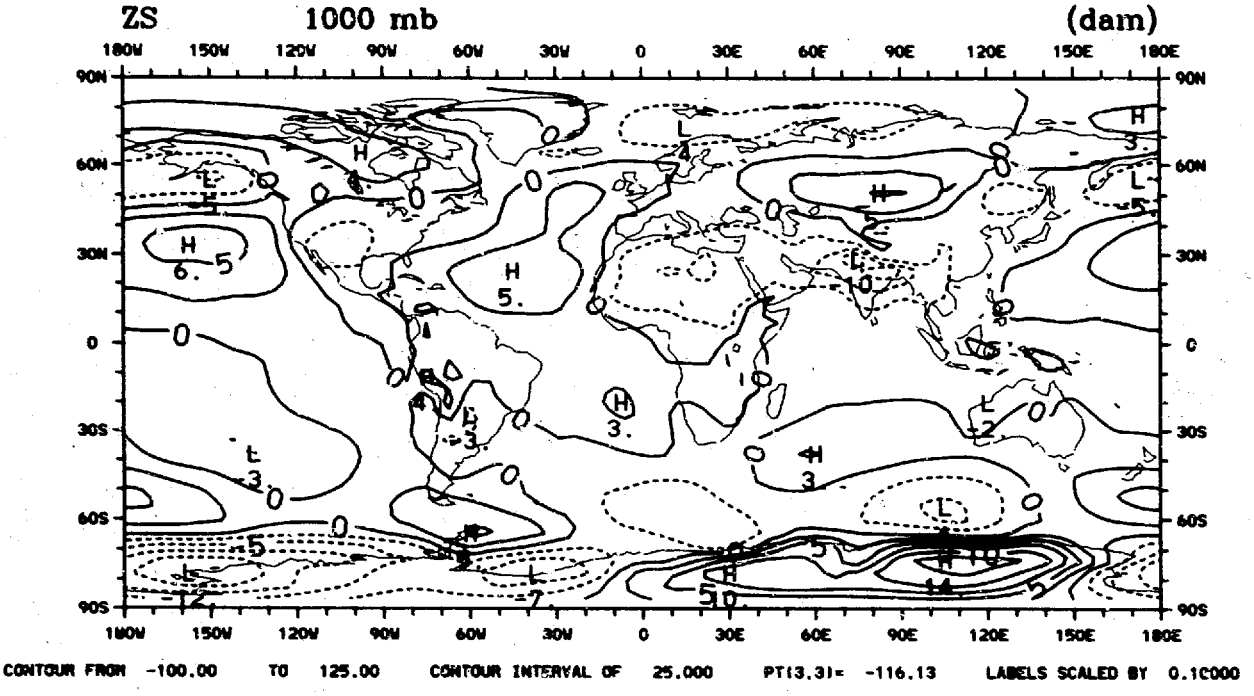
FRAME 2.47

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.48

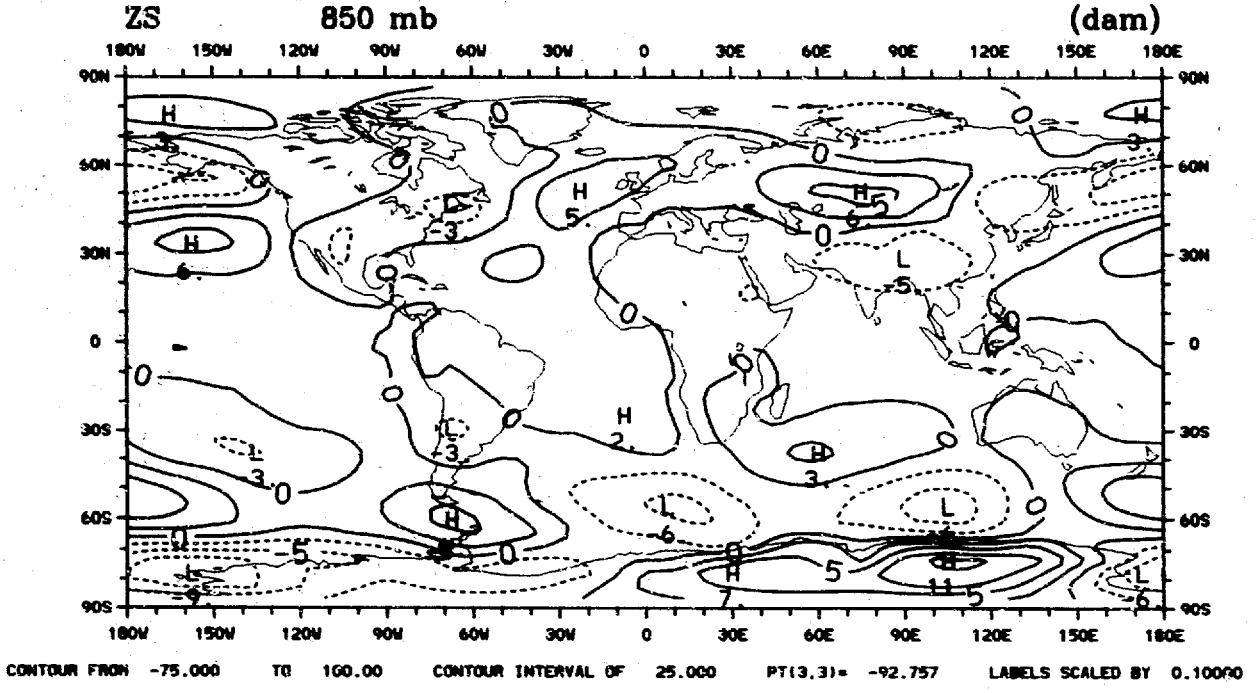
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -100.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -116.13 LABELS SCALED BY 0.1C000

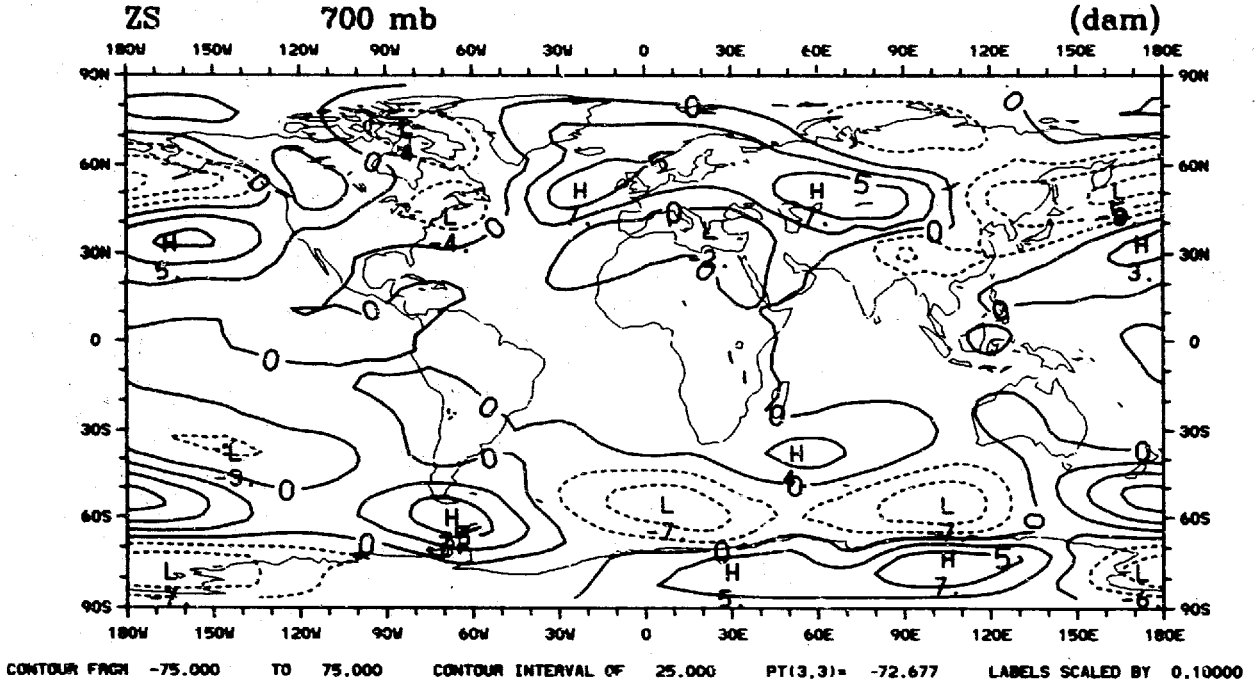
FRAME 2.49

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



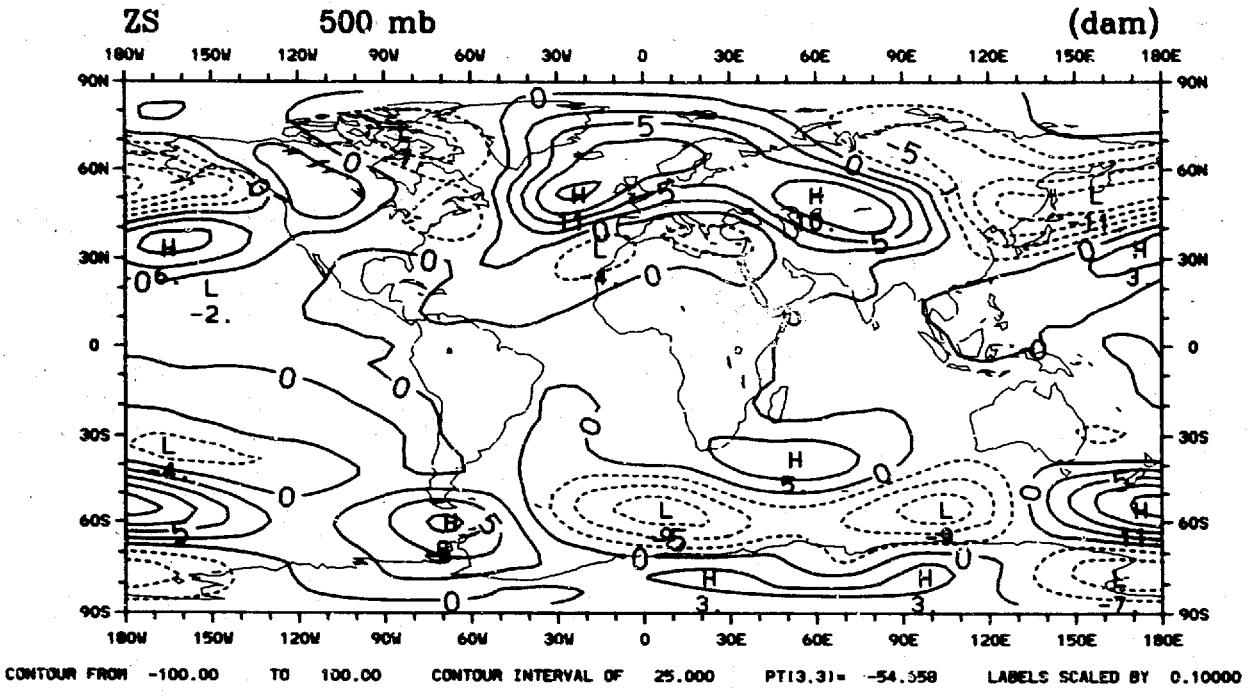

FRAME 2.50

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



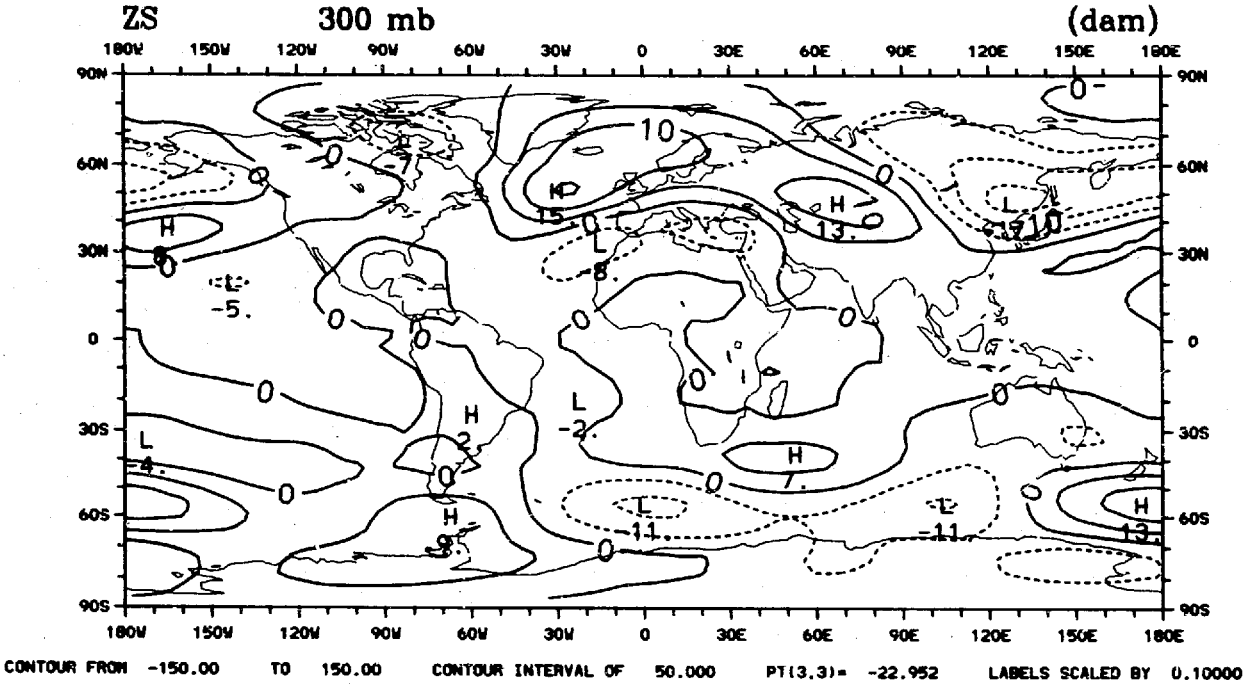

FRAME 2.51

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



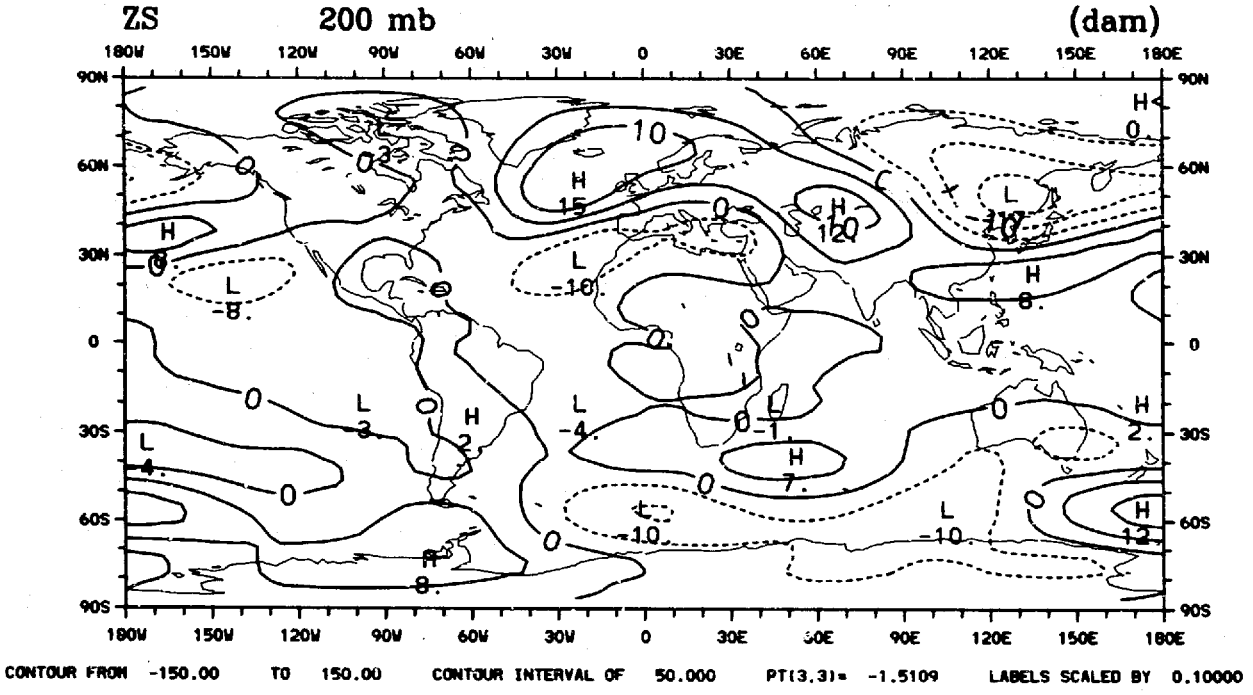

FRAME 2.52

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.53

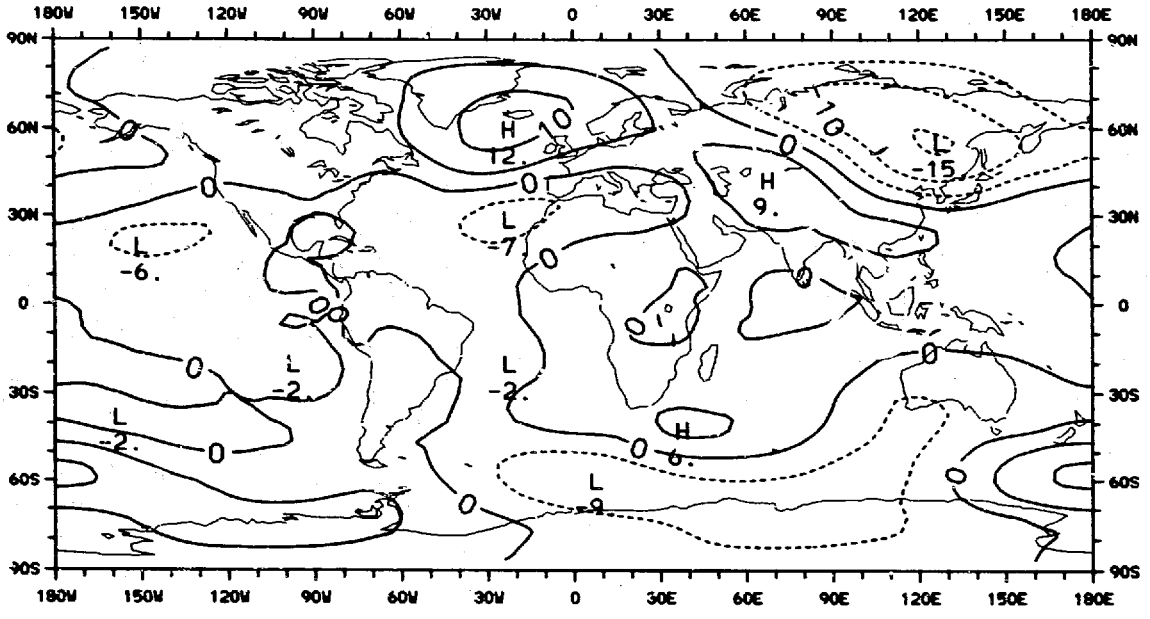
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.54

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

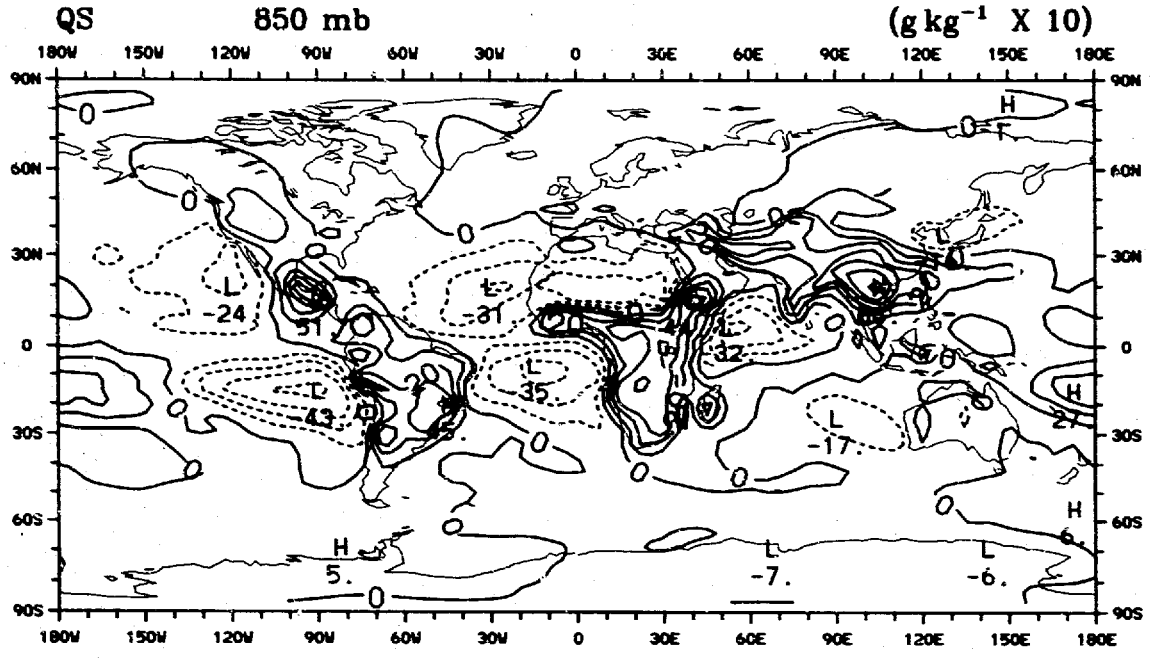
ZS 100 mb (dam)




CONTOUR FROM -150.00 TO 100.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 28.305 LABELS SCALED BY 0.10000

FRAME 2.55

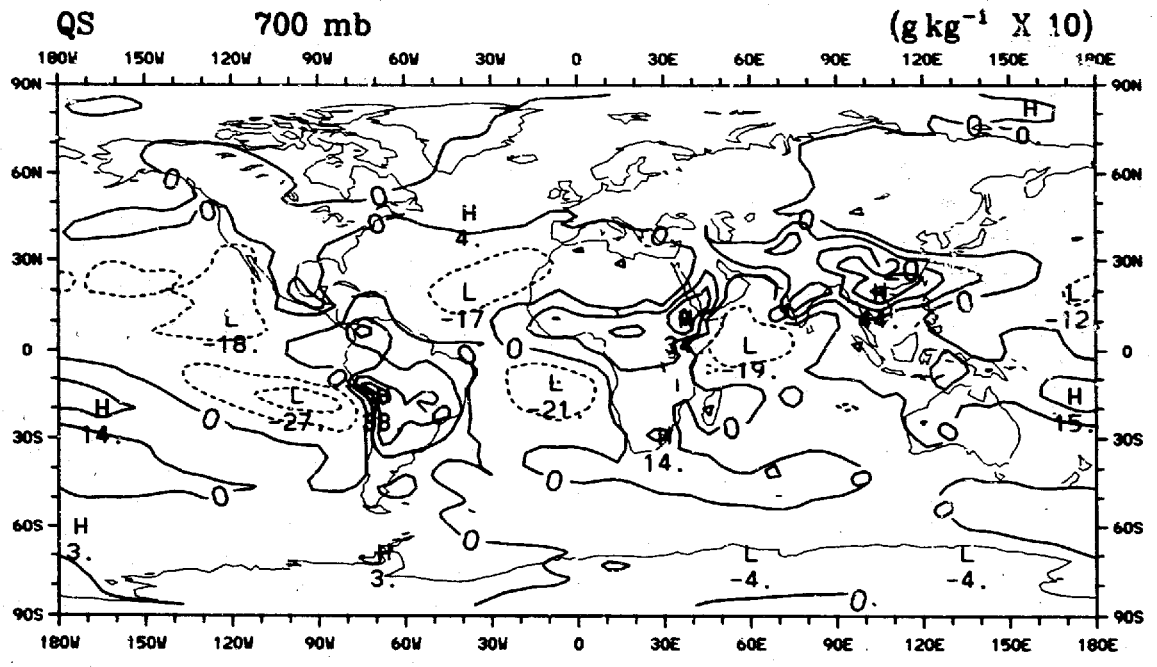
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3.3)= 0.14382E-03 LABELS SCALED BY 10000.

FRAME 2.56

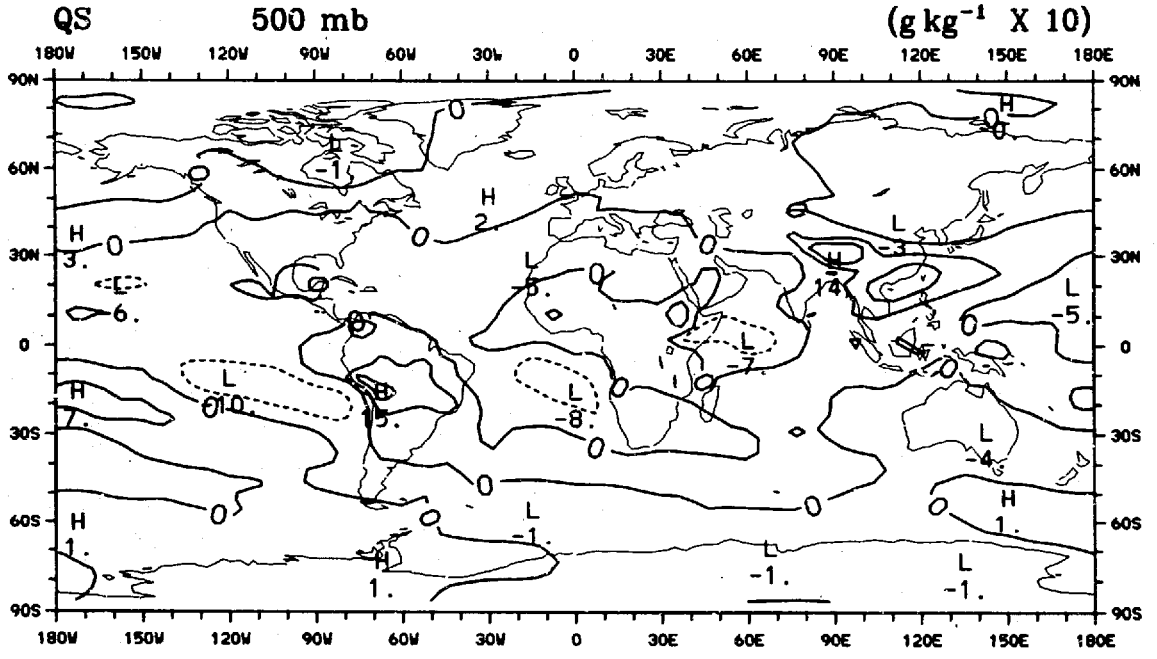
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.40844E-04 LABELS SCALED BY 10000.

FRAME 2.57

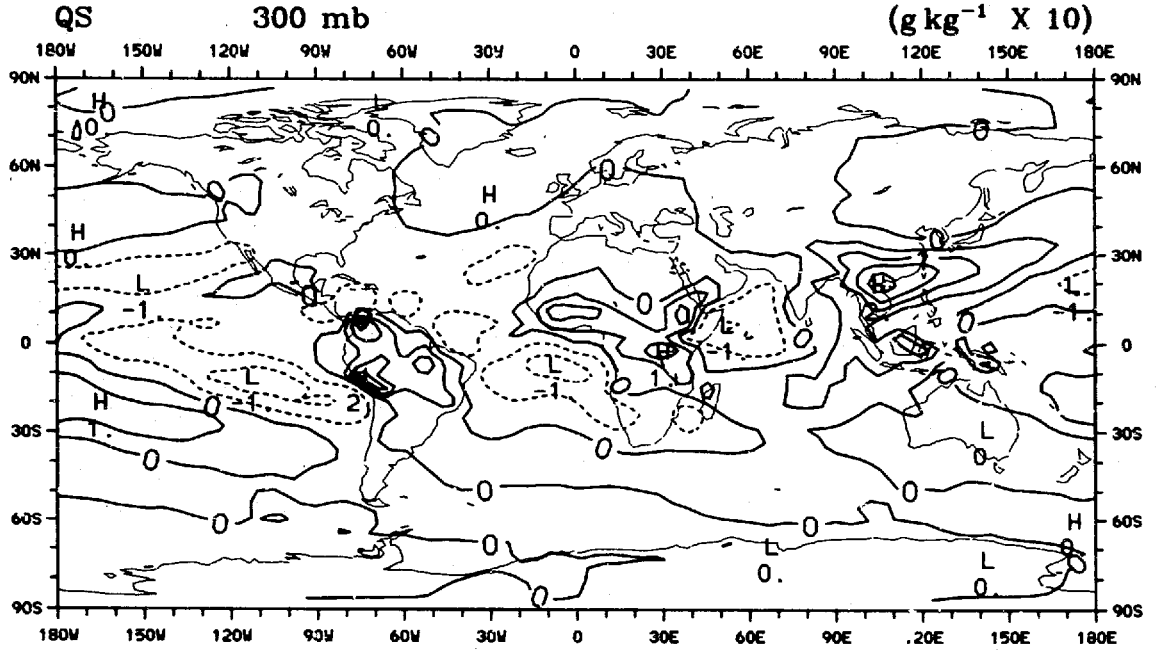
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-03 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.44730E-05 LABELS SCALED BY 10000.

FRAME 2.58

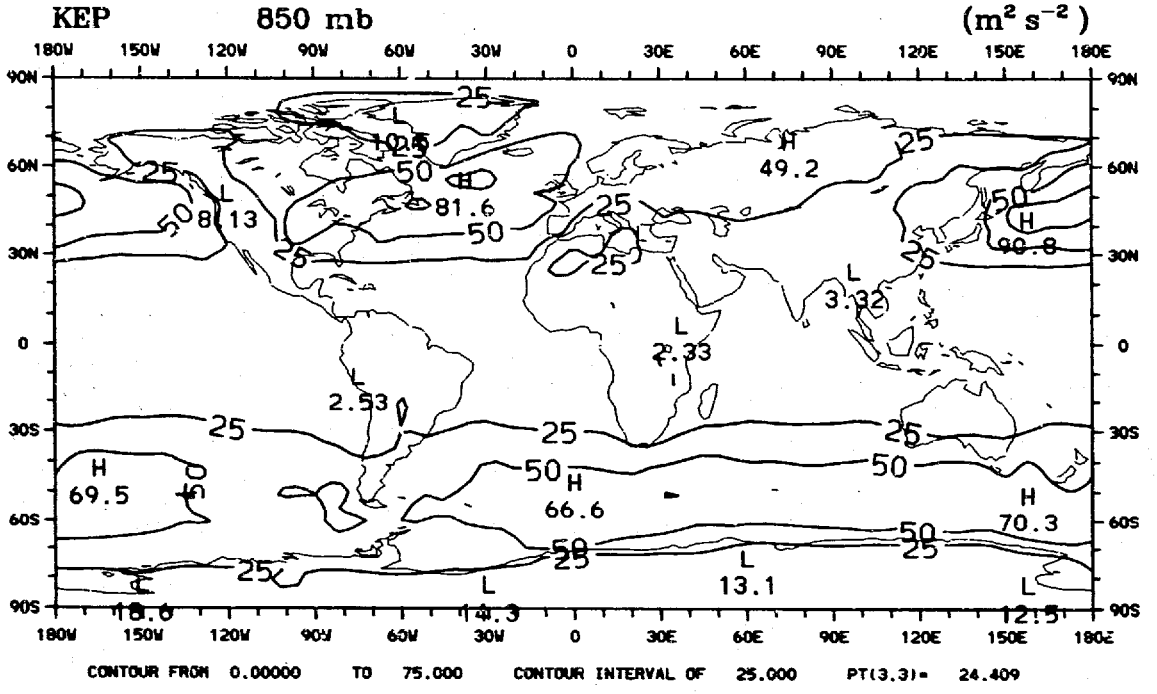
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-03 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.87009E-06 LABELS SCALED BY 10000.

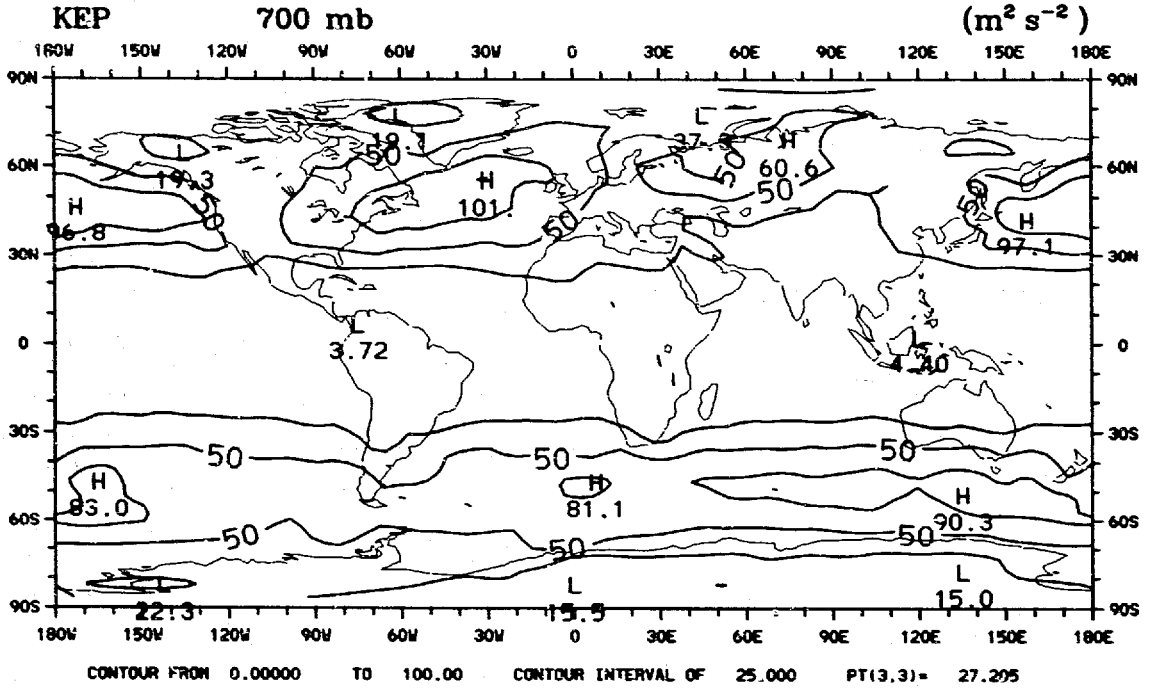
FRAME 2.59

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



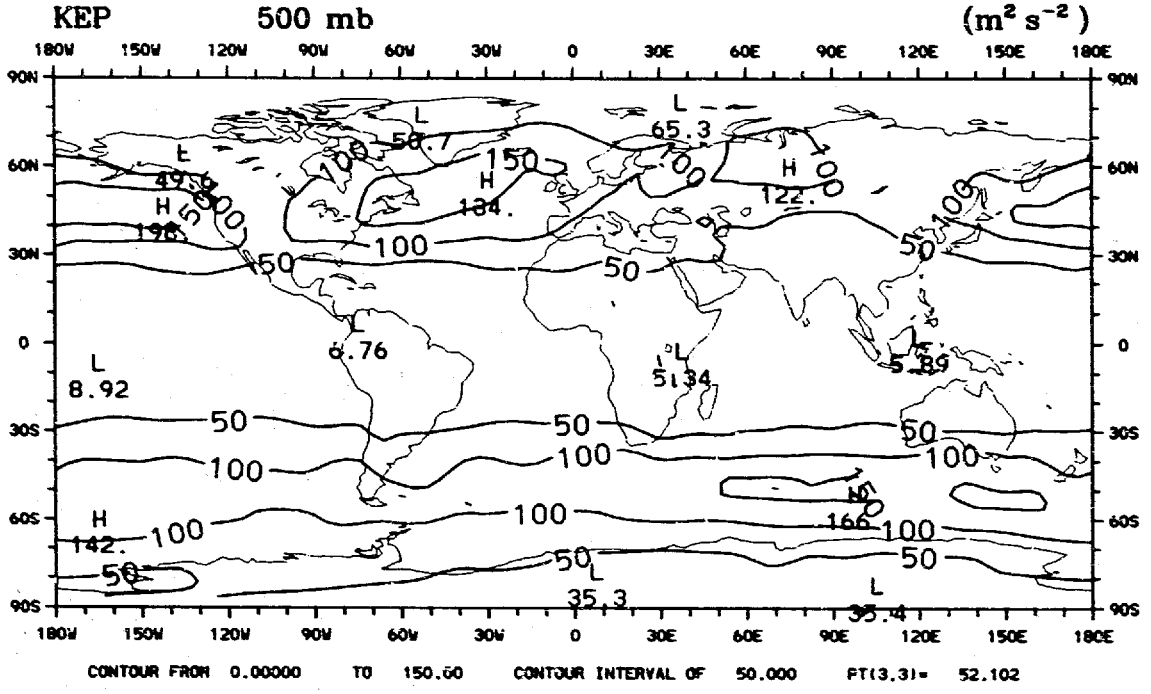

FRAME 2.60

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



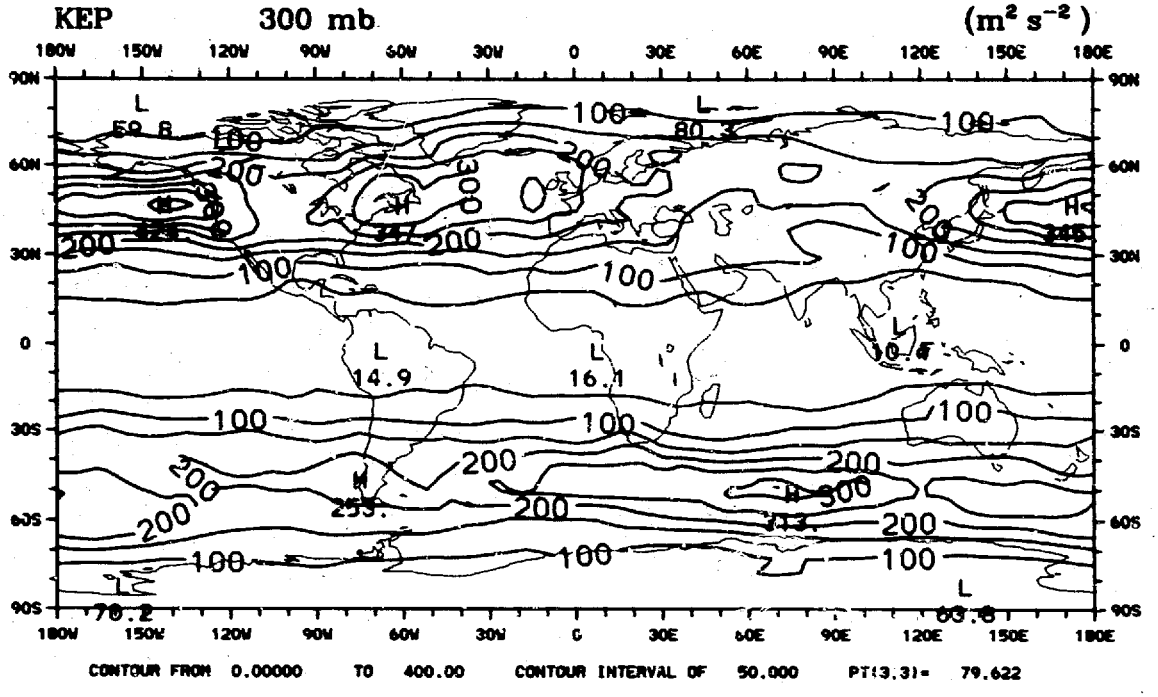

FRAME 2.61

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



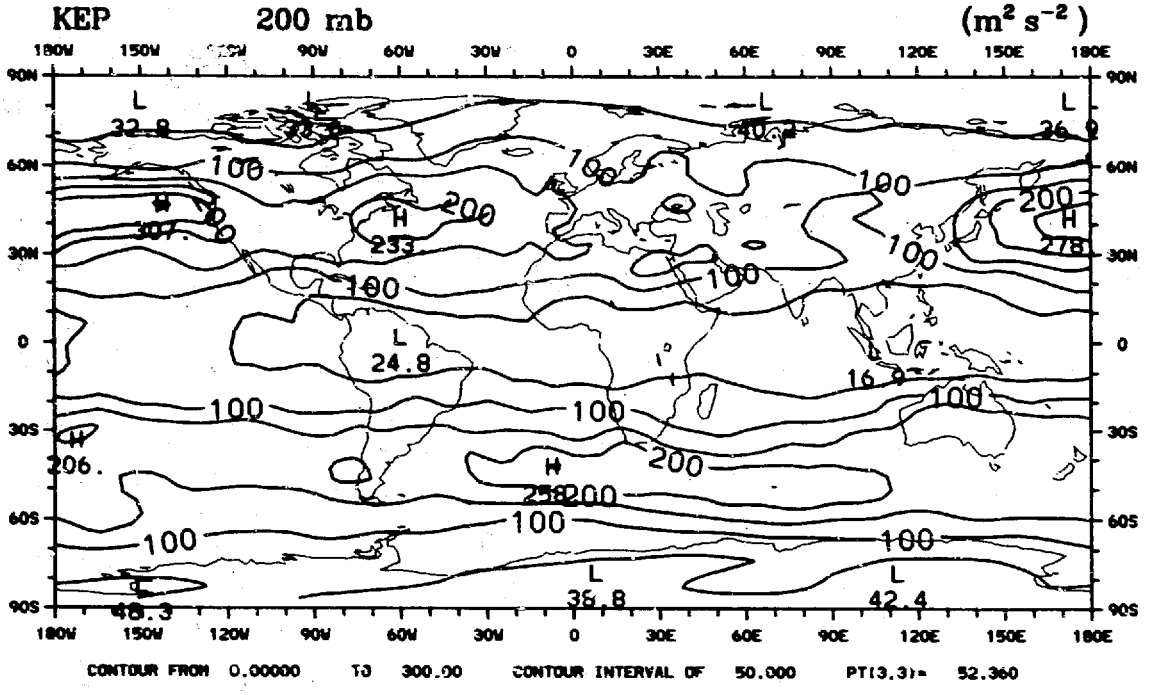

FRAME 2.62

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)



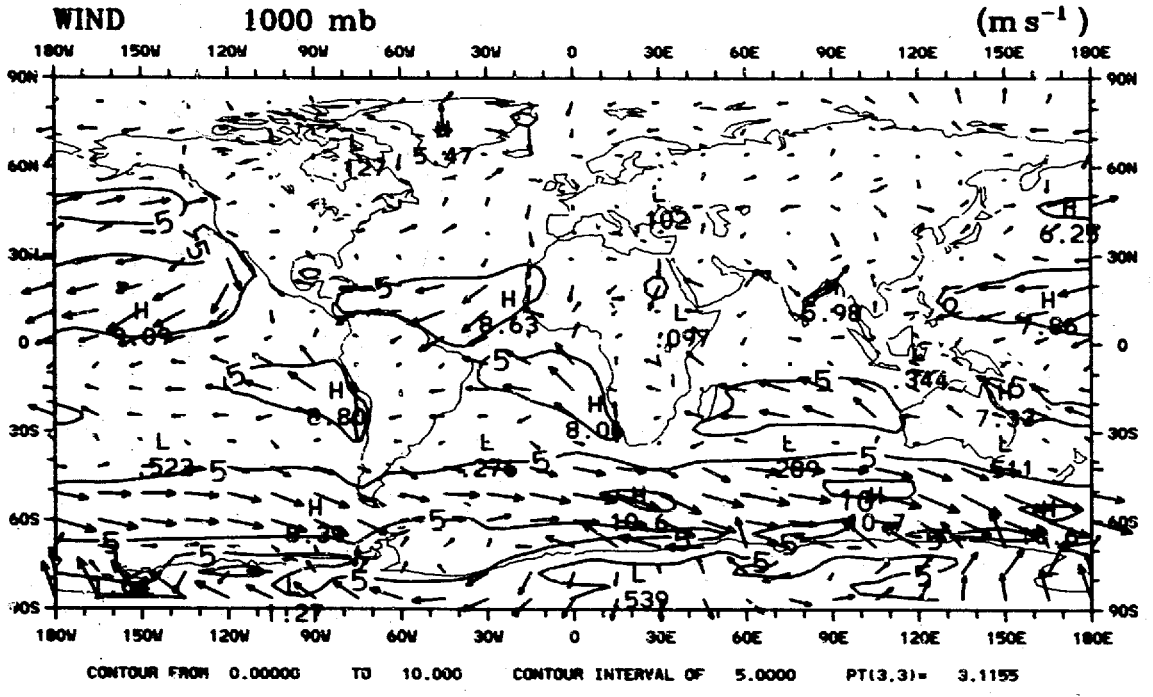

FRAME 2.63

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

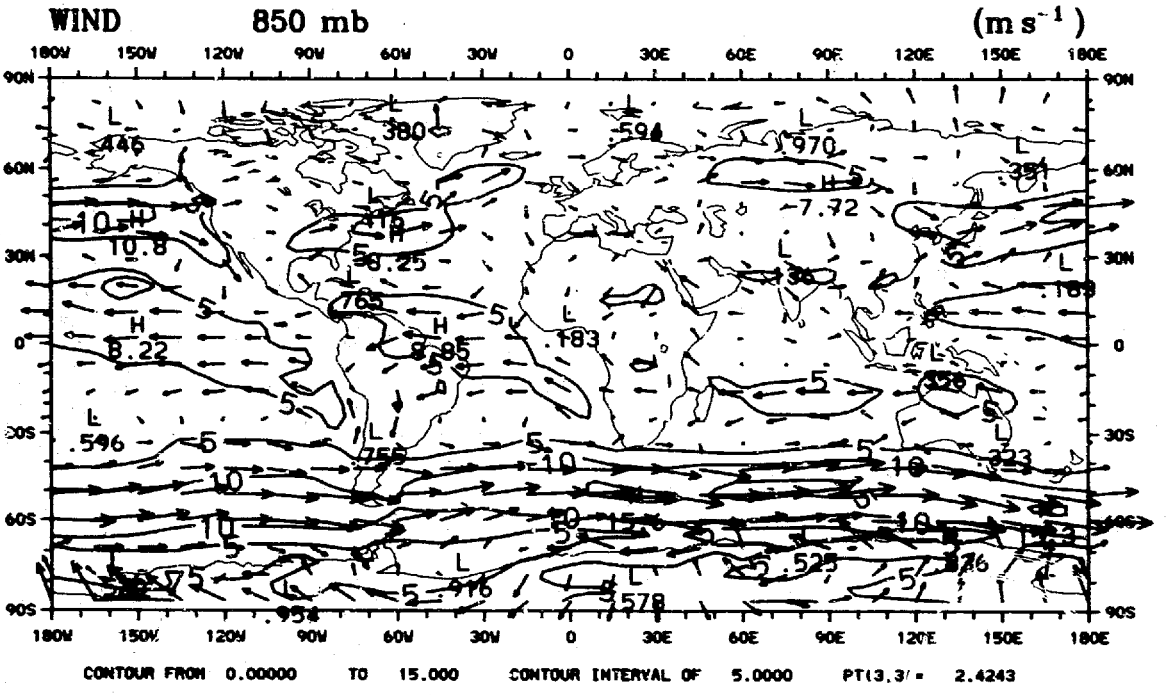
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

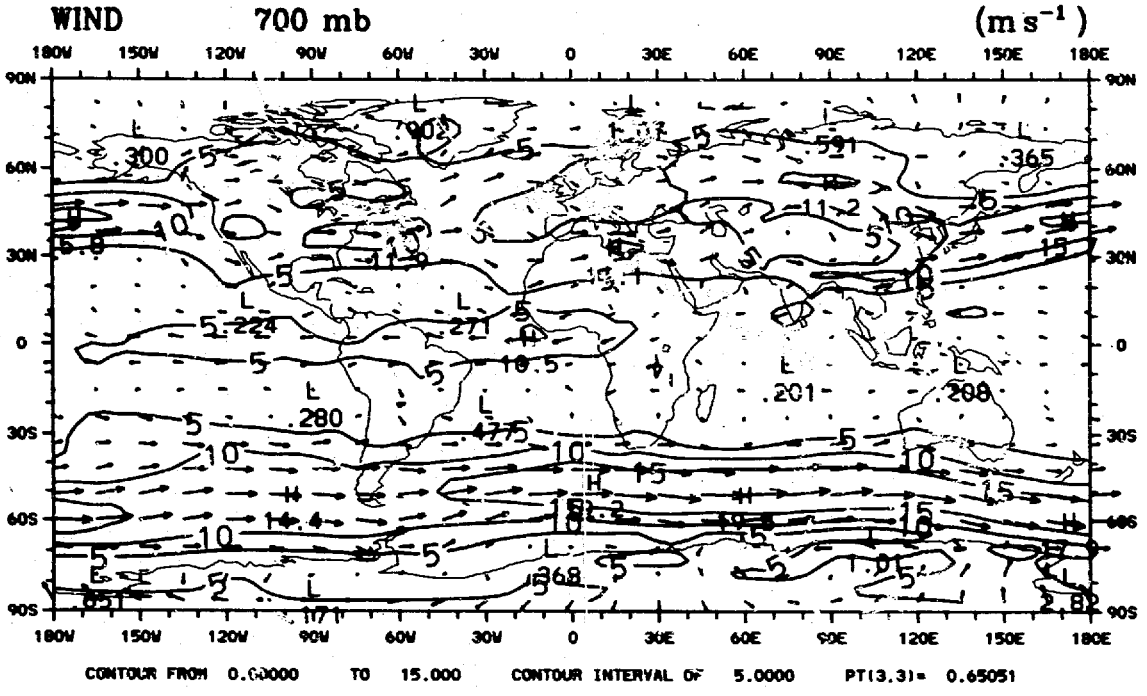
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.66

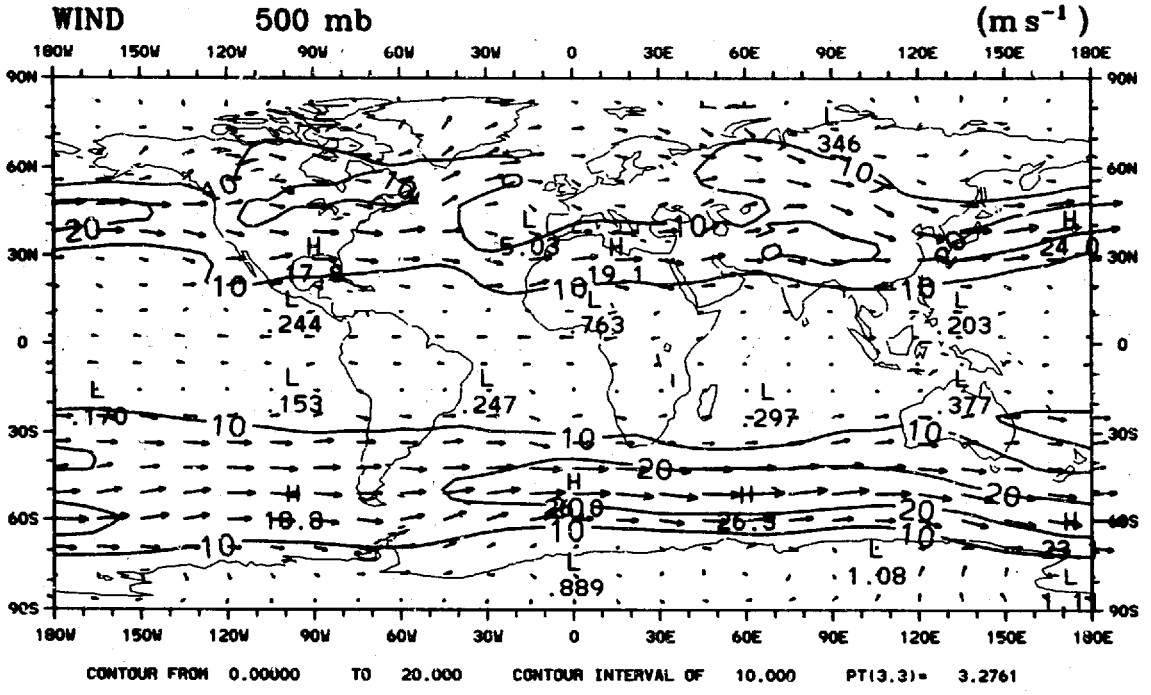
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.200E+02 →
SCALING VECTOR

FRAME 2.67

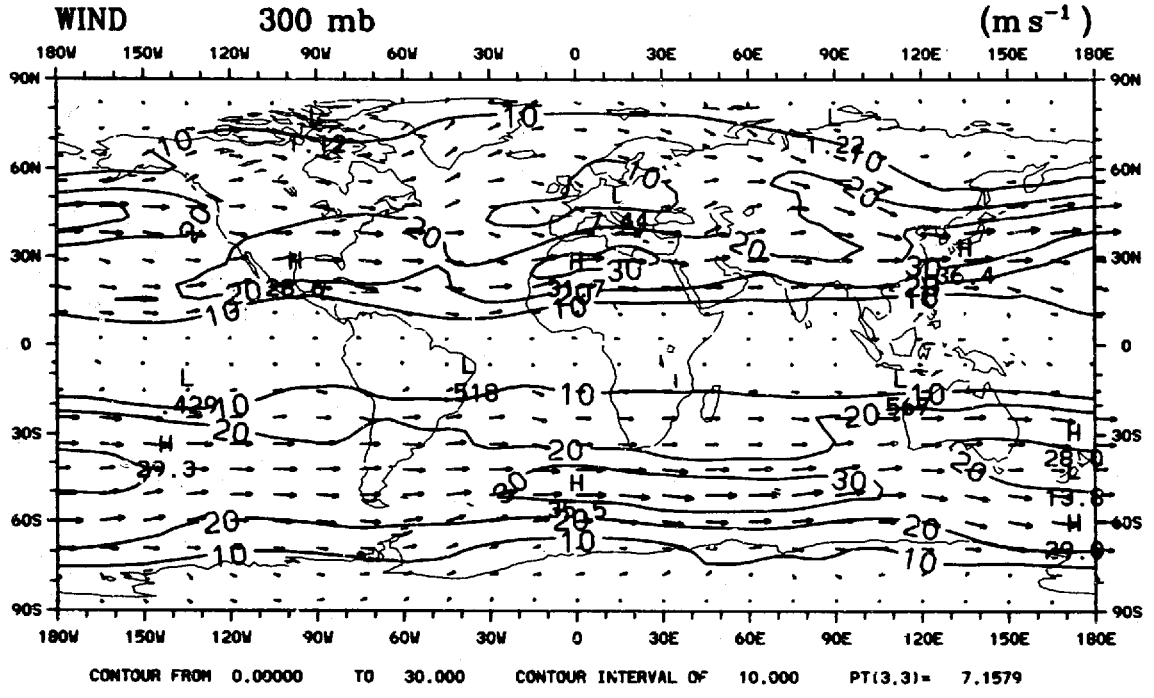
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.300E+02 →
SCALING VECTOR

FRAME 2.68

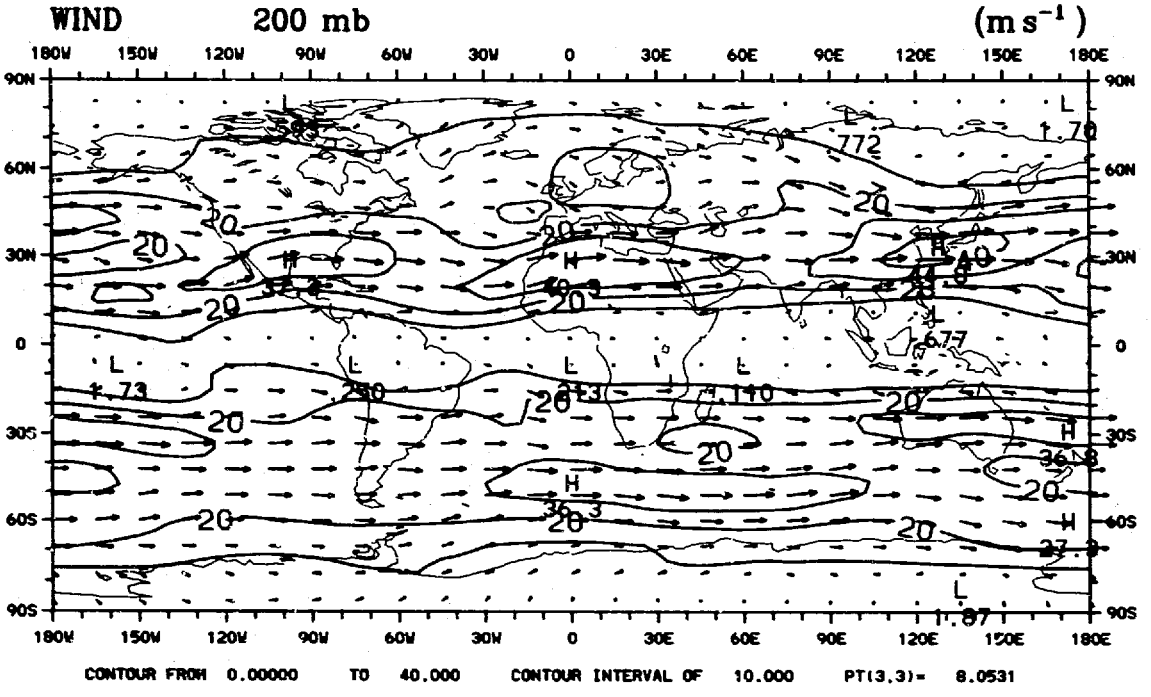
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

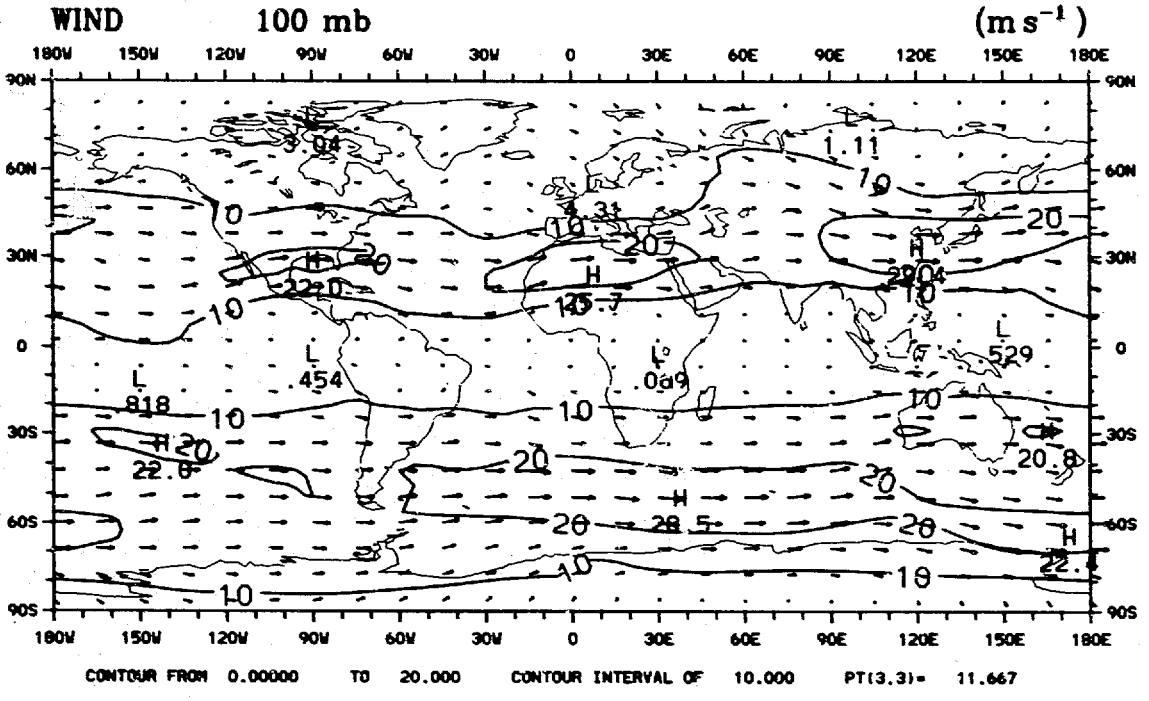
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.70

0.500E+02 →
SCALING VECTOR

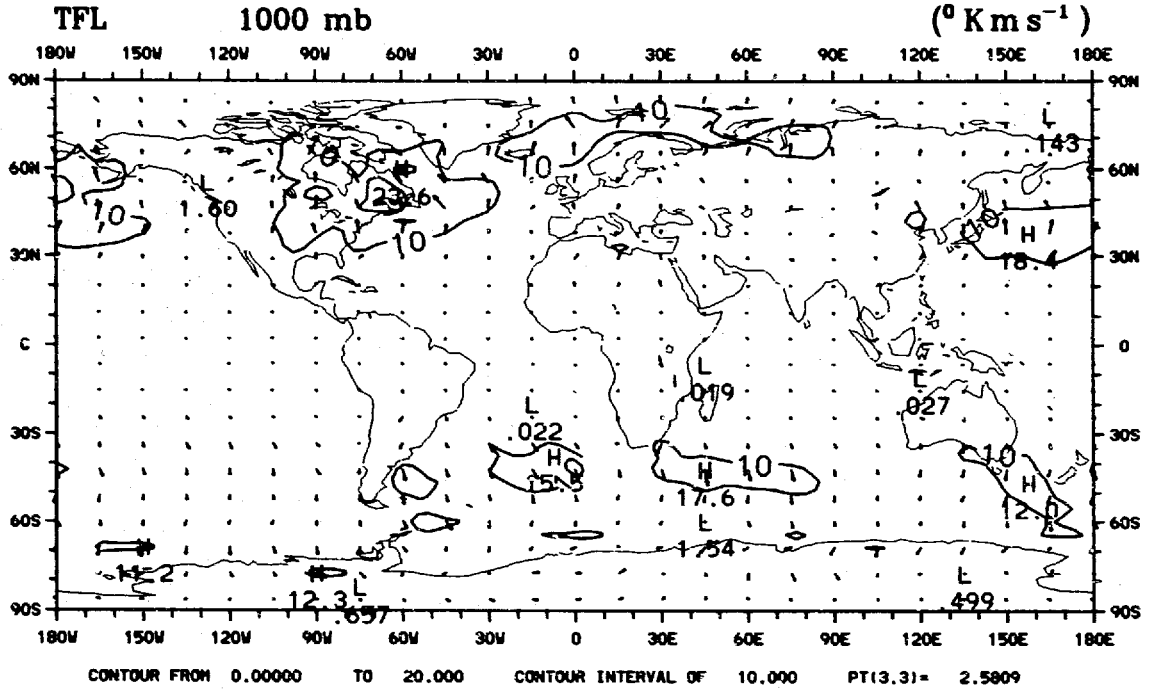
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.71

0.500E+02 →
SCALING VECTOR

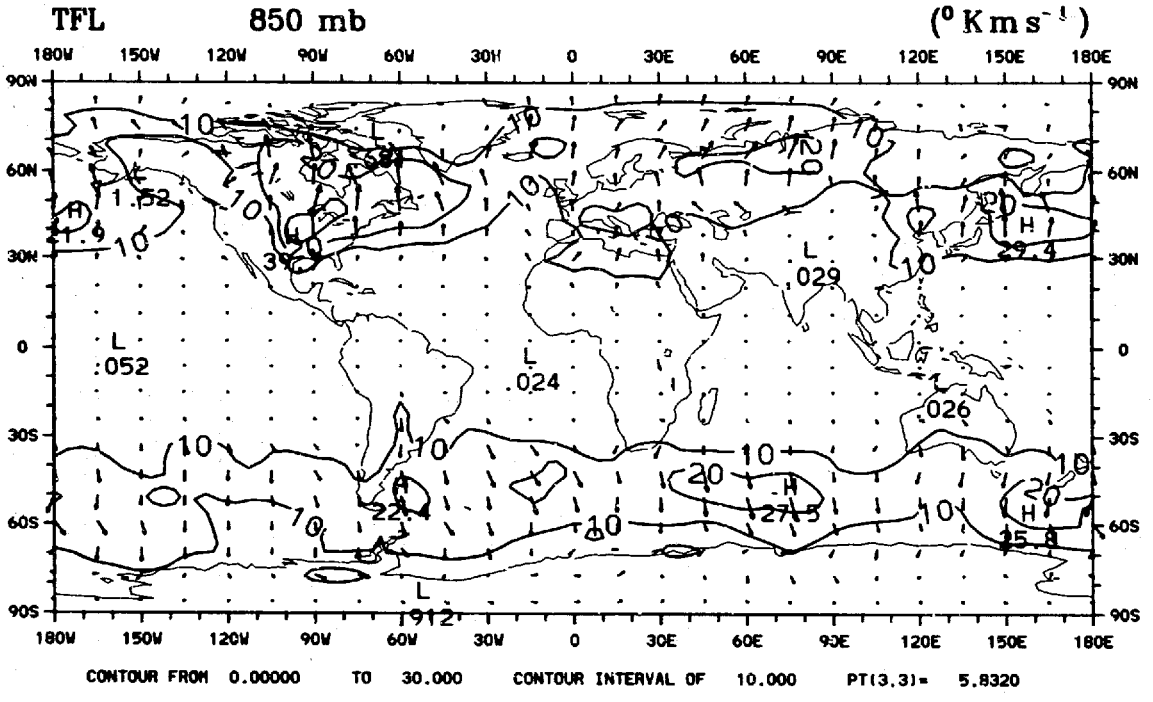
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.72

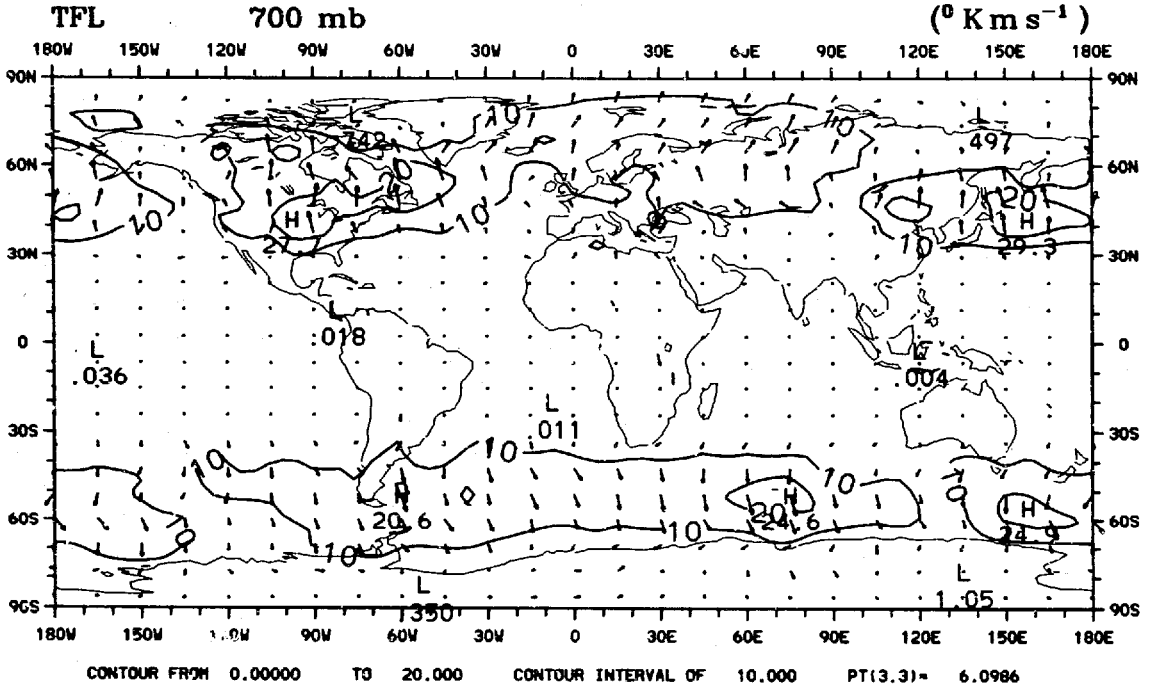
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

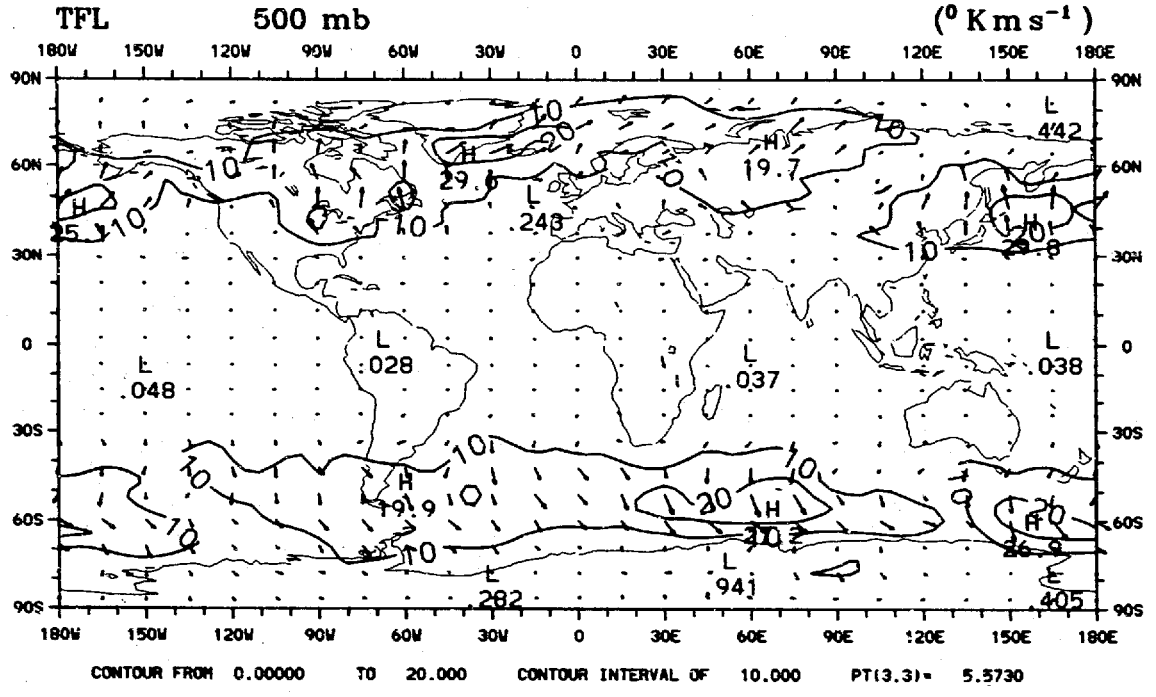
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.74

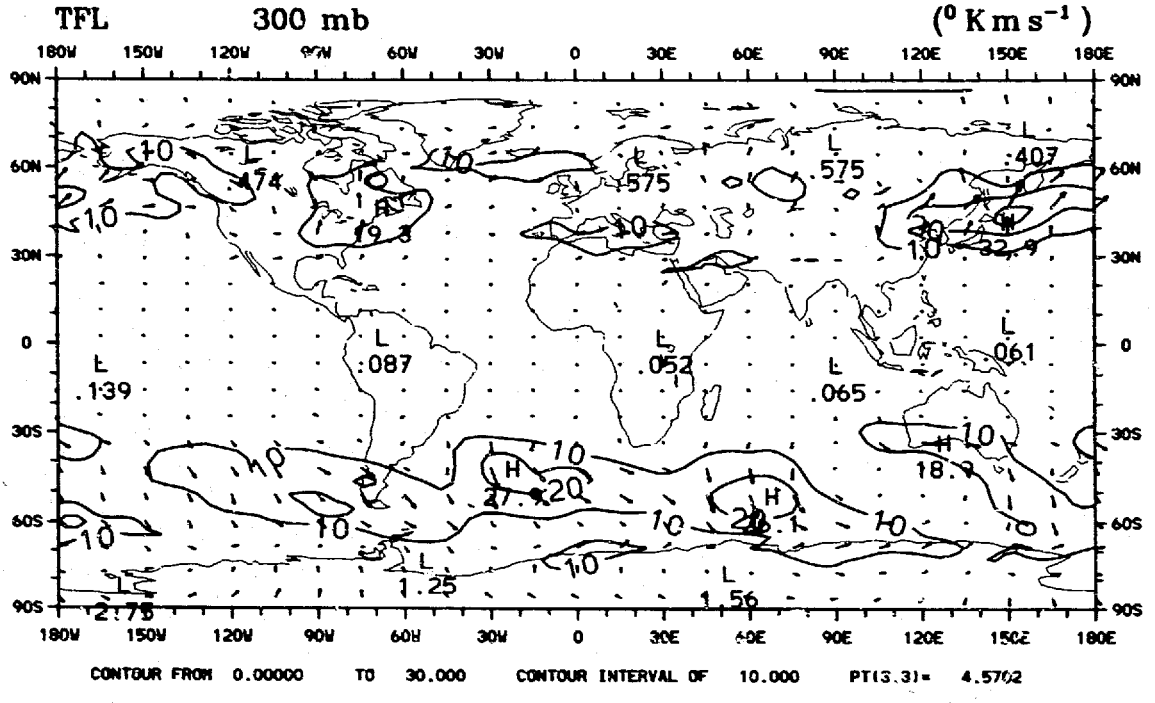
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.75

0.500E+02 ⟶
SCALING VECTOR

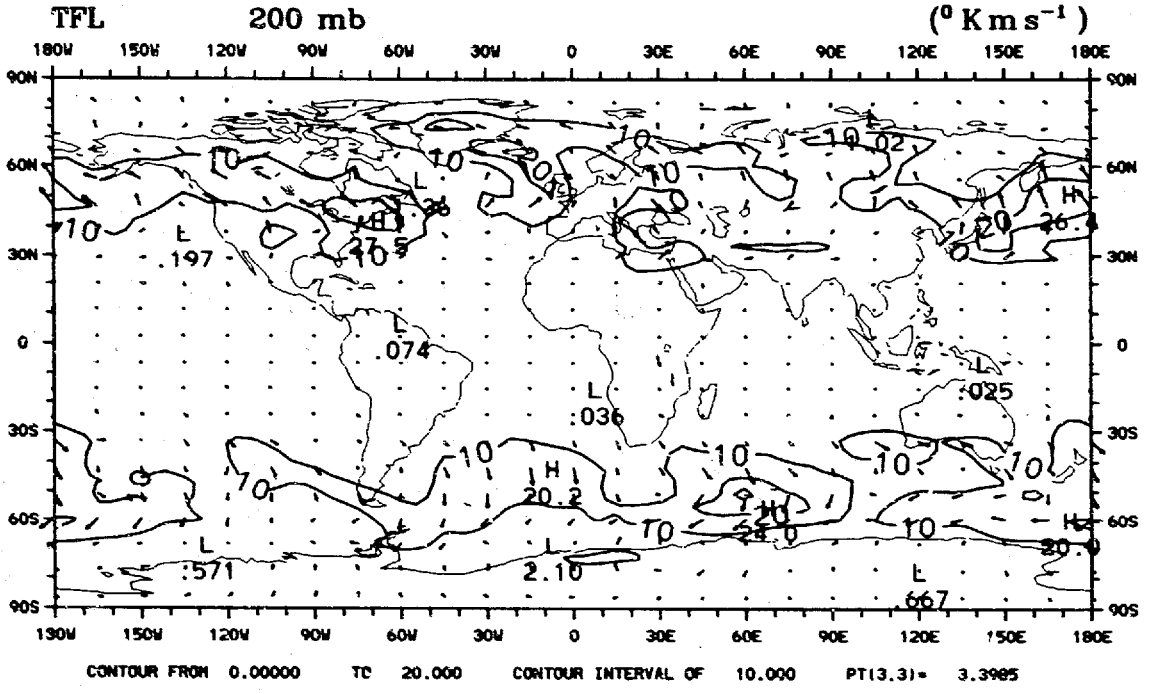
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

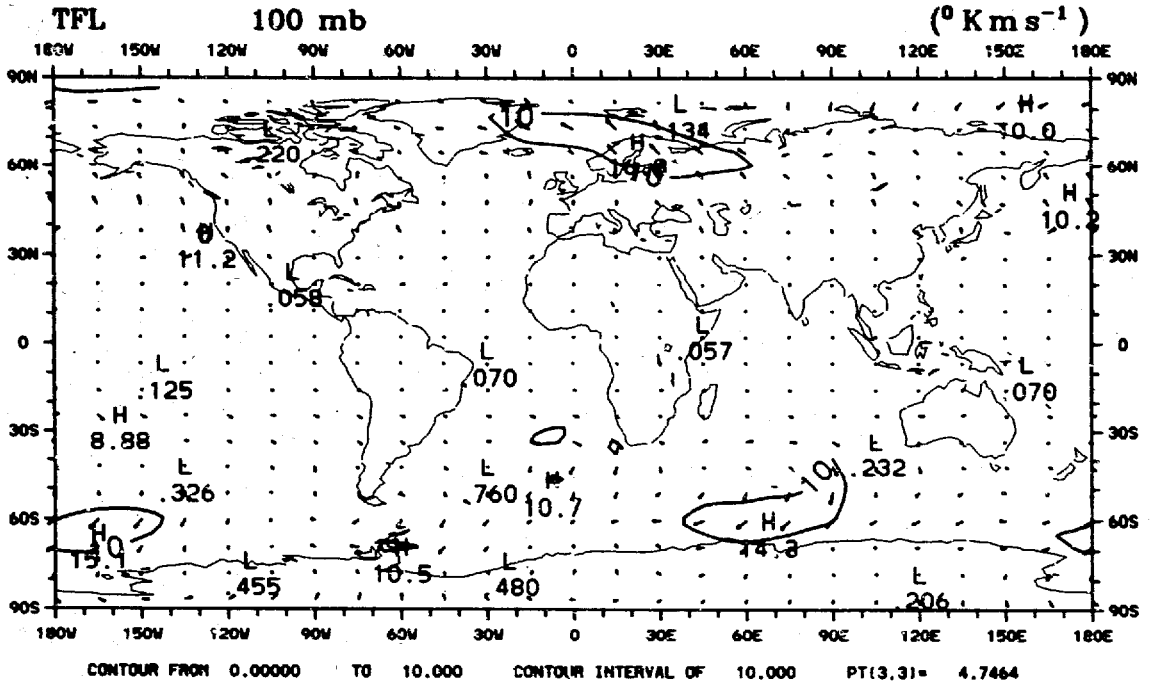
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.77

0.500E+02 →
SCALING VECTOR

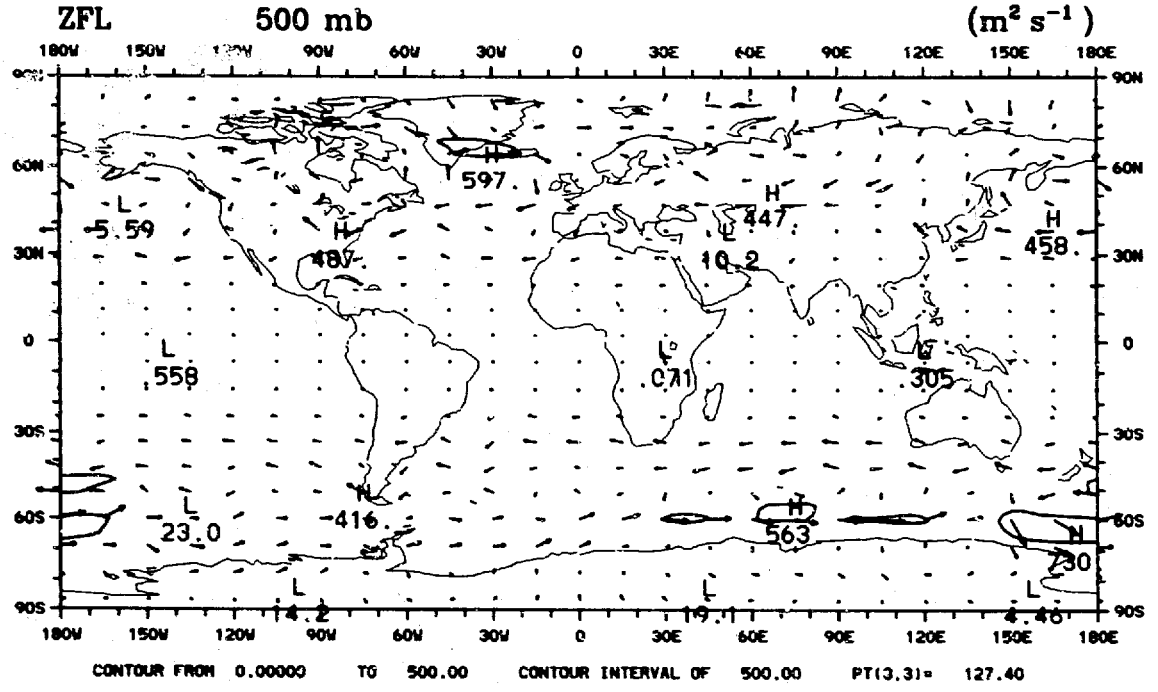
## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.78

0.500E+02 ⟶
SCALING VECTOR

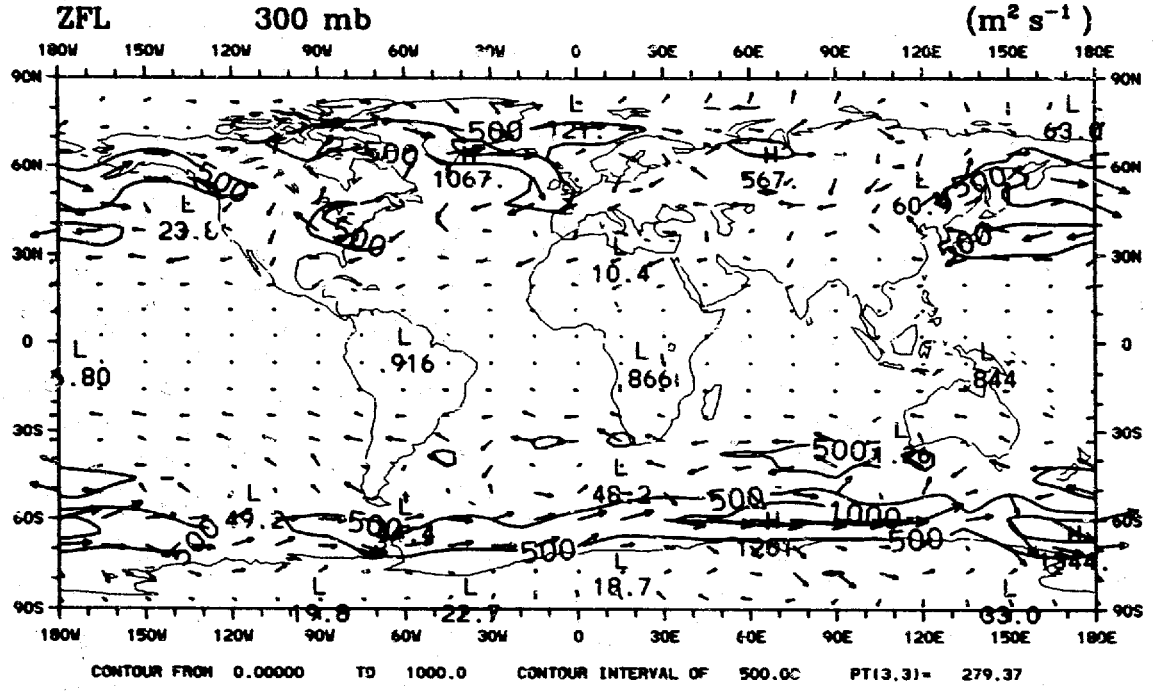
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.79

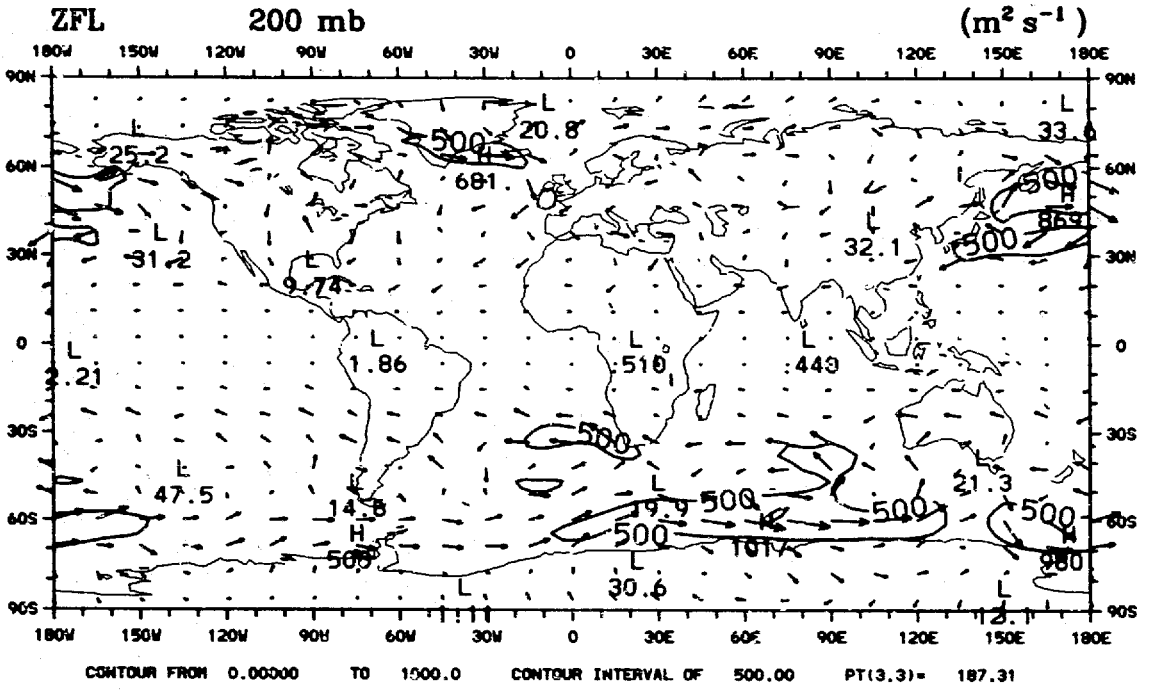
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1988)




0.100E+01 →
SCALING VECTOR

FRAME 2.80

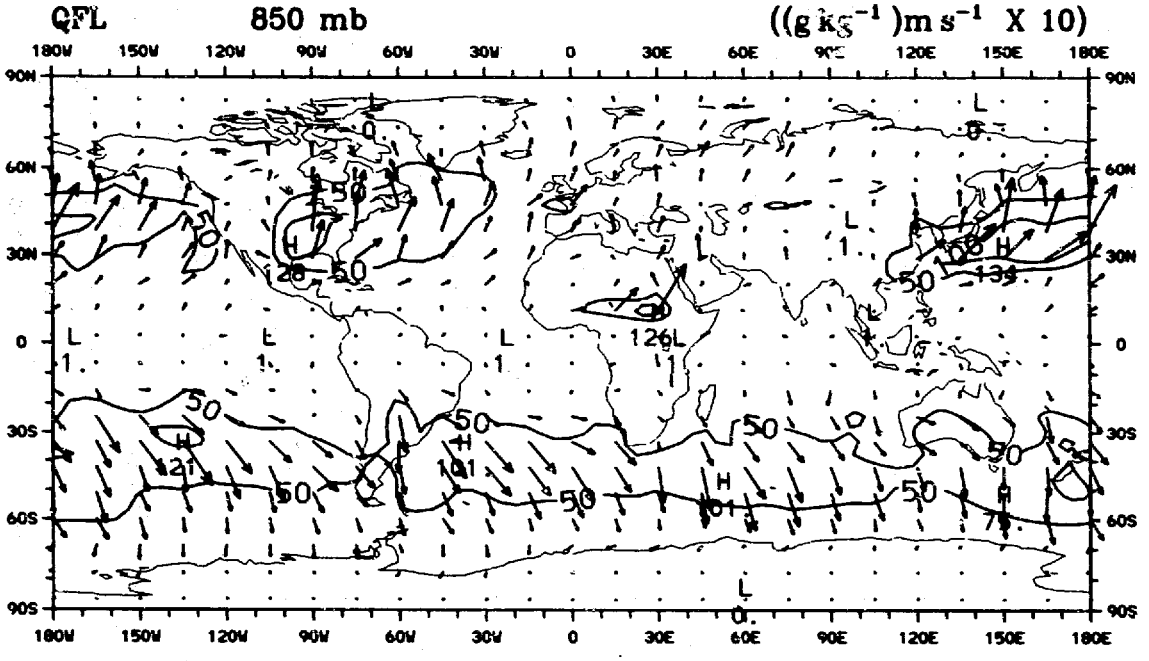
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.81

0.100E+04 →
SCALING VECTOR

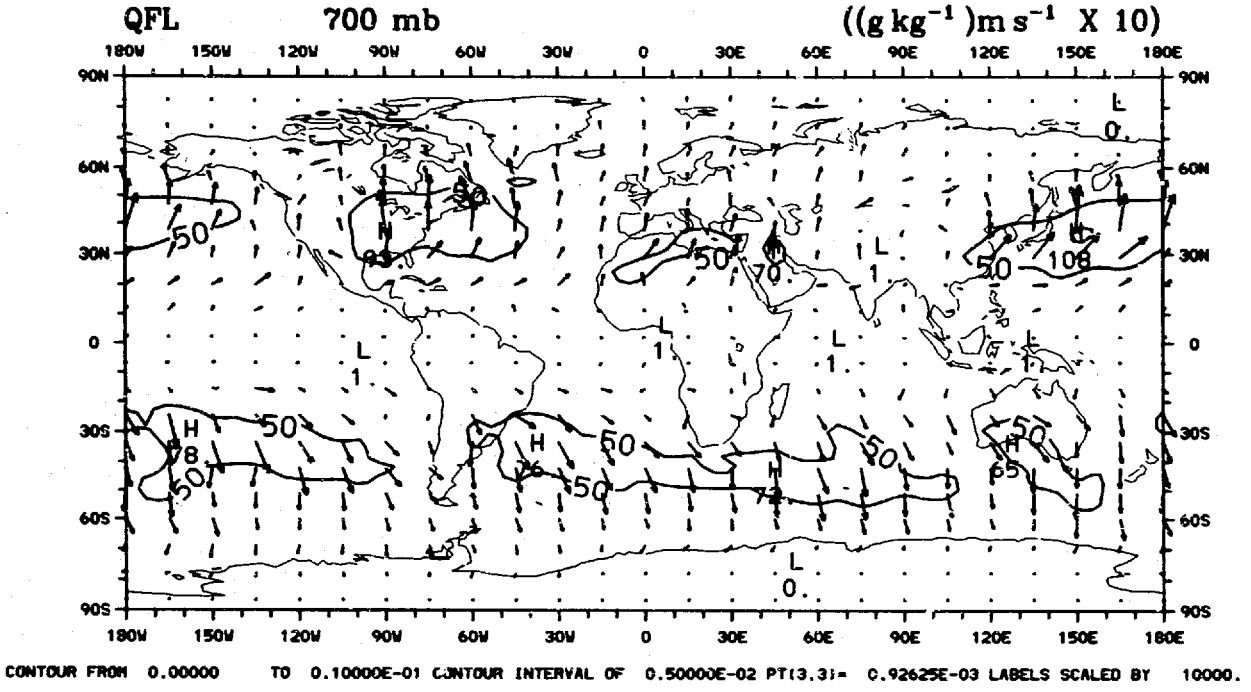
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)




0.100E-01 →
SCALING VECTOR

FRAME 2.82

## EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

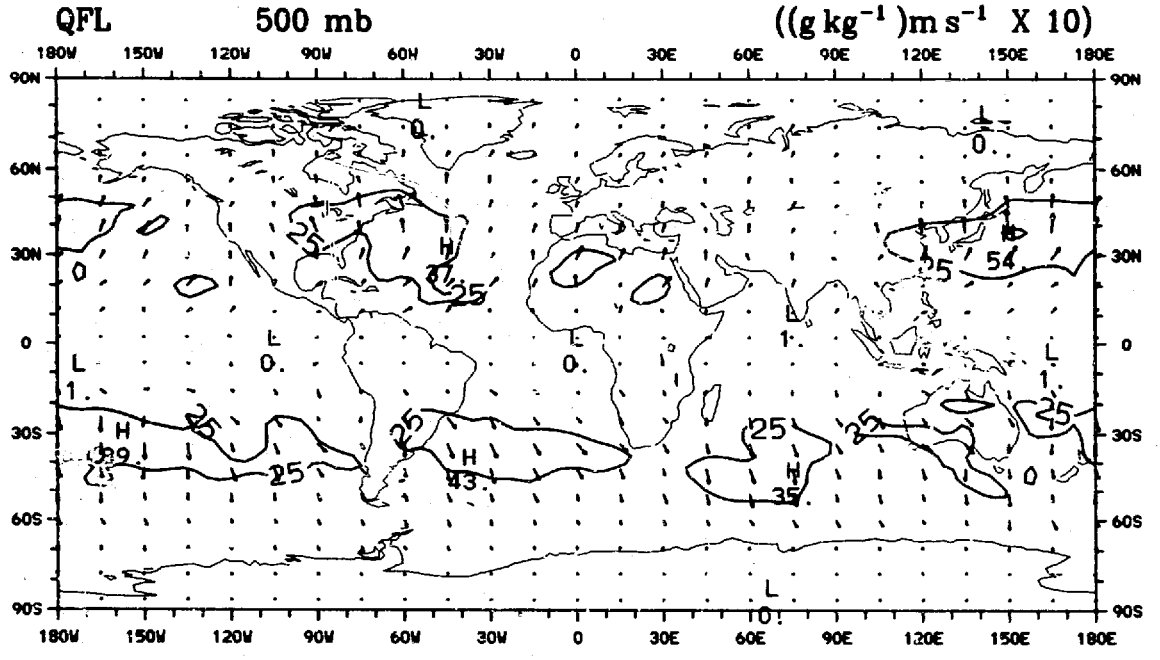



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.92625E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.83

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)



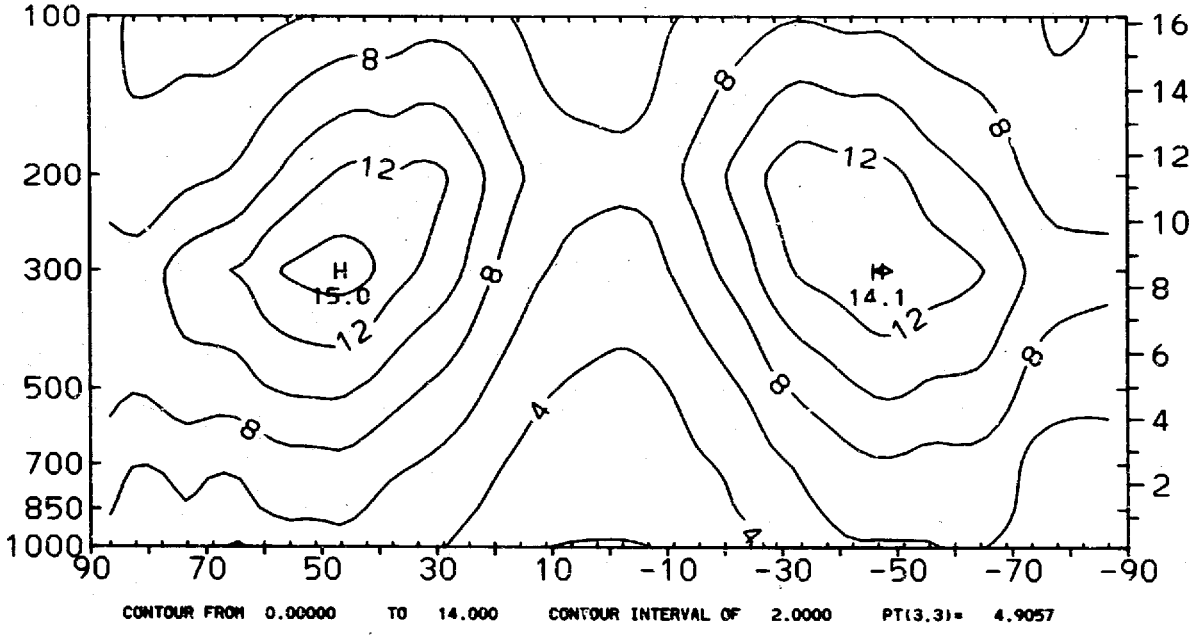

CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.36138E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.84

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

SDU (m s$^{-1}$)

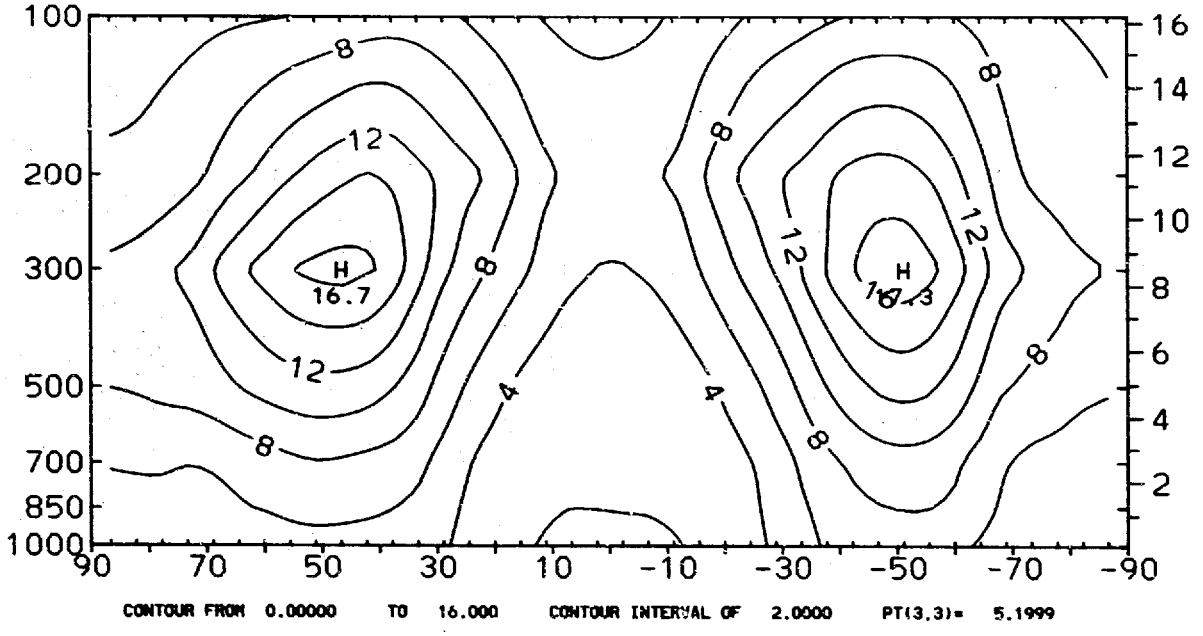



CONTOUR FROM 0.00000 TO 14.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 4.9057

FRAME 2.85

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

SDV (m s$^{-1}$)

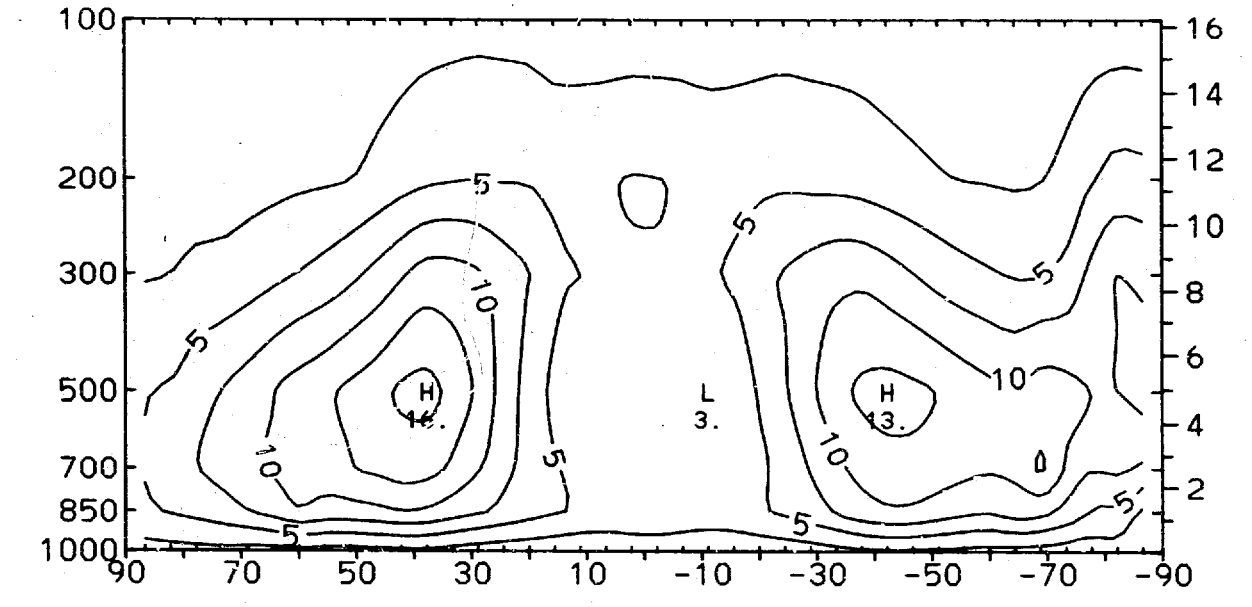



CONTOUR FROM 0.00000 TO 16.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.1999

FRAME 2.96

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

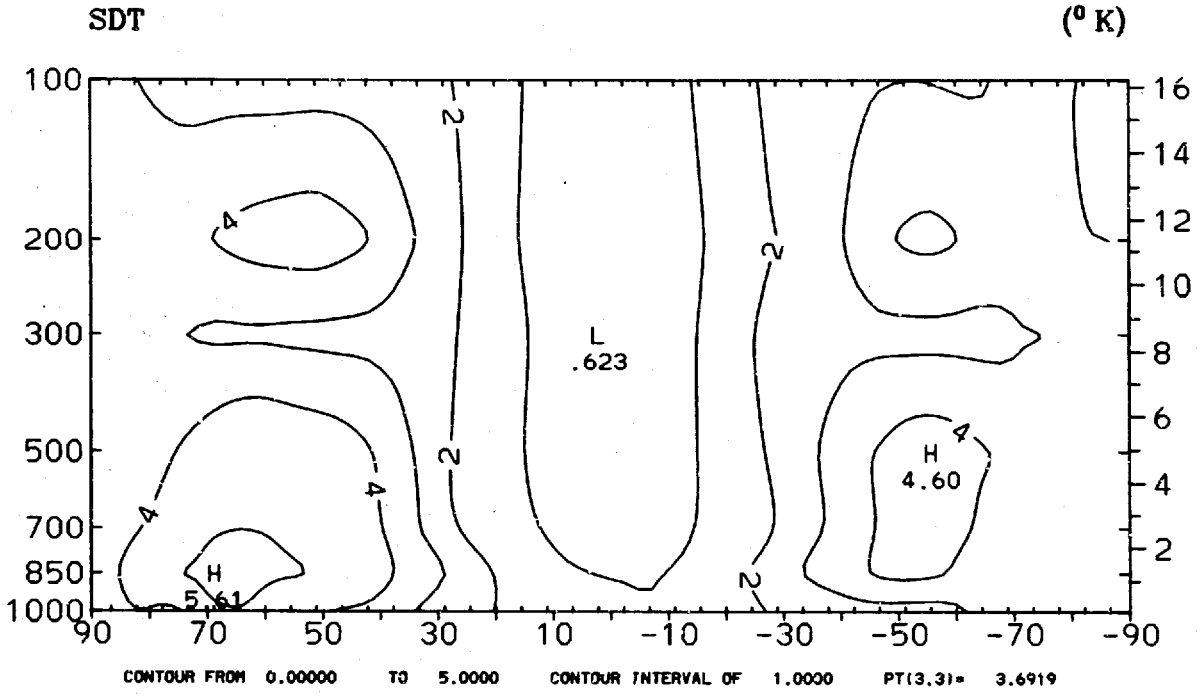
SDW (mb $s^{-1}$ X $10^4$)




CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.75672E-01 LABELS SCALED BY 100.00

FRAME 2.87

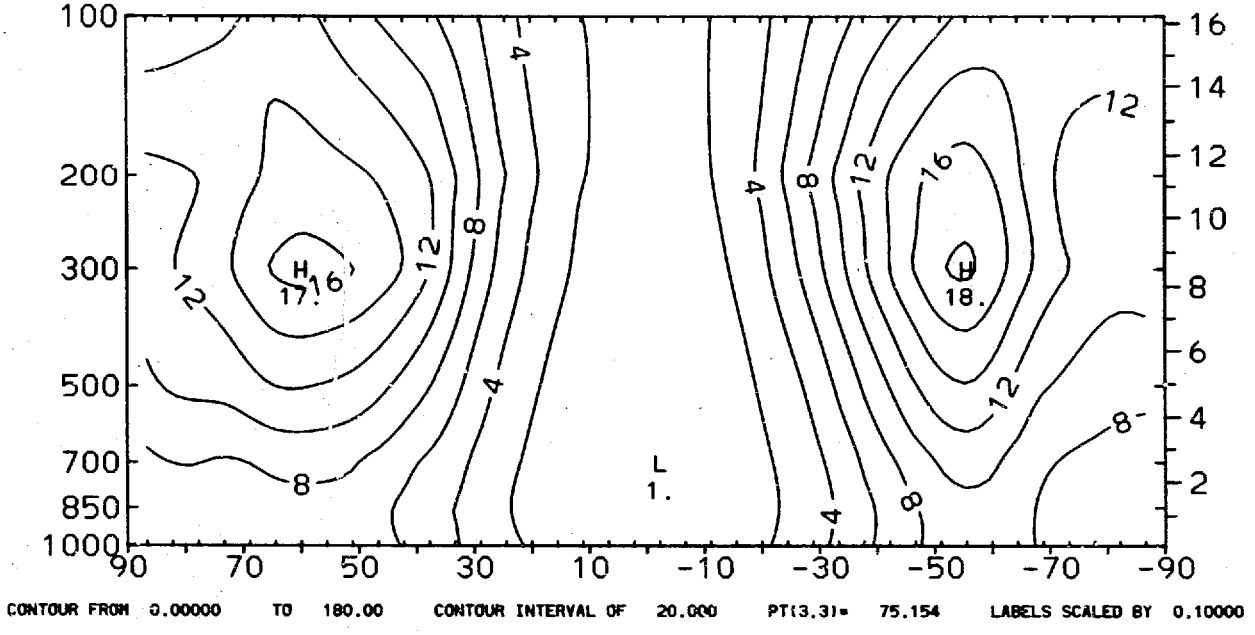
EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.88

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

SDZ (dam)

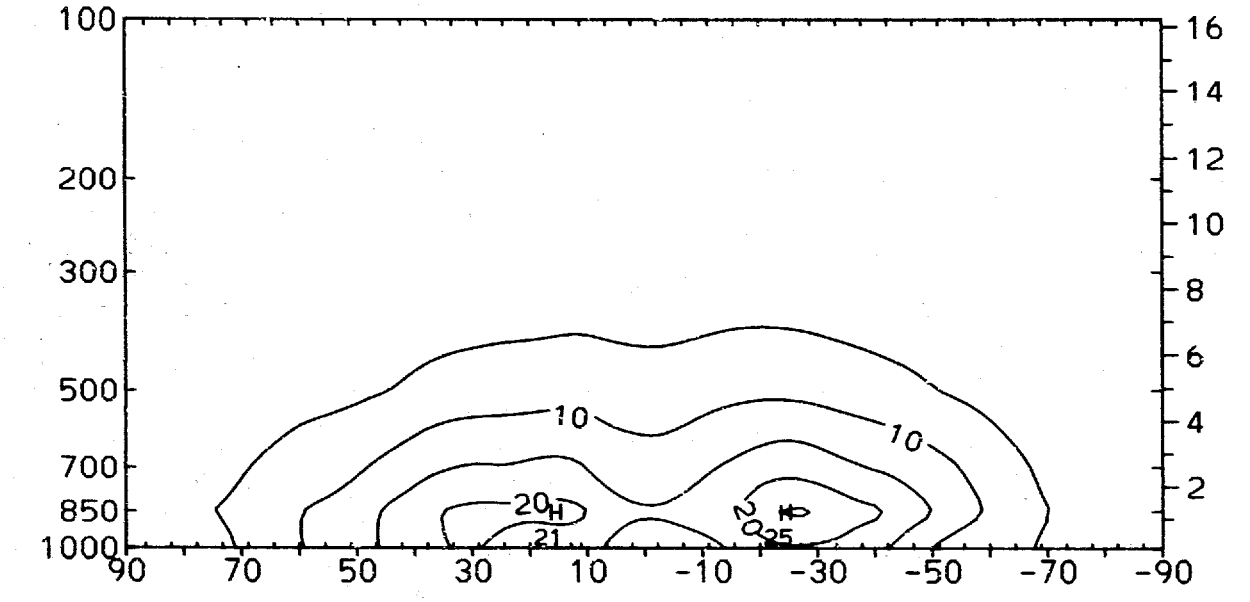



CONTOUR FROM 0.00000 TO 180.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 75.154 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

SDQ (g kg$^{-1}$ X 10)

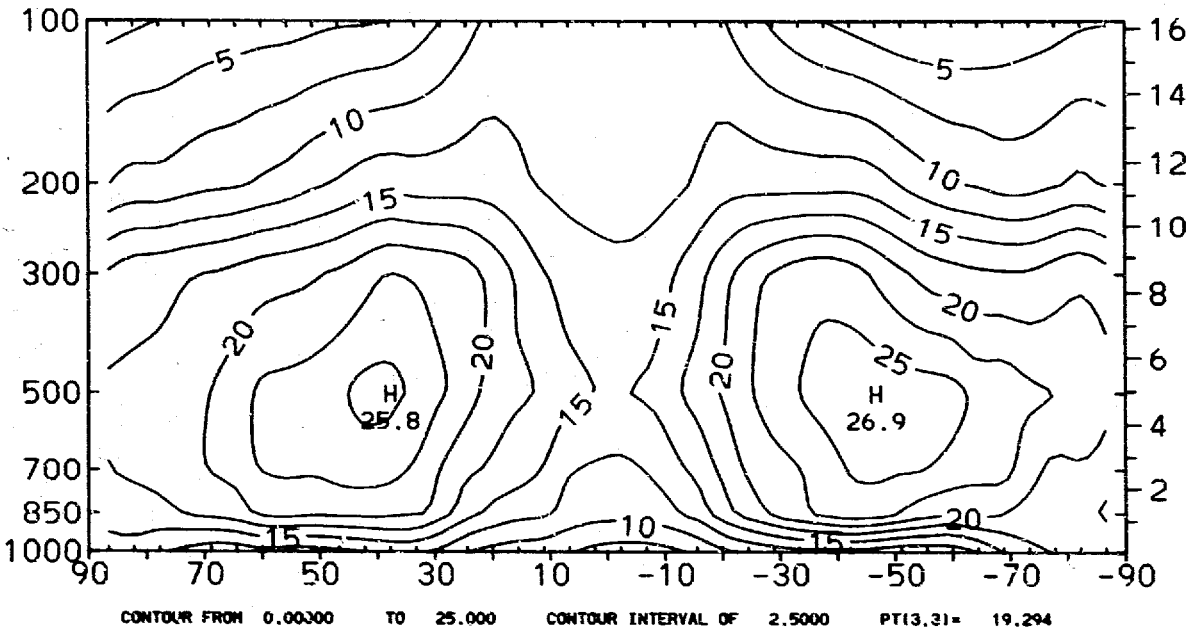



CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.25028E-03 LABELS SCALED BY 10000.

FRAME 2.90

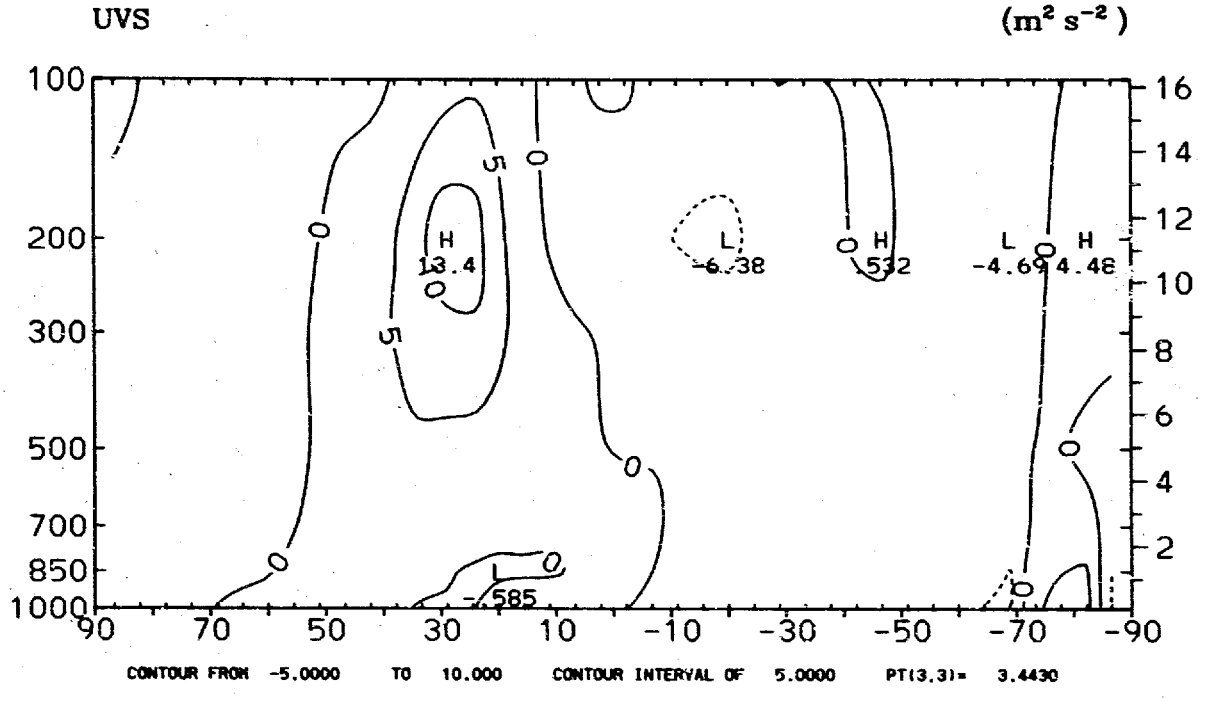
EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

SDRH (%)



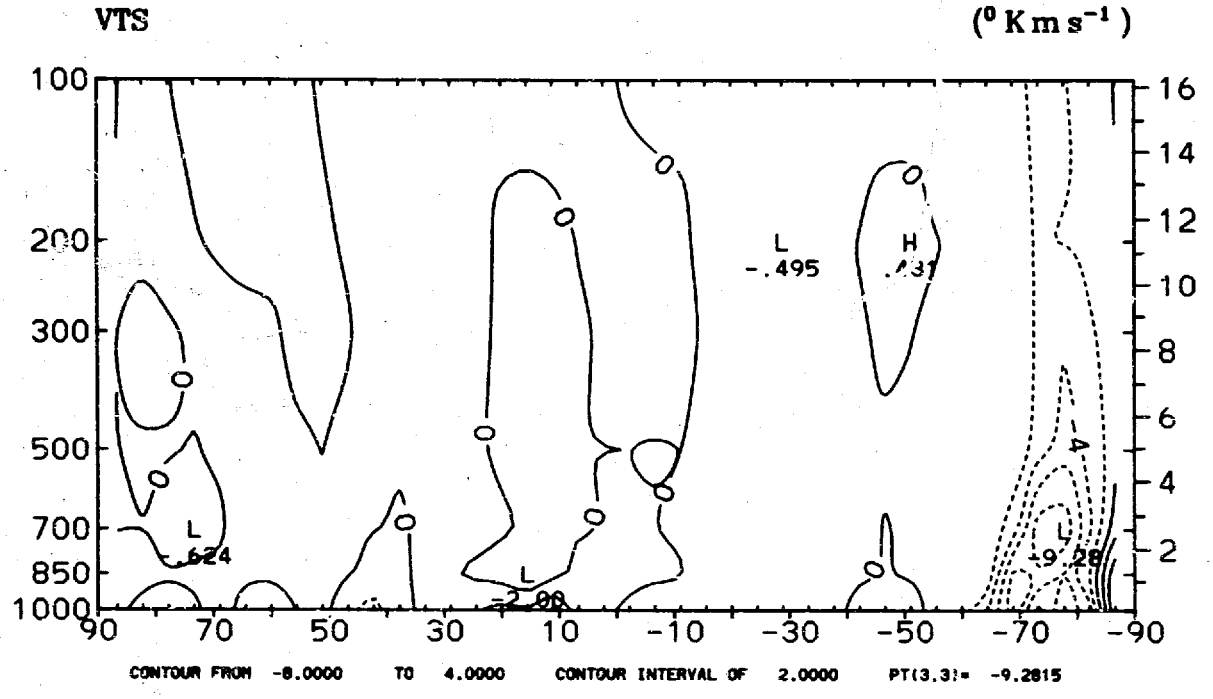

FRAME 2.91

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.92

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

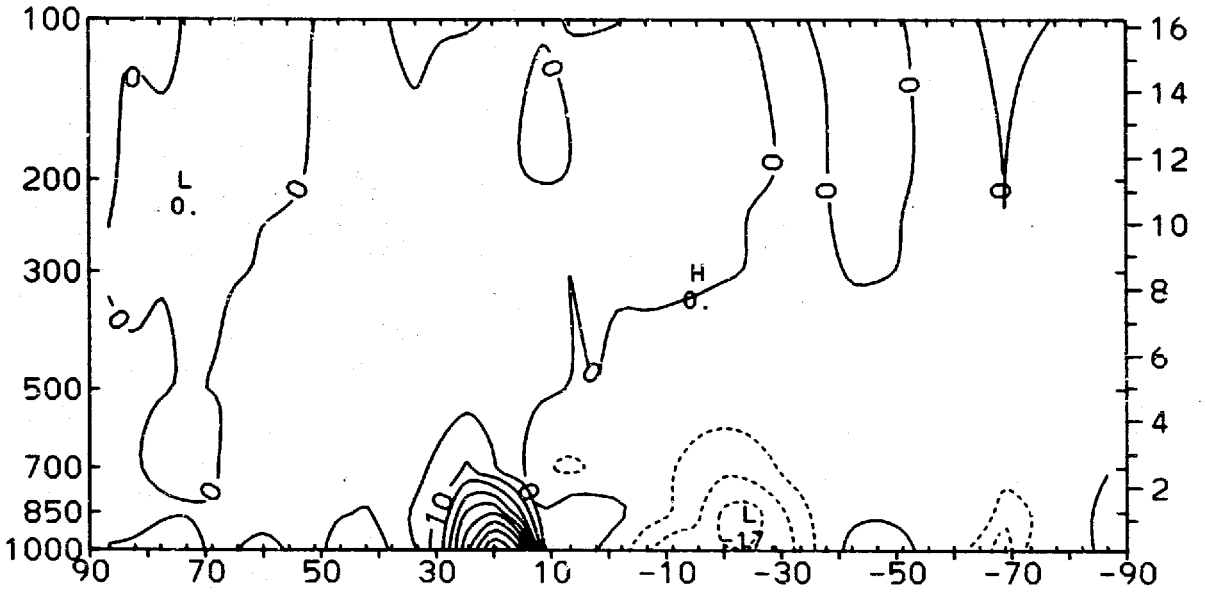



FRAME 2.93

EC R15 APRIL (ENSEMBLE AVERAGE 1979–1986)

VQS

$((g\,kg^{-1})m\,s^{-1}$ X 10)

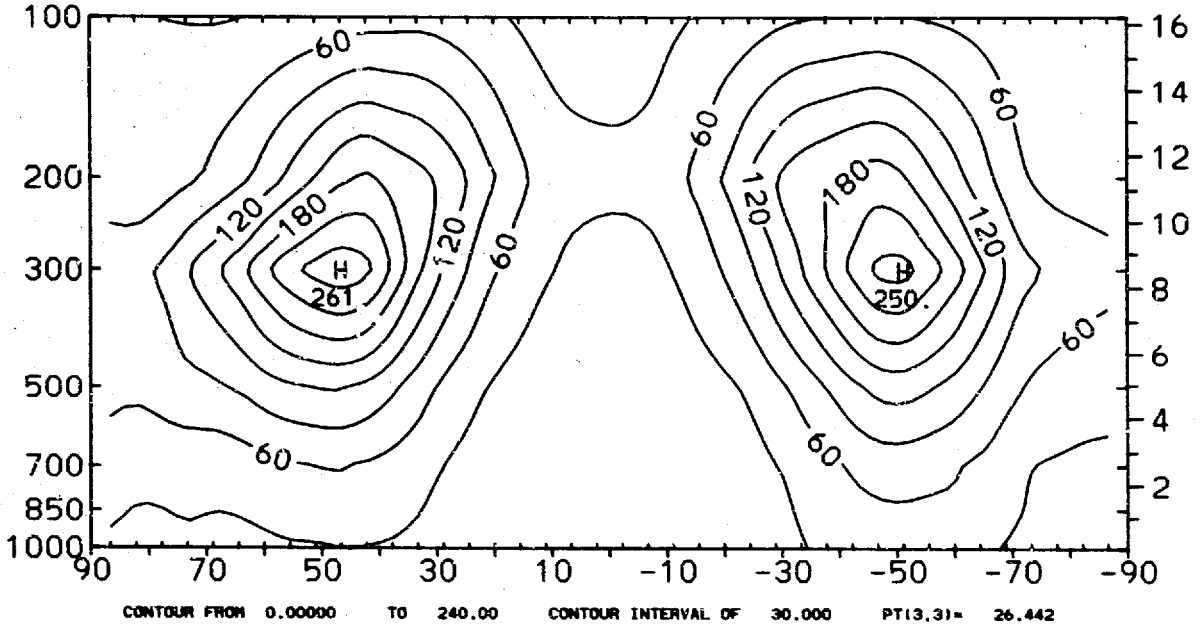



CONTOUR FROM -0.15000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.30435E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 APRIL (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.0P | A | 485.0 TO 3042.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 485.0 TO 3042.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 485.0 TO 3042.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 485.0 TO 3042.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 485.0 TO 3042.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 485.0 TO 3042.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 485.0 TO 3042.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 485.0 TO 3042.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 485.0 TO 3042.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 485.0 TO 3042.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 485.0 TO 3042.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 485.0 TO 3042.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 485.0 TO 3042.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 485.0 TO 3042.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 485.0 TO 3042.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 485.0 TO 3042.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 485.0 TO 3042.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 485.0 TO 3042.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 485.0 TO 3042.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 485.0 TO 3042.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 485.0 TO 3042.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 485.0 TO 3042.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 485.0 TO 3042.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 485.0 TO 3042.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 485.0 TO 3042.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 485.0 TO 3042.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 485.0 TO 3042.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 485.0 TO 3042.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 485.0 TO 3042.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 850.0P | A | 485.0 TO 3042.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 485.0 TO 3042.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 485.0 TO 3042.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 485.0 TO 3042.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 485.0 TO 3042.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 485.0 TO 3042.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 485.0 TO 3042.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 485.0 TO 3042.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 485.0 TO 3042.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 485.0 TO 3042.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 485.0 TO 3042.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 485.0 TO 3042.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 485.0 TO 3042.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 485.0 TO 3042.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 485.0 TO 3042.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 485.0 TO 3042.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 485.0 TO 3042.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 485.0 TO 3042.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 485.0 TO 3042.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 485.0 TO 3042.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 485.0 TO 3042.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 485.0 TO 3042.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 485.0 TO 3042.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 485.0 TO 3042.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 485.0 TO 3042.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 485.0 TO 3042.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 485.0 TO 3042.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 485.0 TO 3042.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 485.0 TO 3042.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 485.0 TO 3042.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 485.0 TO 3042.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 485.0 TO 3042.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 485.0 TO 3042.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 485.0 TO 3042.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 485.0 TO 3042.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 485.0 TO 3042.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 485.0 TO 3042.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 485.0 TO 3042.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 485.0 TO 3042.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 485.0 TO 3042.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 485.0 TO 3042.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 485.0 TO 3042.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 485.0 TO 3042.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 485.0 TO 3042.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 485.0 TO 3042.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 485.0 TO 3042.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 485.0 TO 3042.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 485.0 TO 3042.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 485.0 TO 3042.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 485.0 TO 3042.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 485.0 TO 3042.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 485.0 TO 3042.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 485.0 TO 3042.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 485.0 TO 3042.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 485.0 TO 3042.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 485.0 TO 3042.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 485.0 TO 3042.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 485.0 TO 3042.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 950.0P | A | 485.0 TO 3042.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 485.0 TO 3042.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 485.0 TO 3042.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 485.0 TO 3042.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 485.0 TO 3042.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 485.0 TO 3042.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 485.0 TO 3042.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 485.0 TO 3042.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 485.0 TO 3042.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 485.0 TO 3042.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 485.0 TO 3042.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 485.0 TO 3042.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 485.0 TO 3042.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

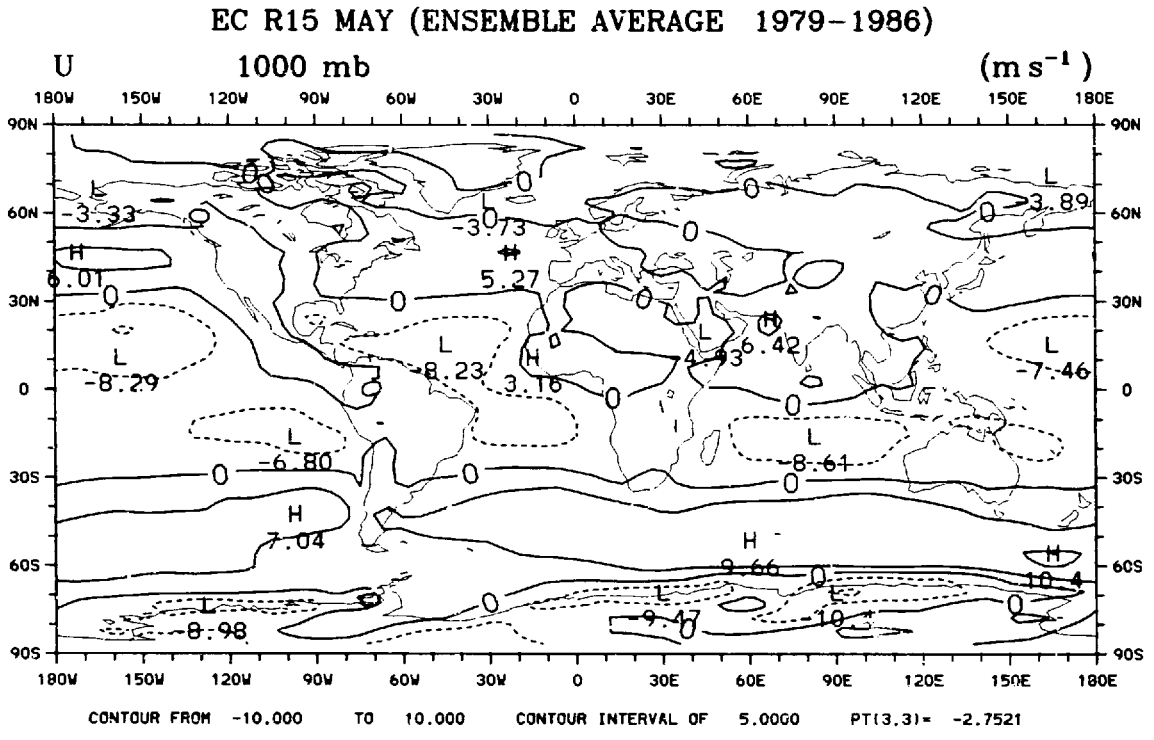
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 485.0 TO 3042.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 485.0 TO 3042.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 485.0 TO 3042.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 485.0 TO 3042.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 485.0 TO 3042.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 485.0 TO 3042.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 485.0 TO 3042.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 485.0 TO 3042.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 485.0 TO 3042.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 485.0 TO 3042.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 485.0 TO 3042.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 485.0 TO 3042.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 485.0 TO 3042.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 485.0 TO 3042.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 485.0 TO 3042.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 485.0 TO 3042.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 485.0 TO 3042.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 485.0 TO 3042.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 485.0 TO 3042.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 485.0 TO 3042.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 485.0 TO 3042.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 485.0 TO 3042.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 485.0 TO 3042.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 485.0 TO 3042.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 485.0 TO 3042.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 485.0 TO 3042.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 485.0 TO 3042.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 485.0 TO 3042.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 485.0 TO 3042.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | | 485.0 TO 3042.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | | 485.0 TO 3042.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 485.0 TO 3042.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 485.0 TO 3042.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 485.0 TO 3042.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 485.0 TO 3042.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 485.0 TO 3042.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 485.0 TO 3042.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 485.0 TO 3042.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 485.0 TO 3042.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 485.0 TO 3042.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 485.0 TO 3042.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 485.0 TO 3042.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 485.0 TO 3042.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 485.0 TO 3042.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 485.0 TO 3042.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 485.0 TO 3042.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 485.0 TO 3042.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 485.0 TO 3042.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 485.0 TO 3042.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 485.0 TO 3042.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 485.0 TO 3042.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 485.0 TO 3042.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 485.0 TO 3042.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 485.0 TO 3042.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 485.0 TO 3042.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 485.0 TO 3042.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 485.0 TO 3042.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 485.0 TO 3042.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 485.0 TO 3042.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 485.0 TO 3042.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 485.0 TO 3042.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 485.0 TO 3042.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 485.0 TO 3042.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 485.0 TO 3042.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 485.0 TO 3042.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 485.0 TO 3042.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 485.0 TO 3042.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 485.0 TO 3042.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 485.0 TO 3042.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 485.0 TO 3042.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 485.0 TO 3042.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 485.0 TO 3042.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 485.0 TO 3042.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 485.0 TO 3042.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 485.0 TO 3042.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 485.0 TO 3042.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 485.0 TO 3042.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 485.0 TO 3042.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 485.0 TO 3042.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 485.0 TO 3042.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 485.0 TO 3042.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 485.0 TO 3042.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 485.0 TO 3042.0 |

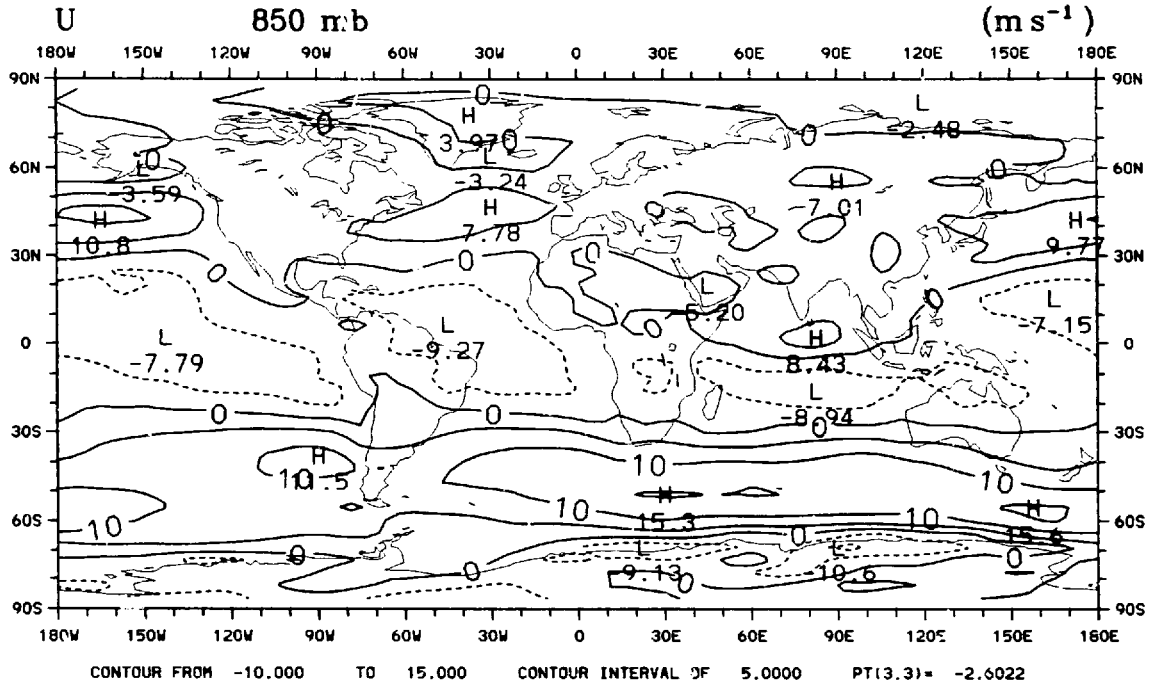
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 485.0 TO 3042.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 485.0 TO 3042.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 485.0 TO 3042.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 485.0 TO 3042.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 485.0 TO 3042.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 485.0 TO 3042.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 485.0 TO 3042.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 485.0 TO 3042.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 485.0 TO 3042.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 485.0 TO 3042.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 485.0 TO 3042.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 485.0 TO 3042.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.89 | Time Avg. Zonal Avg Lat. Cross Section Contours | SDZ | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 485.0 TO 3042.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 485.0 TO 3042.0 |


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
U
1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-3.33
-3.73
3.89
6.01
5.27
-8.29
-8.23
3.16
6.42
-7.46
-6.80
-8.61
7.04
9.66
10.4
-8.98
-9.47
-10
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -2.7521

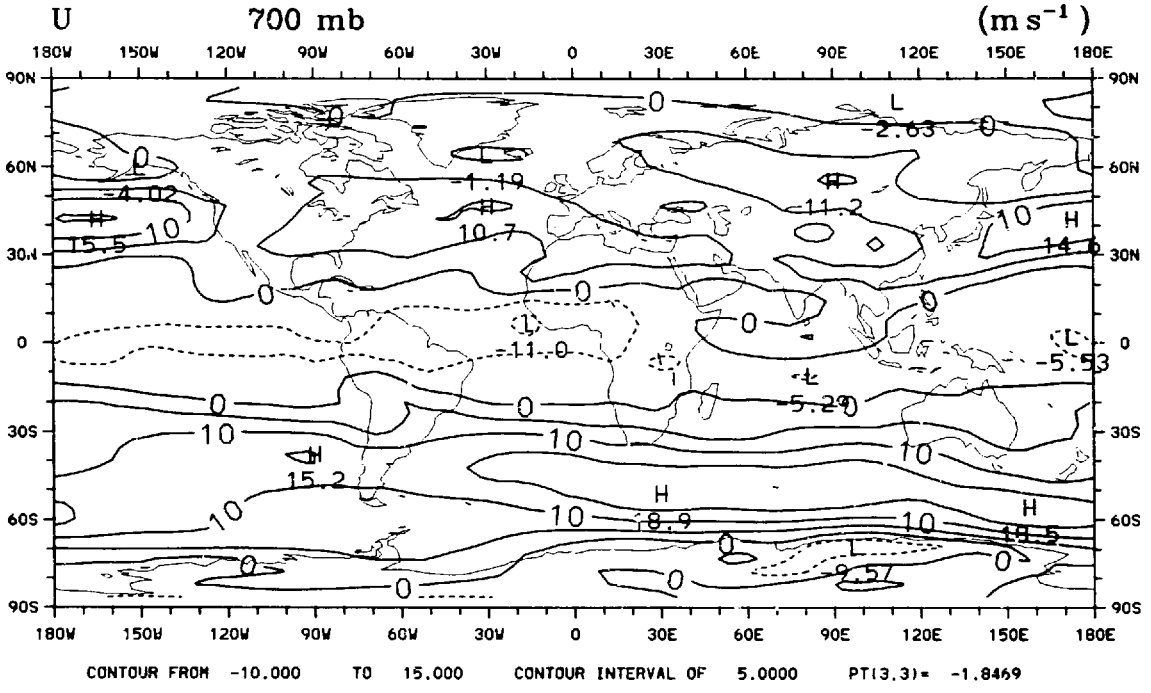
FRAME 1.1

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

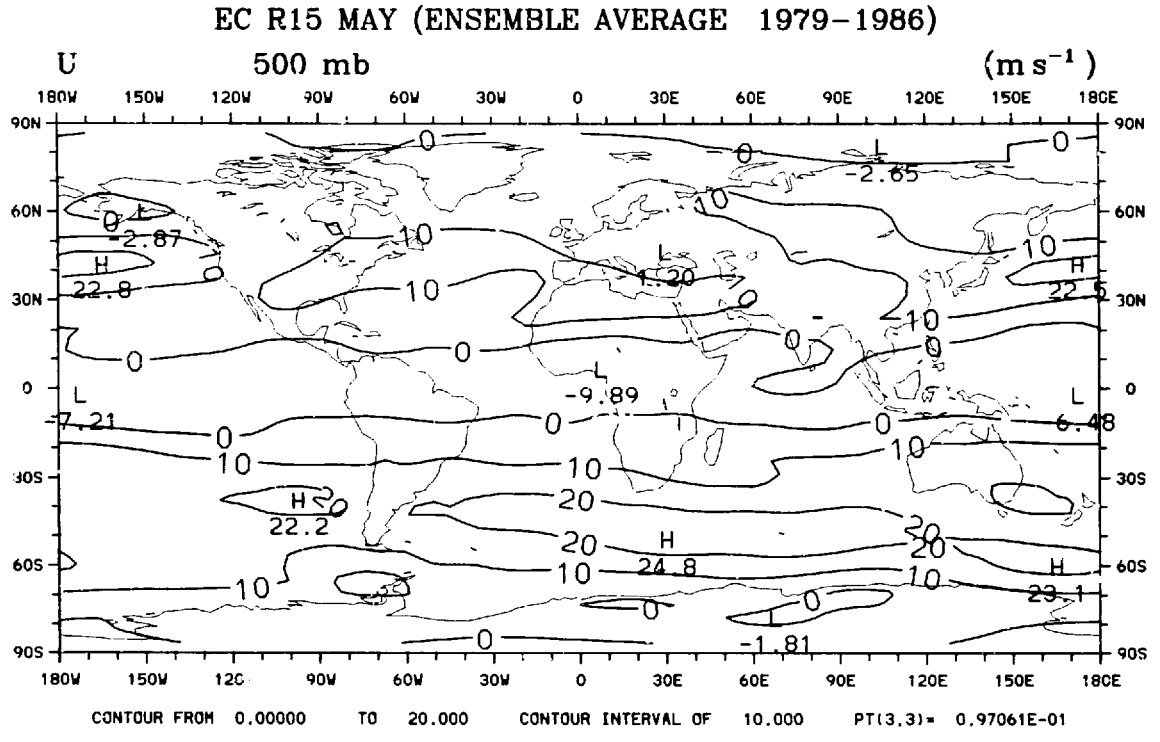



FRAME 1.2

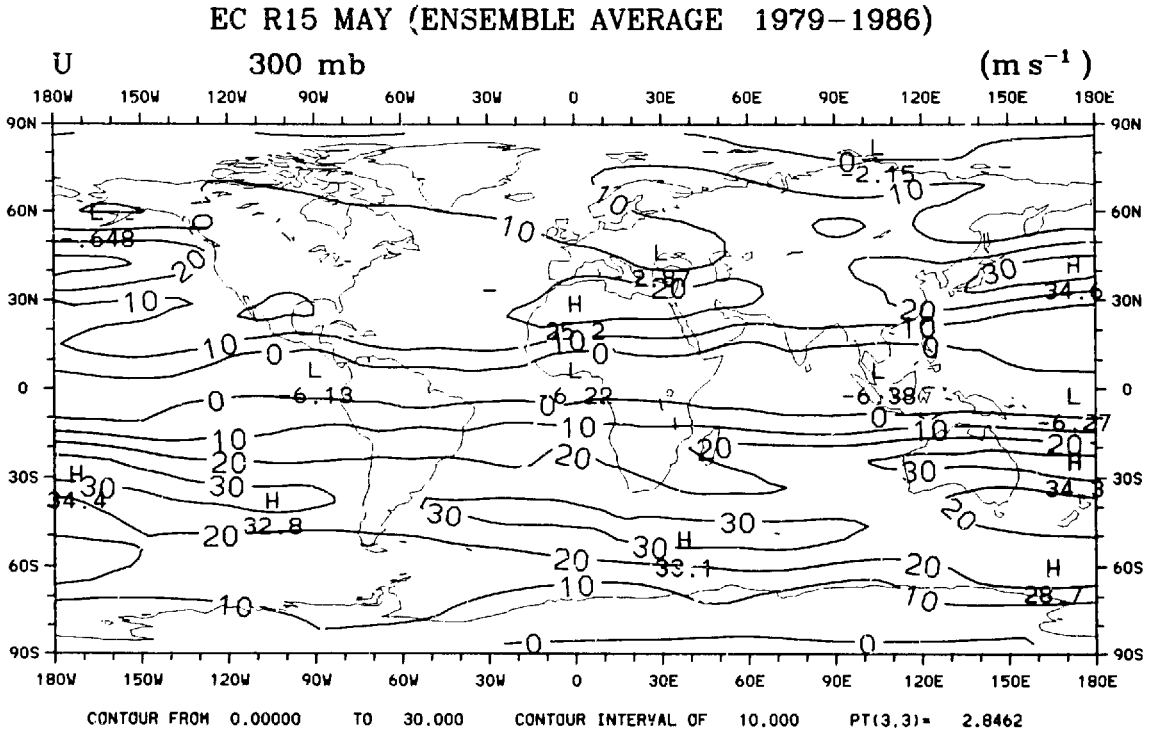
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.3

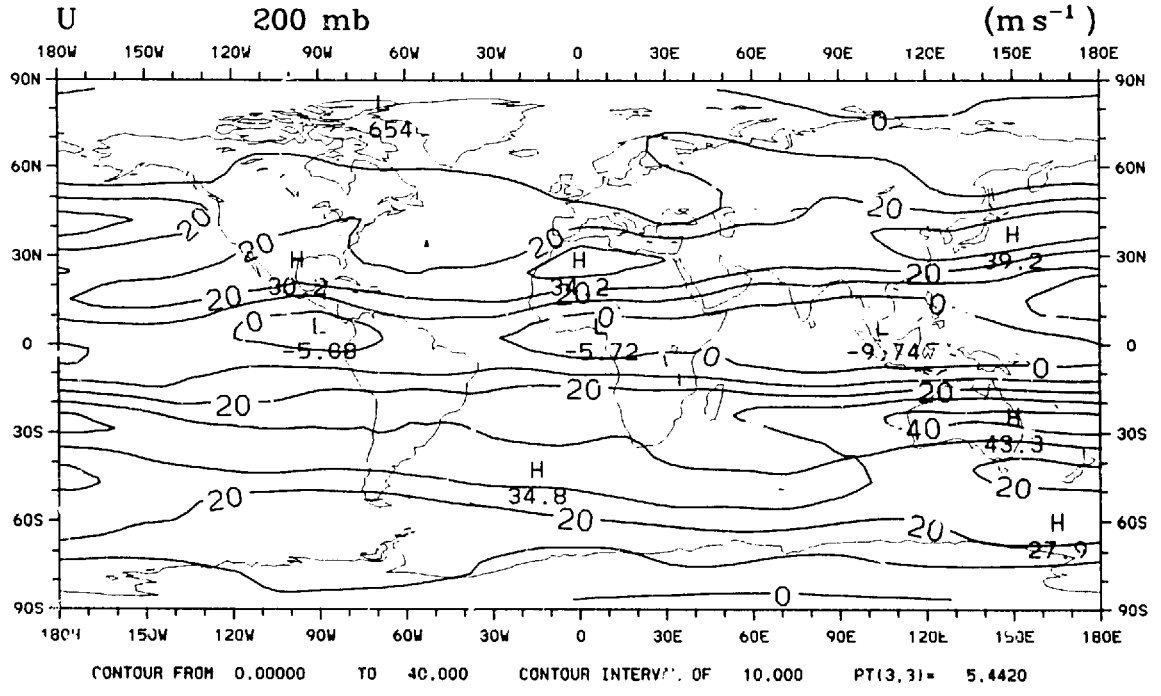

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
U
500 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L -2.87
H 22.8
L -7.21
H 22.2
L -9.89
L -1.20
L -2.65
H 22.5
L 6.48
H 24.8
H 23.1
L -1.81
CONTOUR FROM 0.00000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 0.97061E-01

FRAME 1.4


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
U
300 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM 0.00000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 2.8462

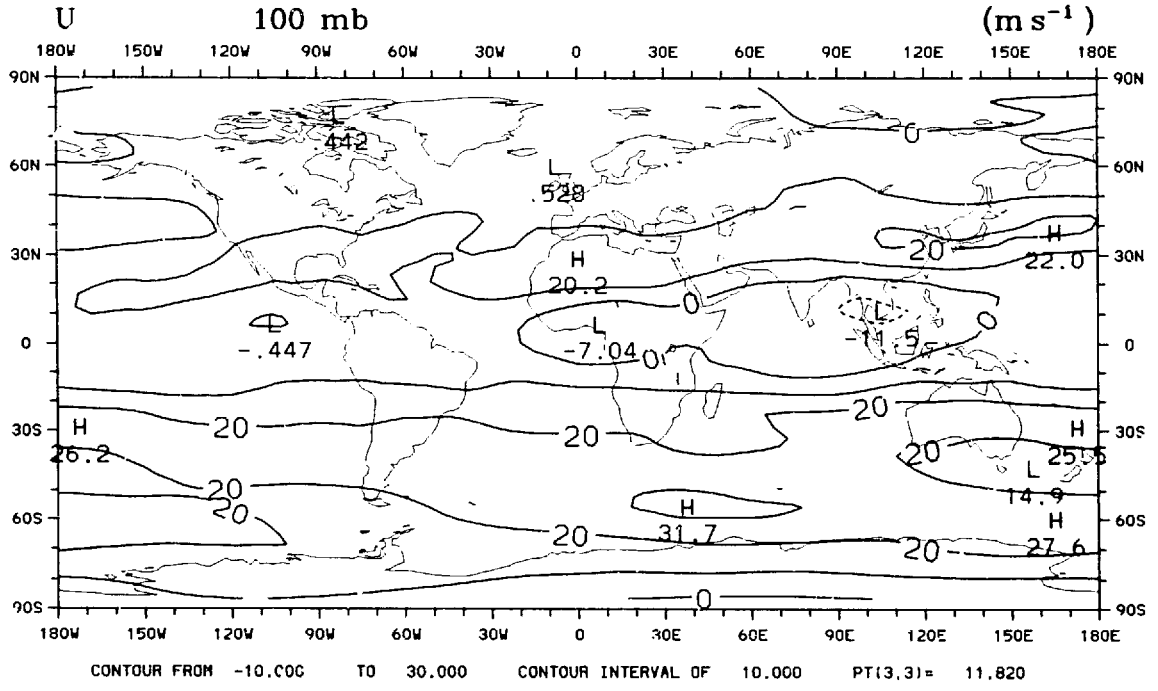
FRAME 1.5

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



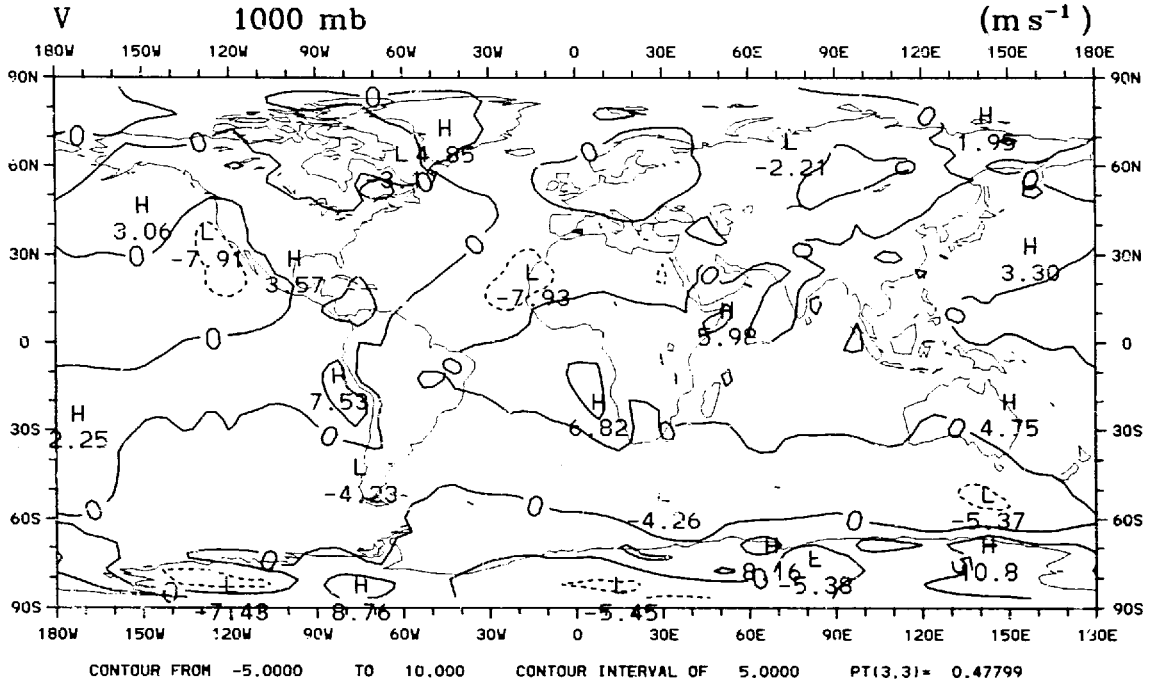

FRAME 1.6

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



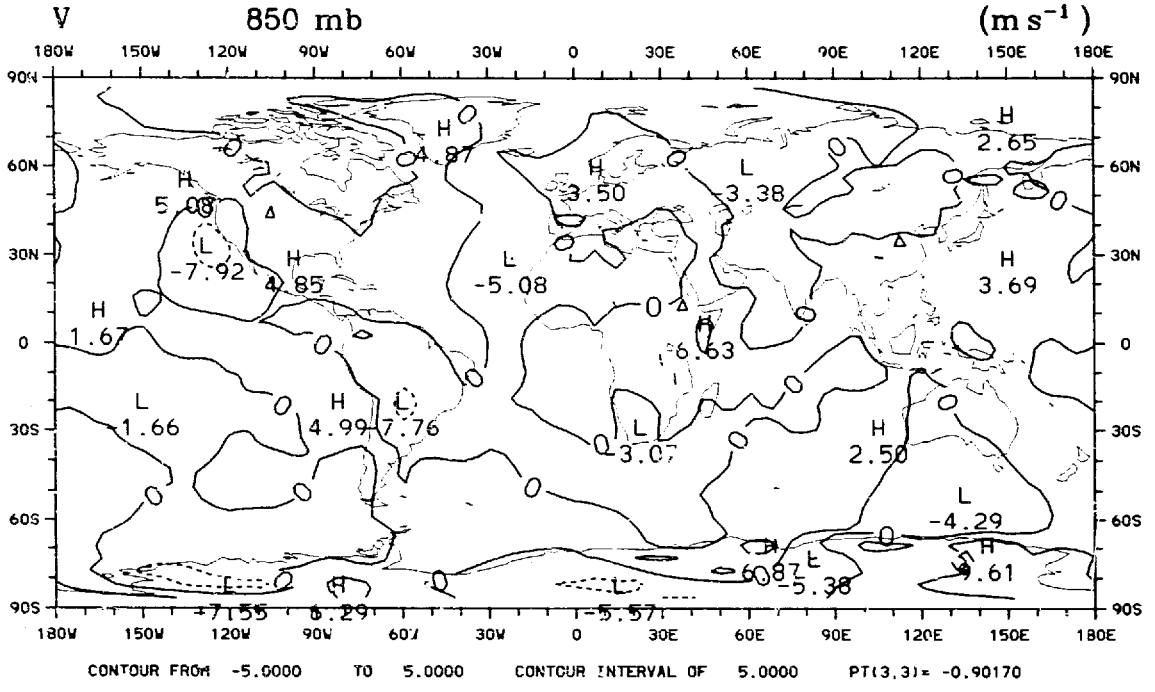

FRAME 1.7

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



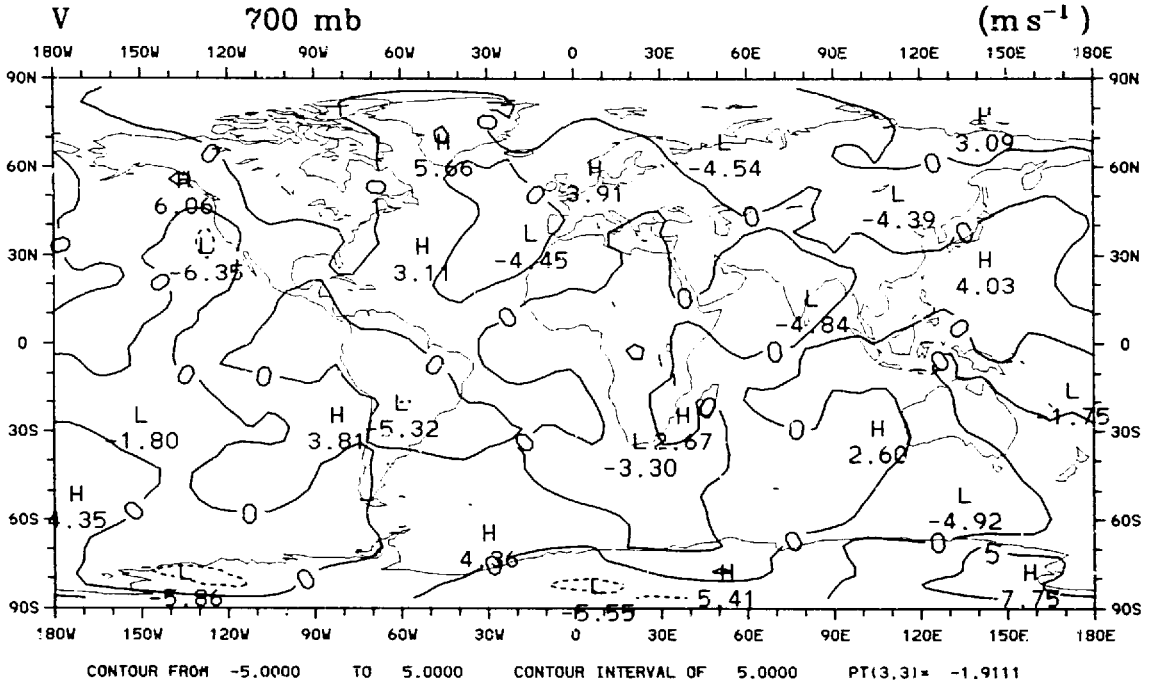

FRAME 1.8

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



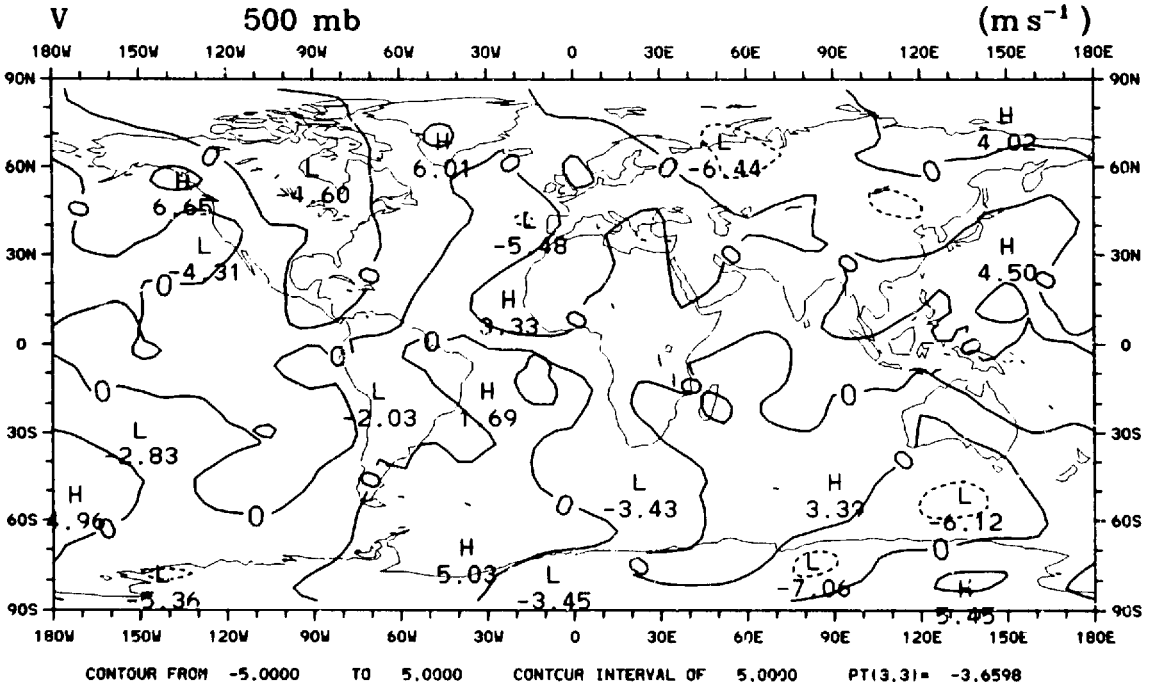

FRAME 1.9

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

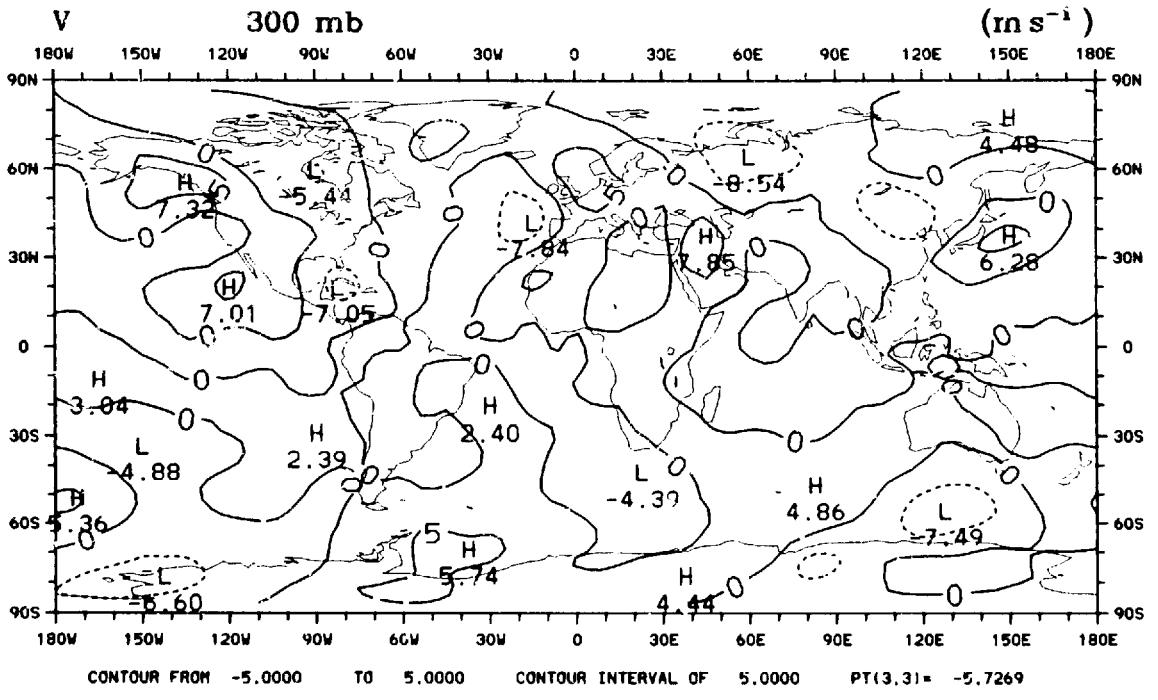



FRAME 1.10

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

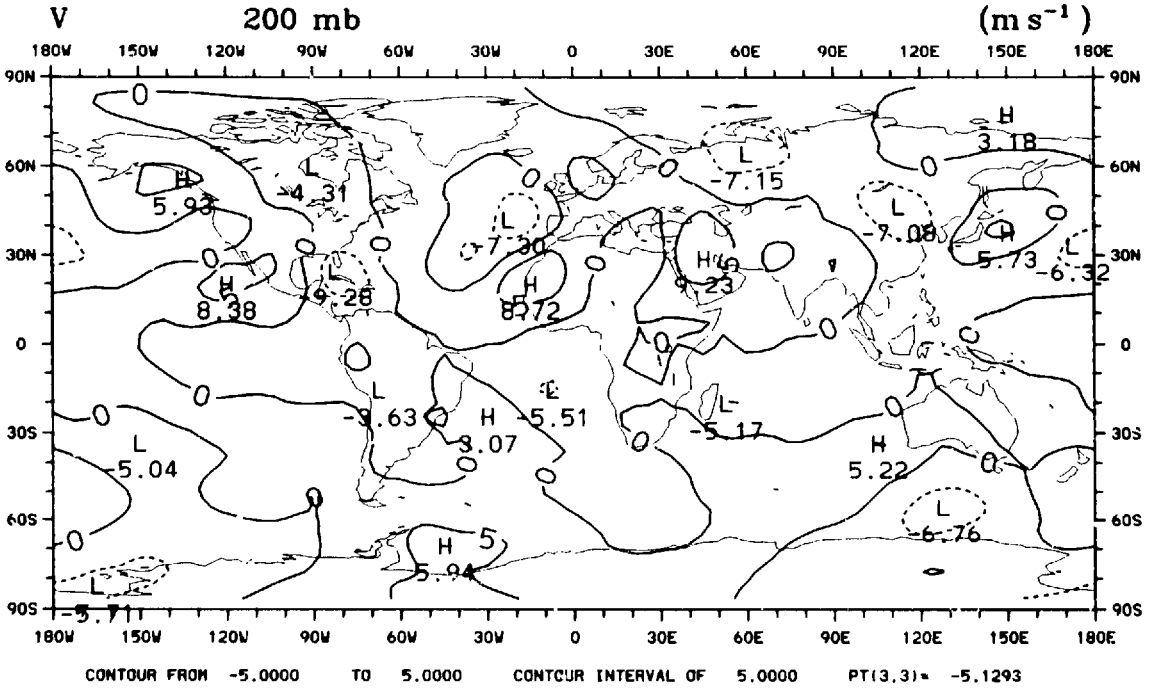



FRAME 1.11


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
V
300 mb
(m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 7.32
L -5.44
H 7.01
L -7.05
H 3.04
L -4.88
H 5.36
L -6.60
H 2.39
H 2.40
5
H 5.74
L -7.84
H 7.85
L -8.54
L -4.39
H 4.44
H 4.86
H 4.48
H 6.28
L -7.49
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -5.7269

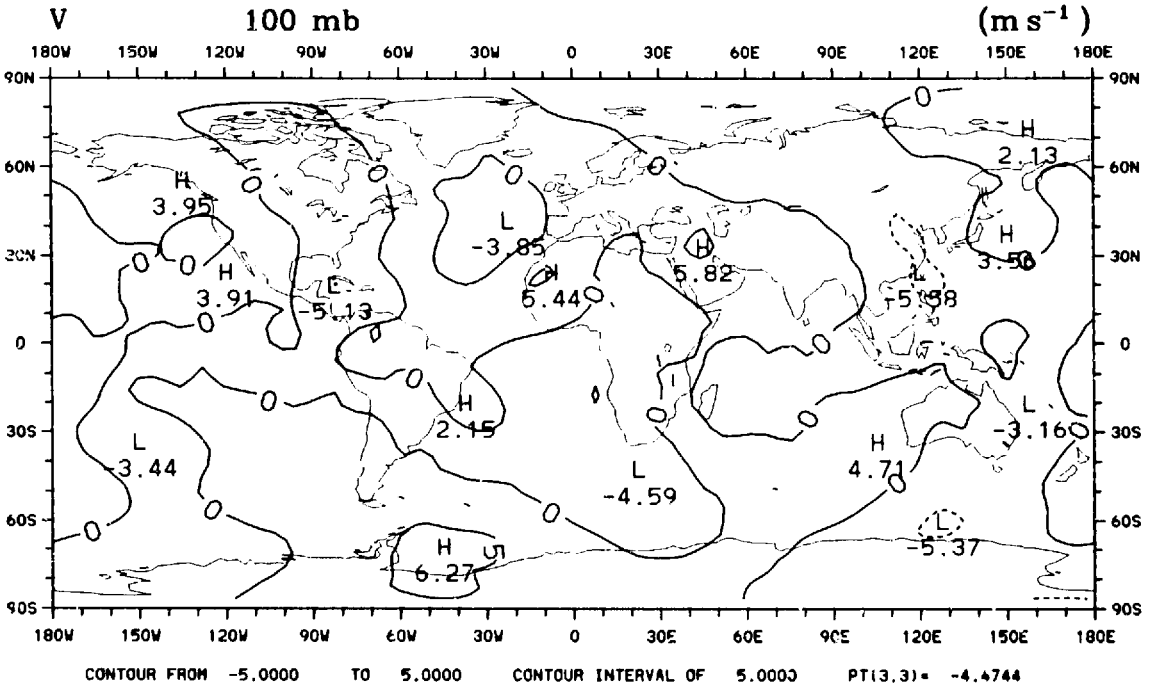
FRAME 1,12

# EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



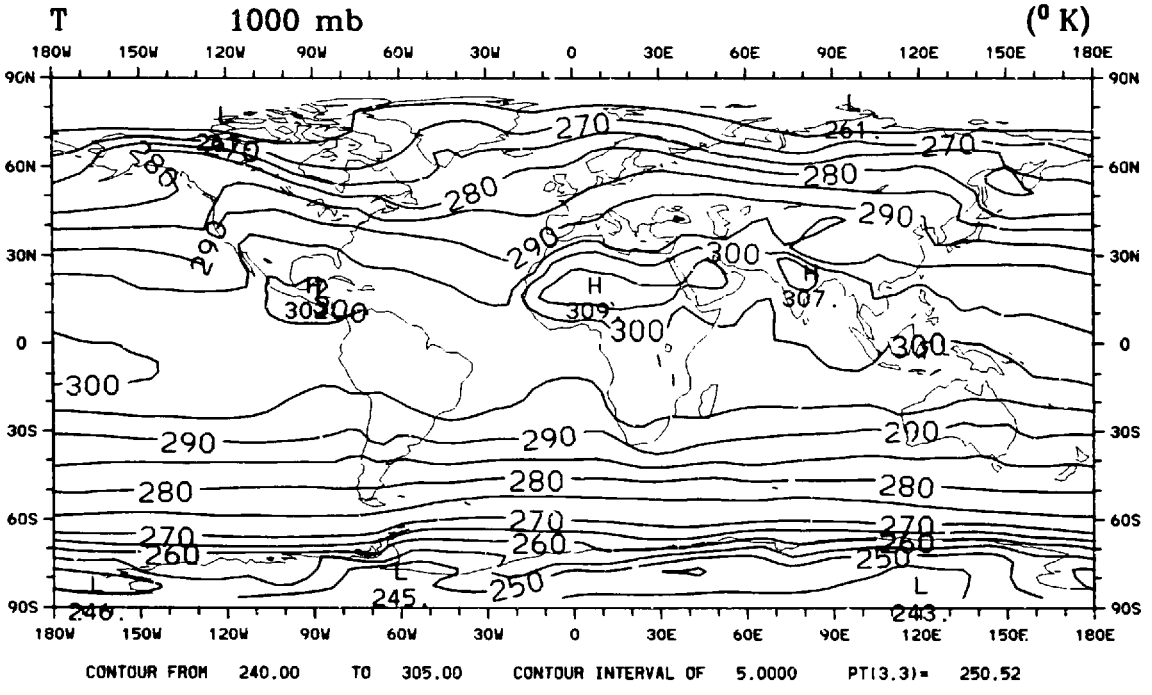

FRAME 1,13

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.14

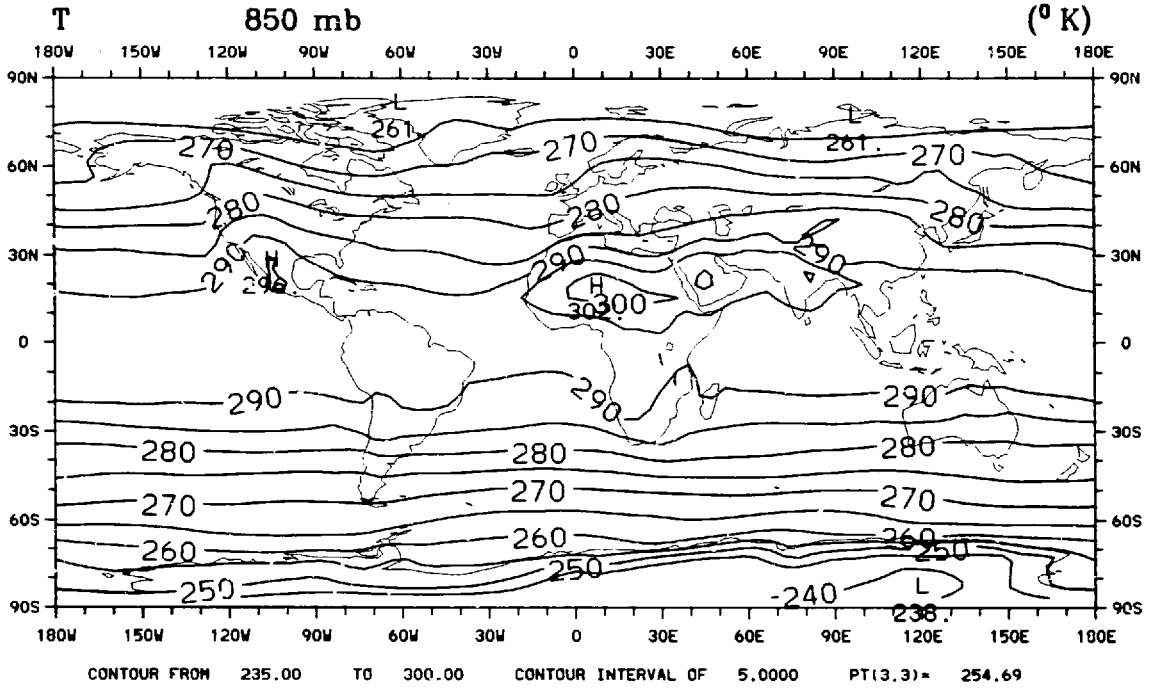
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 240.00 TO 305.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 250.52

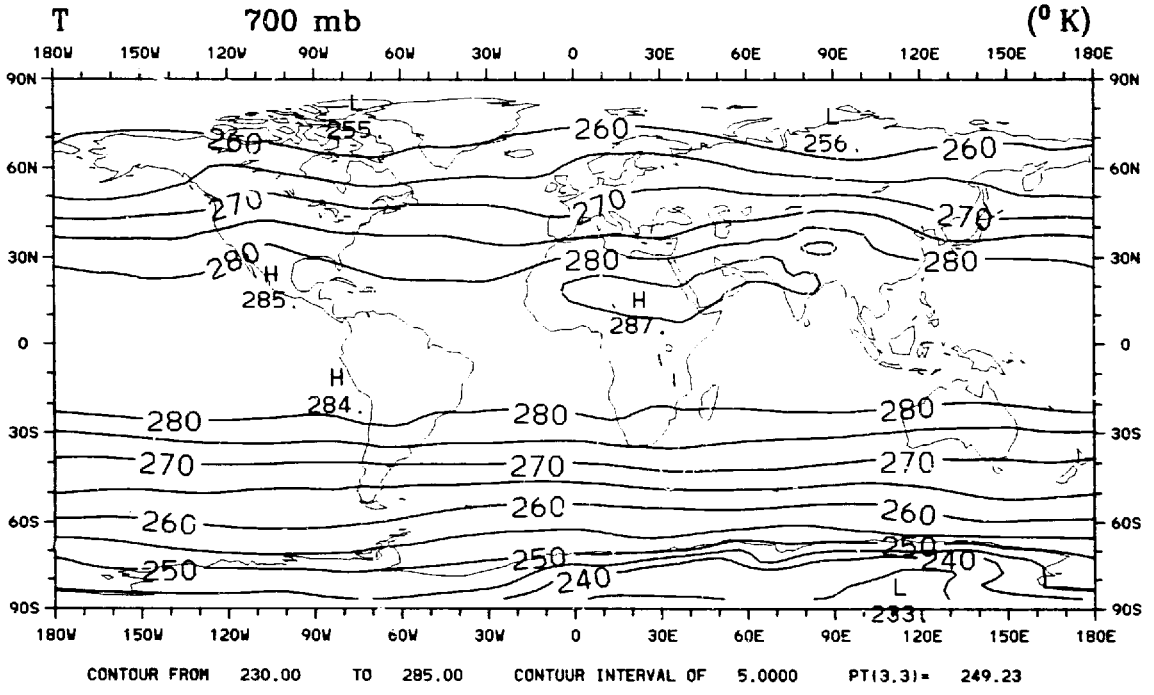
FRAME 1.15

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



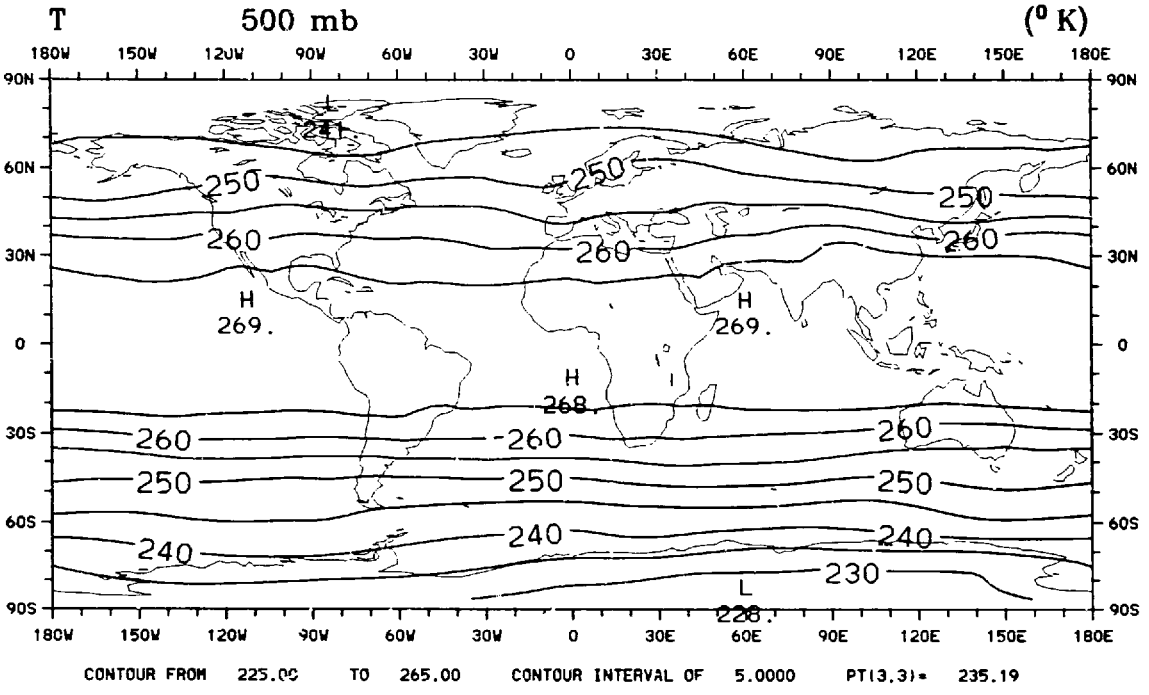

FRAME 1.16

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

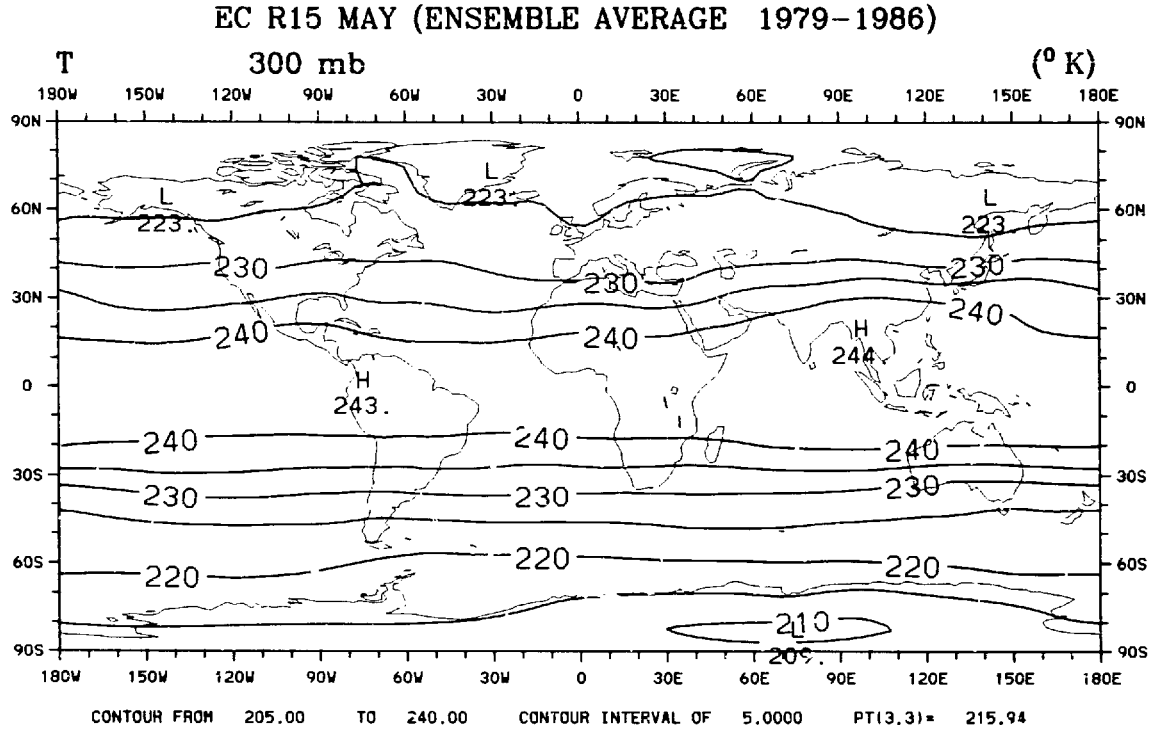



FRAME 1.17

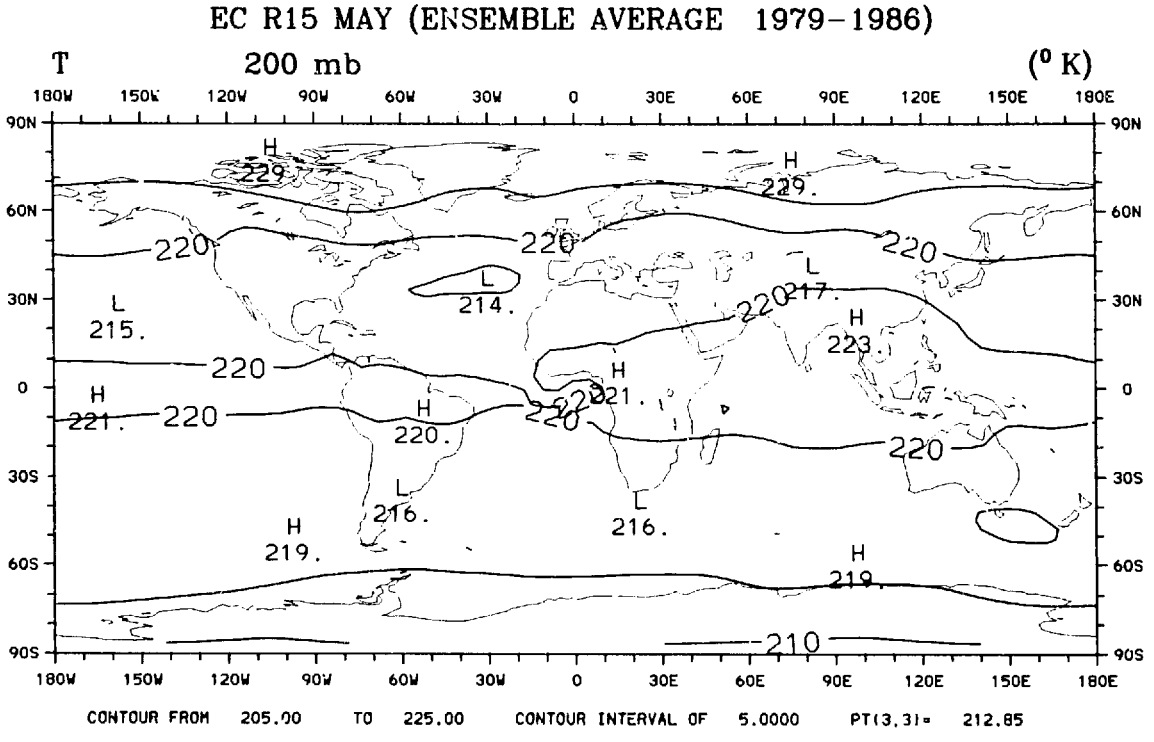
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.18

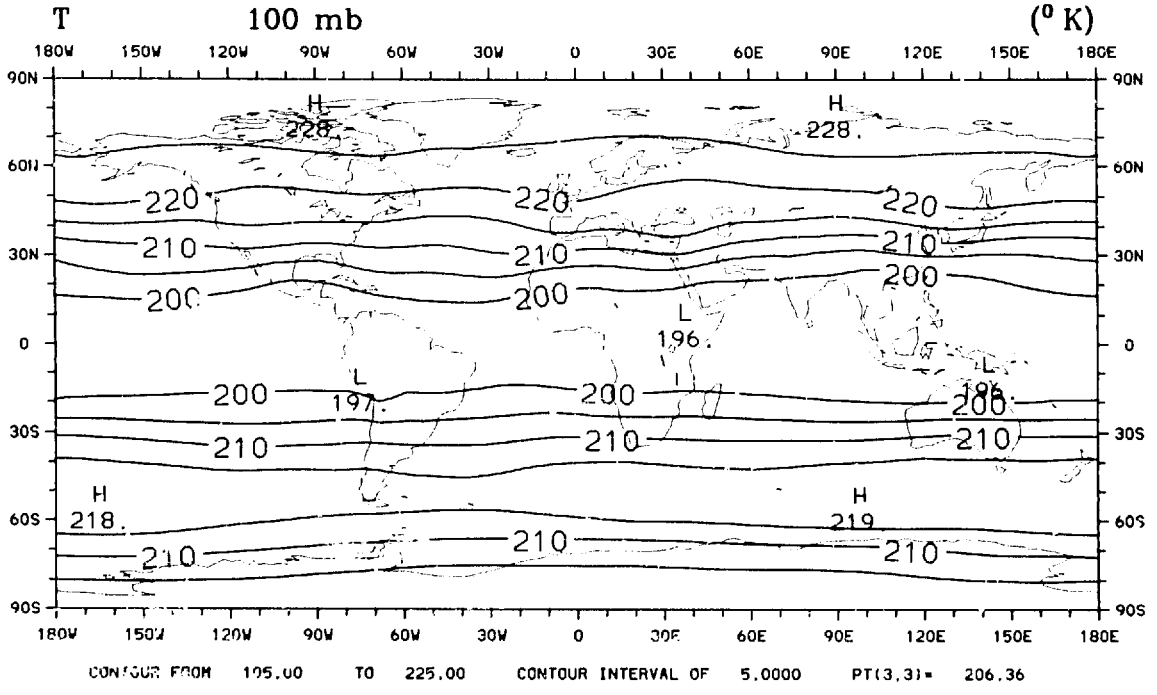

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
T
300 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
223.
230
240
H
243.
H
244.
220
210
205.
CONTOUR FROM 205.00 TO 240.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 215.94

FRAME 1.19


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
T
200 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 229.
H 229.
220
220
220
L 214.
L 217.
L 215.
220
H 223.
H 221.
H 221.
220
H 220.
220
220
L 216.
L 216.
H 219.
H 219.
210
CONTOUR FROM 205.00 TO 225.00 CONTOUR INTERVAL OF 5.0000 PT(3,31)= 212.85

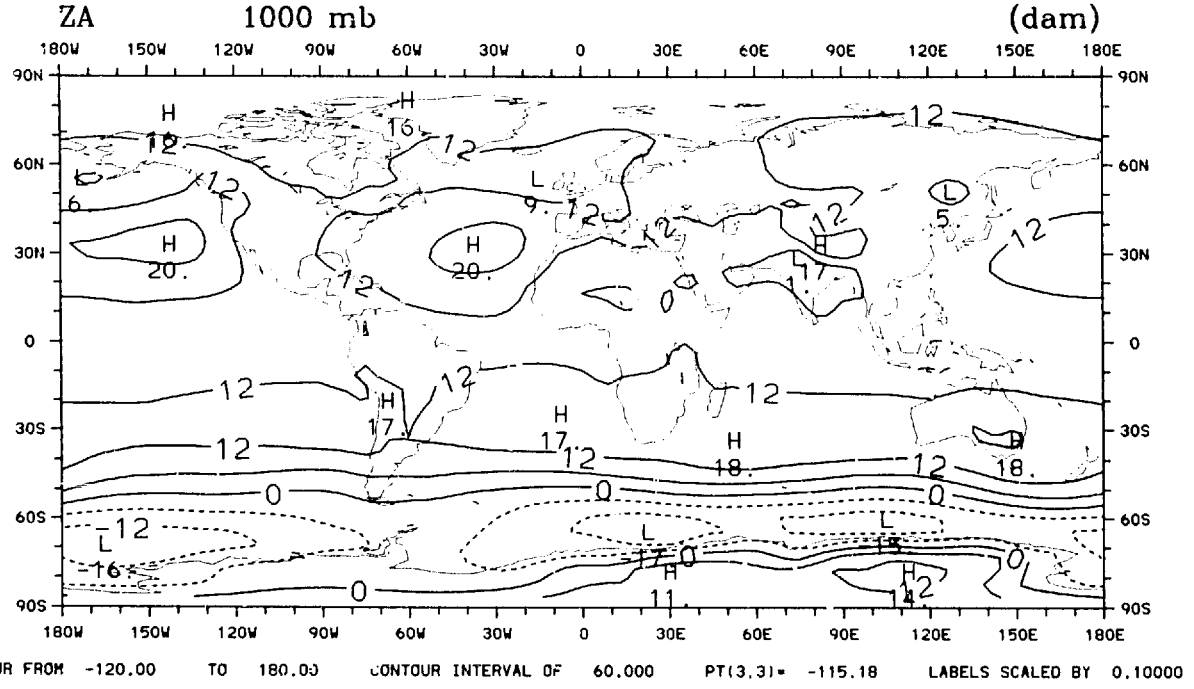
FRAME 1,20

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



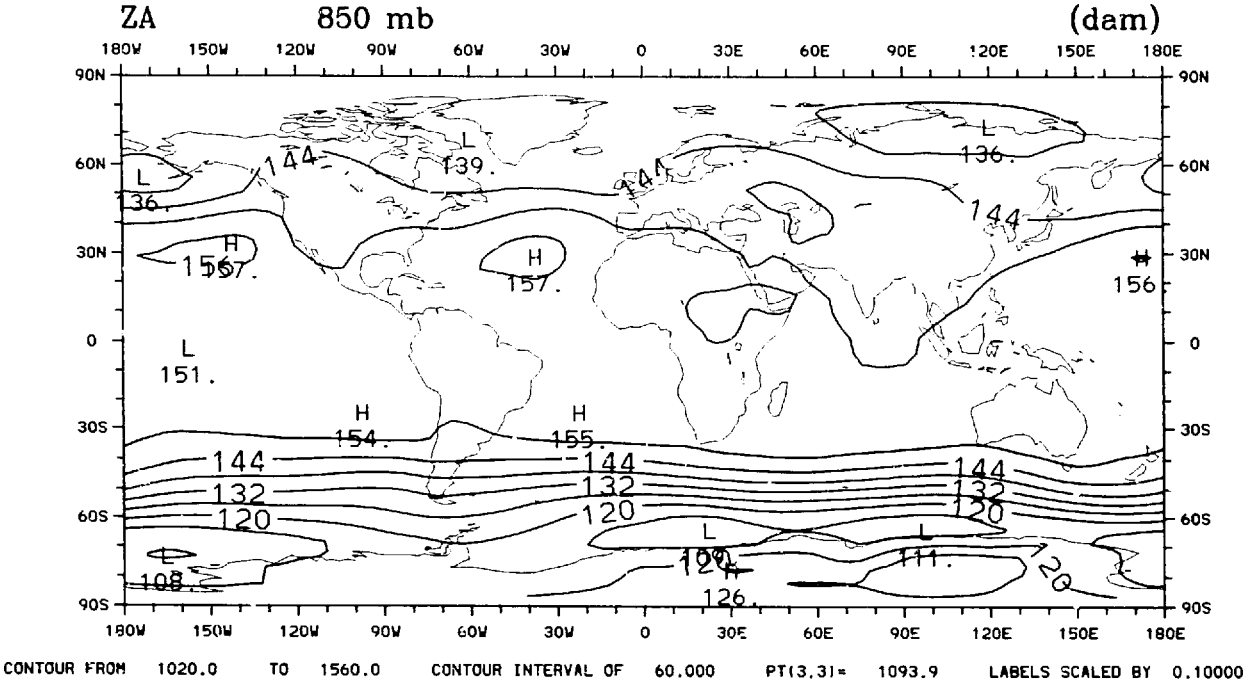

FRAME 1.21

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.22

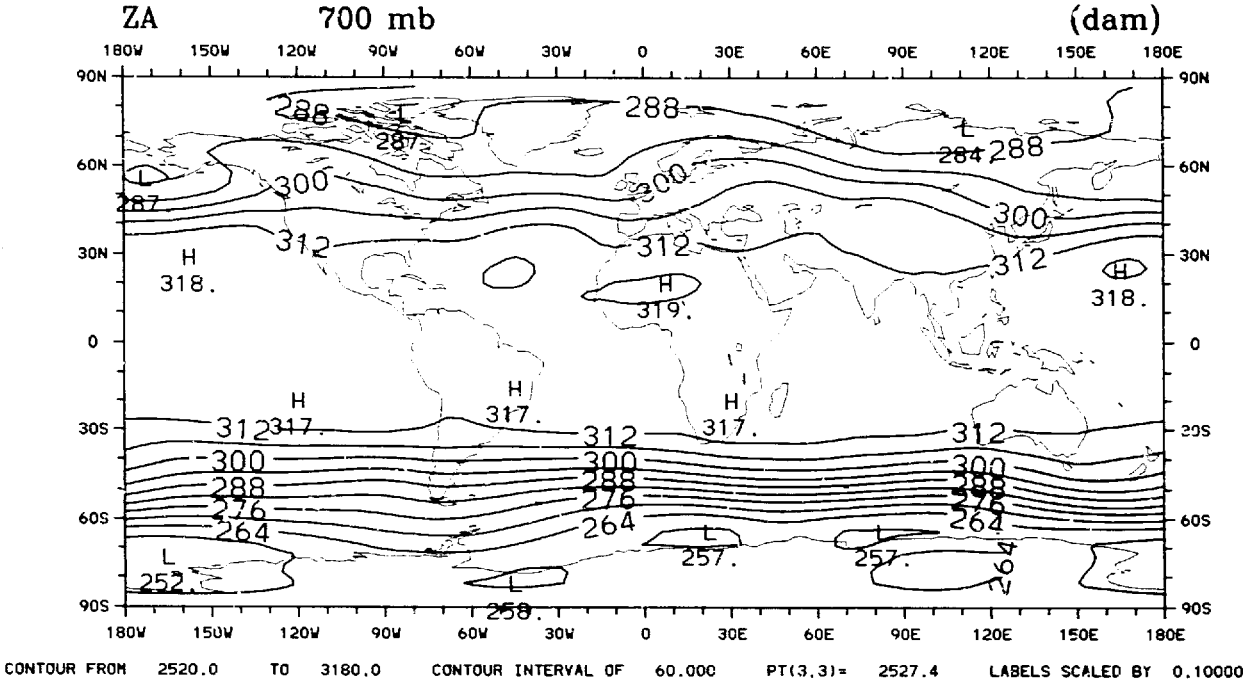
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



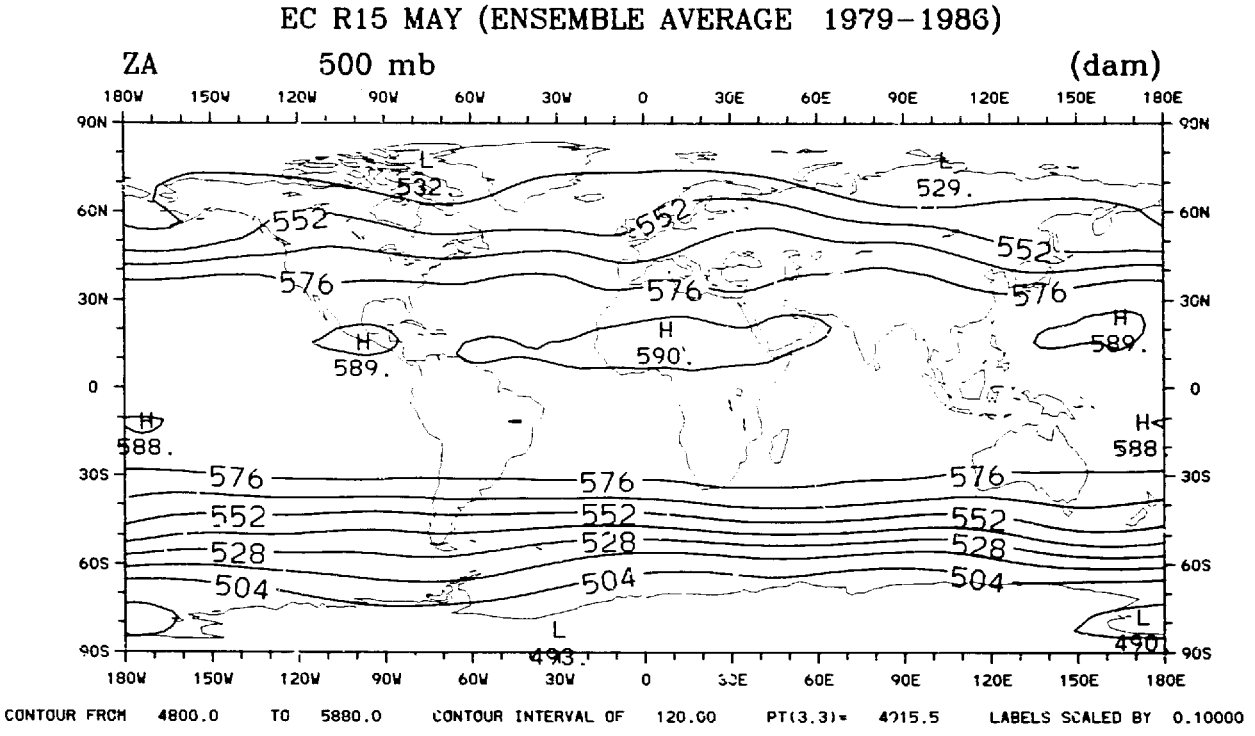

CONTOUR FROM 1020.0 TO 1560.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 1093.9 LABELS SCALED BY 0.10000

FRAME 1,23

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

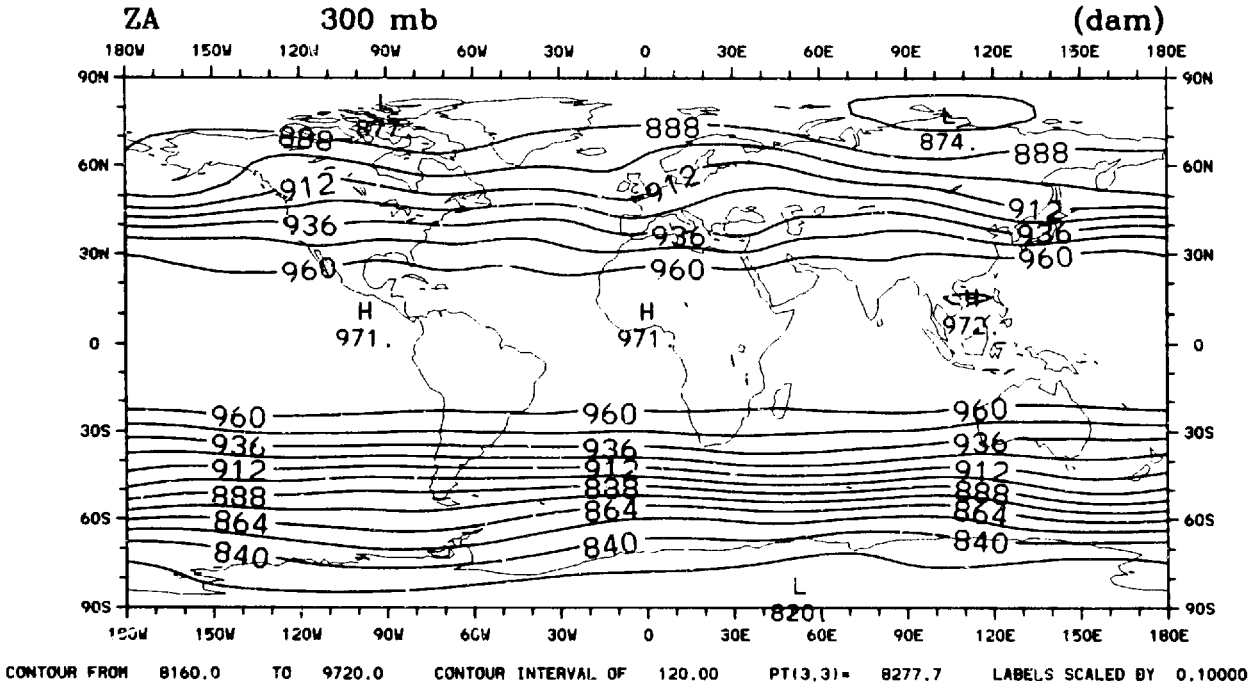



FRAME 1.24


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
ZA
500 mb
(dam)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
532.
552
576
H
589.
H
588.
576
552
528
504
L
493.
L
529.
552
576
H
590.
H
589.
576
552
528
504
H
588
576
552
528
504
L
490
CONTOUR FROM 4800.0 TO 5880.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 4915.5 LABELS SCALED BY 0.10000

FRAME 1.25

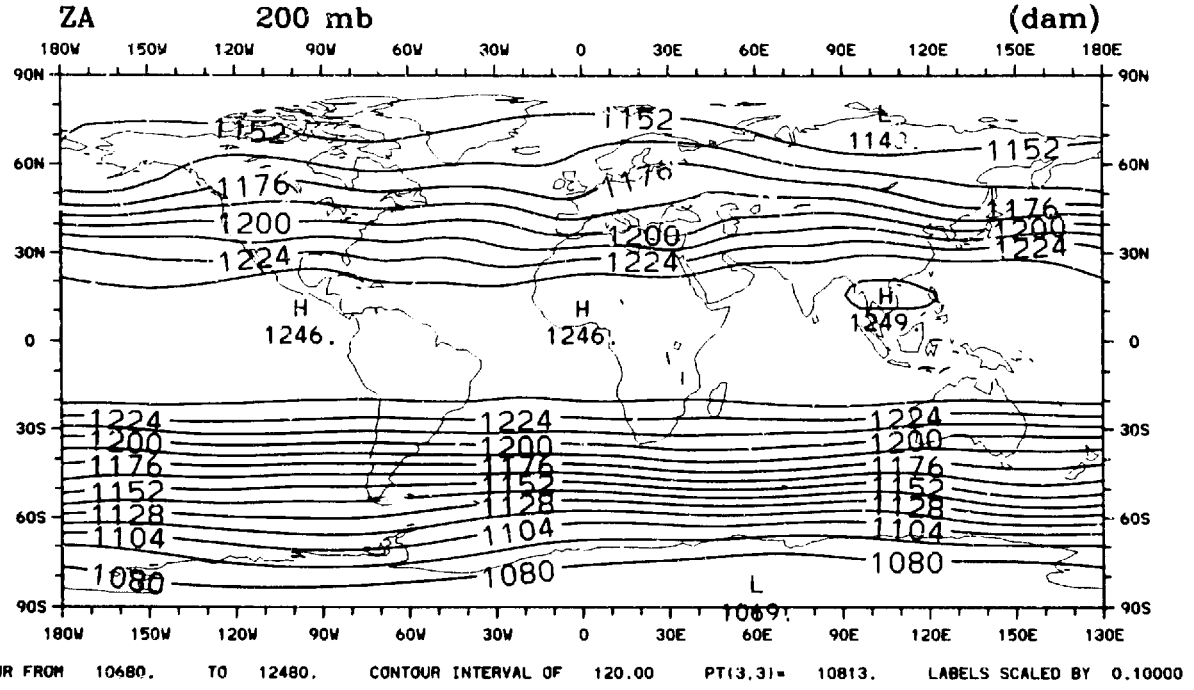
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 8160.0 TO 9720.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 8277.7 LABELS SCALED BY 0.10000

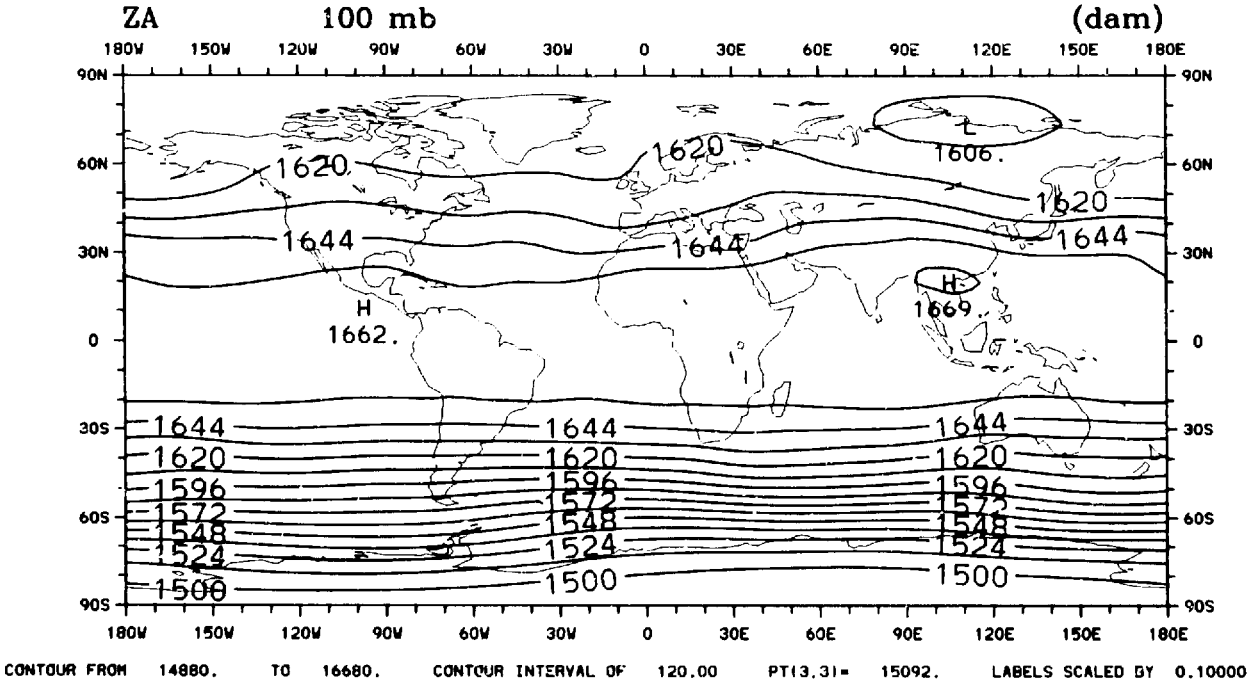
FRAME 1.26

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



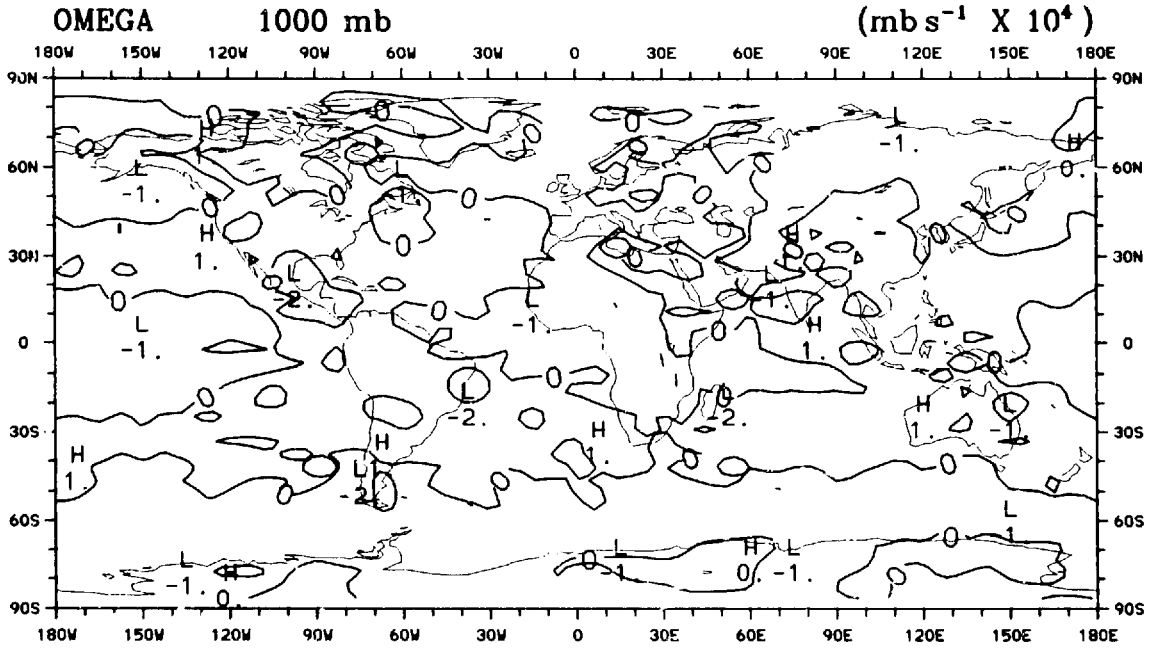

FRAME 1.27

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.28

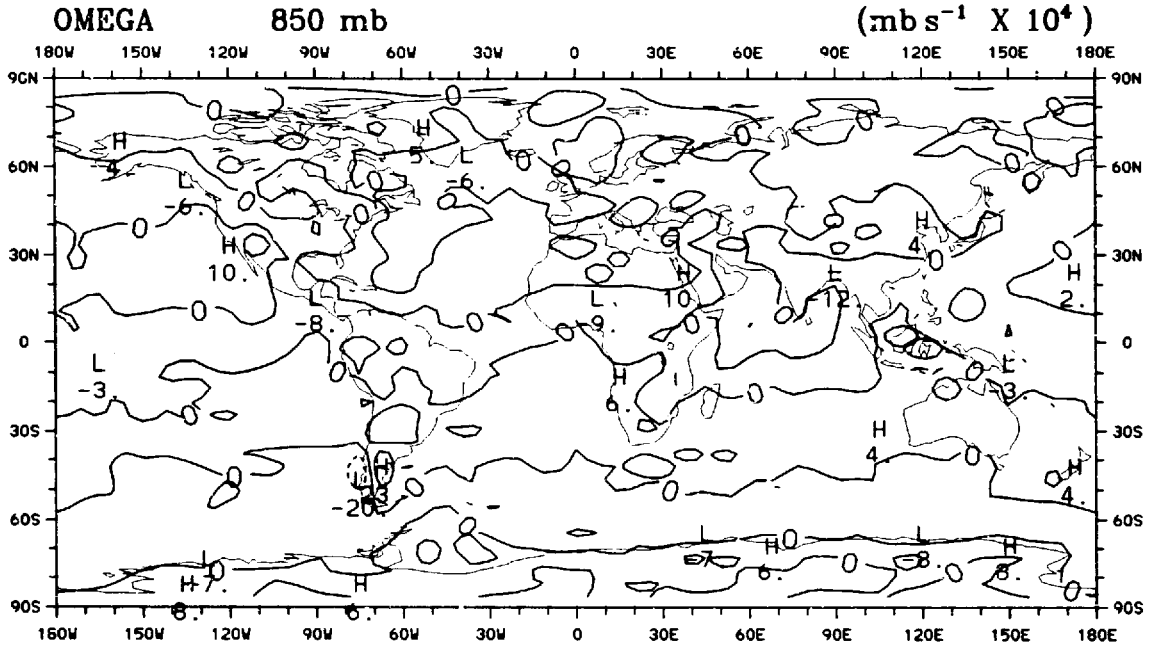
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.54100E-02 LABELS SCALED BY 100.00

FRAME 1.29

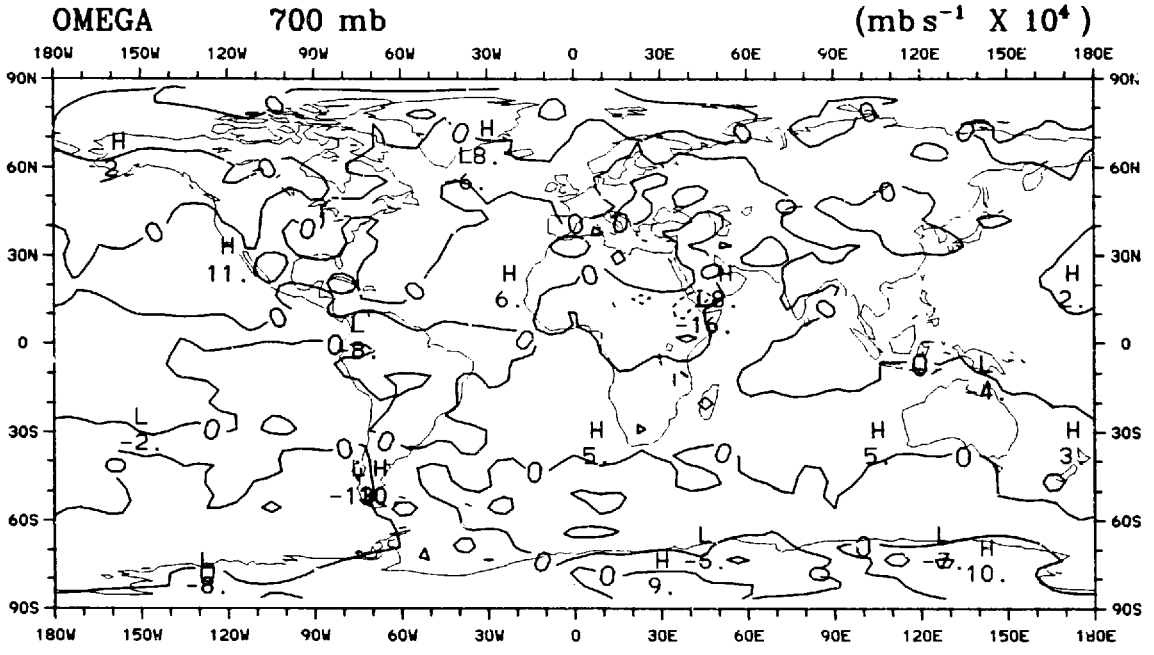
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.20000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.84631E-02 LABELS SCALED BY 100.00

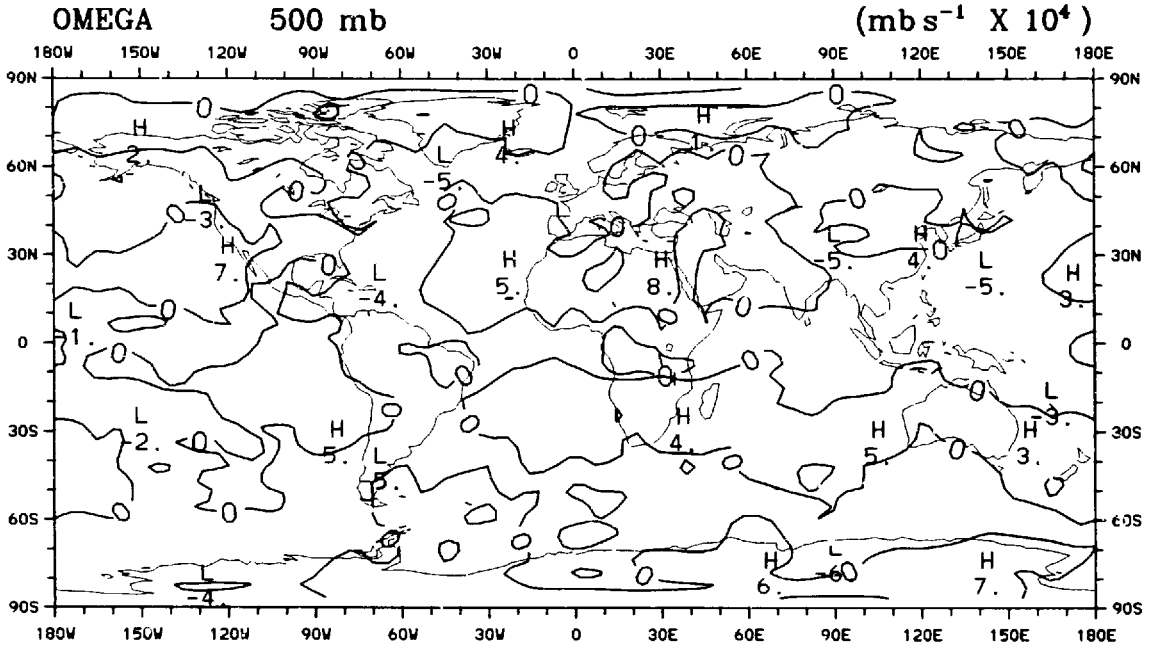
FRAME 1.30

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.31

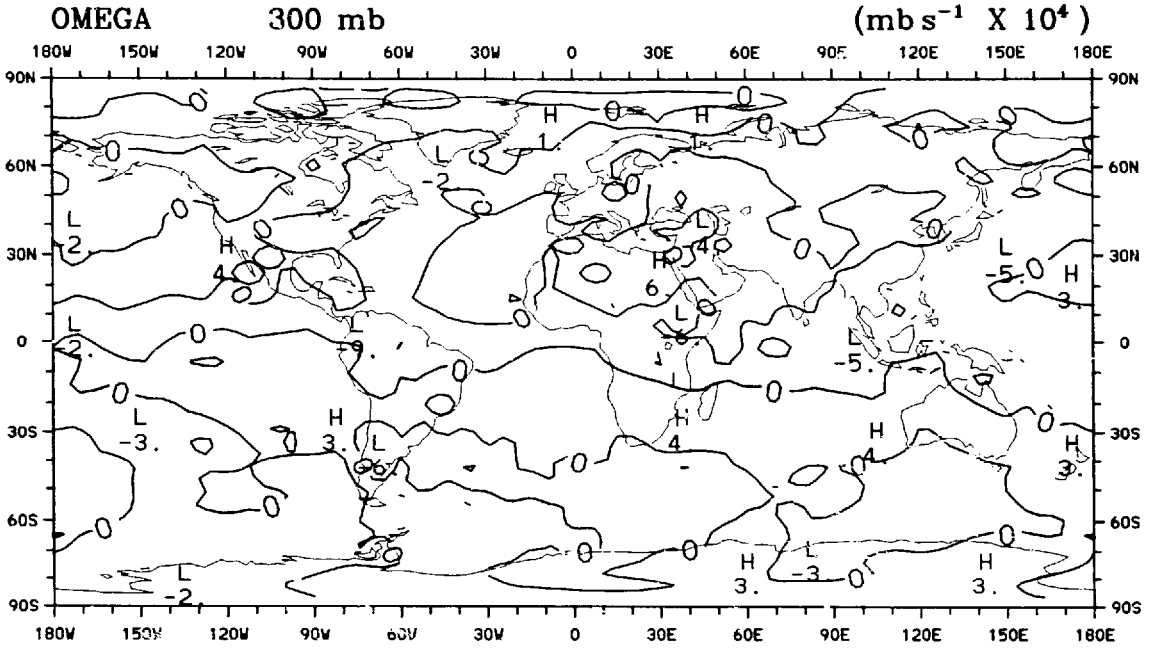
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.19874E-01 LABELS SCALED BY 100.00

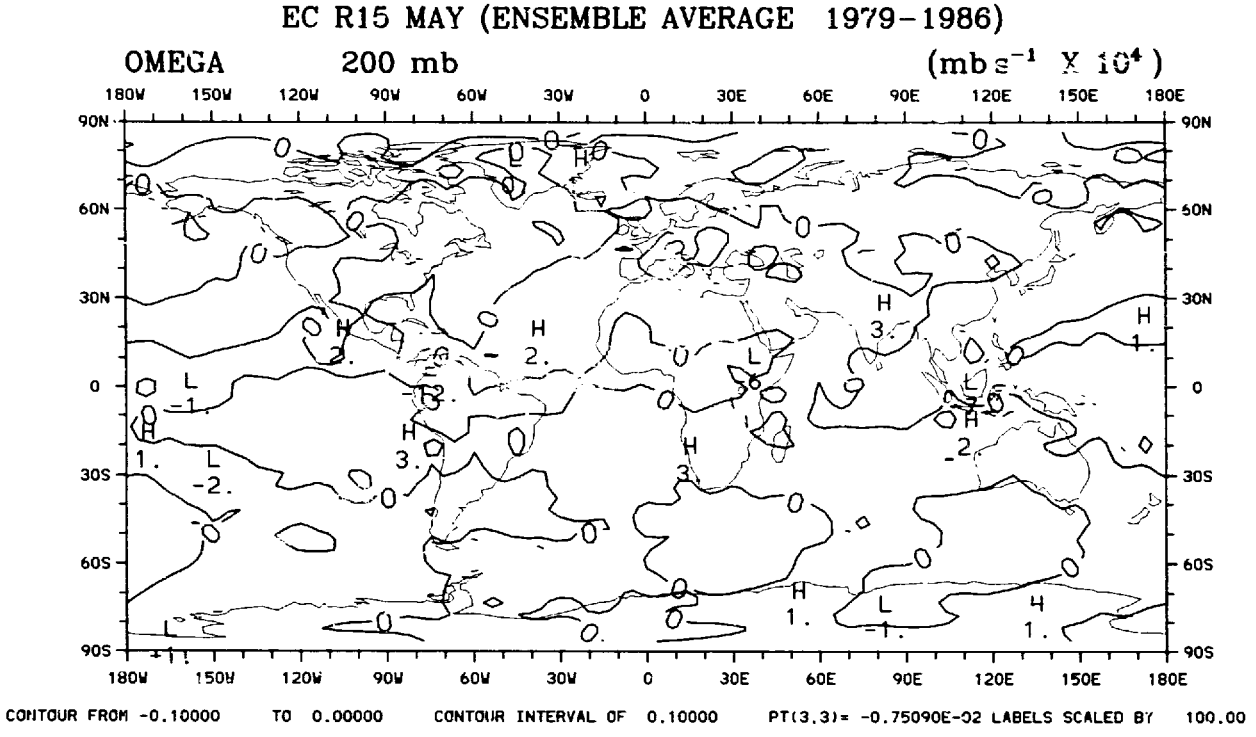
FRAME 1.32

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



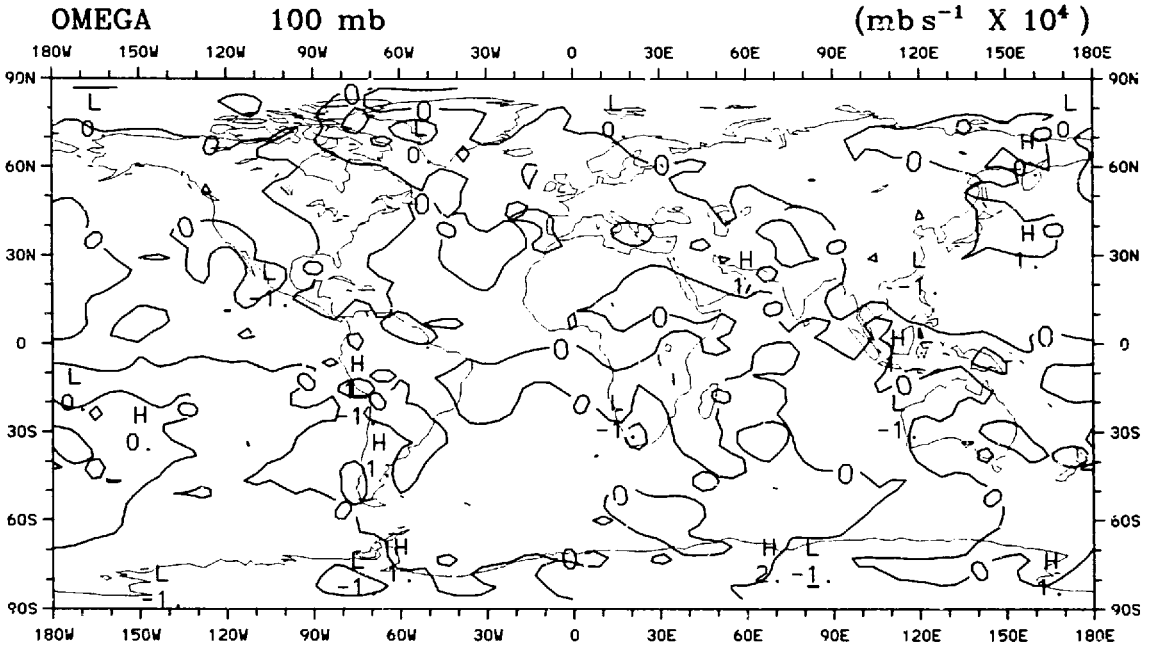

CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.13003E-01 LABELS SCALED BY 100.00

FRAME 1.33


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
OMEGA 200 mb (mb s$^{-1}$ X 10$^{4}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.10000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.75090E-02 LABELS SCALED BY 100.00

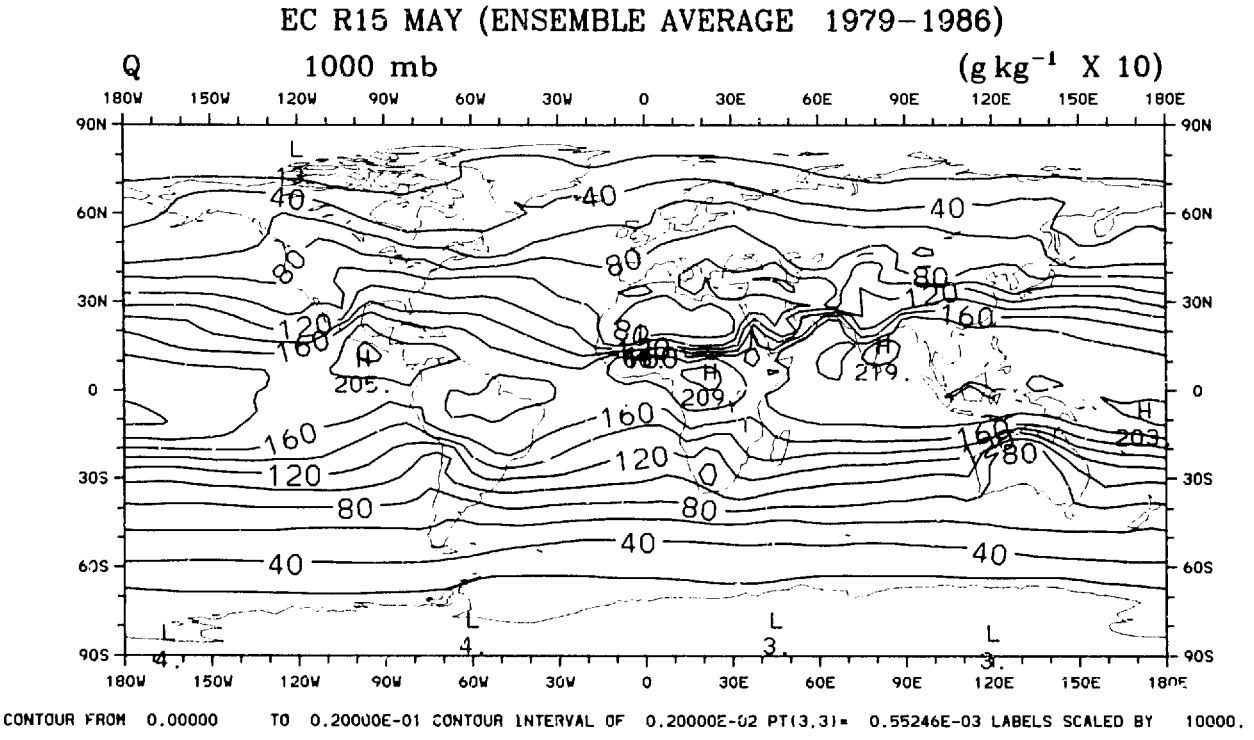
FRAME 1.34

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.40064E-02 LABELS SCALED BY 100.00

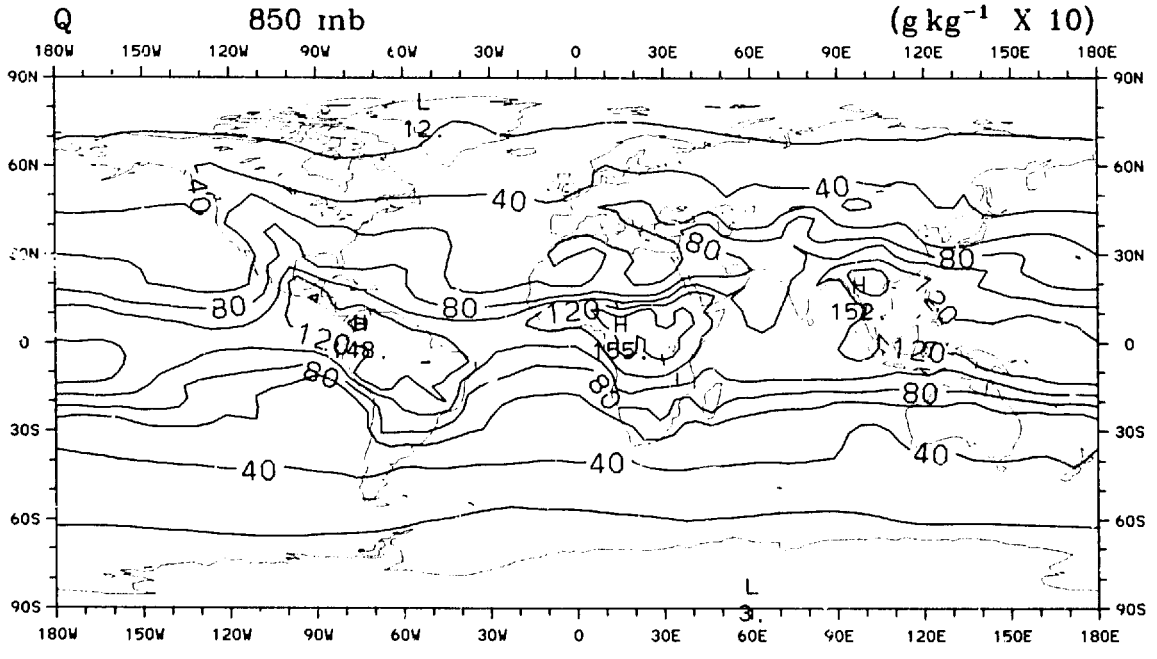
FRAME 1.35




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.55246E-03 LABELS SCALED BY 10000.

FRAME :.36

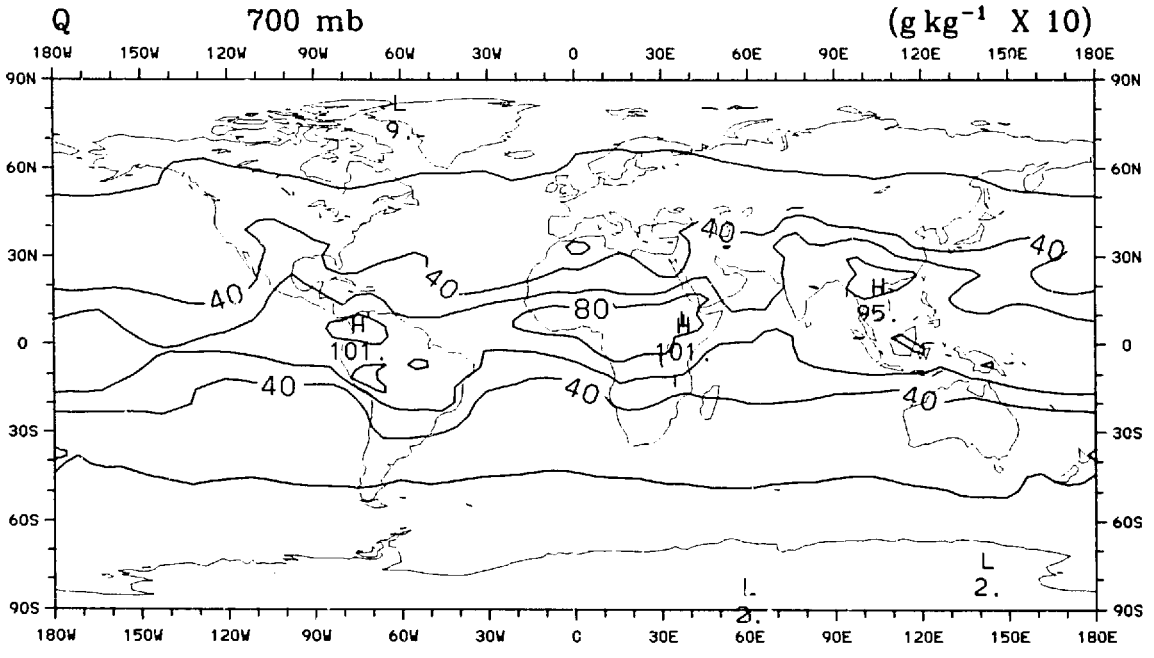
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.80865E-03 LABELS SCALED BY 10000.

FRAME 1.37

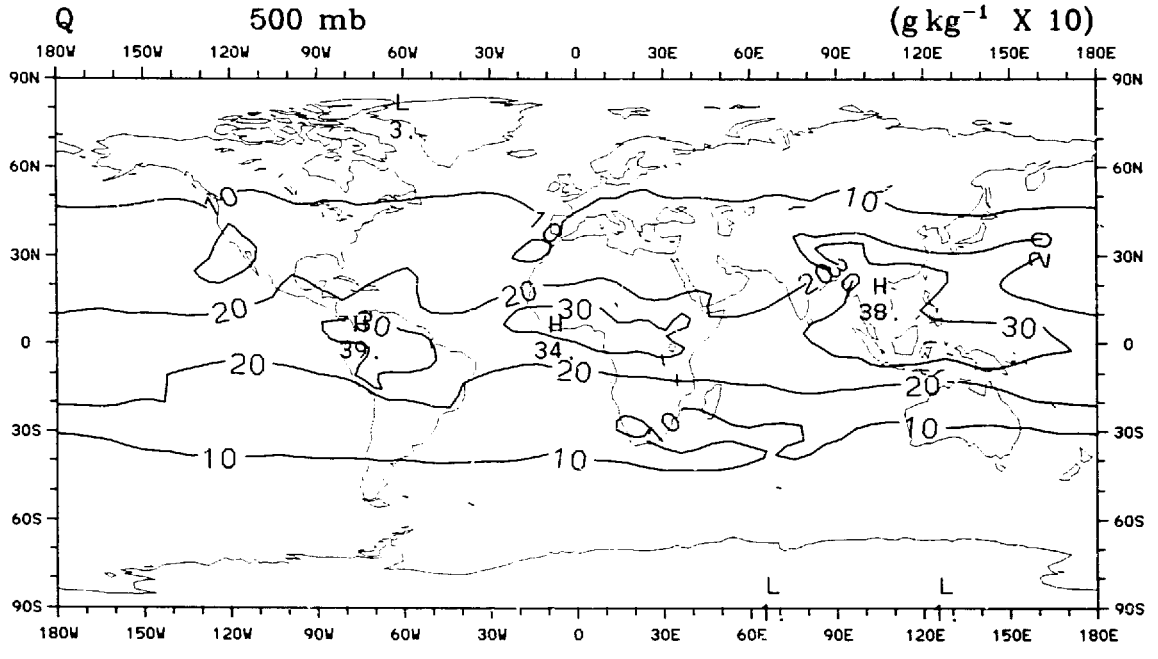
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.60638E-03 LABELS SCALED BY 10000.

FRAME 1.38

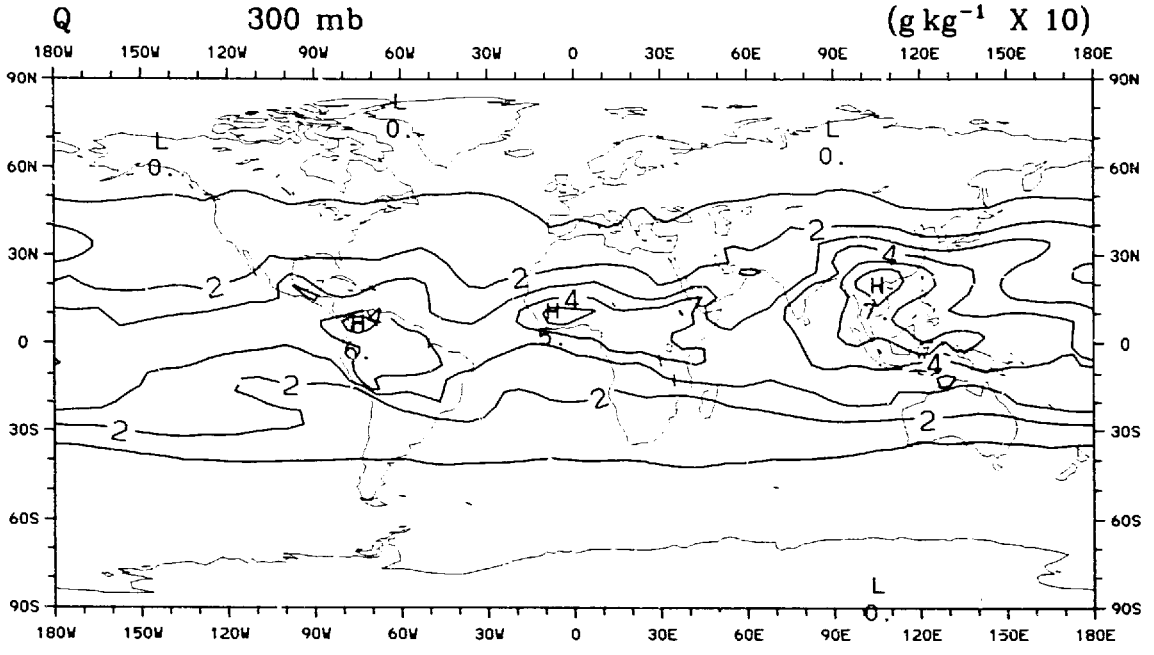
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.21133E-03 LABELS SCALED BY 10000.

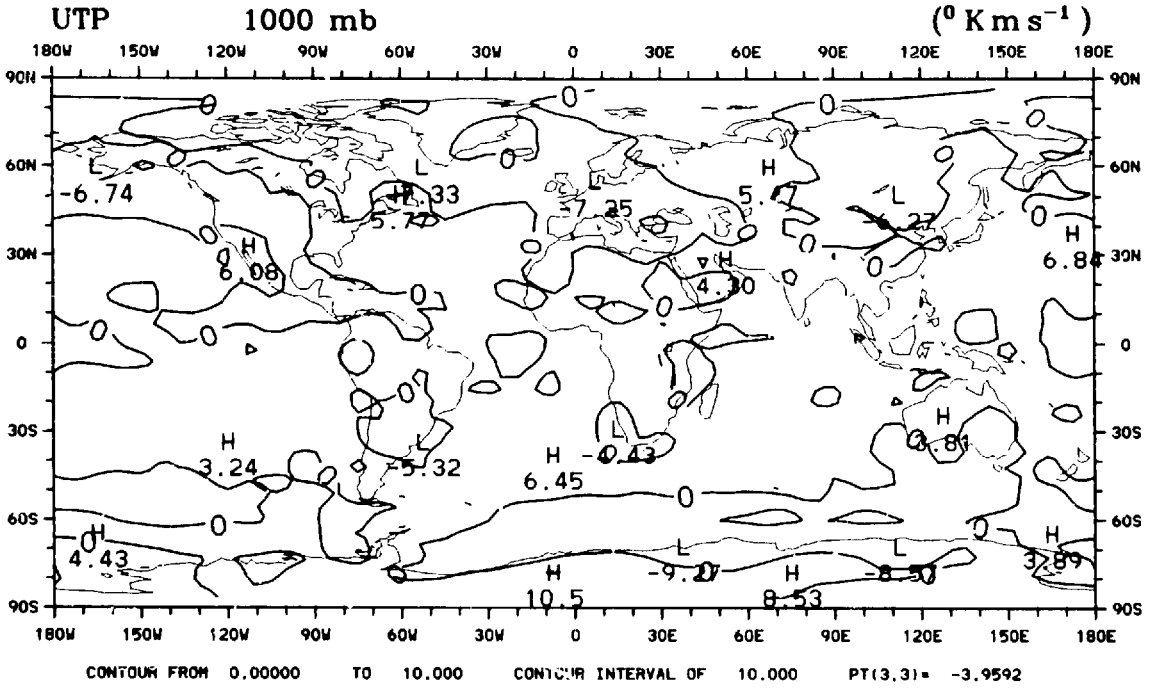
FRAME 1.39

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



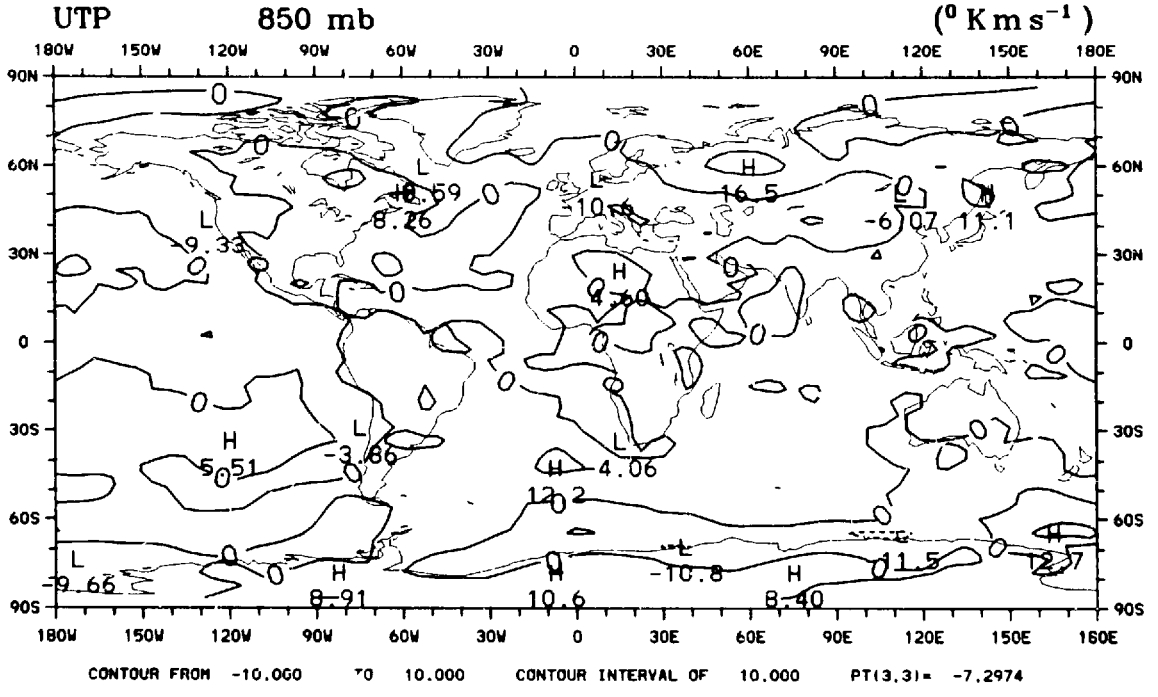

CONTOUR FROM 0.00000 TO 0.60000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.21541E-04 LABELS SCALED BY 10000.

FRAME 1.40


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UTP 1000 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
-6.74
6.08
3.24
4.43
10.5
6.45
-9.27
8.53
6.84
3.89
CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -3.9592

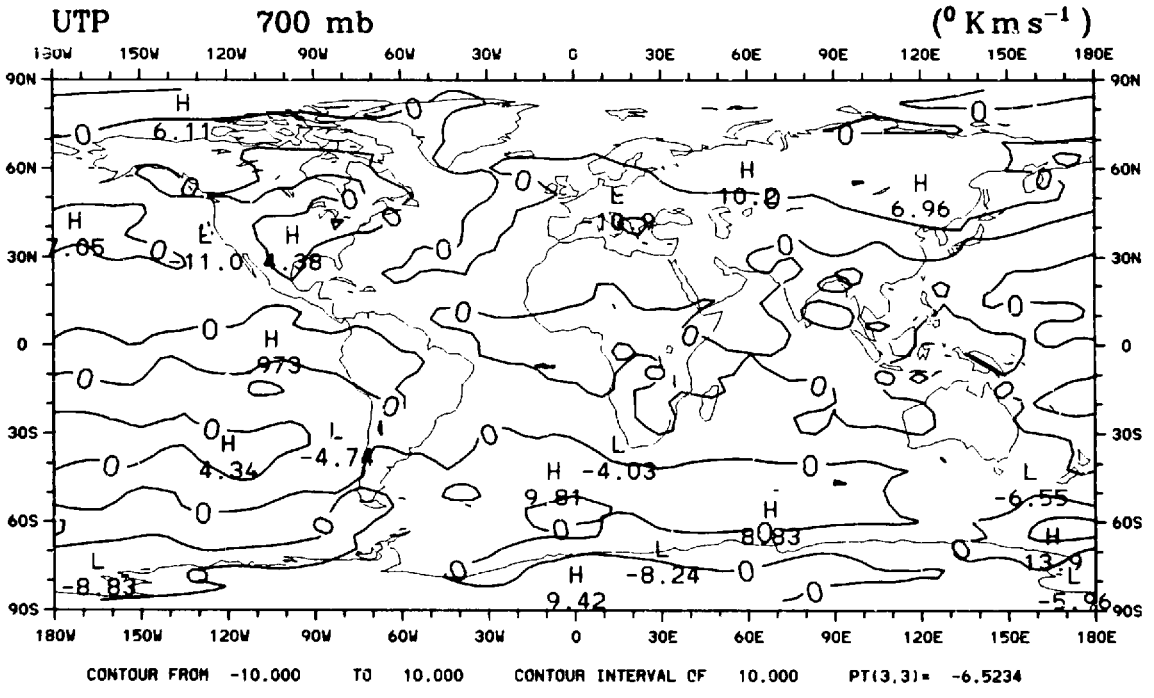
FRAME 1.41

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

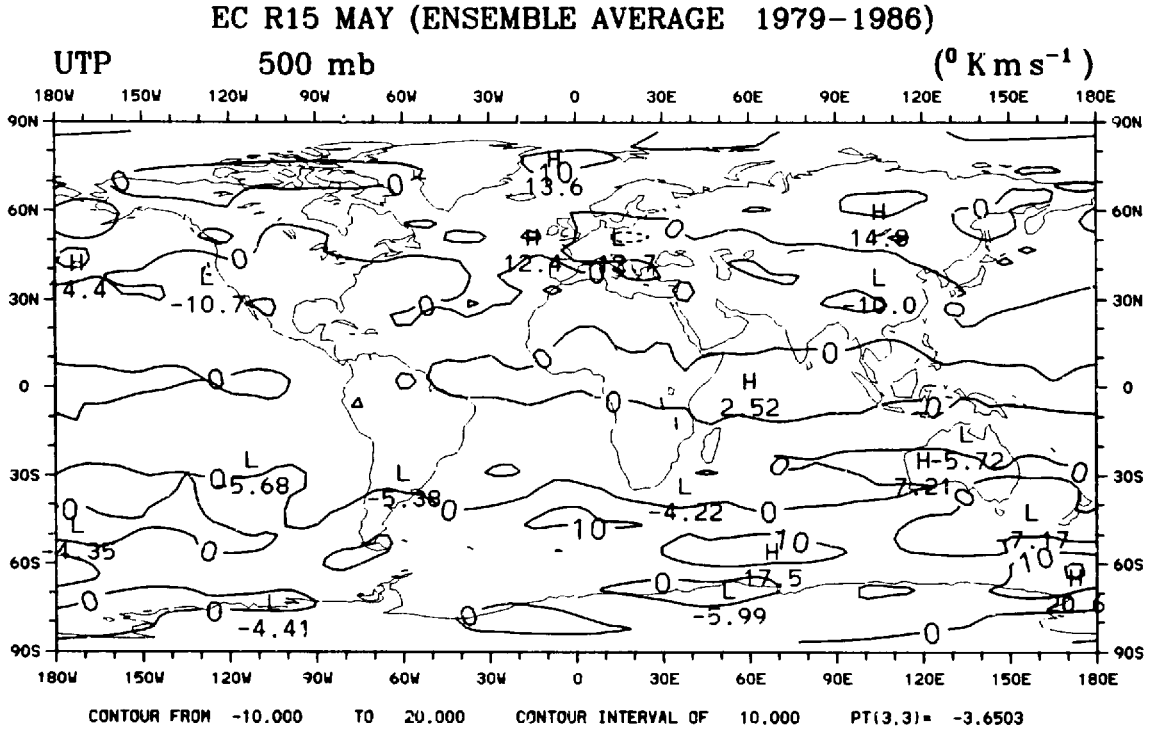



FRAME 1.42

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

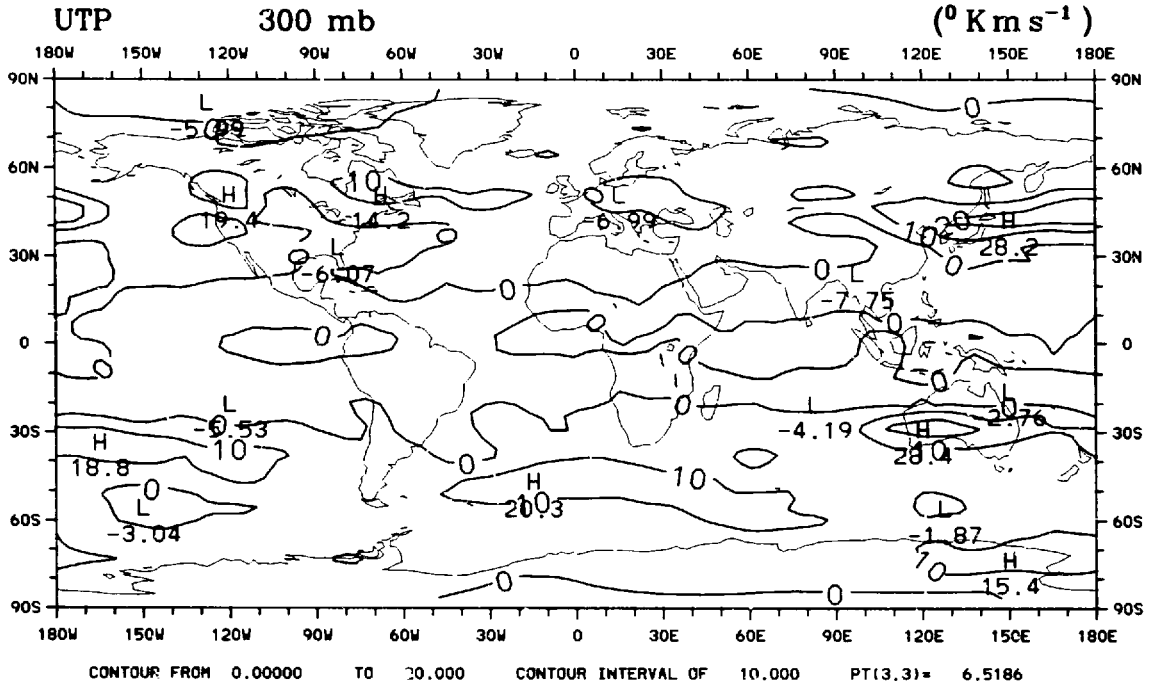



FRAME 1.43


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UTP
500 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -10.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -3.6503

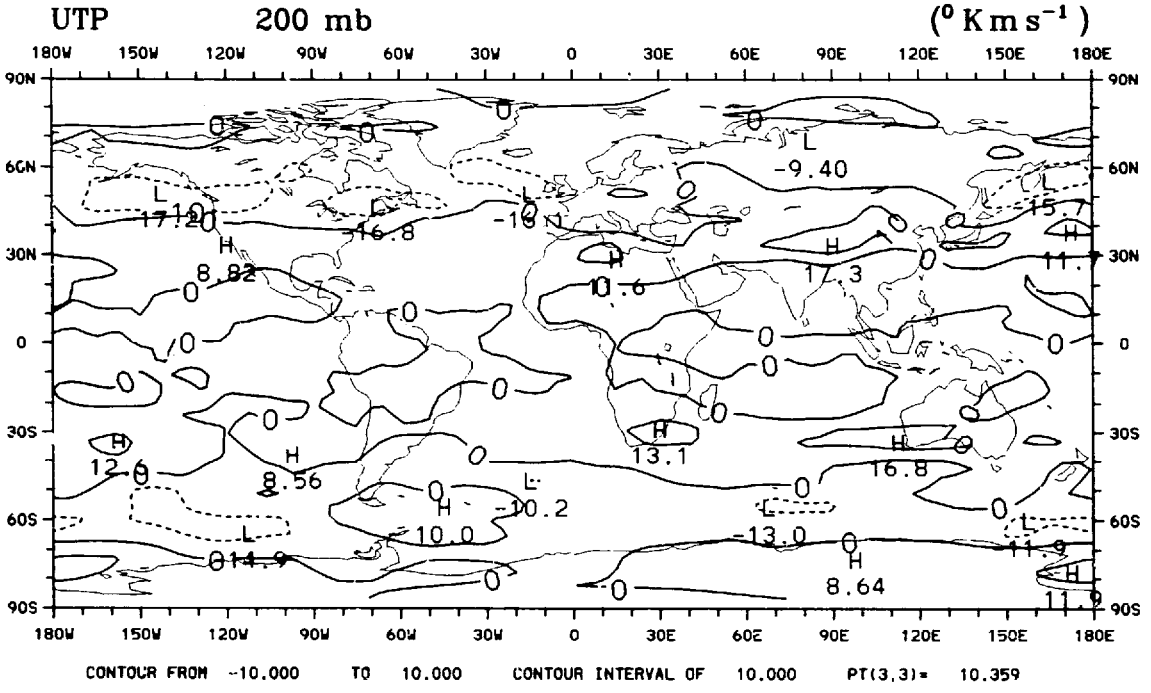
FRAME 1.44

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



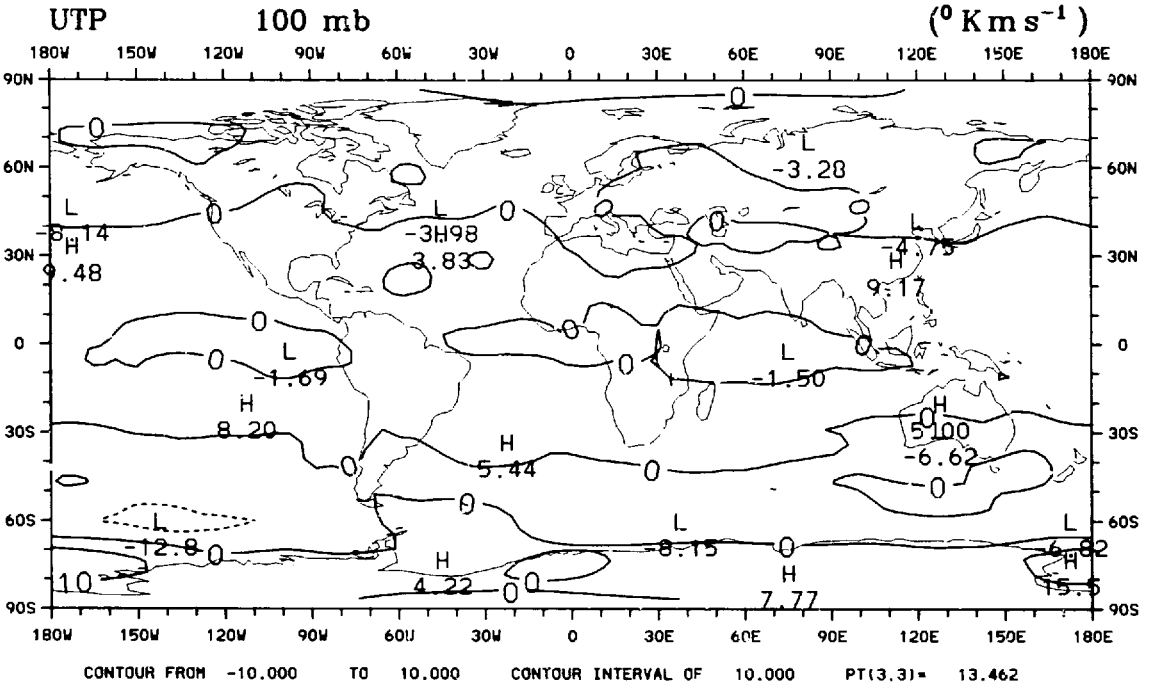

FRAME 1.45

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

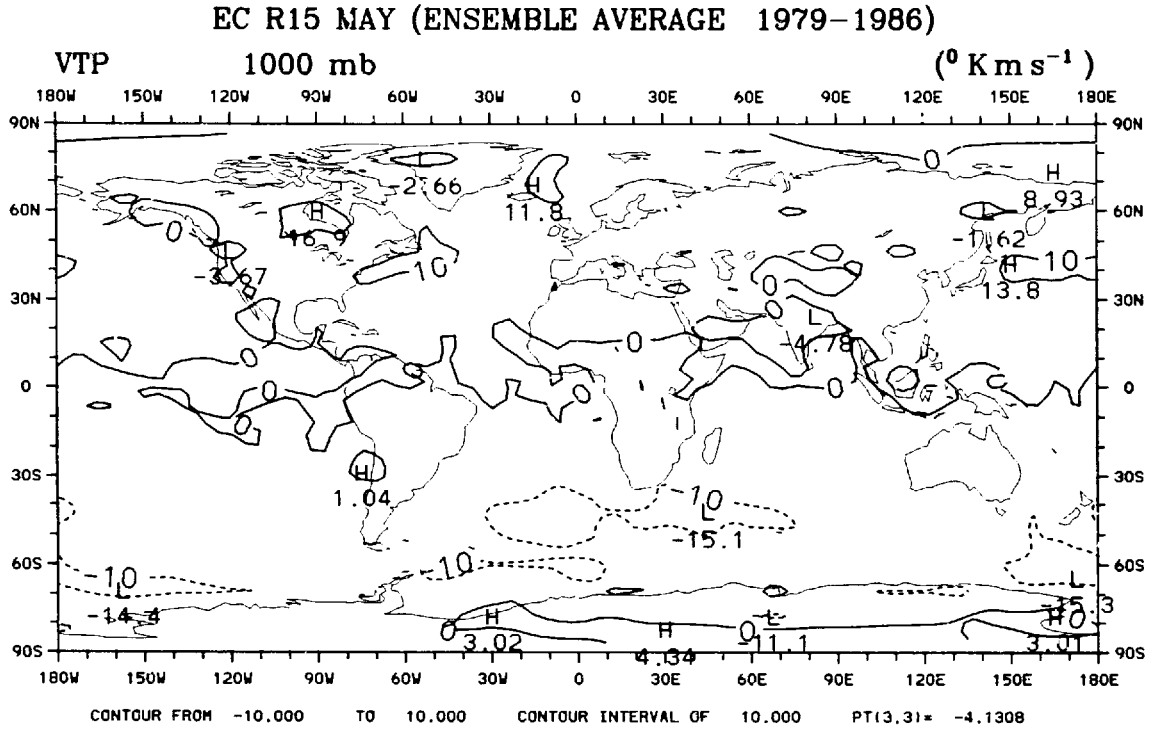



FRAME 1.46

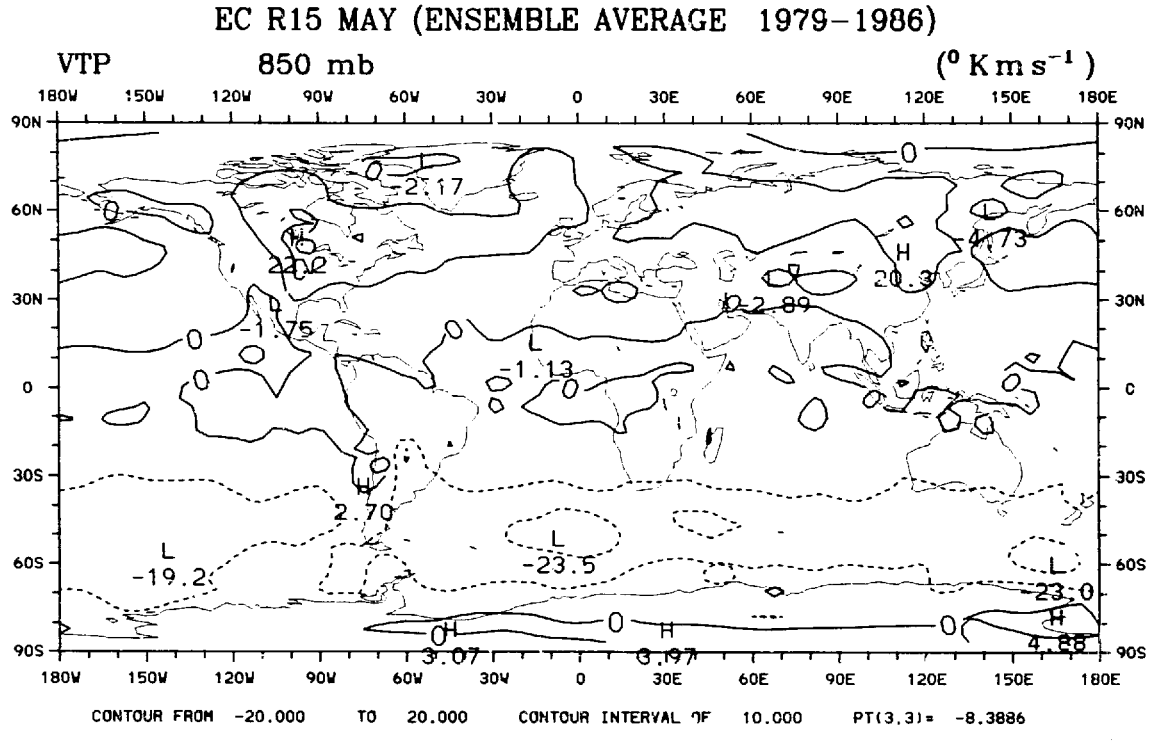
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.47

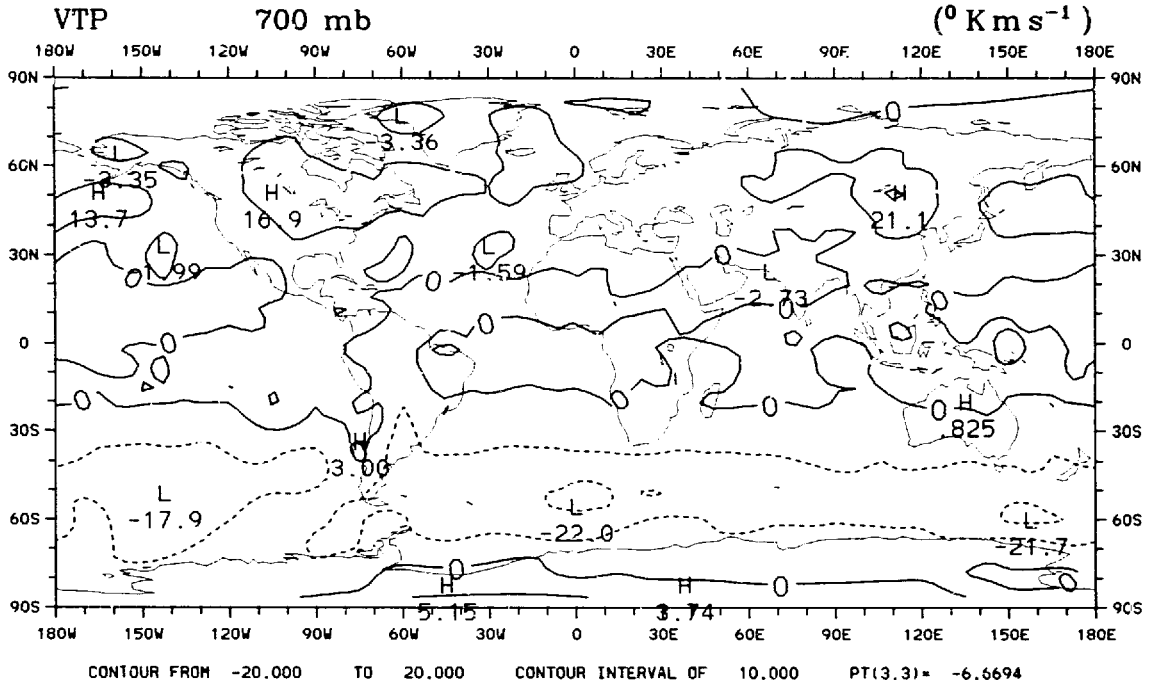

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VTP 1000 mb
(⁰ K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
2.66
11.8
8.93
-1.62
10
13.8
-3.67
10
4.78
1.04
-10
-15.1
-10
-10
-14.4
3.02
4.34
11.1
3.91
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -4.1308

FRAME 1.48

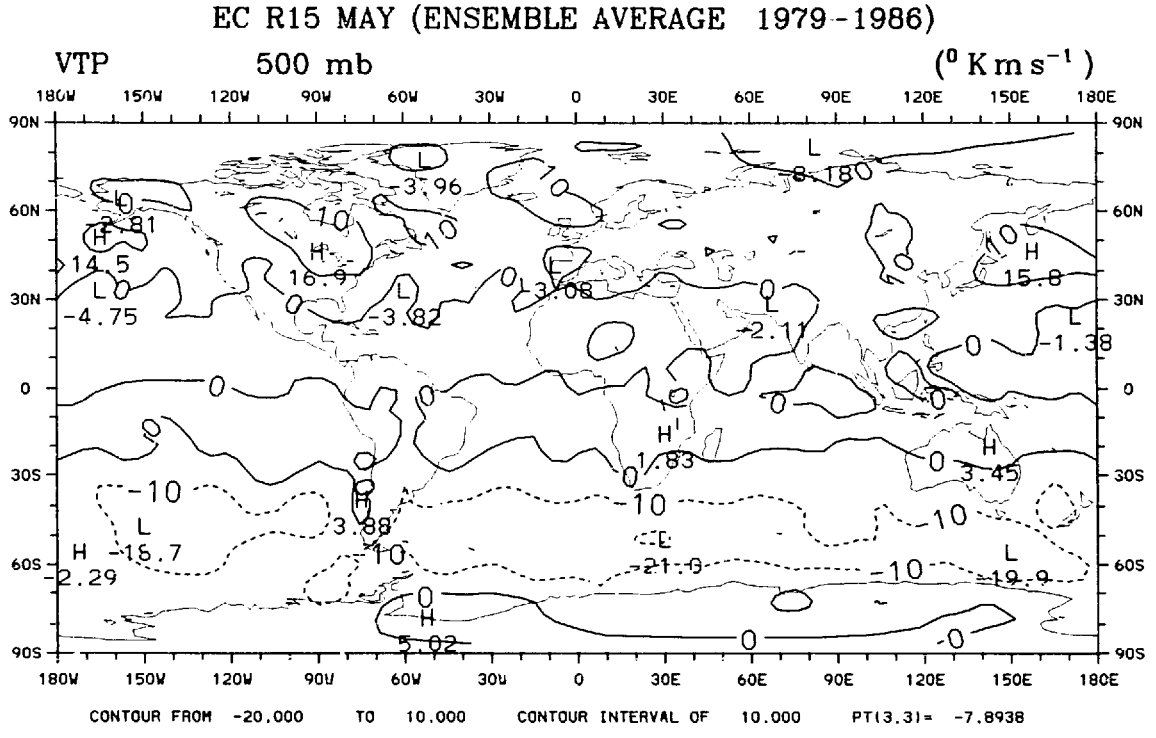

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VTP
850 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-2.17
2.02
-1.75
-1.13
2.89
20.3
-4.73
2.70
-19.2
-23.5
-23.0
3.07
3.97
4.88
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -8.3886

FRAME 1.49

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

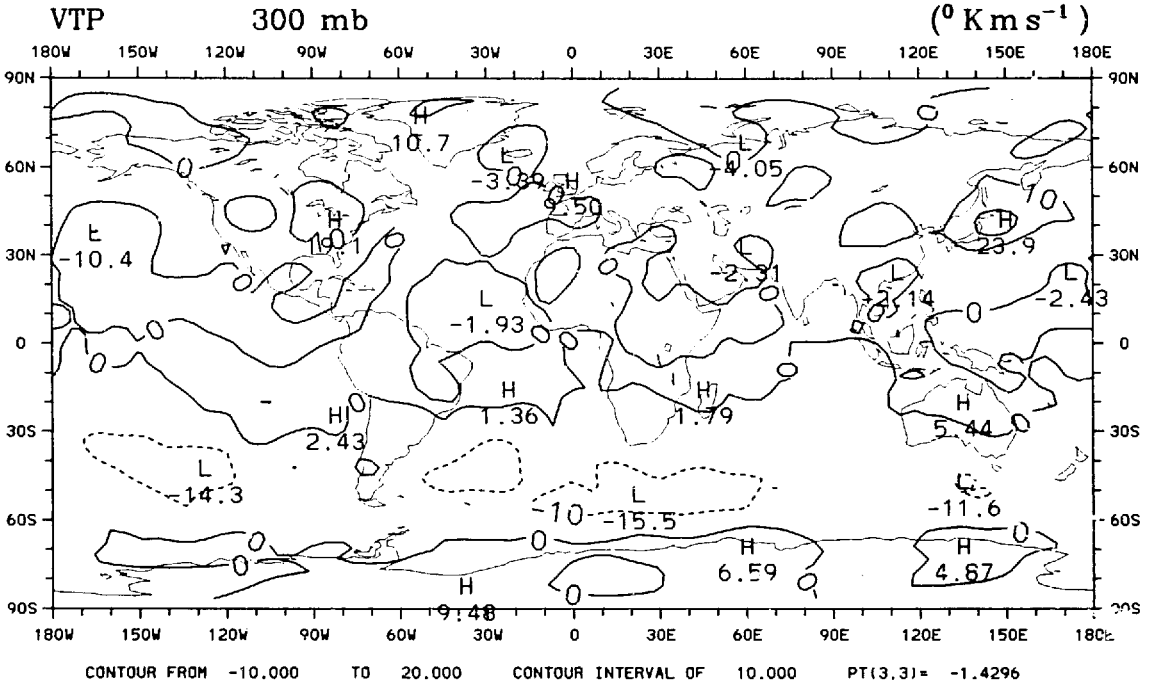



FRAME 1.5C

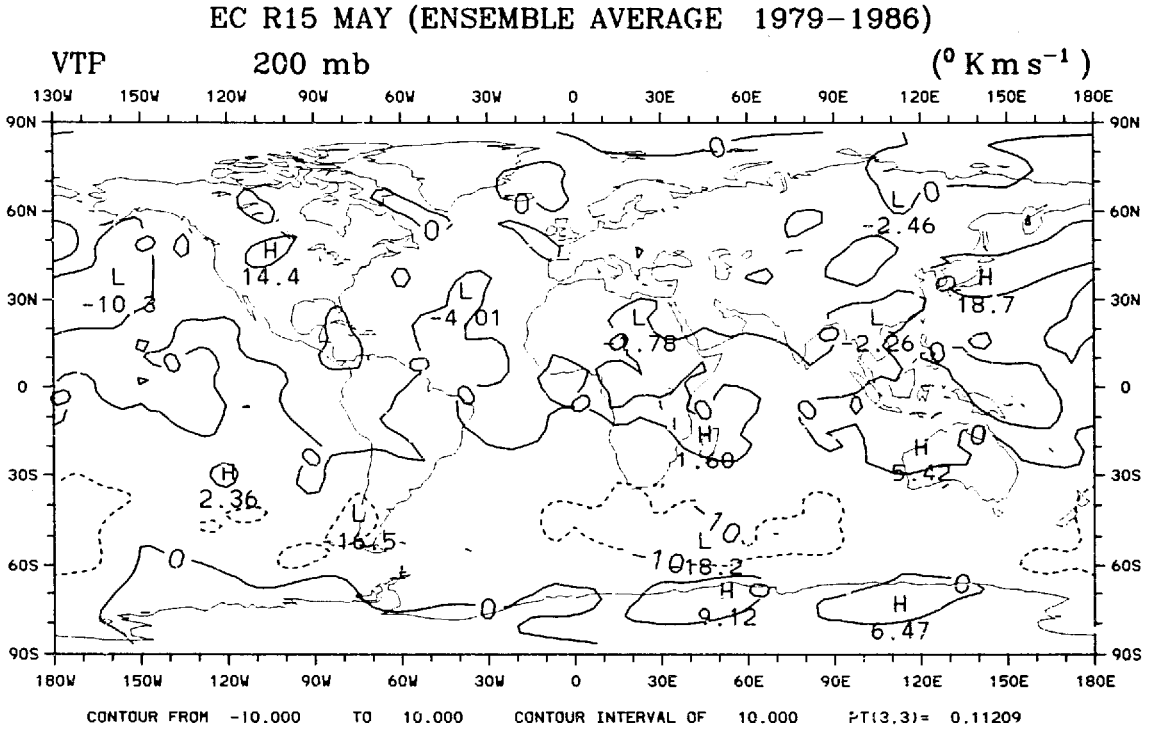

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VTP
500 mb
(⁰ K m s⁻¹ )
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -20.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -7.8938

FRAME 1.51

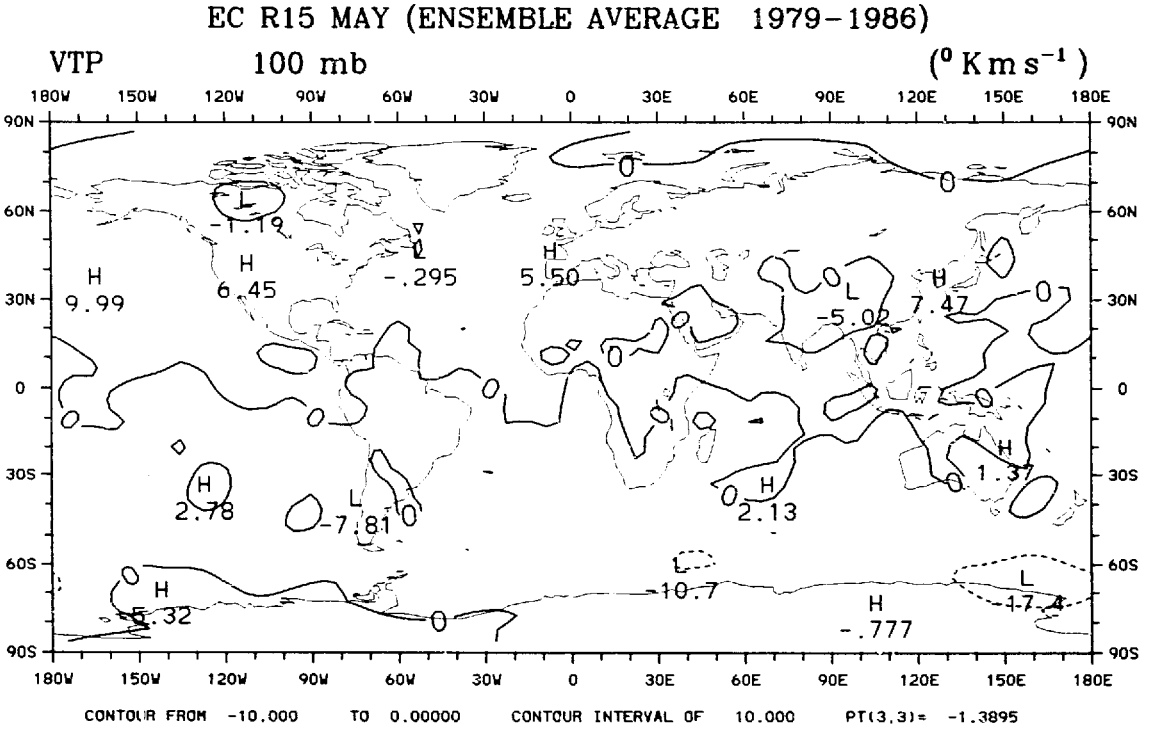
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



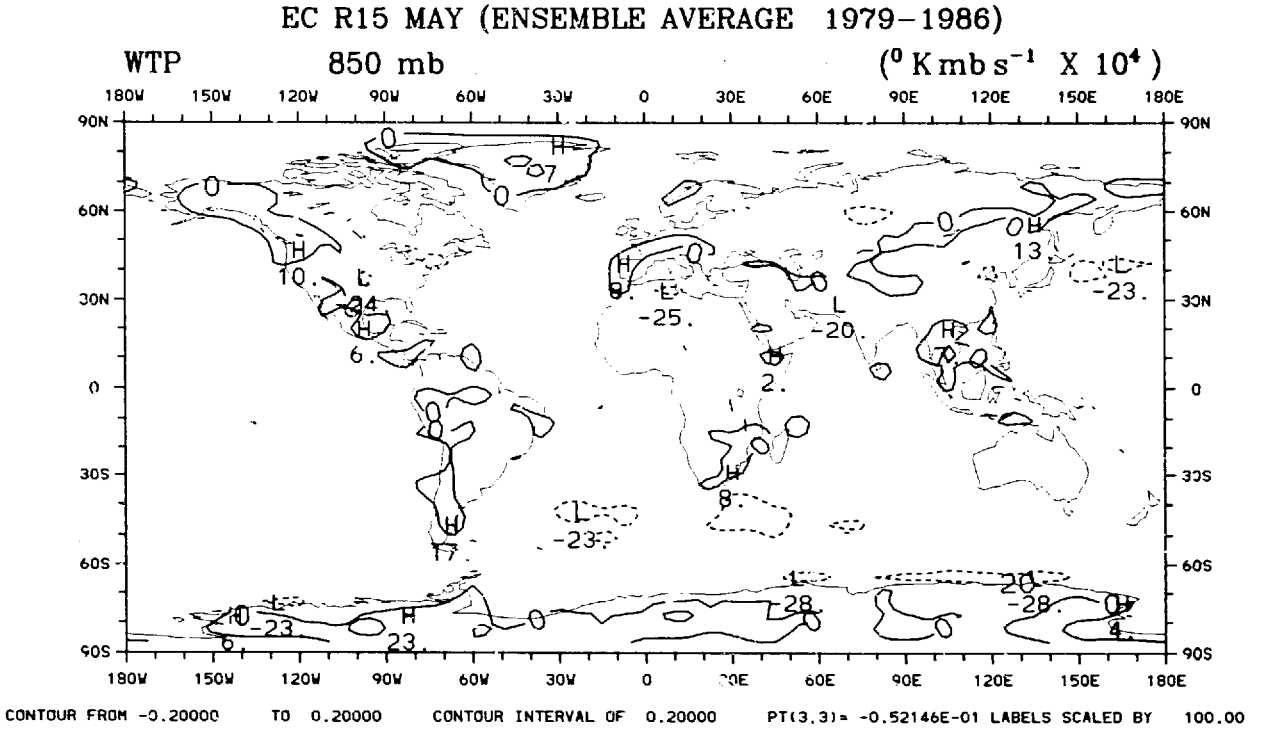

FRAME 1.52


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VTP 200 mb
($^0$ K m s$^{-1}$)
130W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
-10.8
14.4
-4.01
-0.78
-2.46
18.7
-2.26
1.60
2.36
-16.5
-18.2
9.12
6.47
5.42
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 0.11209

FRAME 1.53

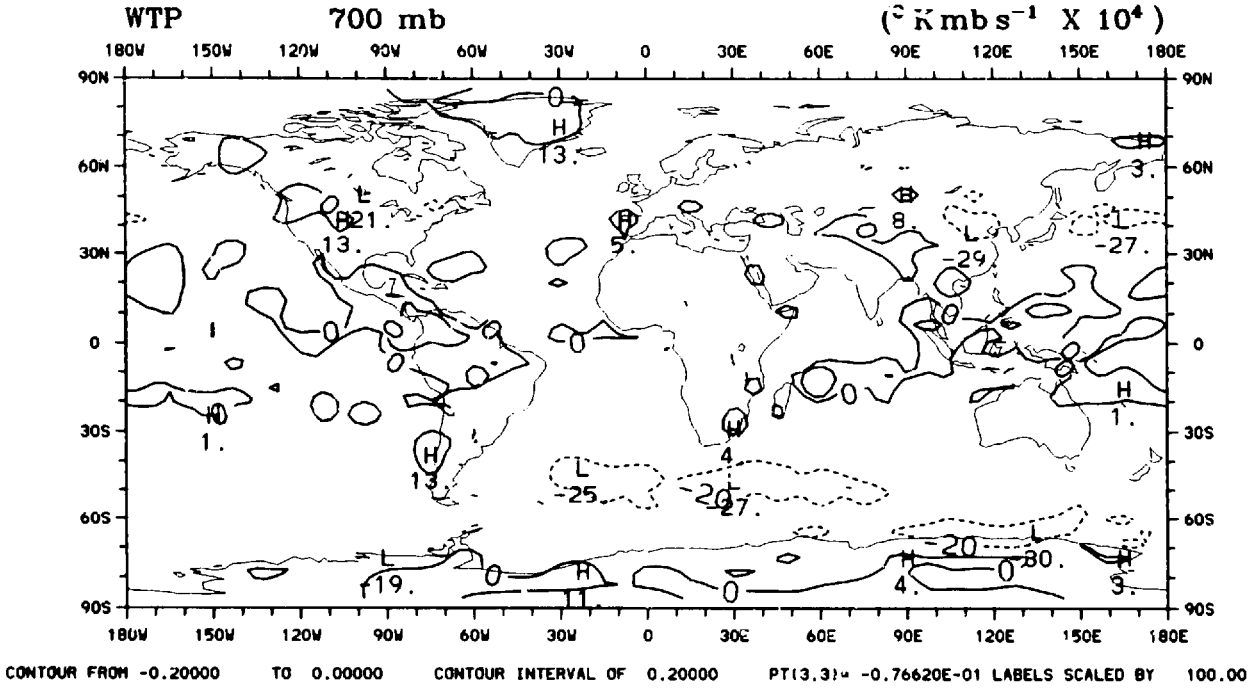

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VTP
100 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 9.99
H 6.45
-1.19
-.295
H 5.50
-5.02
H 7.47
H 2.78
-7.81
H 2.13
H 1.37
-10.7
H -.777
-7.4
H 5.32
CONTOUR FROM -10.000 TO 0.00000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -1.3895

FRAME 1.54

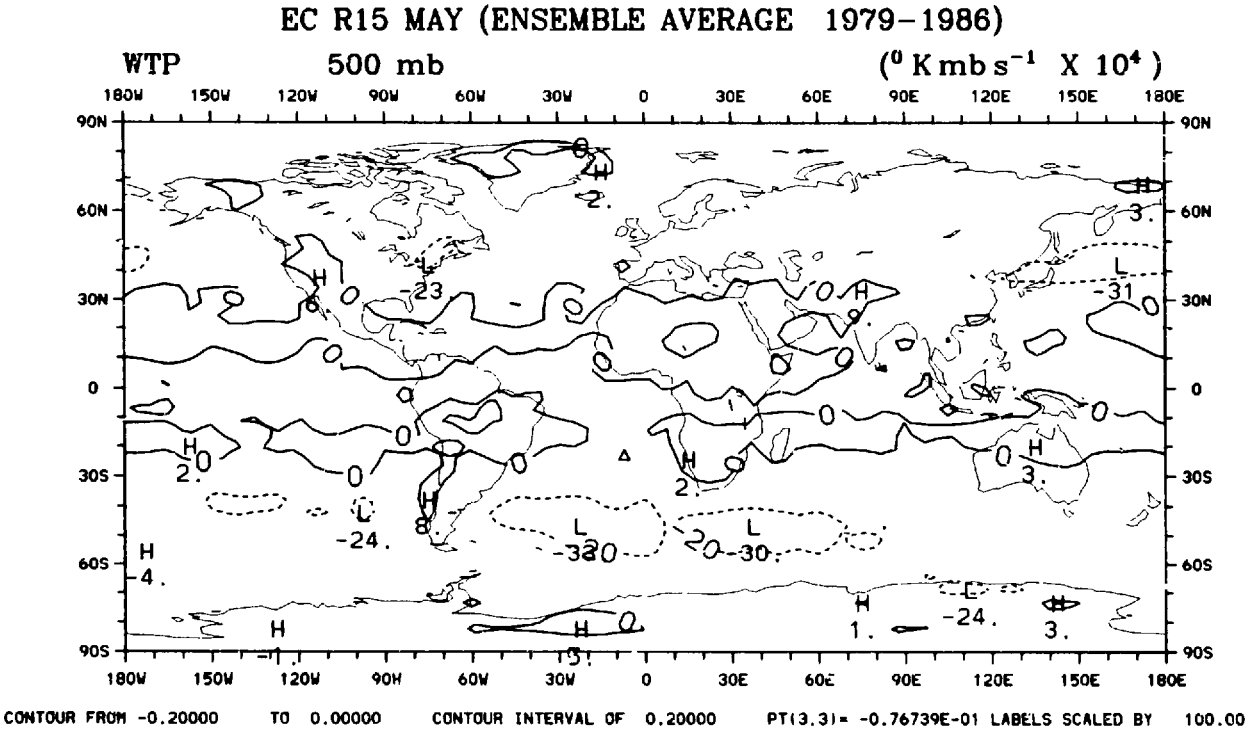

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)
WTP
850 mb
($^0$ K mb s$^{-1}$ X $10^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.52146E-01 LABELS SCALED BY 100.00

FRAME 1.55

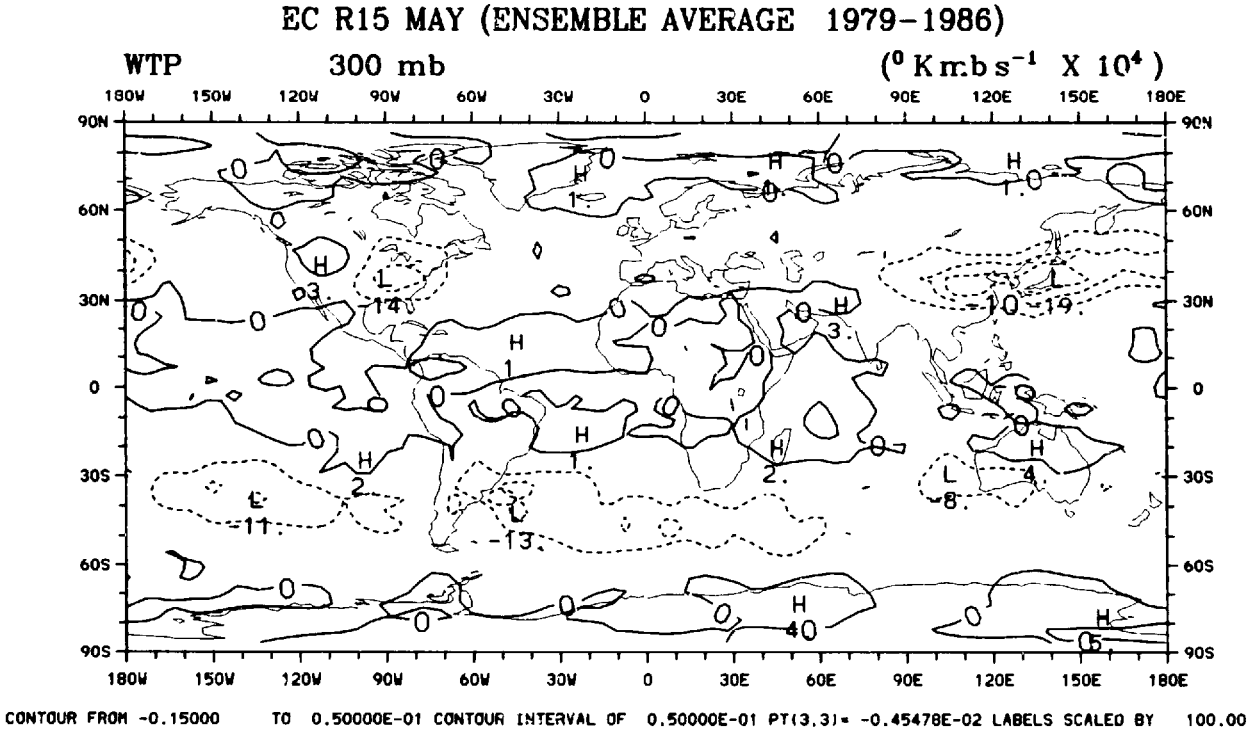
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.5b

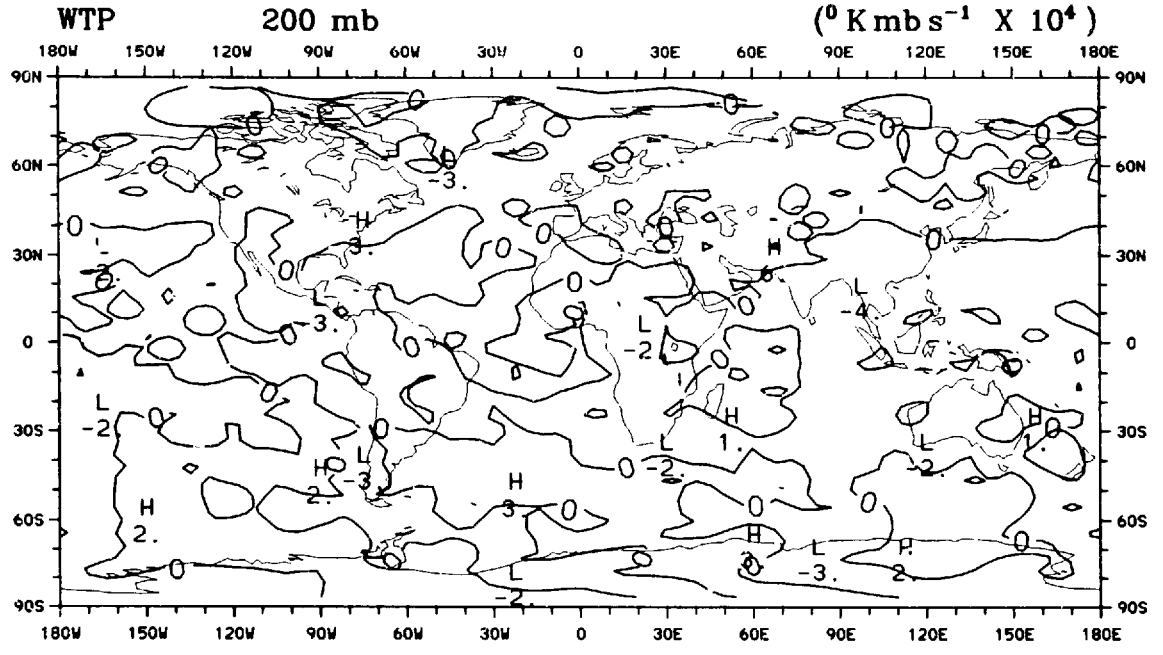

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
WTP
500 mb
($^0$ K mb s$^{-1}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.76739E-01 LABELS SCALED BY 100.00

FRAME 1.57


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
WTP
300 mb
($^0$ K m b s$^{-1}$ X $10^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.15000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.45478E-02 LABELS SCALED BY 100.00

FRAME 1.58

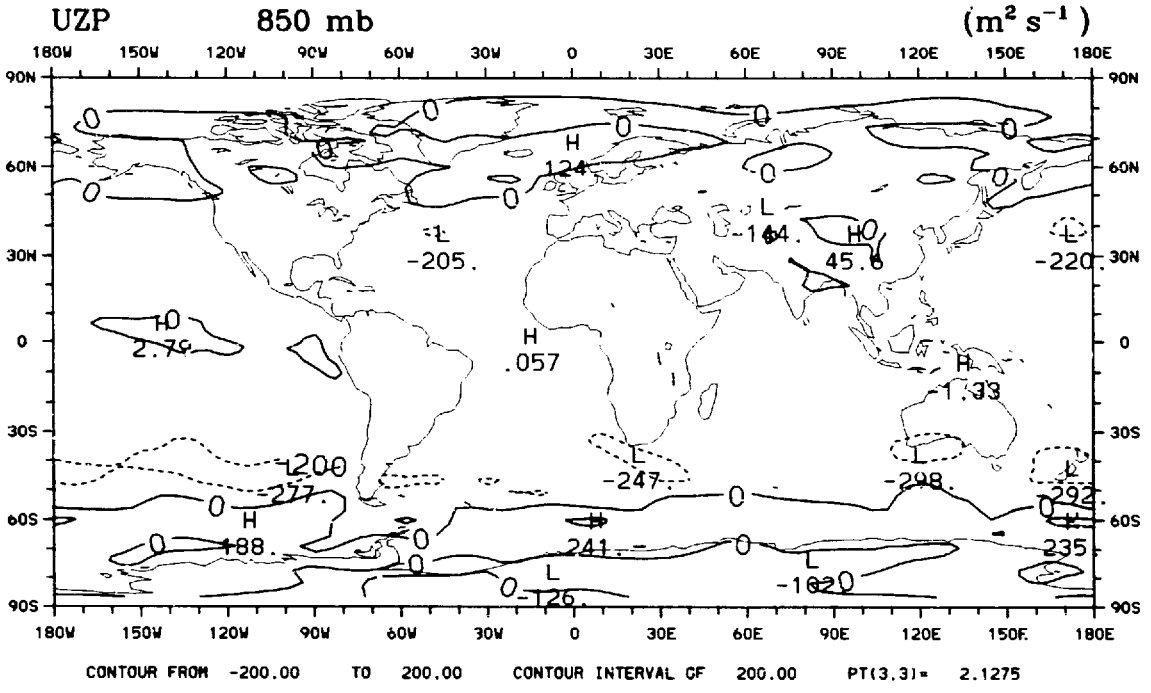
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



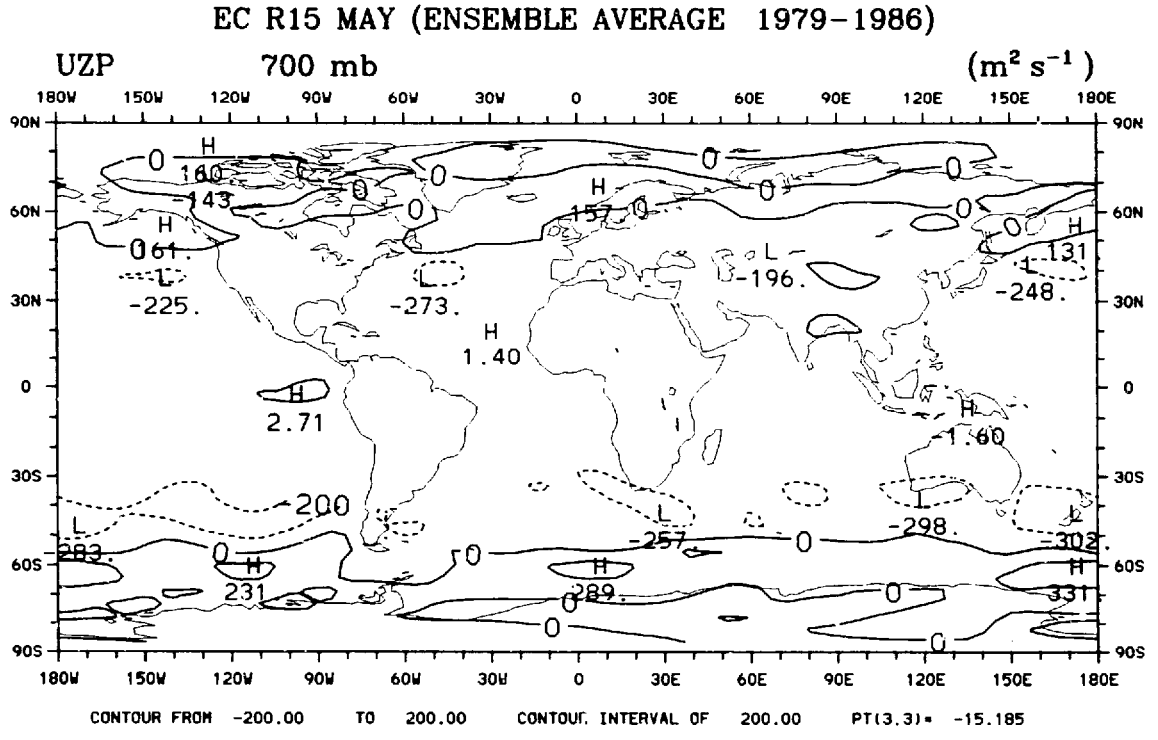

CONTOUR FROM 0.00000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.11024E-01 LABELS SCALED BY 100.00

FRAME 1.59

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

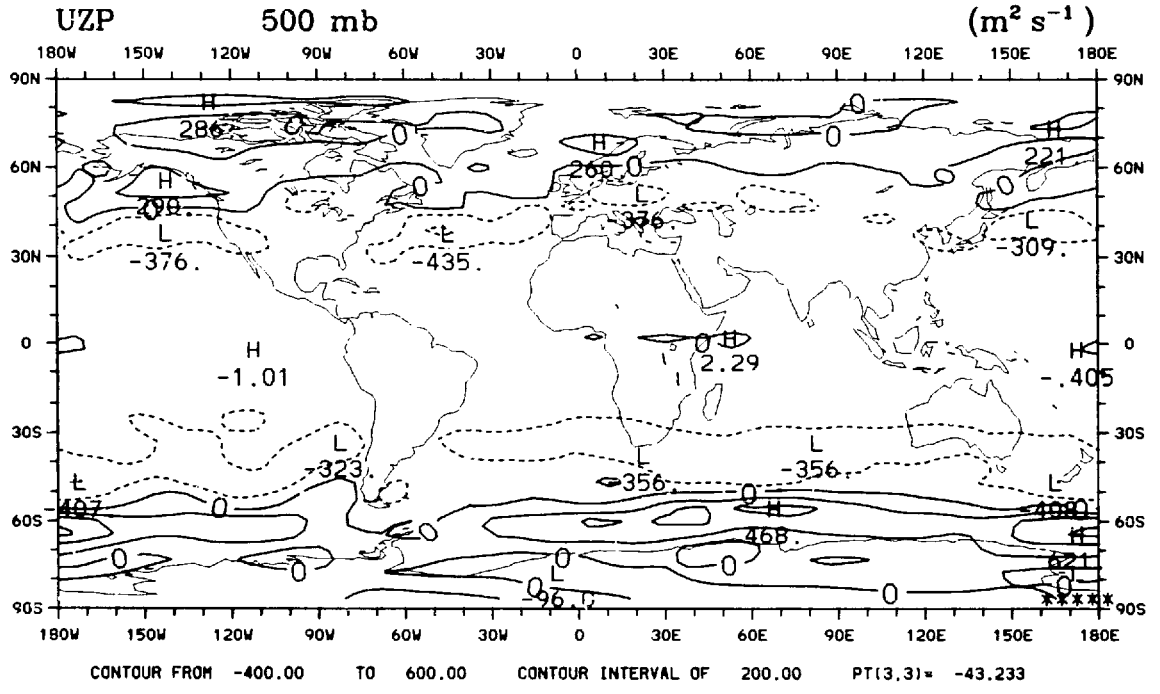



FRAME 1.60

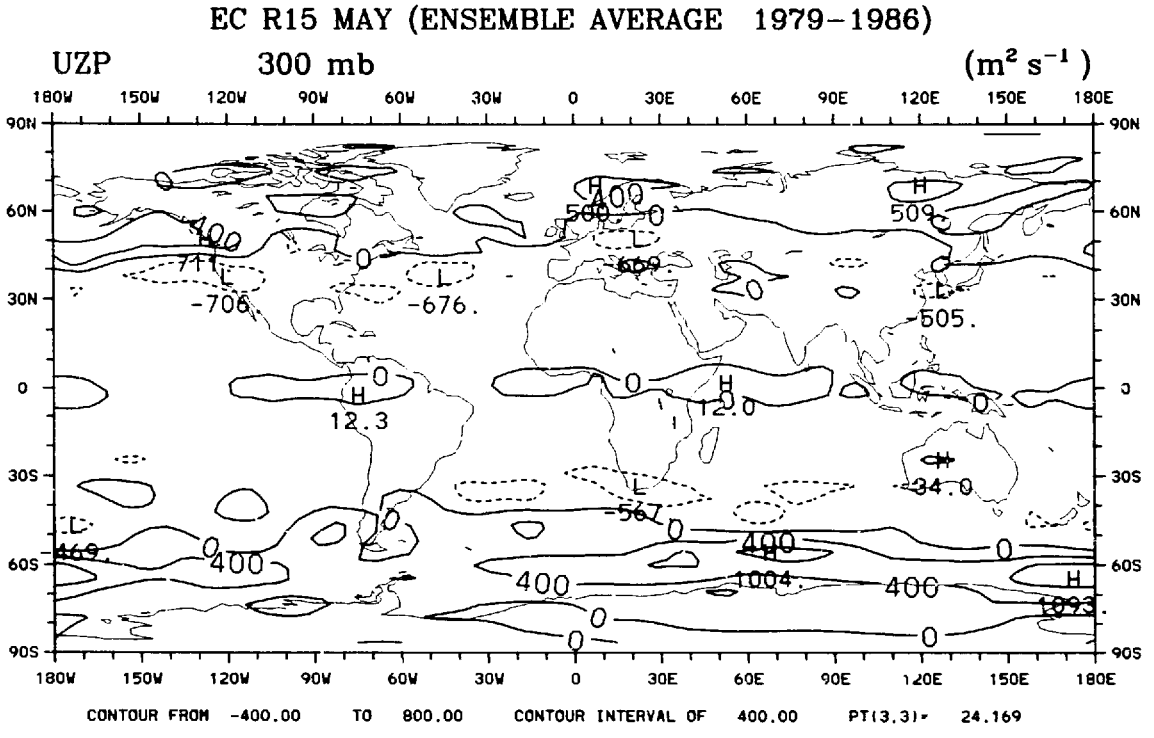

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UZP
700 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 160
143
H 157
H 131
061.
-225.
-273.
-196.
-248.
H 1.40
H 2.71
H 1.60
200
283.
-257
-298.
302.
231
289.
331
CONTOUR FROM -200.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= -15.185

FRAME 1.61

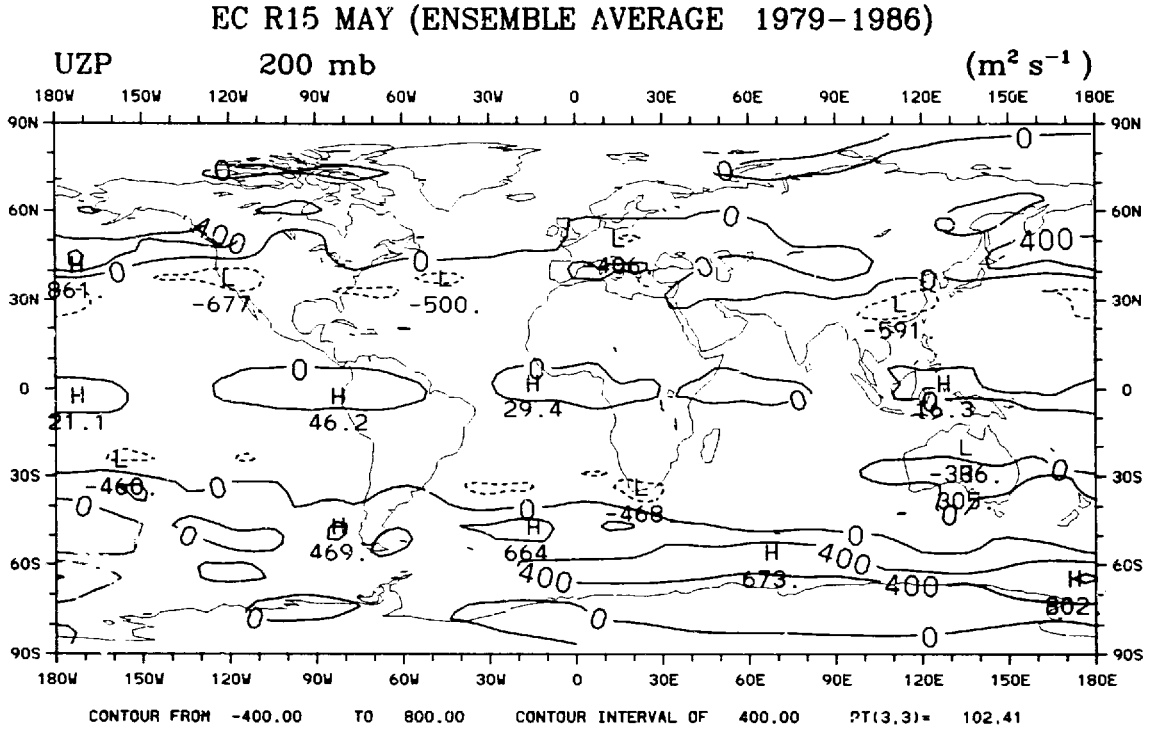
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



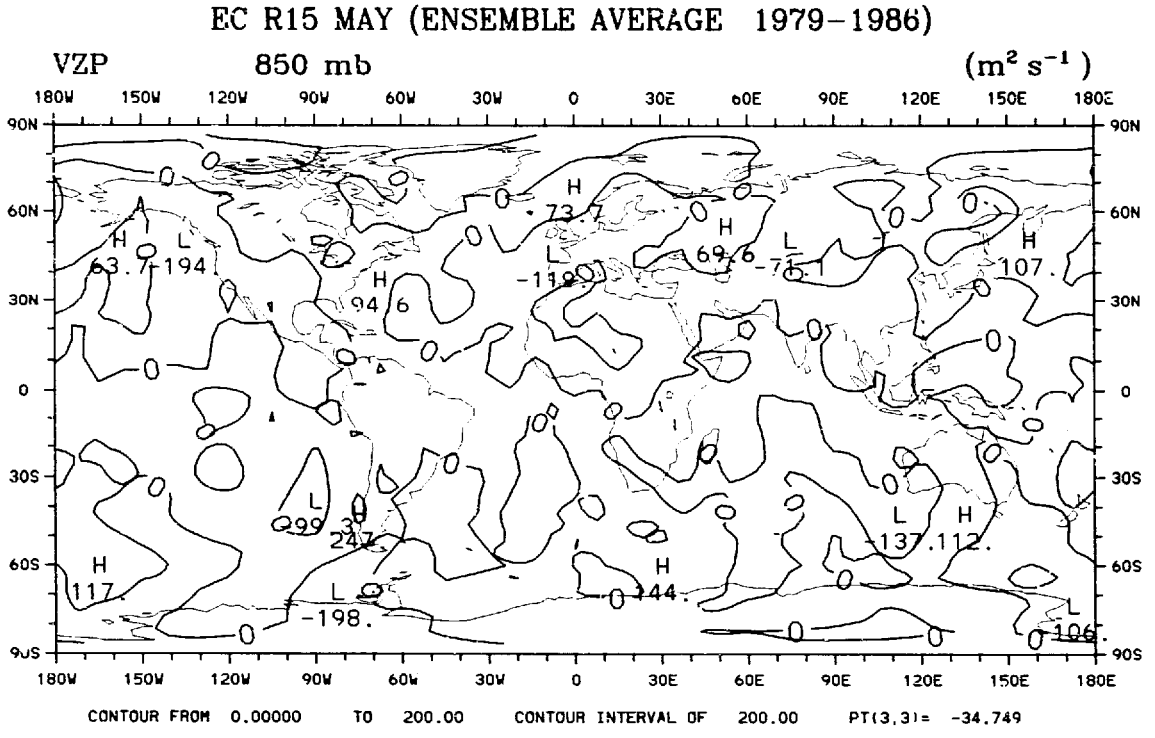

FRAME 1.62


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UZP
300 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-706.
-676.
-505.
12.3
12.0
-34.0
-567
1004.
1093.
CONTOUR FROM -400.00 TO 800.00 CONTOUR INTERVAL OF 400.00 PT(3,3)= 24.169

FRAME 1.63

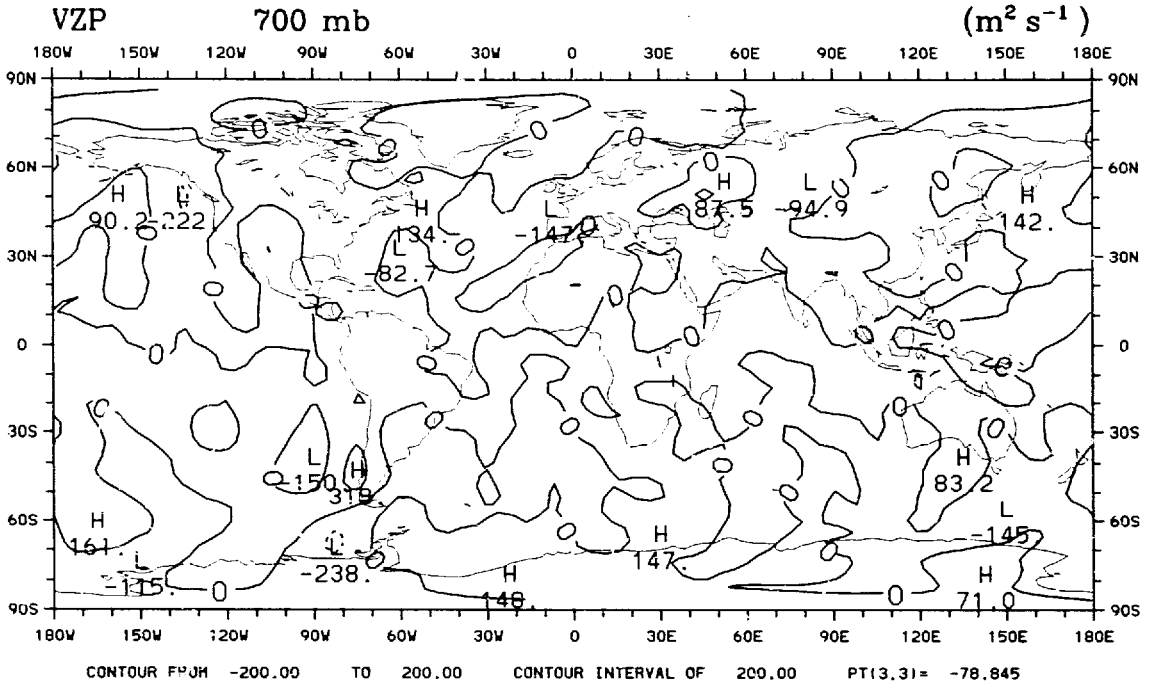

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UZP
200 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-677.
-500.
-591.
-466.
469.
664
673.
-468
-386.
805
802
21.1
46.2
29.4
16.3
CONTOUR FROM -400.00 TO 800.00 CONTOUR INTERVAL OF 400.00 PT(3,3)= 102.41

FRAME 1.64


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VZP
850 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 73.7
H 69.6
L -75.1
H 107.
H 63.7
L -194.
H 94.6
L -119.
L 99.3
247.
H 117.
L -198.
H 144.
L -137.
H 112.
L -106.
CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= -34.749

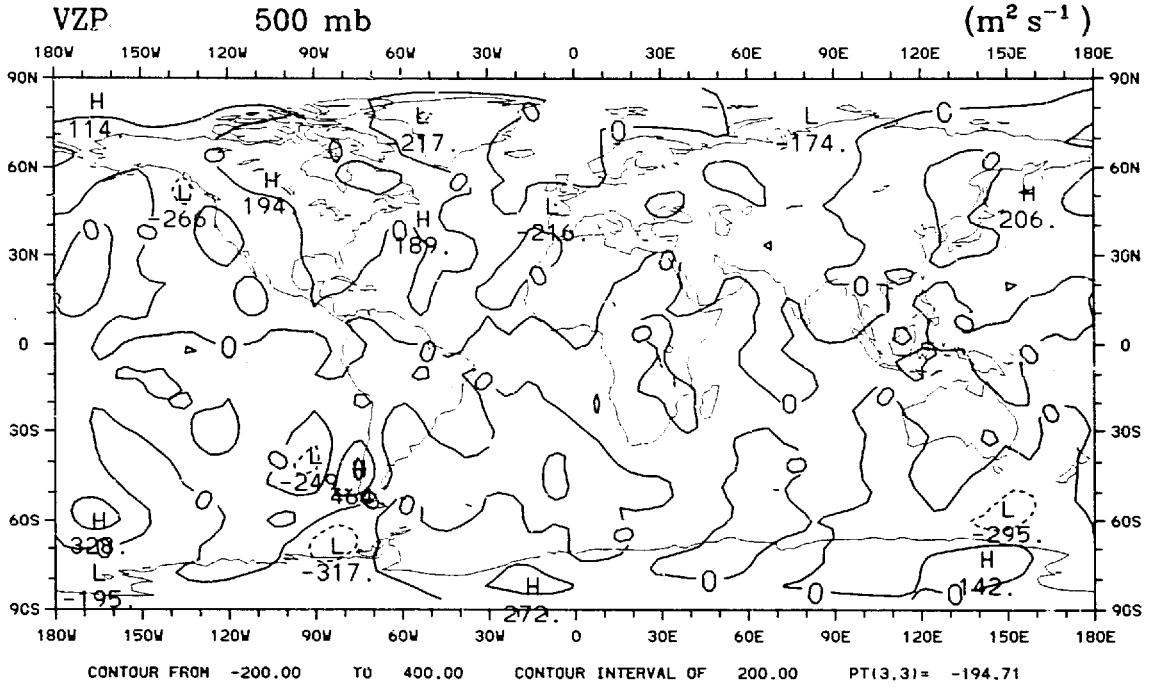
FRAME 1.65

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



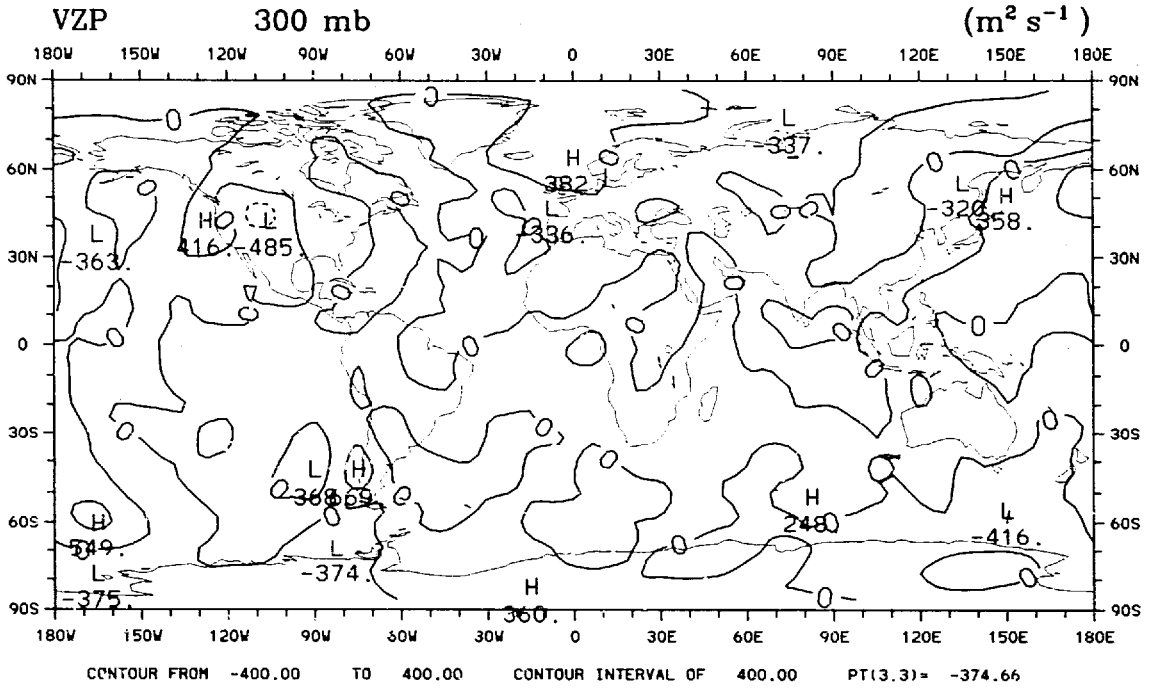

FRAME 1.66

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



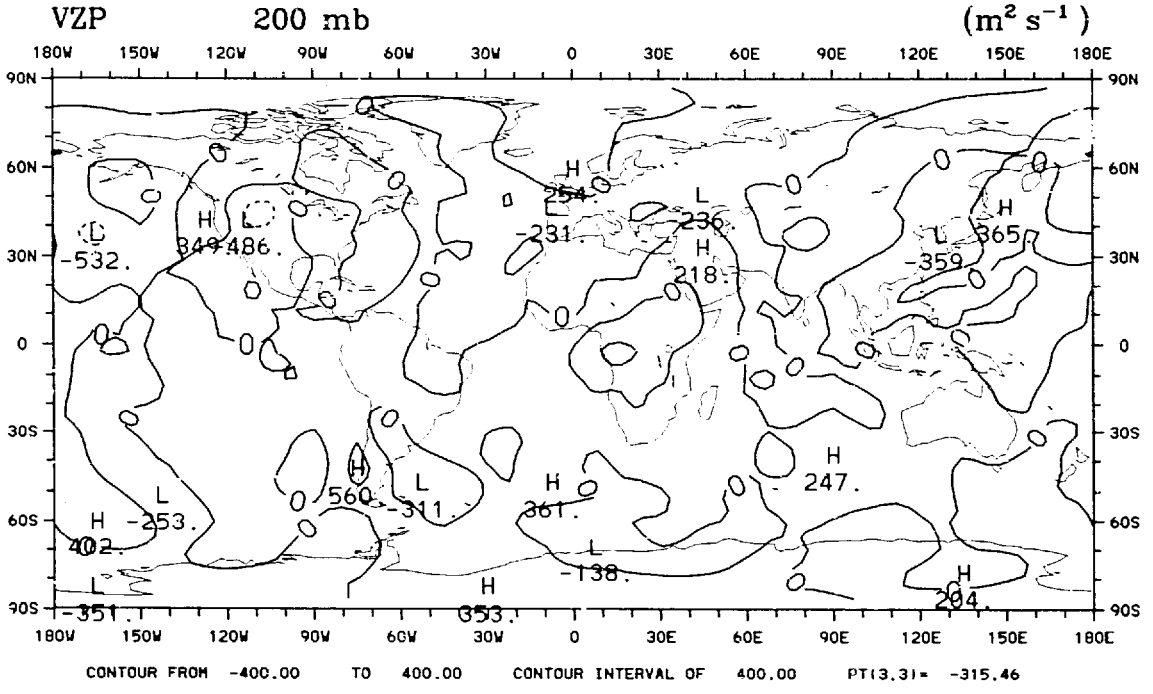

FRAME 1.67

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



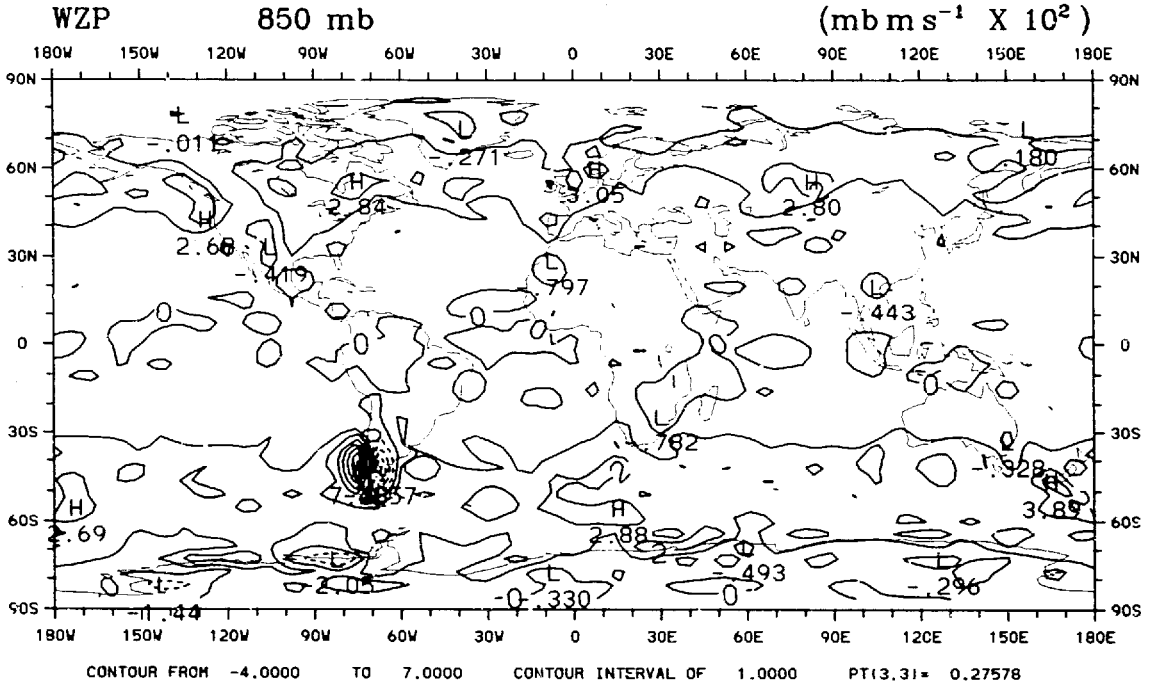

FRAME 1.68

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

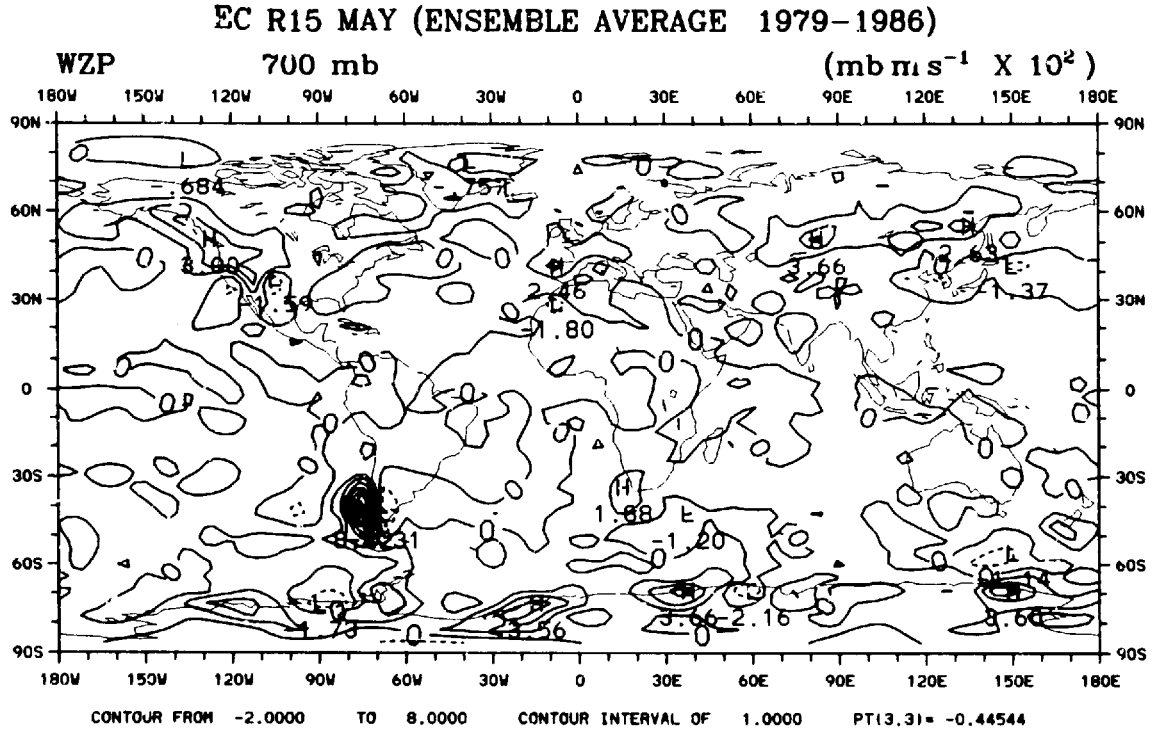



FRAME 1.69

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

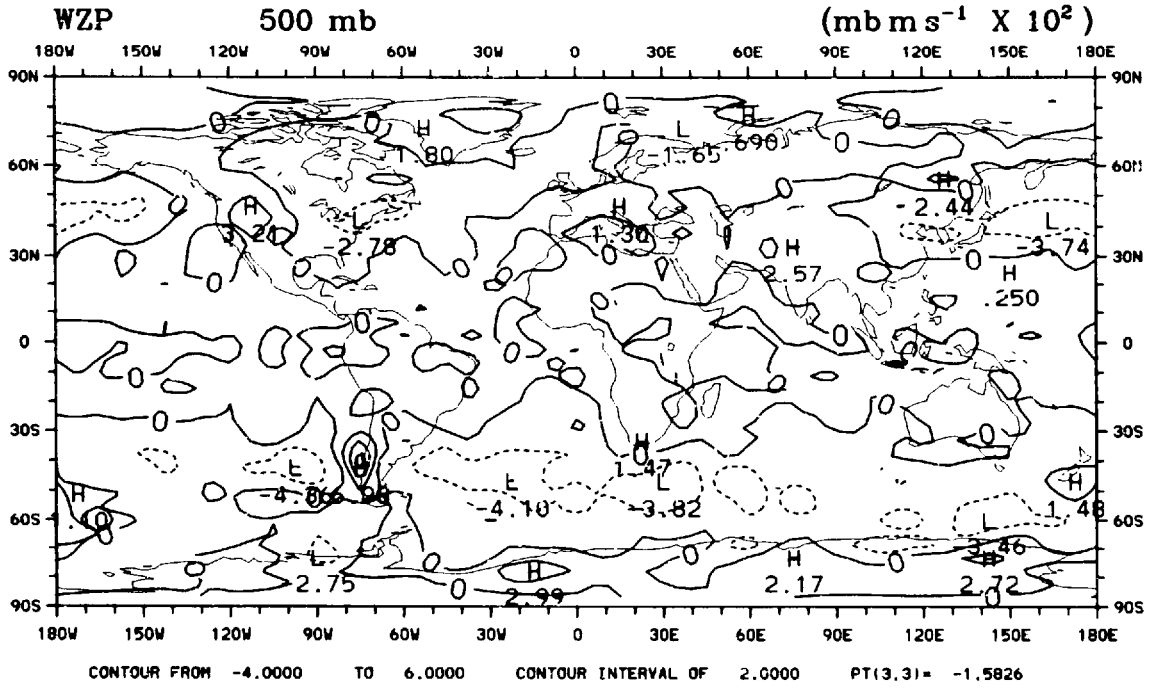



FRAME 1.70

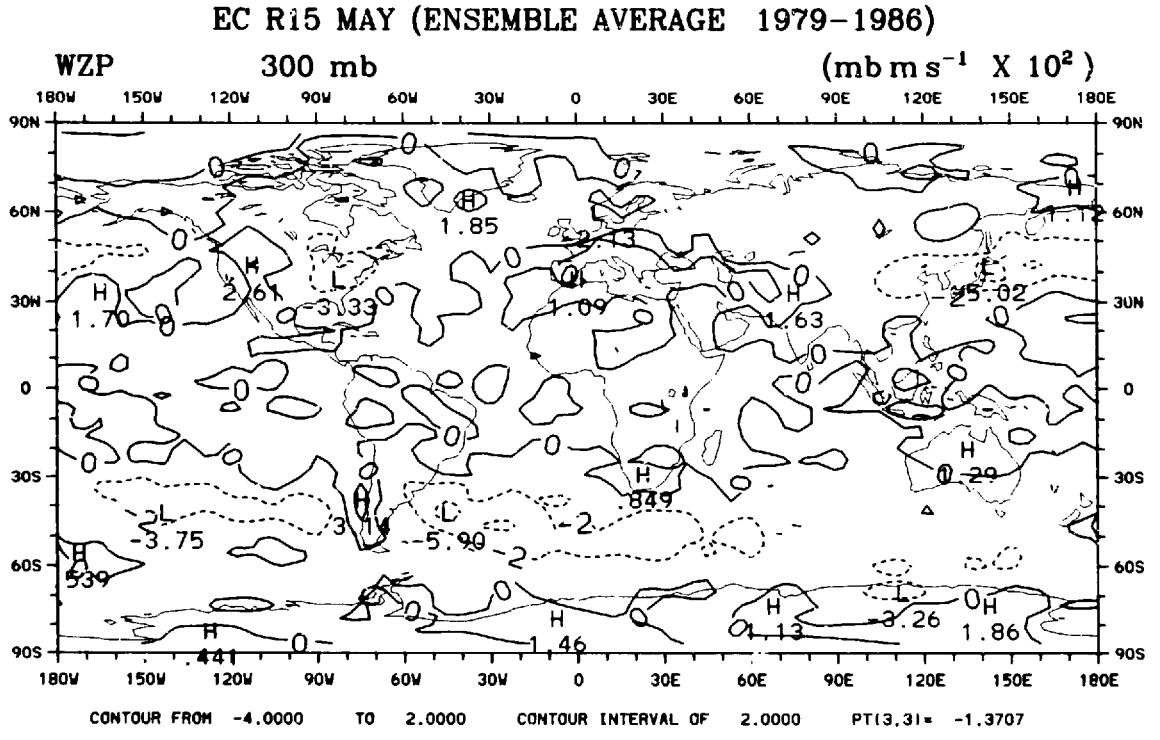

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
WZP
700 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -2.0000 TO 8.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= -0.44544

FRAME 1.71

# EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

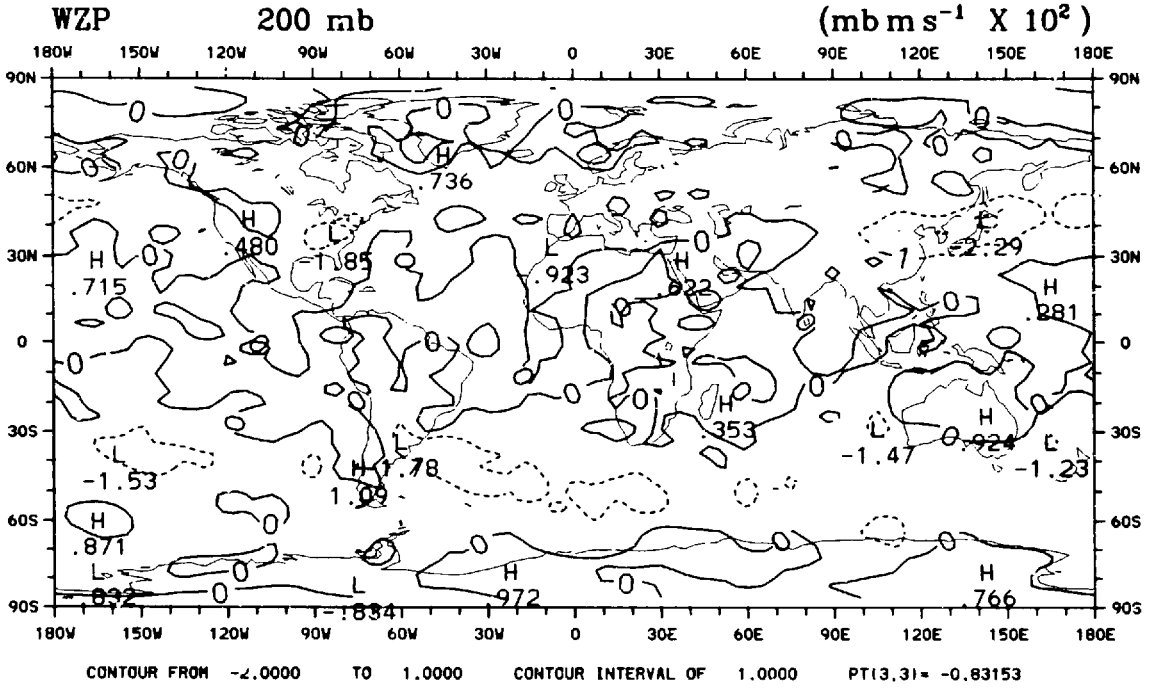



FRAME 1.72


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
WZP
300 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -4.0000 TO 2.0000 CONTOUR INTERVAL OF 2.0000 PT(3,31= -1.3707

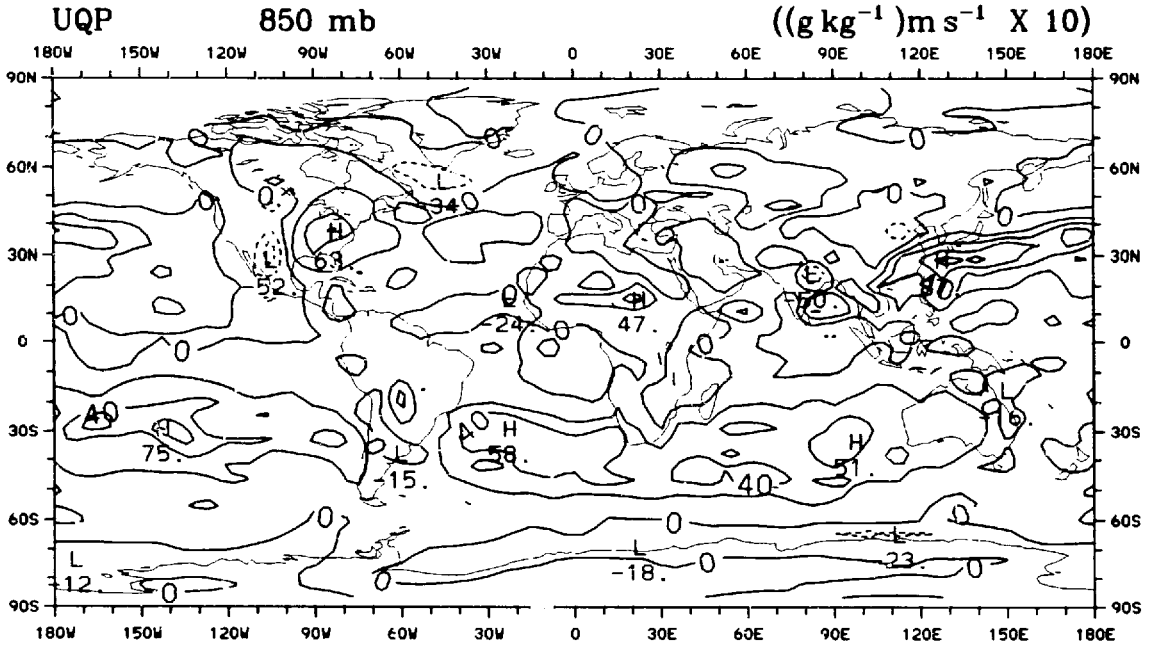
FRAME 1.73

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.74

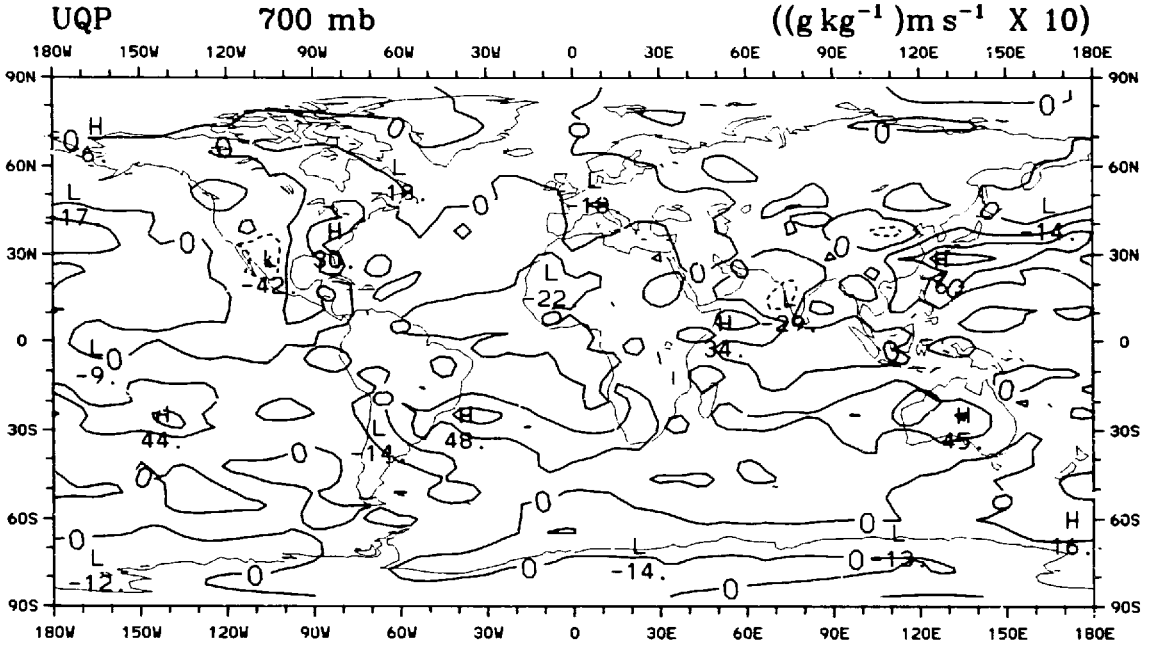
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.95788E-03 LABELS SCALED BY 10000.

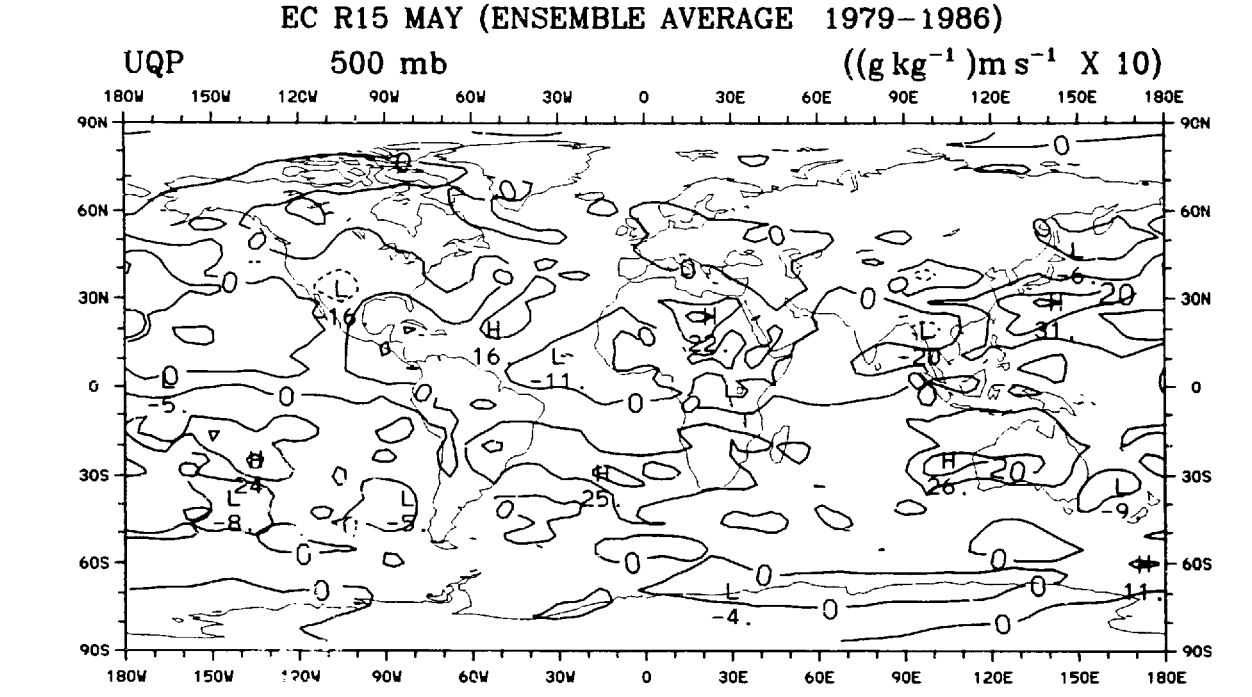
FRAME 1.75

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



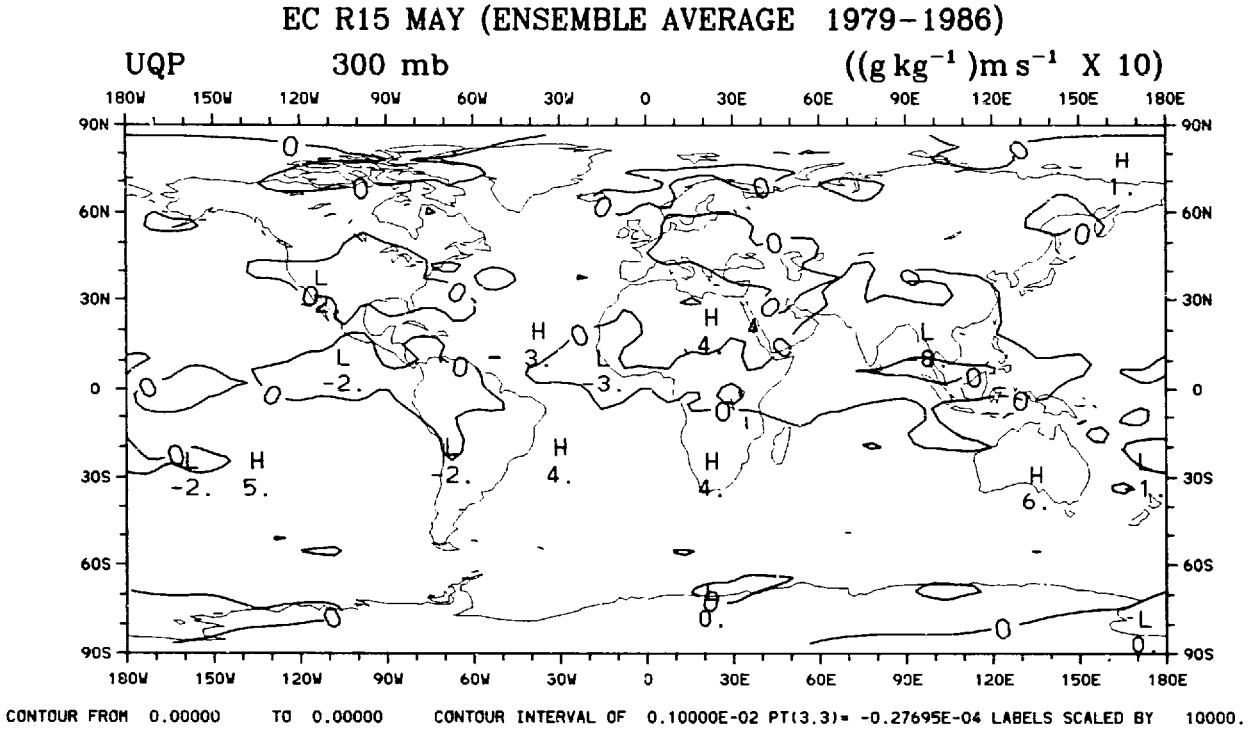

CONTOUR FROM -0.40000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.87569E-03 LABELS SCALED BY 10000.

FRAME 1.76

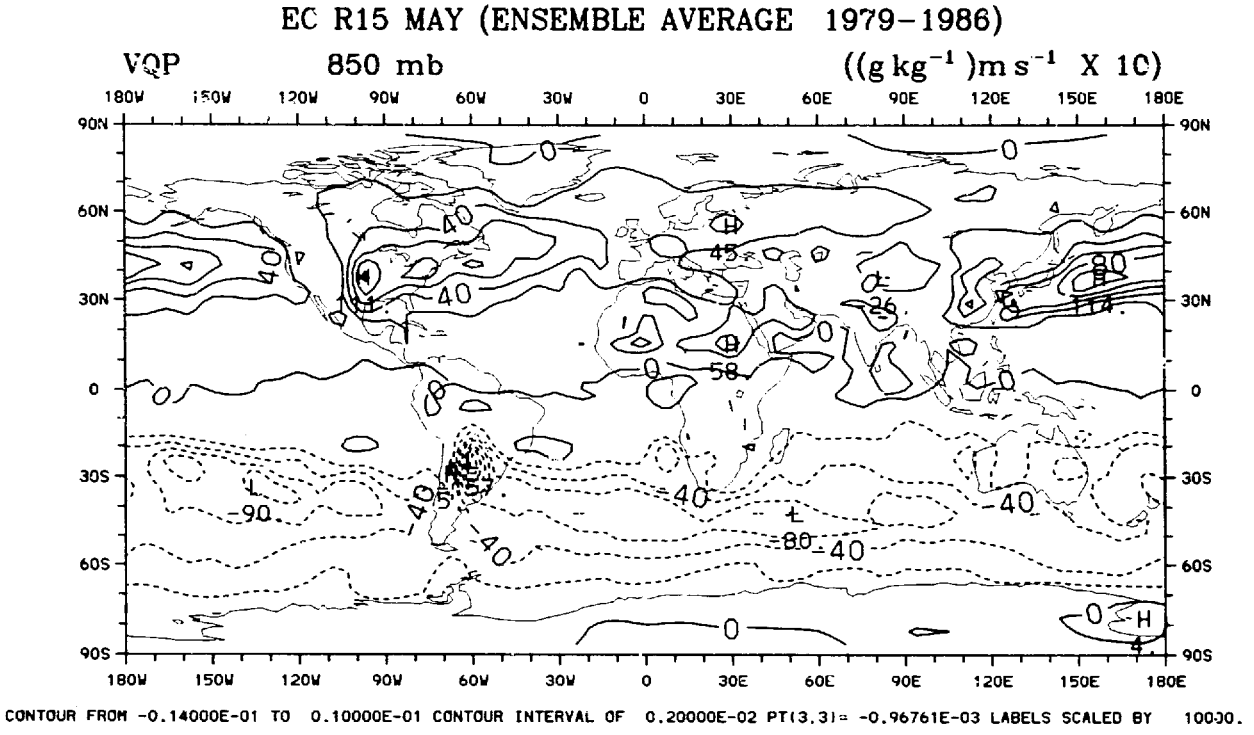



CONTOUR FROM -0 20C30E 32 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.36581E-03 LABELS SCALED BY 10000.

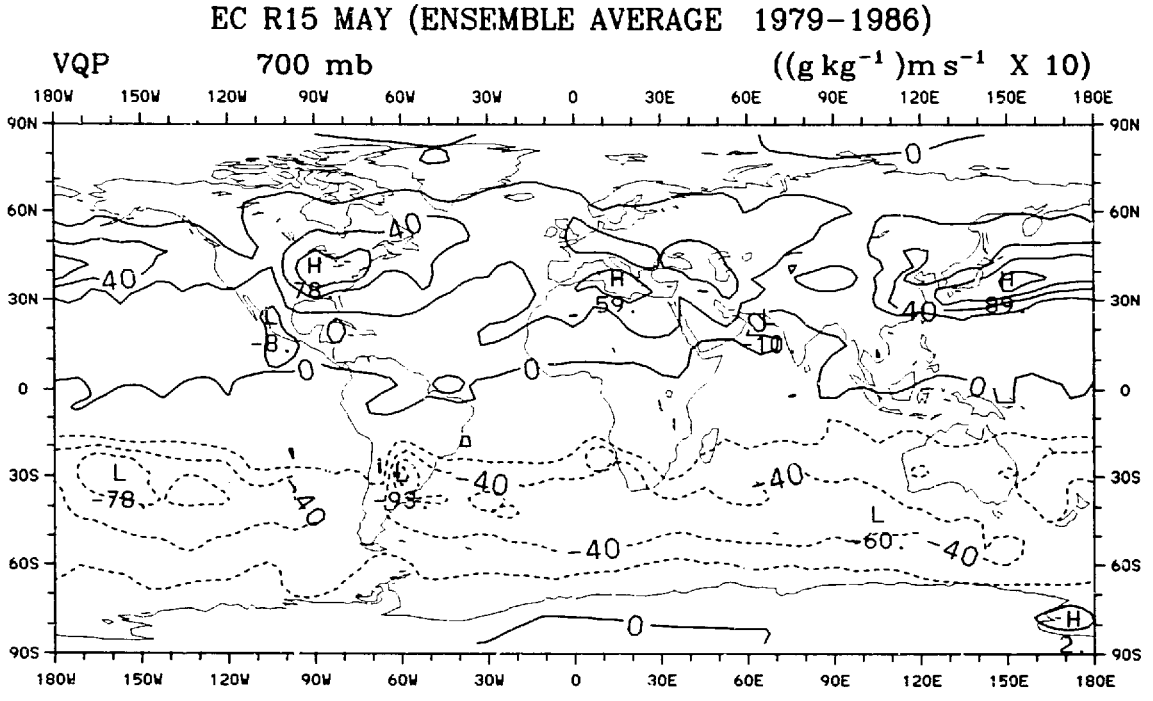
FRAME 1.77


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UQP 300 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.27695E-04 LABELS SCALED BY 10000.

FRAME 1.78


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VQP 850 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.14000E-01 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.96761E-03 LABELS SCALED BY 10000.

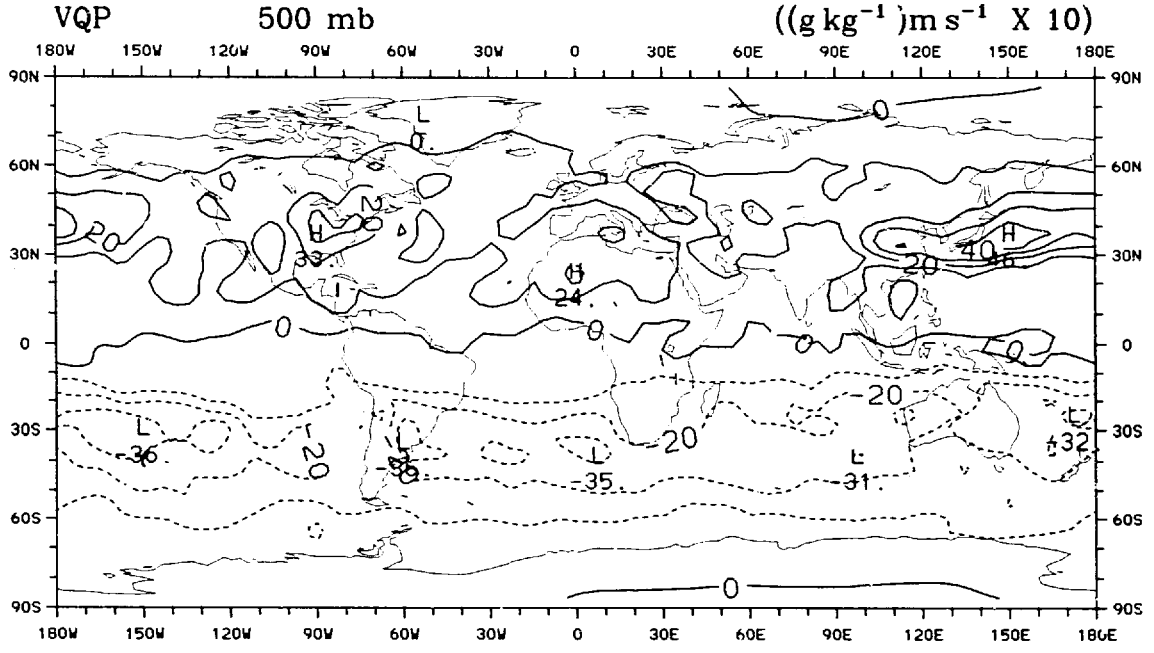
FRAME 1.79




CONTOUR FROM -0.80000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.61094E-03 LABELS SCALED BY 10000.

FRAME 1.80

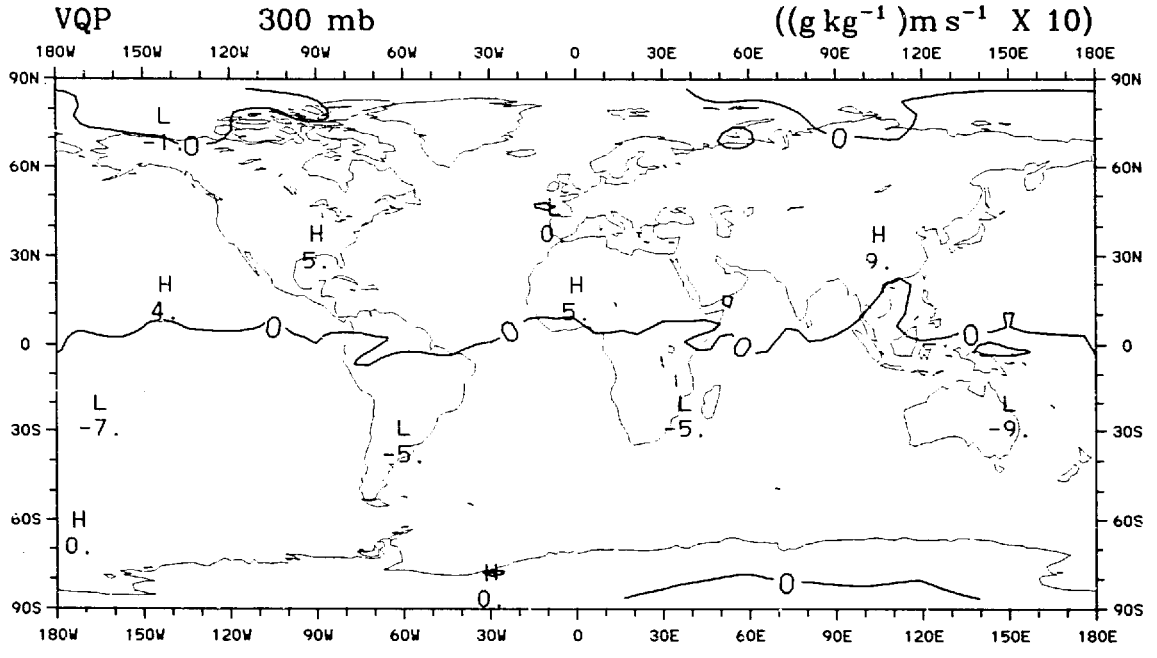
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.32822E-03 LABELS SCALED BY 10000.

FRAME 1.81

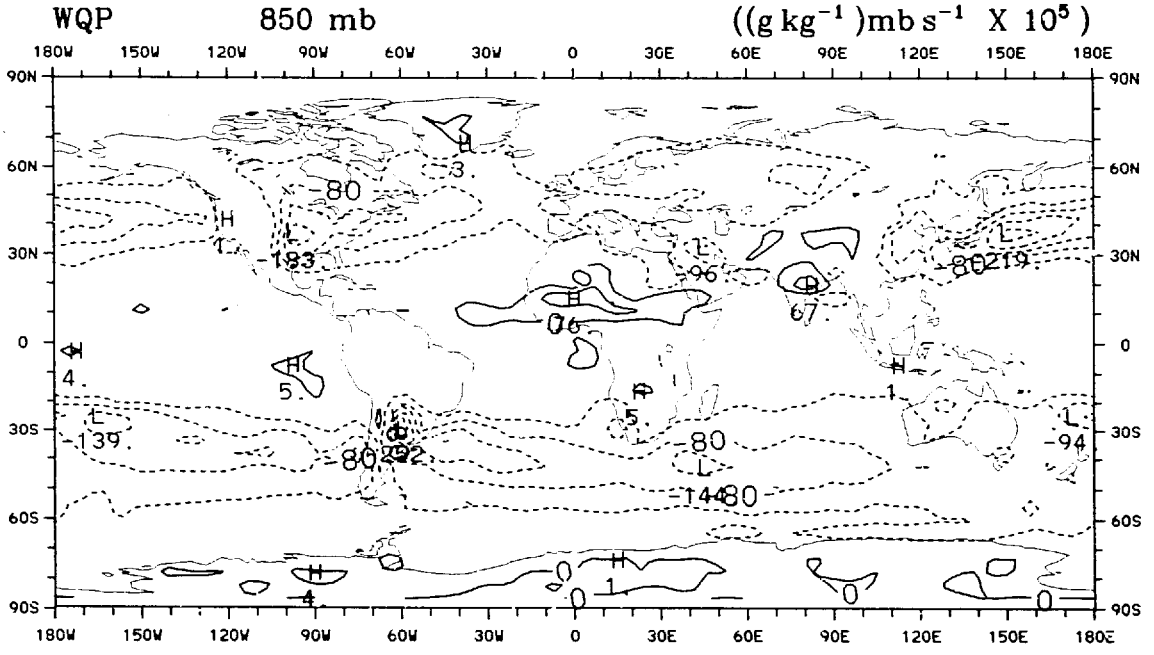
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.23471E-04 LABELS SCALED BY 10000.

FRAME 1.82

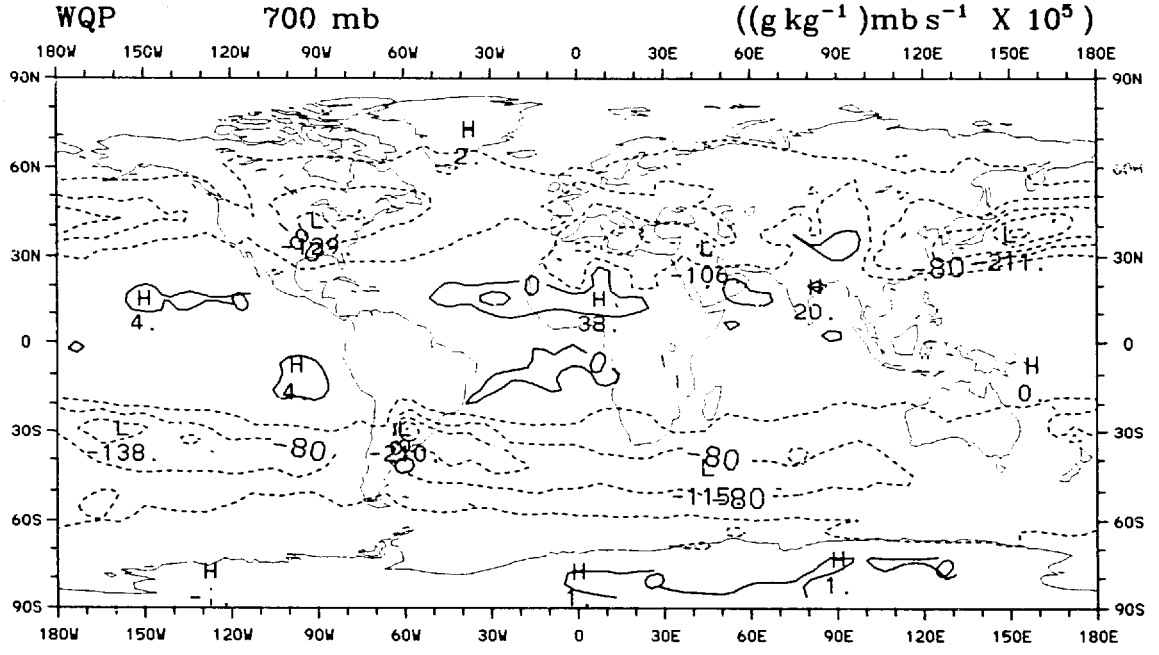
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.24000E-03 TO 0.40000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.61388E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

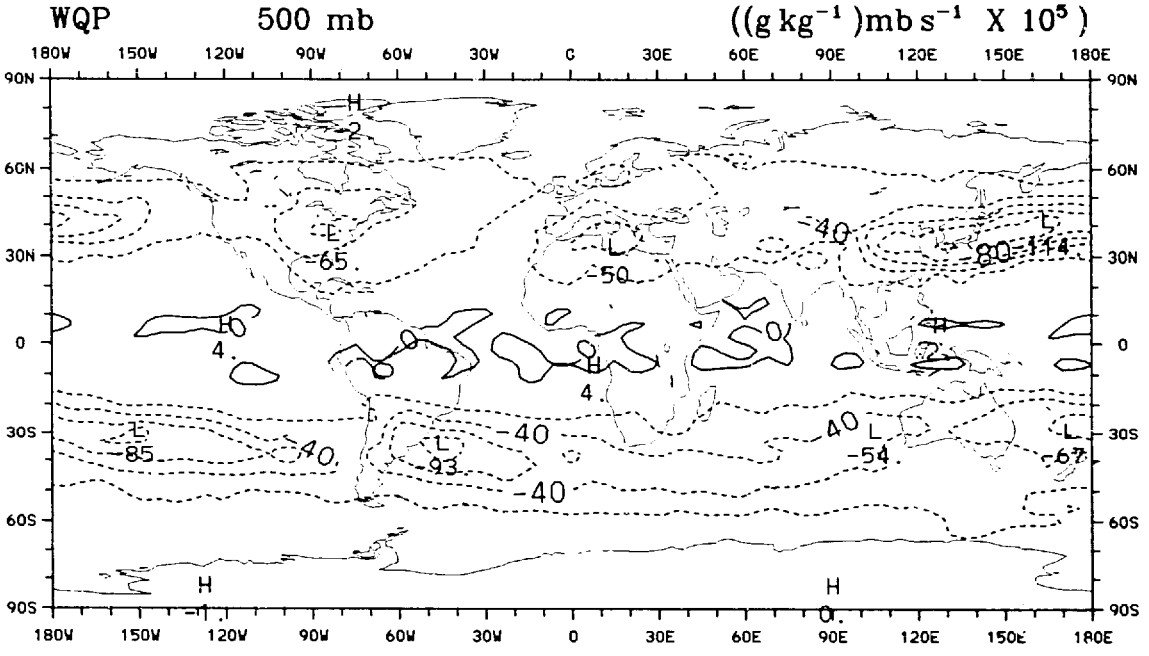
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.92416E-05 LABELS SCALED BY 0.10000E+07

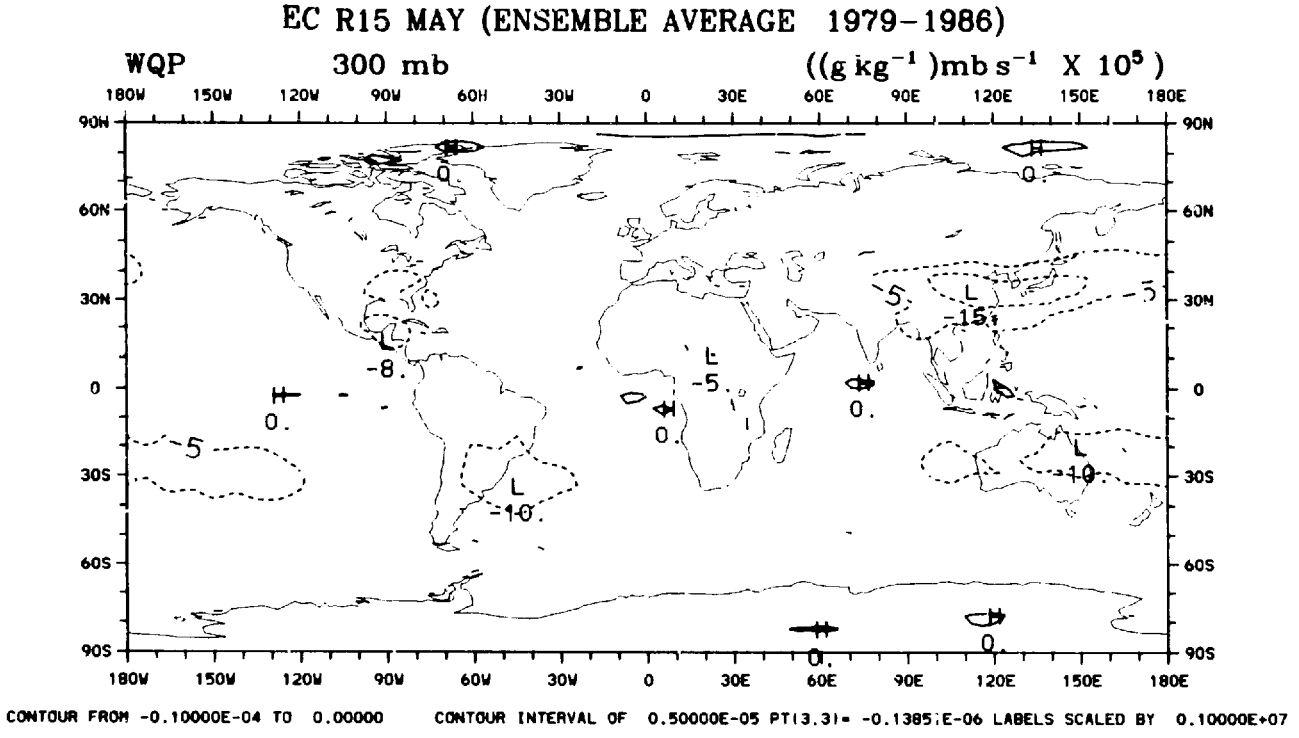
FRAME 1.84

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



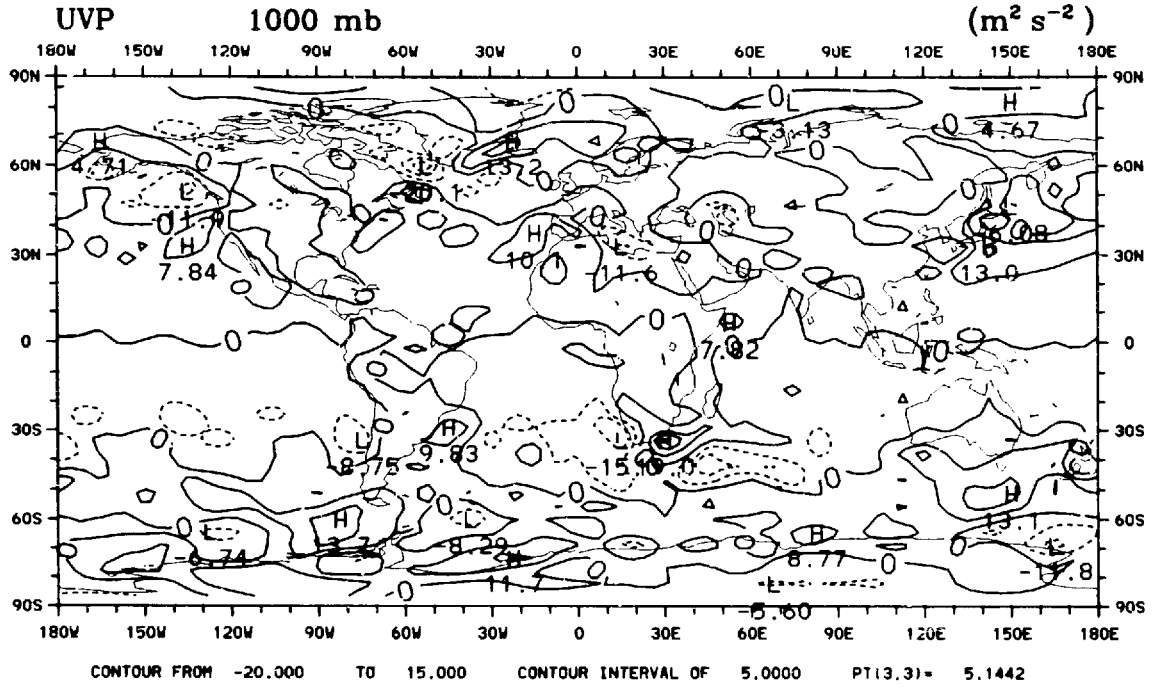

CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.45703E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
WQP
300 mb
((g kg$^{-1}$)mb s$^{-1}$ X 10$^{5}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-8.
-5
-10.
-5.
-5.
-15.
-5
-10.
0.
CONTOUR FROM -0.10000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.1385;E-06 LABELS SCALED BY 0.10000E+07

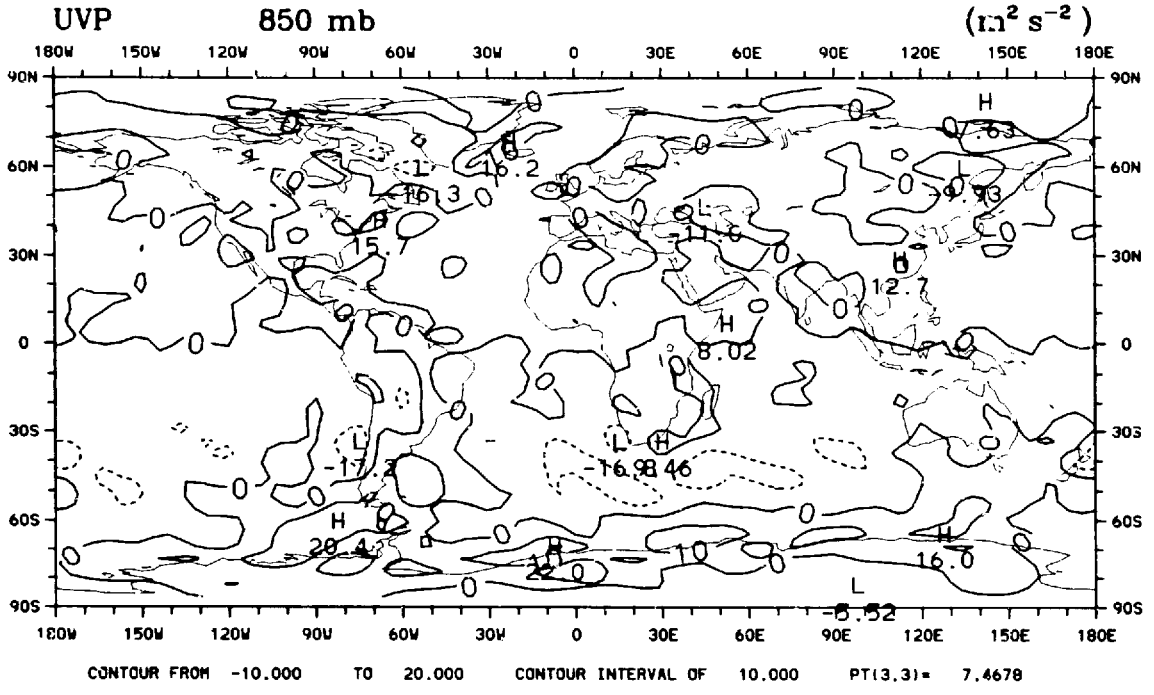
FRAME 1,86

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



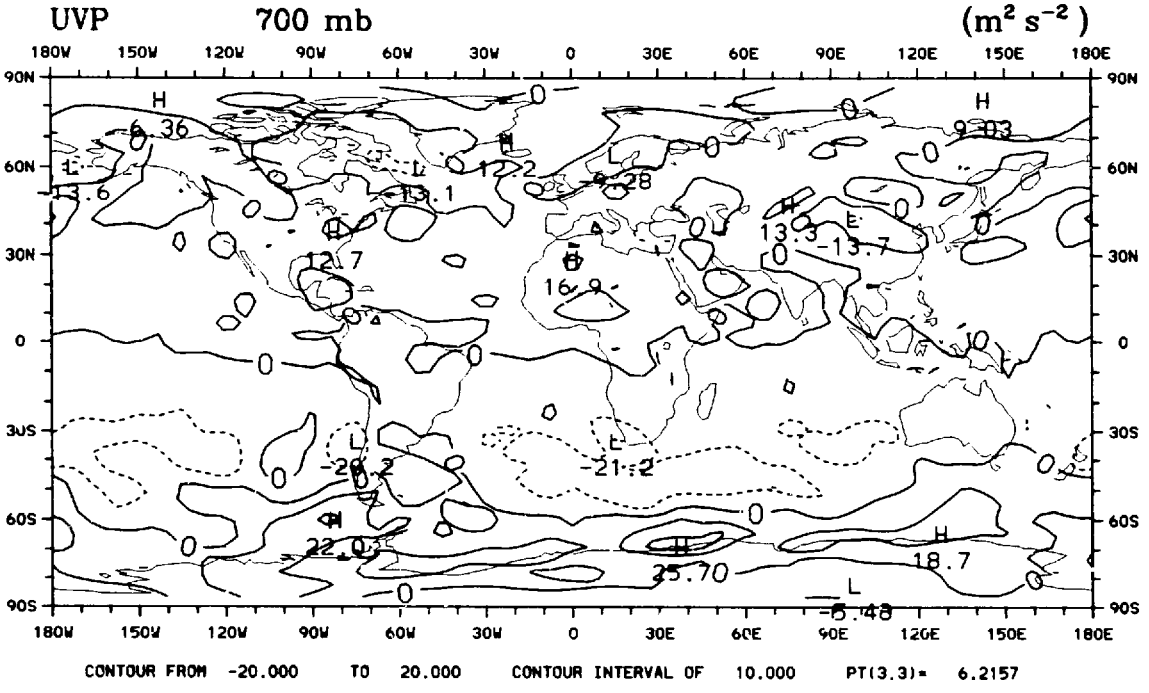

FRAME 1.87

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



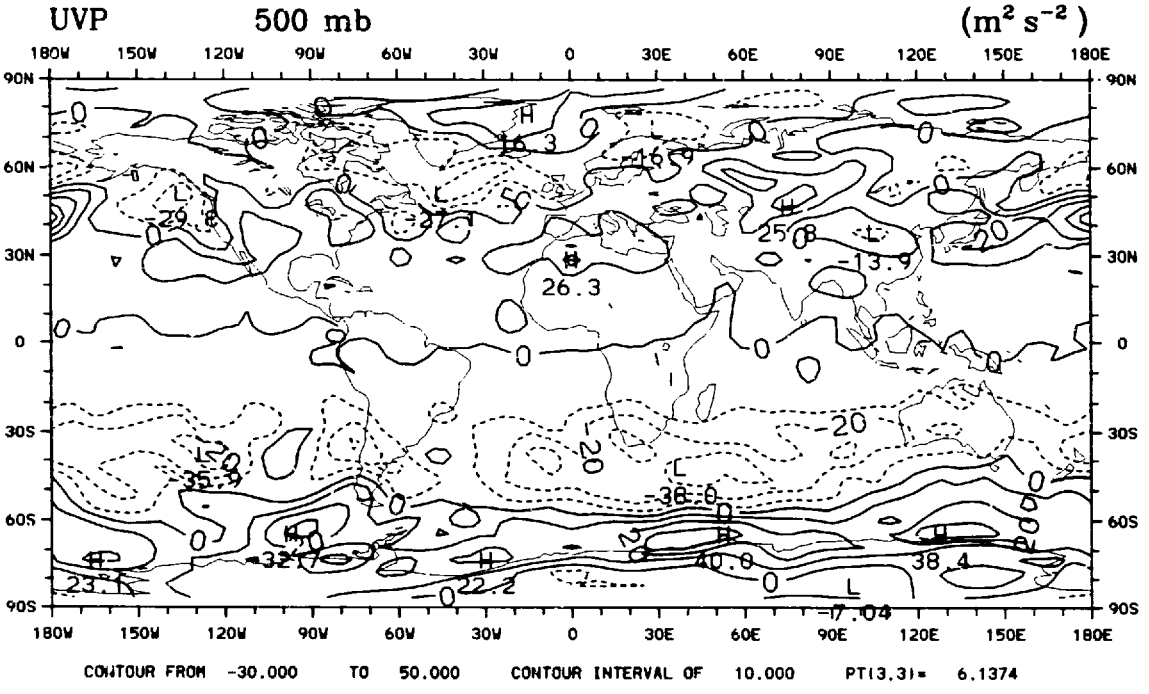

FRAME 1.88

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



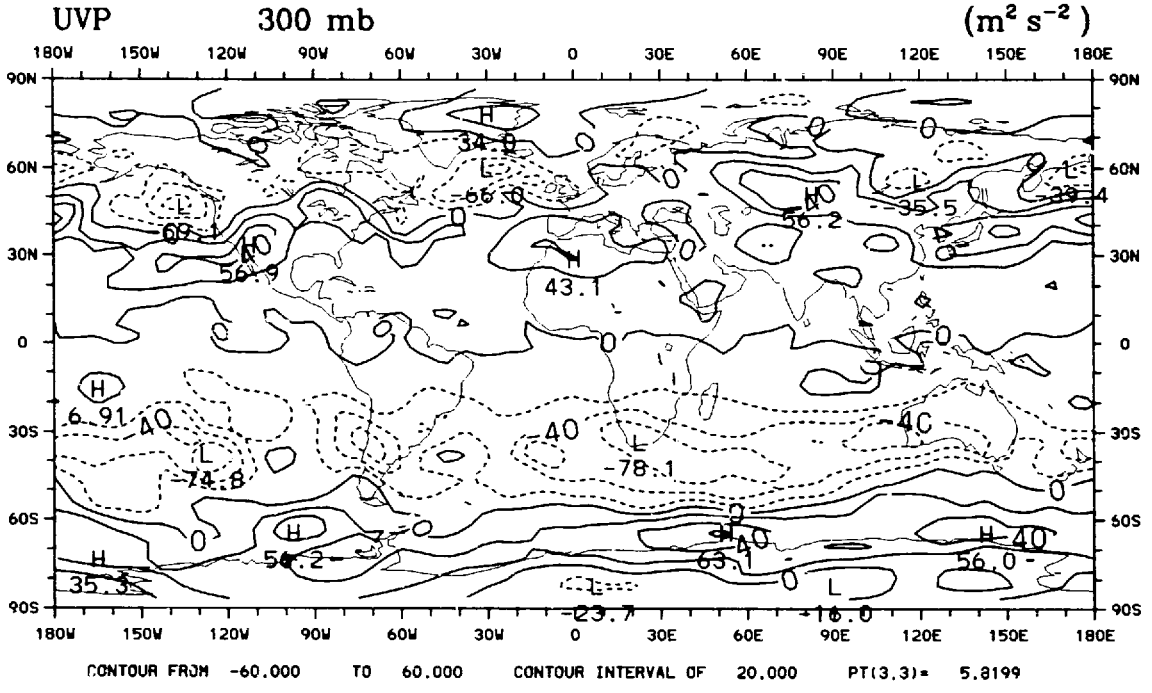

FRAME 1.89

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

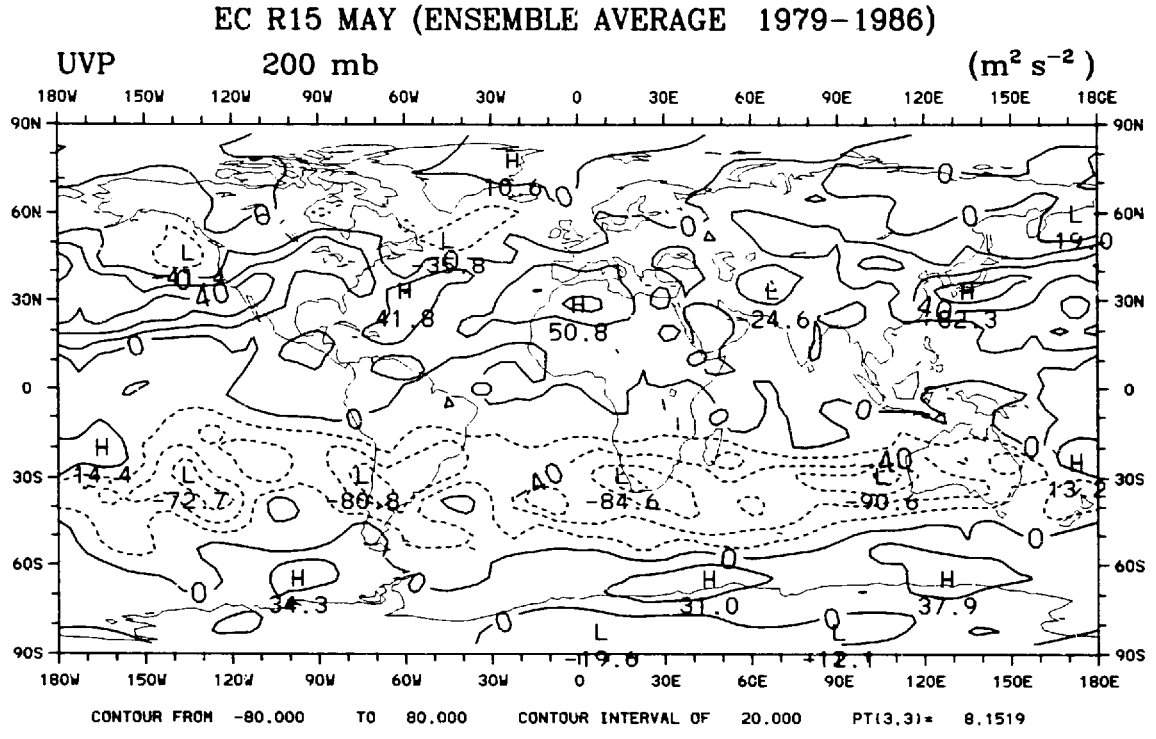



FRAME 1.90

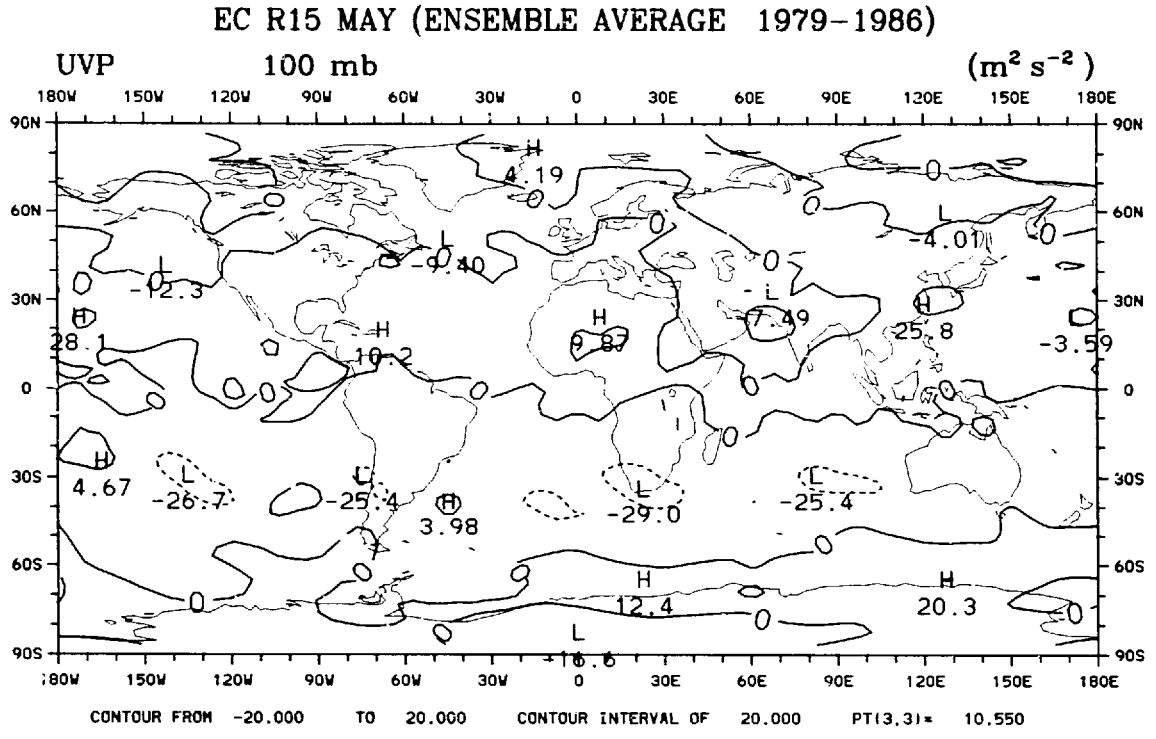
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



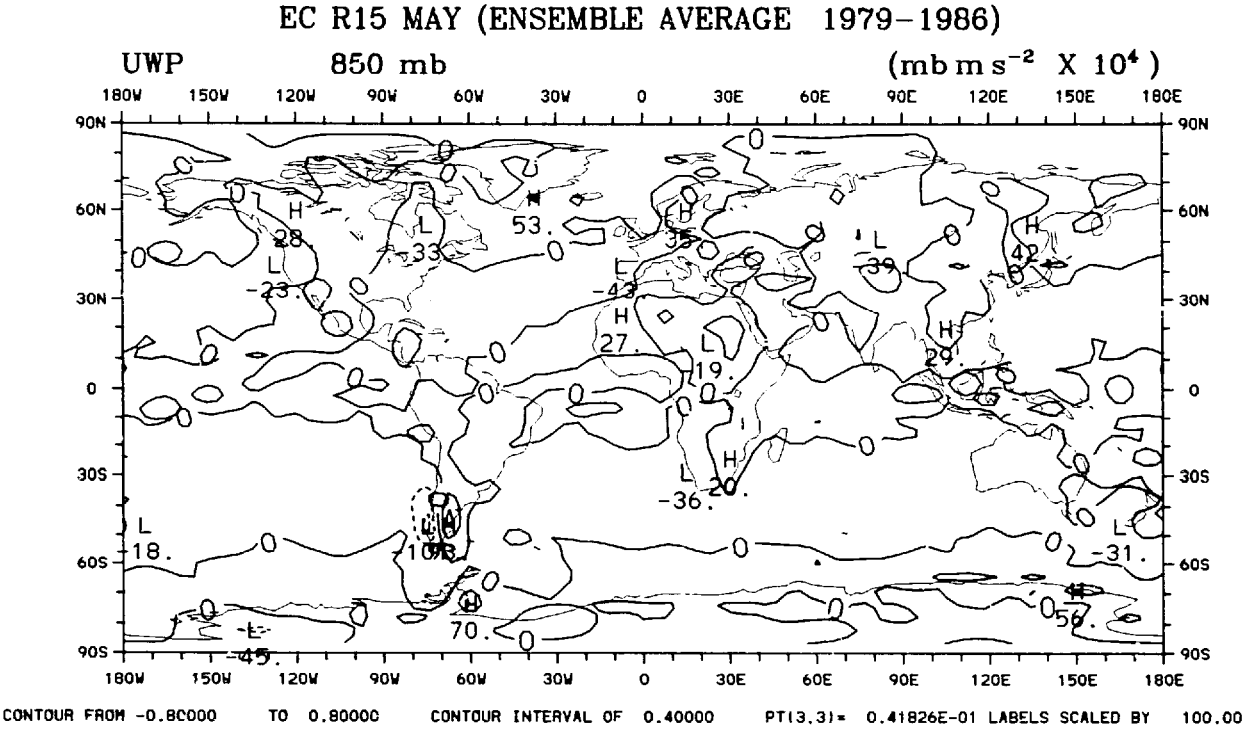

FRAME 1.91


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UVP
200 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -80.000 TO 80.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= 8.1519

FRAME 1.92

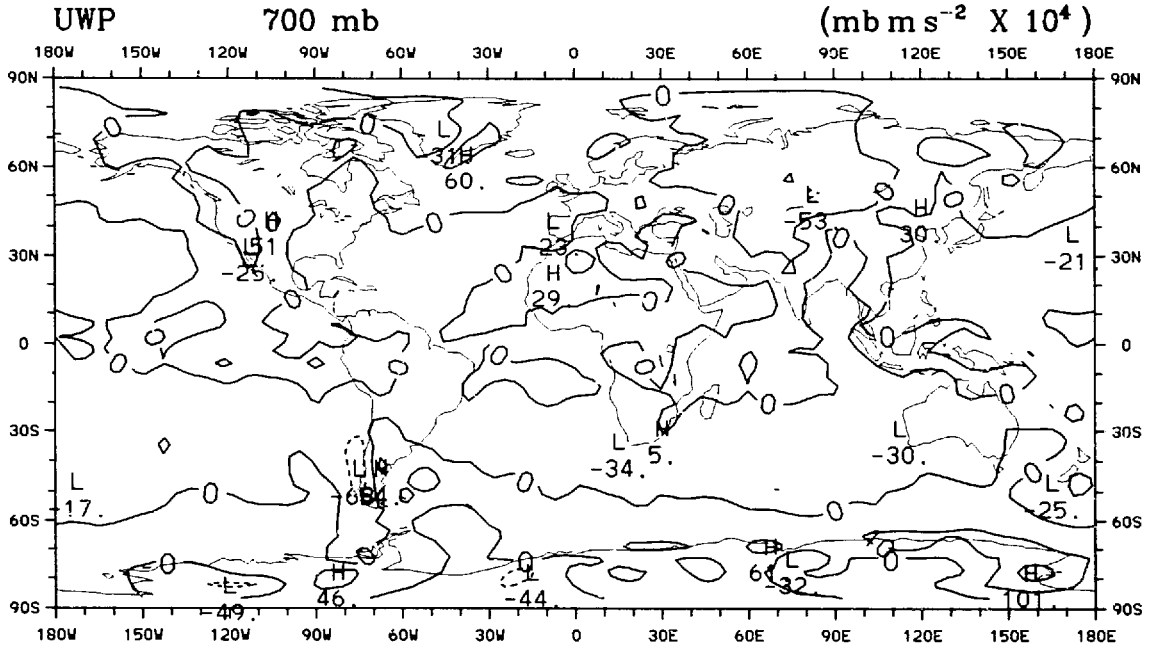

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UVP
100 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
4.19
-9.40
-12.3
-4.01
-7.49
25.8
-3.59
28.1
10.2
9.87
4.67
-26.7
-25.4
3.98
-29.0
-25.4
12.4
20.3
16.6
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= 10.550

FRAME 1.93


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UWP
850 mb
(mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.80000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.41826E-01 LABELS SCALED BY 100.00

FRAME 1.94

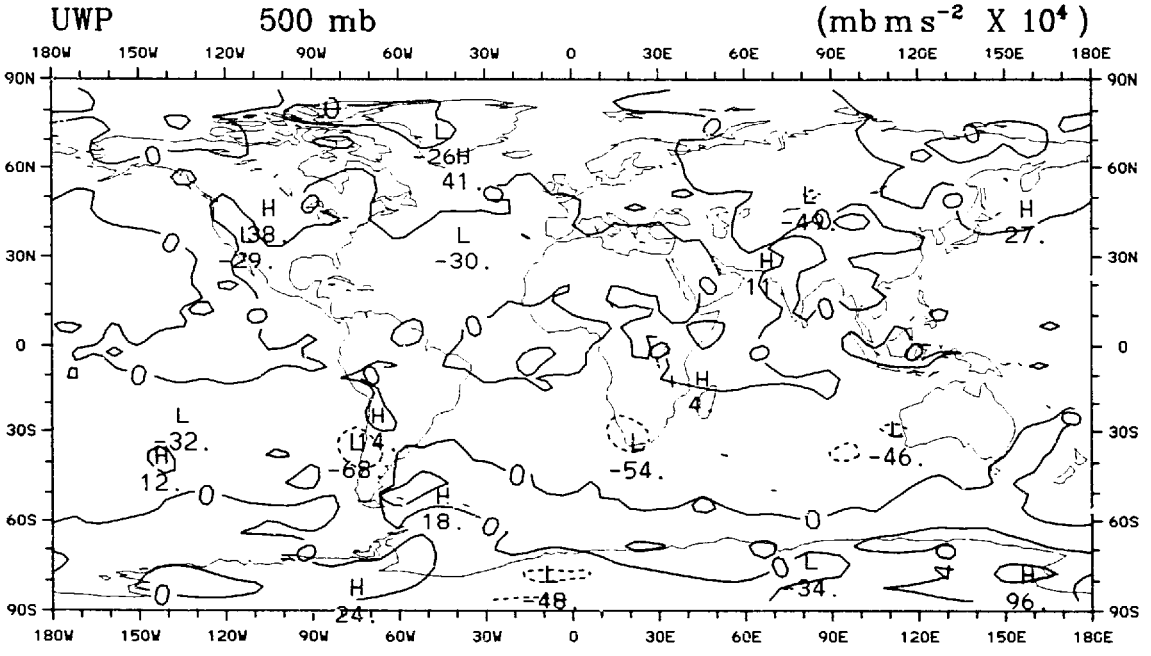
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



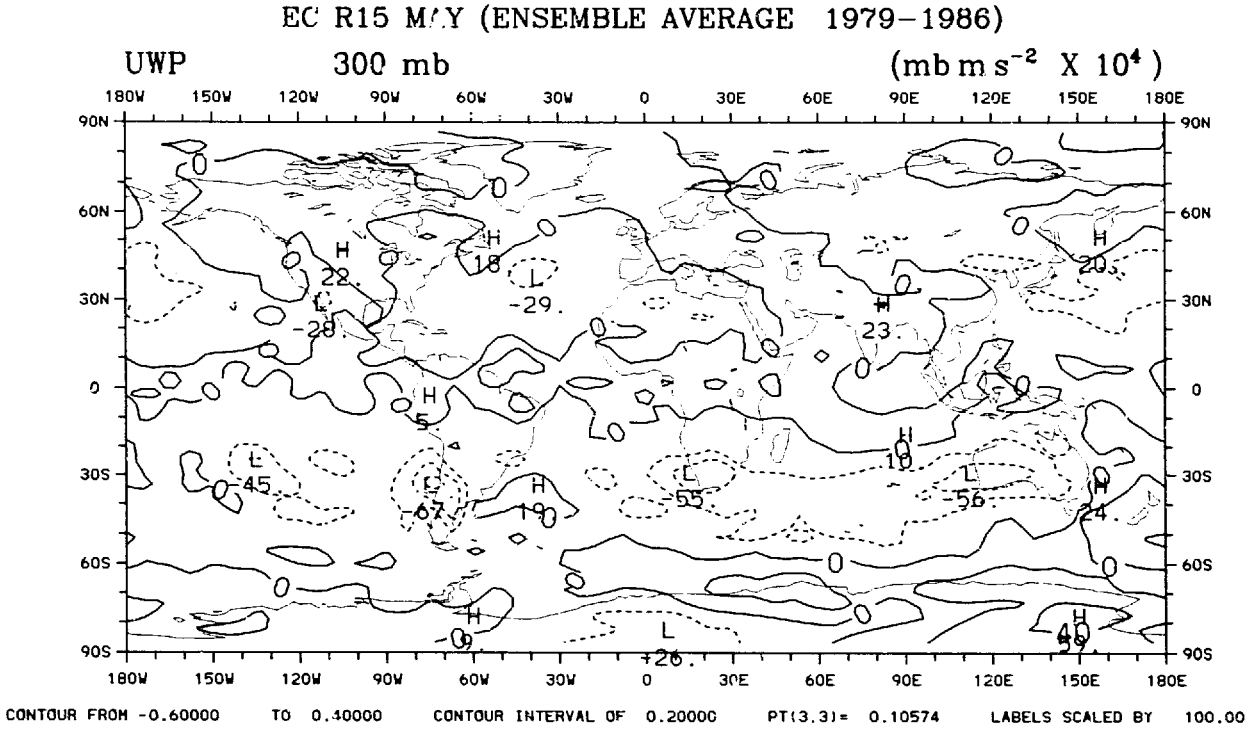

CONTOUR FROM -0.40000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.12532 LABELS SCALED BY 100.00

FRAME 1.95

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

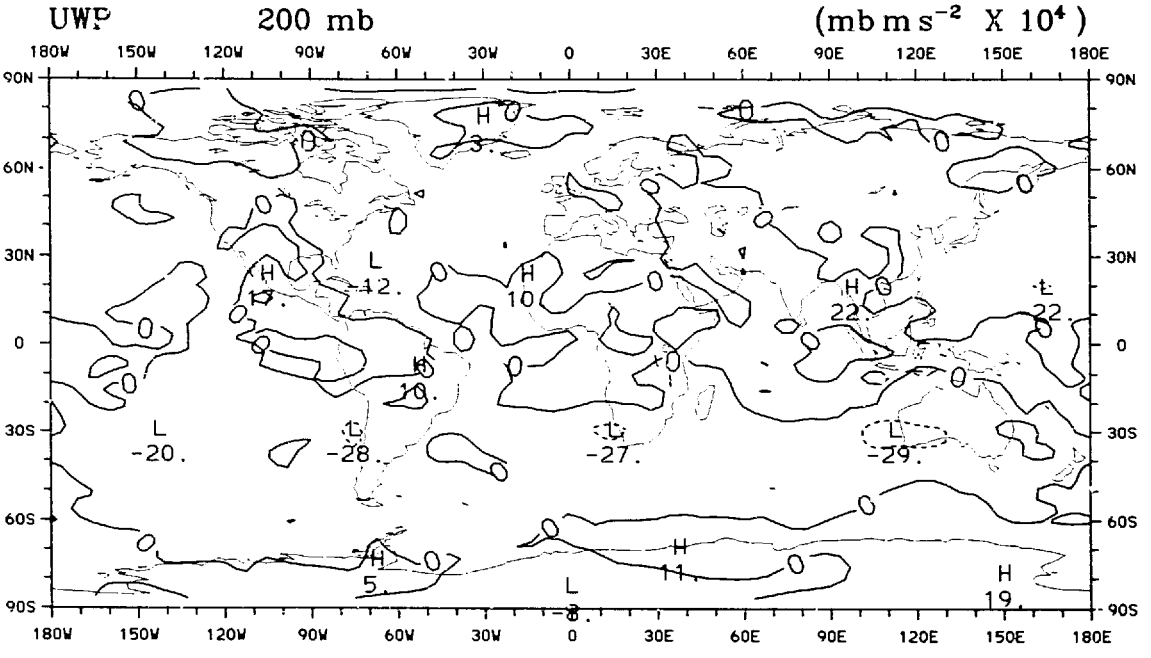



FRAME 1.96


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
UWP 300 mb (mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.60000 TO 0.40000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.10574 LABELS SCALED BY 100.00

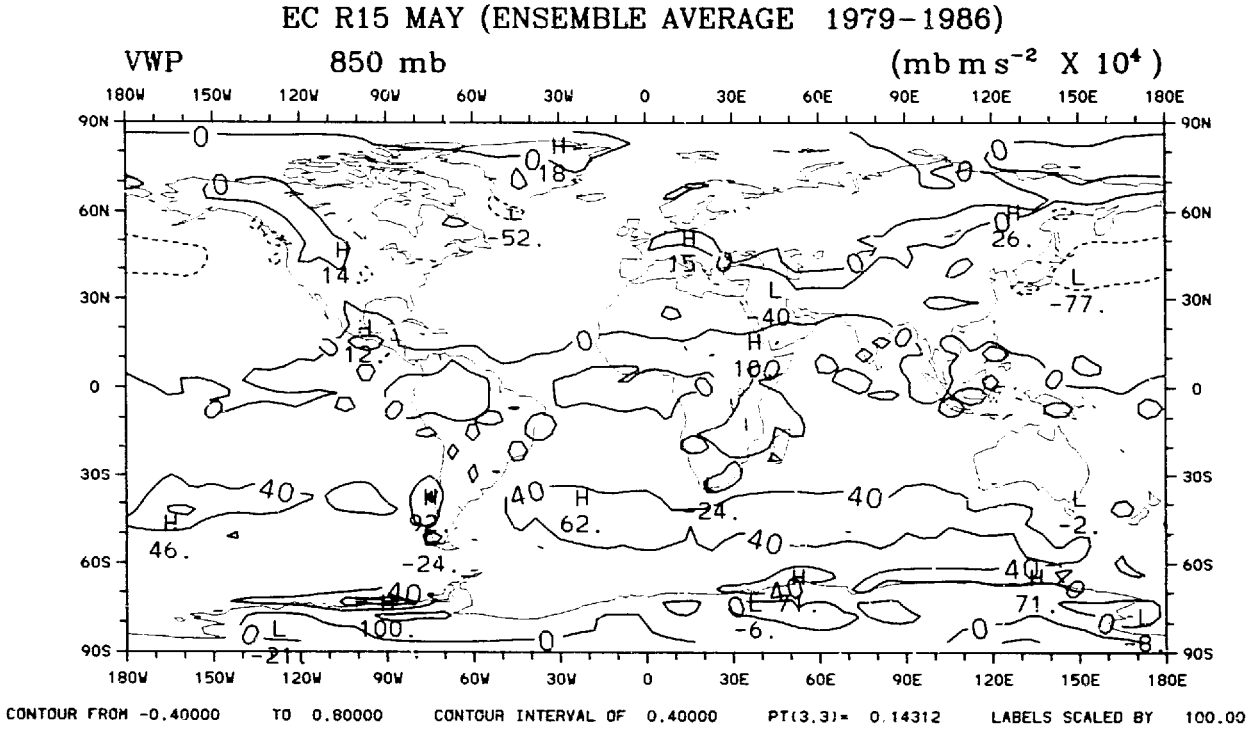
FRAME 1.97

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

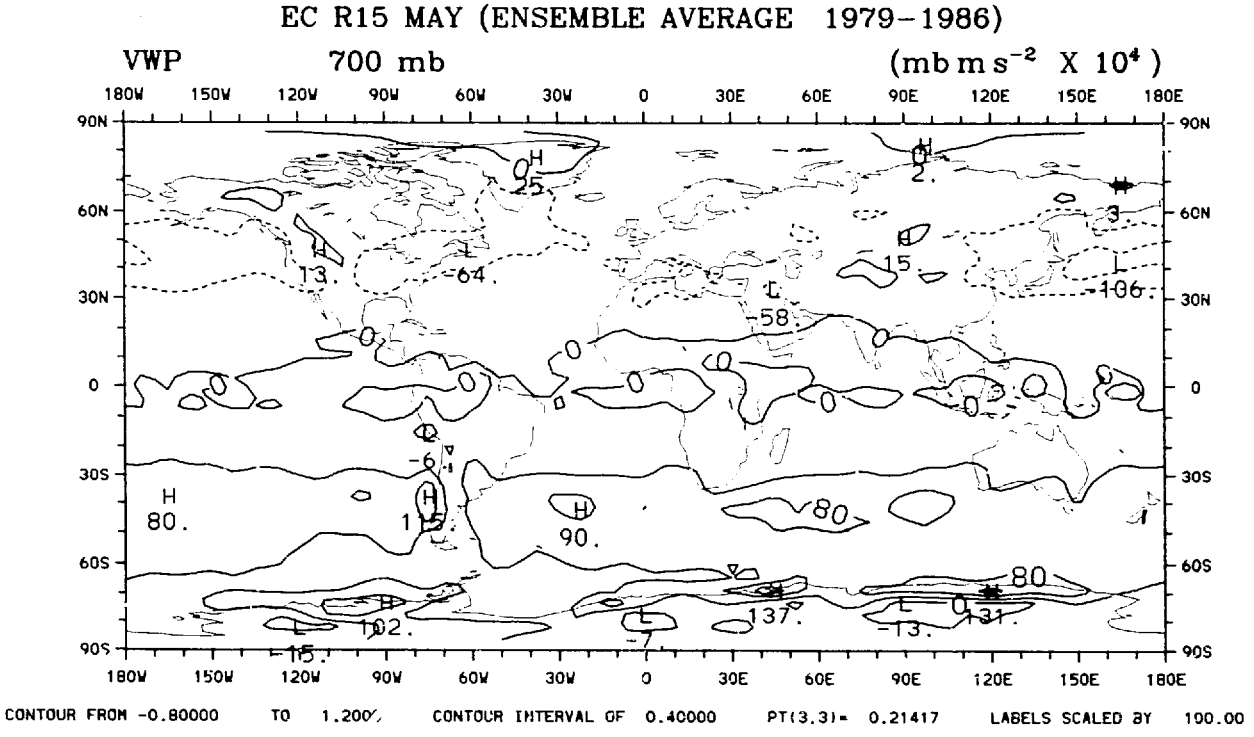



CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.48564E-01 LABELS SCALED BY 100.00

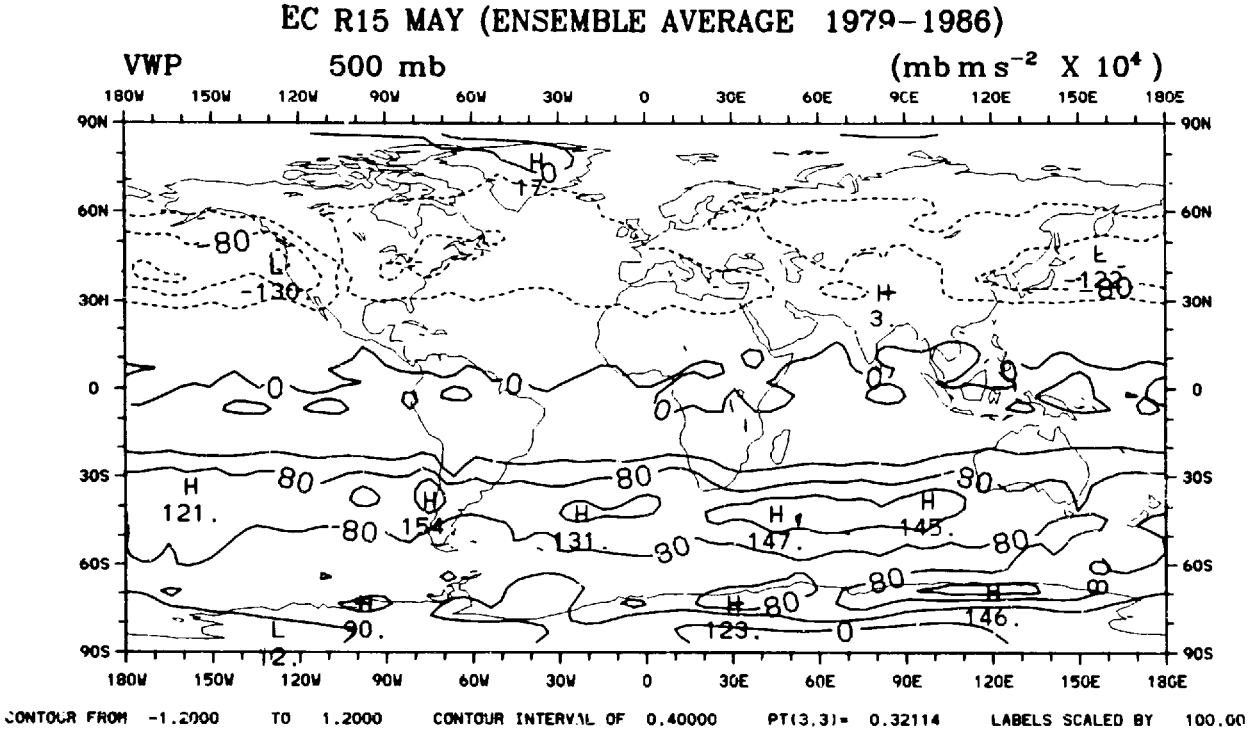
FRAME 1.98


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VWP 850 mb (mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.40000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.14312 LABELS SCALED BY 100.00

FRAME 1.99

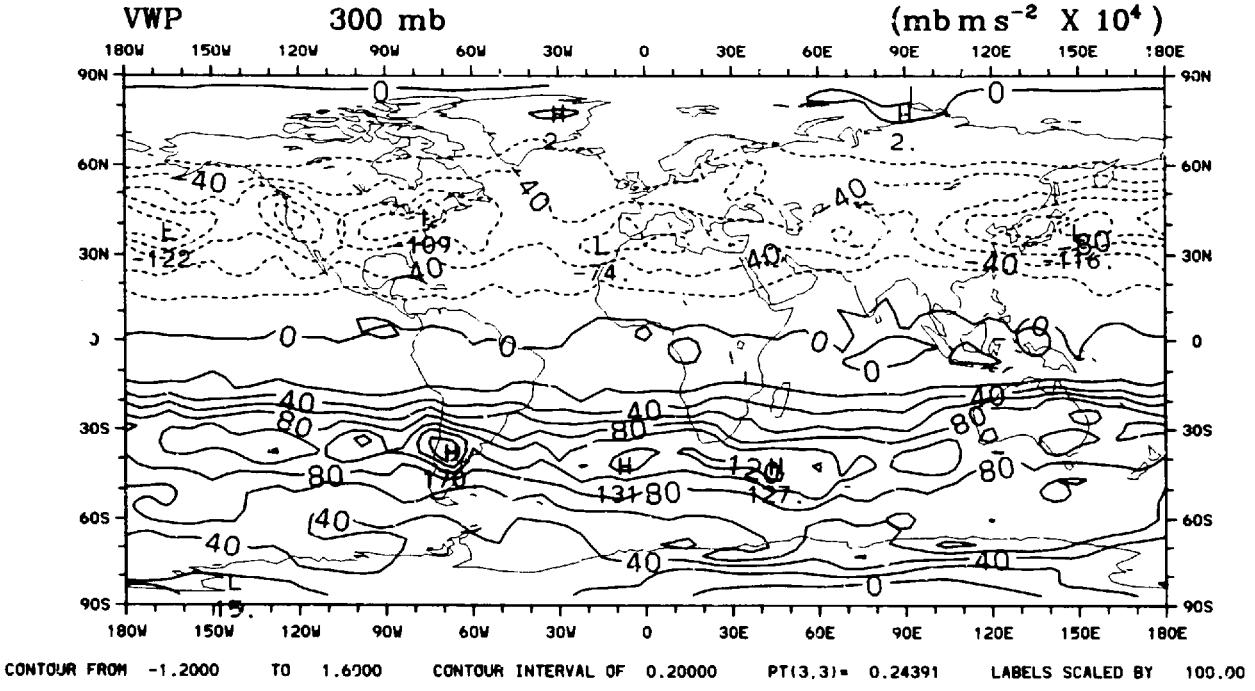

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VWP 700 mb (mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 25.
H 13.
L -64.
H 2.
3
15
L -106.
L -58.
0
-6
H 80.
H 115.
H 90.
80
80
H 102.
L -15.
L -7.
137.
L -13.
131.
CONTOUR FROM -0.80000 TO 1.200 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.21417 LABELS SCALED BY 100.00

FRAME 1.100


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
VWP
500 mb
(mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -1.2000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.32114 LABELS SCALED BY 100.00

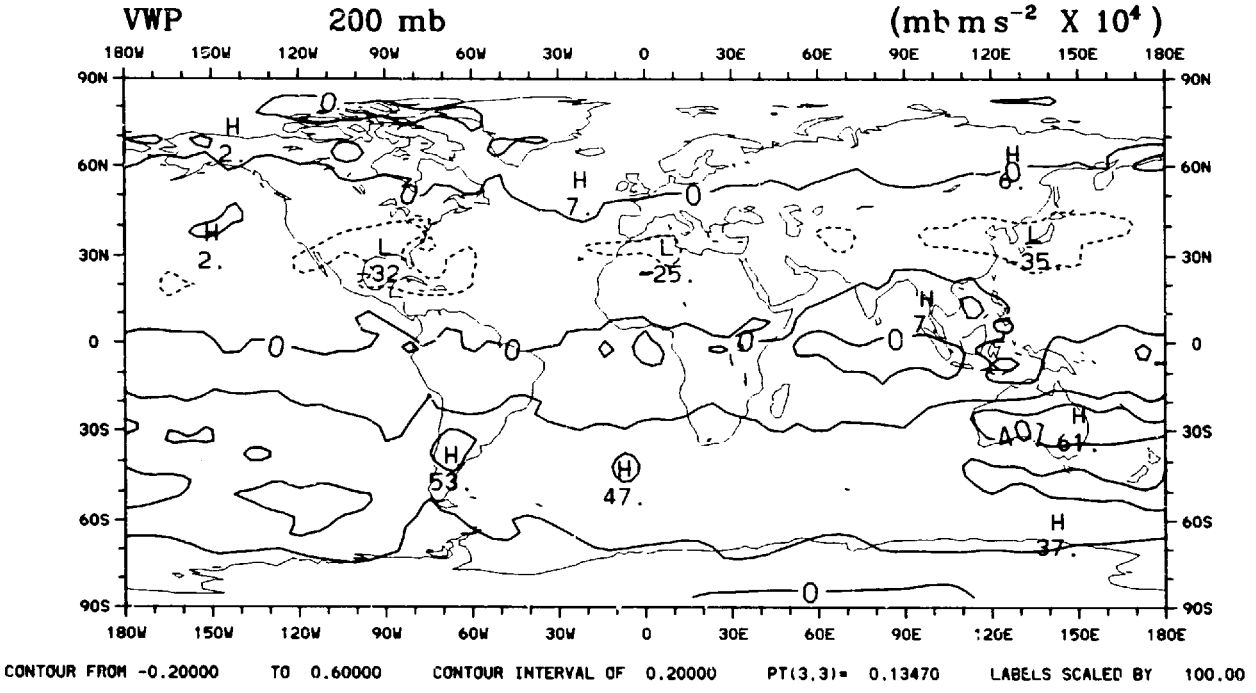
FRAME 1.101

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.102

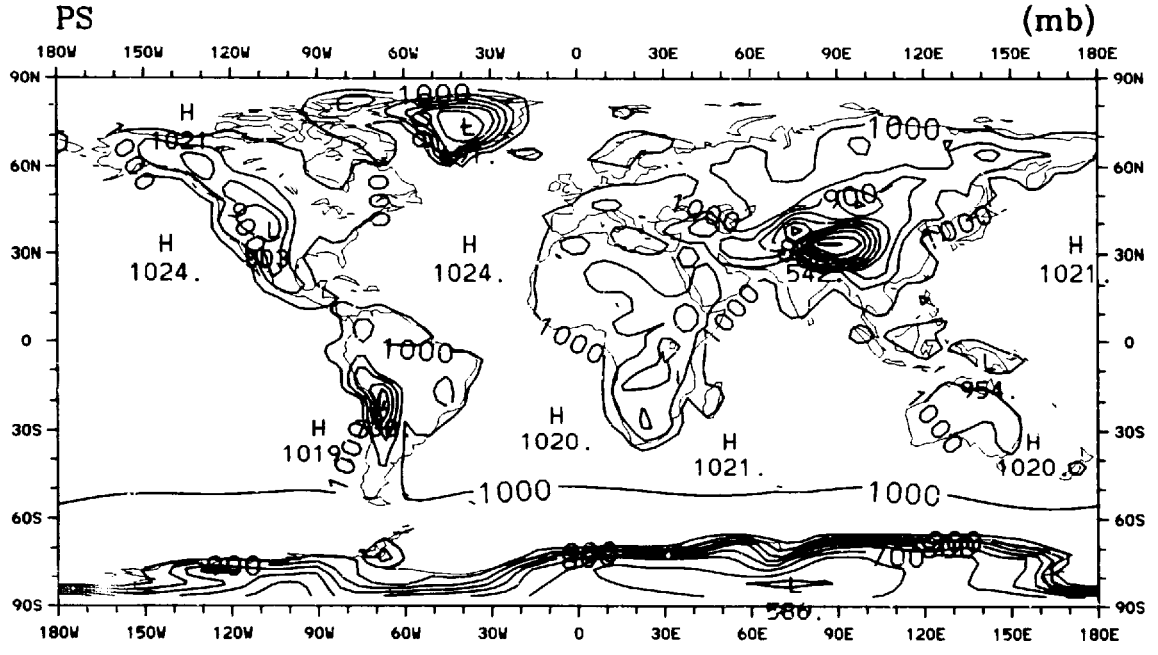
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000 TO 0.60000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.13470 LABELS SCALED BY 100.00

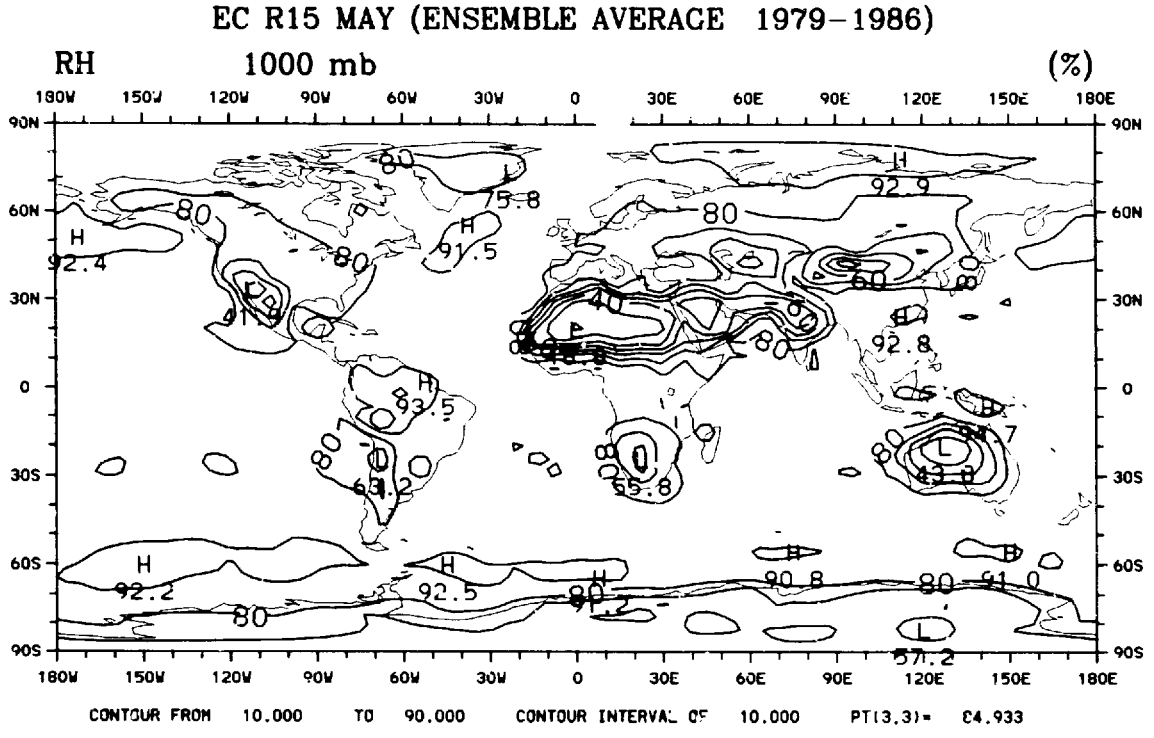
FRAME 1.103

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



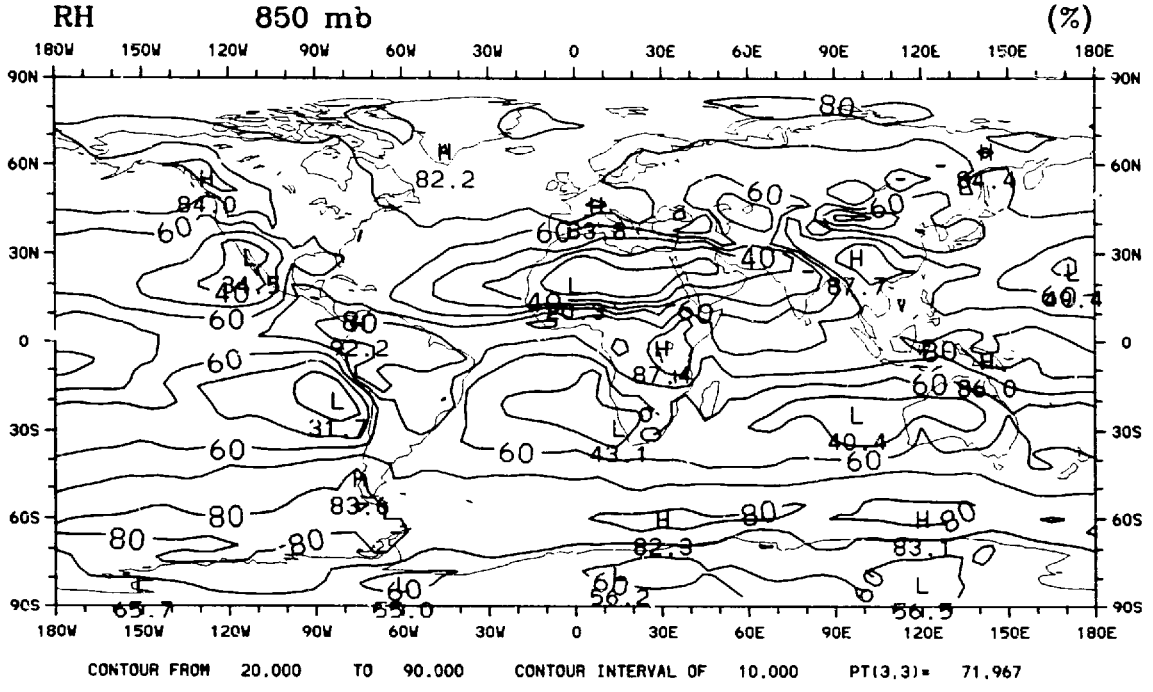

CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 98307. LABELS SCALED BY 0.10000E-01

FRAME 1.104


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
RH
1000 mb
(%)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 92.4
H 91.5
H 92.9
H 92.8
H 93.5
H 92.2
H 92.5
H 90.8
H 91.0
L 75.8
L 55.8
L 43.8
L 57.2
80
CONTOUR FROM 10.000 TO 90.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 84.933

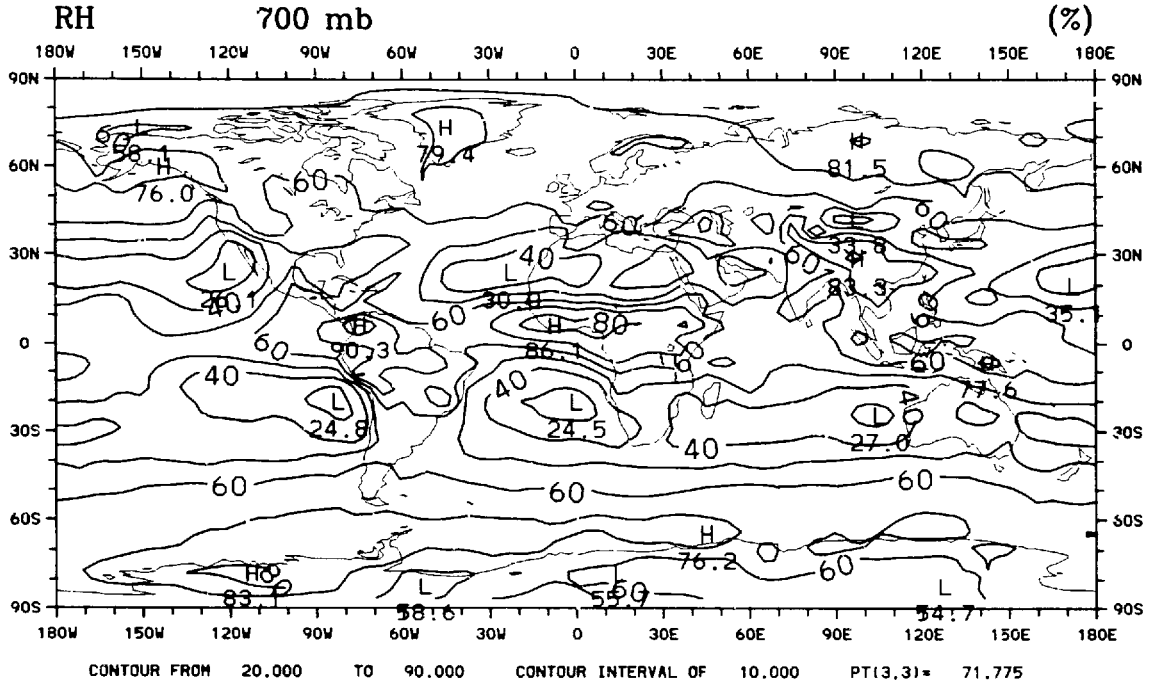
FRAME 1,105

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



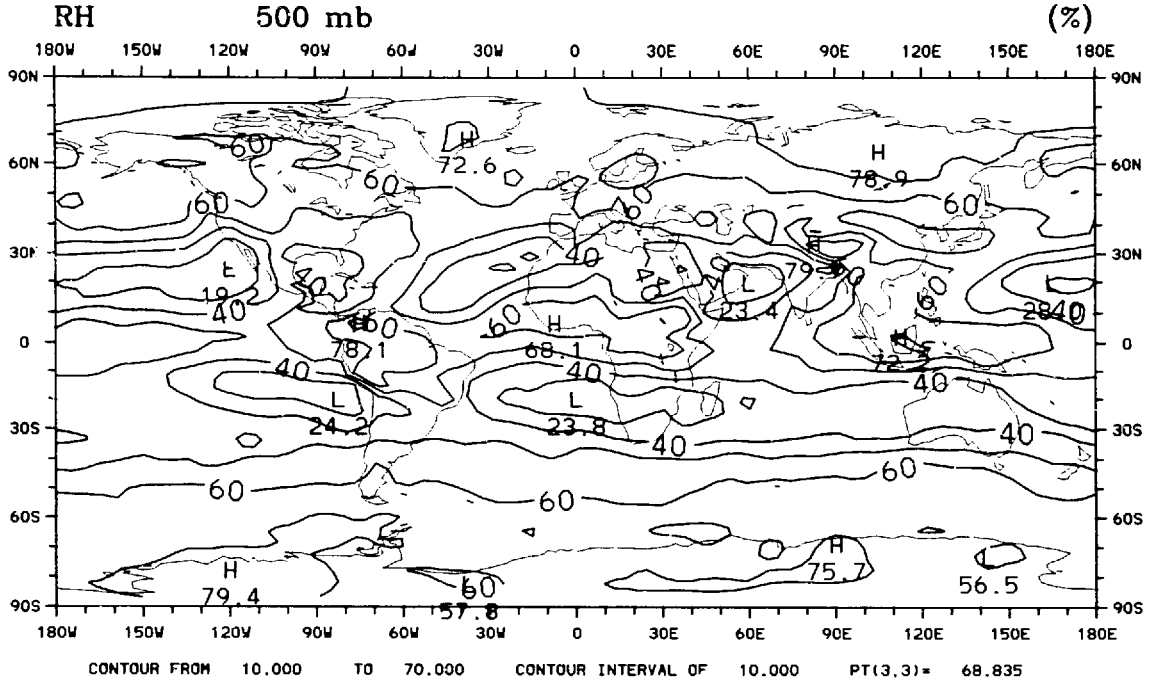

FRAME 1.106

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



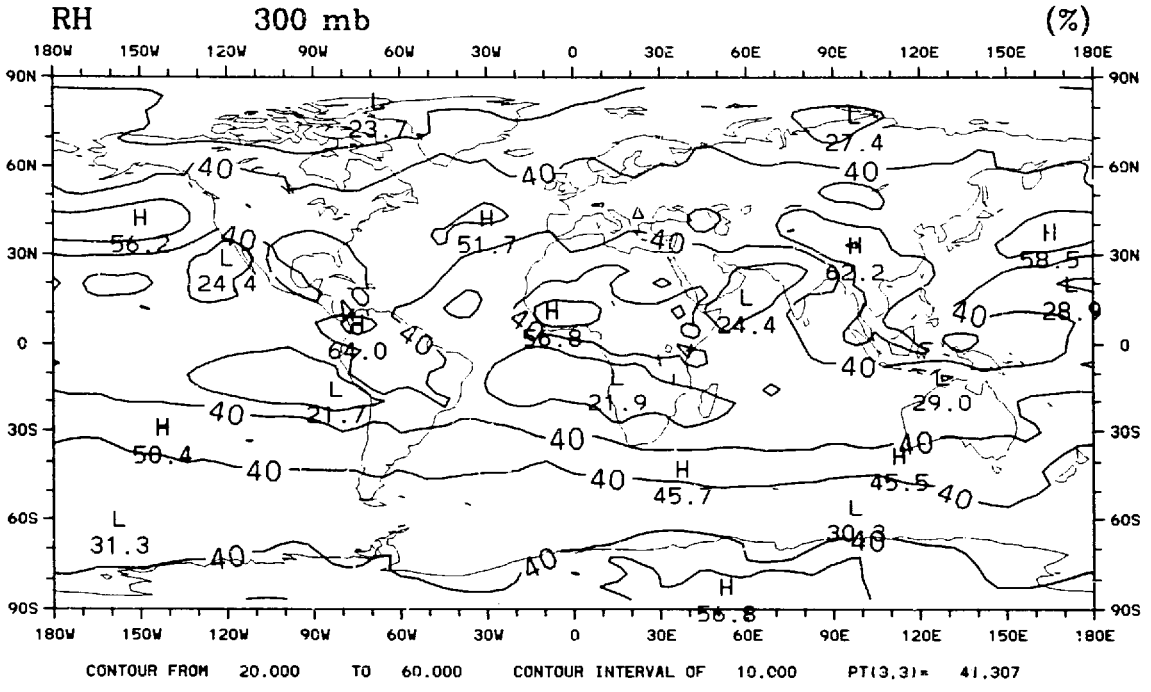

FRAME 1.107

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.108

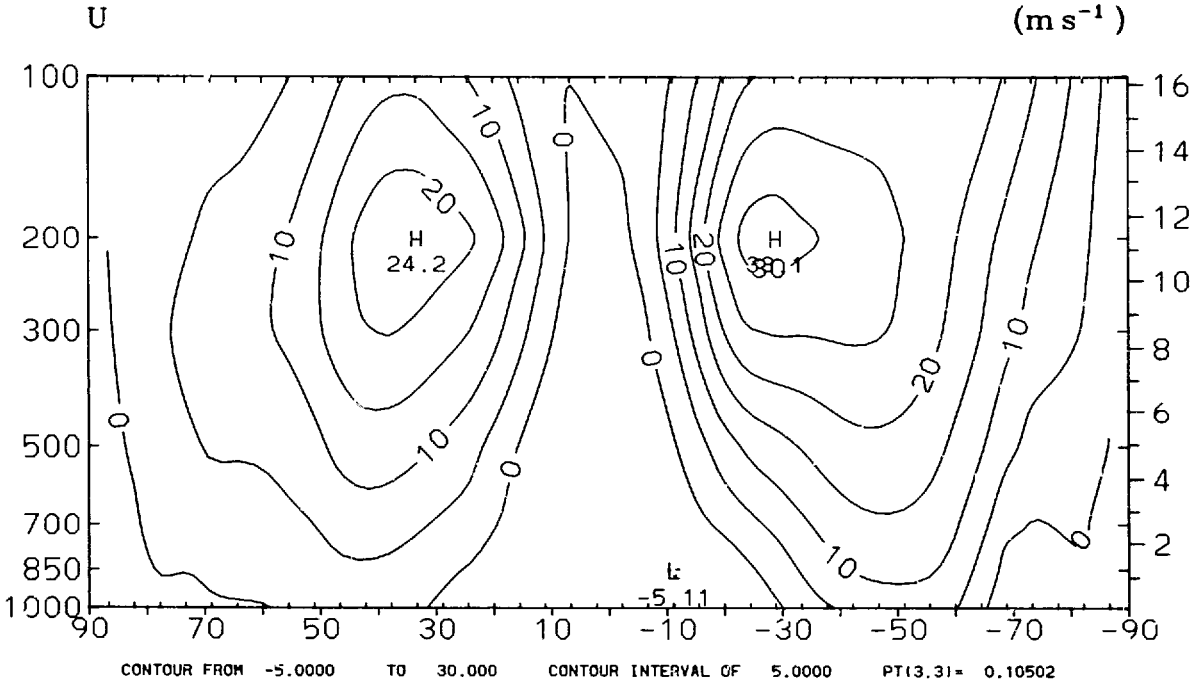
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 20.000 TO 60.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 41.307

FRAME 1,109

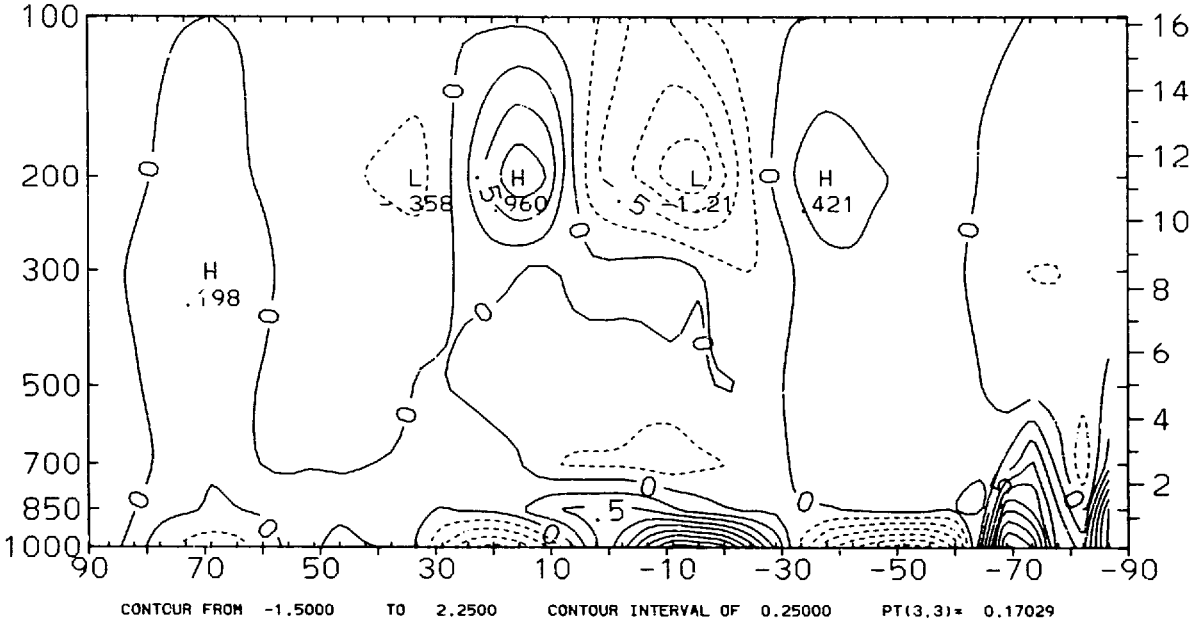
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.110

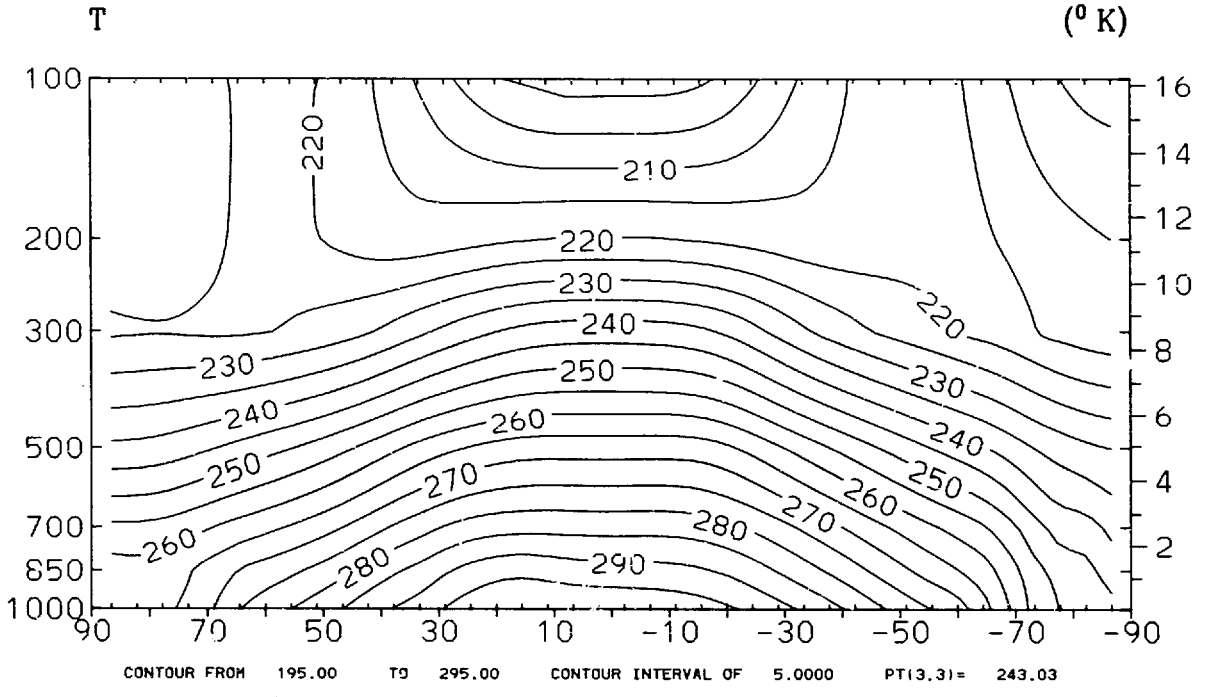
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

V (m s$^{-1}$)




FRAME 1.111

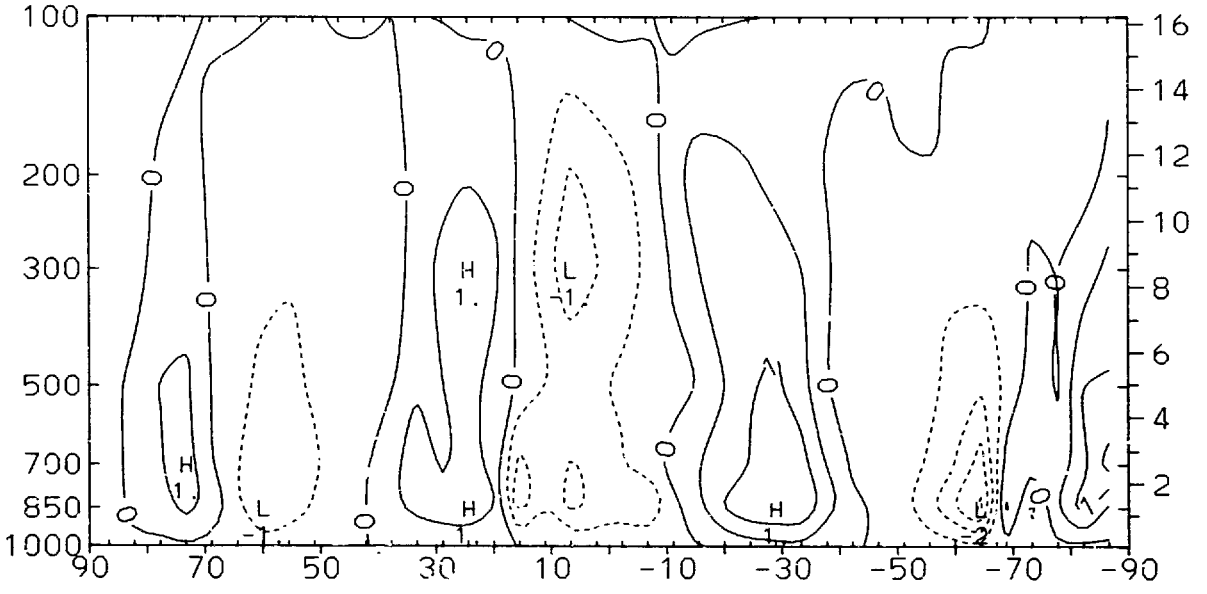
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

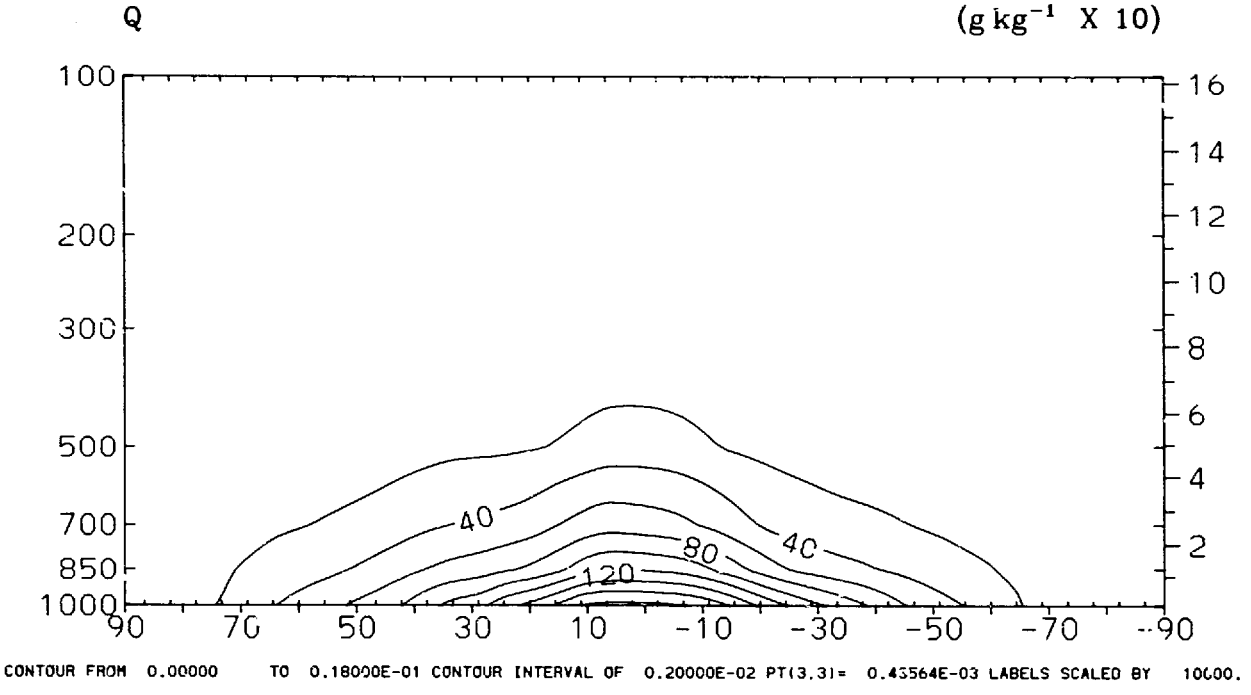
OMEGA ($mb\,s^{-1}$ X $10^4$)




CONTOUR FROM -0.20000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.19877E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

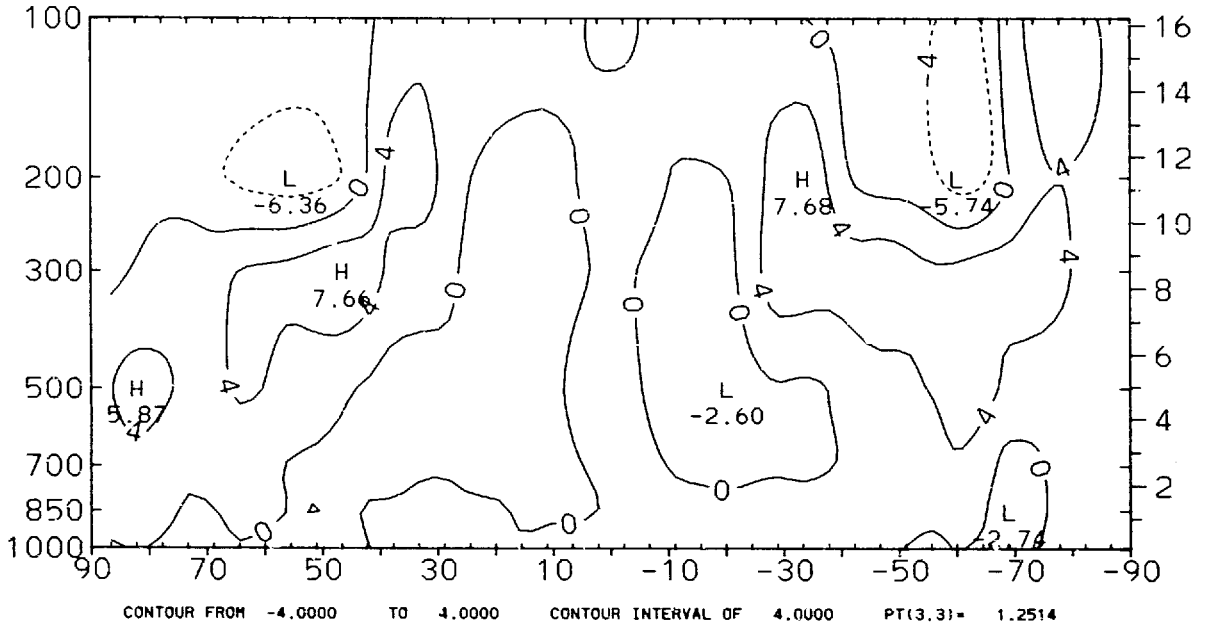



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.43564E-03 LABELS SCALED BY 10000.

FRAME 1.114

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

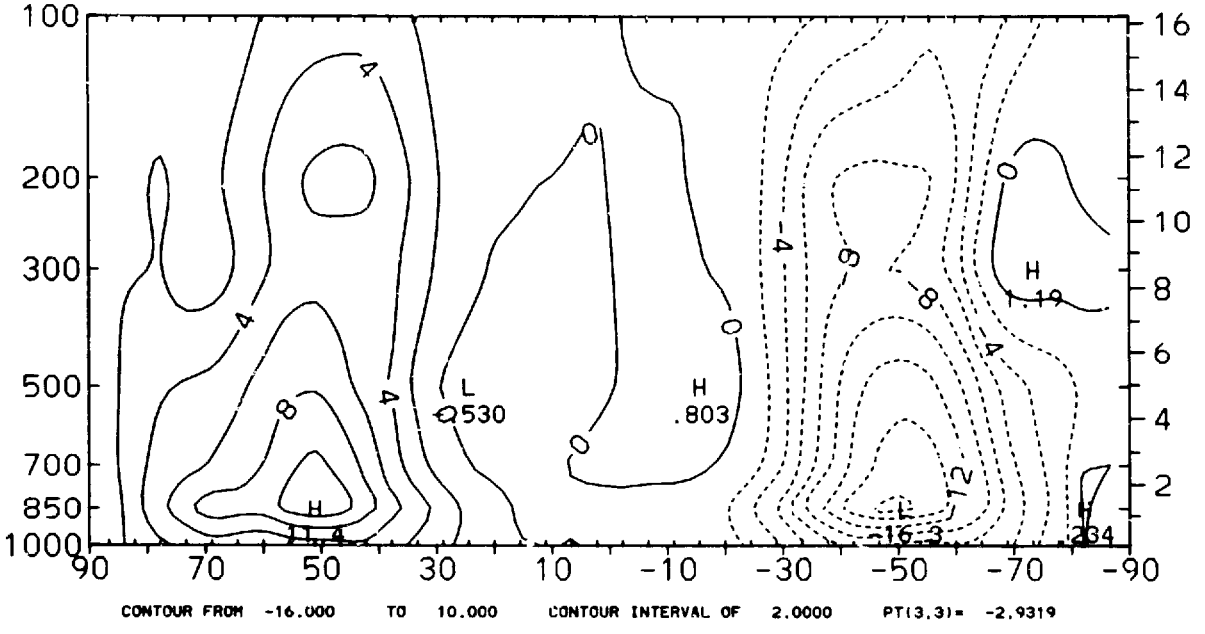
UTP ($^0$ K m s$^{-1}$)




FRAME 1.115

EC R15 MAY (ENSEMBLE AVERAGE 1979--1986)

VTP ($^0$ K m s$^{-1}$)

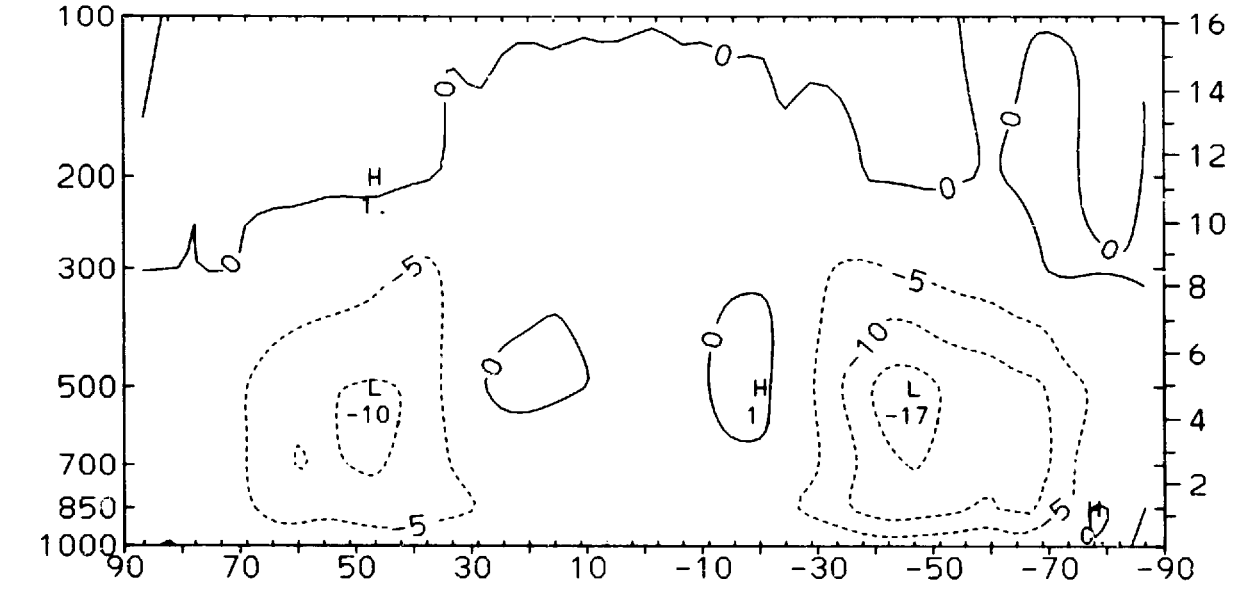



CONTOUR FROM -16.000 TO 10.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= -2.9319

FRAME 1.116

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

WTP ($^{o}$ K mb s$^{-1}$ X 10$^{4}$)

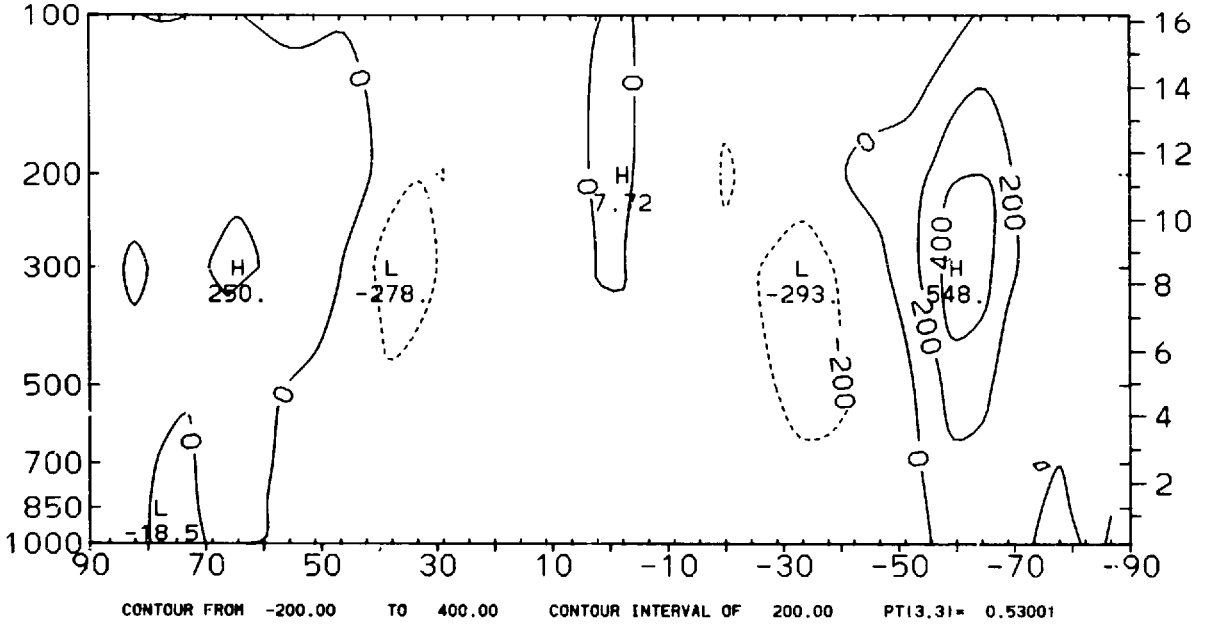



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.18977E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

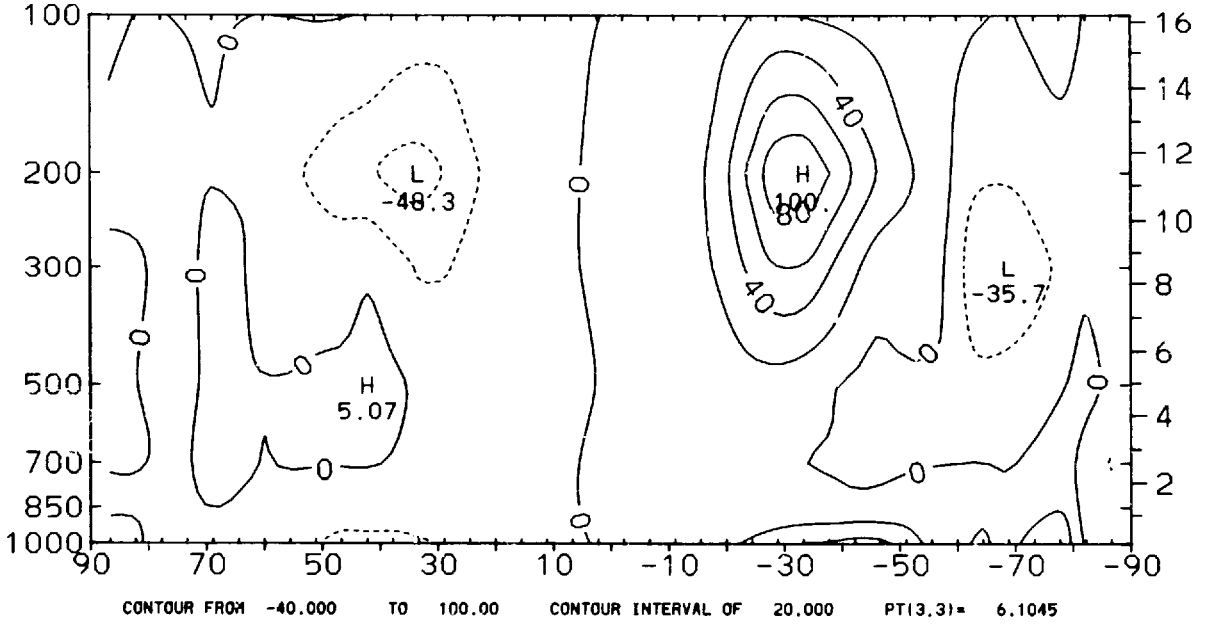
UZP ($m^2 s^{-1}$)




FRAME 1 118

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

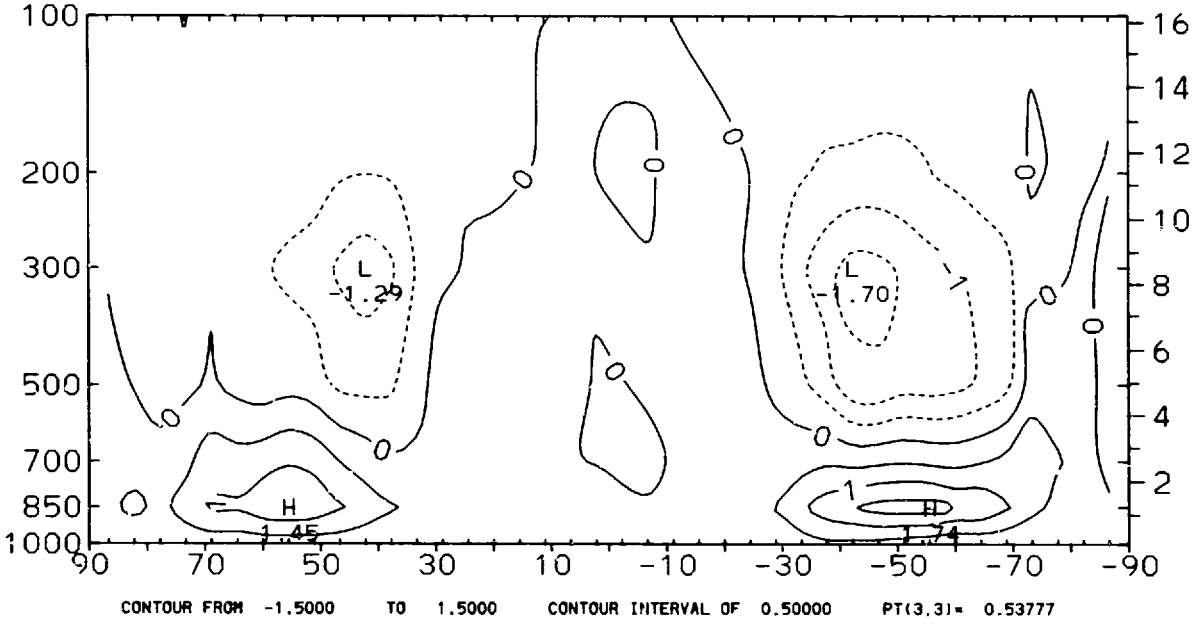
VZP $(m^2 s^{-1})$




FRAME 1.119

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

WZP (mb m $s^{-1}$ X $10^2$)

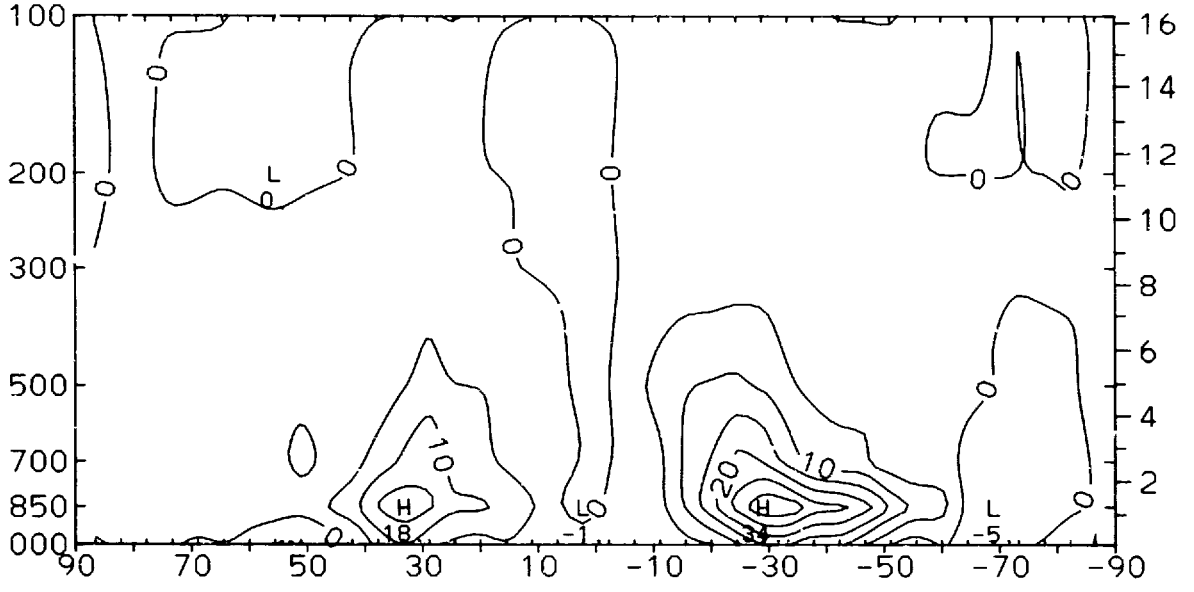



CONTOUR FROM -1.5000 TO 1.5000 CONTOUR INTERVAL OF 0.50000 PT(3,3)= 0.53777

FRAME 1.12C

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

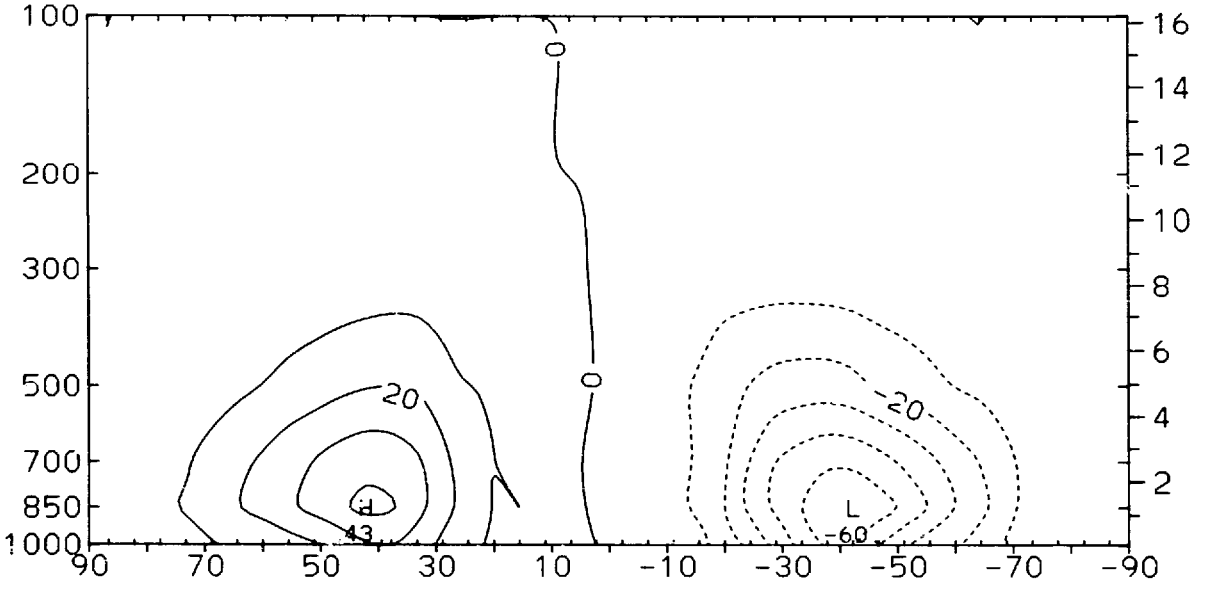



CONTOUR FROM -0.50000E-03 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.91149E-04 LABELS SCALED BY 10000.

FRAME 1,121

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

VQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

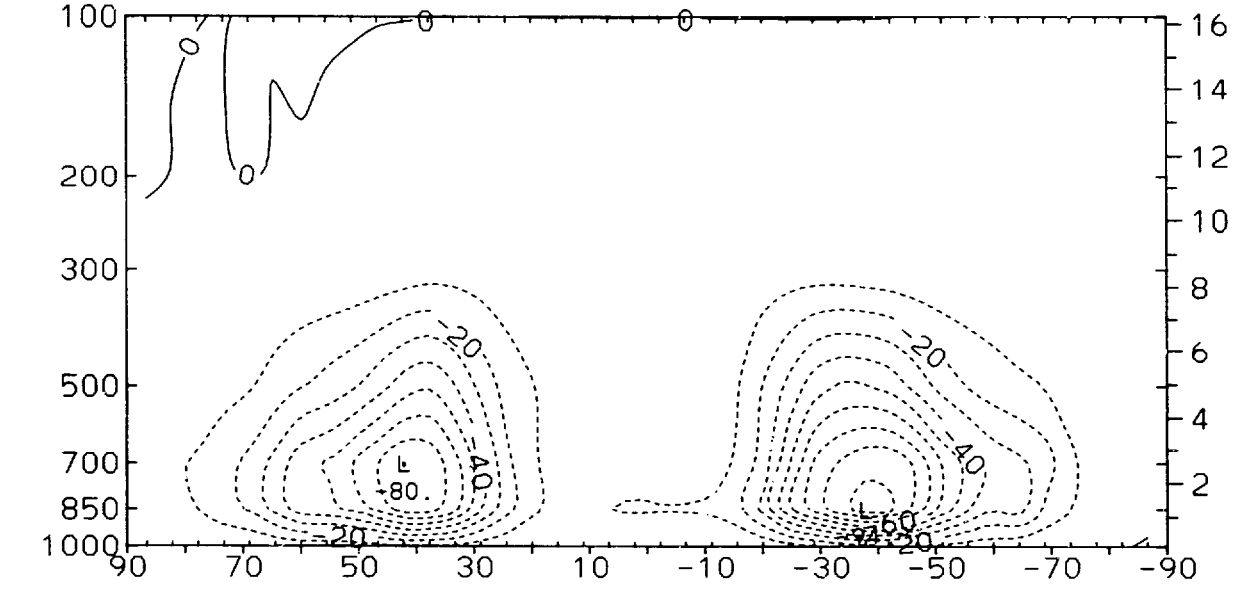



CONTOUR FROM -0.50000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.29562E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

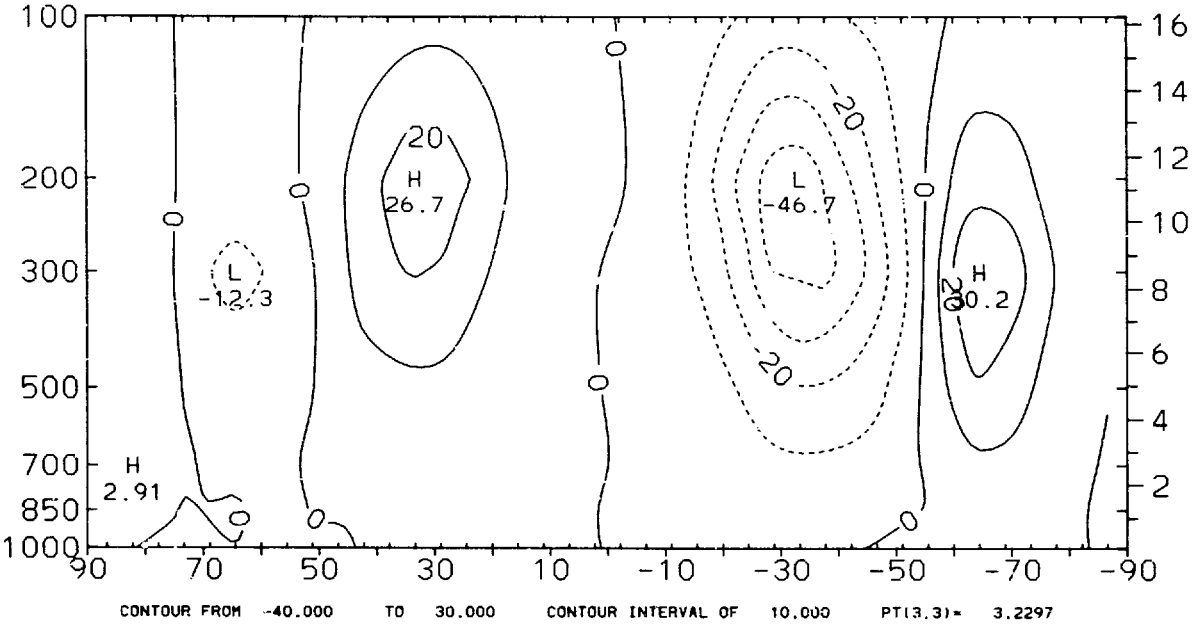



CONTOUR FROM -0.90000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.47602E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

UVP $(m^2 s^{-2})$



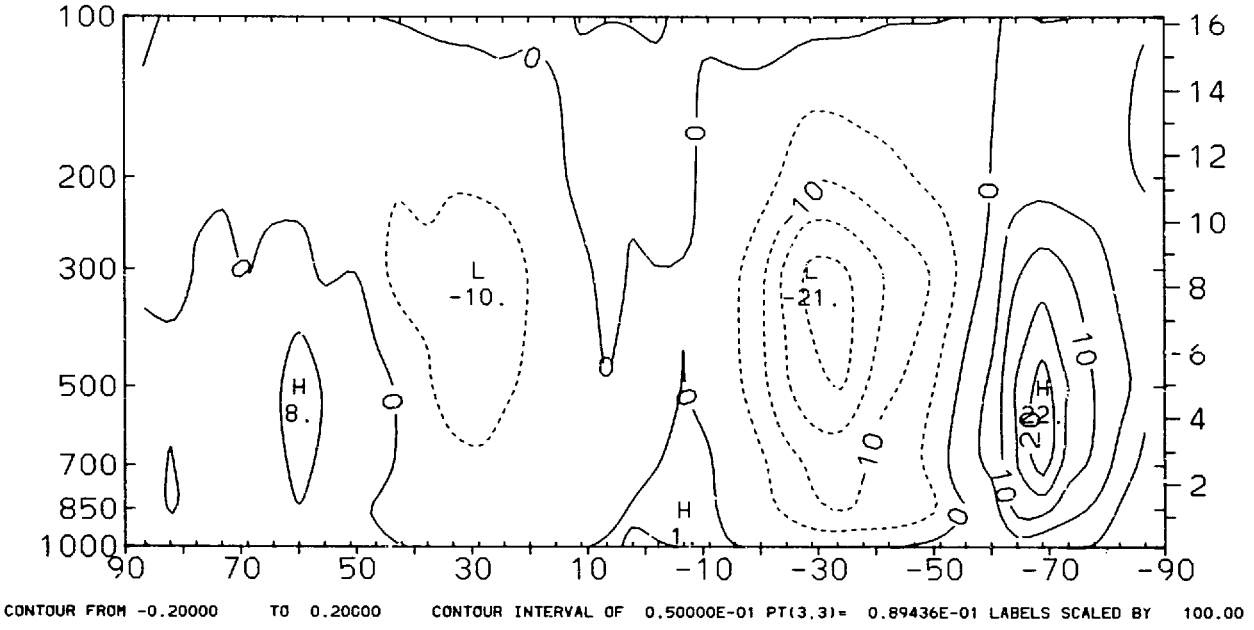

CONTOUR FROM -40.000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 3.2297

FRAME 1.124

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

UWP

($mb\,m\,s^{-2} \times 10^4$)

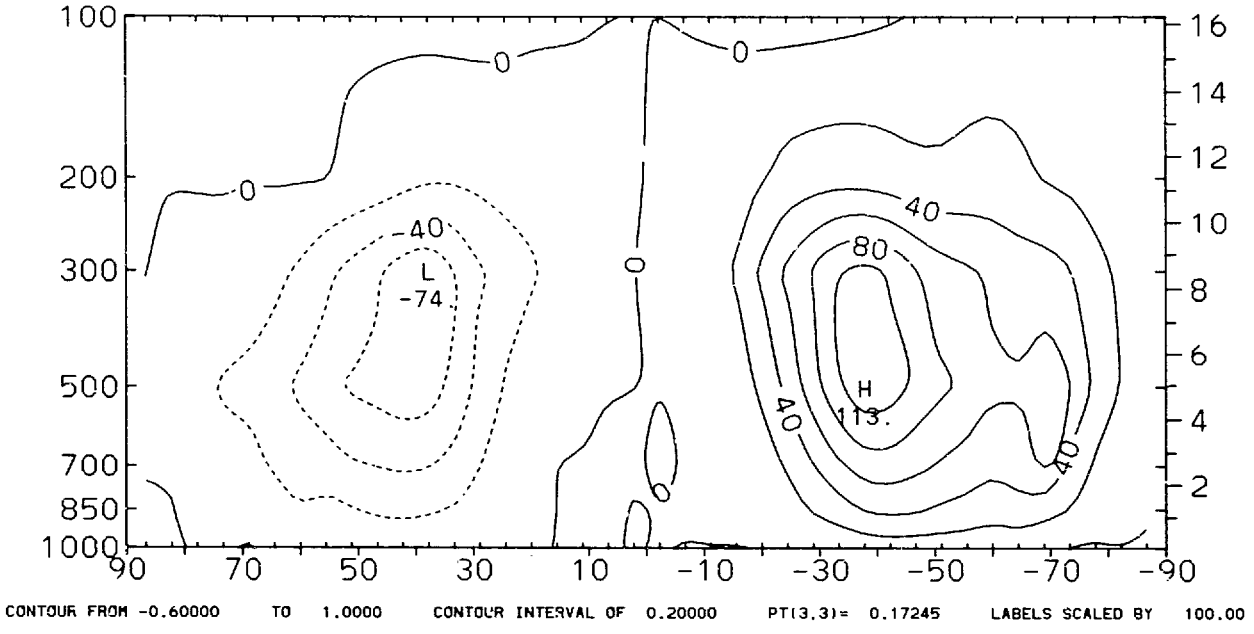



CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.89436E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

VWP (mb m s$^{-2}$ X 10$^{4}$)

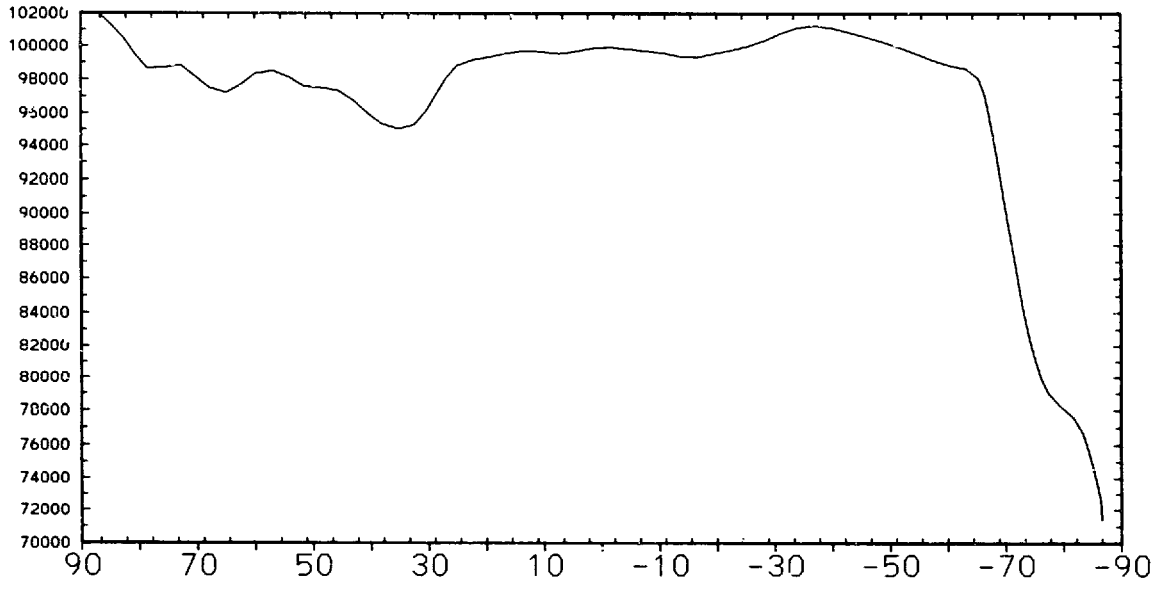



CONTOUR FROM -0.60000 TO 1.0000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.17245 LABELS SCALED BY 100.00

FRAME 1.126

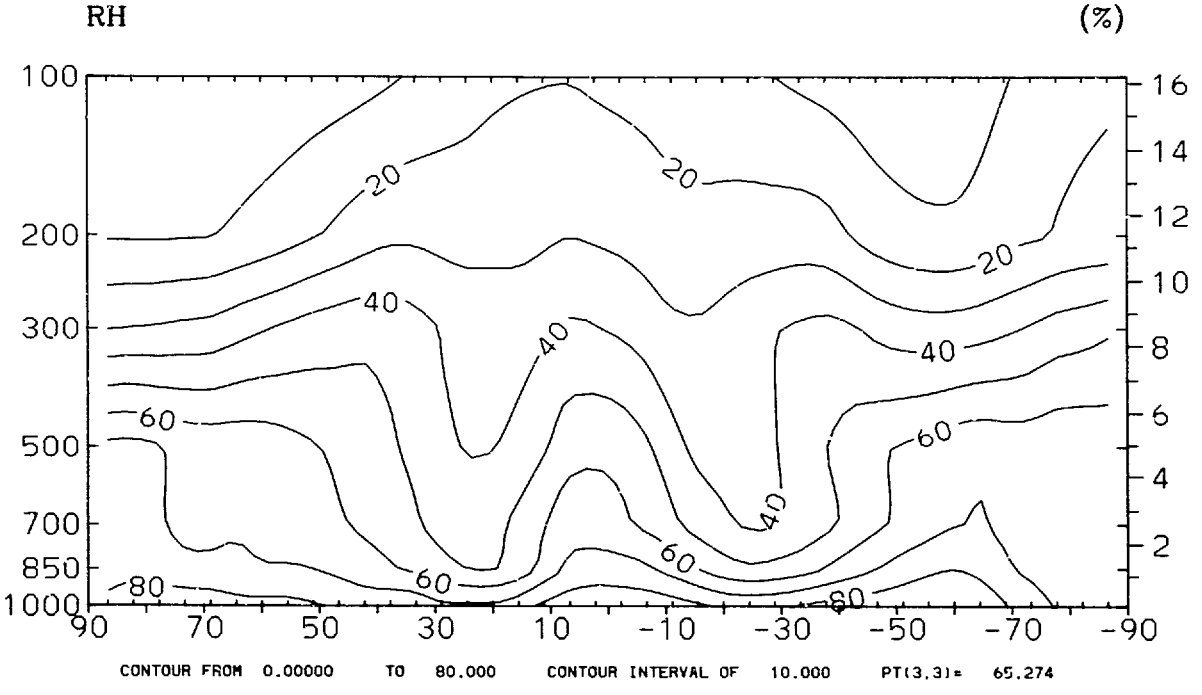
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)

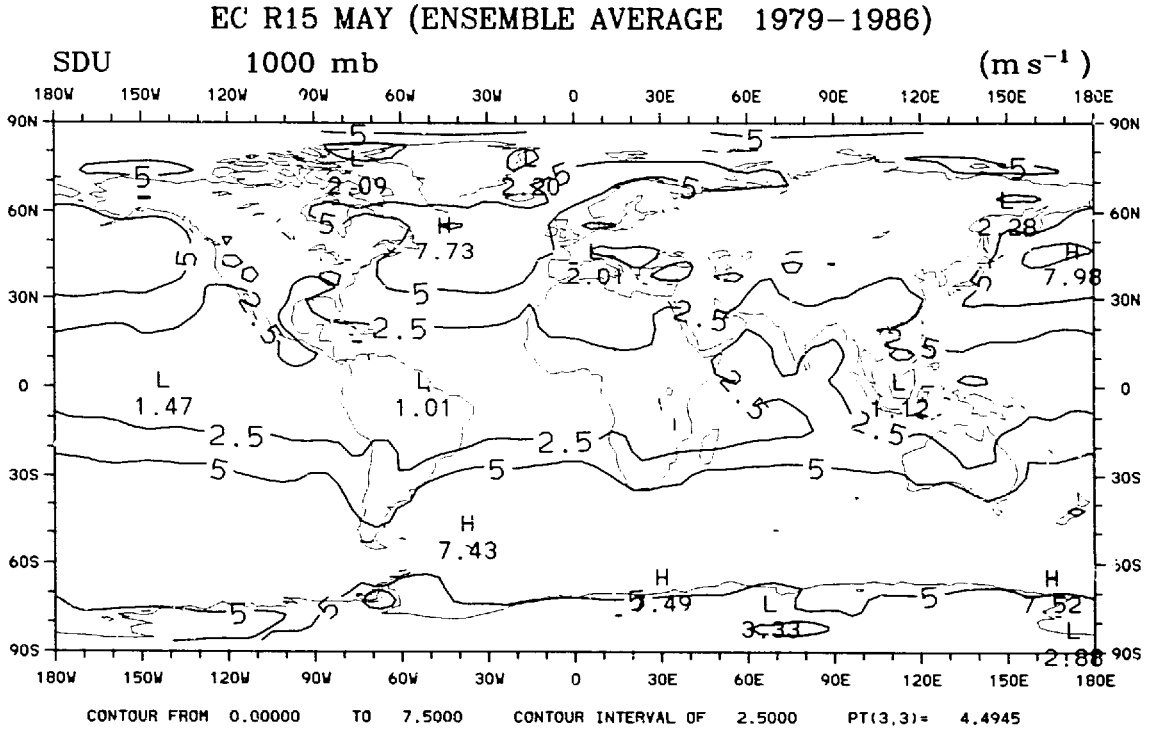



FRAME 1.127

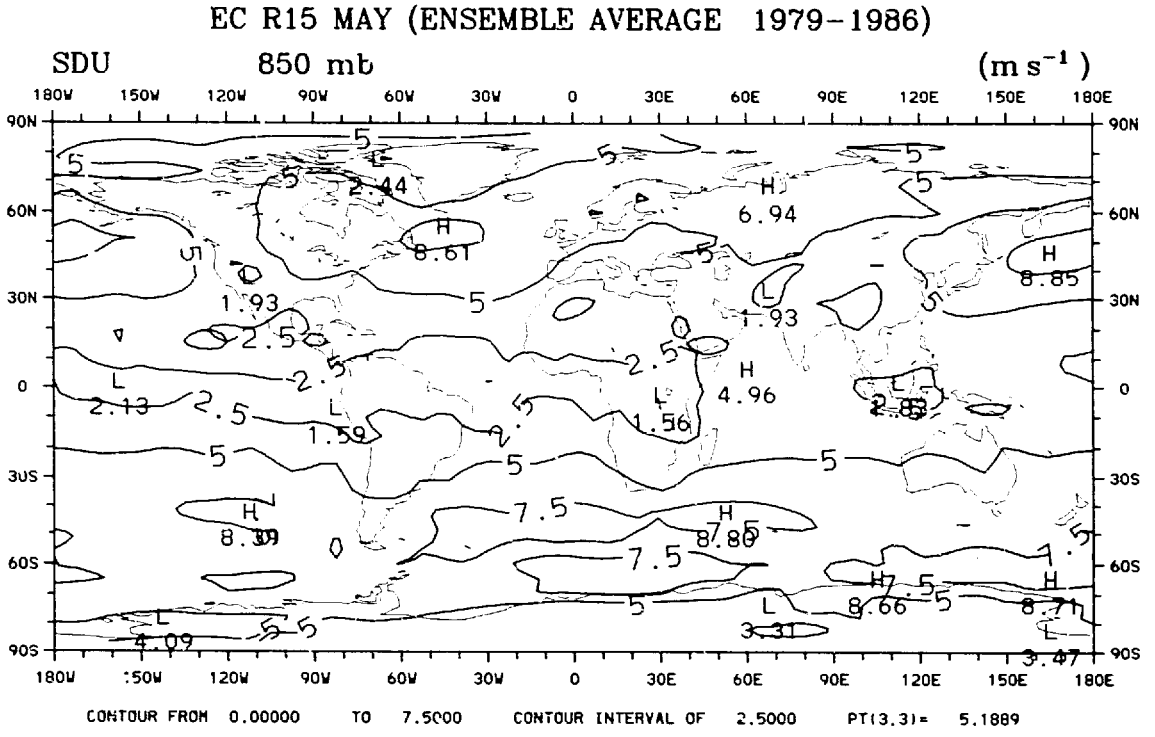
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



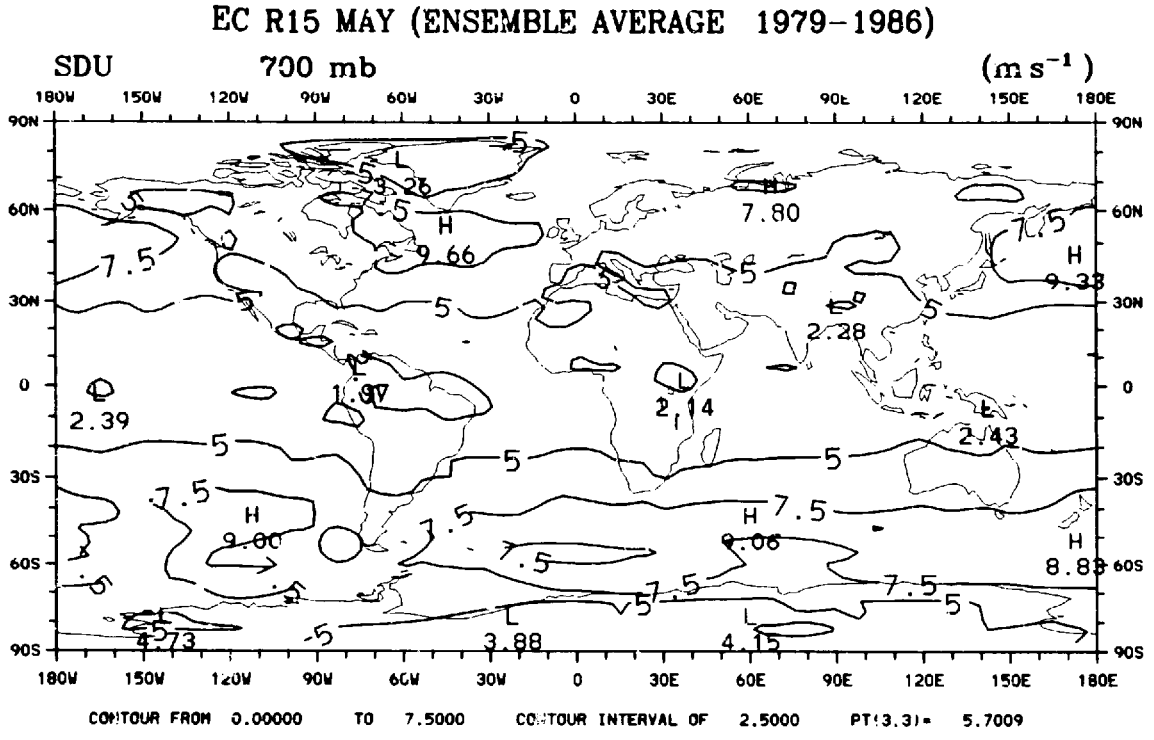

FRAME 1.128


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDU
1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L 1.47
L 1.01
H 7.43
H 7.73
L 2.09
L 2.80
L 2.01
H 7.49
L 3.33
H 7.52
L 2.86
H 7.98
L 2.28
L 1.12
5
2.5
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 4.4945

FRAME 2.1

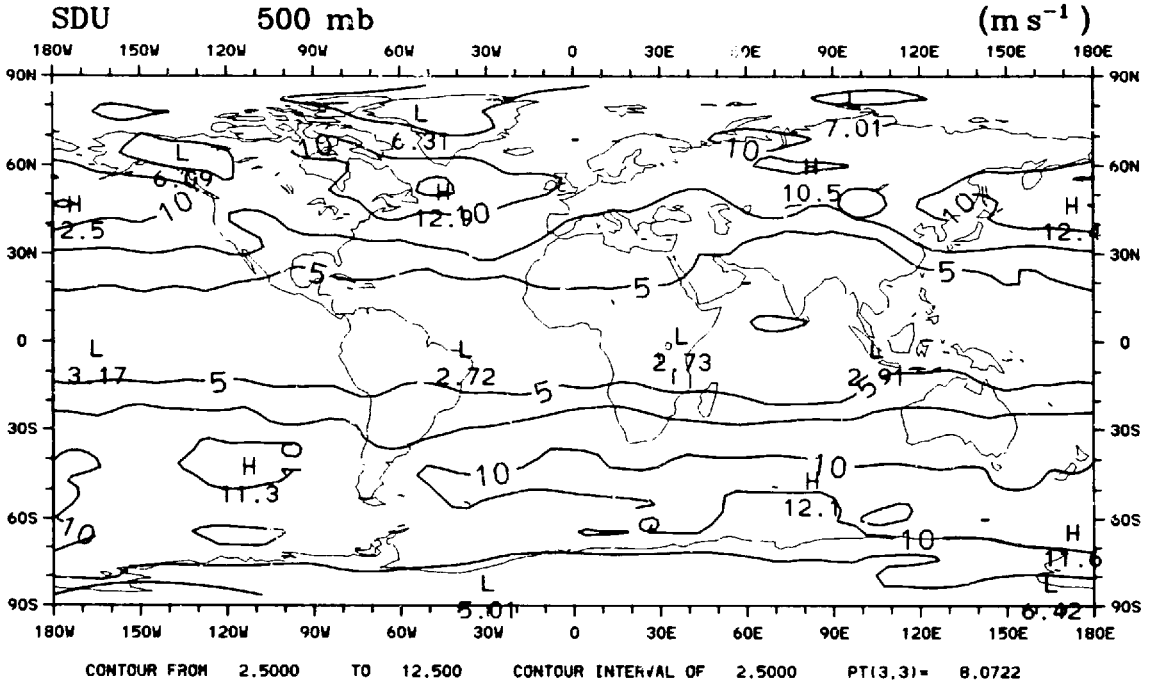

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDU
850 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.1889

FRAME 2.2


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDU
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
3.26
9.66
7.80
9.33
2.28
2.39
1.97
2.14
2.43
9.00
9.06
8.83
4.73
3.88
4.15
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.7009

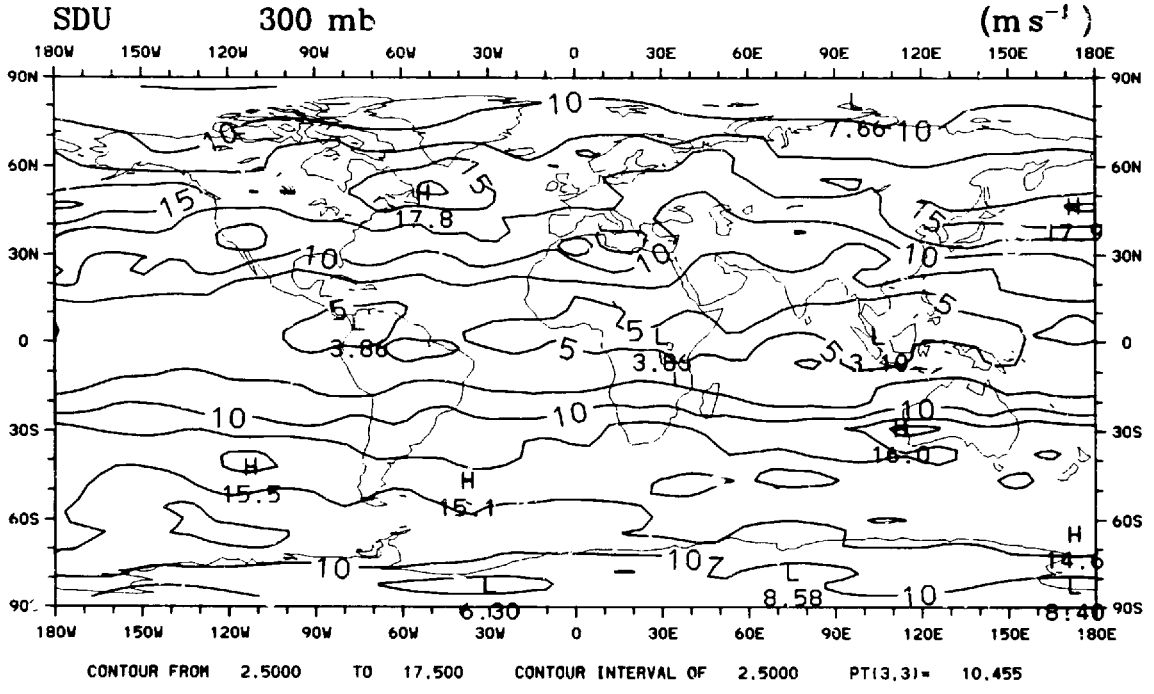
FRAME 2.3

# EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.4

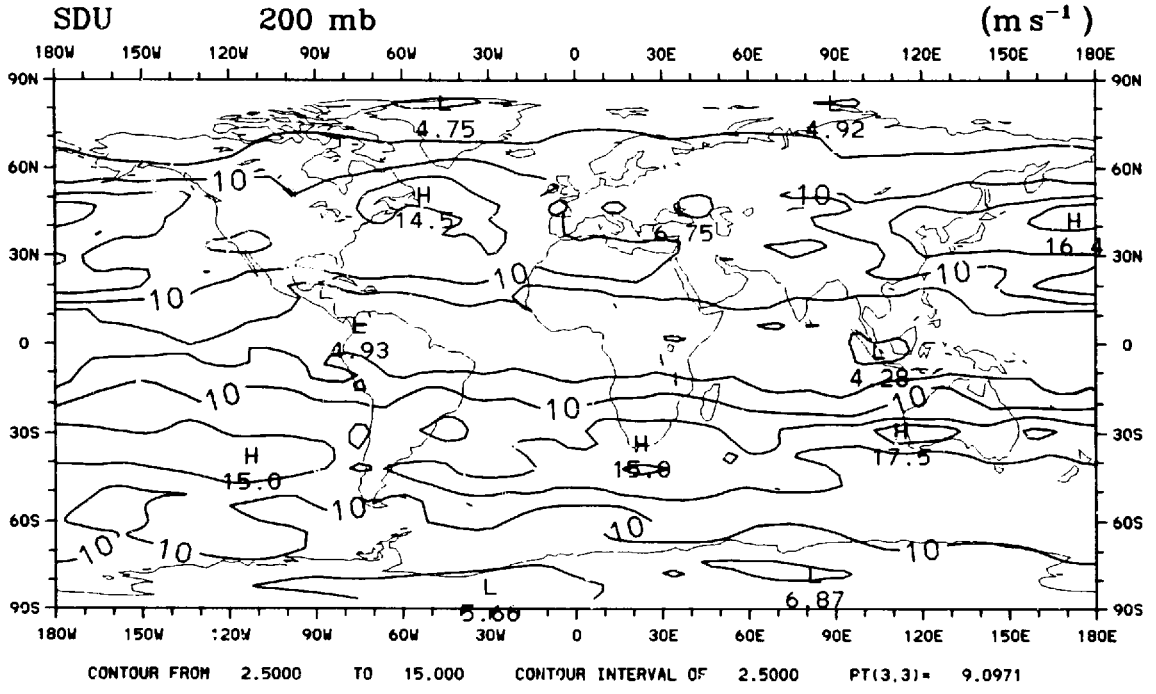
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



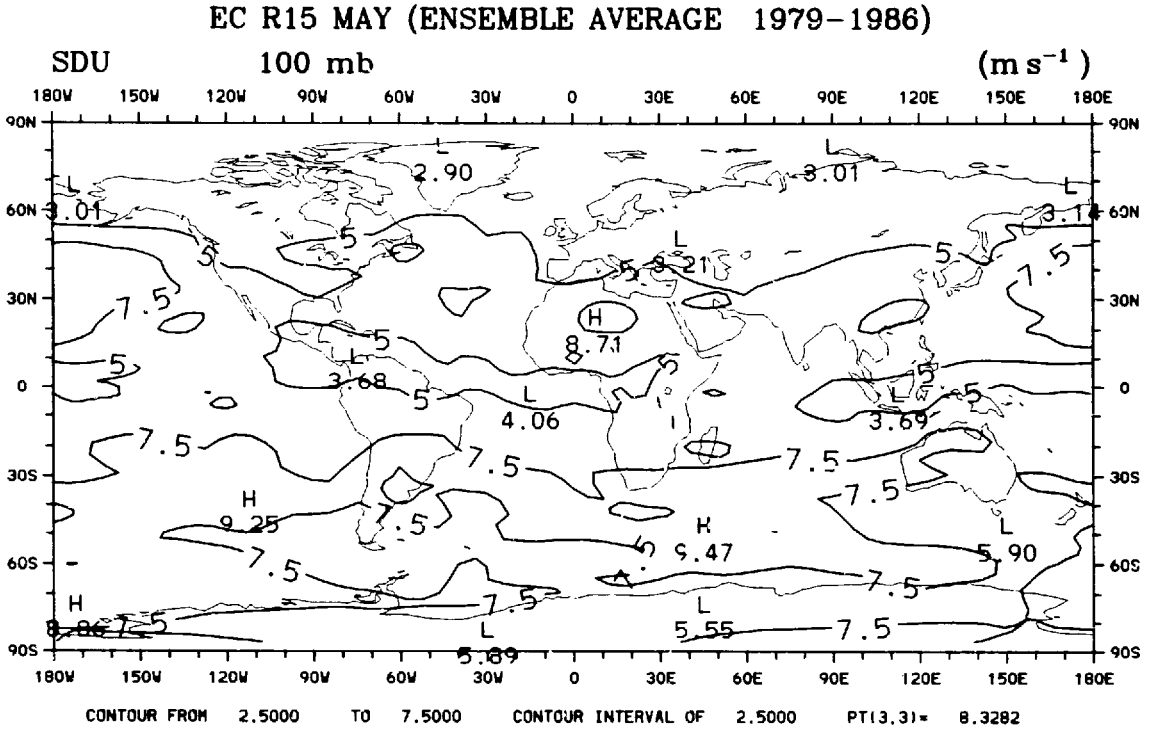

CONTOUR FROM 2.5000 TO 17.500 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 10.455

FRAME 2.5

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

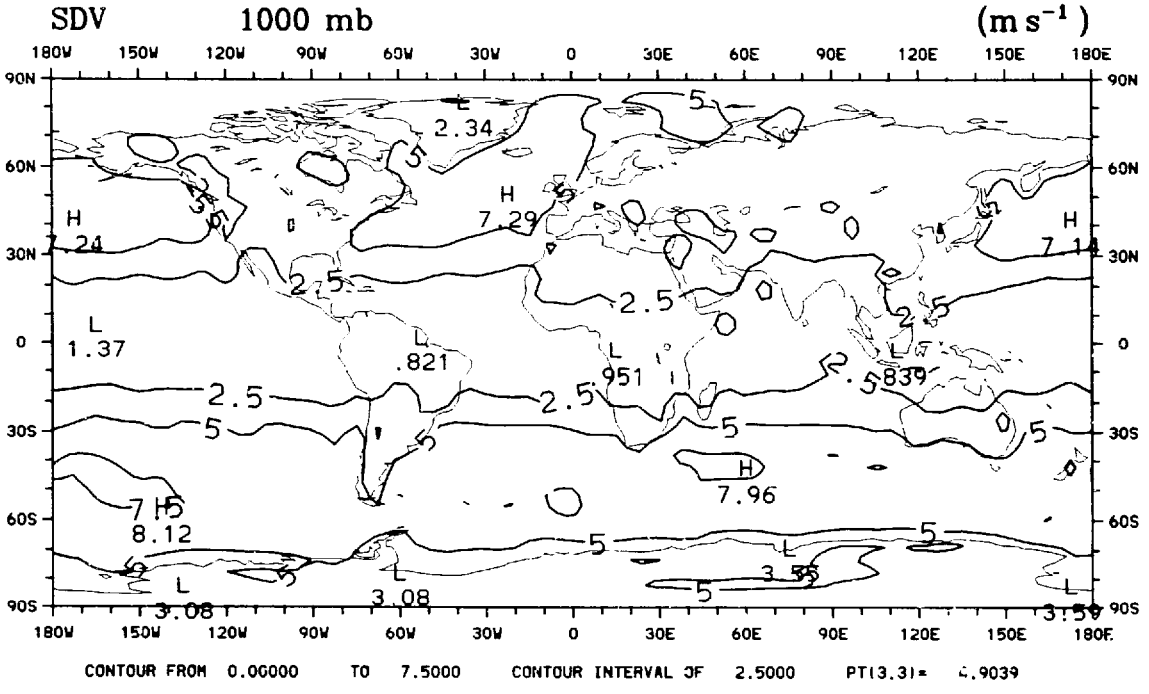



FRAME 2.6


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDU
100 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
2.90
3.01
3.01
3.14
5.21
8.71
3.68
4.06
3.69
9.25
9.47
5.90
5.55
5.89
7.5
5
CONTOUR FROM 2.5000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 8.3282

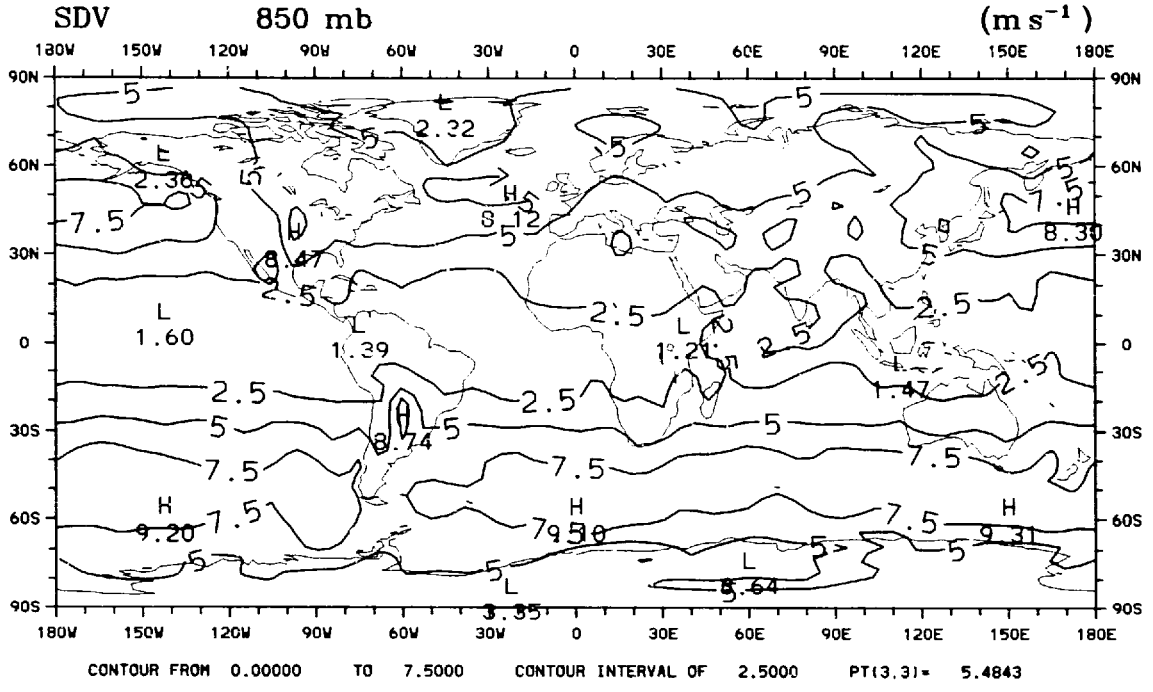
FRAME 2.7

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

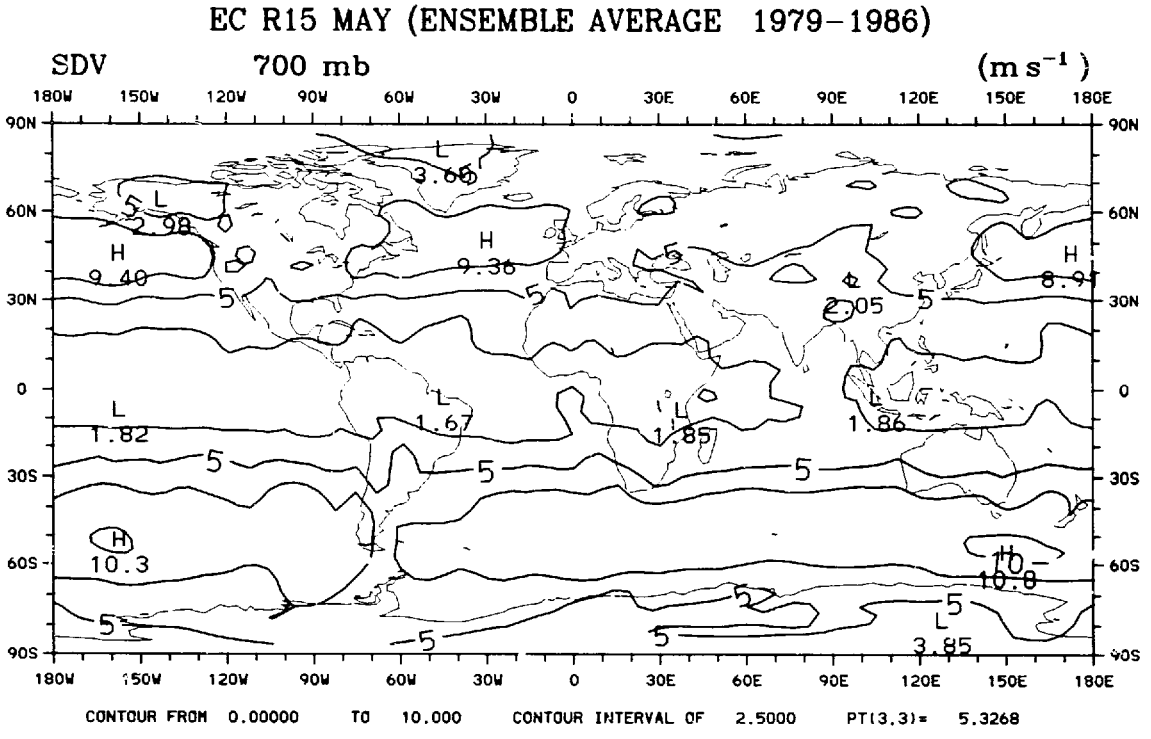



FRAME 2.8

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

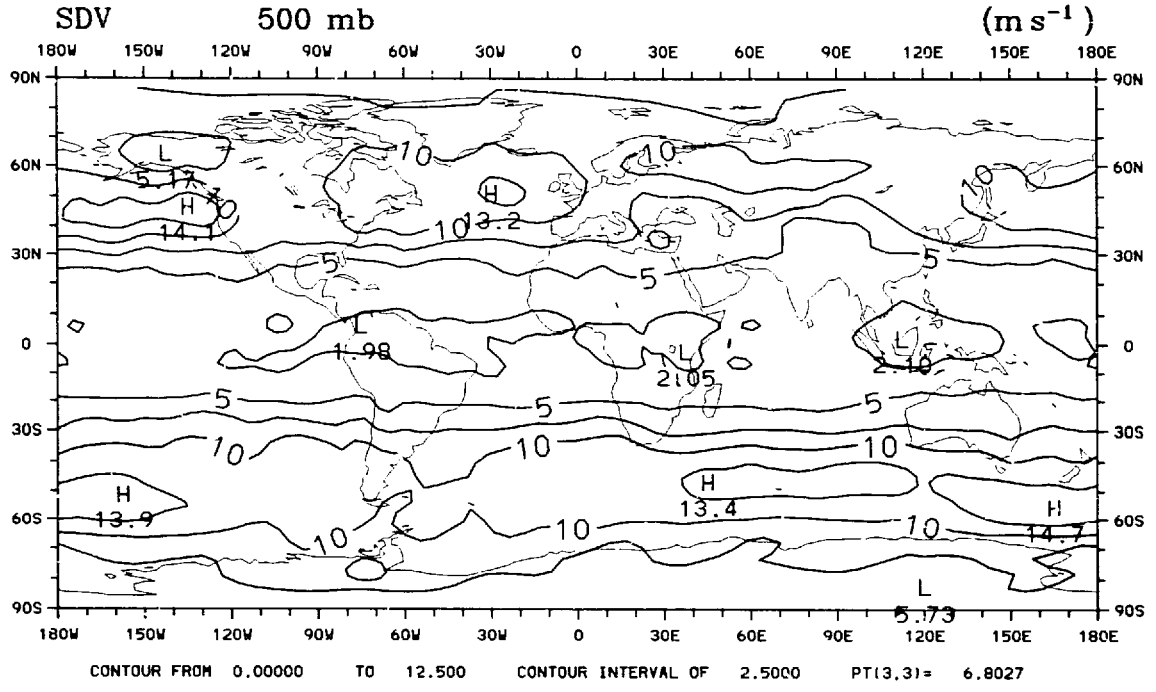



FRAME 2.9


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDV
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L 3.66
L 5.98
H 9.40
H 9.36
H 8.91
2.05
L 1.82
L 1.67
L 1.85
L 1.86
H 10.3
H 10.8
L 3.85
5
CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.3268

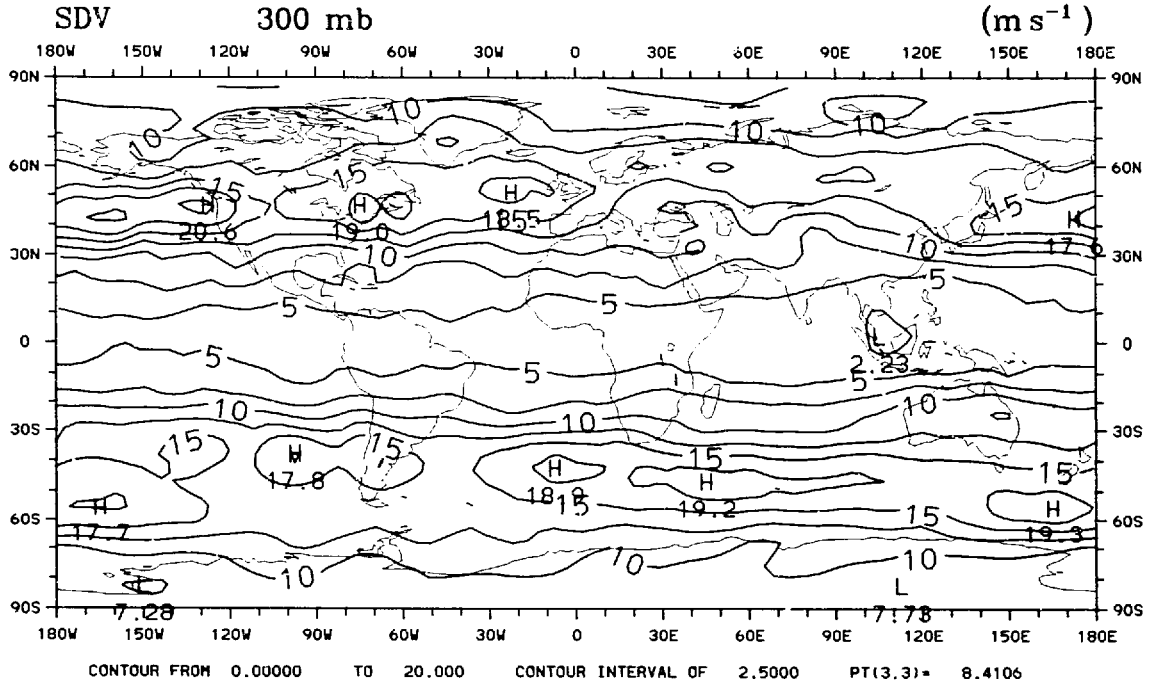
FRAME 2.10

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



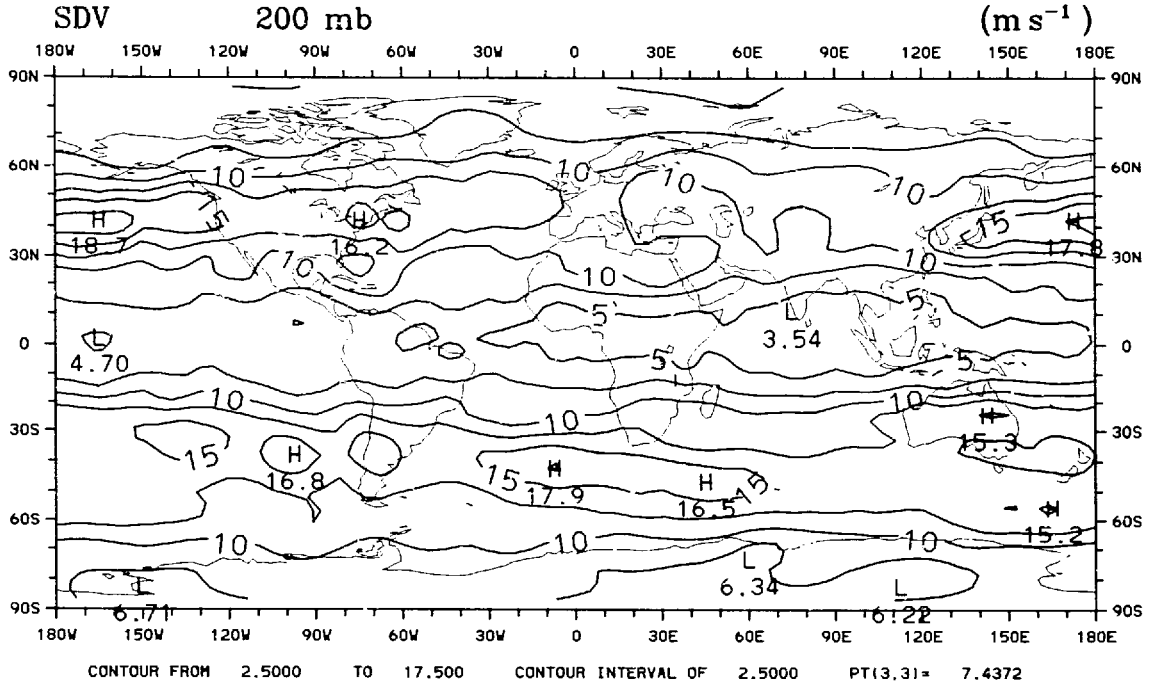

FRAME 2.11

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



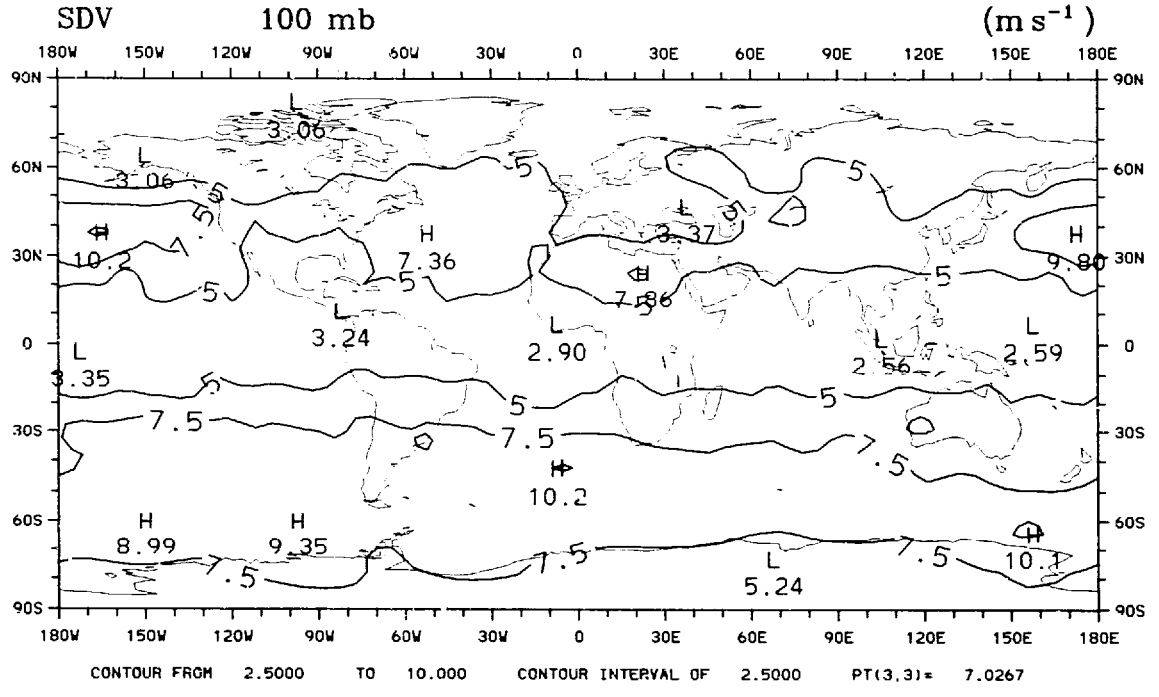

FRAME 2.12

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

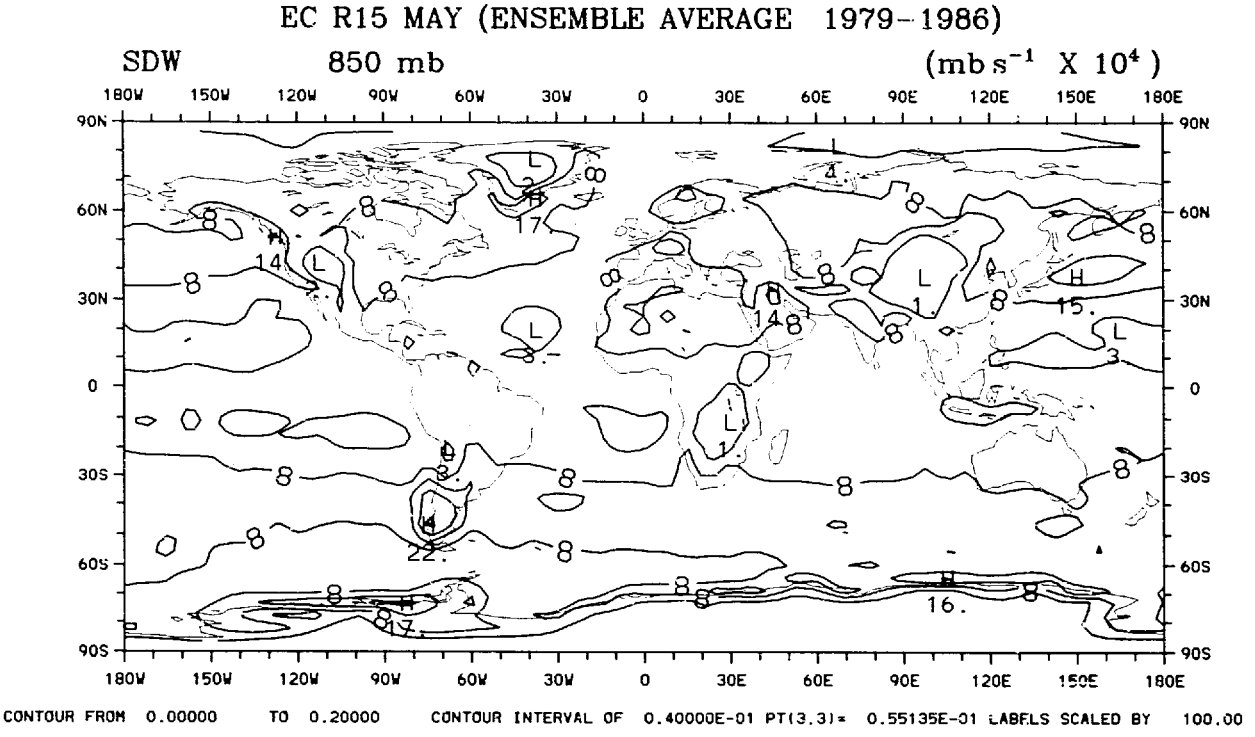



FRAME 2.13

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

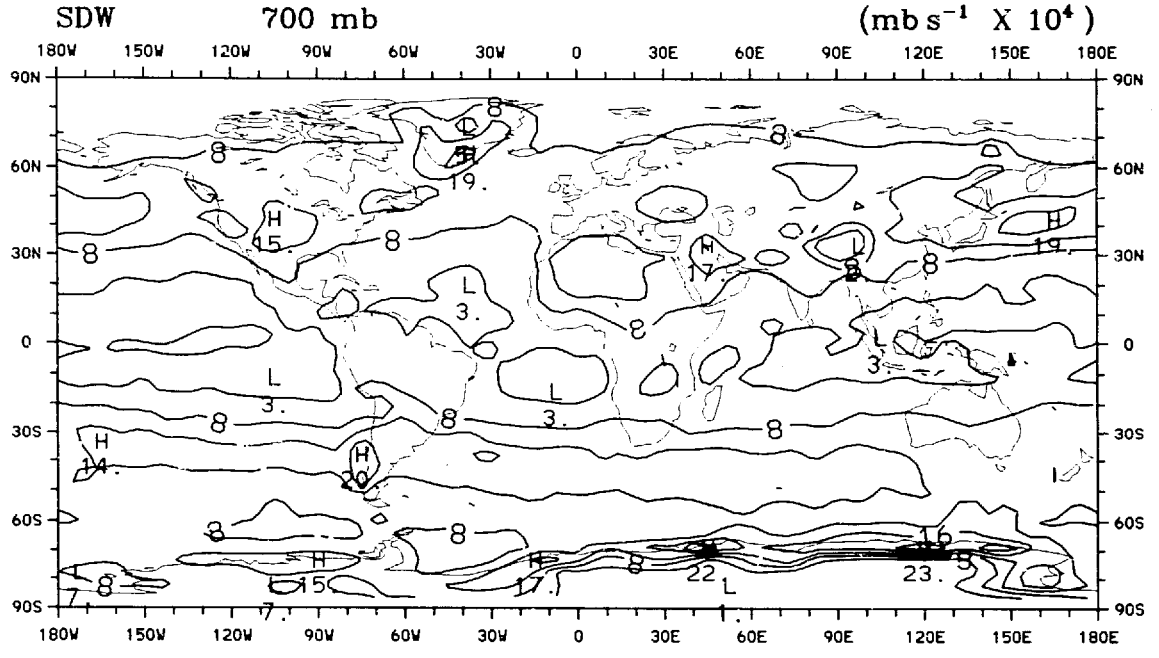



FRAME 2.14


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDW
850 mb
(mb s$^{-1}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.55135E-01 LABELS SCALED BY 100.00

FRAME 2.15

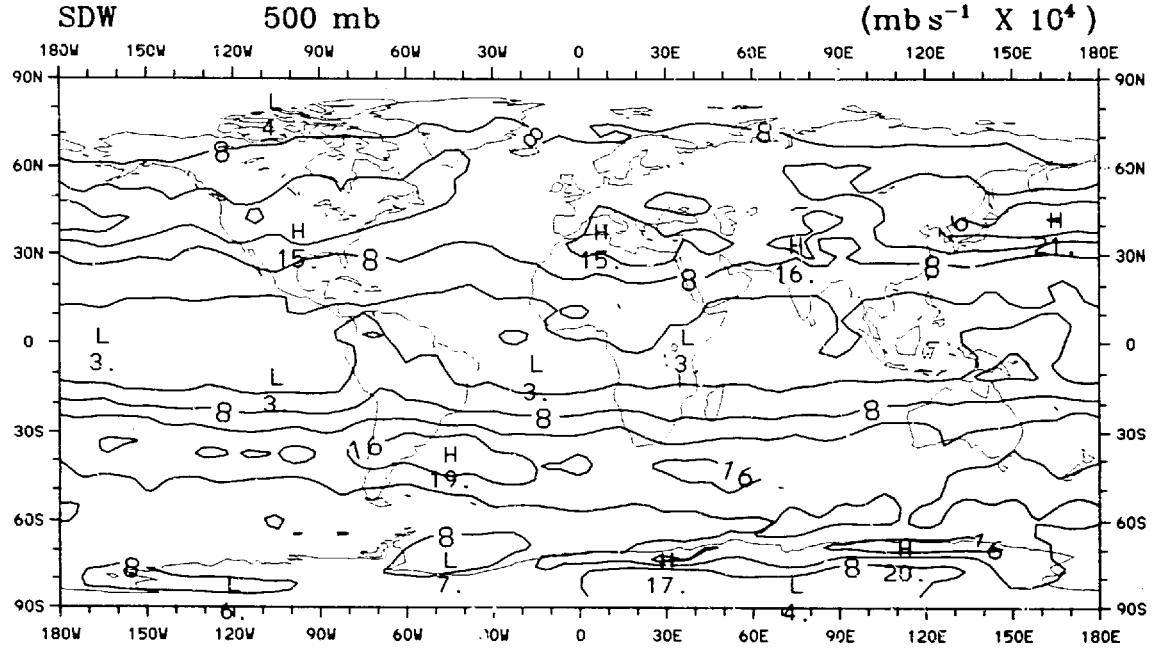
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.73172E-01 LABELS SCALED BY 100.00

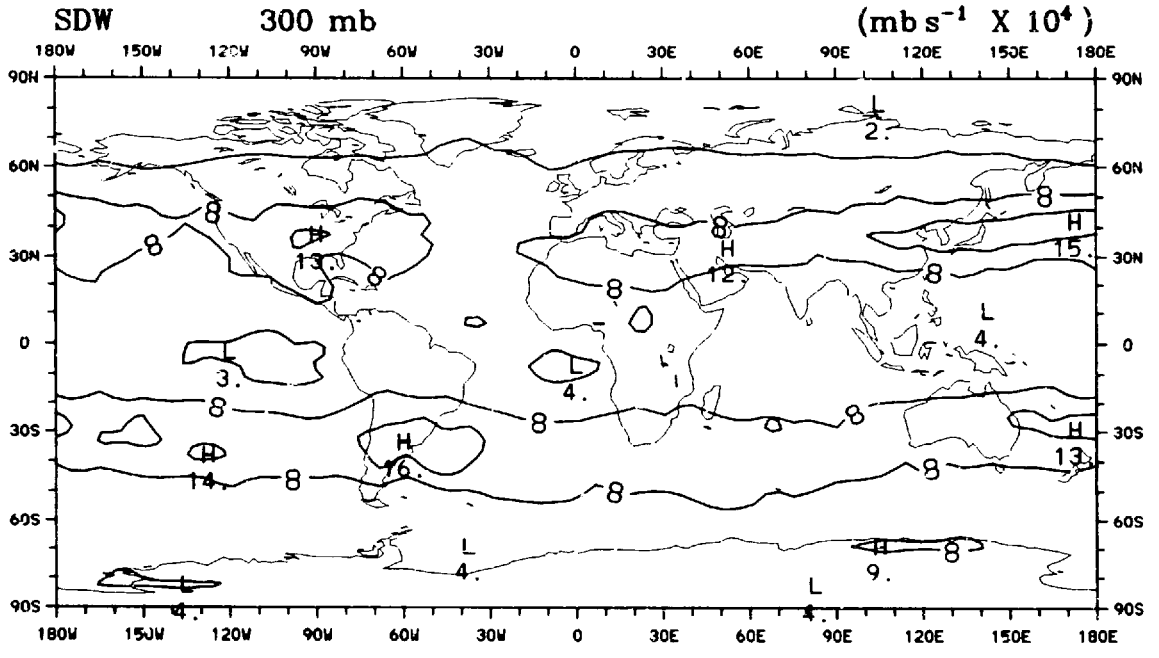
FRAME 2.16

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.17

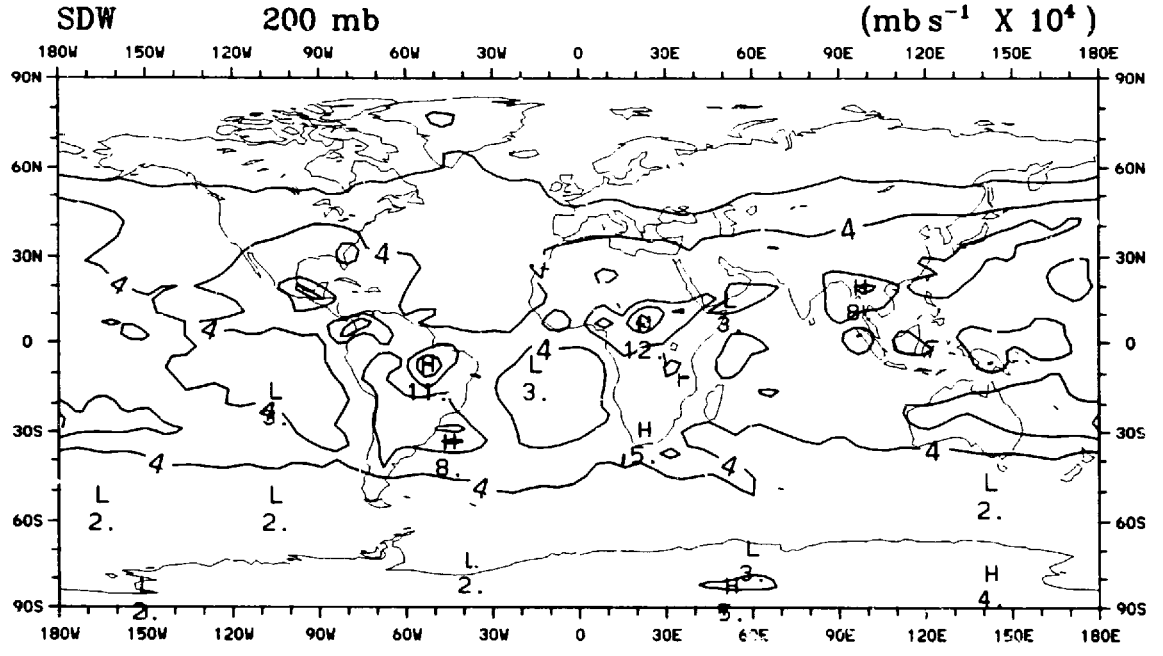
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.42756E-01 LABELS SCALED BY 100.00

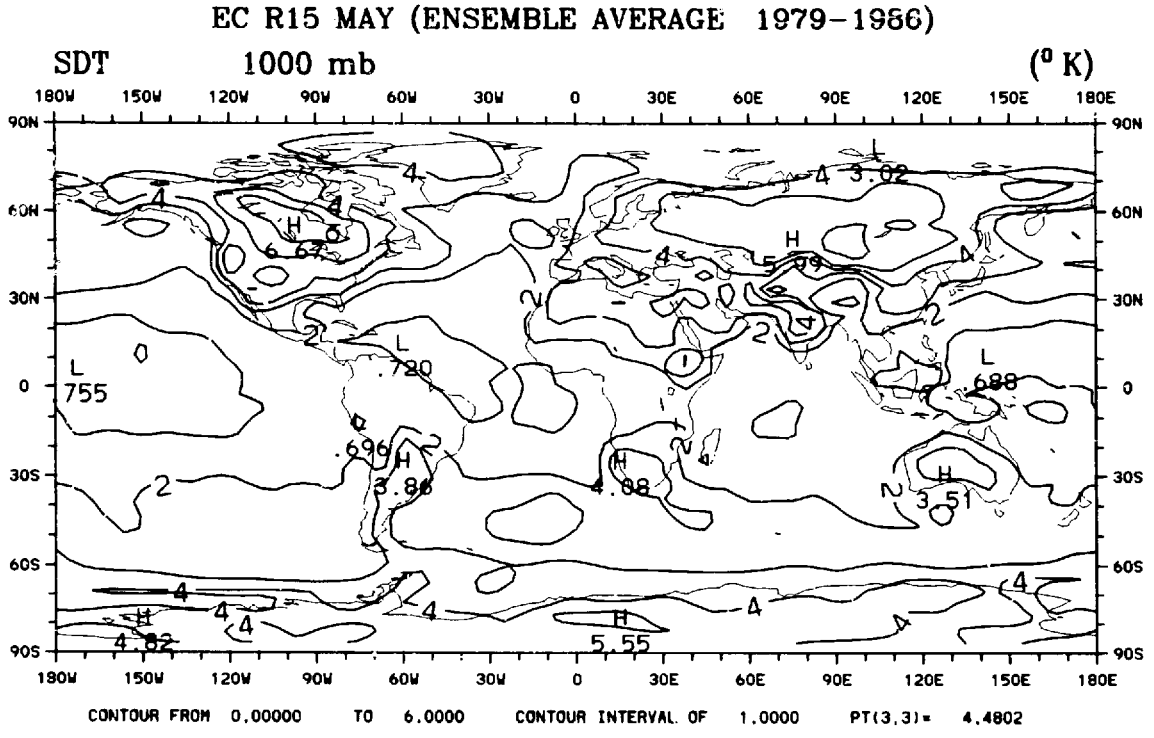
FRAME 2.18

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



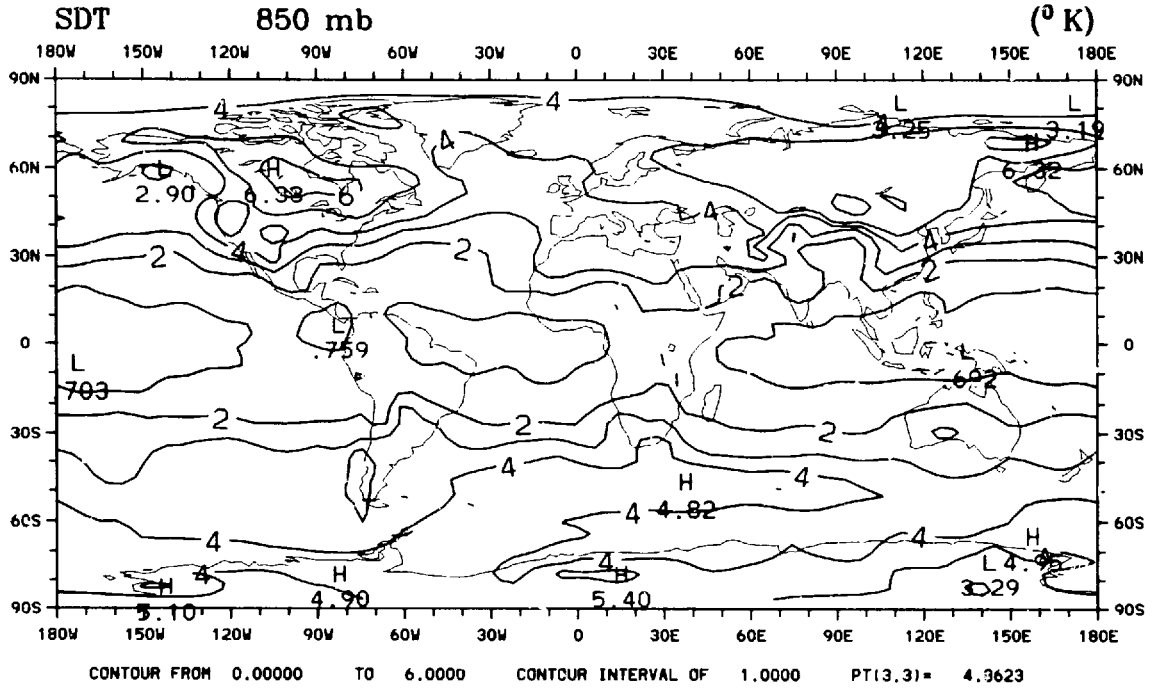

CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.25124E-01 LABELS SCALED BY 100.00

FRAME 2.19


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDT
1000 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
L 755
L .720
.696
H 3.86
H 4.88
H 3.51
H 4.82
H 5.55
L 3.02
H 5.09
L .688
CONTOUR FROM 0.00000 TO 6.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 4.4802

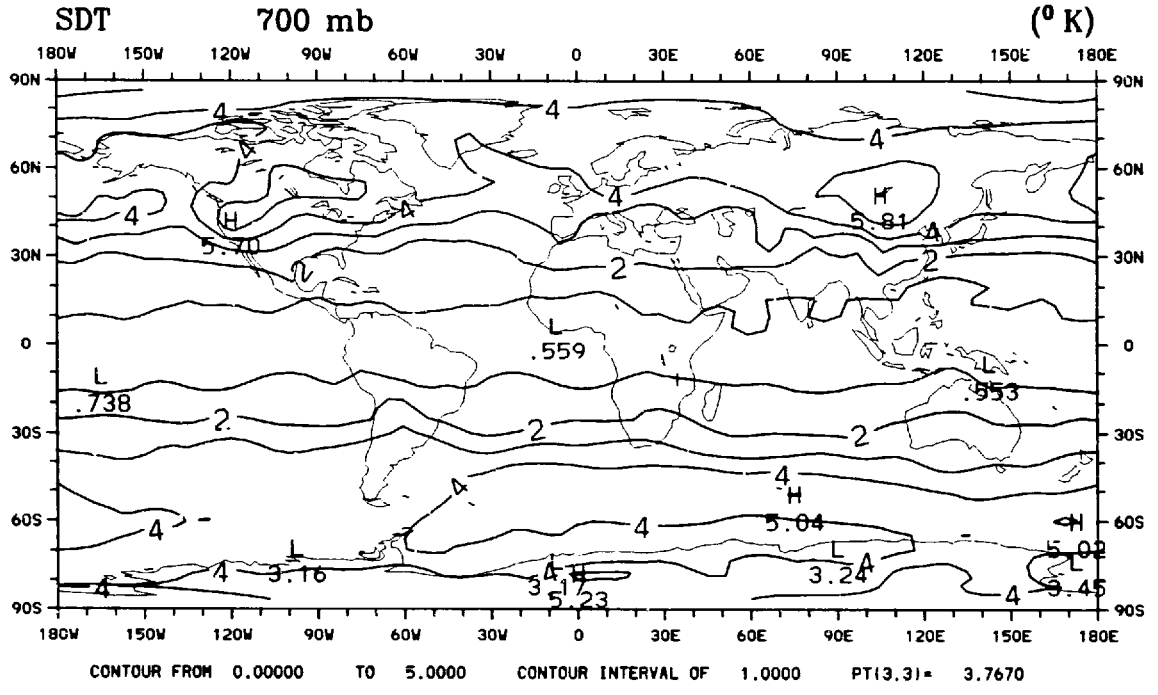
FRAME 2.20

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



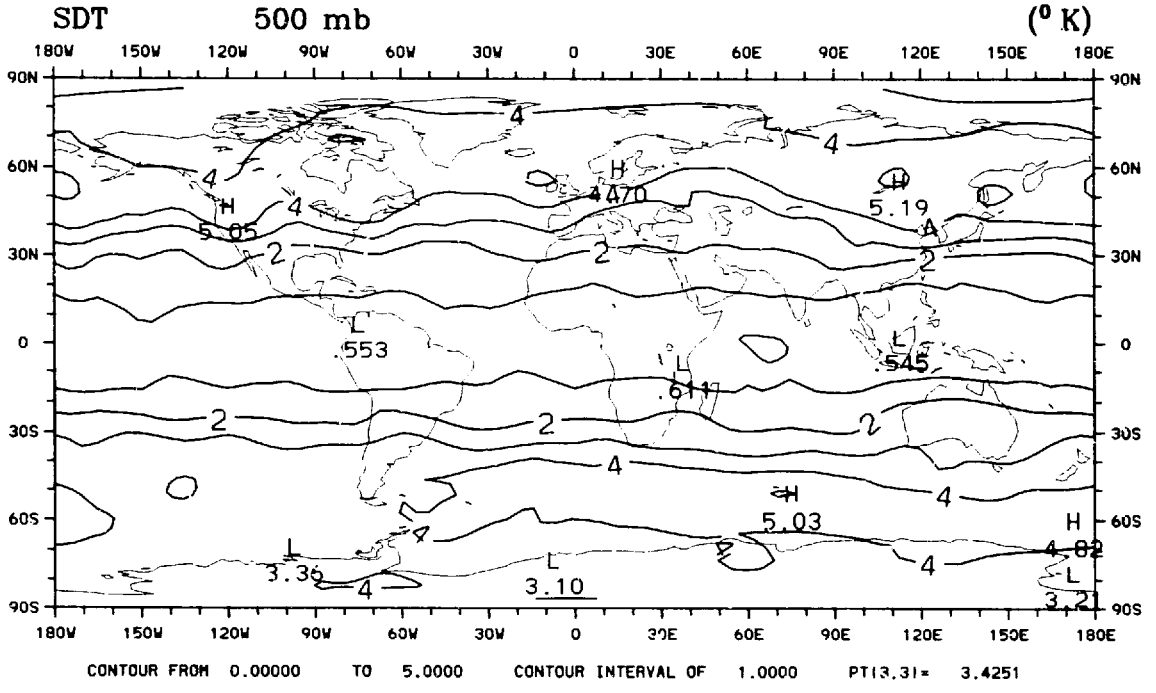

FRAME 2.21

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

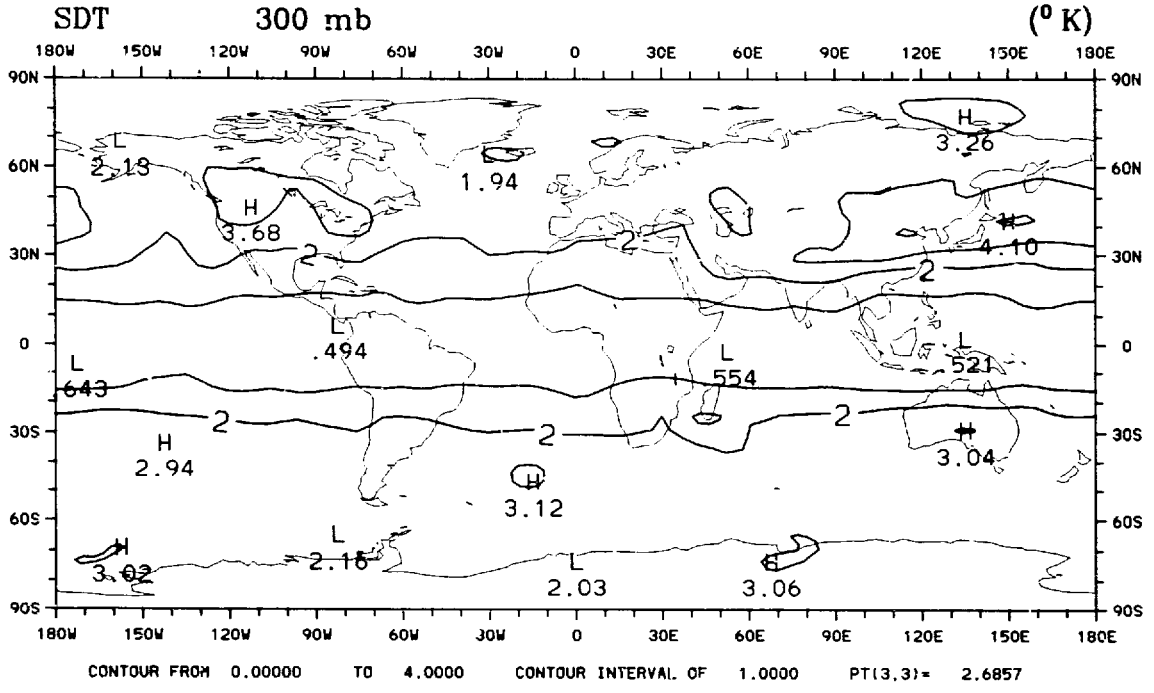



FRAME 2.22

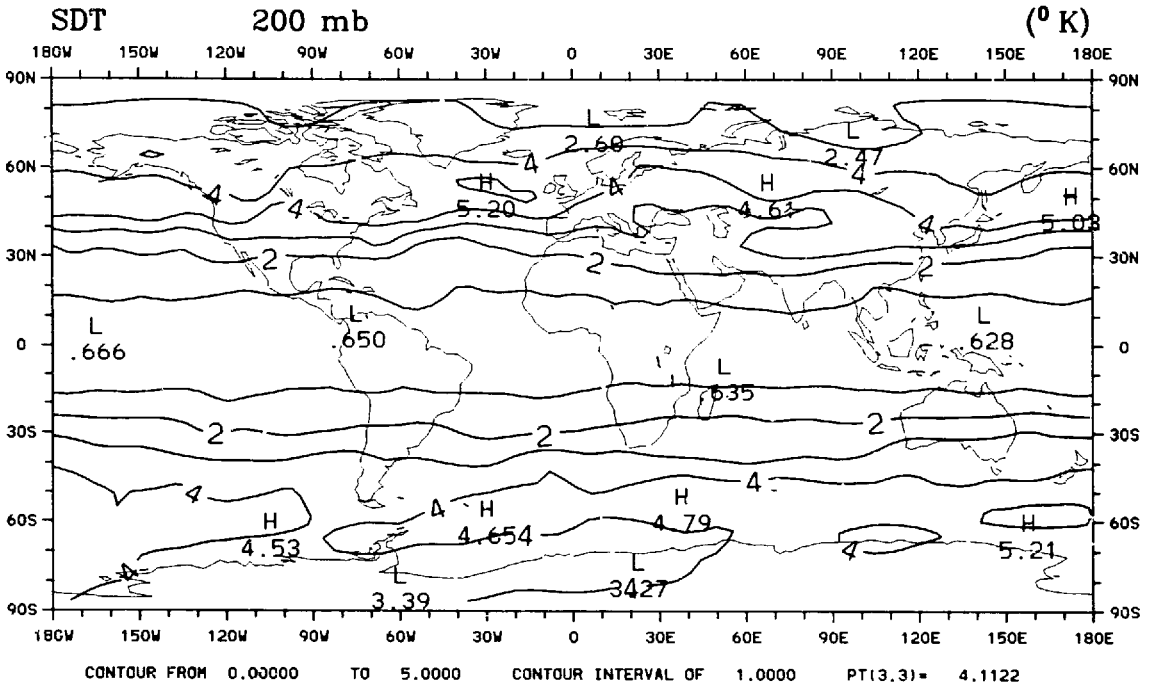
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.23

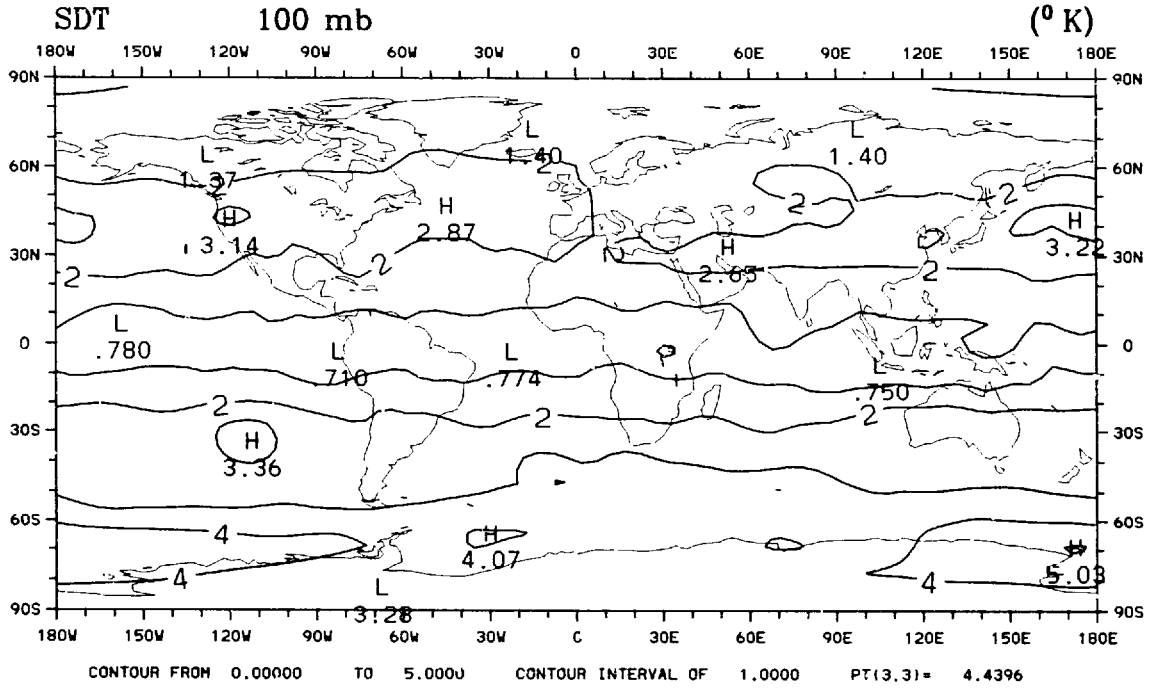

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDT
300 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
2.18
1.94
H
3.68
H
3.26
4.10
L
.494
L
643
L
554
L
521
H
2.94
3.12
H
3.04
H
3.02
L
2.16
L
2.03
3.06
2
CONTOUR FROM 0.00000 TO 4.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 2.6857

FRAME 2.24


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDT
200 mb
(0 K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
.666
L
.650
L
2.68
H
5.20
H
4.63
L
2.47
H
5.03
L
.628
L
.635
H
4.53
H
4.654
H
4.79
L
3.39
L
3427
H
5.21
CONTOUR FROM 0.00000 TO 5.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 4.1122

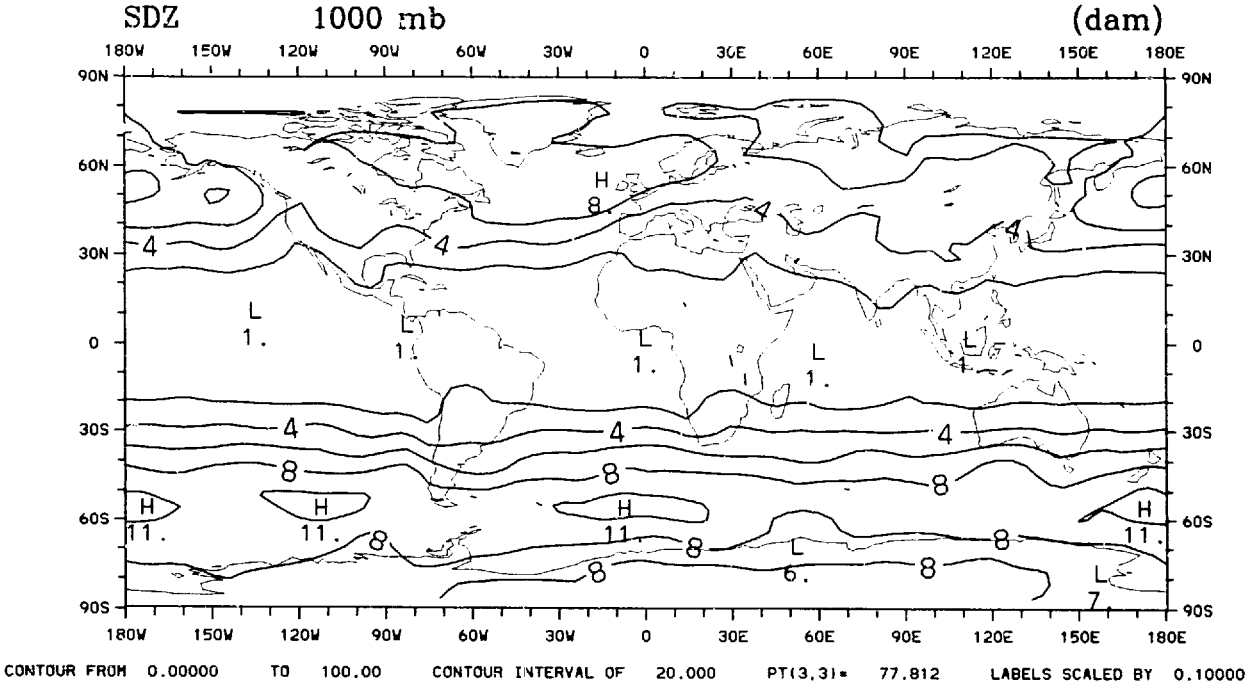
FRAME 2.25

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



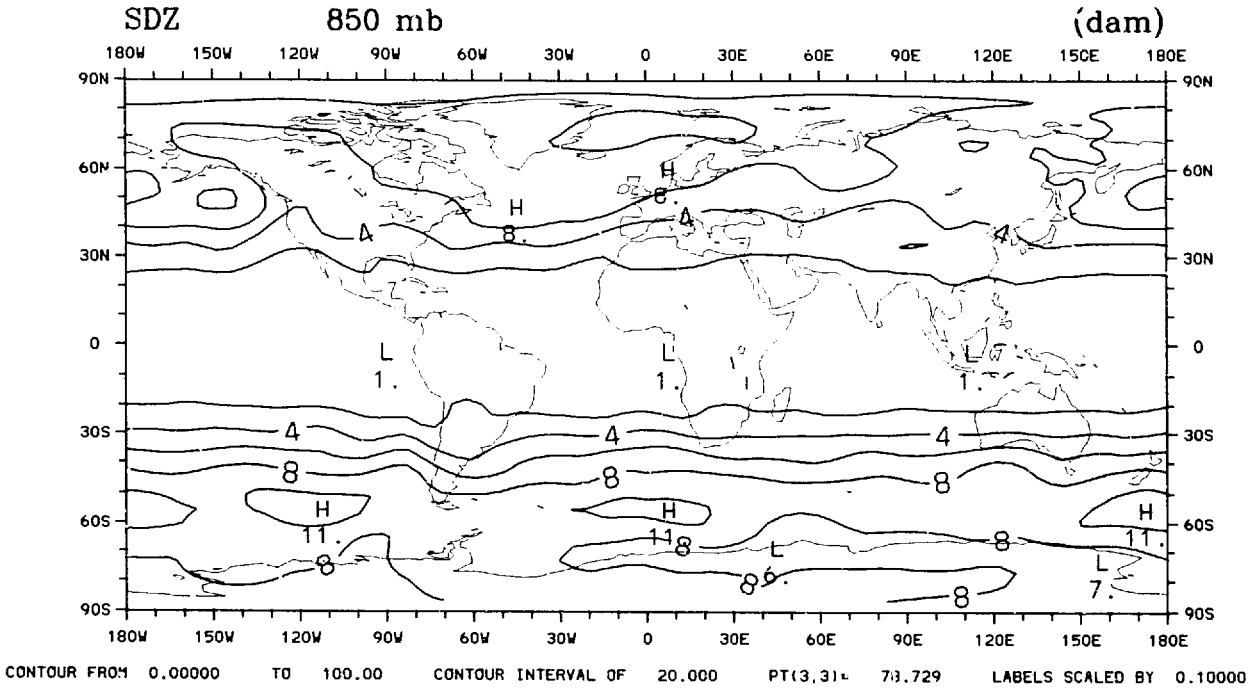

FRAME 2.26

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.27

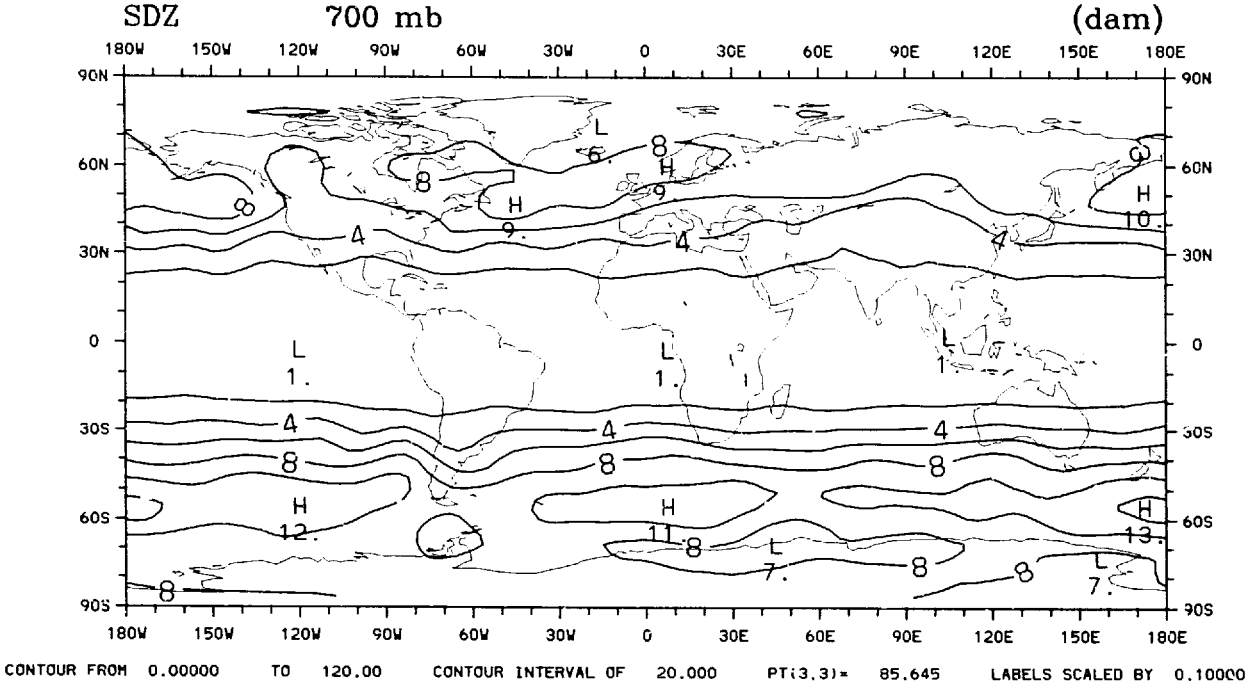
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



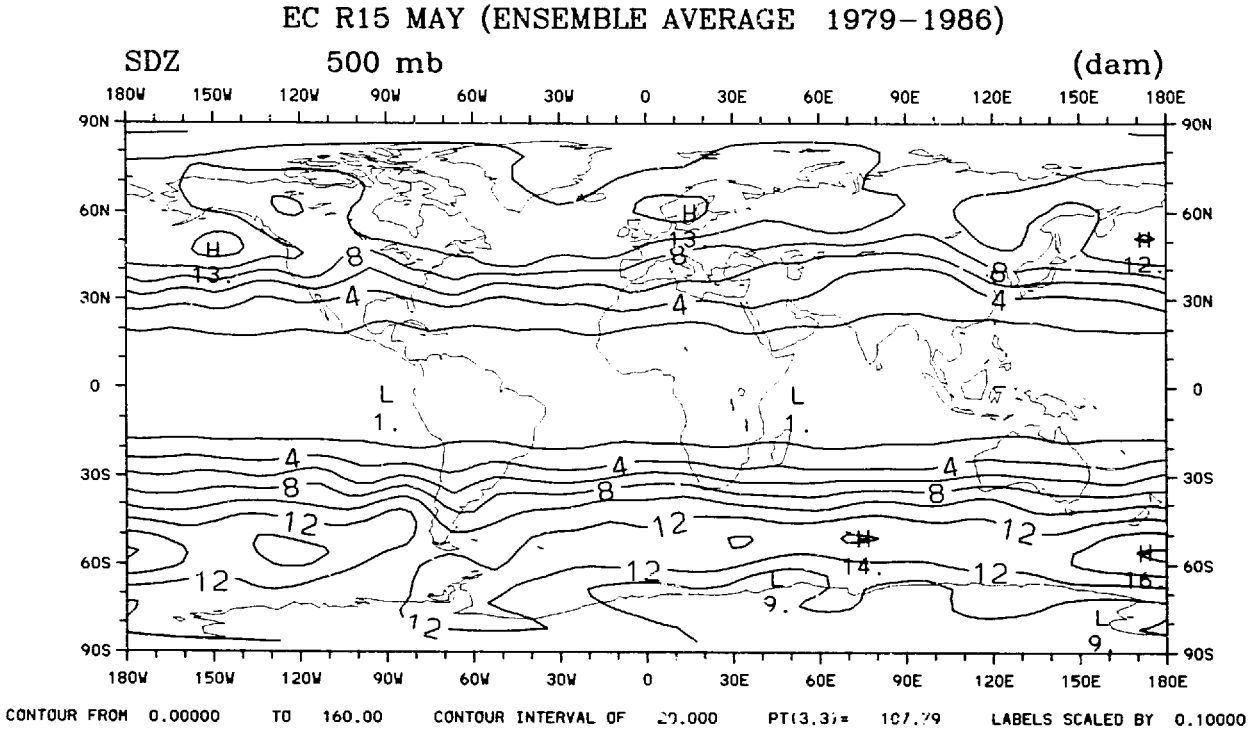

CONTOUR FROM 0.00000 TO 100.00 CONTOUR INTERVAL OF 20.000 PT(3,31[illegible] 73.729 LABELS SCALED BY 0.10000

FRAME 2.28

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

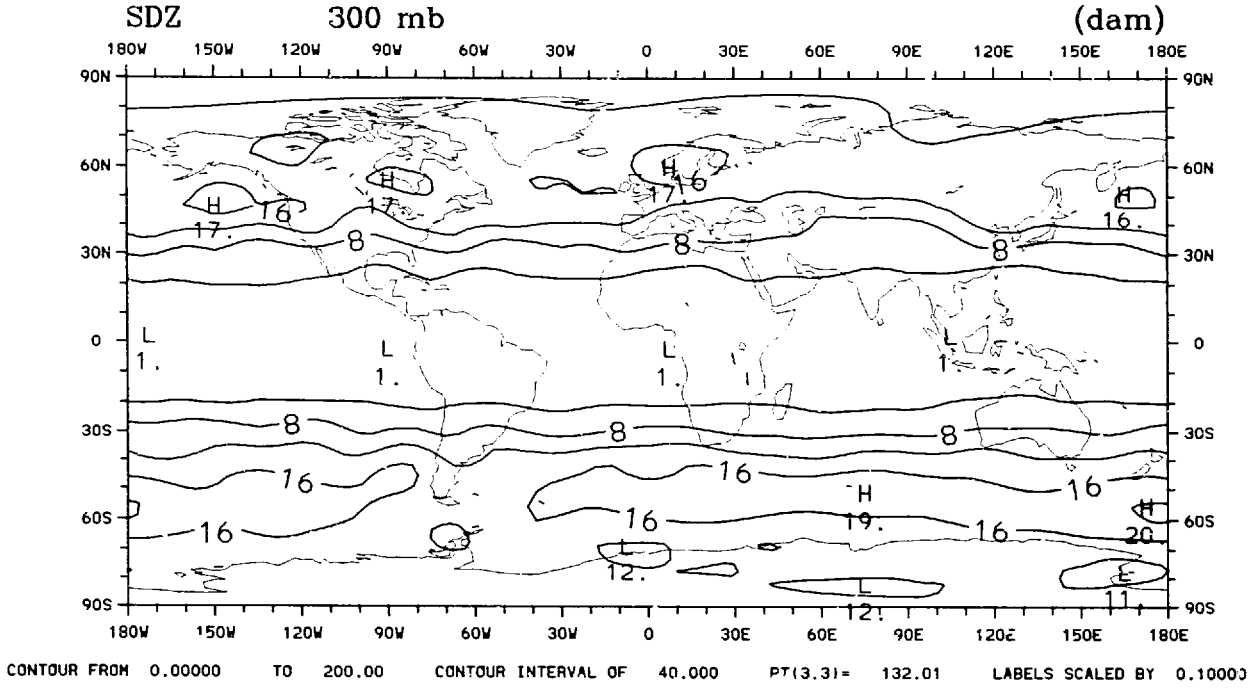



FRAME 2.29


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDZ
500 mb
(dam)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
13.
8
4
L
1.
12
14.
16.
9.
CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 20.000 PT(3.3)= 107.79 LABELS SCALED BY 0.10000

FRAME 2.30

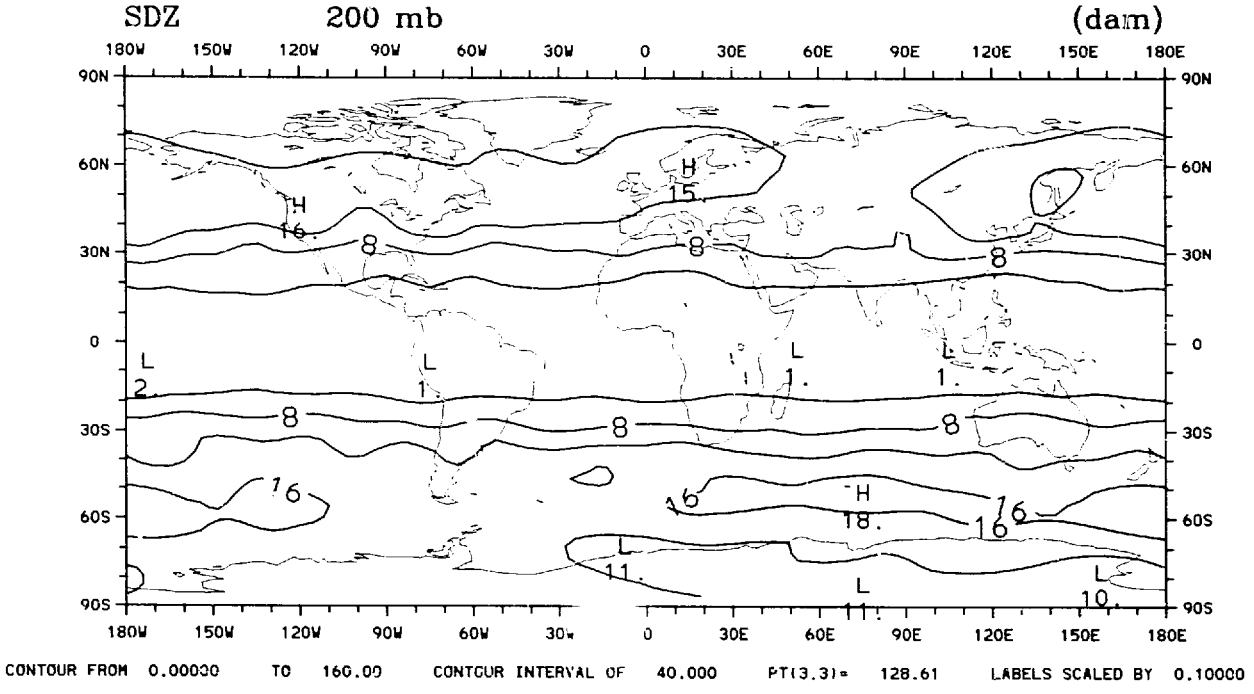
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 132.01 LABELS SCALED BY 0.10000

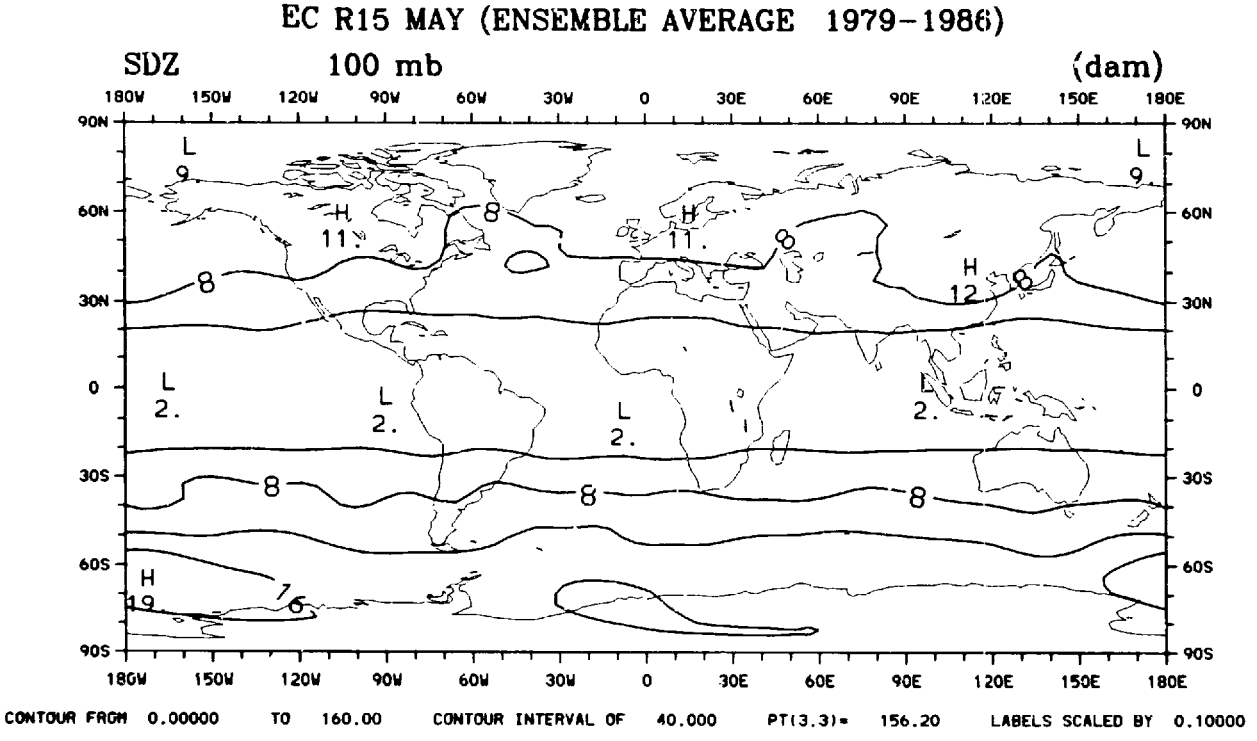
FRAME 2.31

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



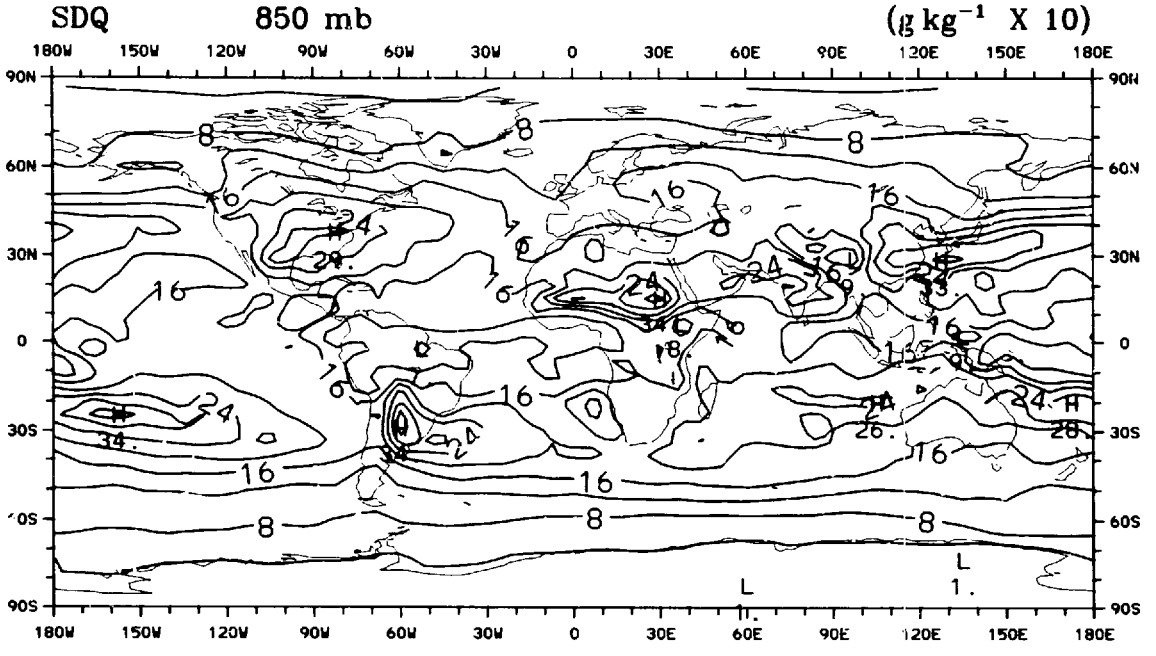

CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 128.61 LABELS SCALED BY 0.10000

FRAME 2.32


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
SDZ
100 mb
(dam)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L 9
H 11.
8
H 11.
8
L 9
H 12
8
L 2.
L 2.
L 2.
L 2.
8
8
8
H 19
7
6
CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 156.20 LABELS SCALED BY 0.10000

FRAME 2.33

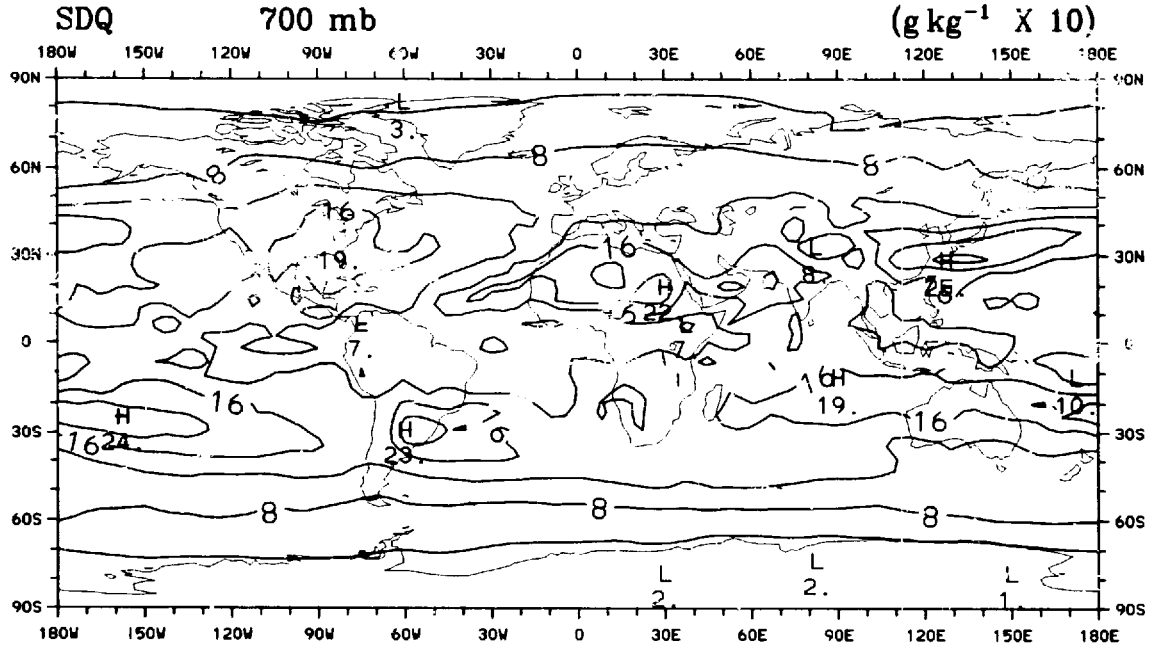
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.42232E-03 LABELS SCALED BY 10000.

FRAME 2.34

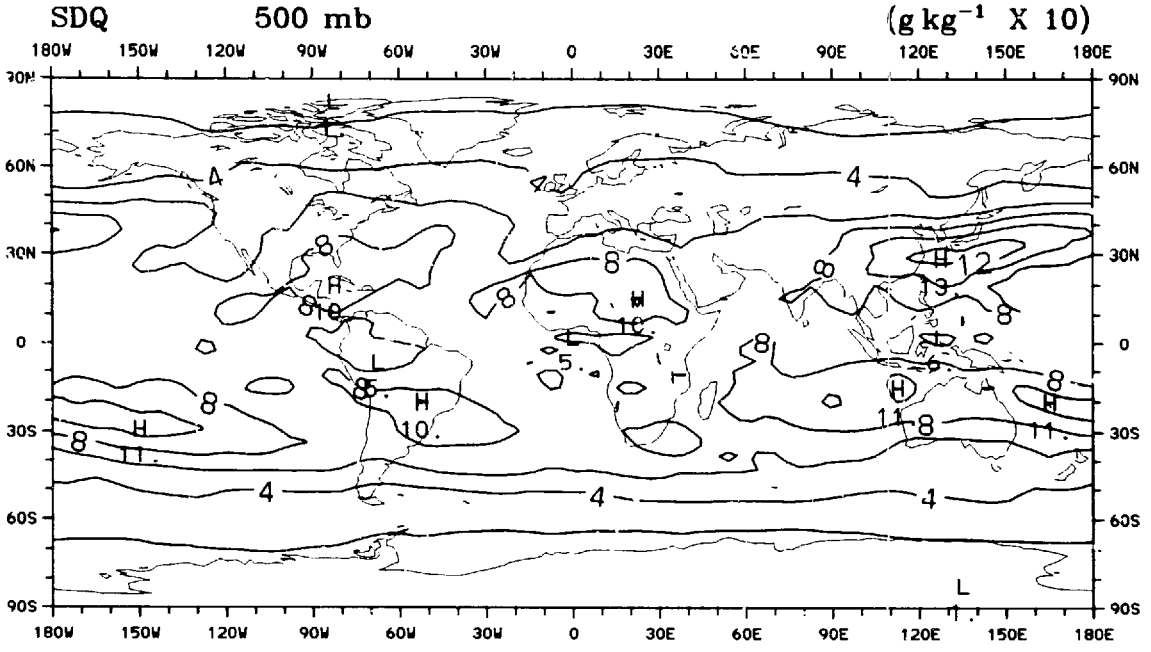
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.28619E-03 LABELS SCALED BY 10000.

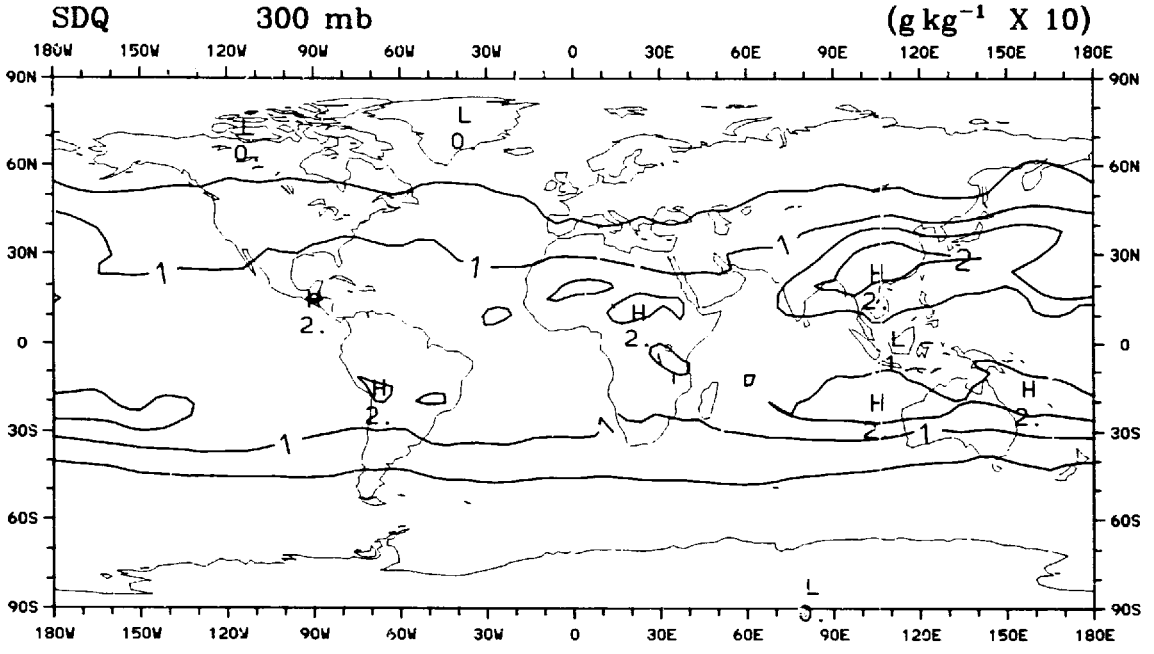
FRAME 2.35

EC R15 MAY (ENSEMBLE AVERAGE 1979--1986)




FRAME 2.36

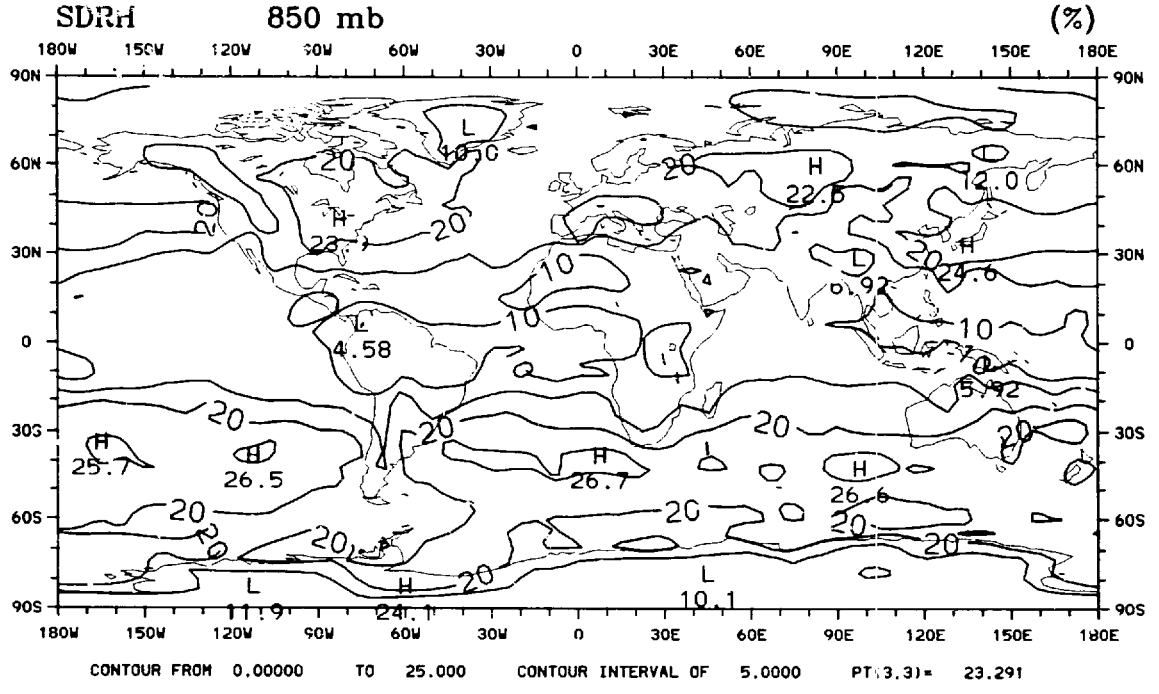
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.10969E-04 LABELS SCALED BY 10000.

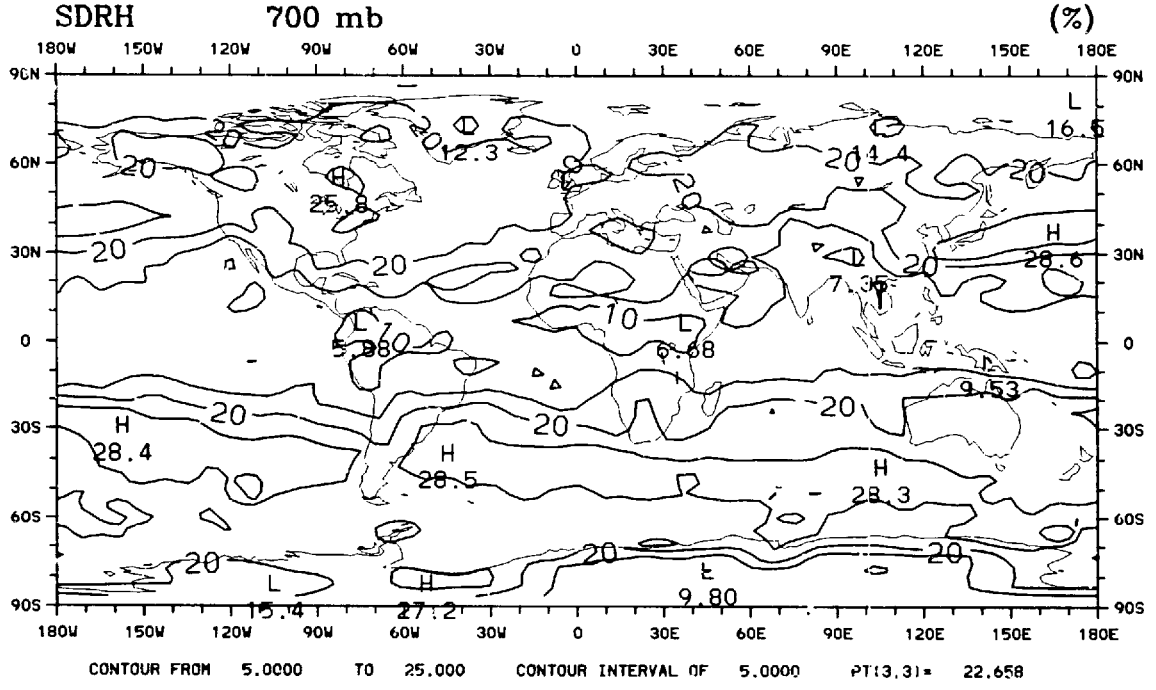
FRAME 2.37

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



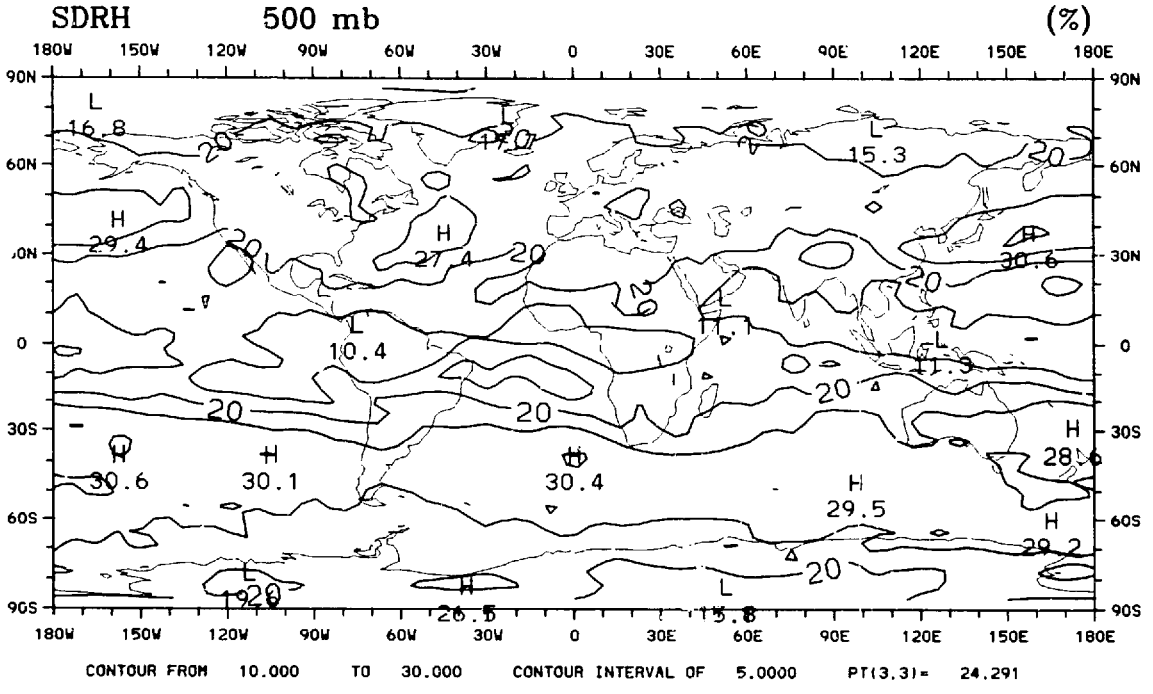

FRAME 2.38

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



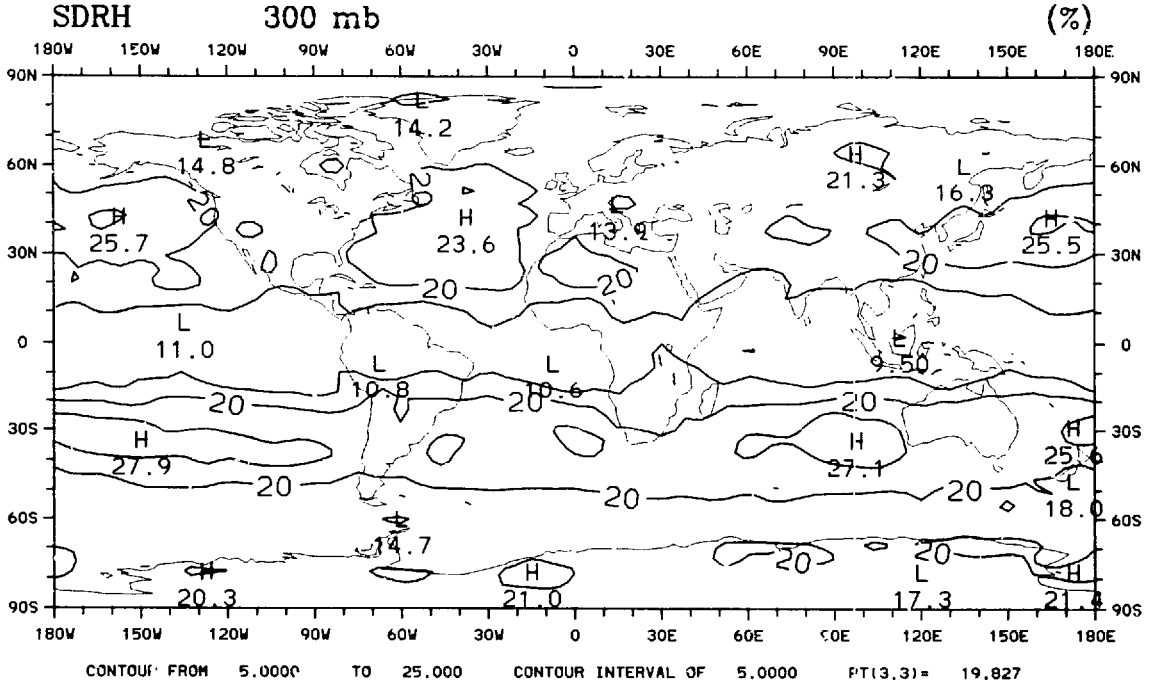

FRAME 2.39

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

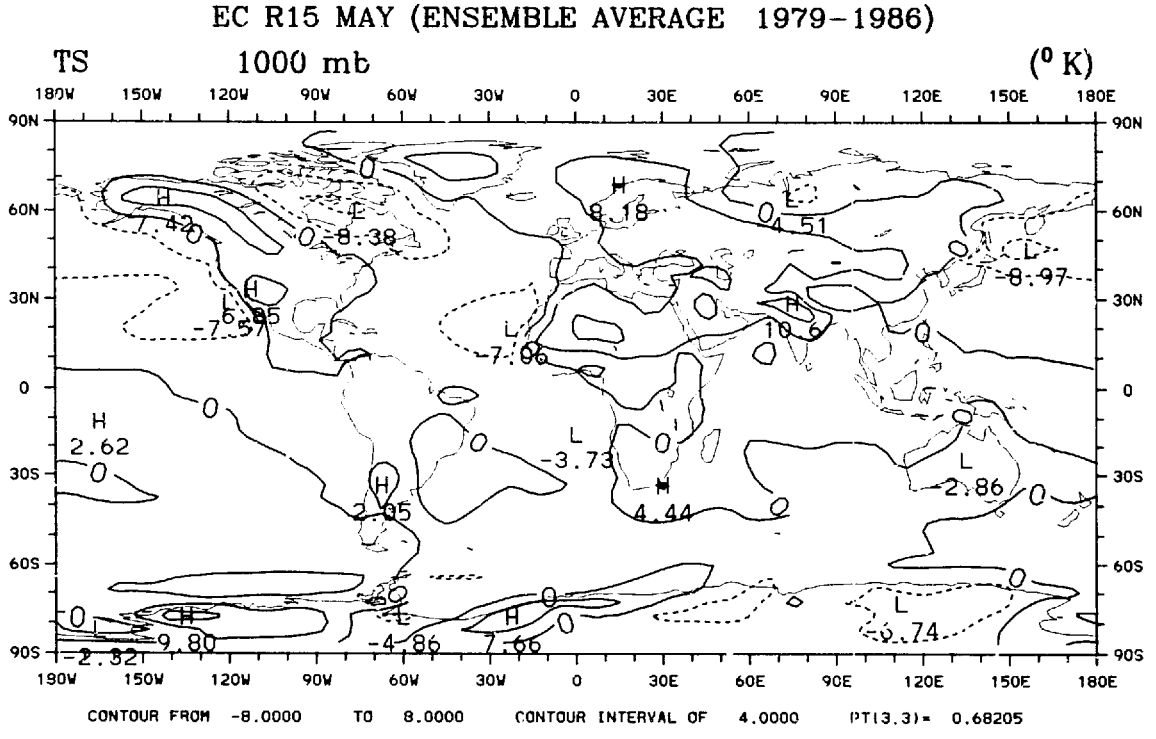



FRAME 2.40

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

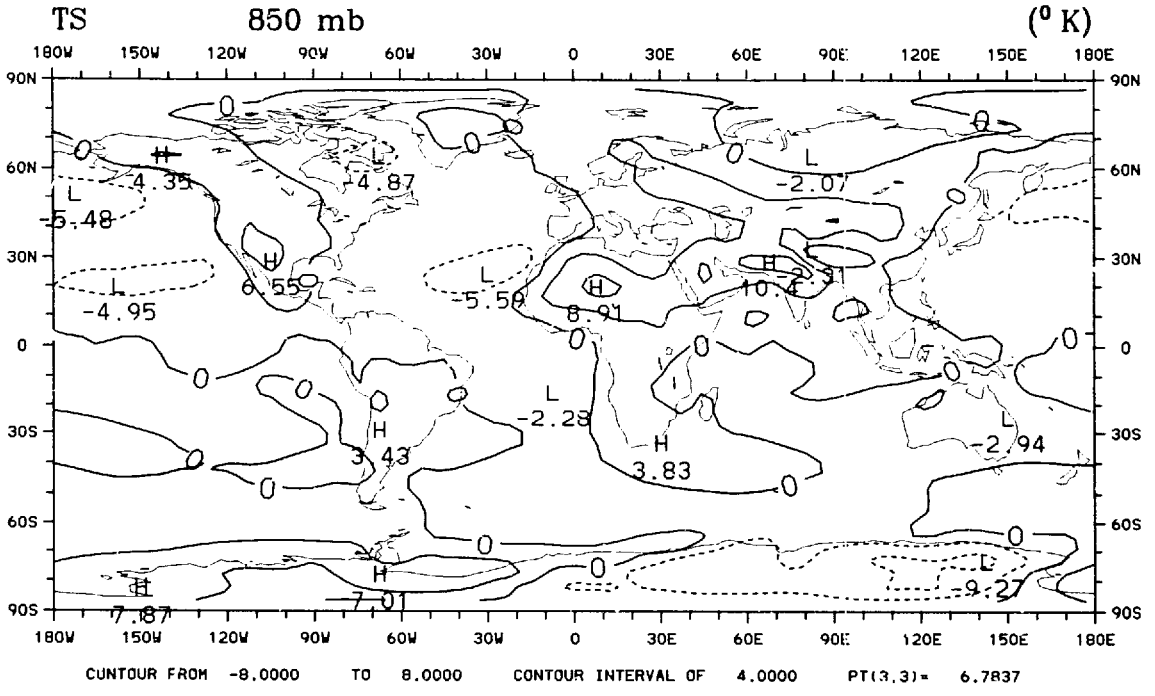



FRAME 2.41


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
TS
1000 mb
(0 K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 7.42
0 -8.38
H 8.18
L 4.51
L -8.97
H -6.95
-7.57
L -7.06
H 10.6
H 2.62
L -3.73
H 4.44
L -2.86
H 2.05
H 9.80
-2.82
-4.86
7.66
L -5.74
CONTOUR FROM -8.0000 TO 8.0000 CONTOUR INTERVAL OF 4.0000 PT(3,3)= 0.68205

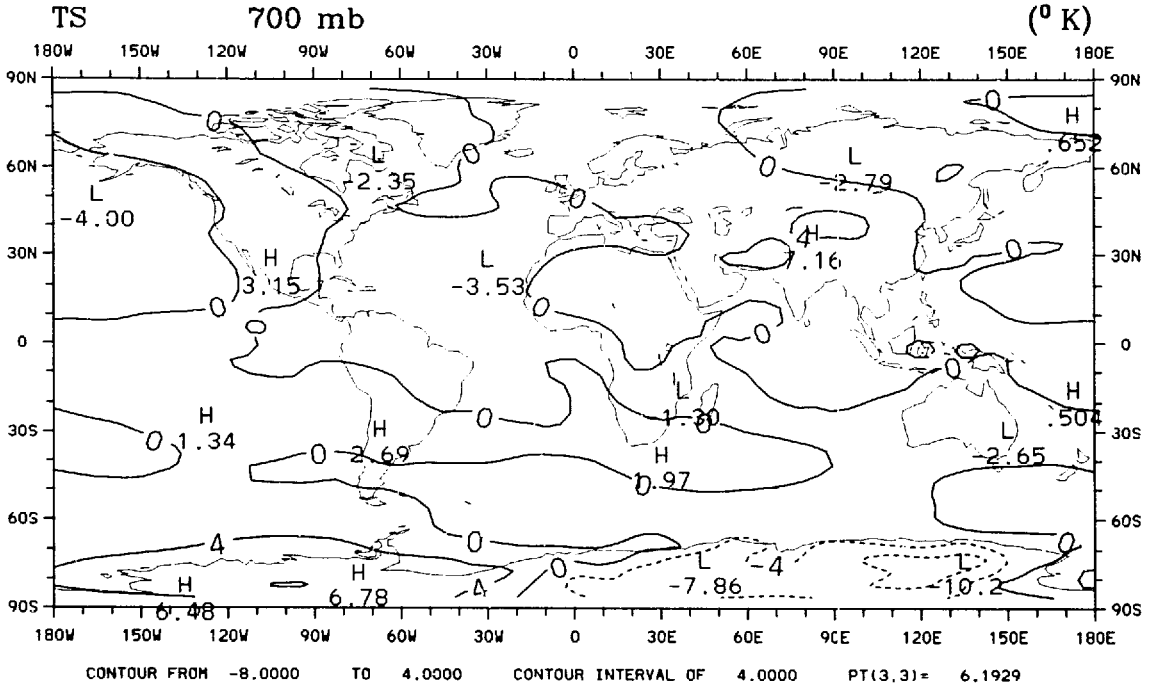
FRAME 2.42

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



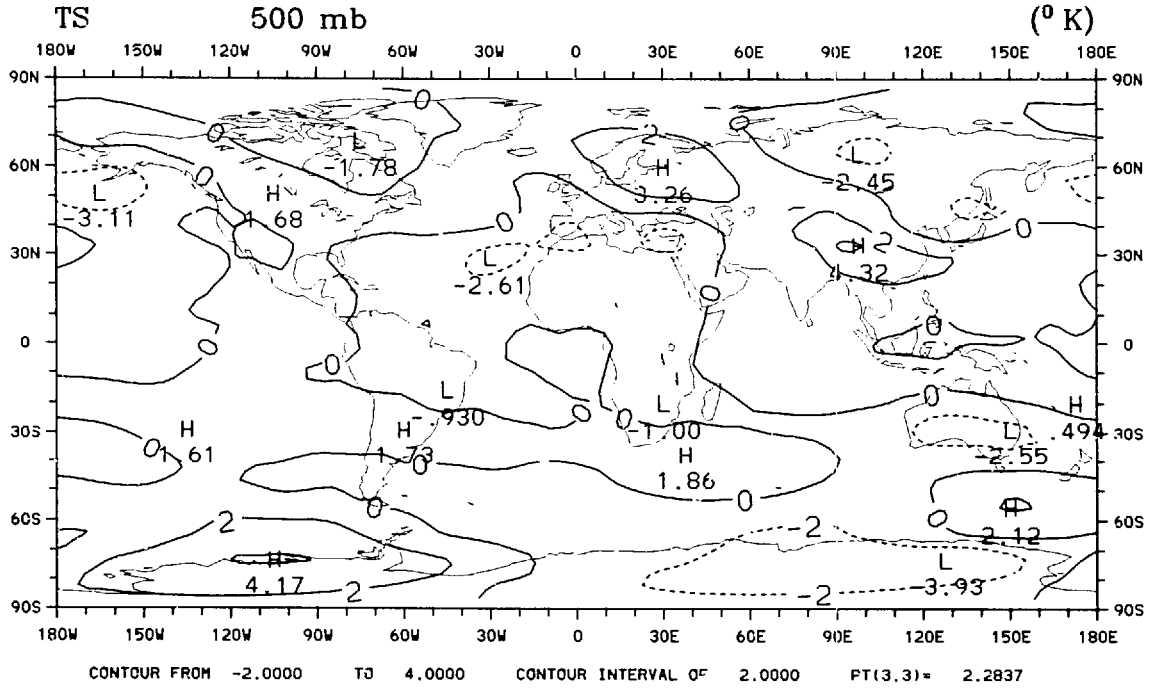

FRAME 2.43

EC R15 MAY (ENSEMBLE AVERAGE 1979--1986)



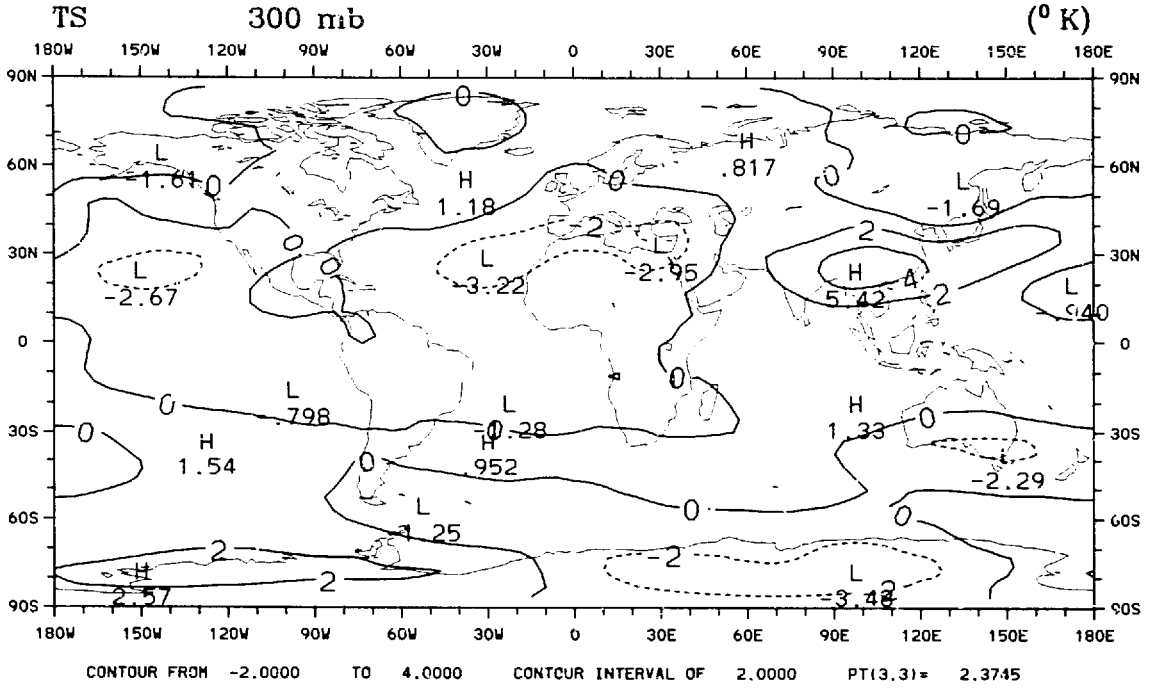

FRAME 2.44

EC R15 MAY (ENSEMBLE AVERAGE 1979--1986)



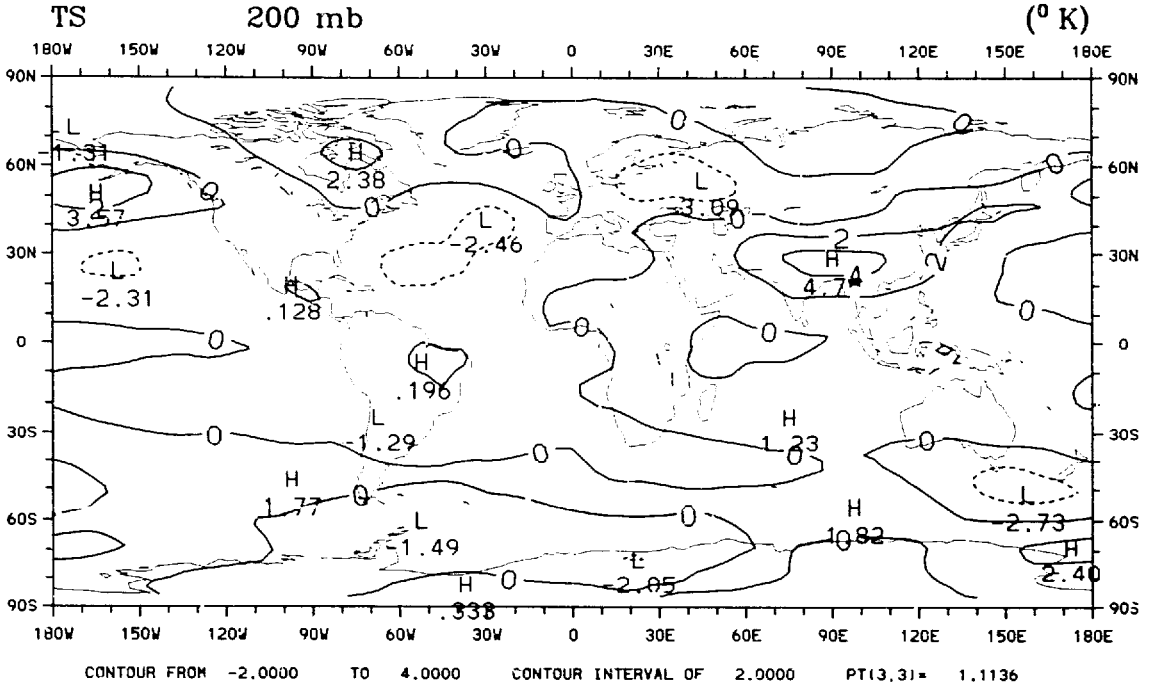

FRAME 2.45

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

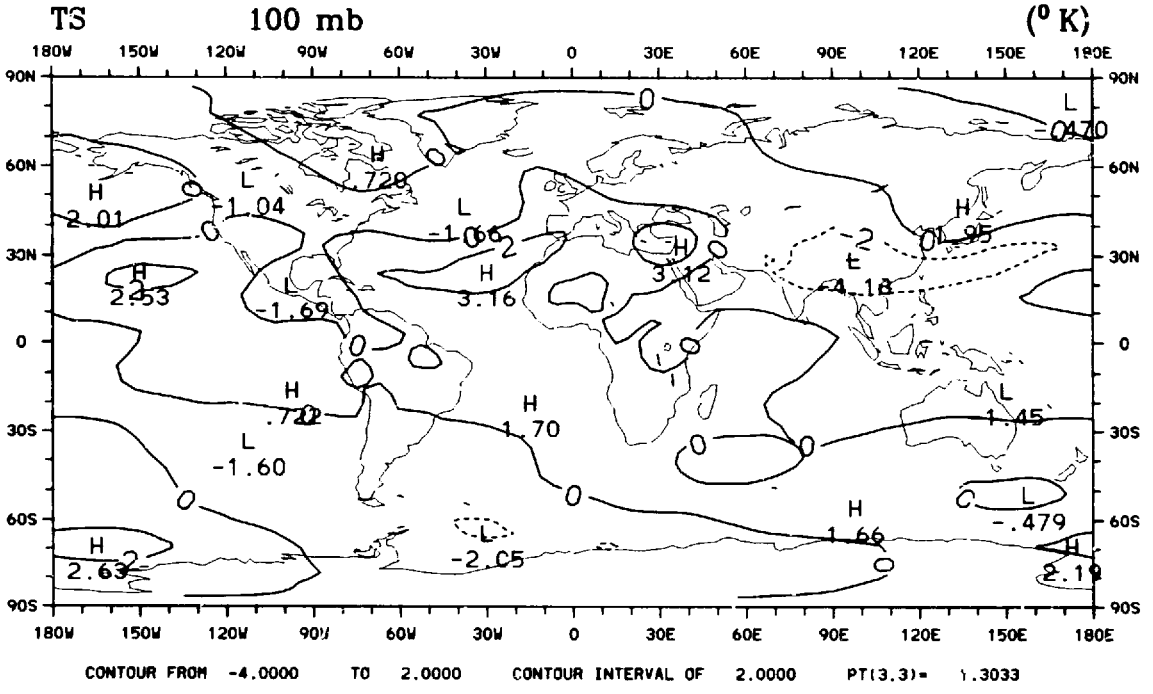



FRAME 2.46

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

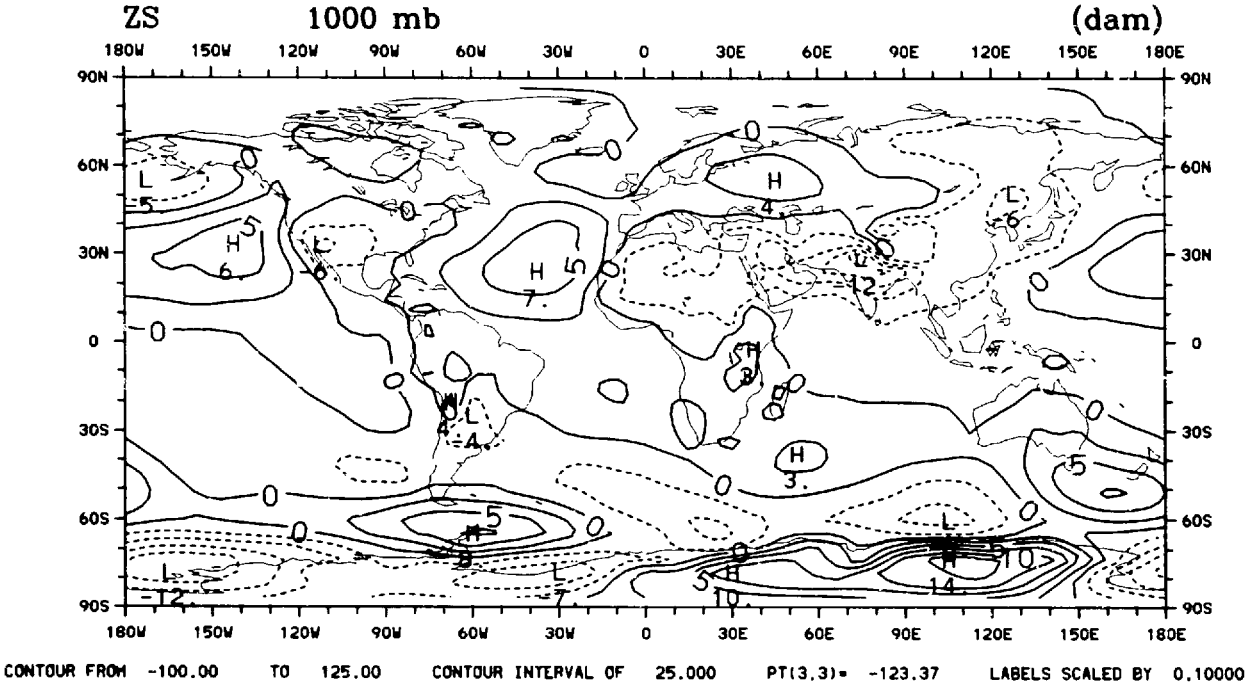



FRAME 2.47


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
TS
100 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 2.01
L -1.04
H .720
L -1.00
H 3.12
H 1.95
H 2.53
L -1.69
H 3.16
L -4.18
H .722
L -1.60
H 1.70
L 1.45
L -.479
H 2.63
L -2.05
H 1.66
H 2.19
CONTOUR FROM -4.0000 TO 2.0000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 1.3033

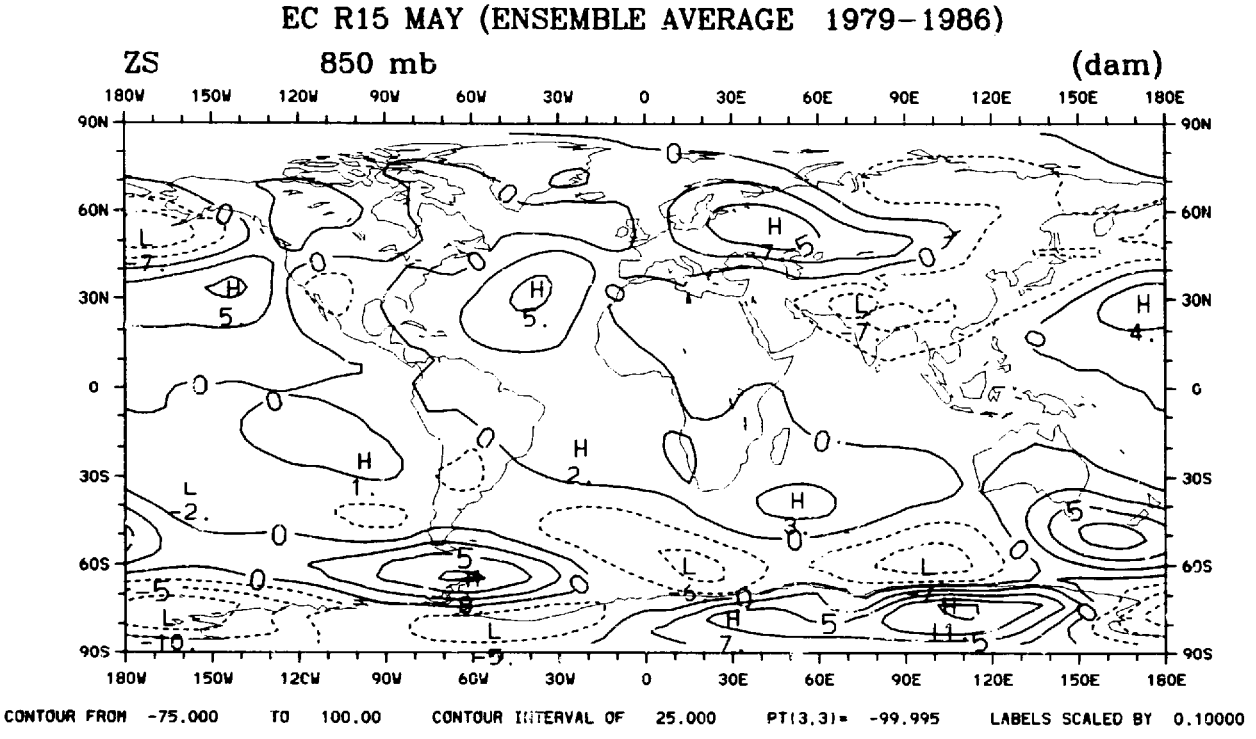
FRAME 2.48

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

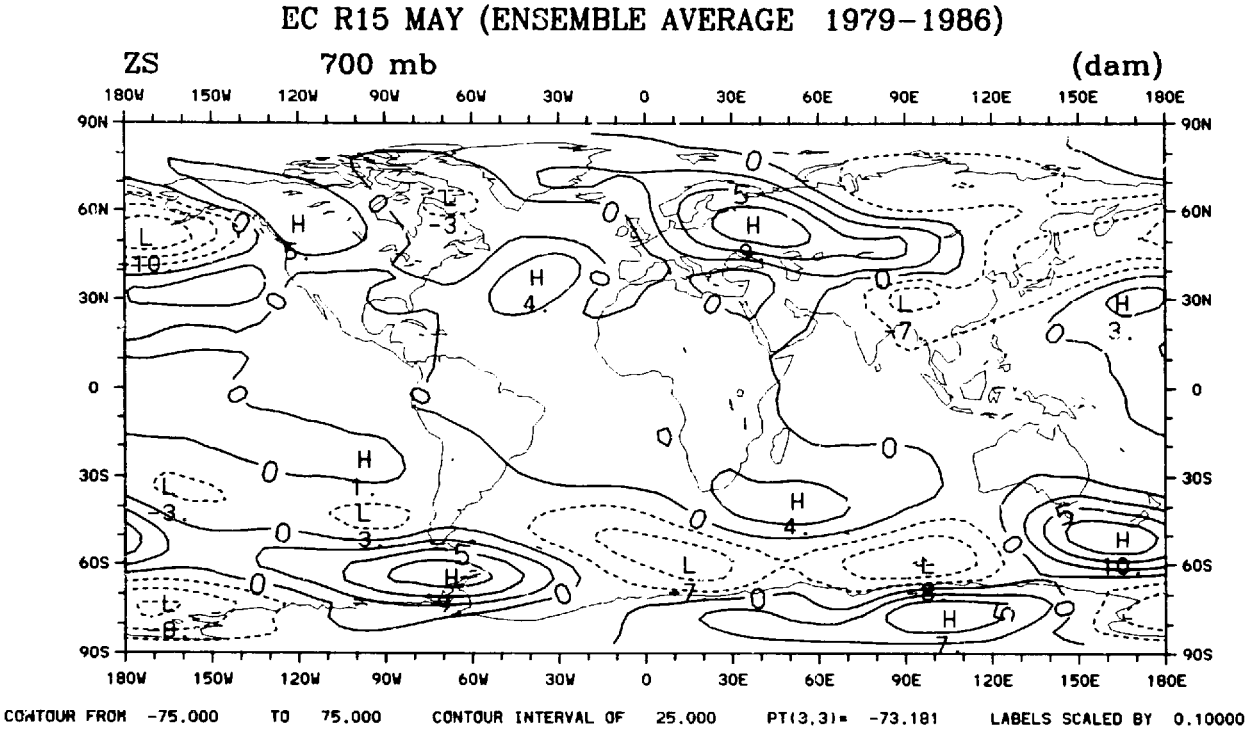



CONTOUR FROM -100.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -123.37 LABELS SCALED BY 0.10000

FRAME 2.49

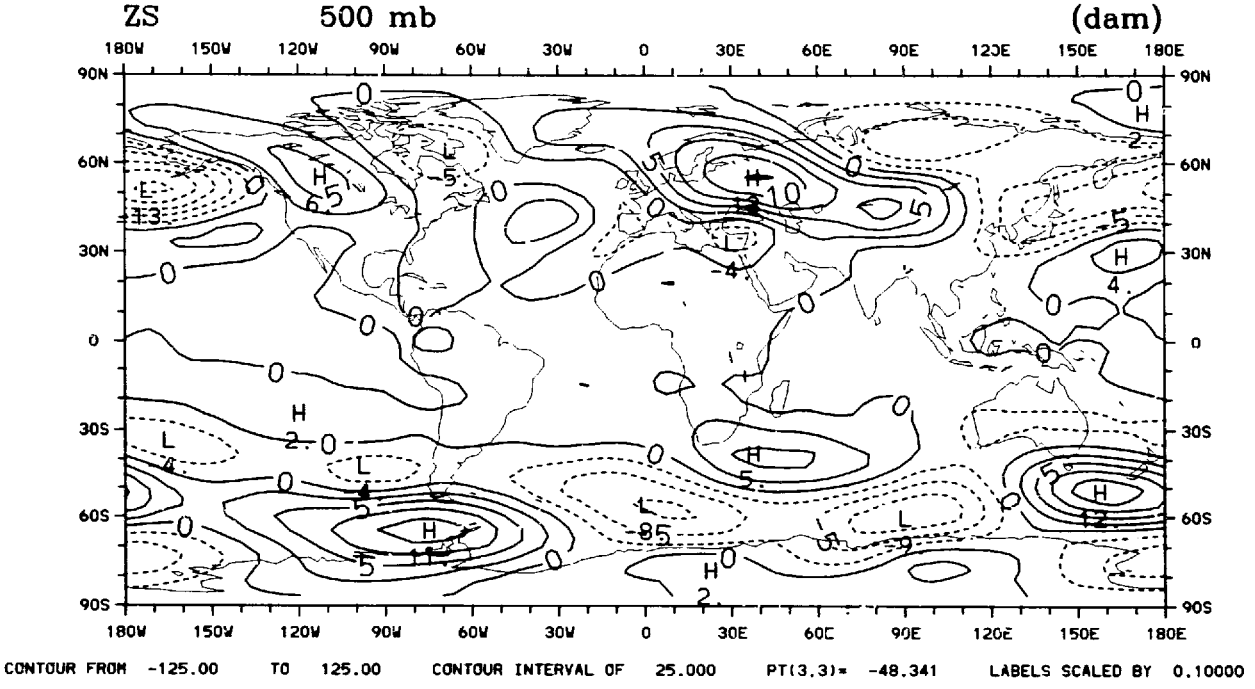

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
ZS
850 mb
(dam)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -75.000 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -99.995 LABELS SCALED BY 0.10000

FRAME 2.50


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
ZS
700 mb
(dam)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -75.000 TO 75.000 CONTOUR INTERVAL OF 25.000 PT(3,3)= -73.181 LABELS SCALED BY 0.10000

FRAME 2.51

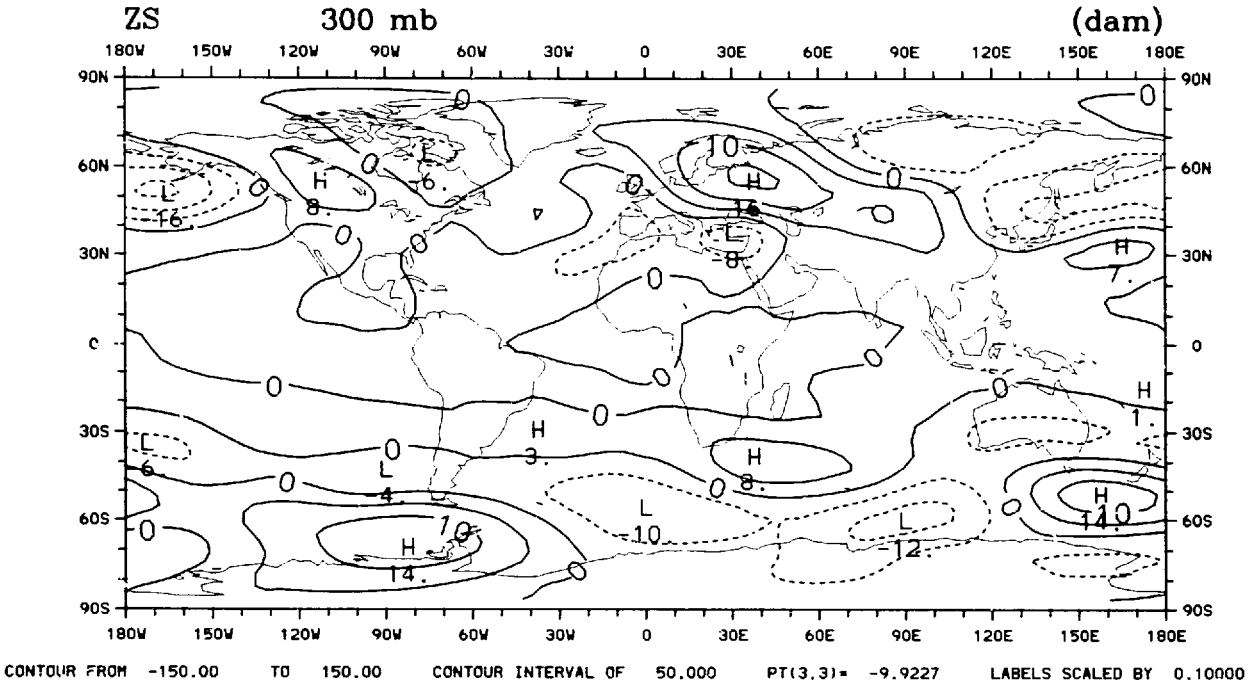
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -125.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -48.341 LABELS SCALED BY 0.10000

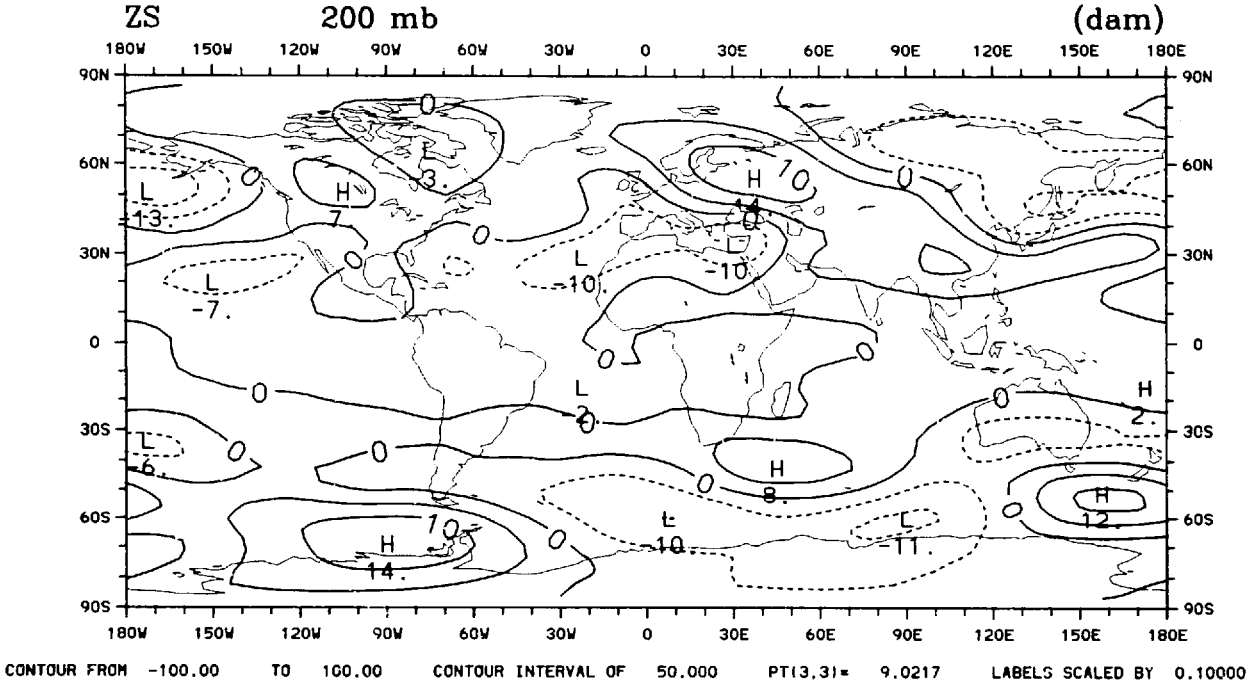
FRAME 2.52

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.53

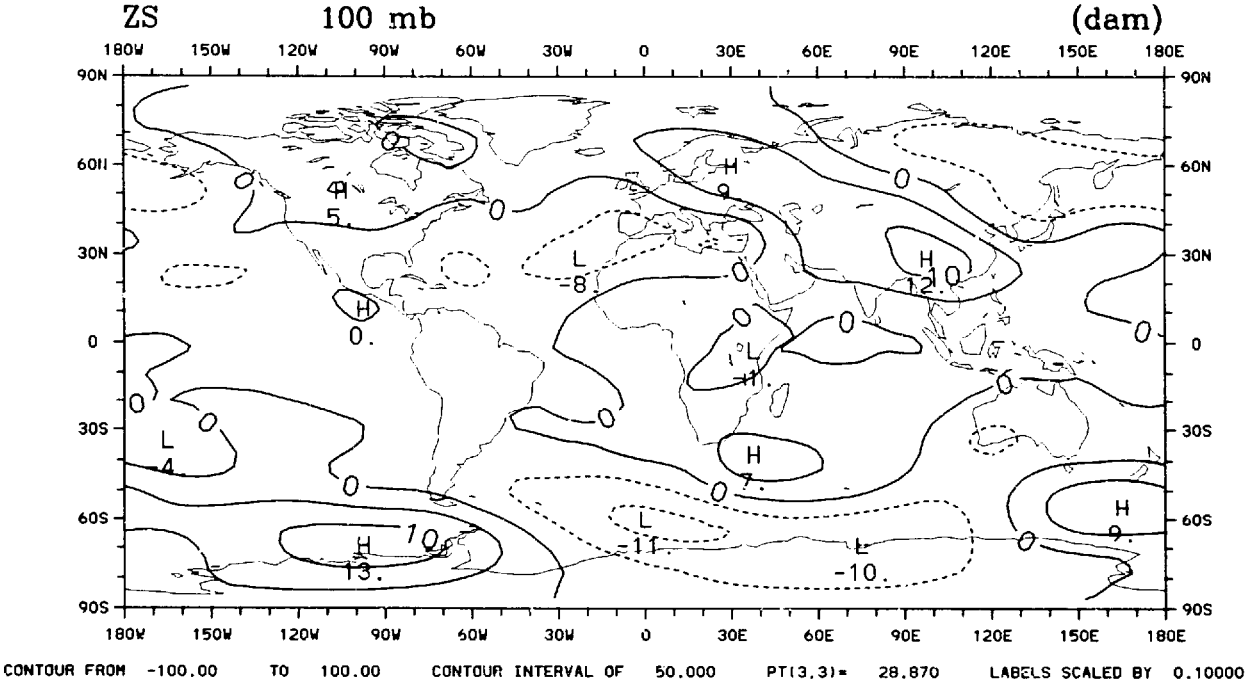
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -100.00 TO 100.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 9.0217 LABELS SCALED BY 0.10000

FRAME 2.54

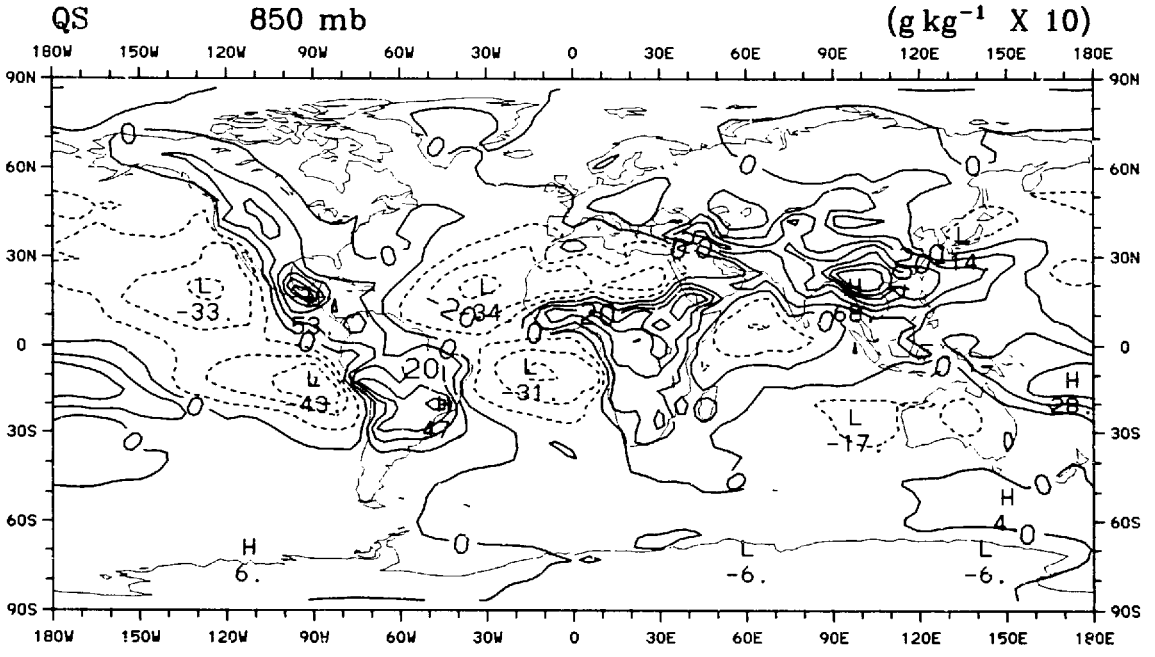
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -100.00 TO 100.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 28.870 LABELS SCALED BY 0.10000

FRAME 2.55

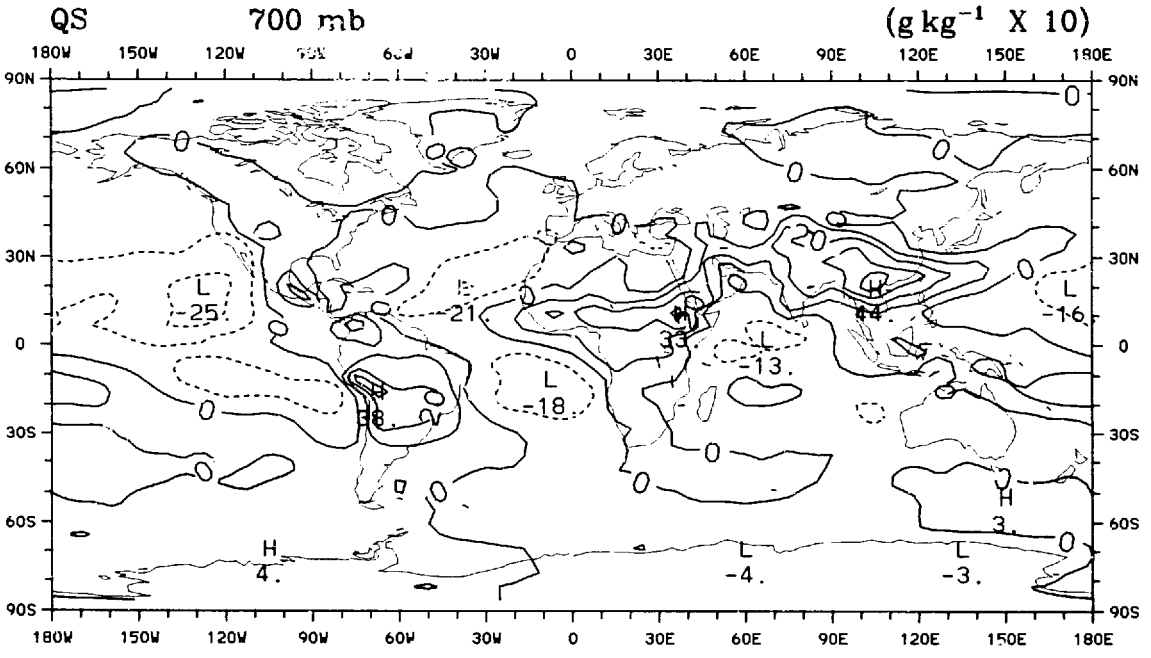
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.28527E-03 LABELS SCALED BY 10000.

FRAME 2.56

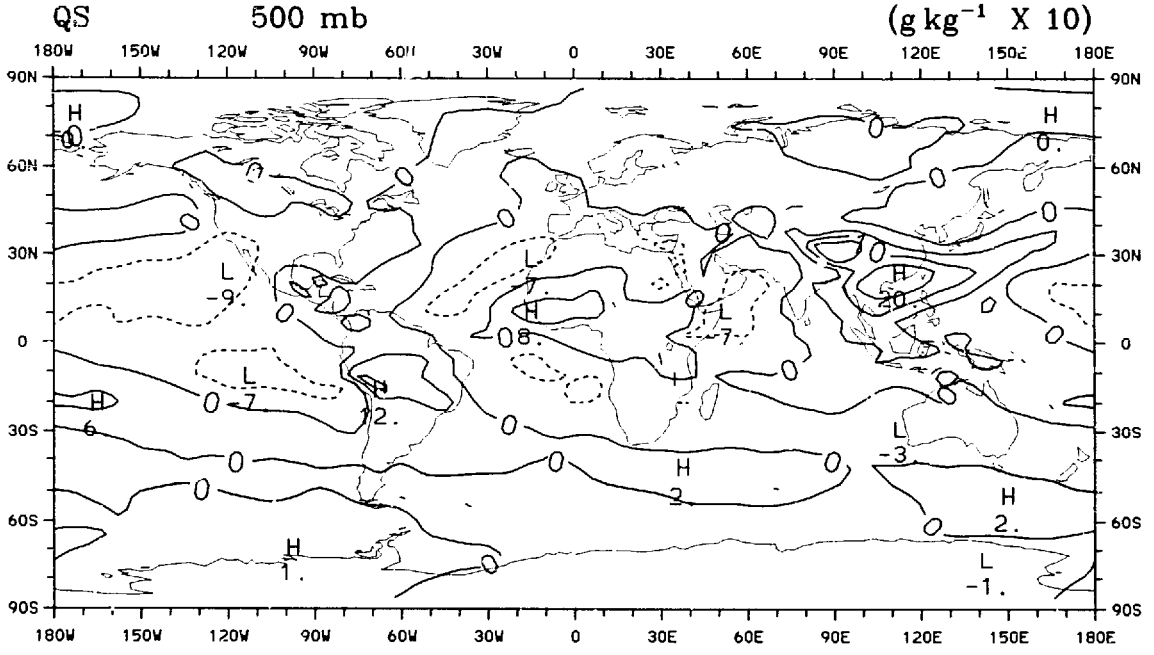
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.17074E-03 LABELS SCALED BY 10000.

FRAME 2.57

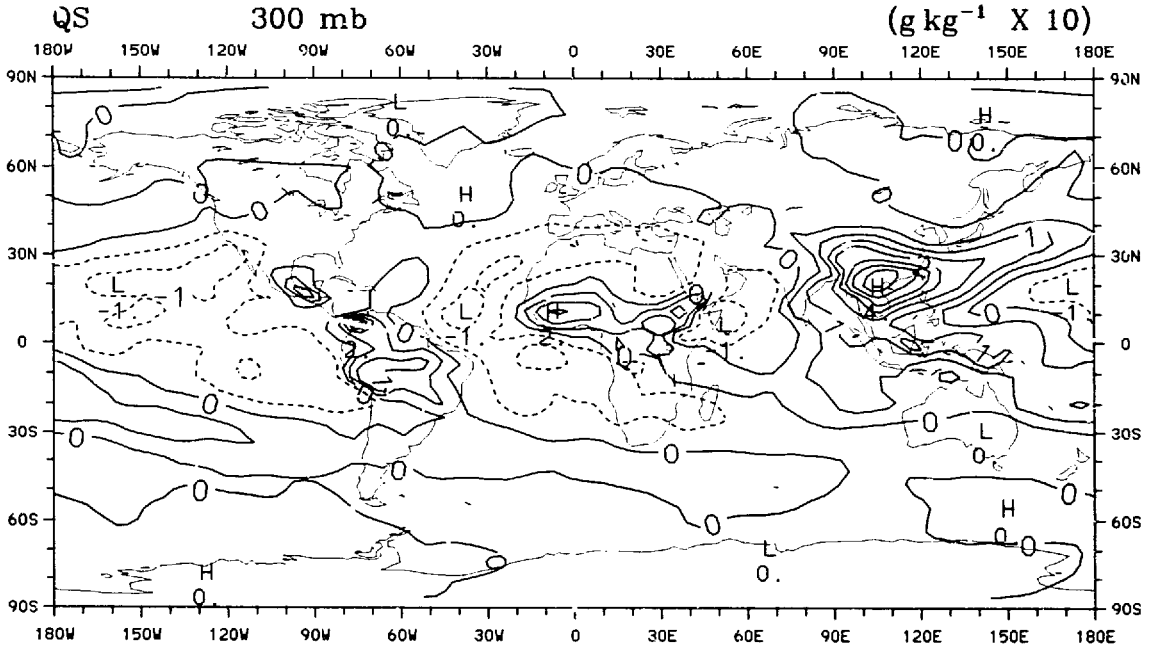
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-03 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.37163E-04 LABELS SCALED BY 10000.

FRAME 2.58

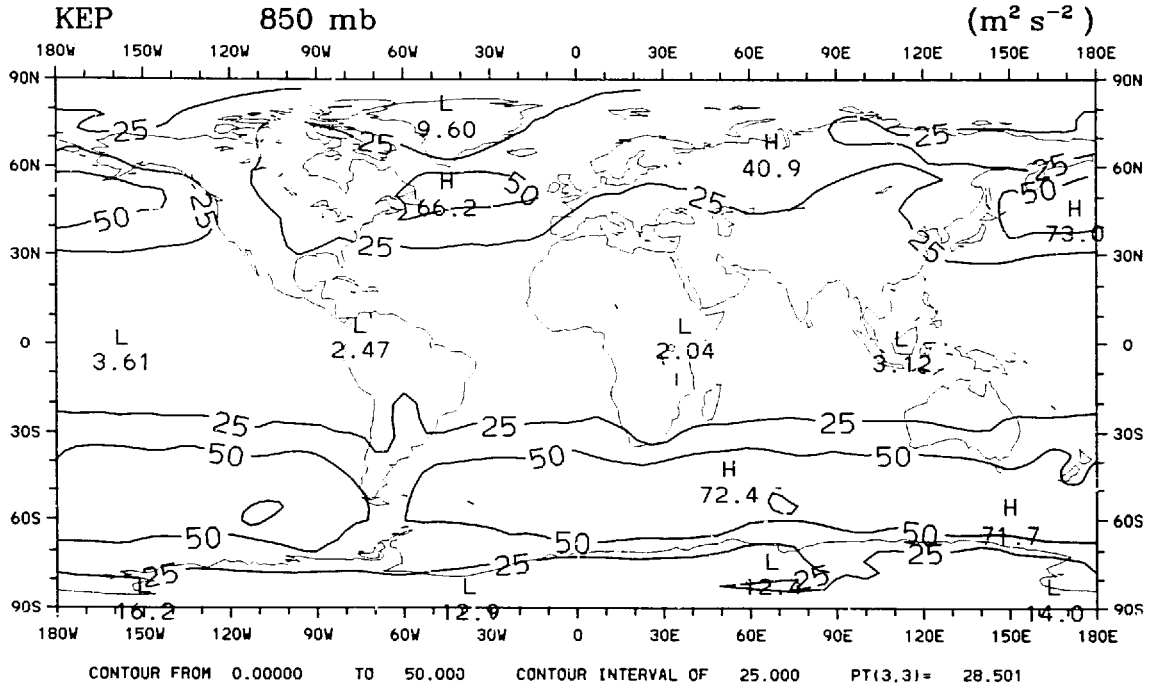
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-03 TO 0.35000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.34455E-05 LABELS SCALED BY 10000.

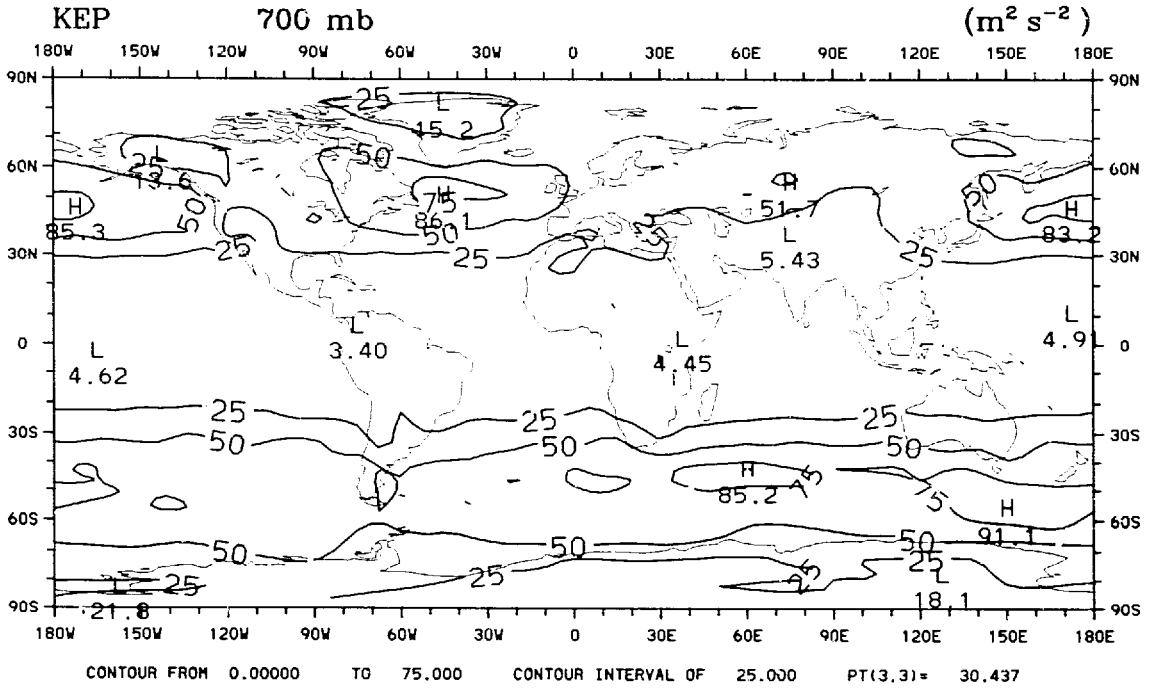
FRAME 2.59

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



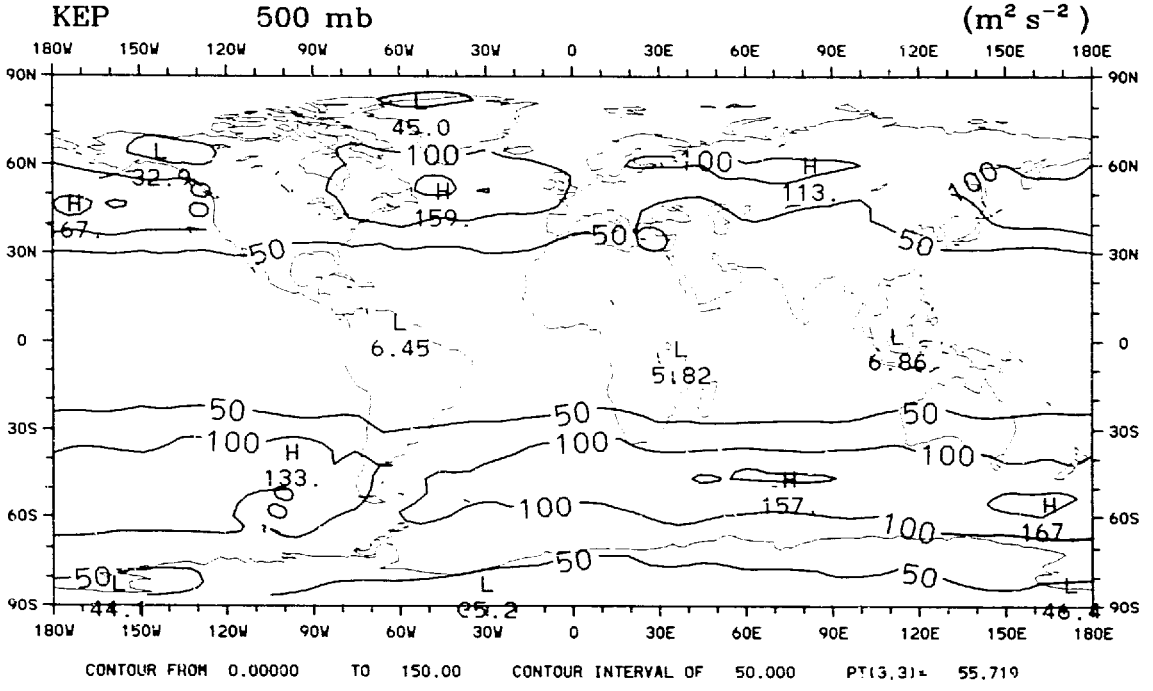

FRAME 2.6G

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)



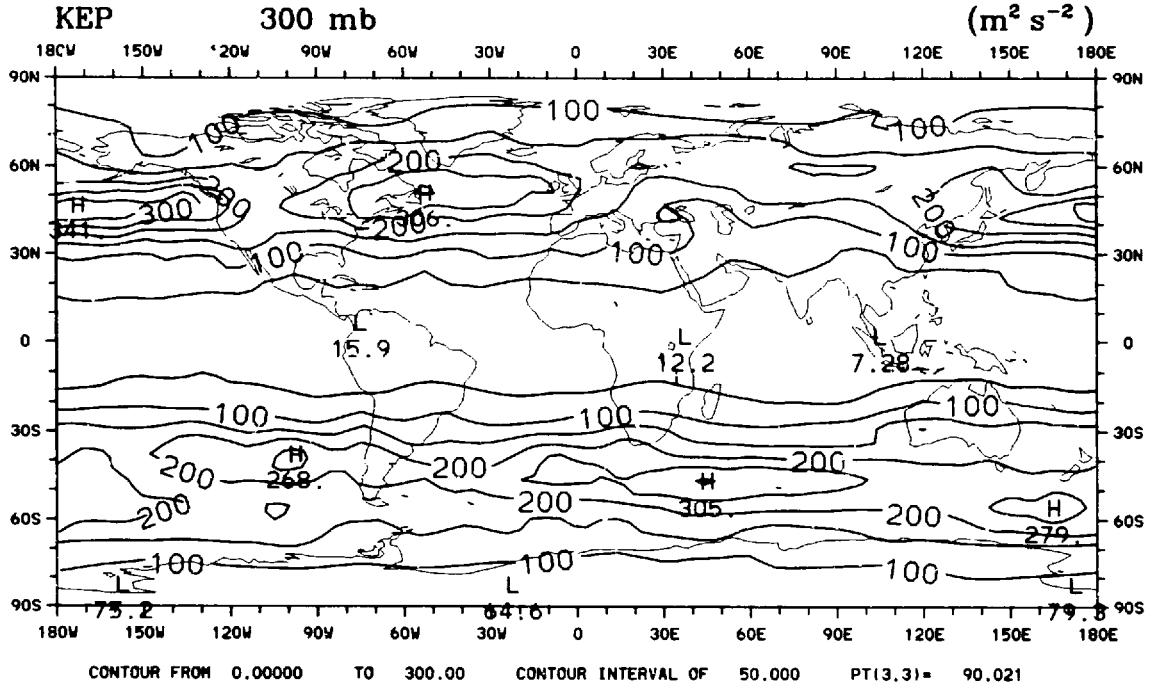

FRAME 2.61

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

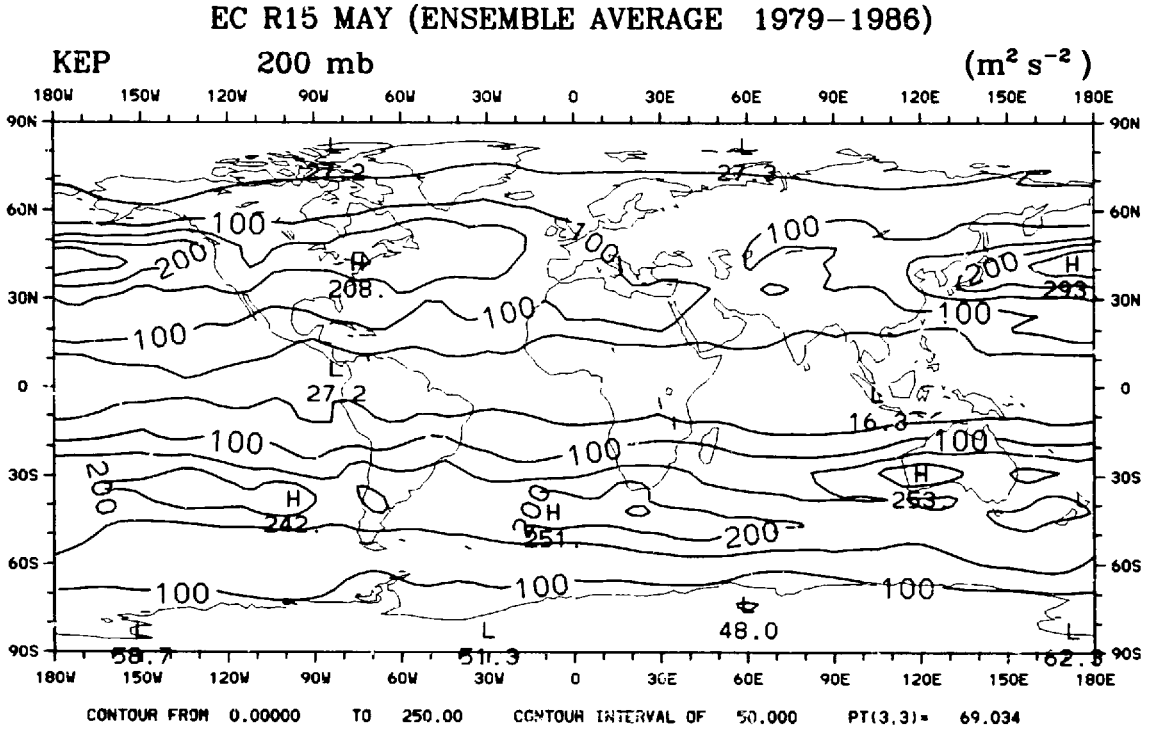



FRAME 2.62

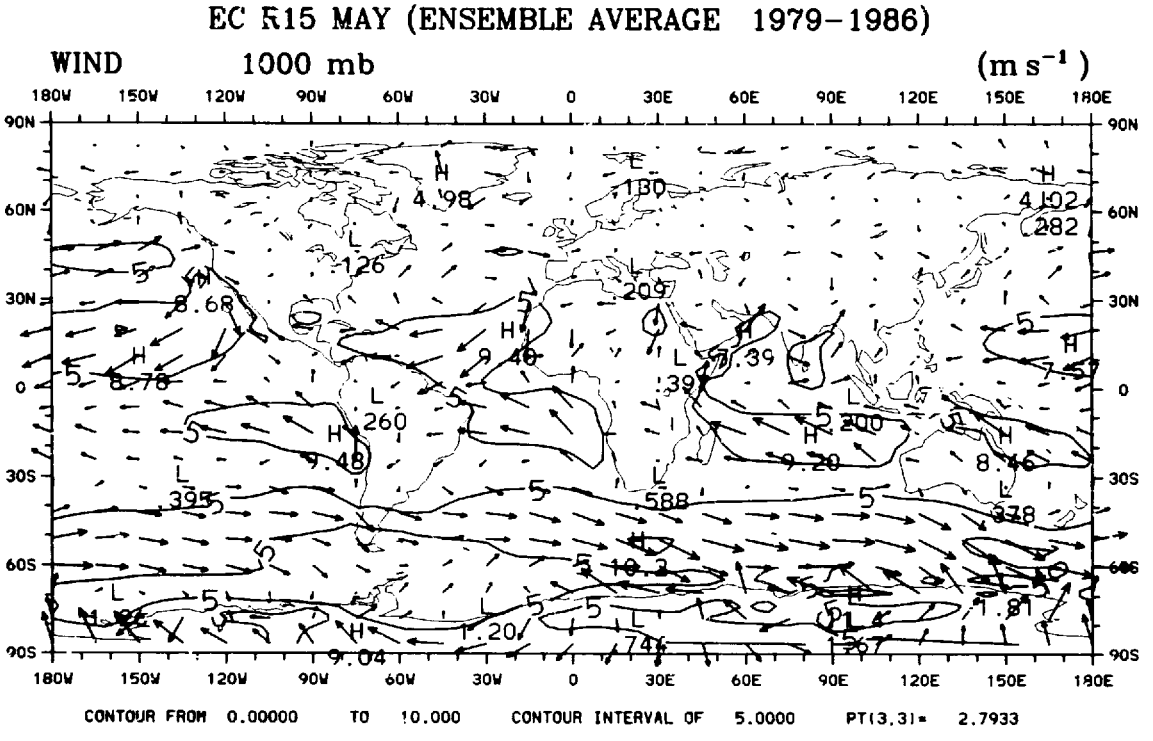
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



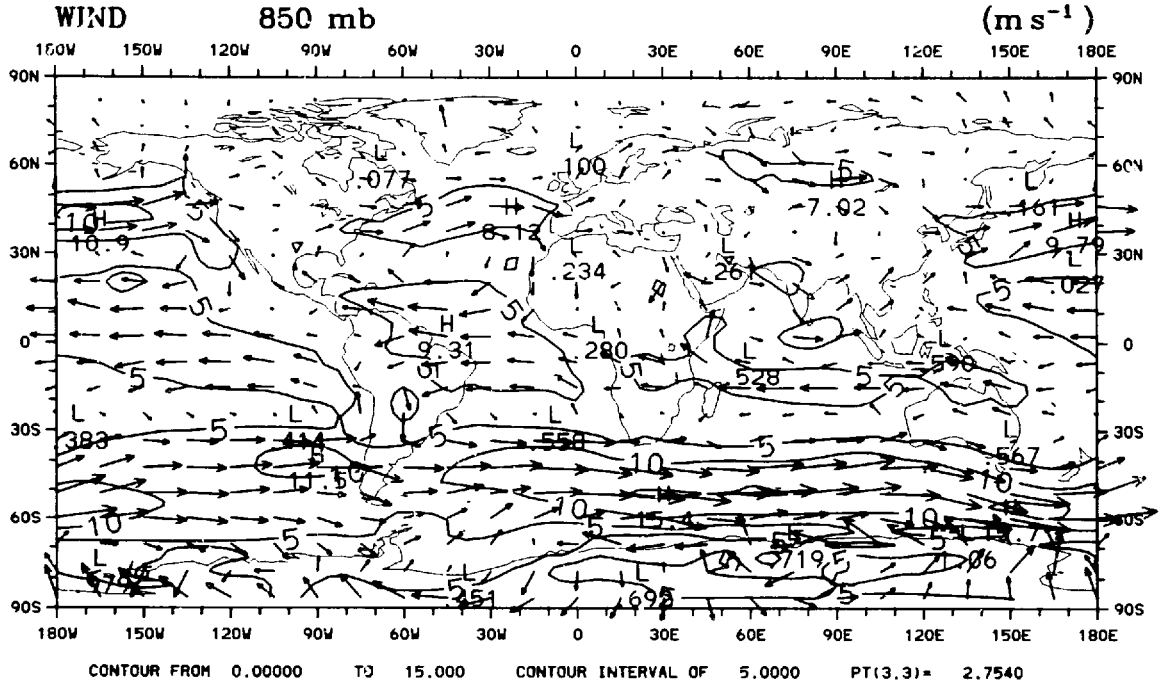

FRAME 2.63


EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)
KEP
200 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
100
200
H
208.
242
251.
253
293
L
27.2
27.3
16.3
48.0
58.7
51.3
62.8
CONTOUR FROM 0.00000 TO 250.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 69.034

FRAME 2.64


EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)
WIND 1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 2.7933
0.100E+02
SCALING VECTOR
FRAME 2.65

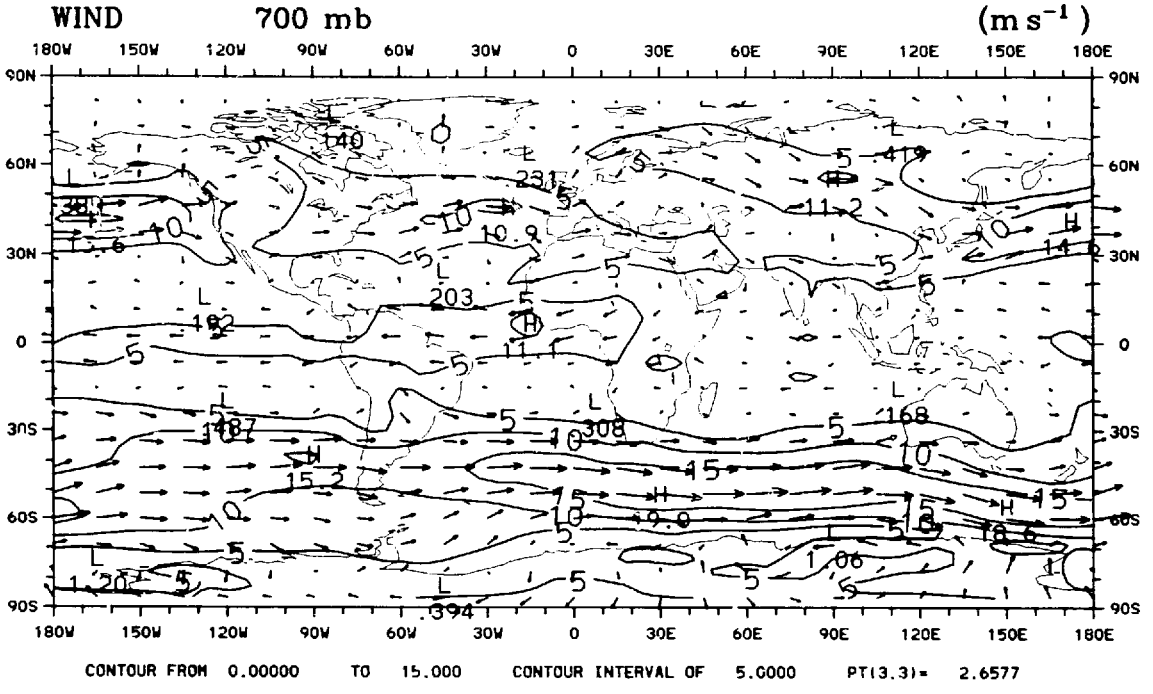
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.66

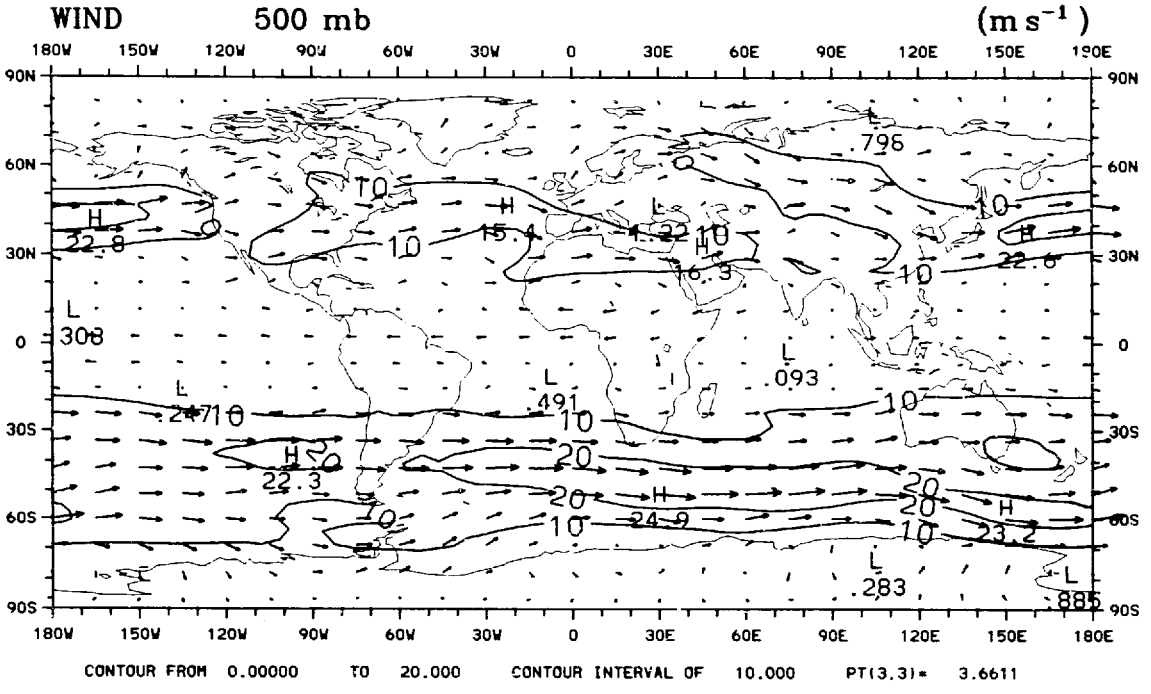
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.67

0.200E+02 →
SCALING VECTOR

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

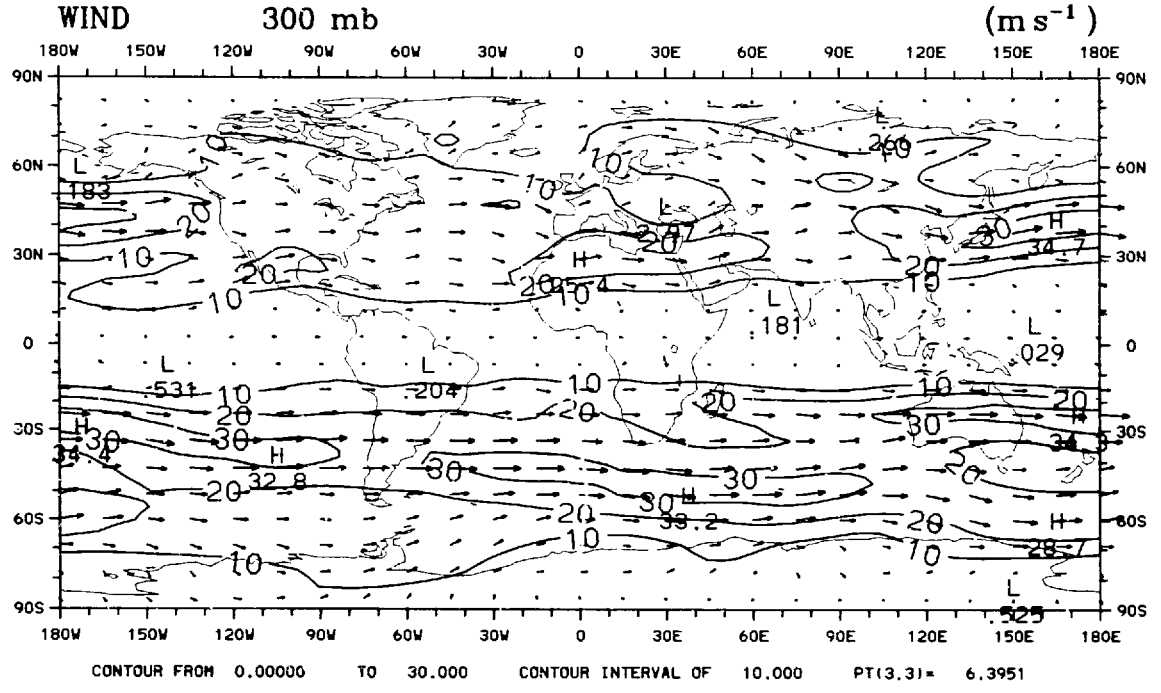



CONTOUR FROM 0.00000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 3.6611

0.300E+02 →
SCALING VECTOR

FRAME 2.68

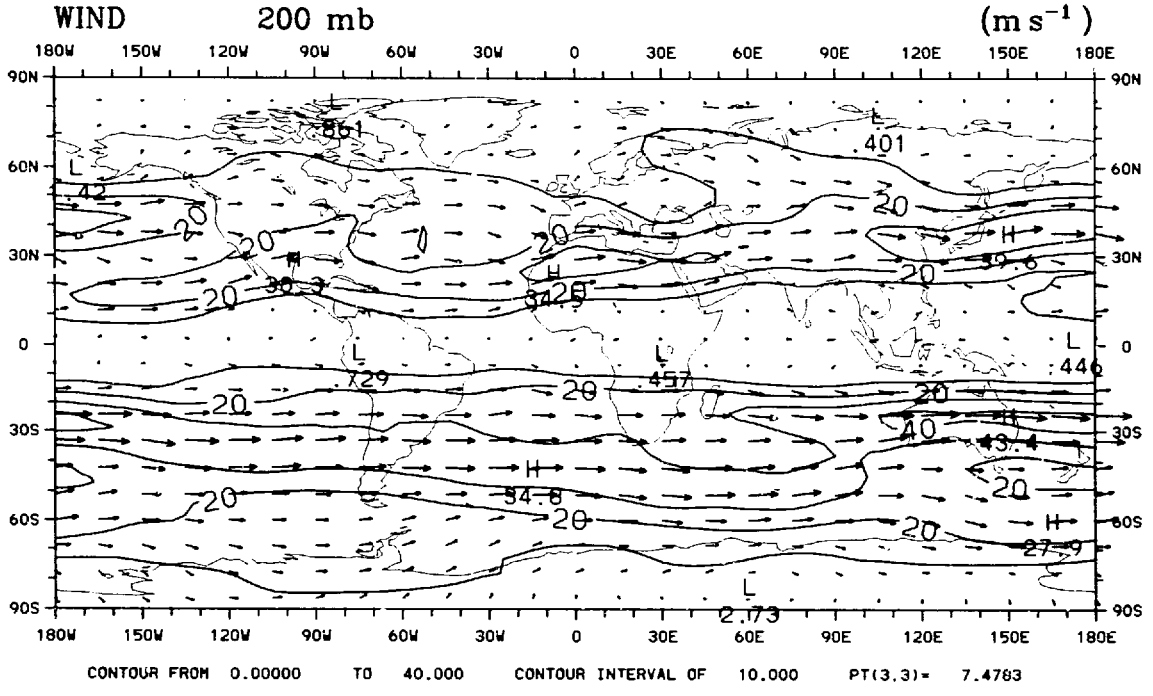
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

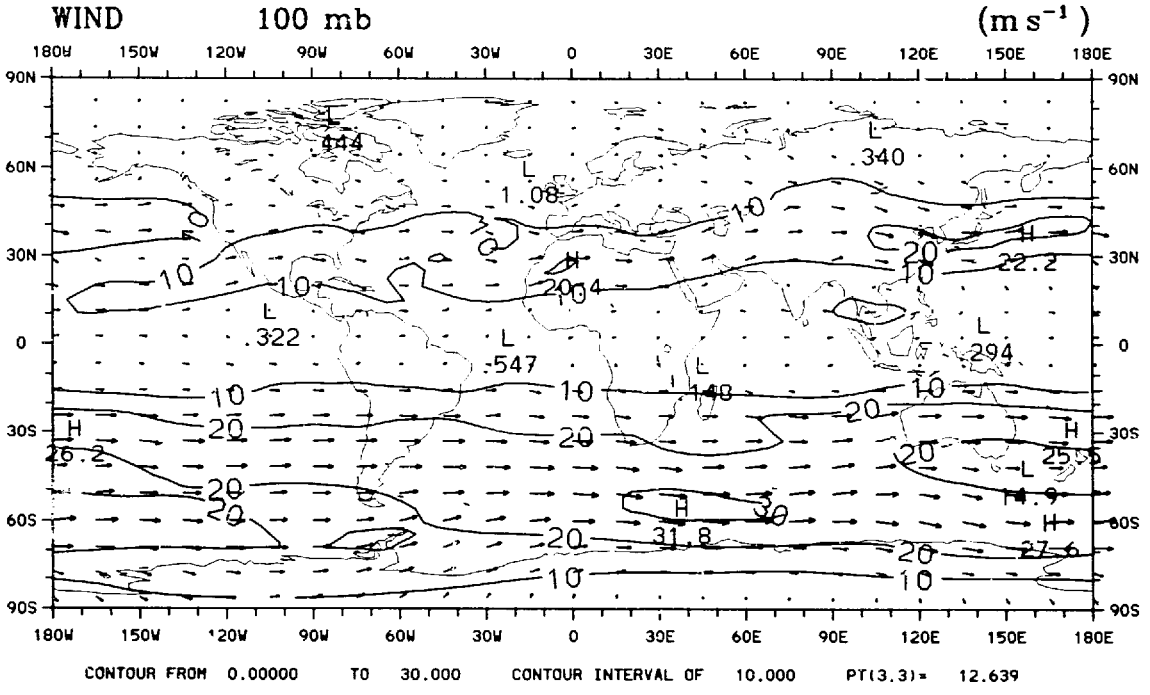
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.70

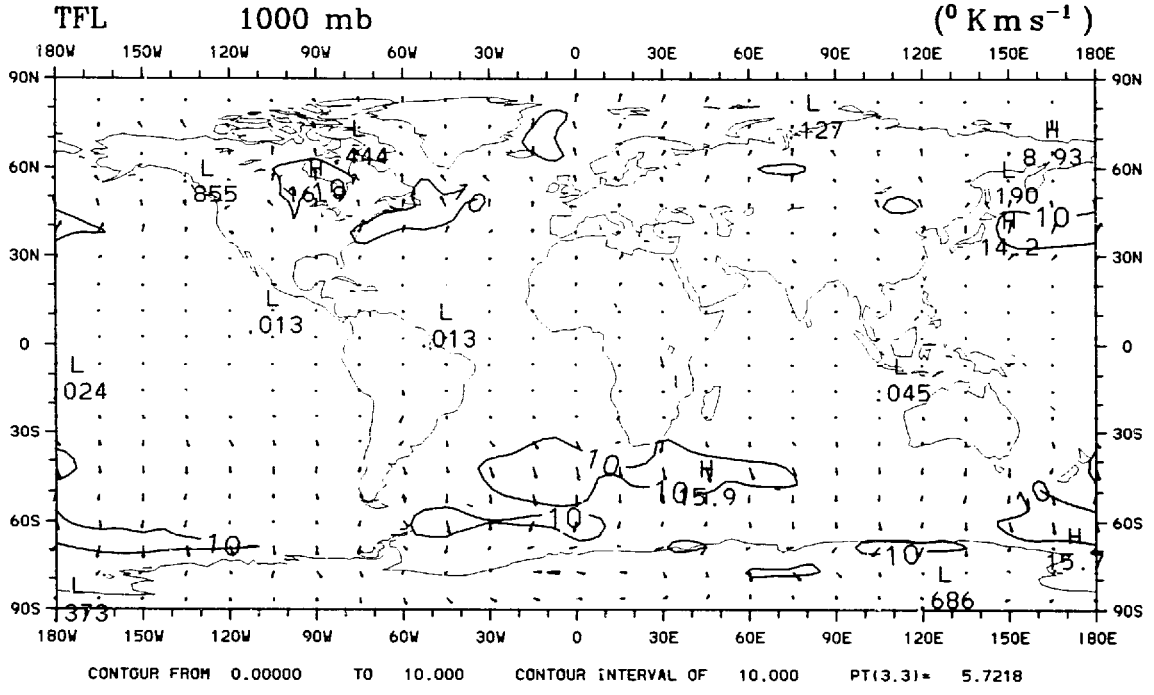
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

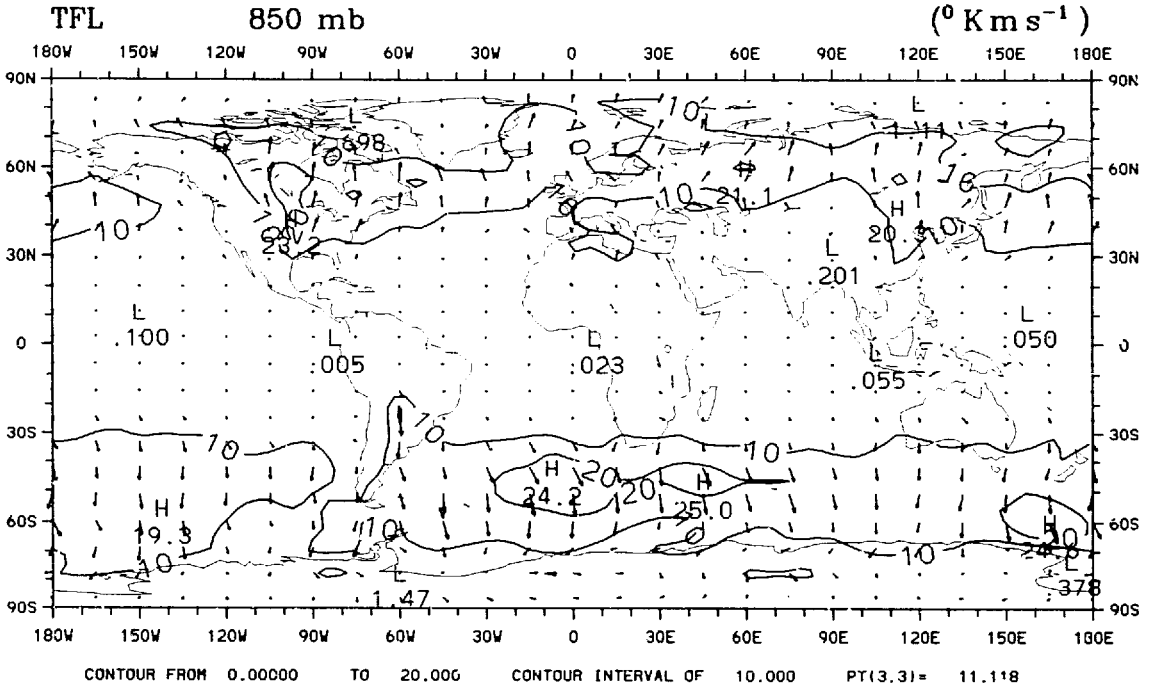
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

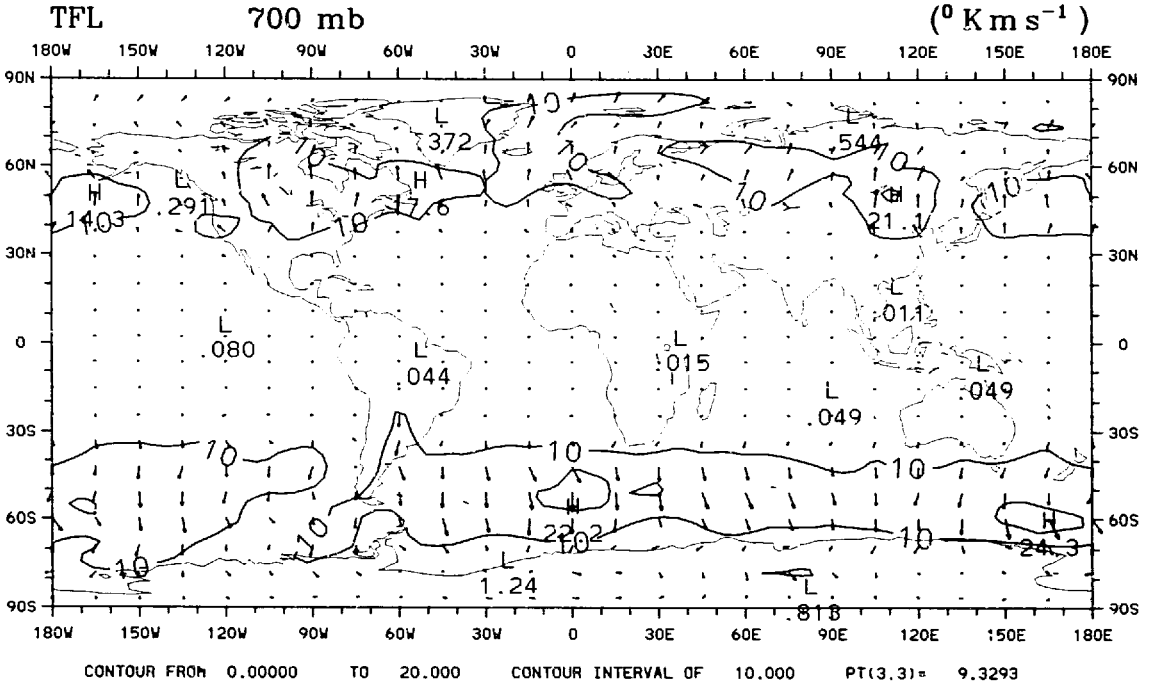
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

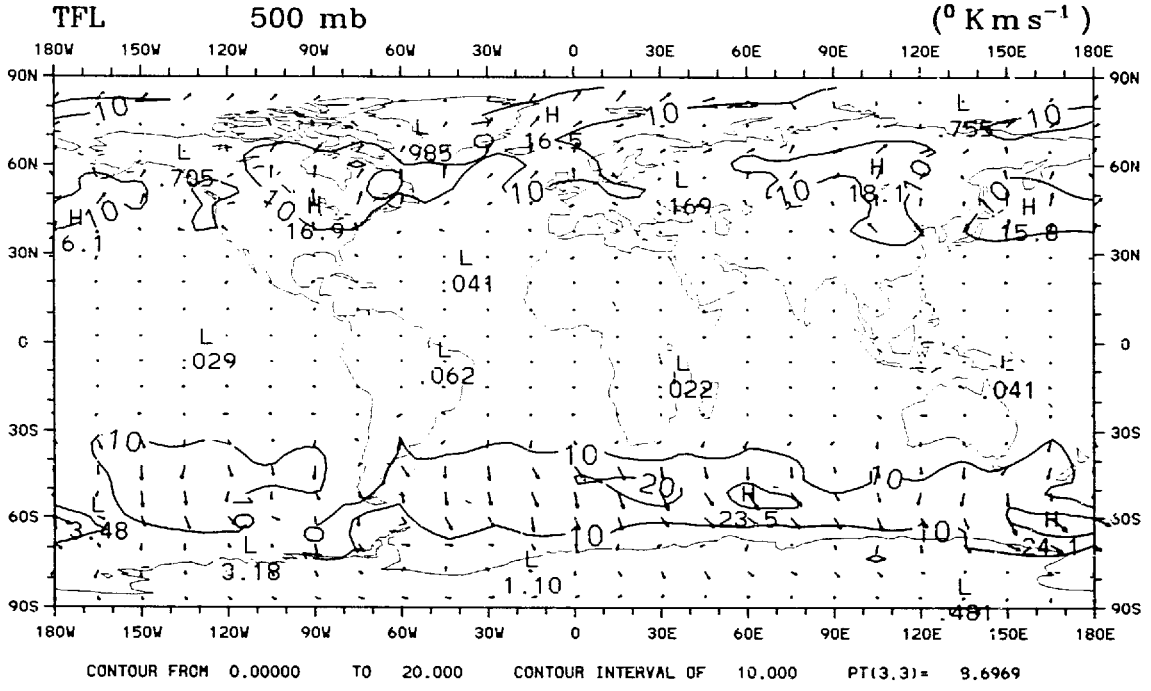



CONTOUR FROM 0.00000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 9.3293

0.500E+02 →
SCALING VECTOR

FRAME 2.74

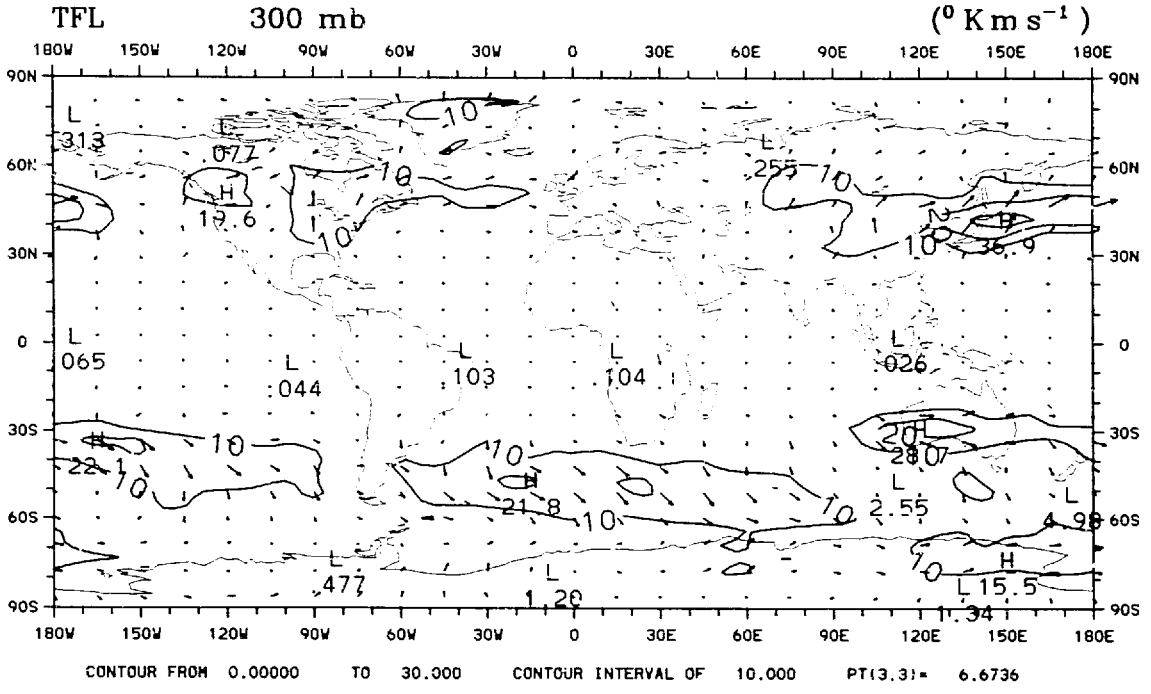
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

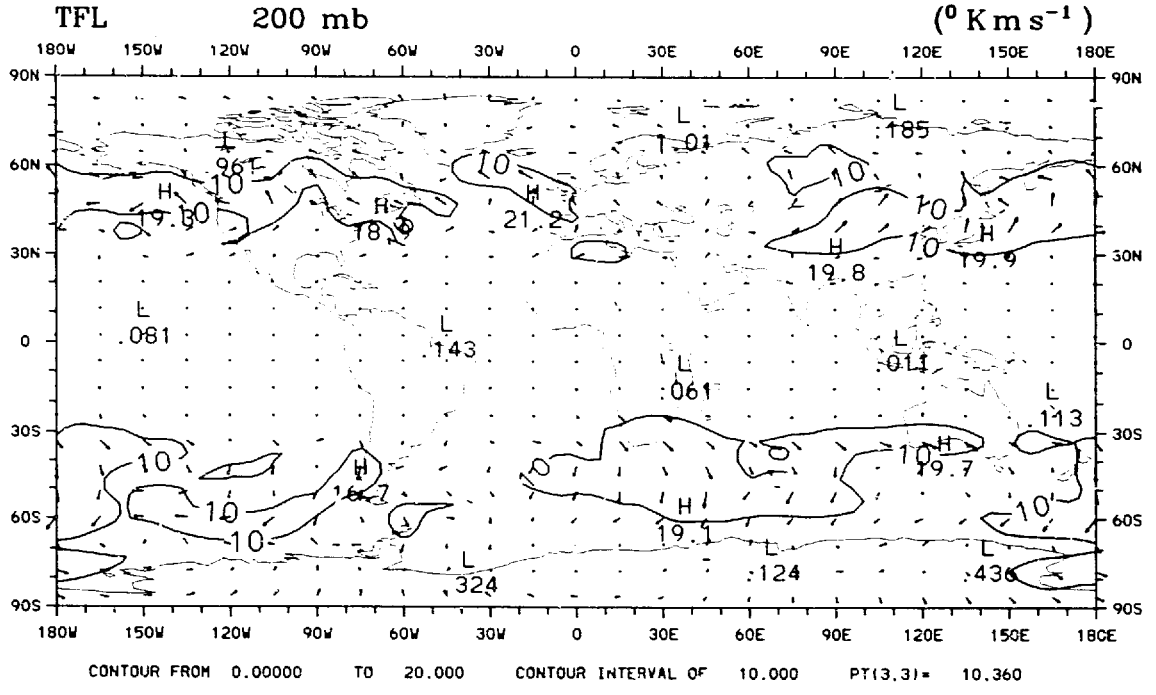
EC R15 MAY (ENSEMBLE AVERAGE 1979--1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.7c

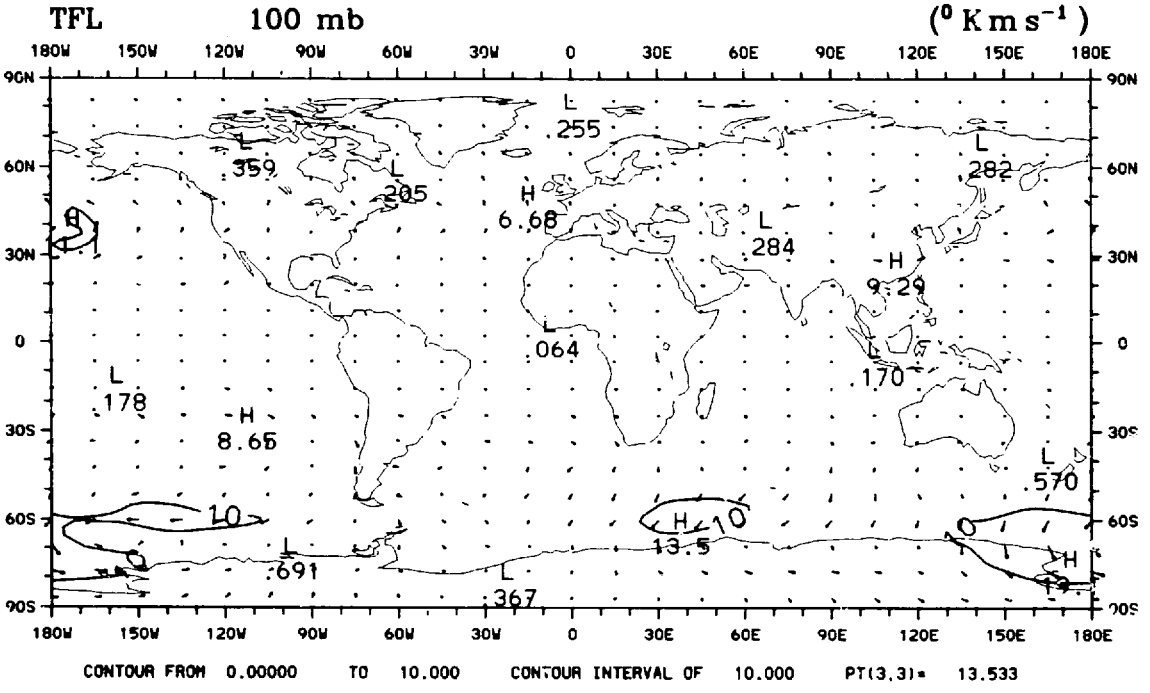
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.77

0.500E+02 ⟶
SCALING VECTOR

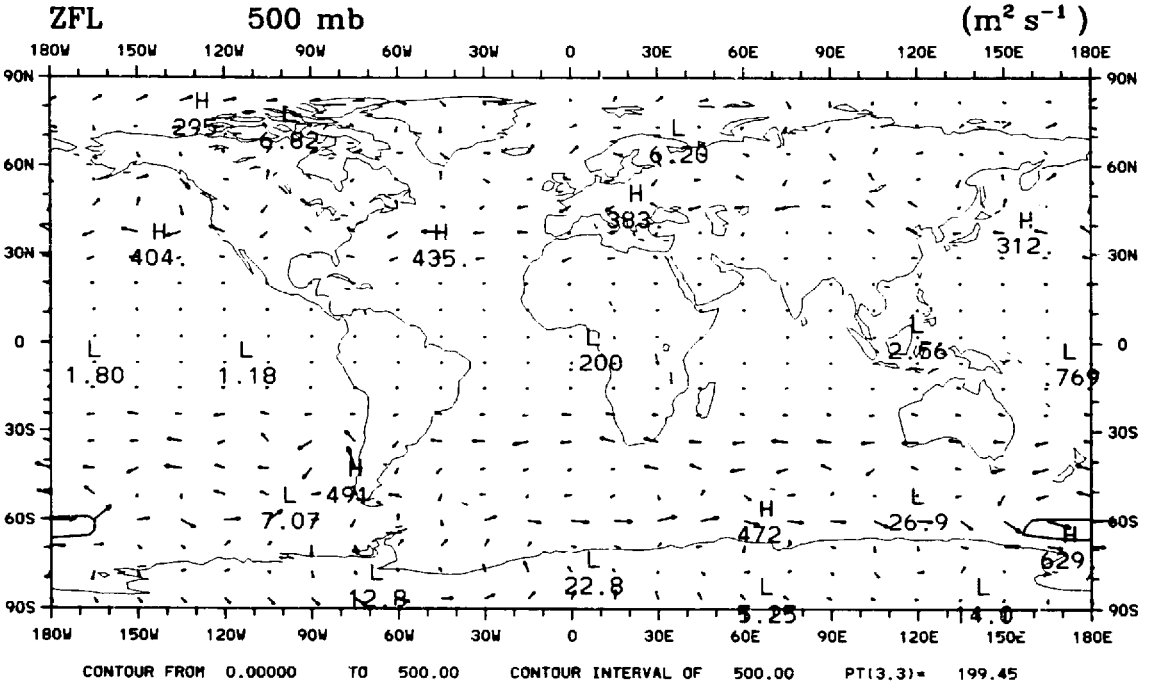
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

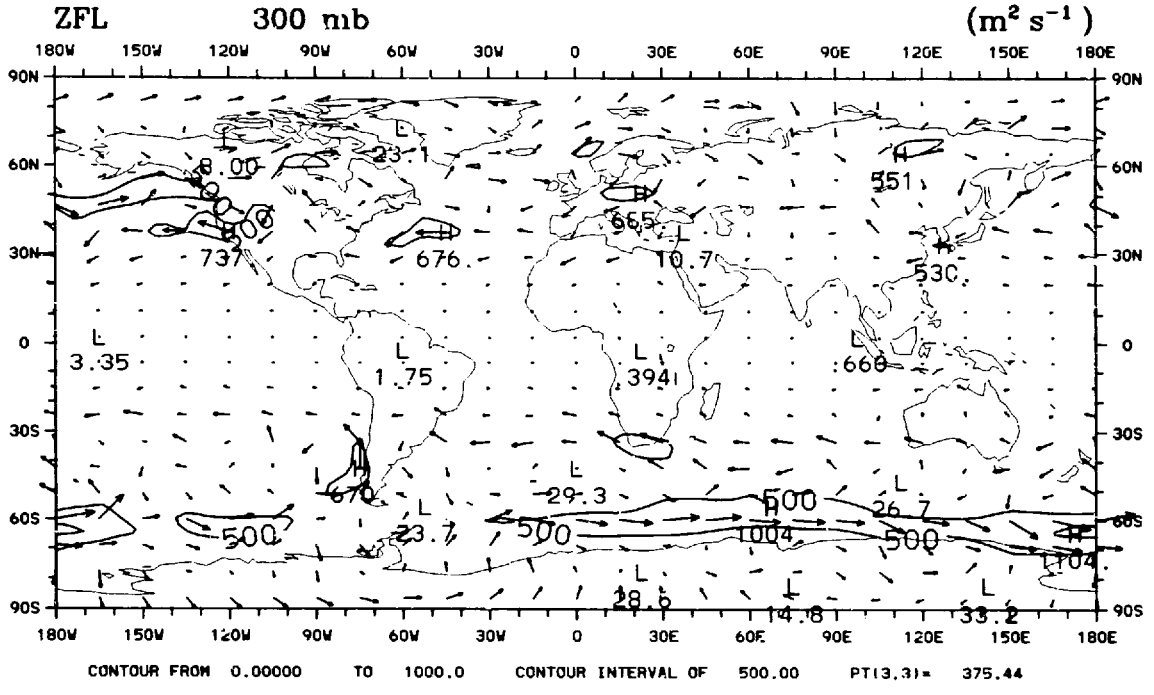
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.79

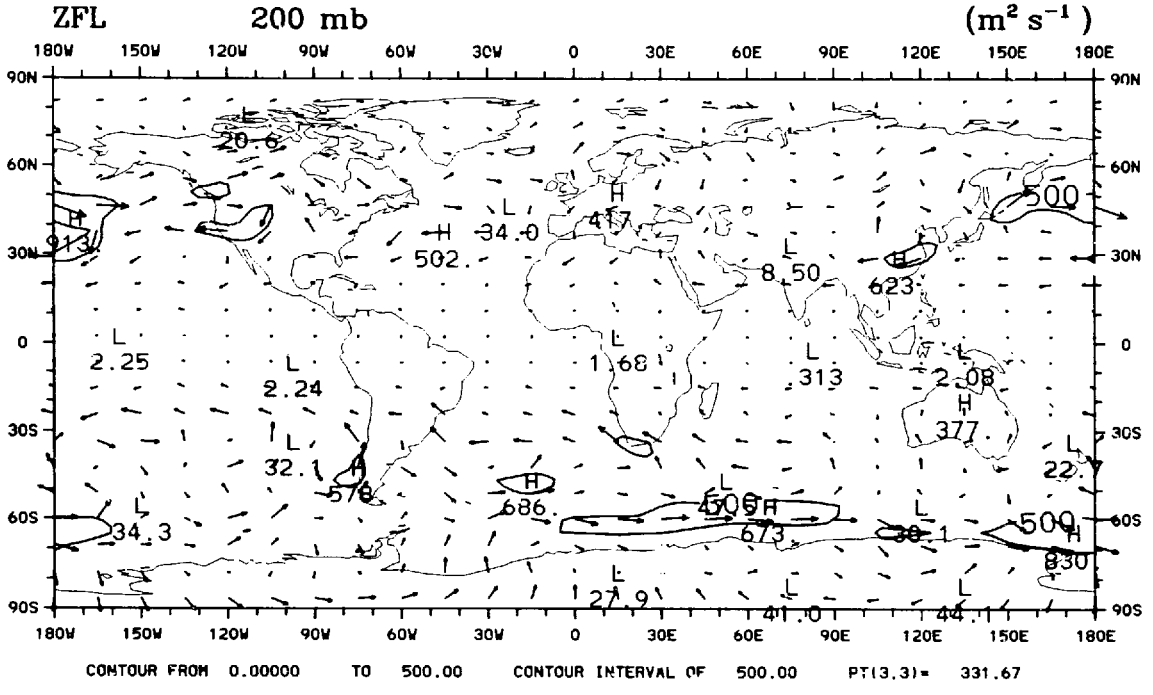
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.80

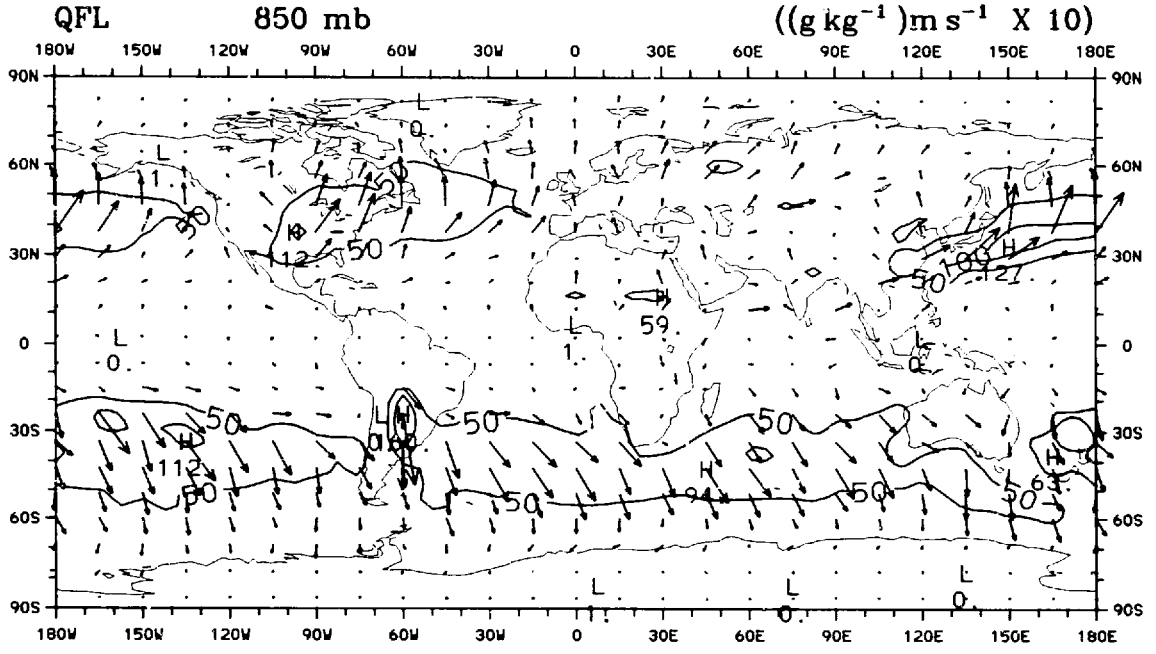
EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

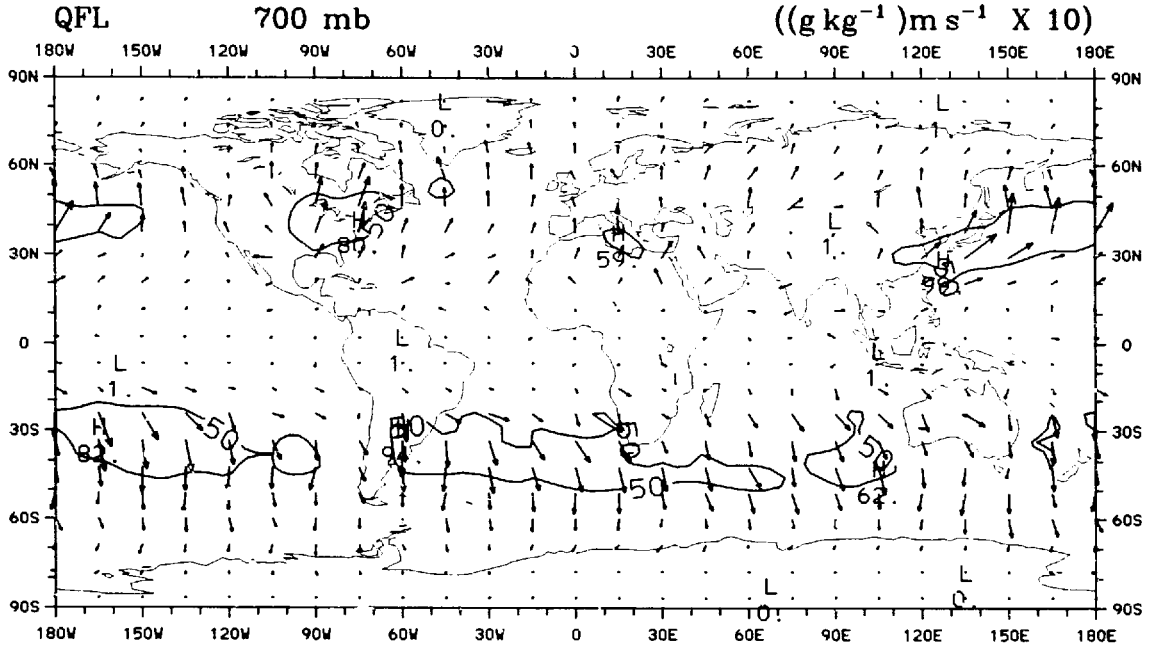



CONTOUR FROM 0.00000 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.13615E-02 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.82

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

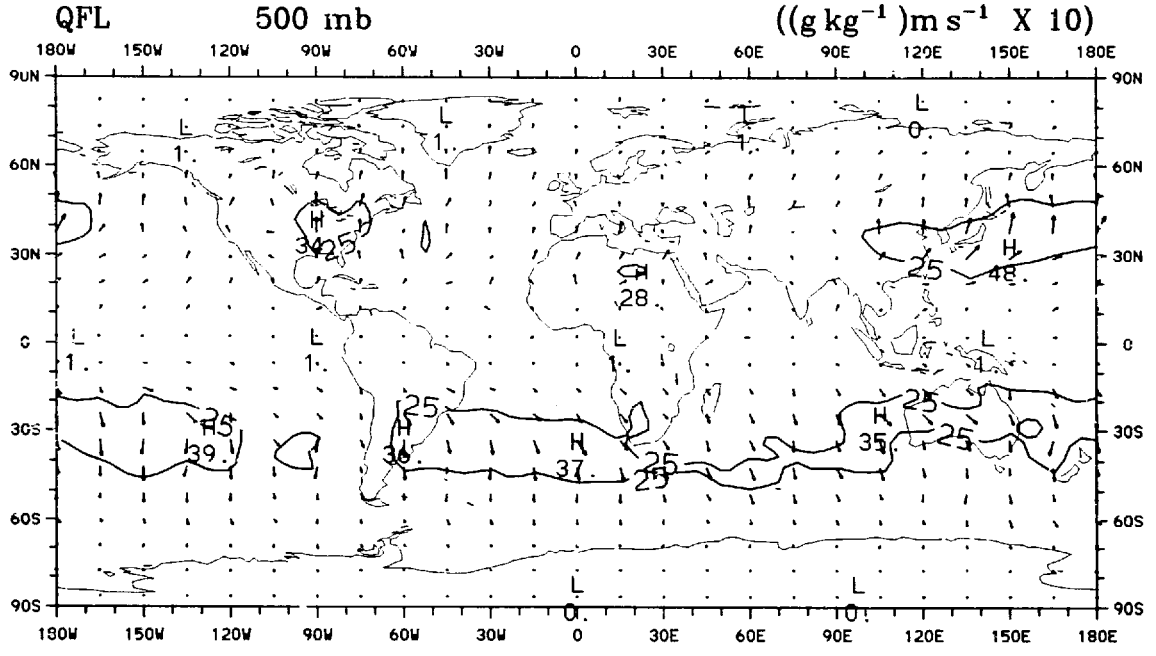



CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.10677E-02 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.83

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)



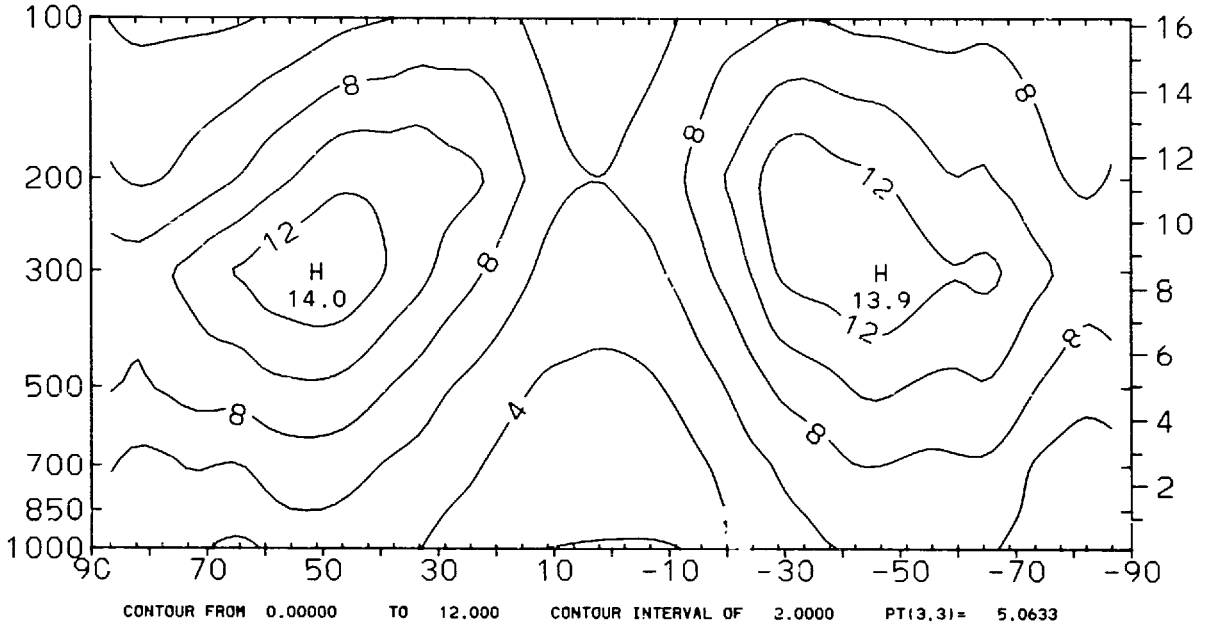

CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.49147E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.84

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

SDU (m s$^{-1}$)

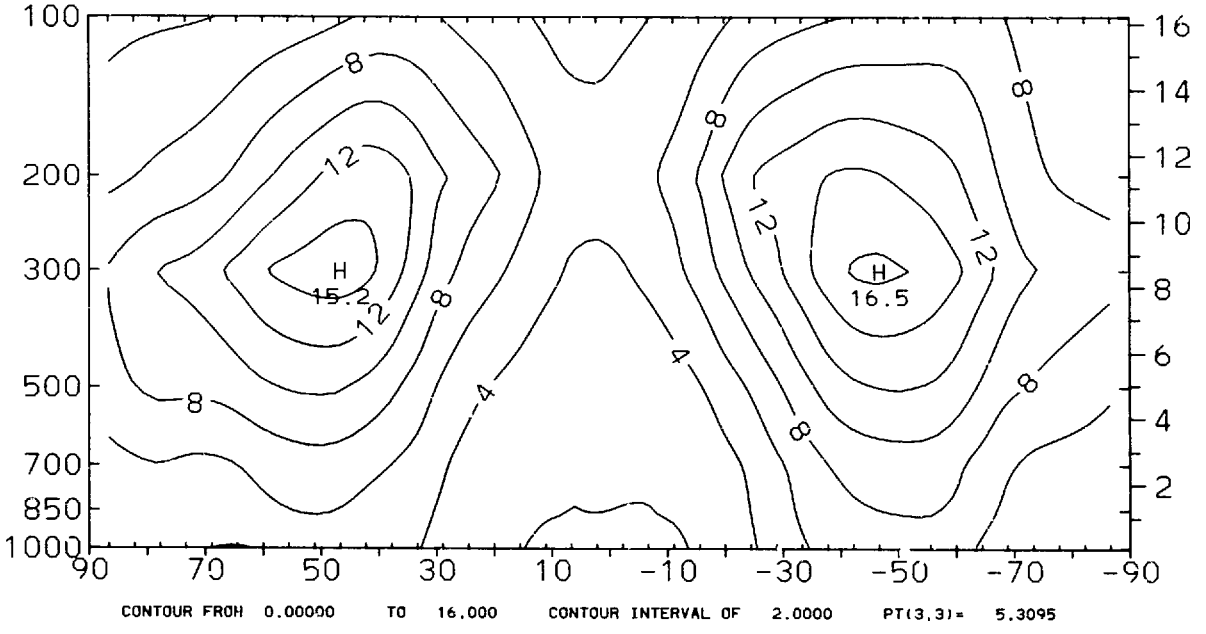



CONTOUR FROM 0.00000 TO 12.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.0633

FRAME 2.85

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

SDV (m s$^{-1}$)

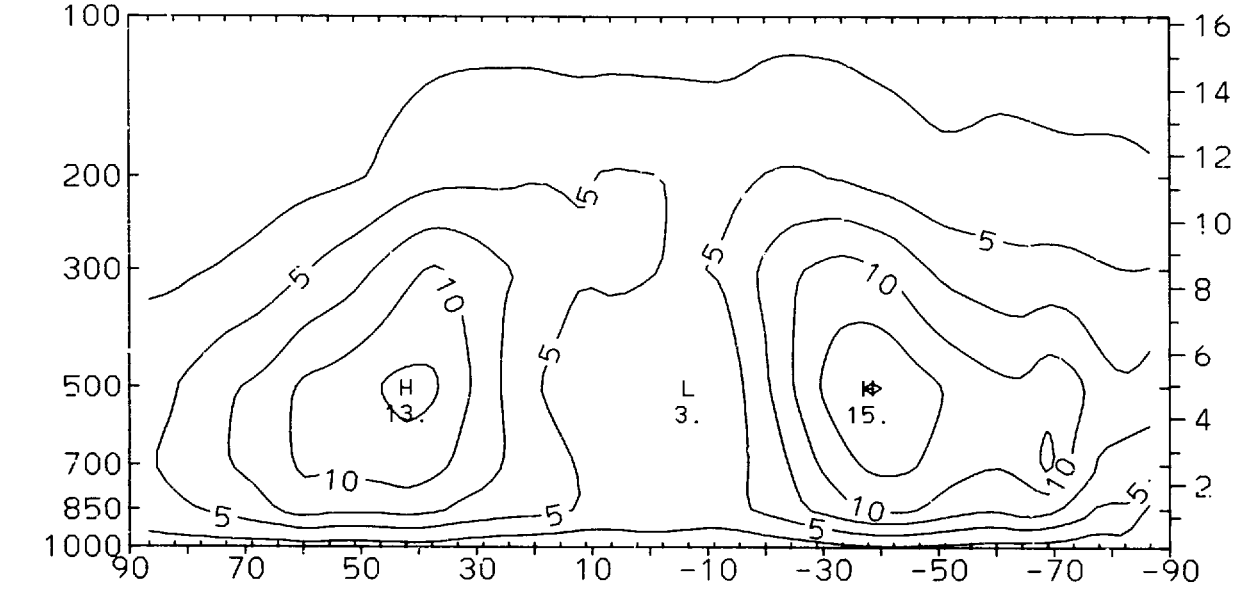



CONTOUR FROM 0.00000 TO 16.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.3095

FRAME 2.86

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

SDW (mb $s^{-1}$ X $10^4$)

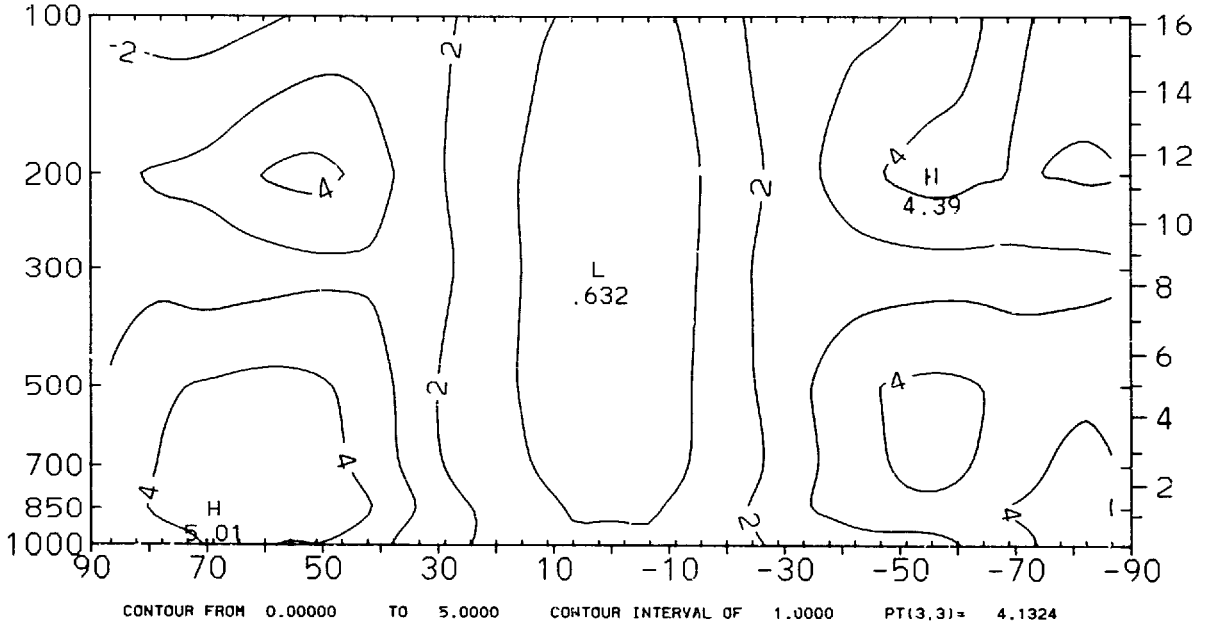



CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.72843E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

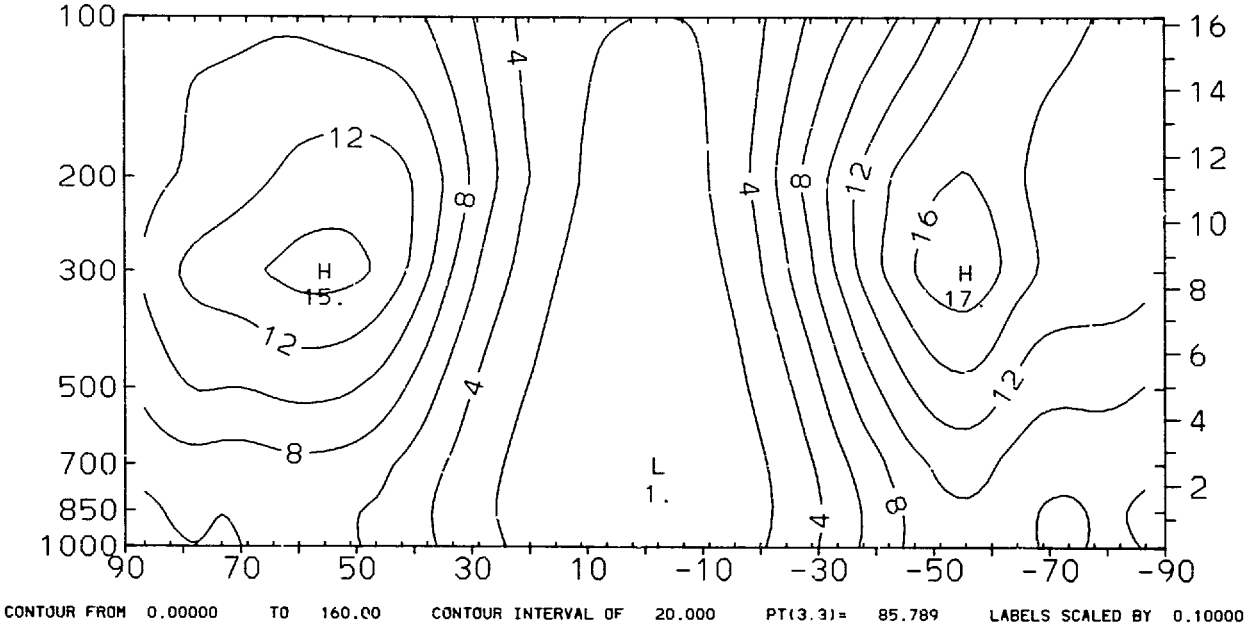
SDT (° K)




FRAME 2.88

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

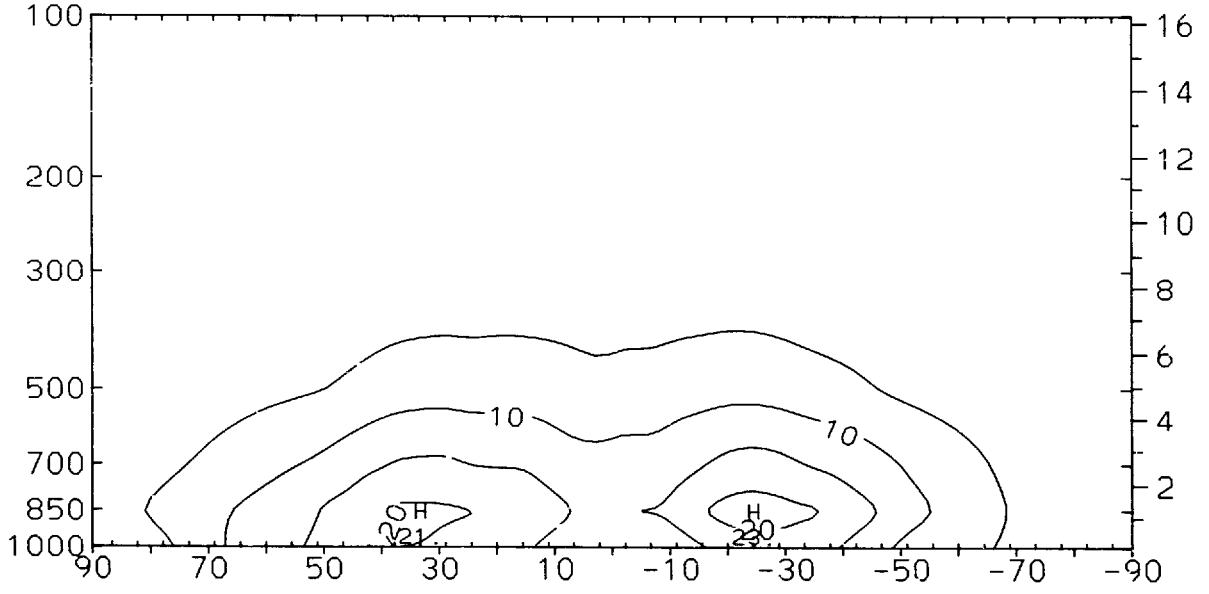



CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 85.789 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

SDQ (g kg$^{-1}$ X 10)

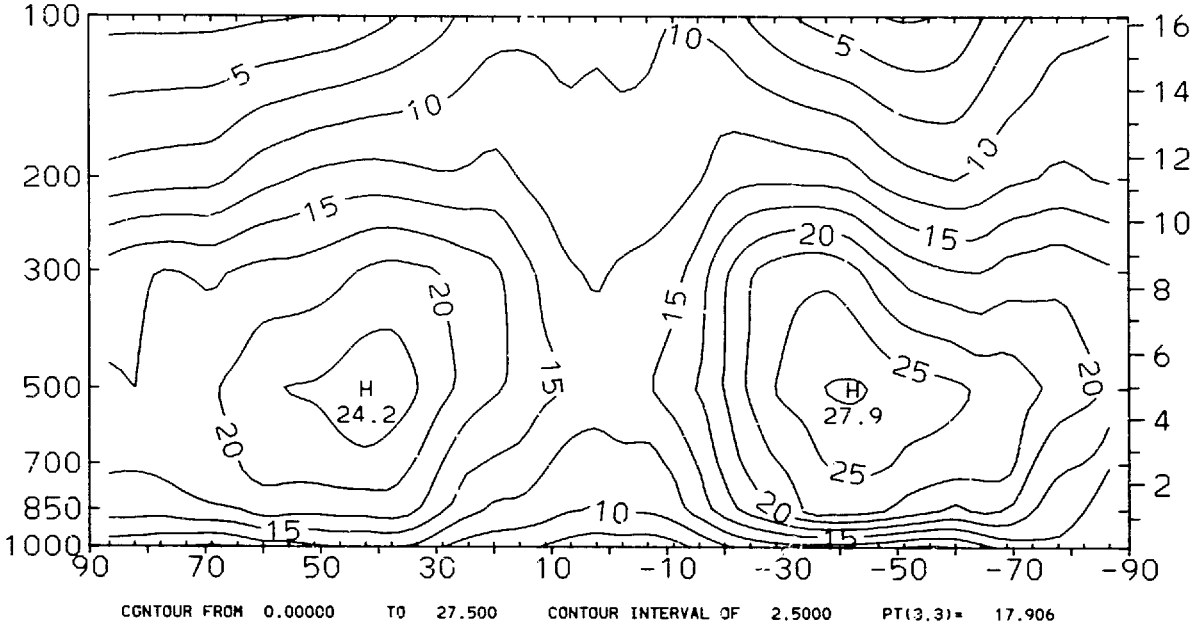



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.22061E-03 LABELS SCALED BY 10000.

FRAME 2.90

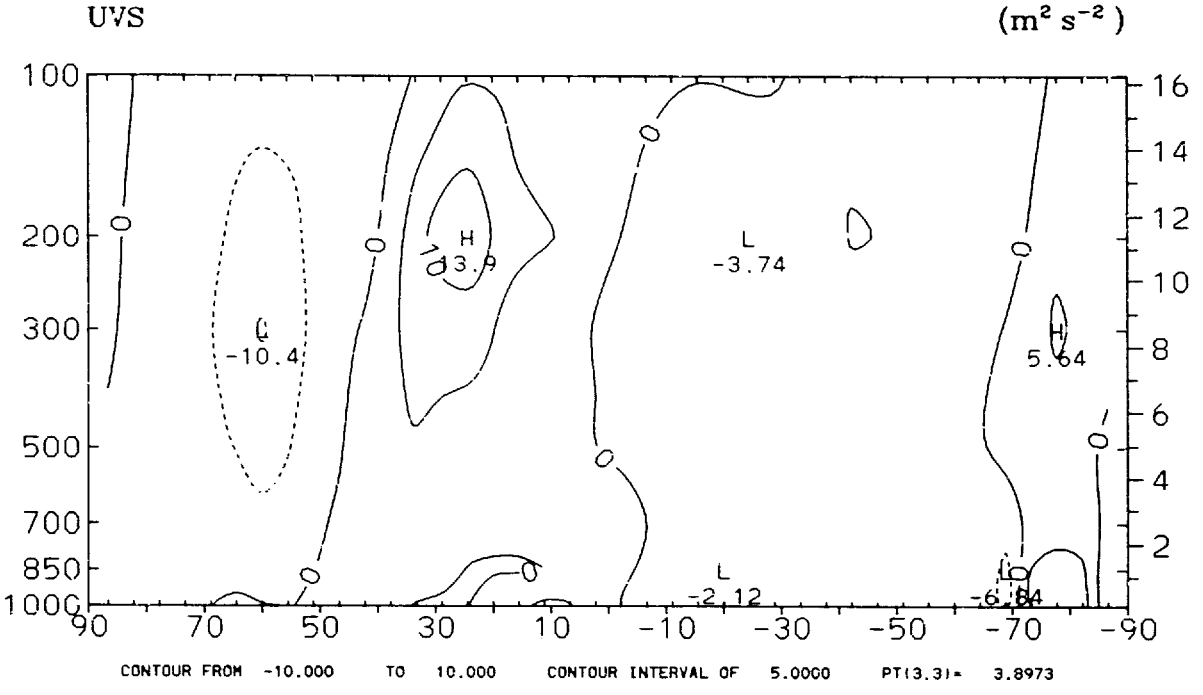
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)

SDRH (%)



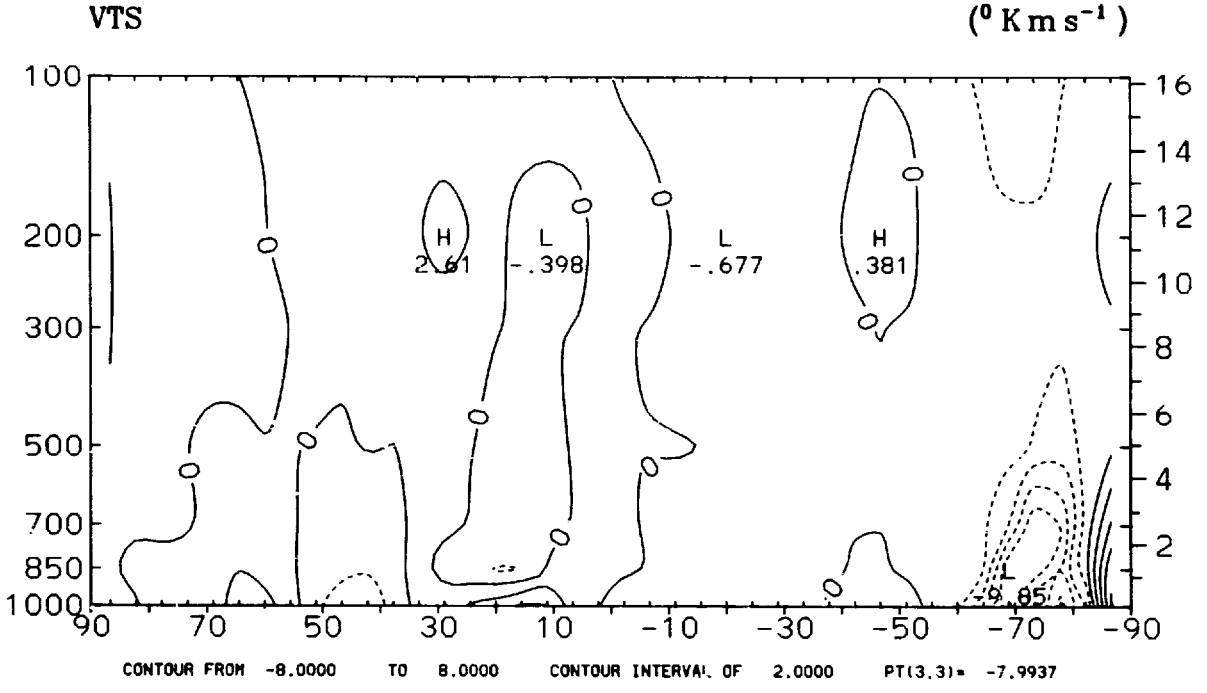

FRAME 2.91

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.92

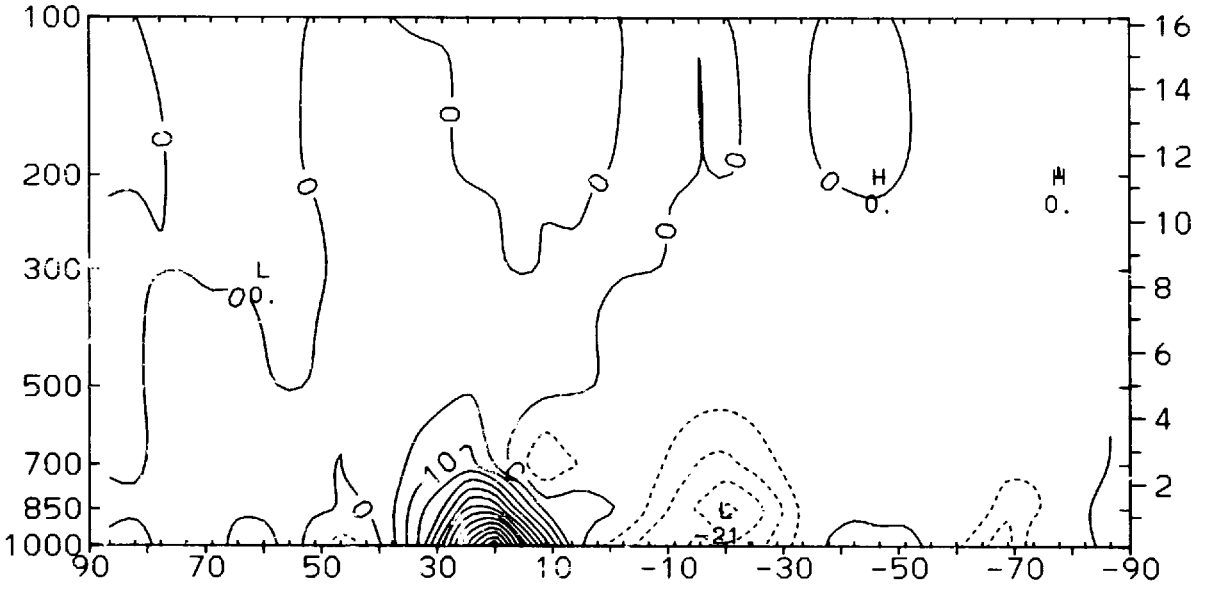
EC R15 MAY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.93

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

VQS $((g\,kg^{-1})m\,s^{-1}$ X 10)

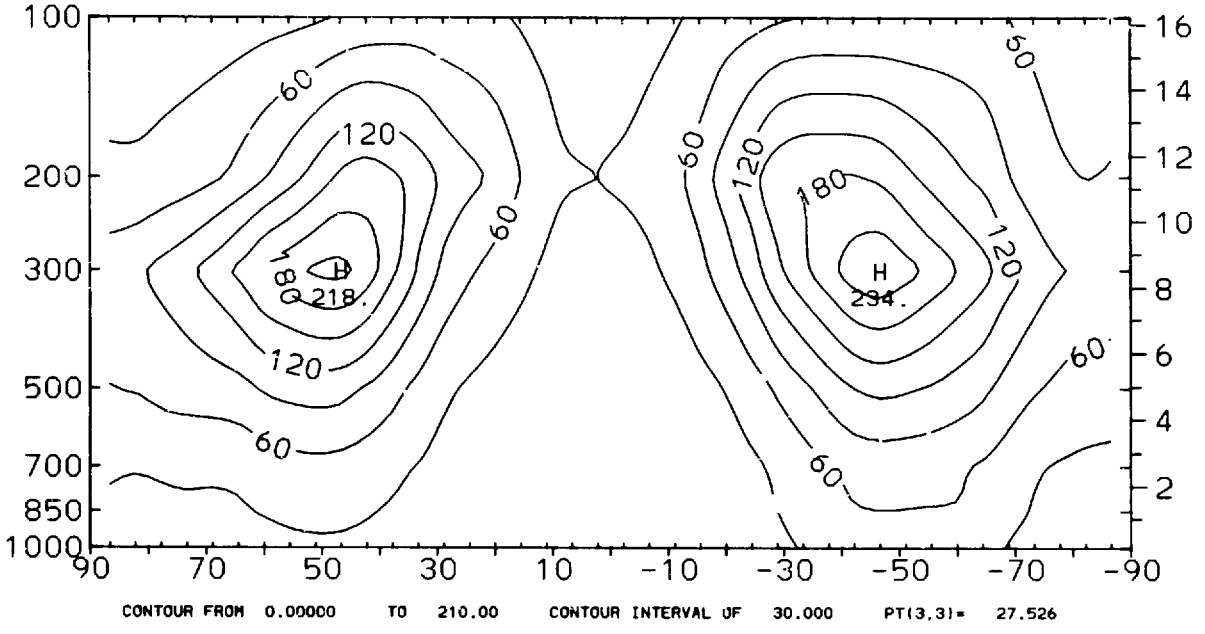



CONTOUR FROM -0.20000E-02 TO 0.75000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.28309E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 MAY (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




CONTOUR FROM 0.00000 TO 210.00 CONTOUR INTERVAL OF 30.000 PT(3,3)= 27.526

FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.P | A | 516.0 TO 3073.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 516.0 TO 3073.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 516.0 TO 3073.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 516.0 TO 3073.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 516.0 TO 3073.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 516.0 TO 3073.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 516.0 TO 3073.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 516.0 TO 3073.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 516.0 TO 3073.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 516.0 TO 3073.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 516.0 TO 3073.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 516.0 TO 3073.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 516.0 TO 3073.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 516.0 TO 3073.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 516.0 TO 3073.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 516.0 TO 3073.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 516.0 TO 3073.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 516.0 TO 3073.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 516.0 TO 3073.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 516.0 TO 3073.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 516.0 TO 3073.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 516.0 TO 3073.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 516.0 TO 3073.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 516.0 TO 3073.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 516.0 TO 3073.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 516.0 TO 3073.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 516.0 TO 3073.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 516.0 TO 3073.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 516.0 TO 3073.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 850.0P | A | 516.0 TO 3073.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 516.0 TO 3073.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 516.0 TO 3073.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 516.0 TO 3073.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 516.0 TO 3073.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 516.0 TO 3073.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 516.0 TO 3073.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 516.0 TO 3073.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 516.0 TO 3073.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 516.0 TO 3073.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 516.0 TO 3073.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 516.0 TO 3073.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 516.0 TO 3073.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 516.0 TO 3073.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 516.0 TO 3073.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 516.0 TO 3073.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 516.0 TO 3073.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 516.0 TO 3073.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 516.0 TO 3073.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 516.0 TO 3073.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 516.0 TO 3073.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 516.0 TO 3073.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 516.0 TO 3073.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 516.0 TO 3073.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 516.0 TO 3073.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 516.0 TO 3073.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 516.0 TO 3073.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 516.0 TO 3073.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 516.0 TO 3073.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 516.0 TO 3073.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 516.0 TO 3073.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 516.0 TO 3073.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 516.0 TO 3073.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 516.0 TO 3073.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 516.0 TO 3073.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 516.0 TO 3073.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 516.0 TO 3073.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 516.0 TO 3073.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 516.0 TO 3073.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 516.0 TO 3073.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 516.0 TO 3073.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 516.0 TO 3073.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 516.0 TO 3073.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 516.0 TO 3073.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 516.0 TO 3073.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 516.0 TO 3073.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 516.0 TO 3073.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 516.0 TO 3073.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 516.0 TO 3073.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 516.0 TO 3073.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 516.0 TO 3073.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 516.0 TO 3073.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 516.0 TO 3073.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 516.0 TO 3073.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 516.0 TO 3073.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 516.0 TO 3073.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 516.0 TO 3073.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 516.0 TO 3073.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 516.0 TO 3073.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 516.0 TO 3073.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 516.0 TO 3073.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 516.0 TO 3073.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 516.0 TO 3073.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 516.0 TO 3073.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 516.0 TO 3073.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 516.0 TO 3073.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 516.0 TO 3073.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 516.0 TO 3073.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 516.0 TO 3073.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 516.0 TO 3073.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 516.0 TO 3073.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 516.0 TO 3073.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 516.0 TO 3073.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 516.0 TO 3073.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 516.0 TO 3073.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 516.0 TO 3073.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 516.0 TO 3073.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 516.0 TO 3073.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 516.0 TO 3073.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 516.0 TO 3073.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 516.0 TO 3073.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 516.0 TO 3073.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 516.0 TO 3073.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 516.0 TO 3073.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 516.0 TO 3073.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 516.0 TO 3073.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 516.0 TO 3073.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 516.0 TO 3073.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 516.0 TO 3073.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 516.0 TO 3073.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 516.0 TO 3073.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 516.0 TO 3073.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 516.0 TO 3073.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 516.0 TO 3073.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 516.0 TO 3073.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 516.0 TO 3073.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 516.0 TO 3073.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 516.0 TO 3073.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 516.0 TO 3073.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 516.0 TO 3073.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 516.0 TO 3073.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 516.0 TO 3073.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 516.0 TO 3073.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 516.0 TO 3073.0 |

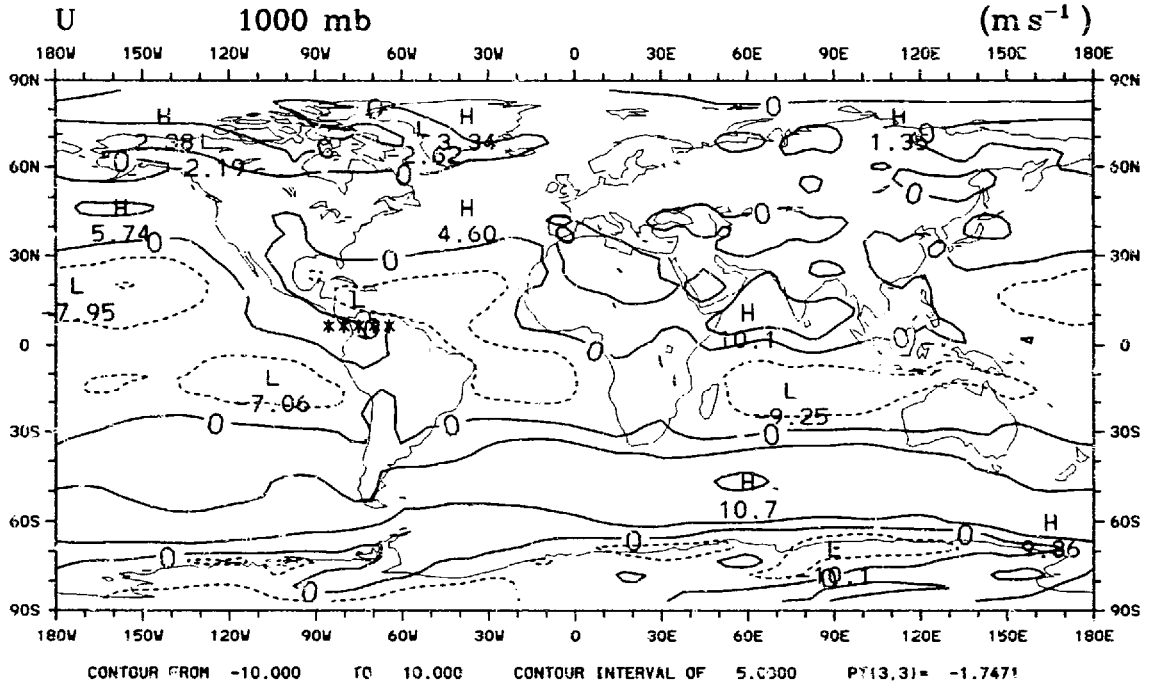
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 516.0 TO 3073.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 516.0 TO 3073.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 516.0 TO 3073.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 516.0 TO 3073.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 516.0 TO 3073.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 516.0 TO 3073.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 516.0 TO 3073.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 516.0 TO 3073.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 516.0 TO 3073.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 516.0 TO 3073.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 516.0 TO 3073.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 516.0 TO 3073.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 516.0 TO 3073.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 516.0 TO 3073.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 516.0 TO 3073.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 516.0 TO 3073.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 516.0 TO 3073.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 516.0 TO 3073.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 516.0 TO 3073.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 516.0 TO 3073.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 516.0 TO 3073.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 516.0 TO 3073.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 516.0 TO 3073.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 516.0 TO 3073.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 516.0 TO 3073.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 516.0 TO 3073.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 516.0 TO 3073.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 516.0 TO 3073.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 516.0 TO 3073.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 516.0 TO 3073.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 516.0 TO 3073.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 516.0 TO 3073.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 516.0 TO 3073.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 516.0 TO 3073.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 516.0 TO 3073.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 516.0 TO 3073.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 516.0 TO 3073.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 516.0 TO 3073.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 516.0 TO 3073.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 516.0 TO 3073.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 516.0 TO 3073.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 516.0 TO 3073.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 516.0 TO 3073.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 516.0 TO 3073.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 516.0 TO 3073.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 516.0 TO 3073.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 516.0 TO 3073.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 516.0 TO 3073.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 516.0 TO 3073.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 516.0 TO 3073.0 |

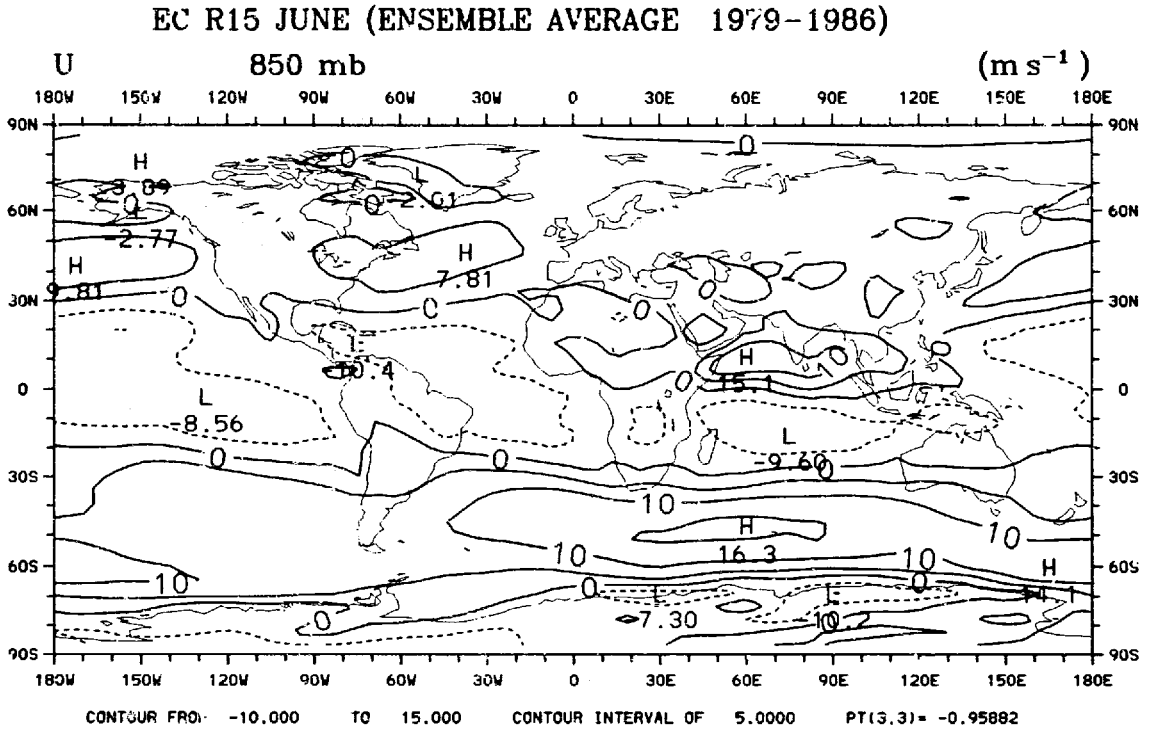
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 516.0 TO 3073.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 516.0 TO 3073.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 516.0 TO 3073.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 516.0 TO 3073.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 516.0 TO 3073.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 516.0 TO 3073.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 516.0 TO 3073.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 516.0 TO 3073.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 516.0 TO 3073.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 516.0 TO 3073.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 516.0 TO 3073.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 516.0 TO 3073.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SUU | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 516.0 TO 3073.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 516.0 TO 3073.0 |

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

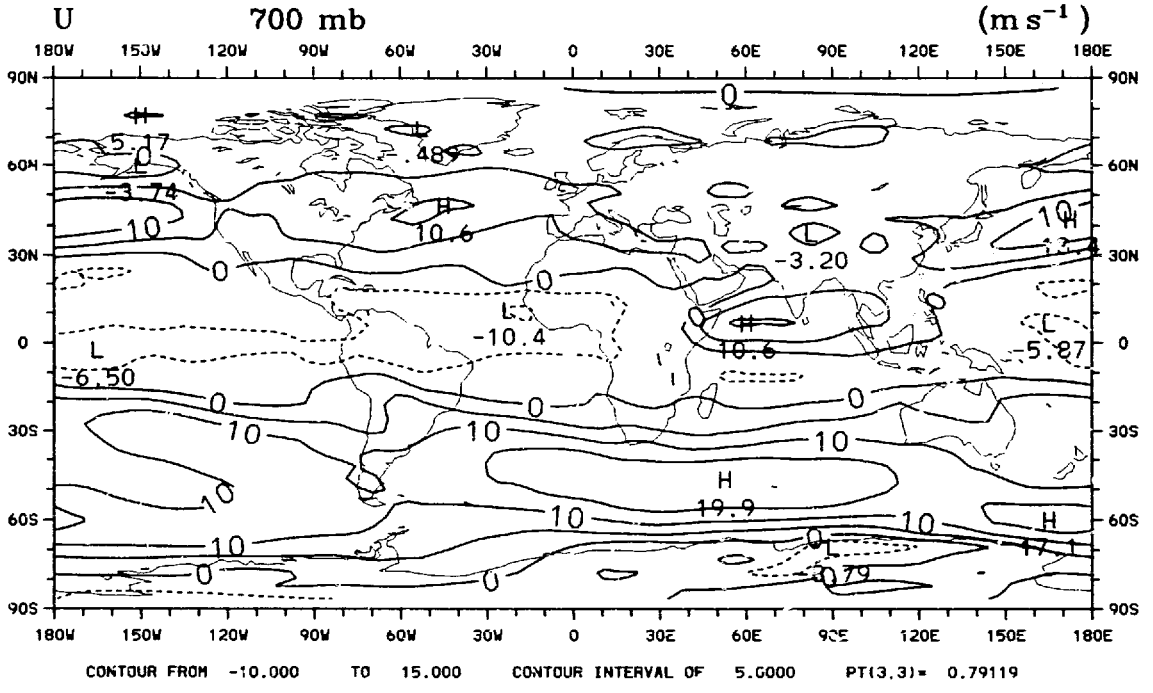



FRAME 1.1


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
U
850 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
L
0
10
-2.77
7.81
-8.56
-9.60
16.3
-7.30
CONTOUR FRO -10.000 TO 15.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -0.95882

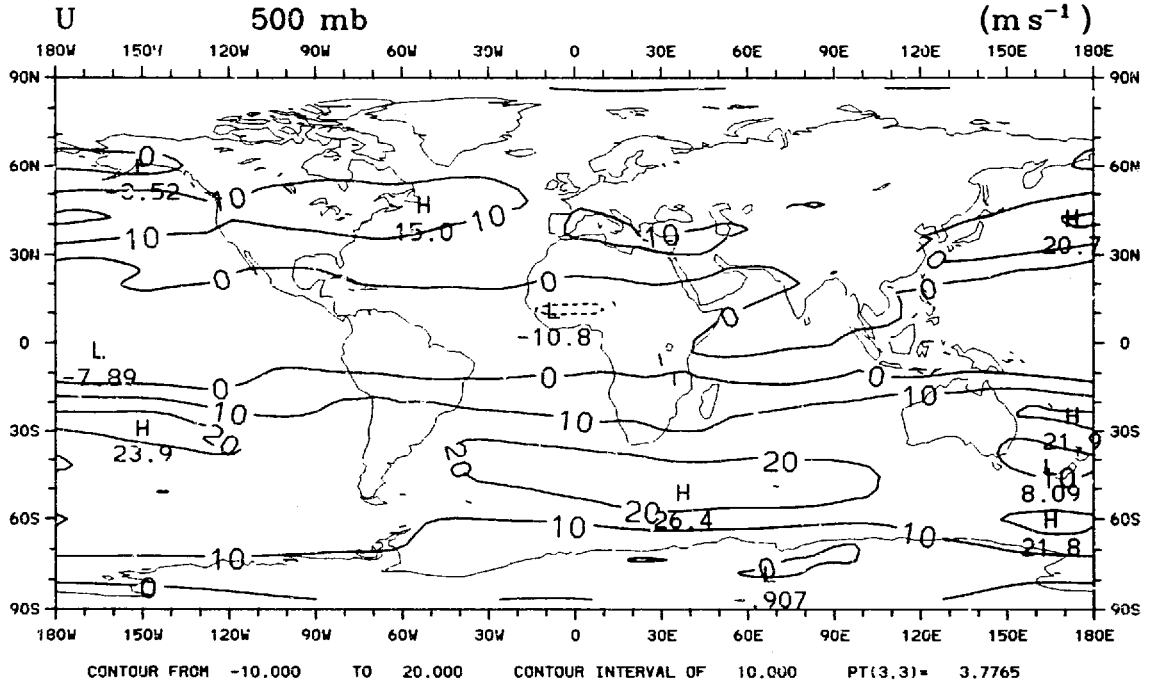
FRAME 1.2

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



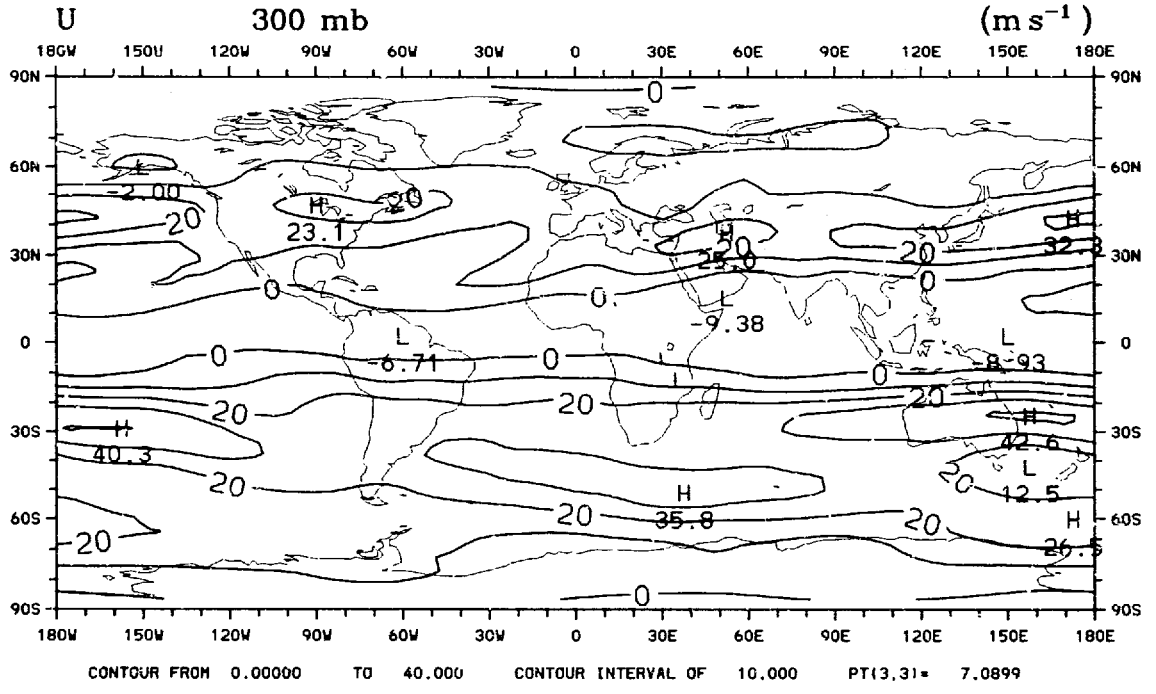

FRAME 1.3

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



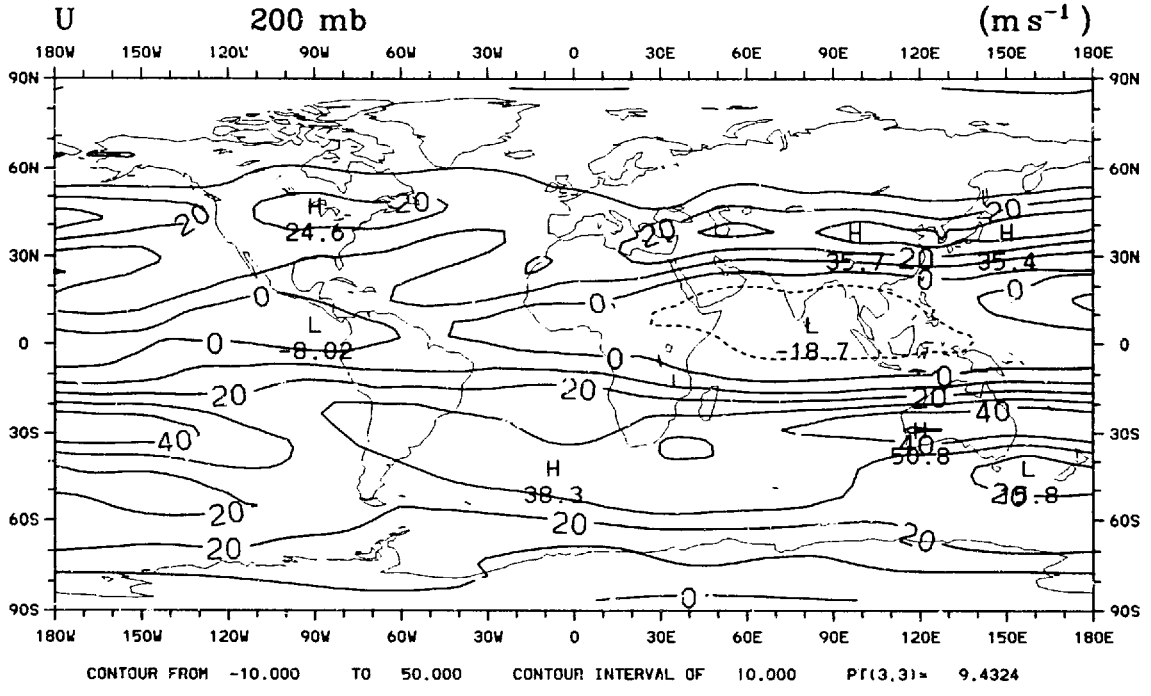

FRAME 1.4

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



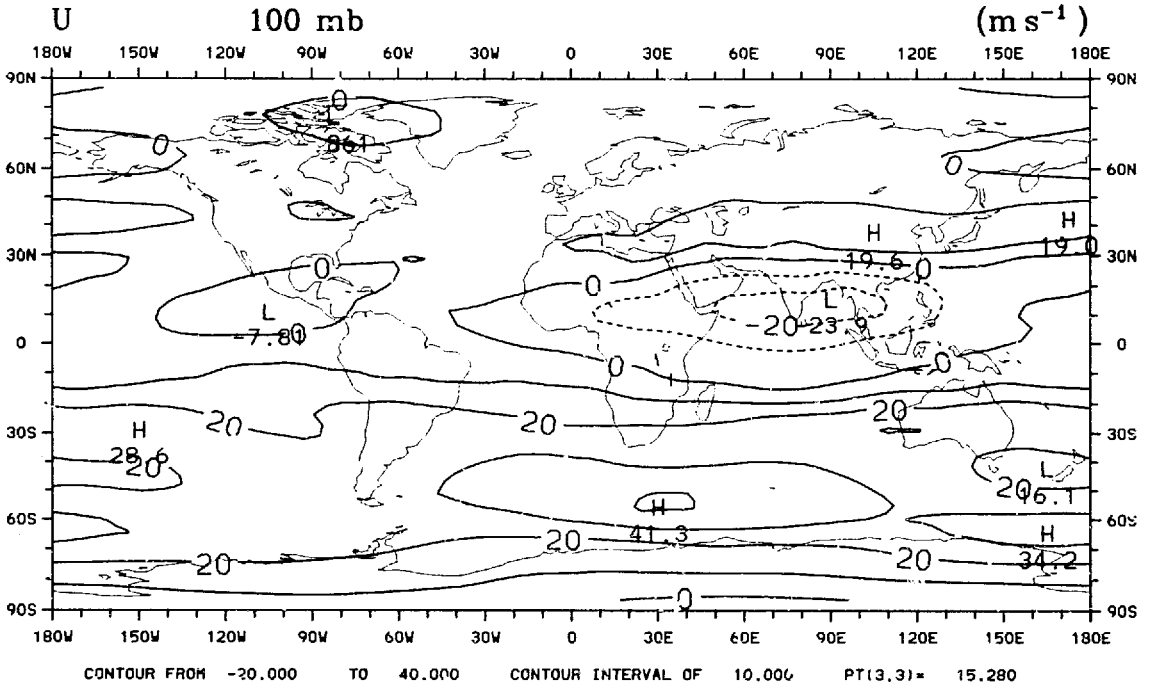

FRAME 1.5

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



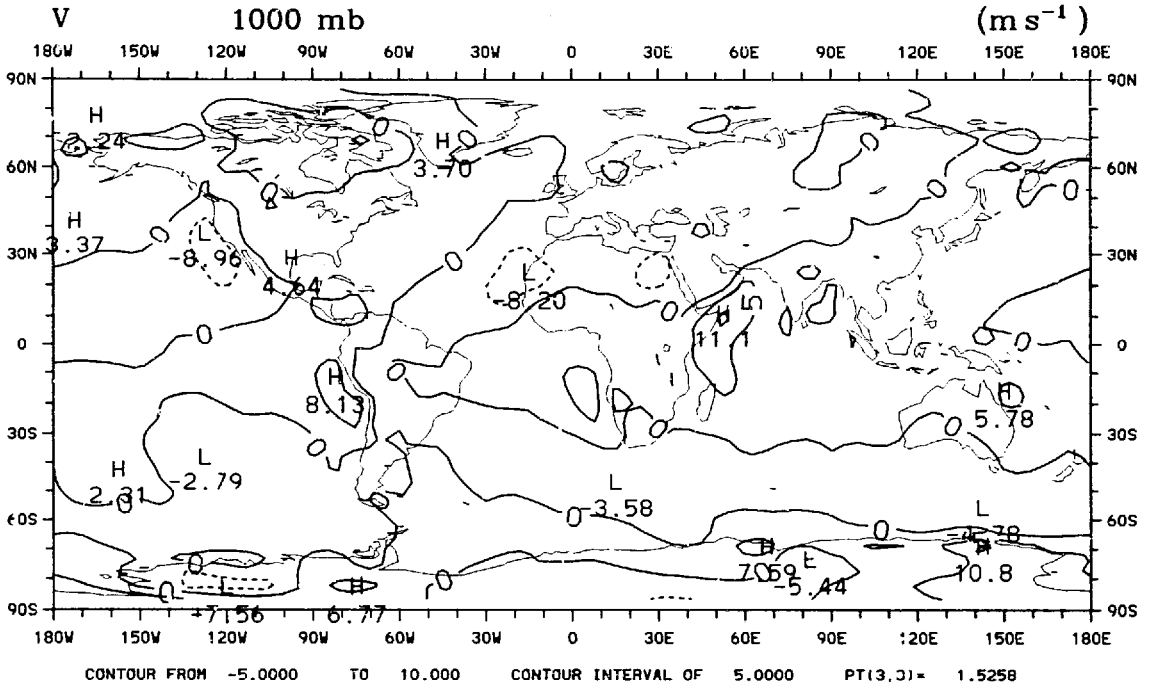

FRAME 1.6

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



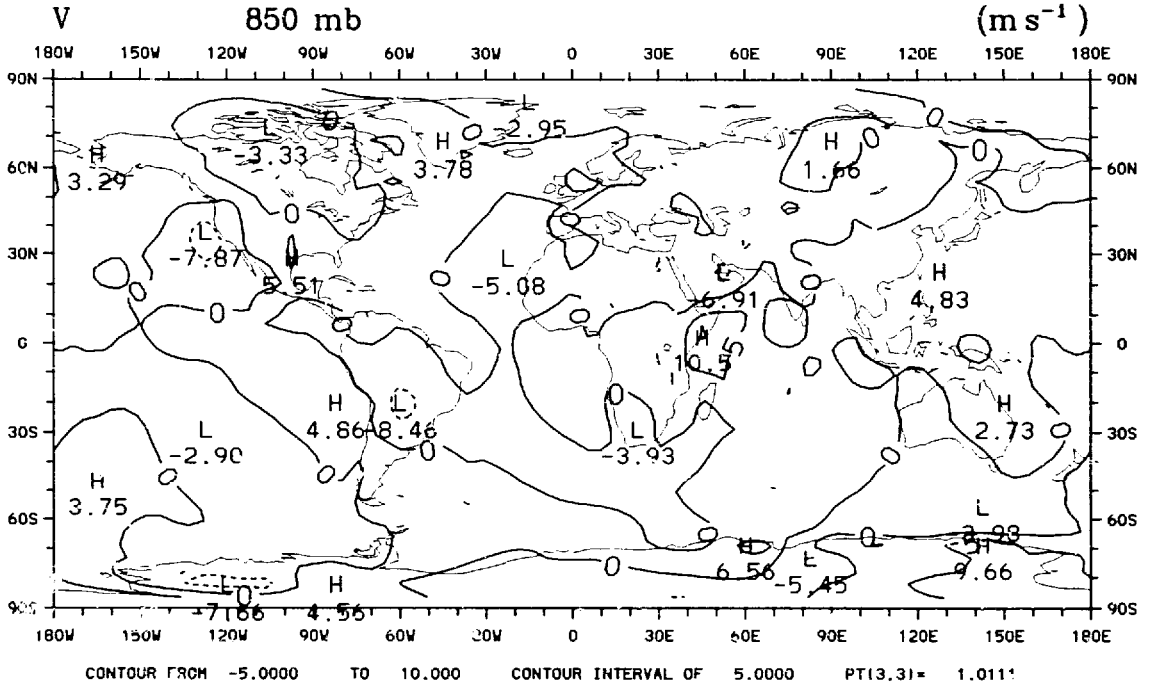

FRAME 1.7

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

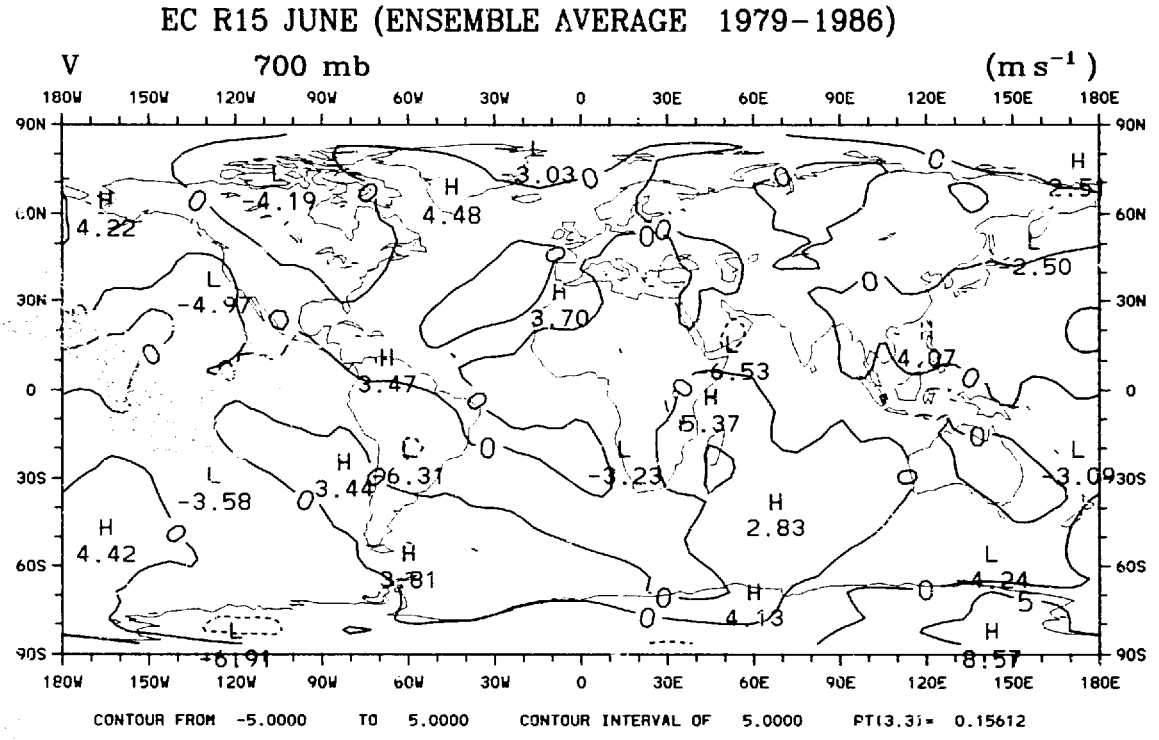



FRAME 1.8

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

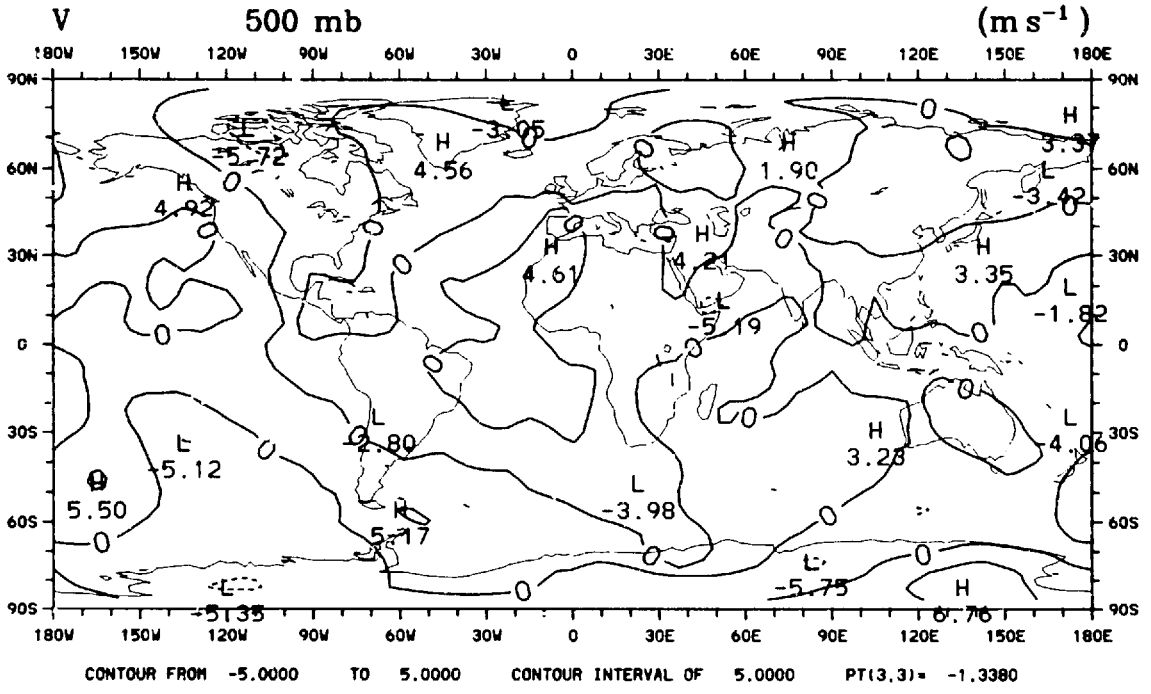



FRAME 1.9

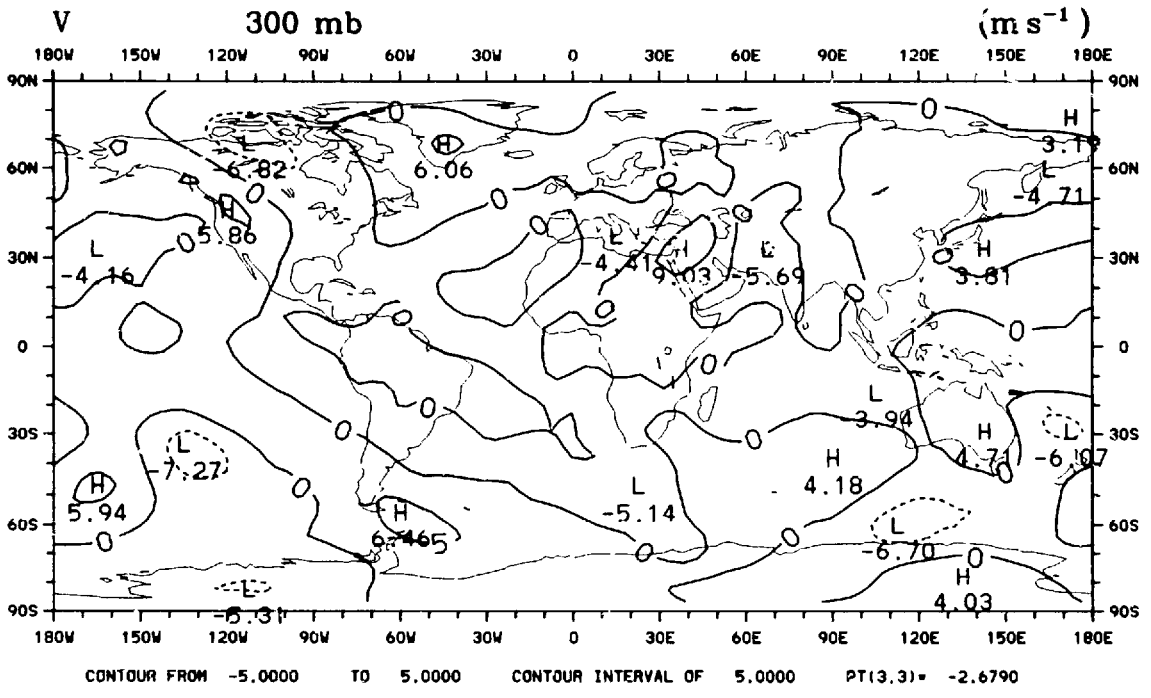

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
V
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 4.22
L -4.19
H 4.48
H 3.03
H 2.51
L -4.97
H 3.70
L 2.50
H 3.47
L 6.53
H 5.37
4.07
L -3.58
H 3.44
L 6.31
L -3.23
H 2.83
L -3.09
H 4.42
H 3.81
L 4.24
H 4.13
L 6.91
H 8.57
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 0.15612

FRAME 1.10

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

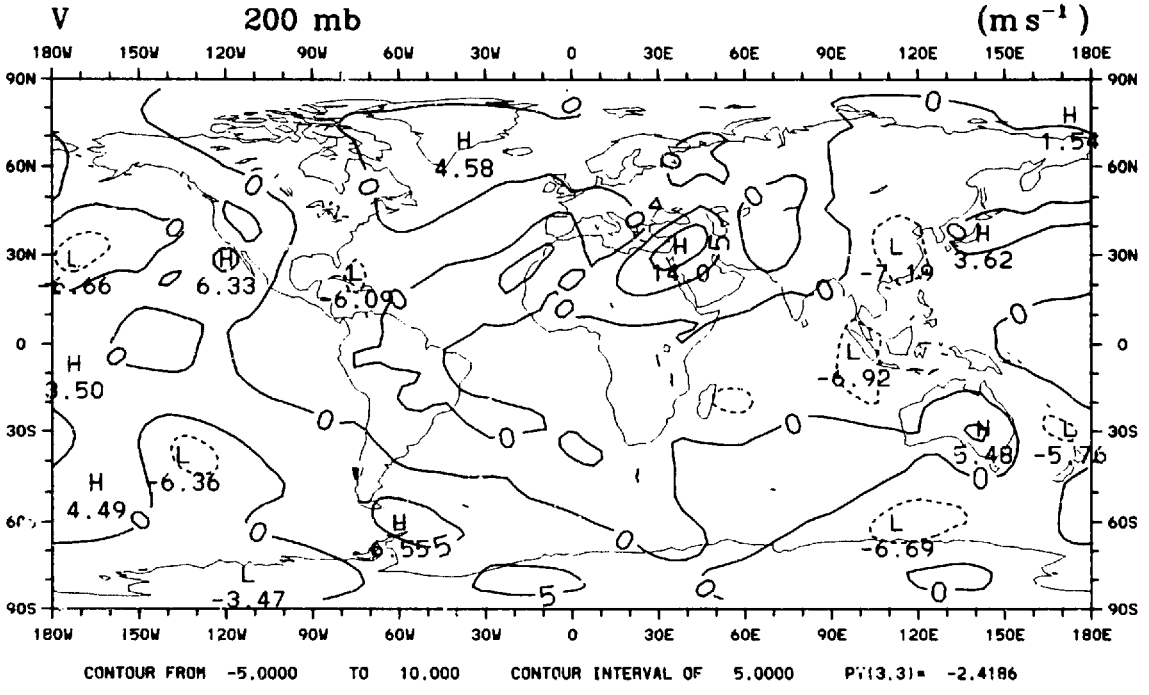



FRAME 1.11


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
V
300 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-6.82
6.06
5.86
-4.16
-4.41
9.03
-5.69
3.81
-4.71
3.94
4.71
-6.07
-7.27
5.94
6.46
-5.14
4.18
-6.70
4.03
-6.31
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -2.6790

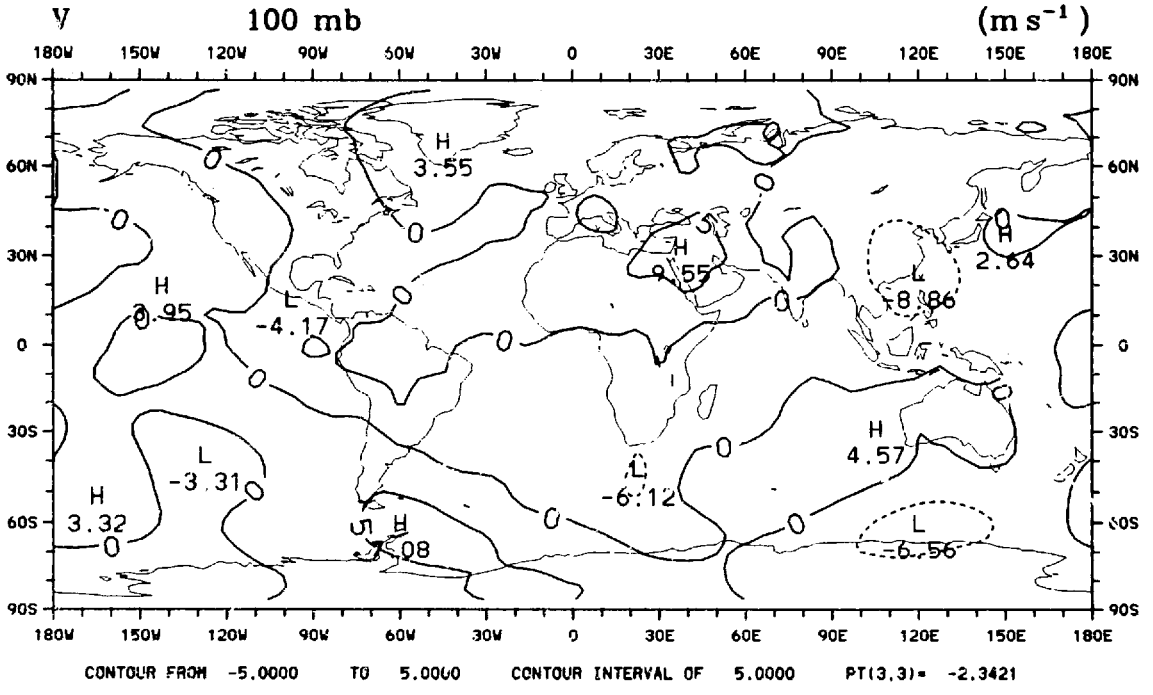
FRAME 1.12

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



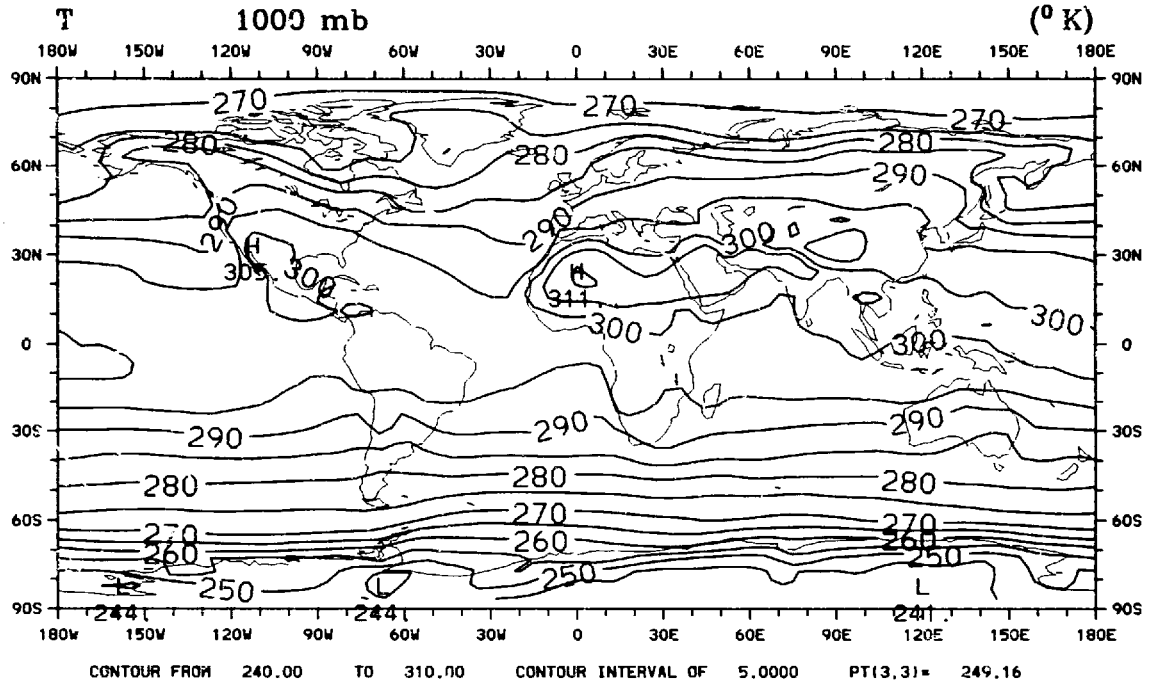

FRAME 1.13

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



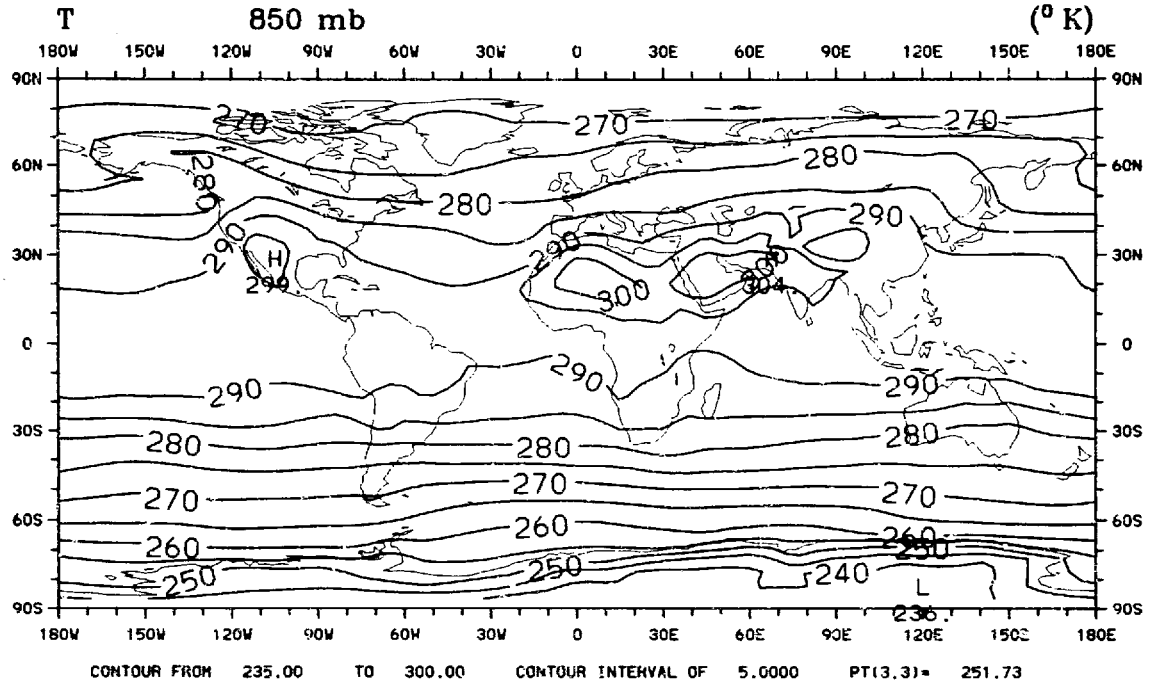

FRAME 1,14

# EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



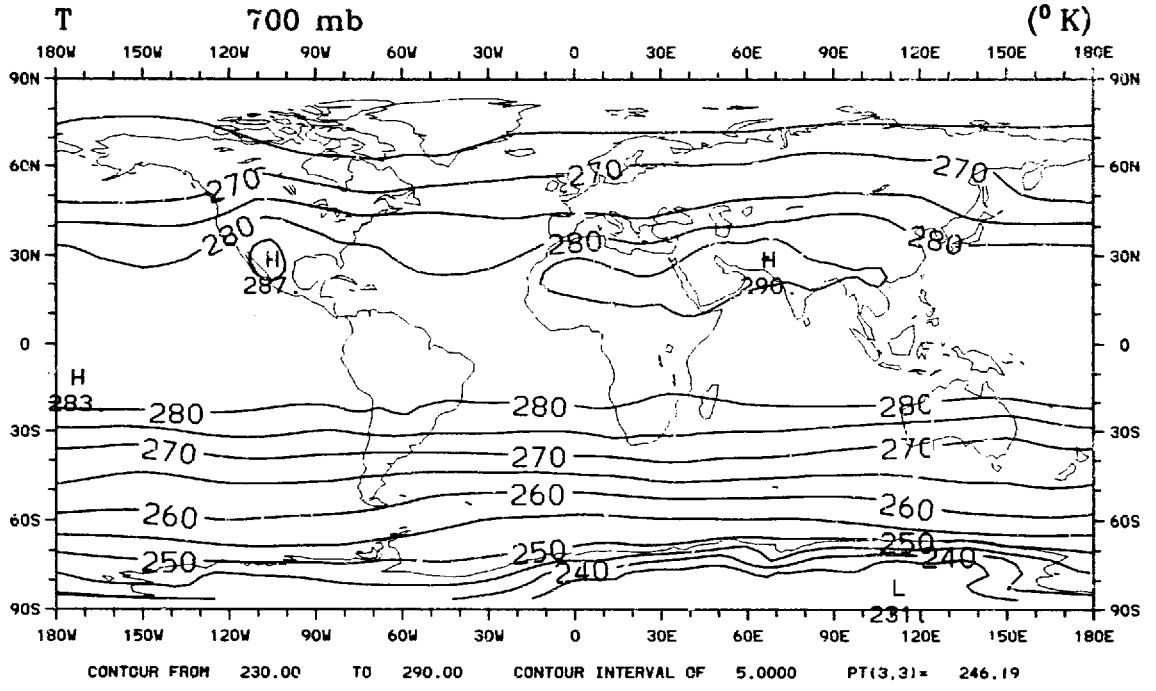

FRAME 1.15

# EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



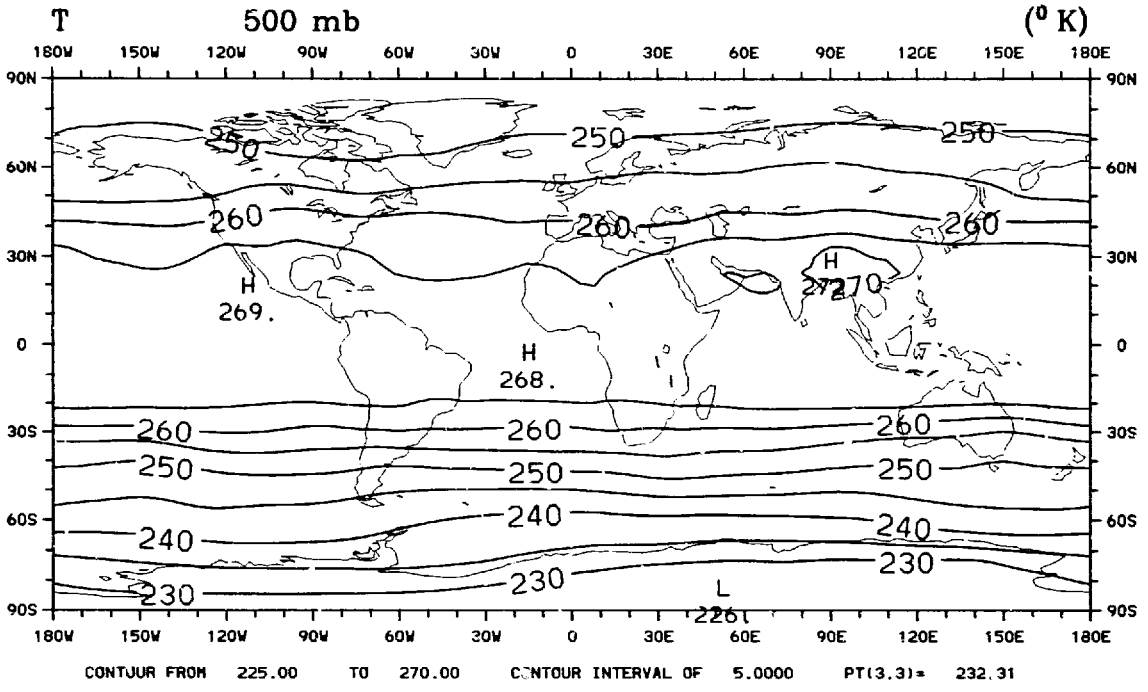

FRAME 1.16

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



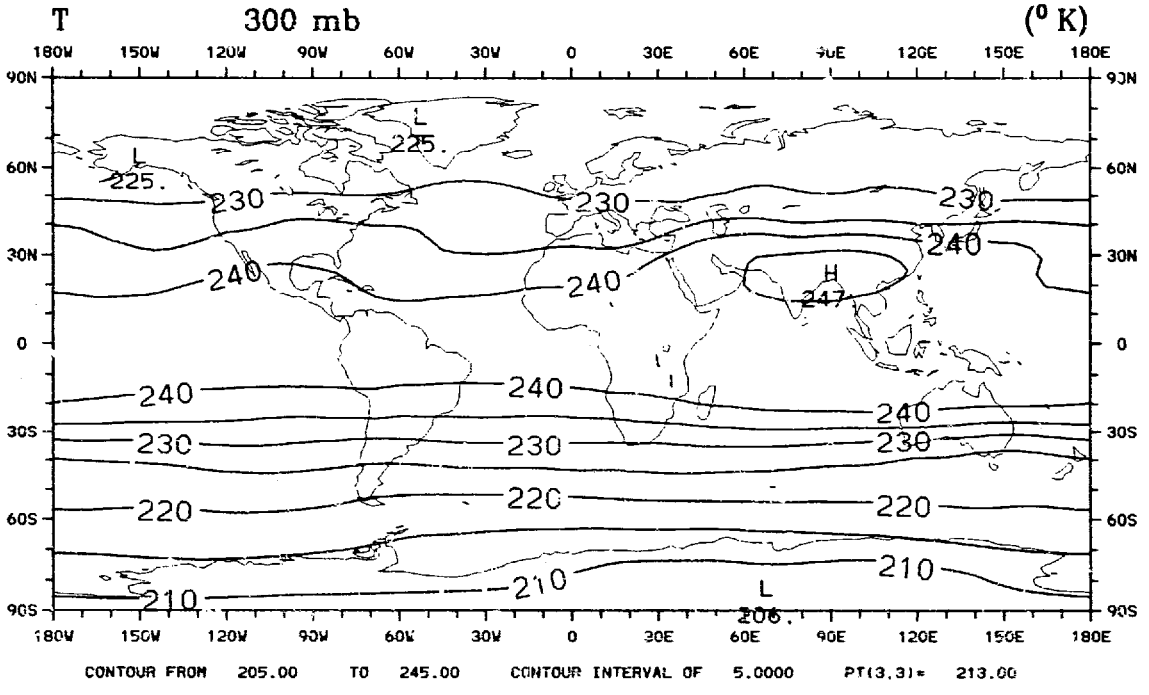

FRAME 1.17

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



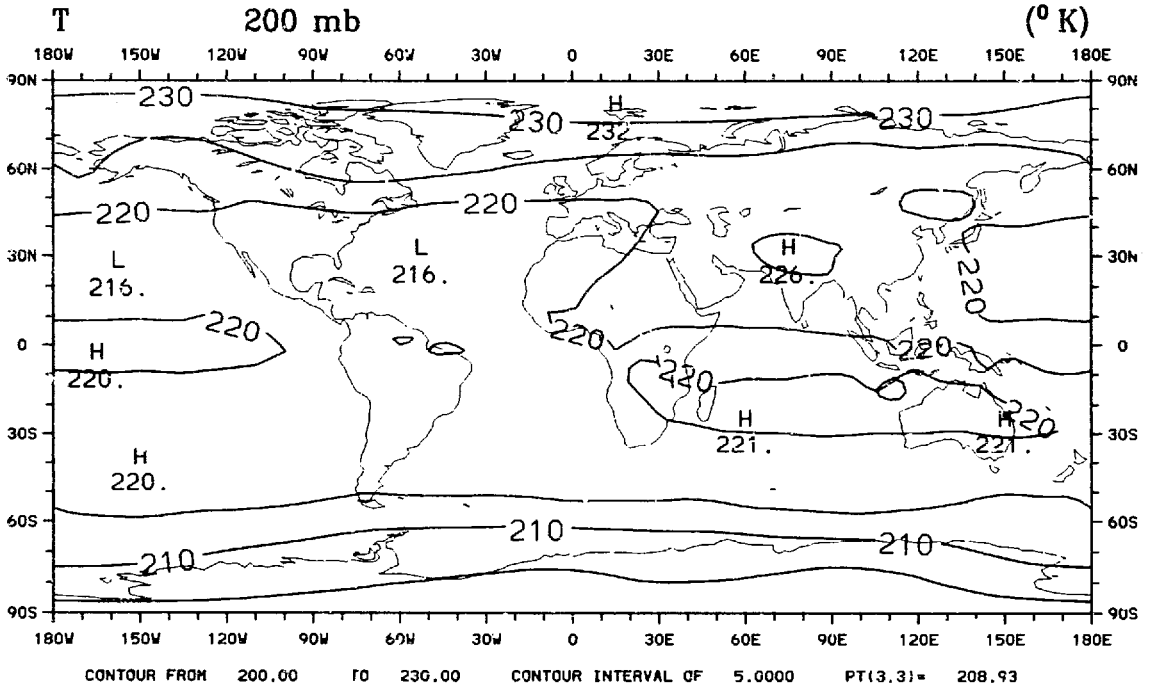

FRAME 1.18

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



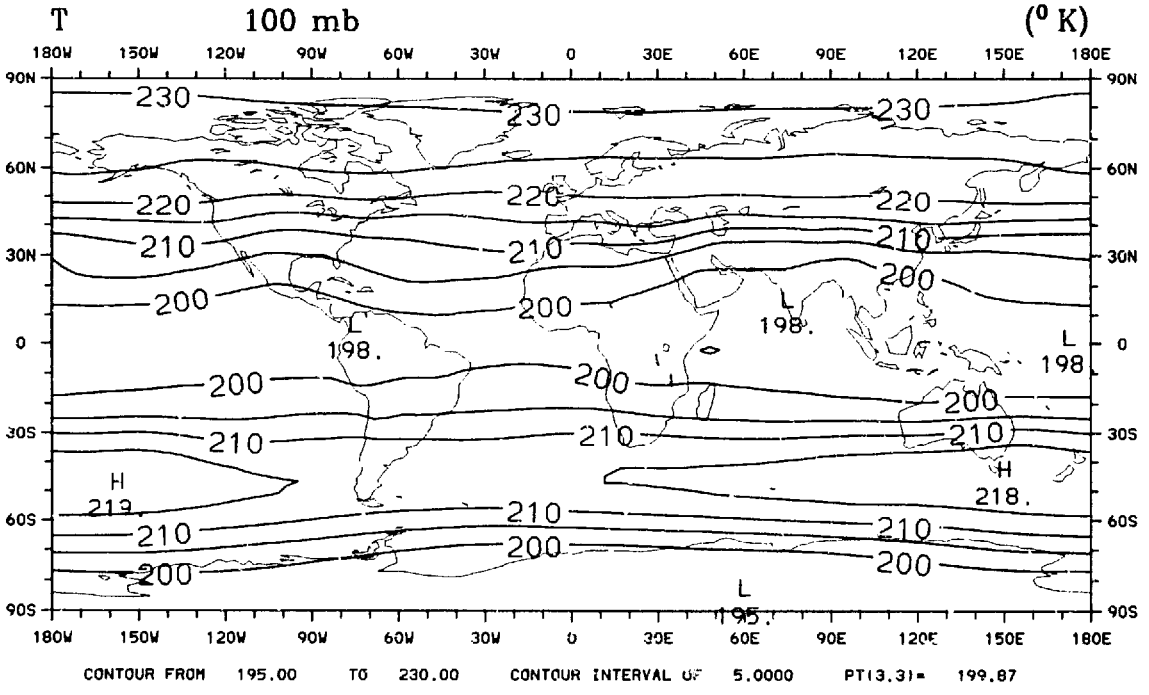

FRAME 1.19

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



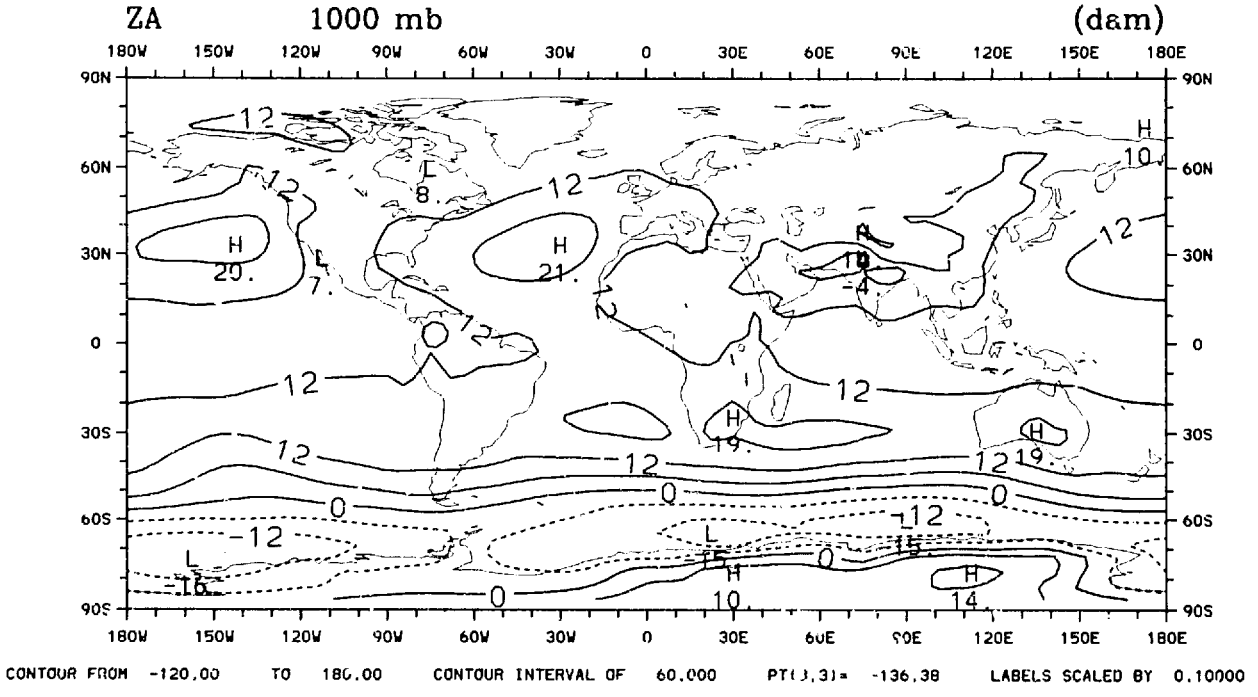

FRAME 1.20

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.21

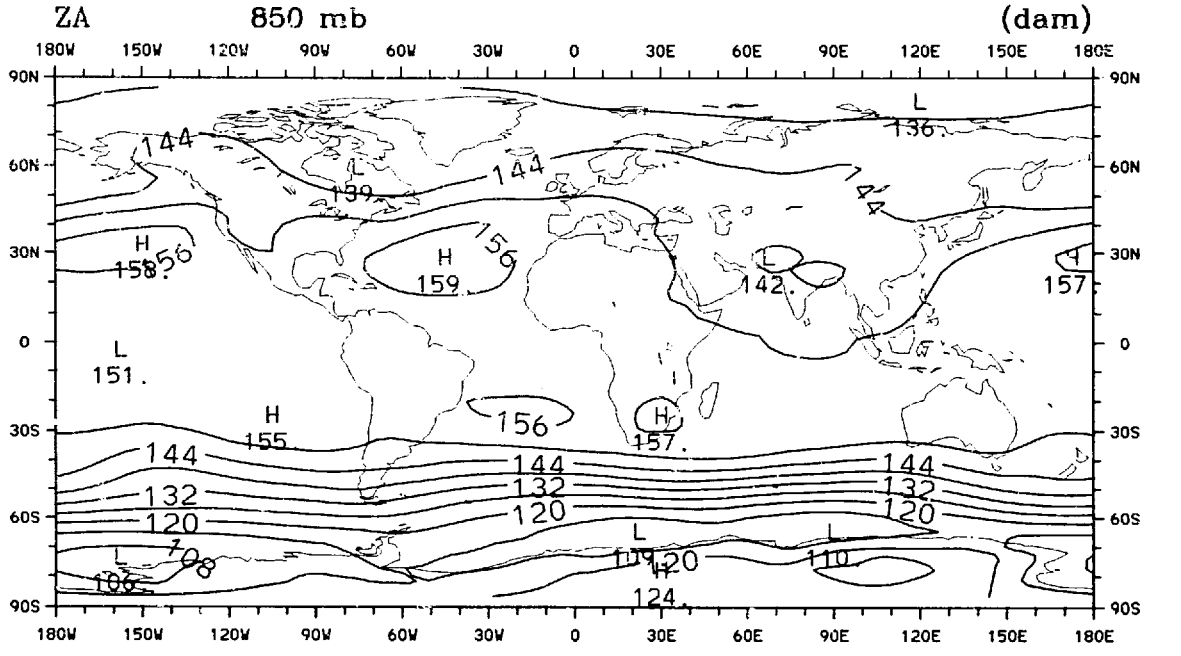
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -120.00 TO 180.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -136.38 LABELS SCALED BY 0.10000

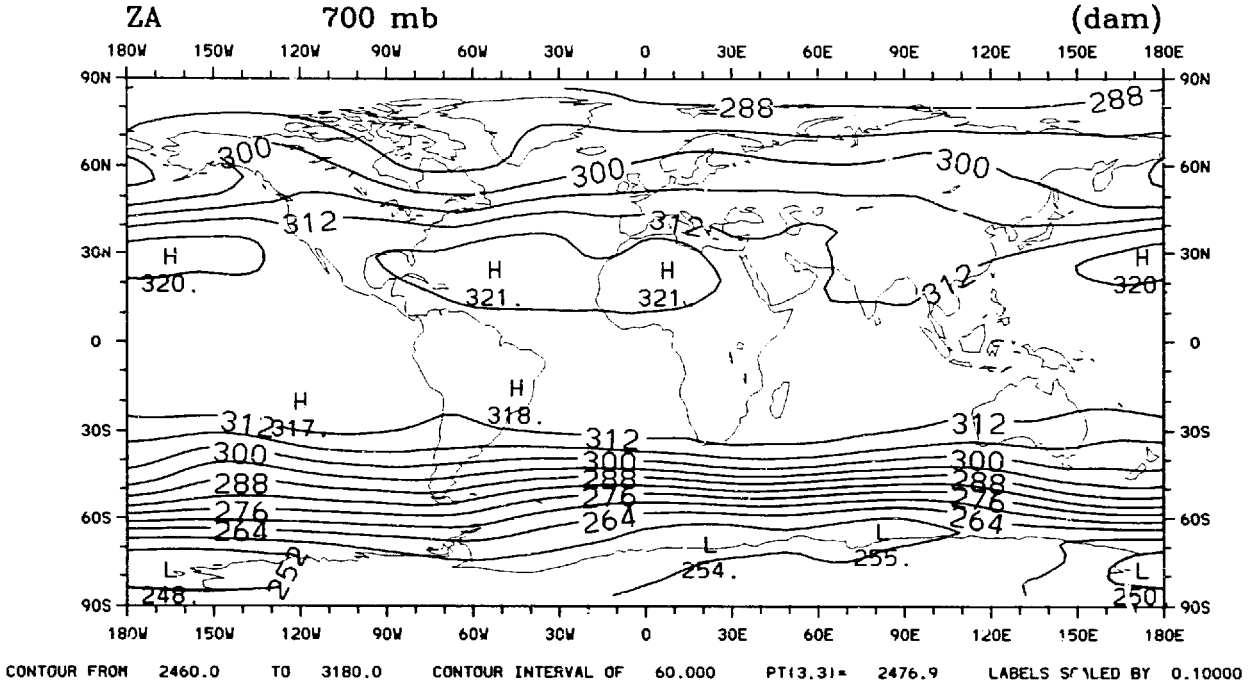
FRAME 1.22

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.23

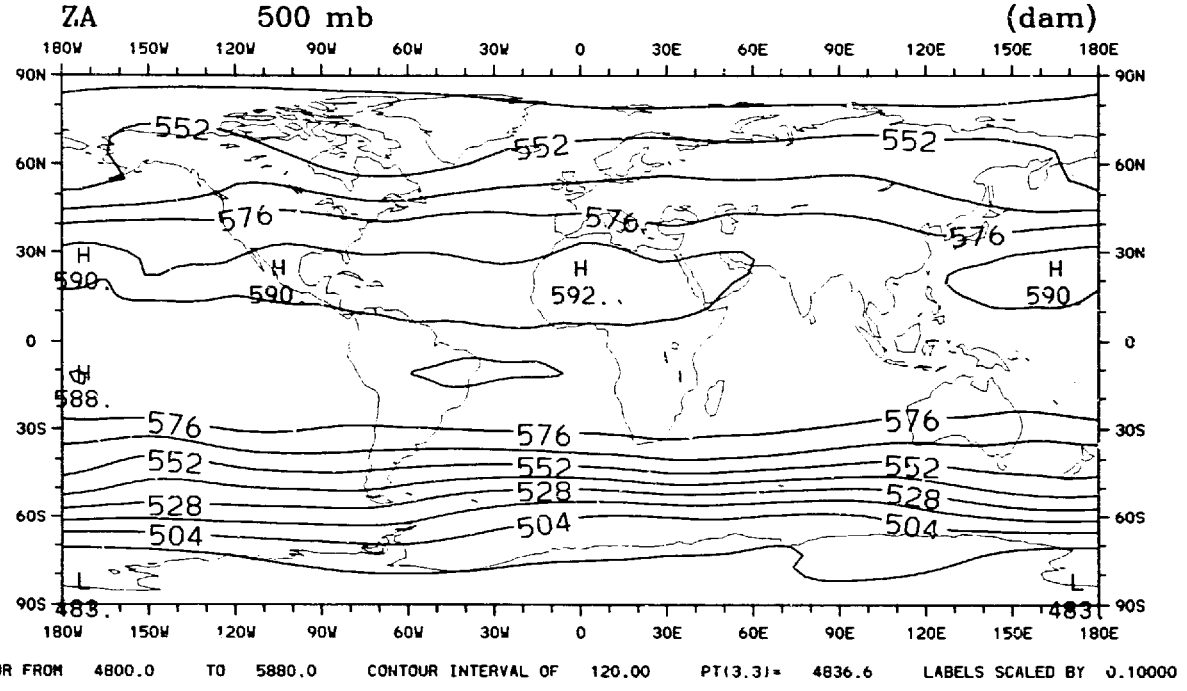
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 2460.0 TO 3180.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 2476.9 LABELS SCALED BY 0.10000

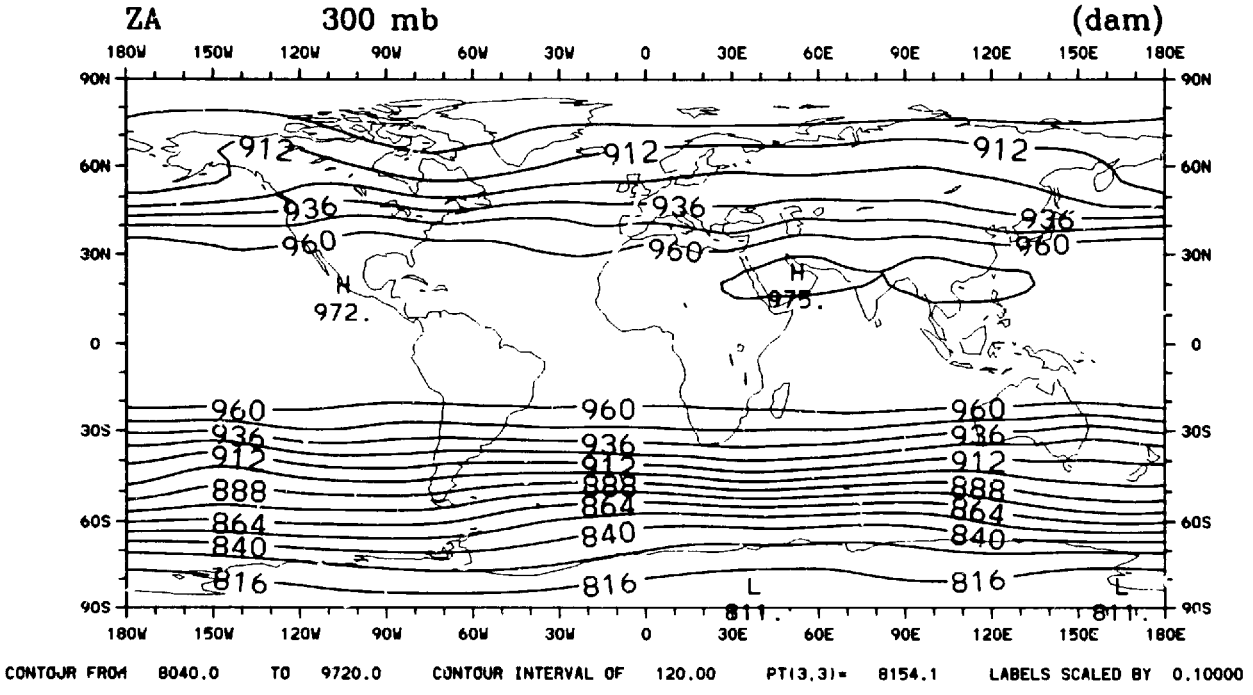
FRAME 1.24

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



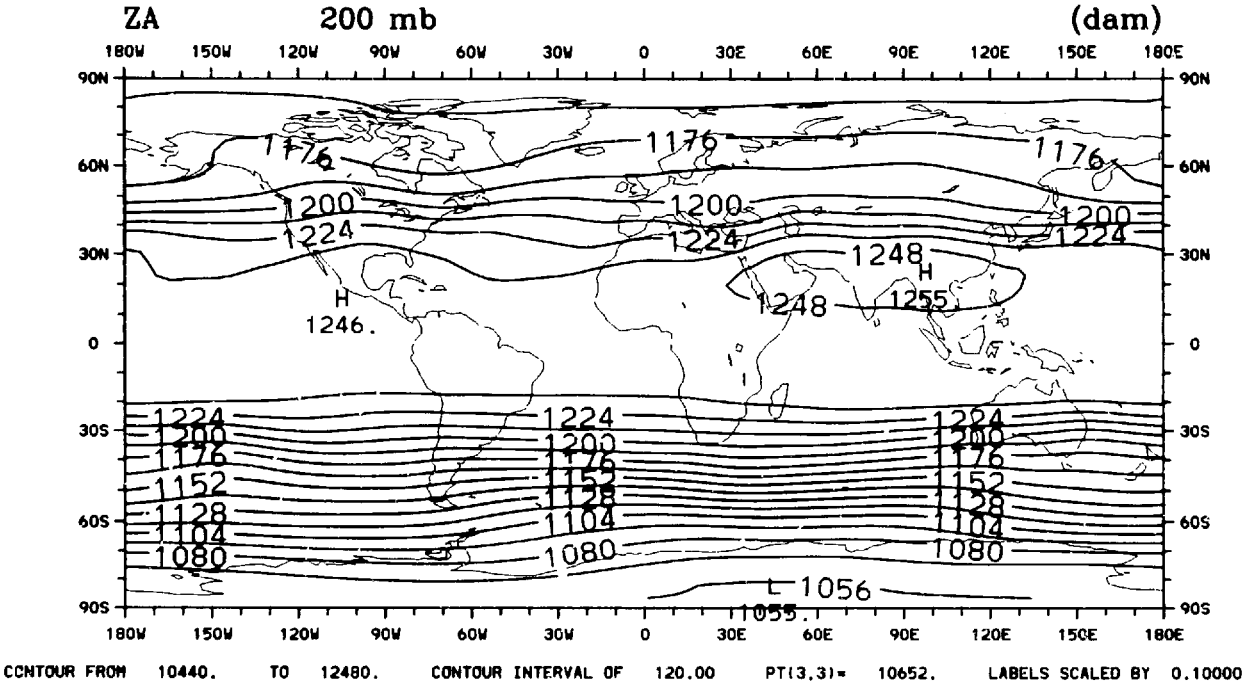

CONTOUR FROM 4800.0 TO 5880.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 4836.6 LABELS SCALED BY 0.10000

FRAME 1.25


EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)
ZA
300 mb
(dam)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
912
936
960
H
972.
H
975.
960
936
912
888
864
840
816
L
811.
L
811.
CONTOUR FROM 8040.0 TO 9720.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 8154.1 LABELS SCALED BY 0.10000

FRAME 1.26

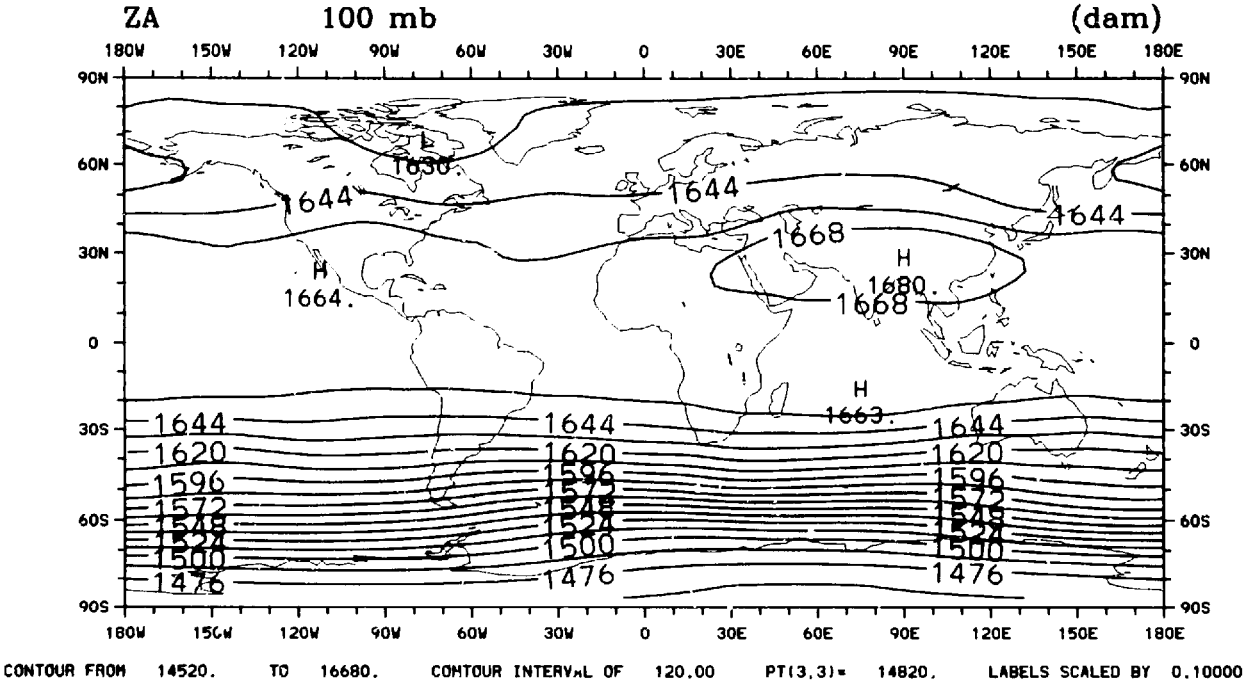
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



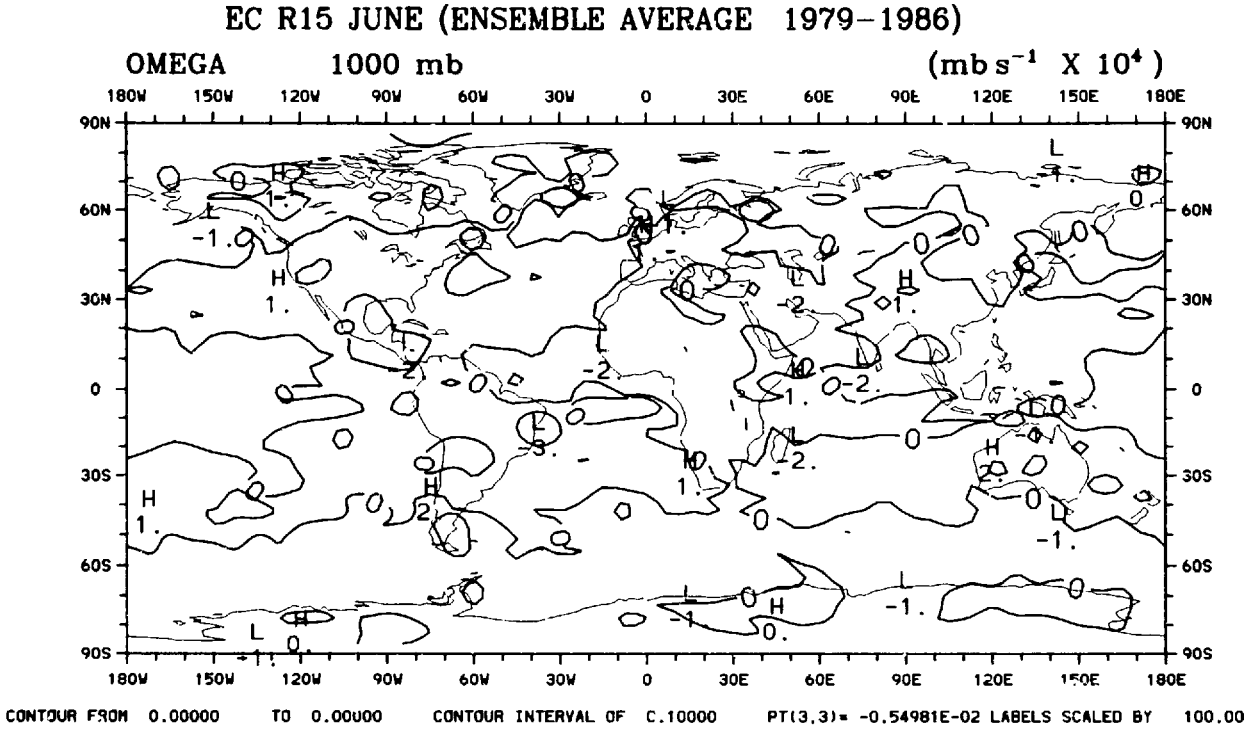

CONTOUR FROM 10440. TO 12480. CONTOUR INTERVAL OF 120.00 PT(3,3)= 10652. LABELS SCALED BY 0.10000

FRAME 1.27

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

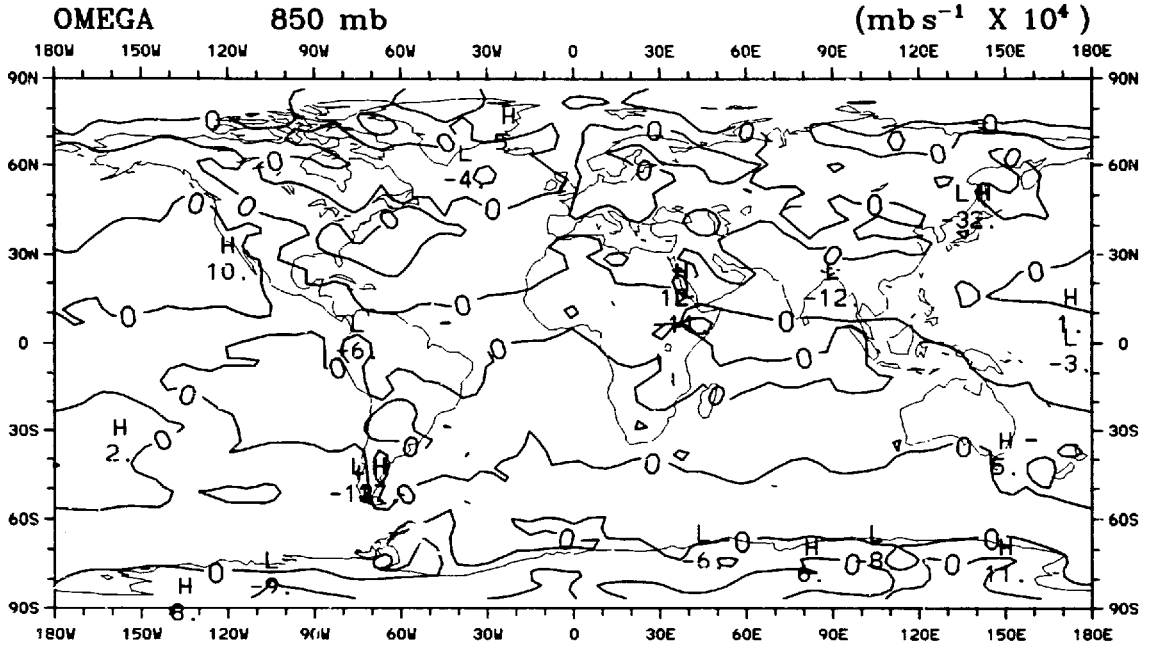



FRAME 1.28


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
OMEGA 1000 mb
(mb s$^{-1}$ X 10$^{4}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.54981E-02 LABELS SCALED BY 100.00

FRAME 1.29

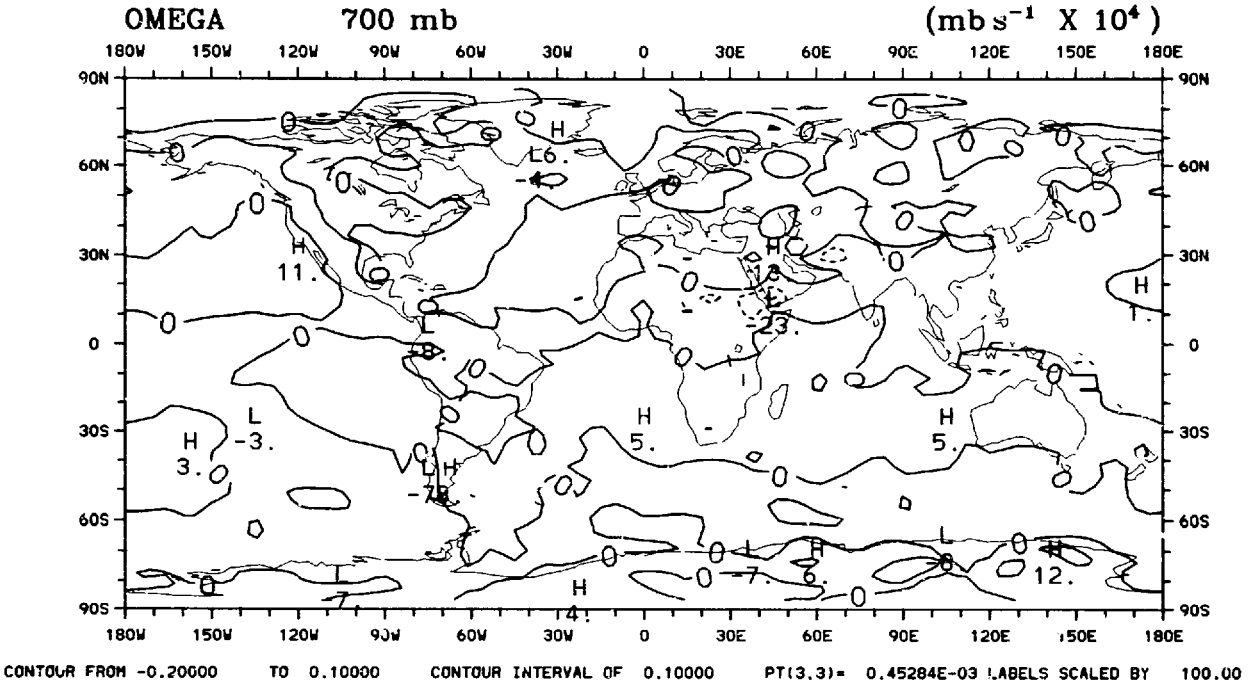
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.41545E-02 LABELS SCALED BY 100.00

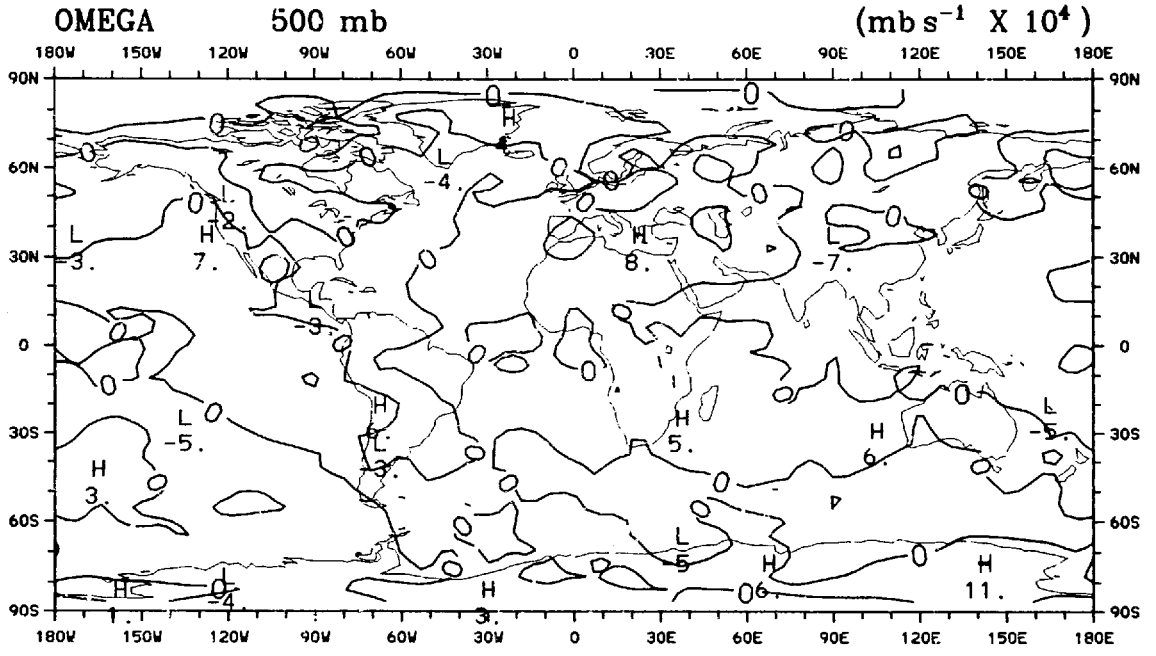
FRAME 1,30

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.31

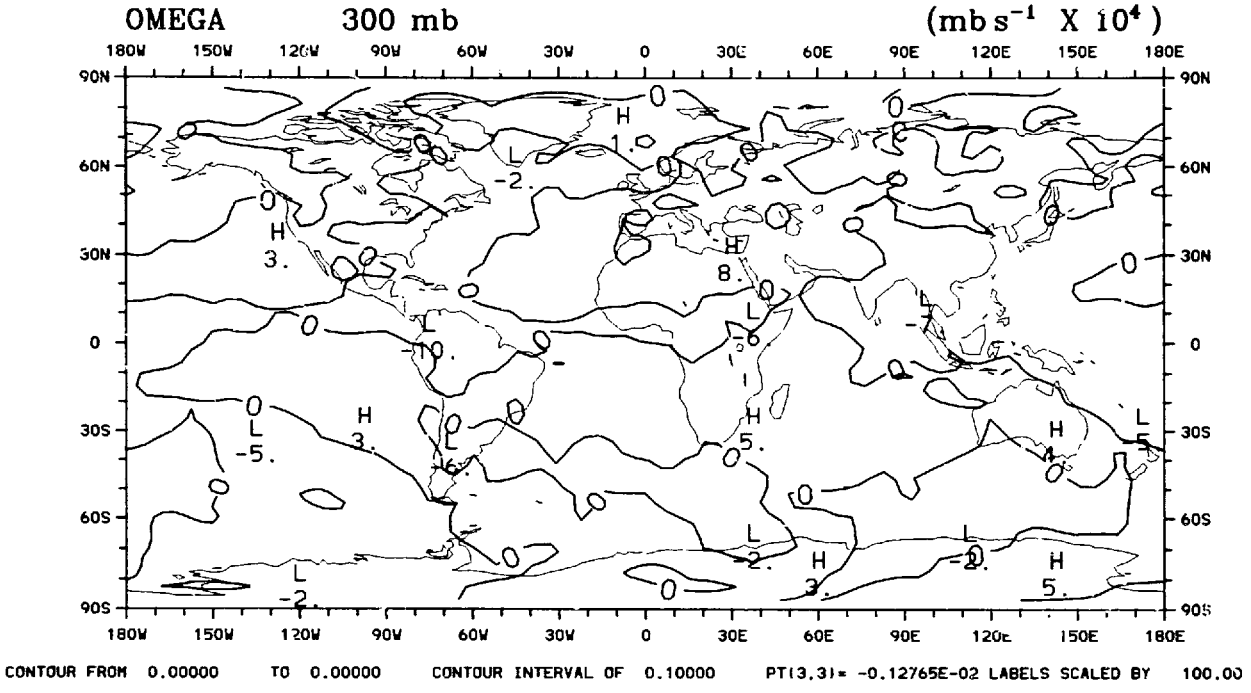
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.18878E-02 LABELS SCALED BY 100.00

FRAME 1.32

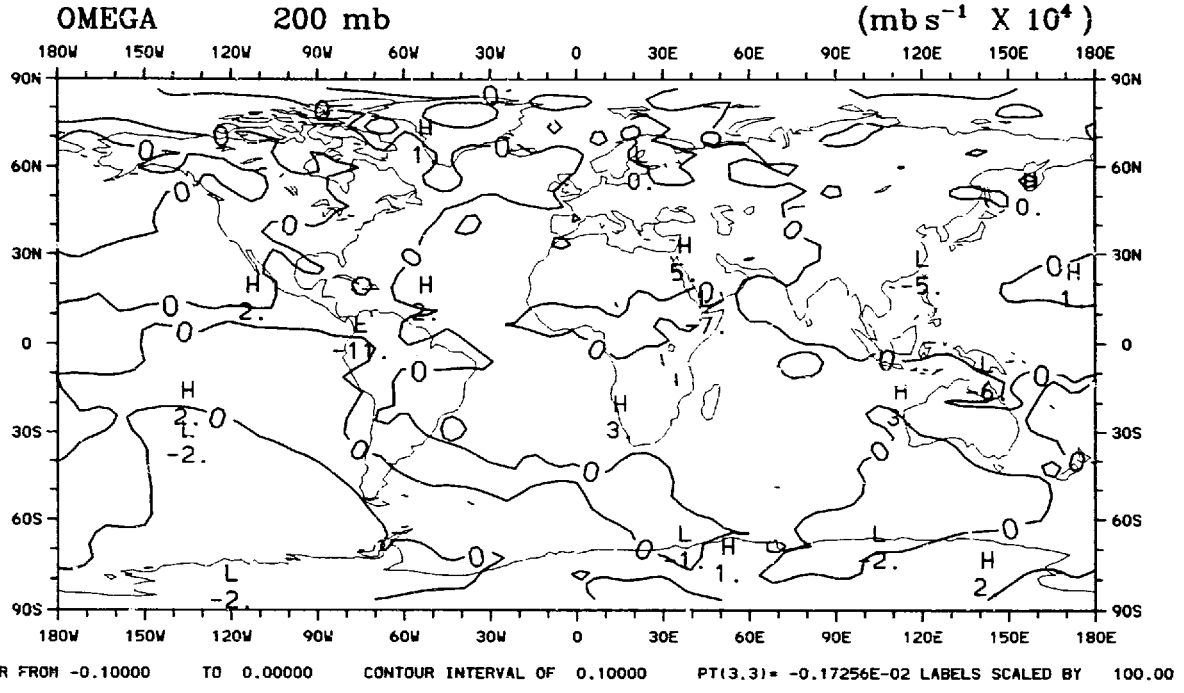
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.12765E-02 LABELS SCALED BY 100.00

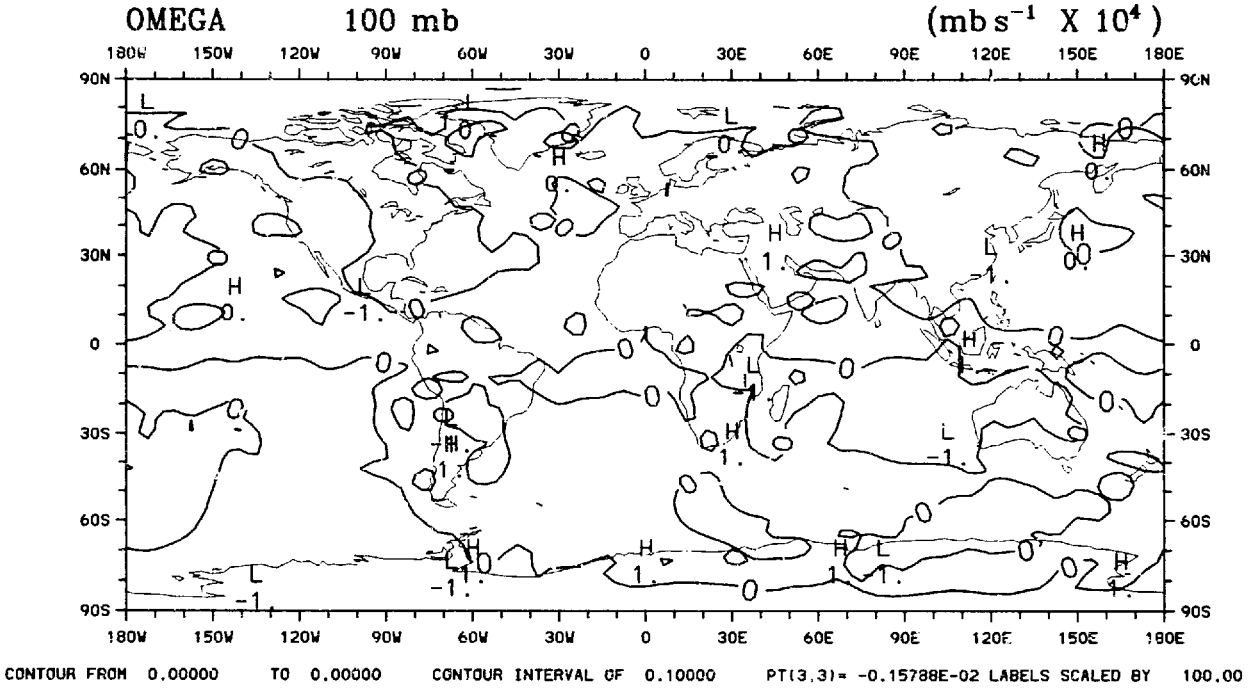
FRAME 1.33

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.34

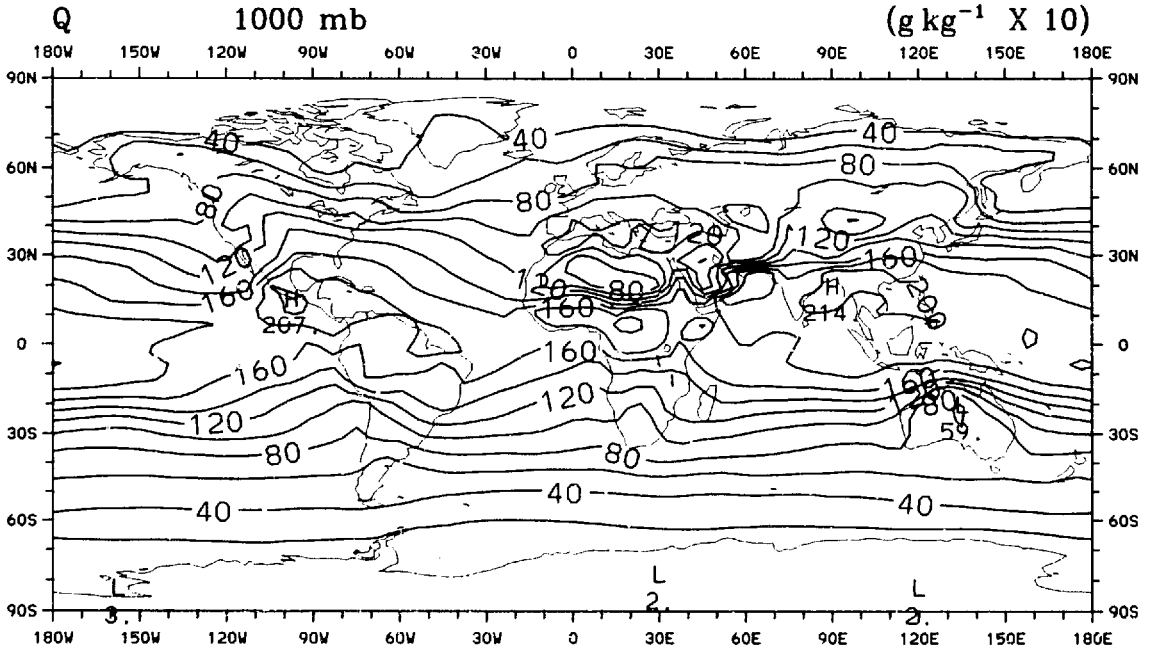
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.15788E-02 LABELS SCALED BY 100.00

FRAME 1.35

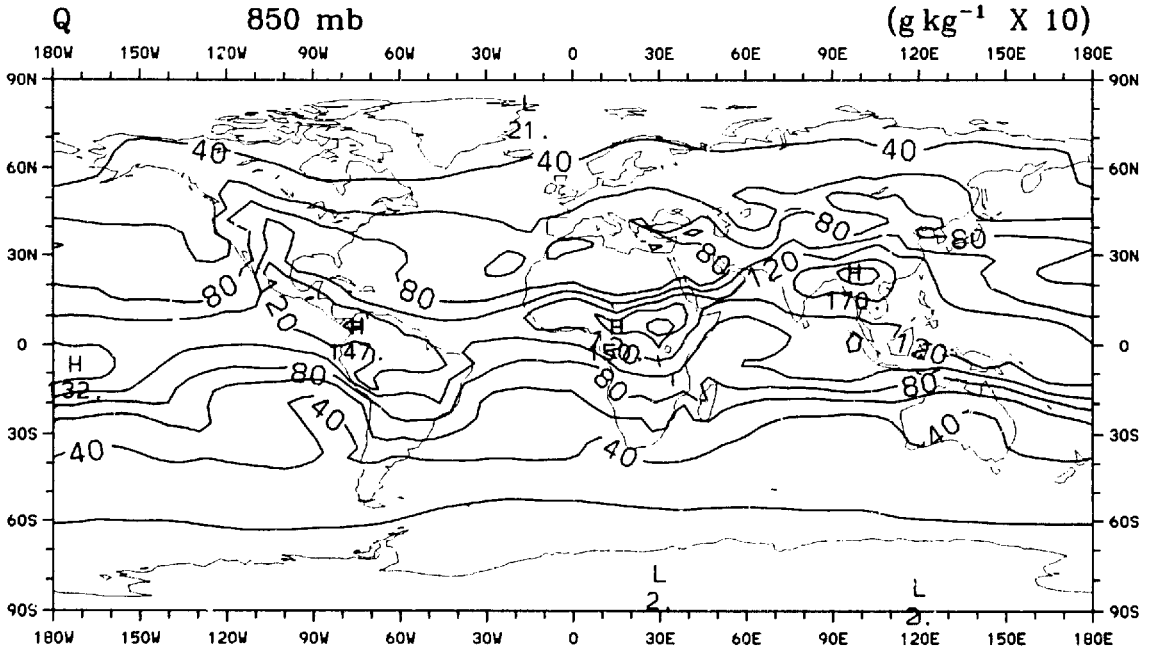
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.46102E-03 LABELS SCALED BY 10000.

FRAME 1.36

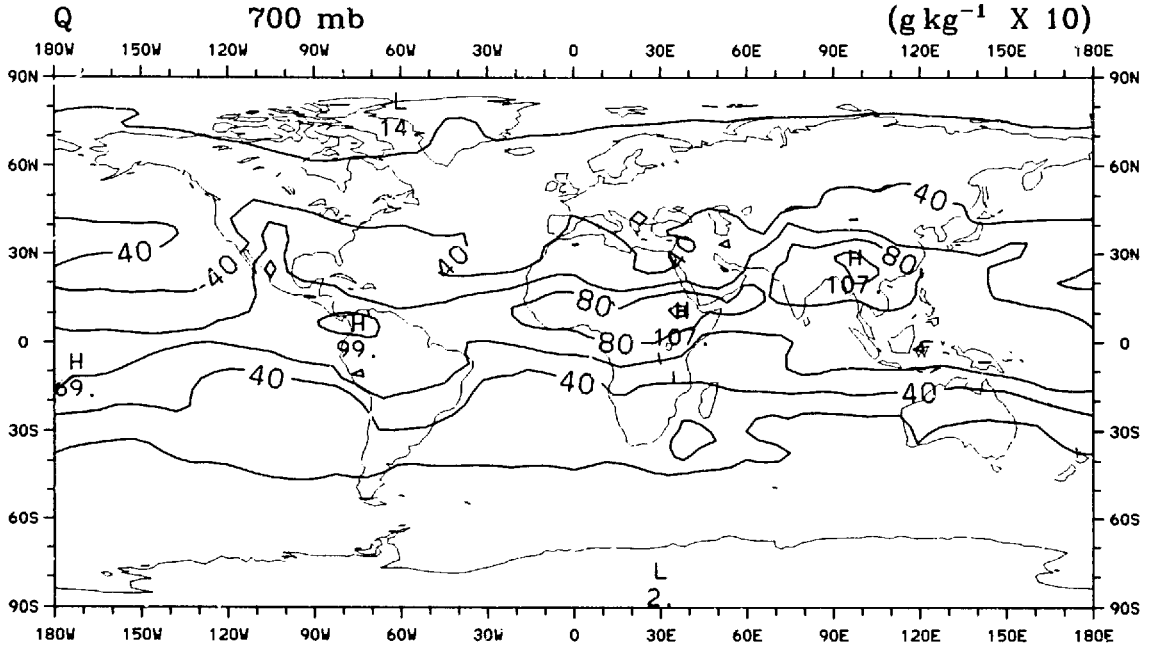
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.57016E-03 LABELS SCALED BY 10000.

FRAME 1.37

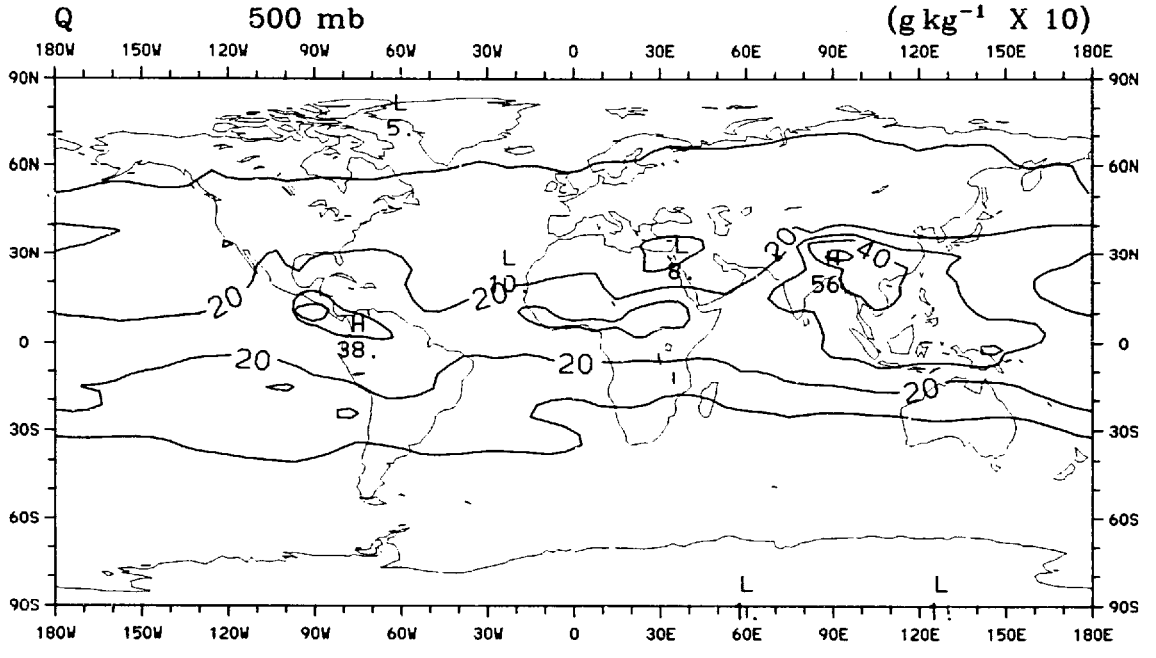
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.41390E-03 LABELS SCALED BY 10000.

FRAME 1.38

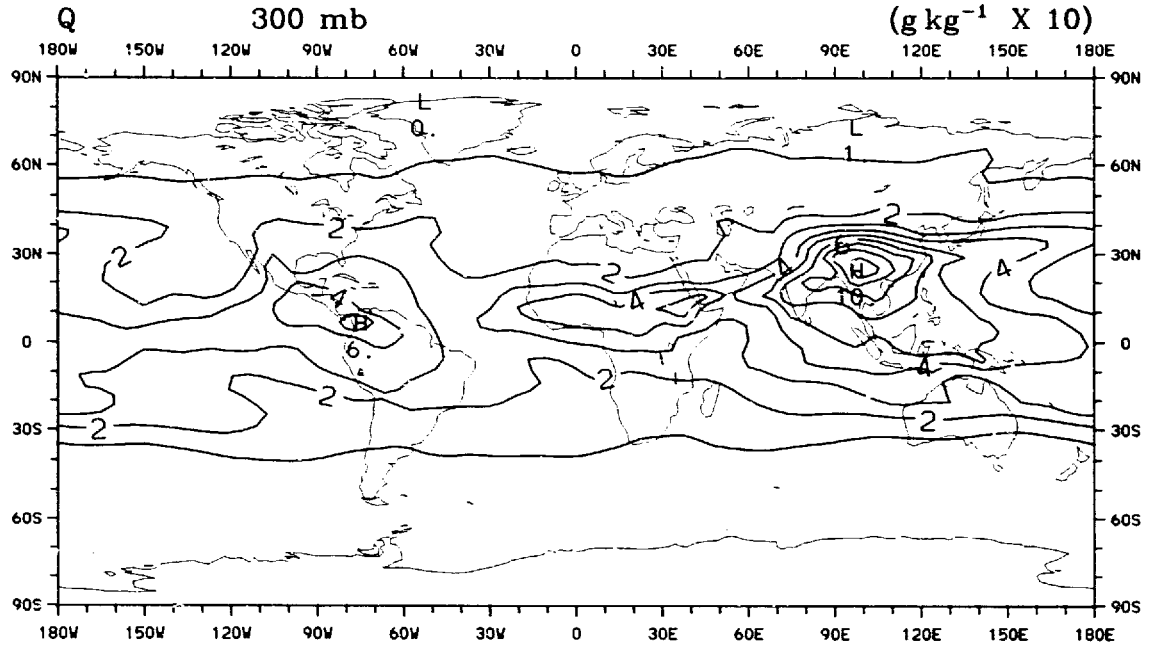
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3.3)= 0.14335E-03 LABELS SCALED BY 10000.

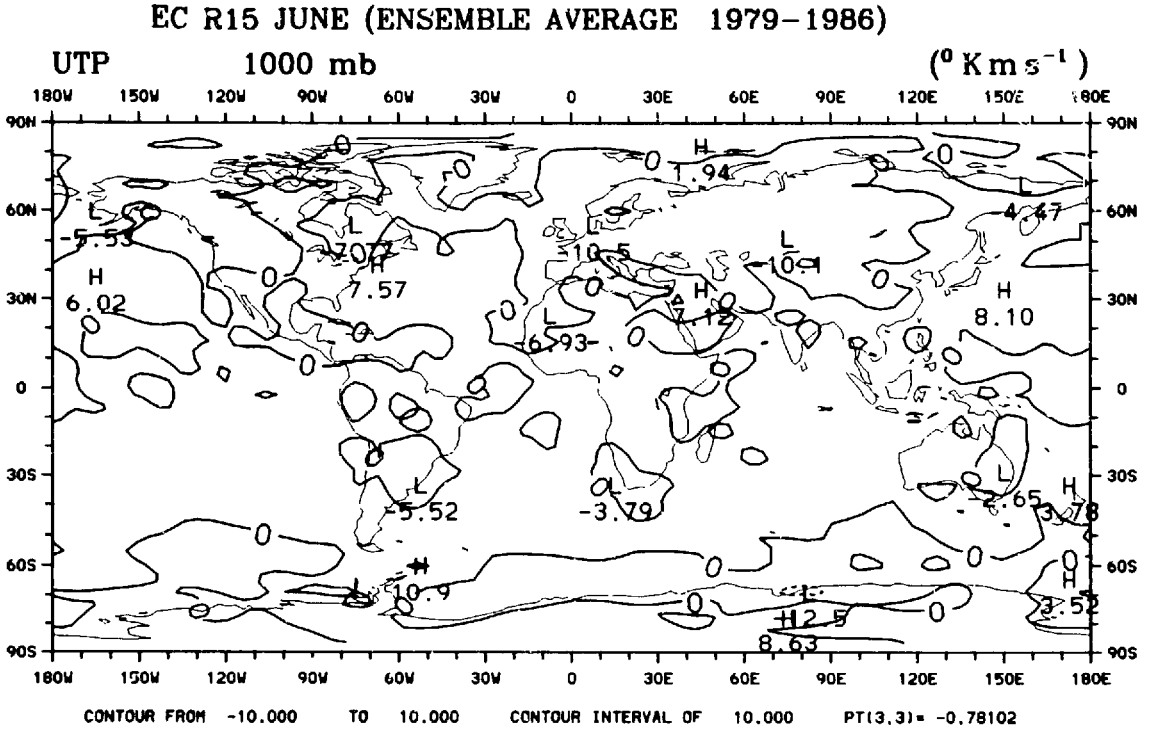
FRAME 1.39

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

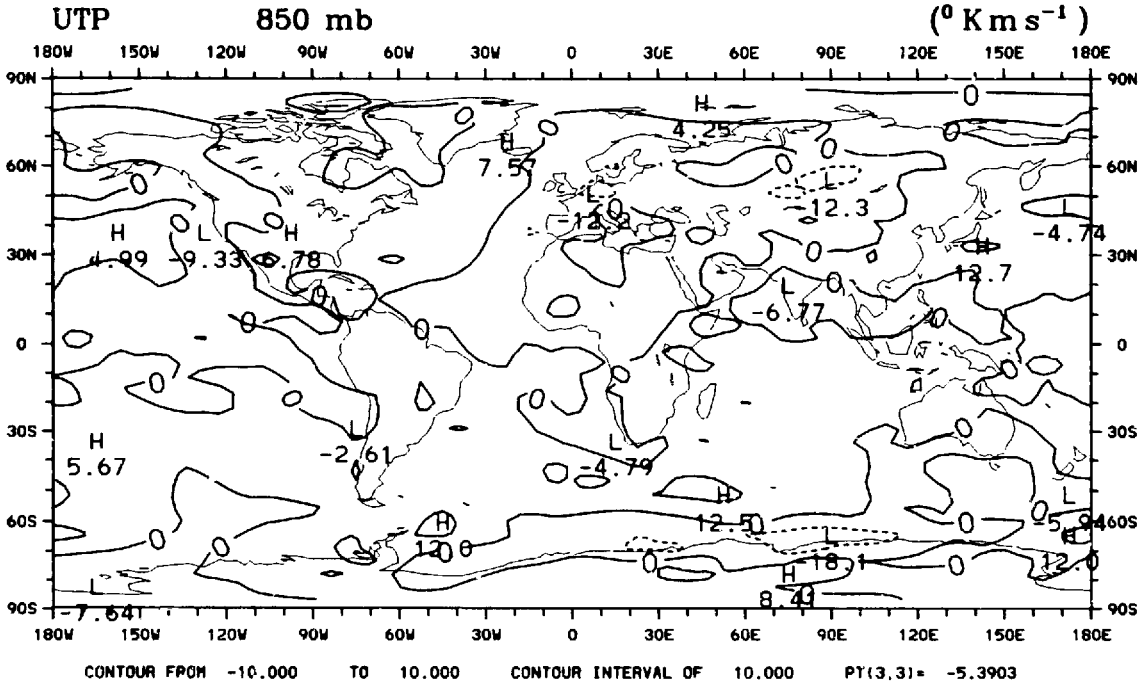



CONTOUR FROM 0.00000 TO 0.90000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.16228E-04 LABELS SCALED BY 10000.

FRAME 1.40

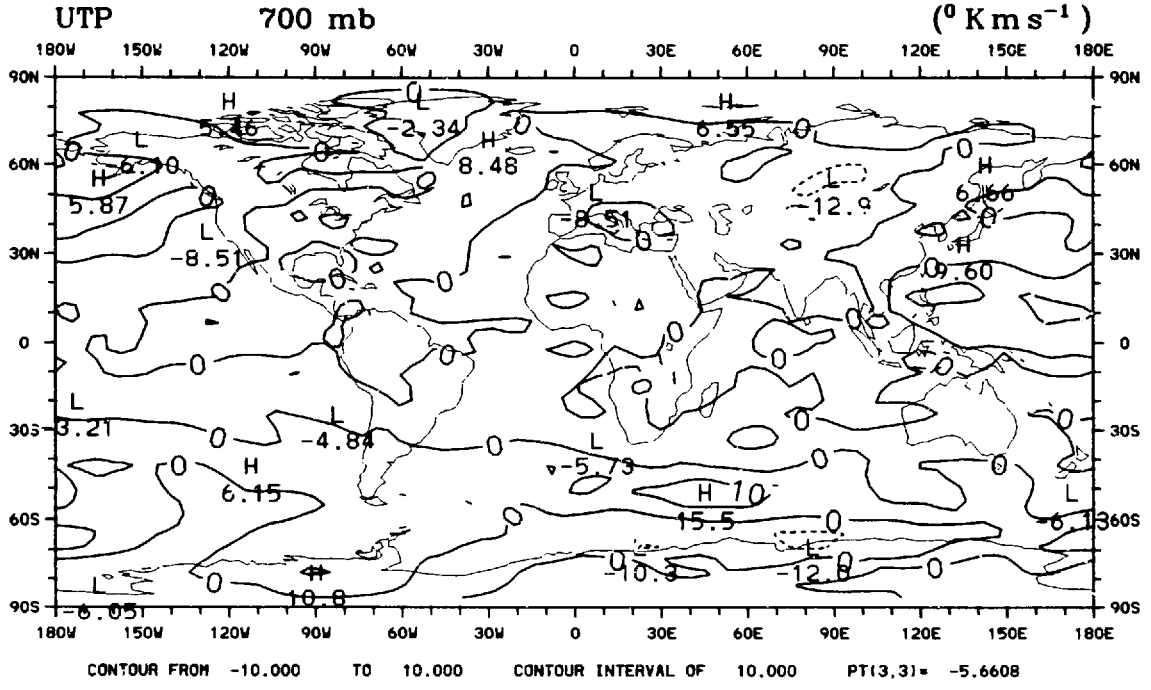

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
UTP
1000 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 1.94
L -5.53
L 7.07
H 7.57
H 6.02
L 10.5
L -10.1
H 7.12
L -6.93
4.47
H 8.10
L -5.52
-3.79
L -2.65
H 3.78
H 10.9
H 12.5
8.63
H 3.52
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -0.78102

FRAME 1.41


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
UTP
850 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 4.25
7.57
-12.3
-4.74
12.7
-6.77
H 4.99
L -9.33
-6.78
H 5.67
-2.61
-4.79
12.5
-18.1
12.0
8.41
-7.64
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PY(3,3)= -5.3903

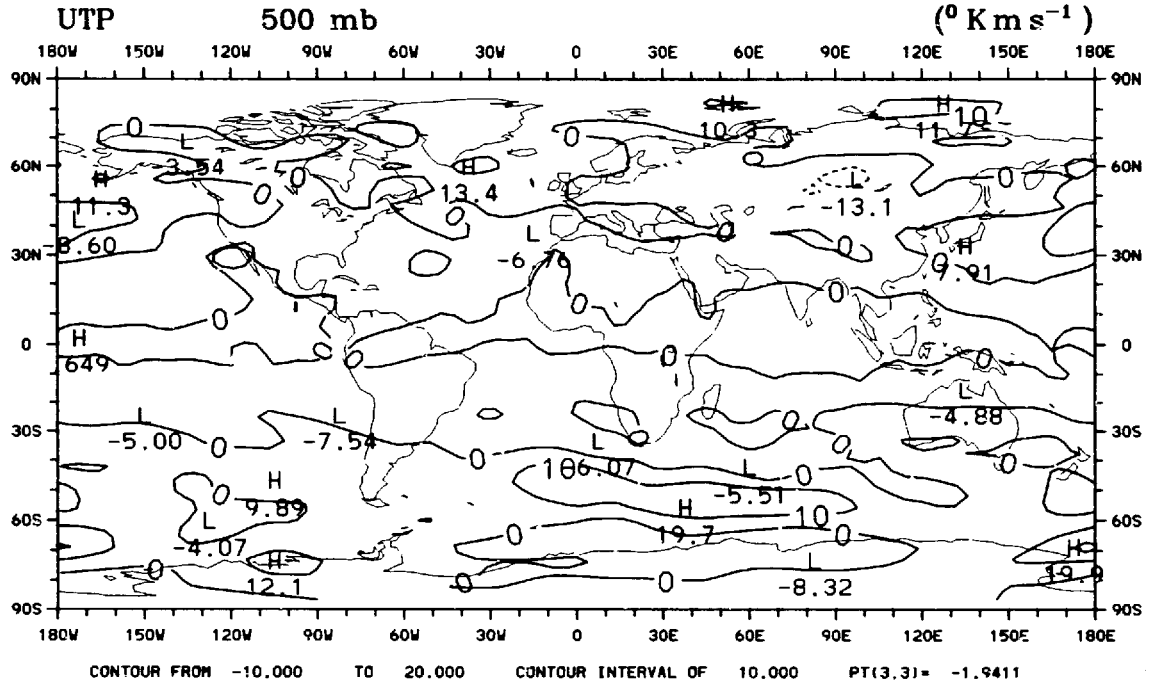
FRAME 1.42

# EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



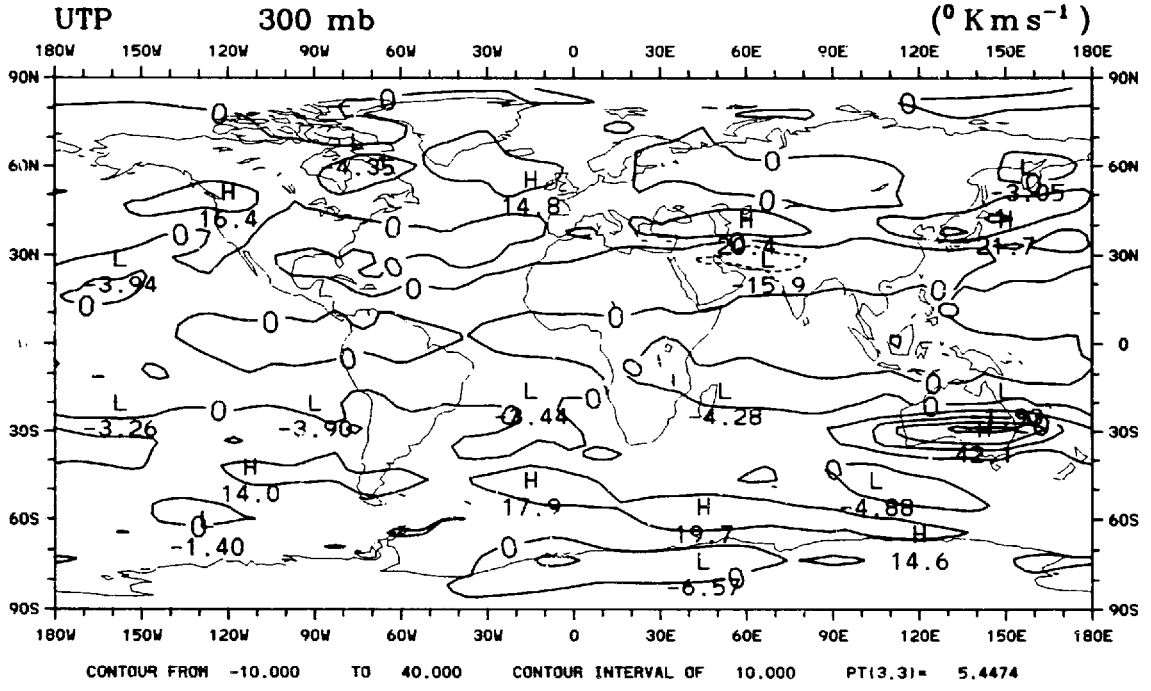

FRAME 1.43

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



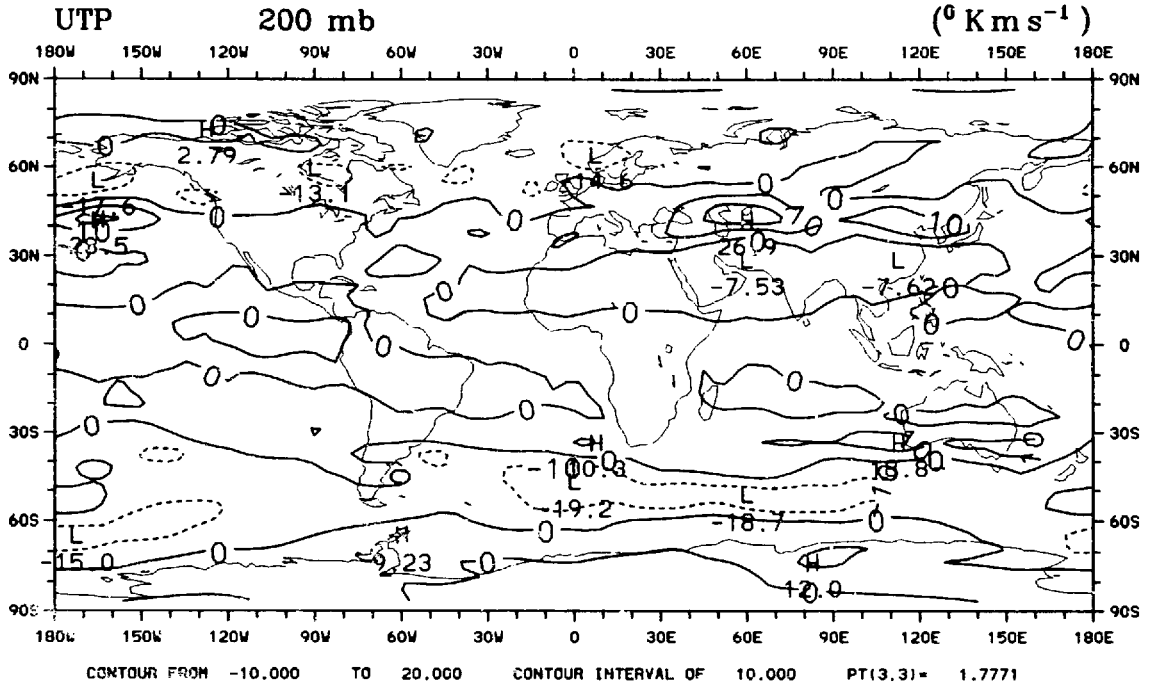

FRAME 1.44

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



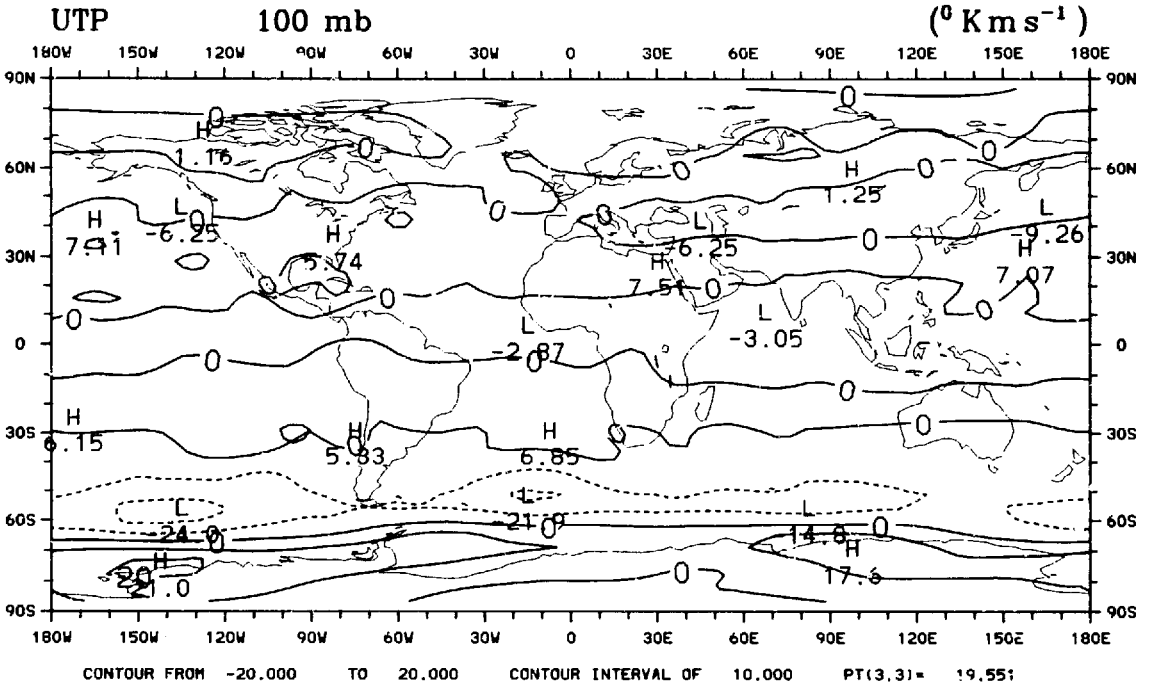

FRAME 1.45

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



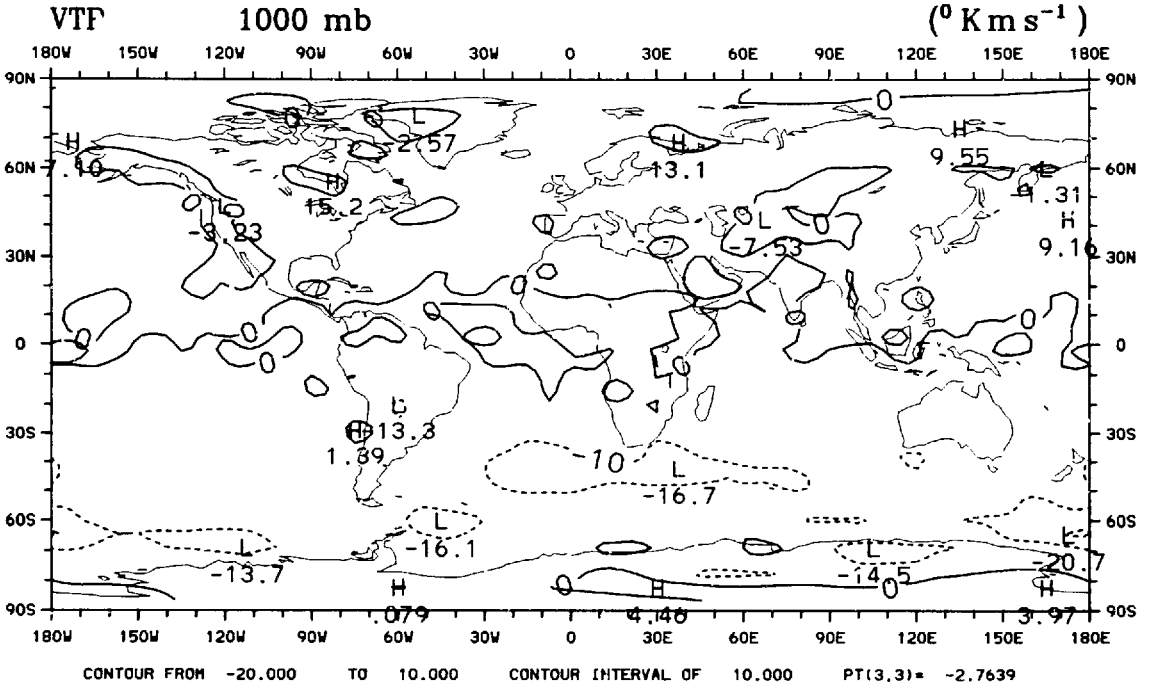

FRAME 1.46

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



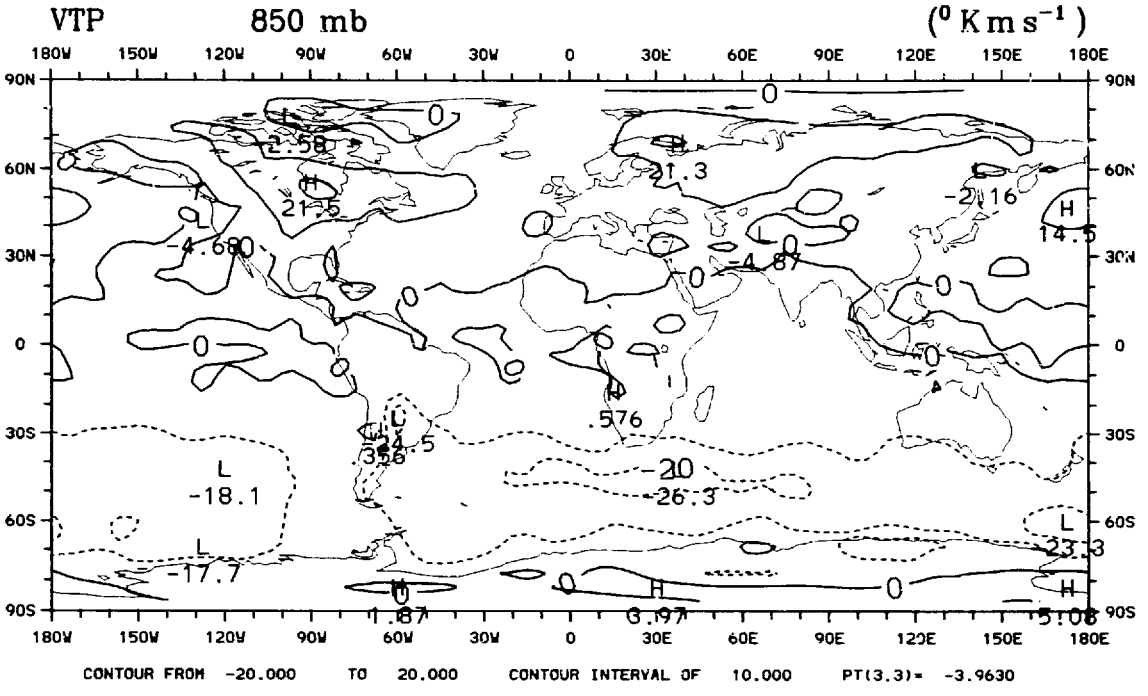

FRAME 1.47

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



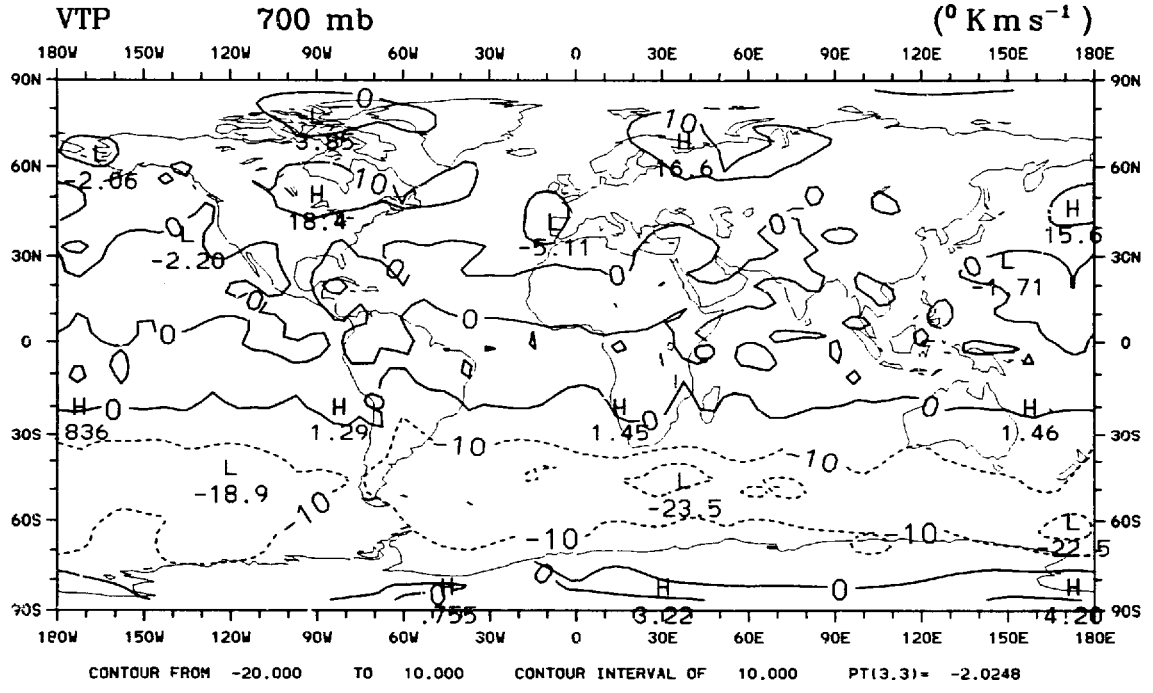

FRAME 1.48

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



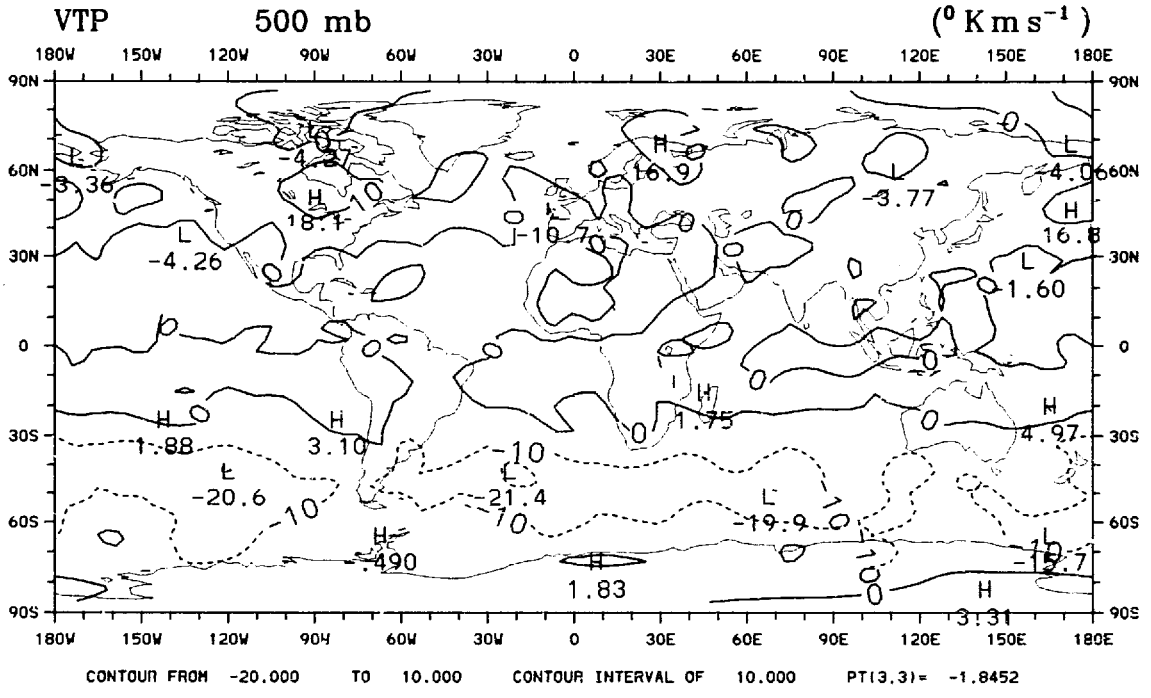

FRAHE 1.49

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

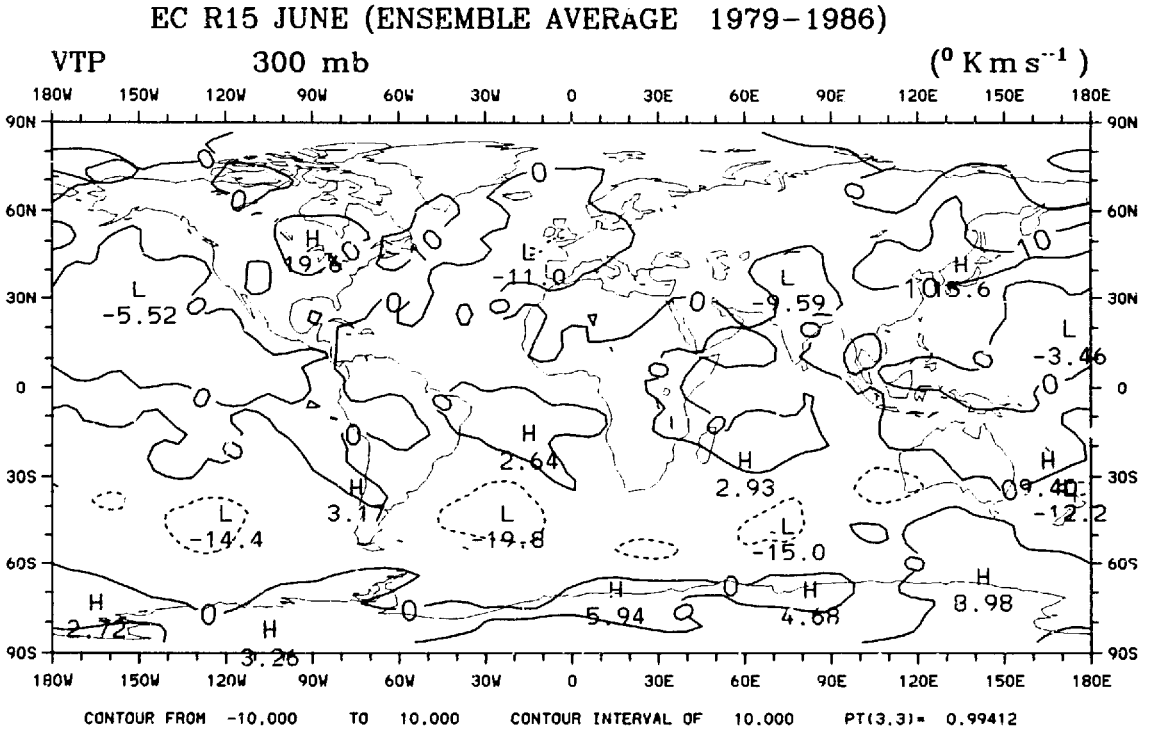



FRAME 1.50

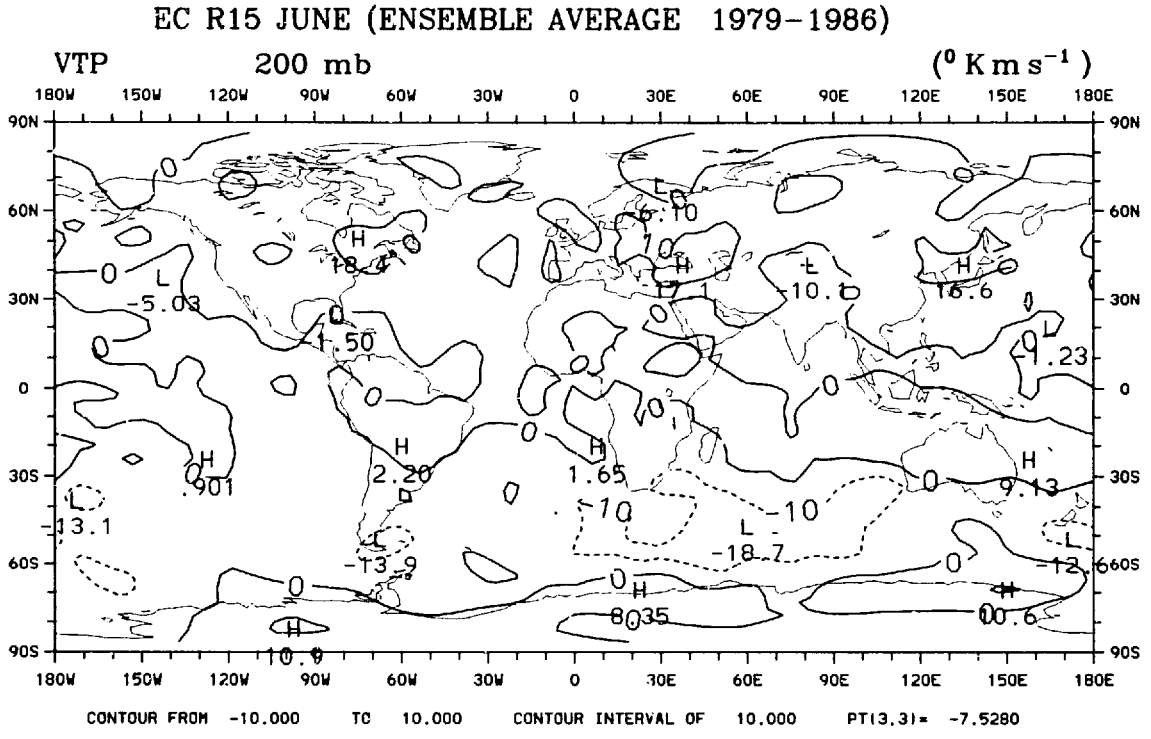
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.51

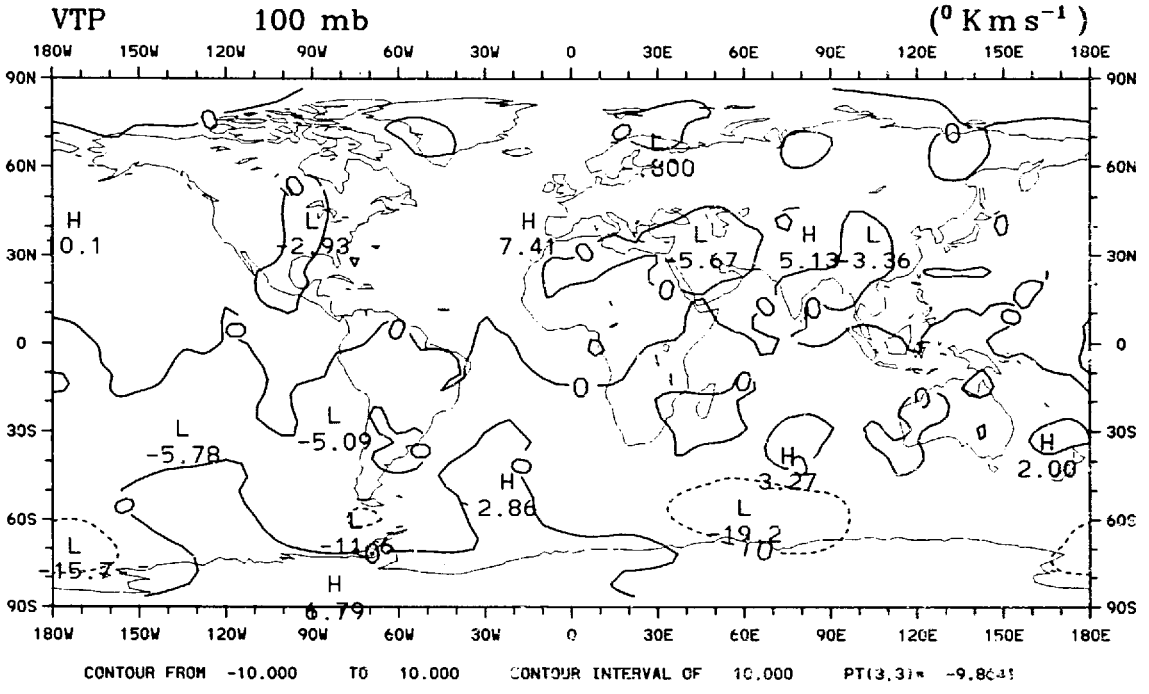

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
VTP
300 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L -5.52
H 19.8
L -11.0
L -9.59
H 105.6
L -3.46
H 2.64
H 3.17
L -14.4
L -19.8
H 2.93
L -15.0
H 9.40
-12.2
H 2.72
H 3.26
H 5.94
H 4.68
H 8.98
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 0.99412

FRAME 1.52


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
VTP
200 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
-5.03
1.50
2.20
1.65
-13.1
-13.9
-18.7
10.1
16.6
9.23
9.13
-12
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -7.5280

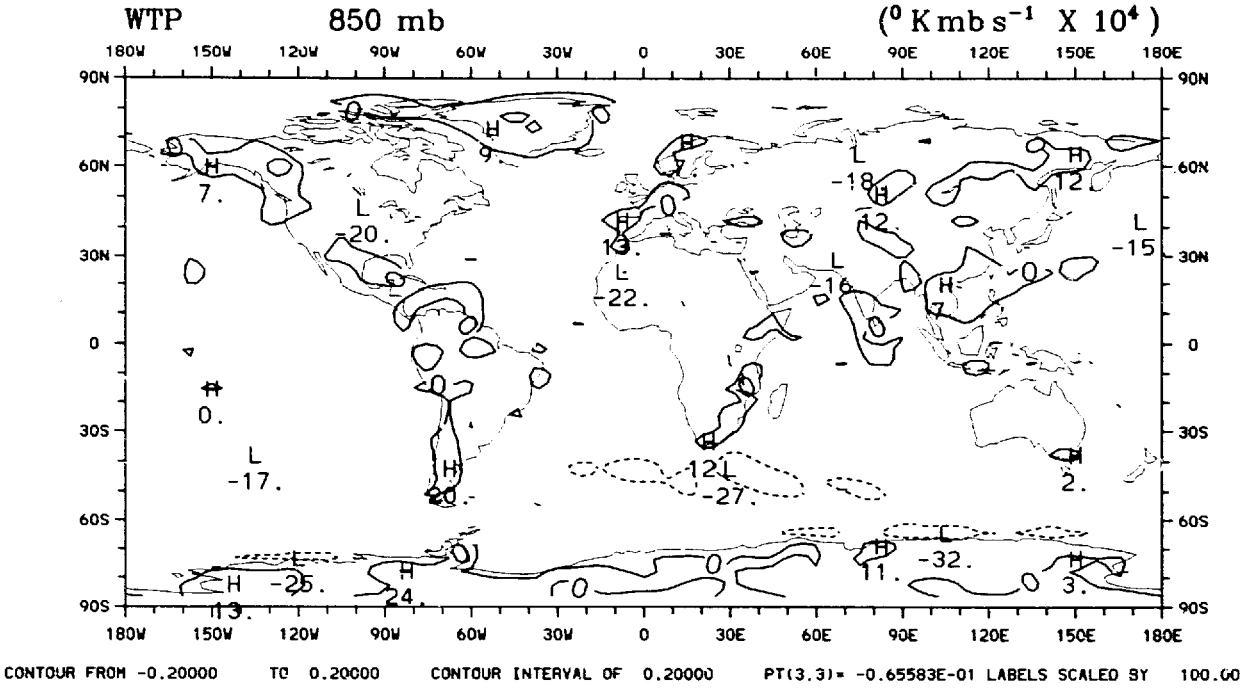
FRAME 1.53

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



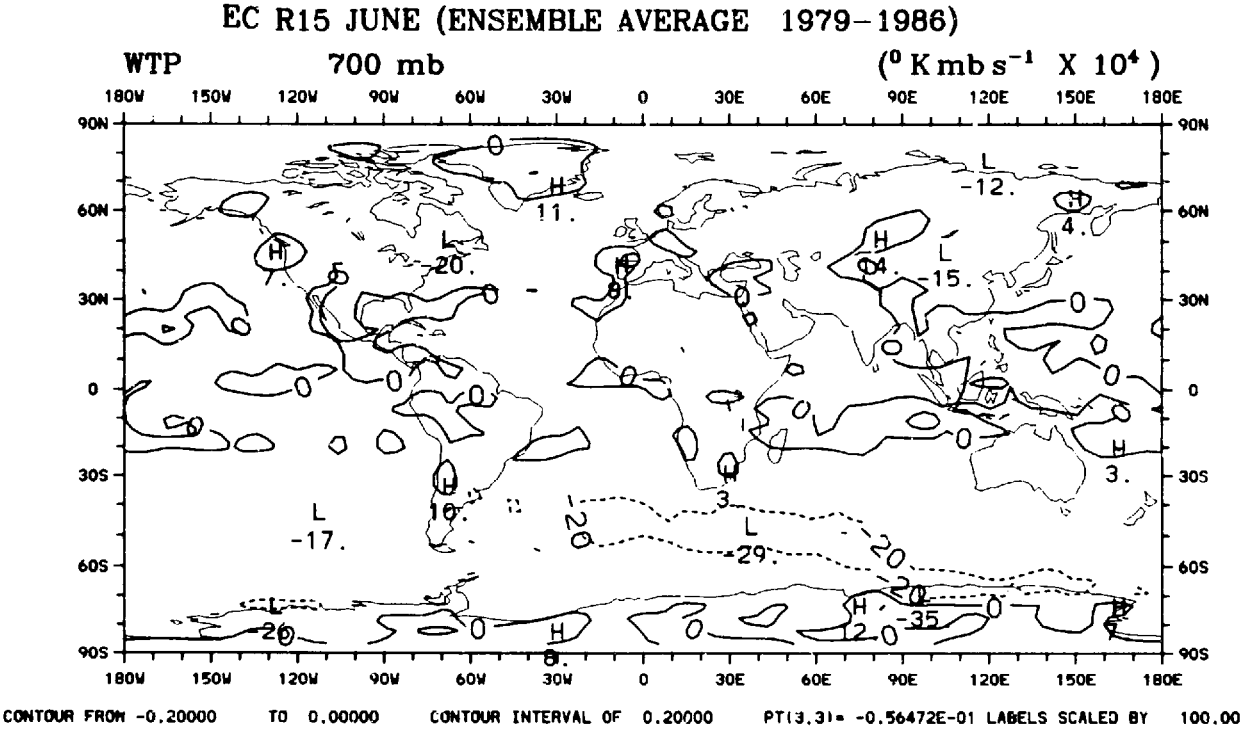

FRAME 1.54

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



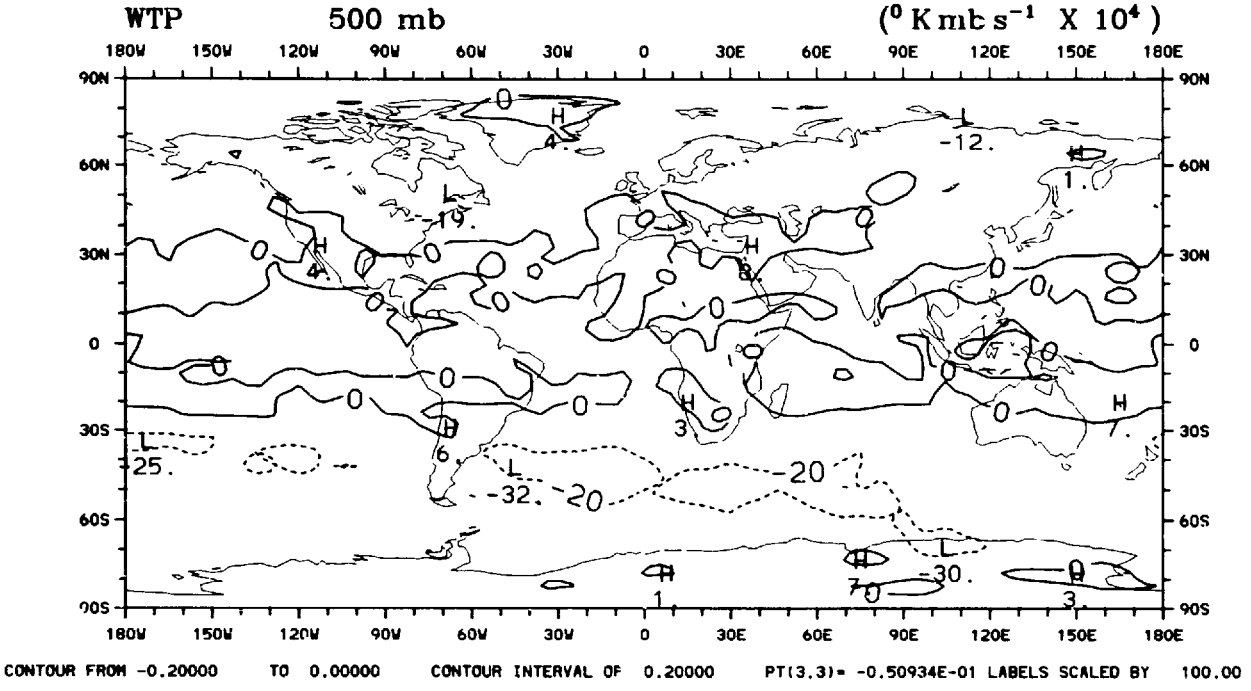

CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.65583E-01 LABELS SCALED BY 100.00

FRAME 1.55


EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)
WTP
700 mb
(°K mb s⁻¹ X 10⁴)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.56472E-01 LABELS SCALED BY 100.00

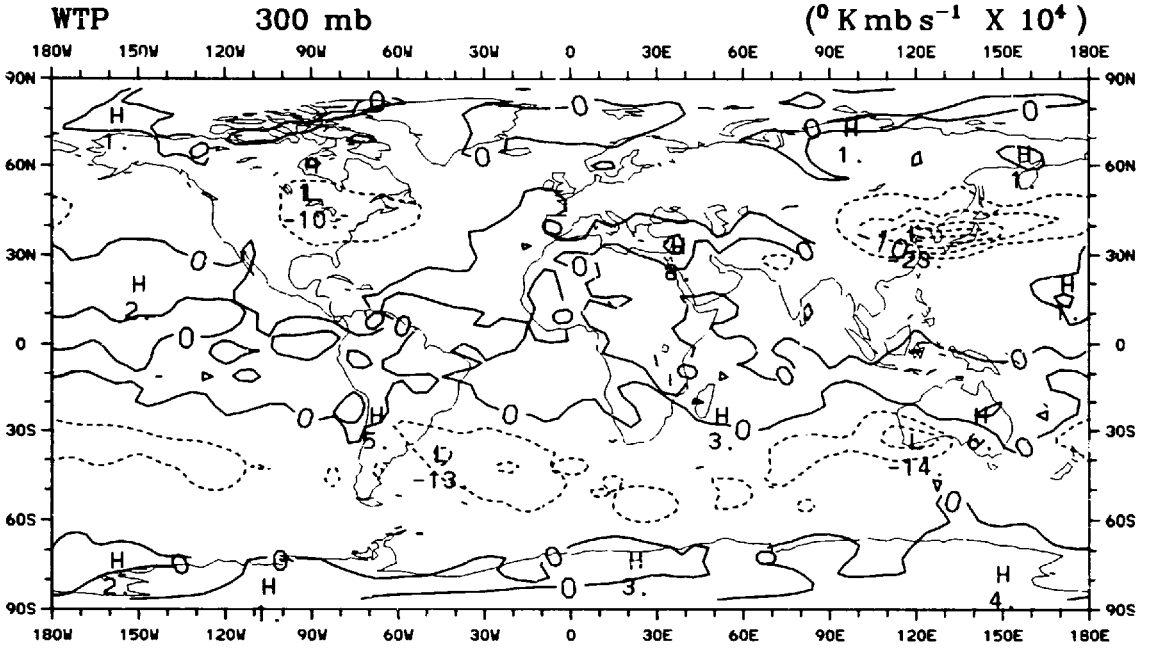
FRAME 1.56

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.57

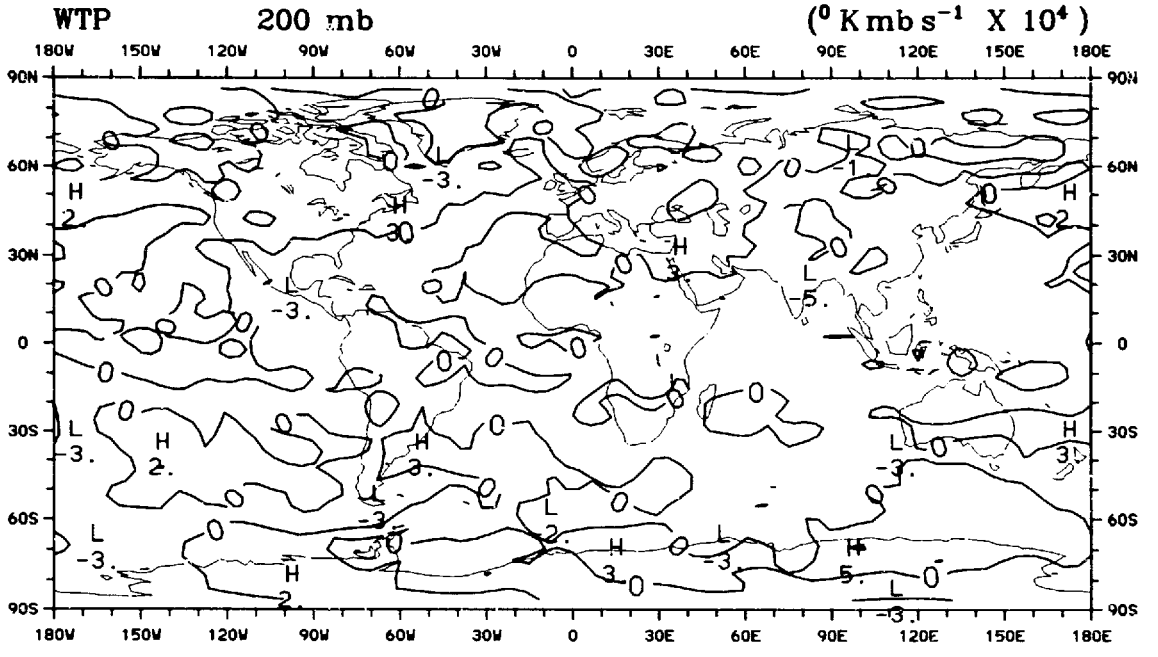
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.23503E-02 LABELS SCALED BY 100.00

FRAME 1.58

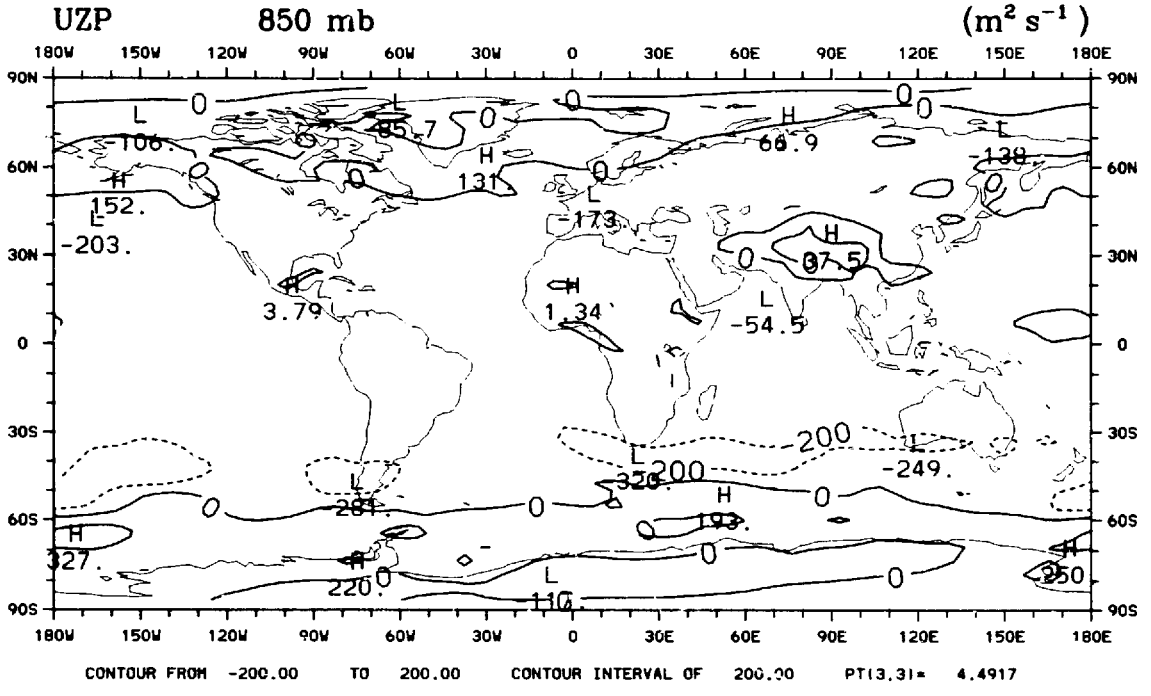
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.23724E-01 LABELS SCALED BY 100.00

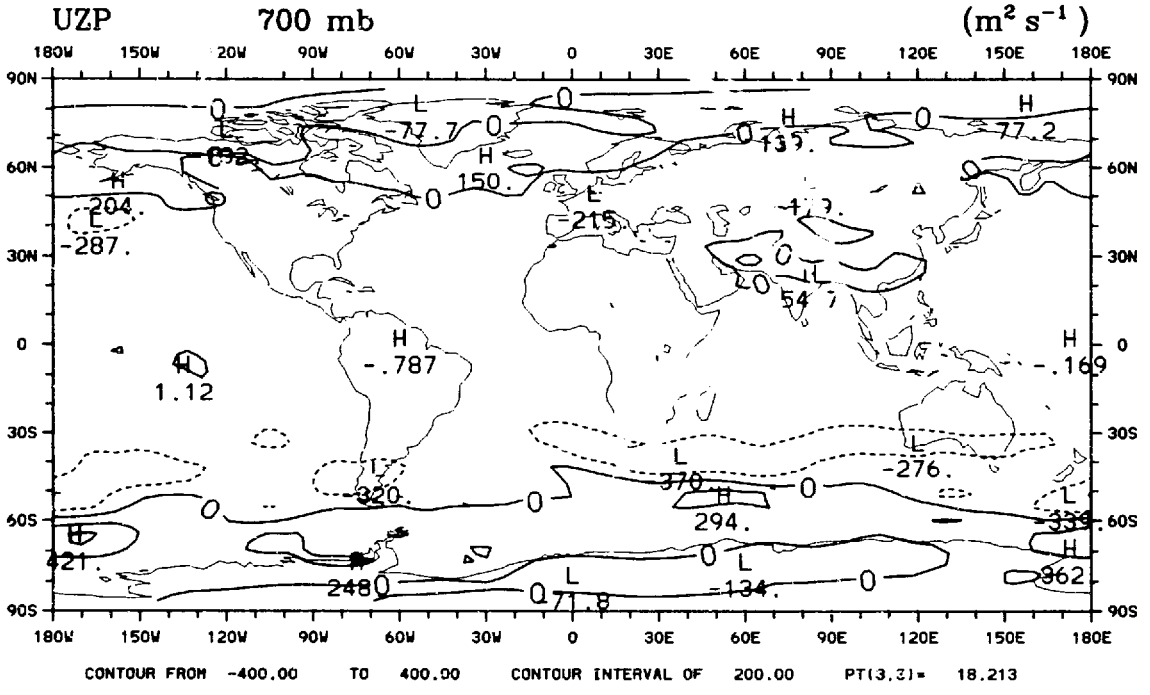
FRAME 1.59

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



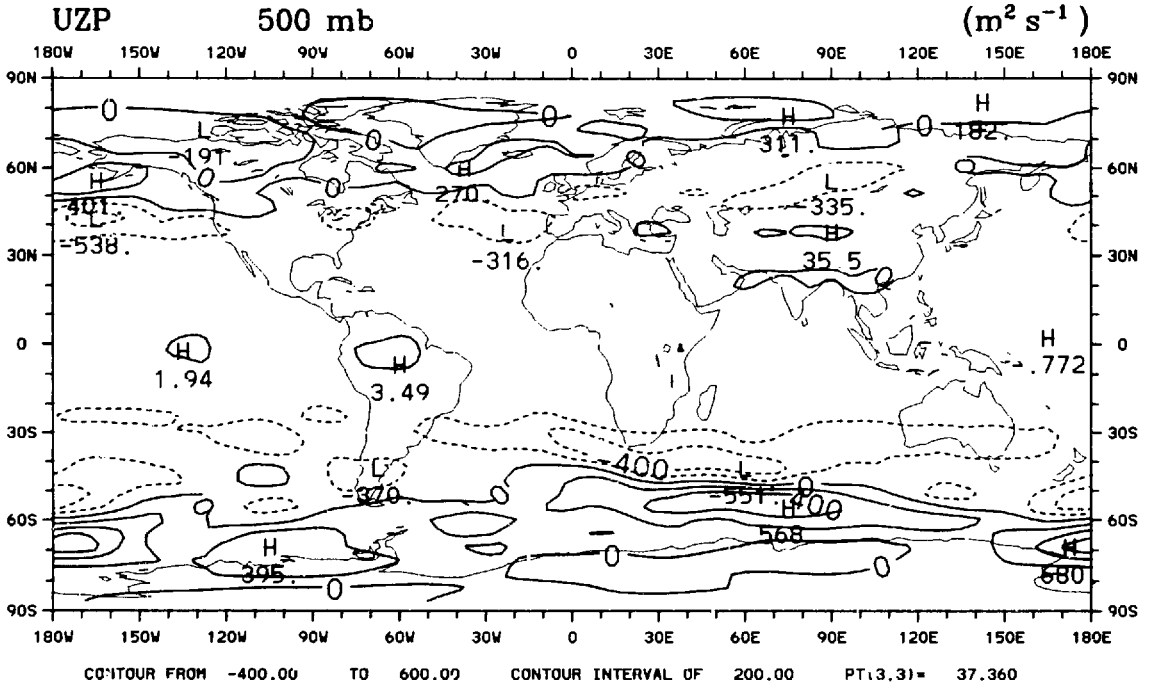

FRAME 1.60

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



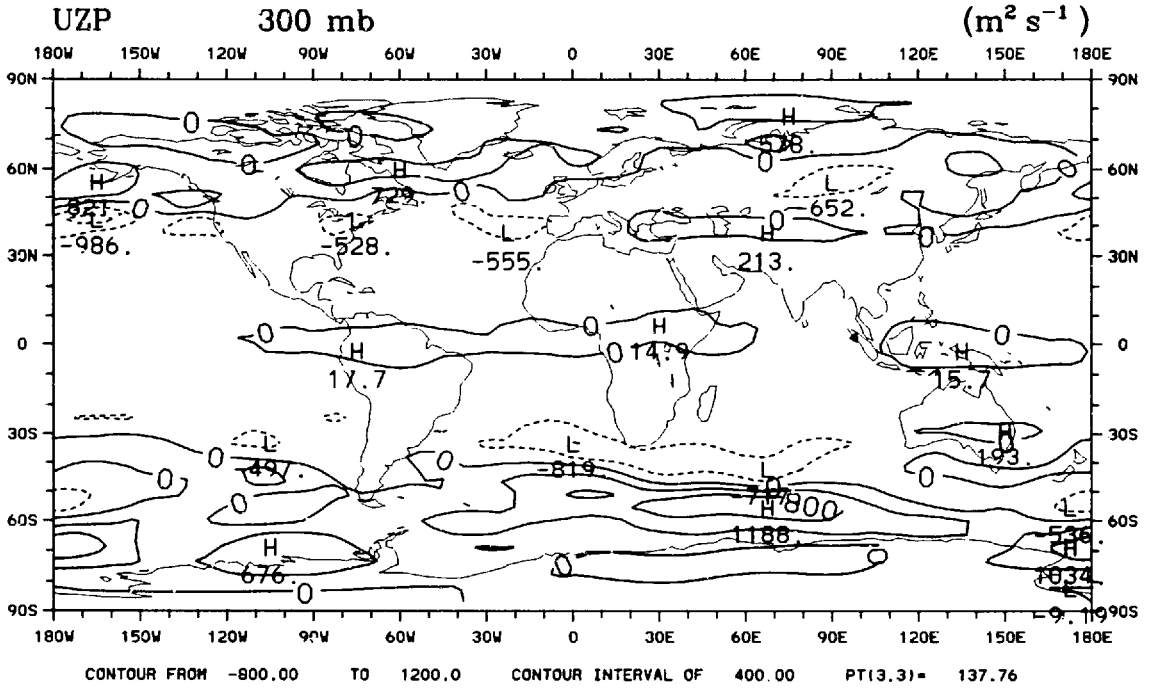

FRAME 1.61

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



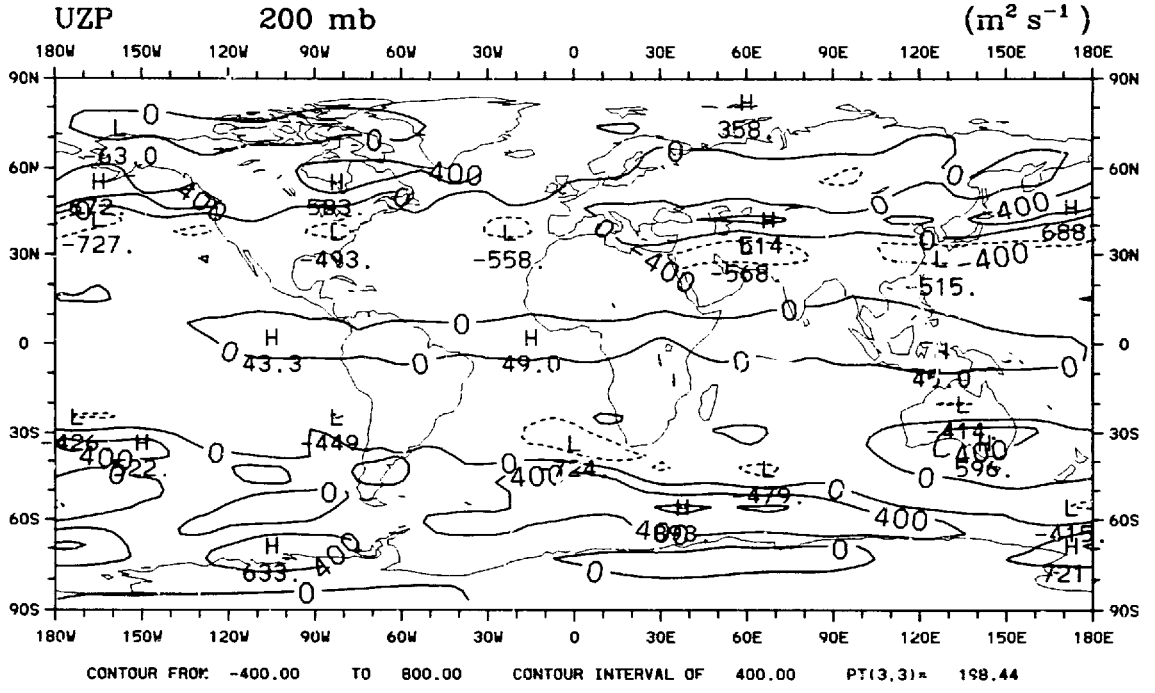

FRAME 1.62

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

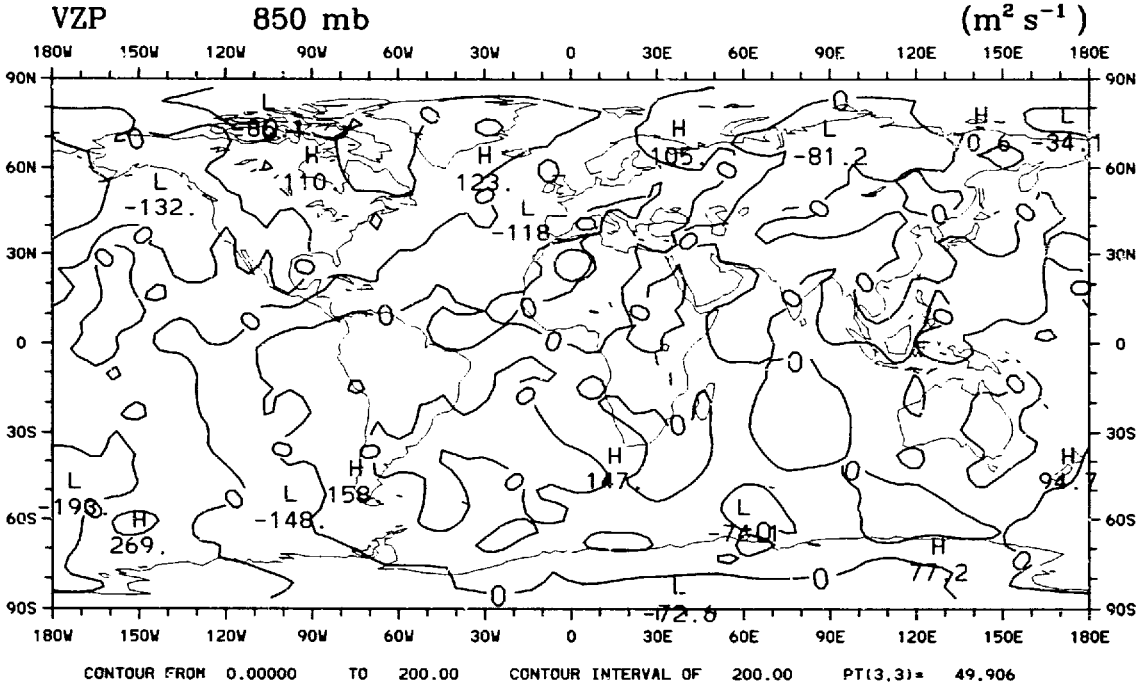



FRAME 1.63

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

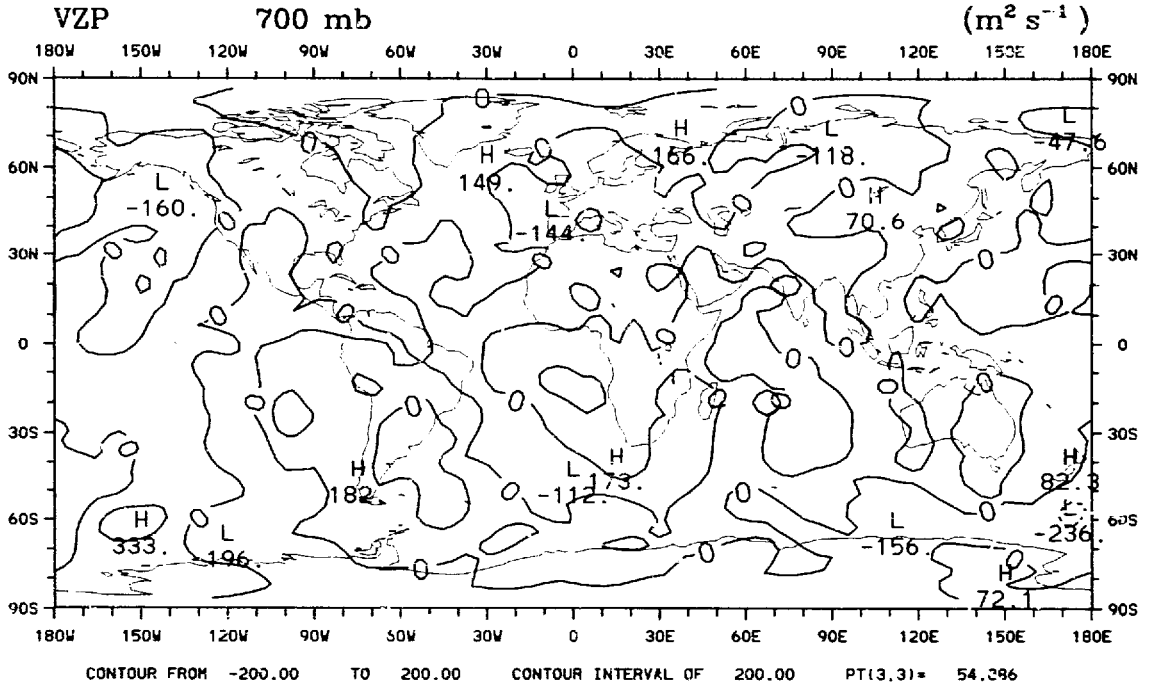



FRAME 1.64


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
VZP
850 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L -132.
H 110.
H 123.
L -118.
H 105.
L -81.2
H 70.6
L -34.1
L -196.
H 269.
L -148.
H 158.
H 147.
L -72.8
H 94.7
CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 49.906

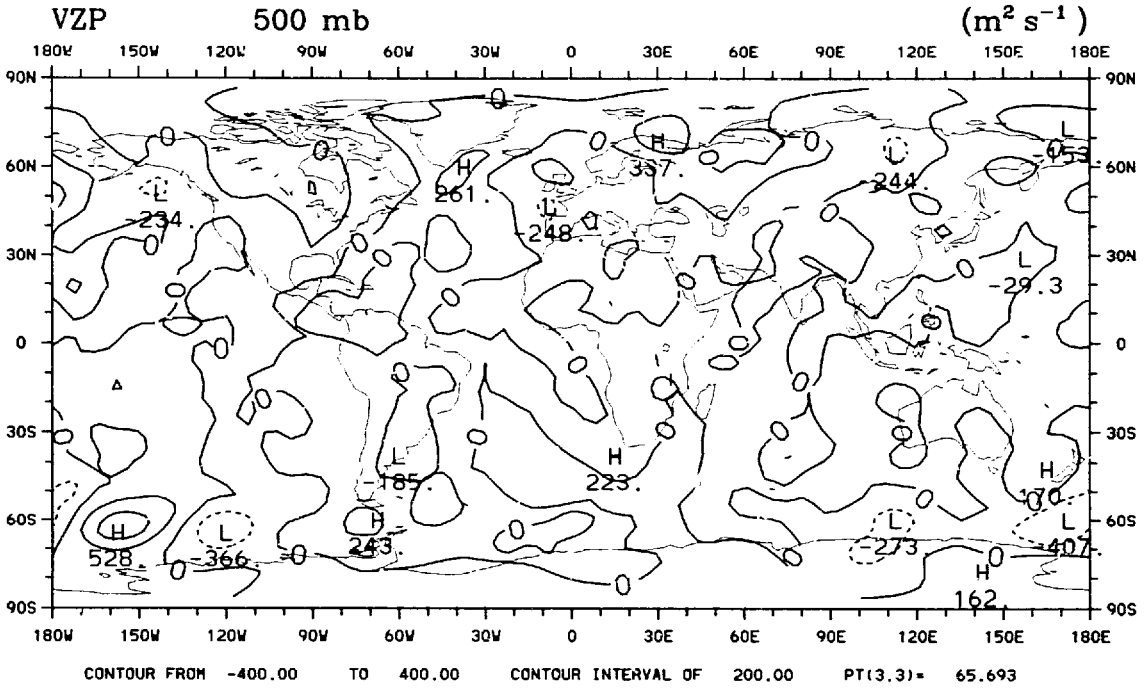
FRAME 1.65

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



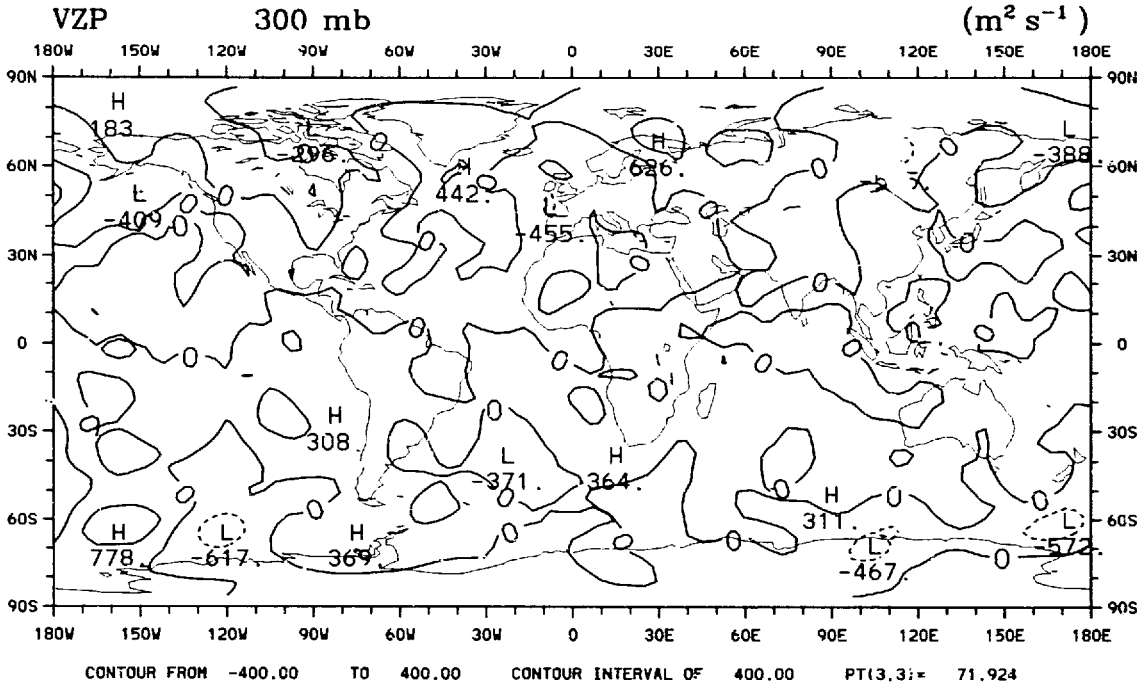

FRAME 1.66

EC R'.5 JUNE (ENSEMBLE AVERAGE 1979–1986)



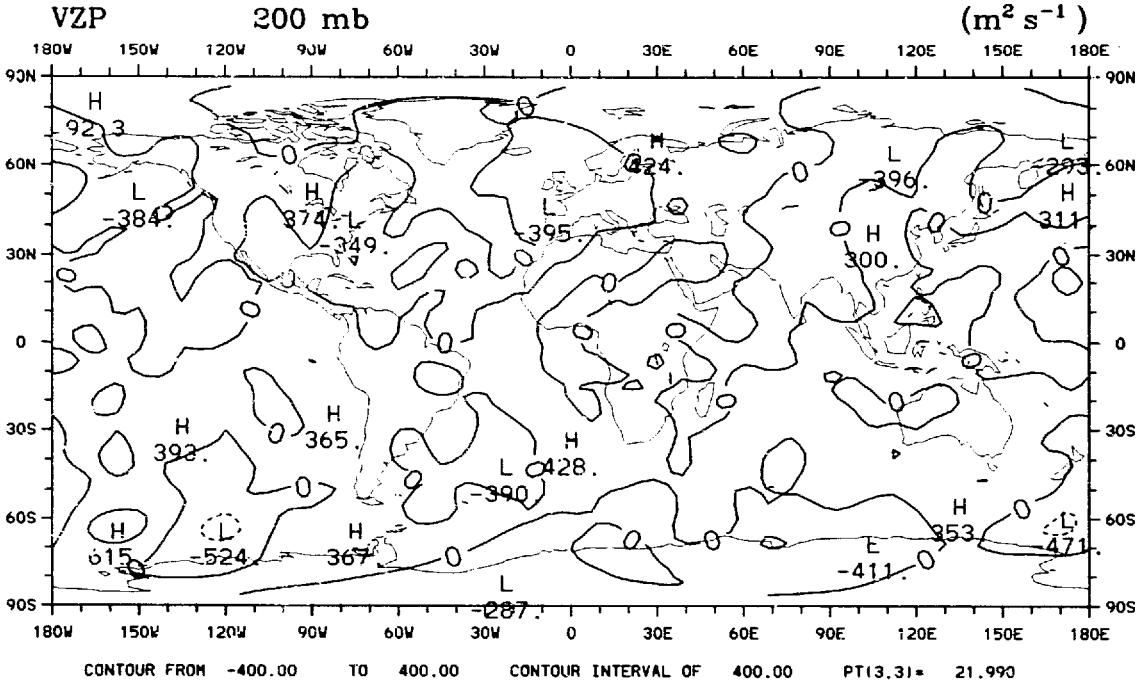

FRAME 1.67

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



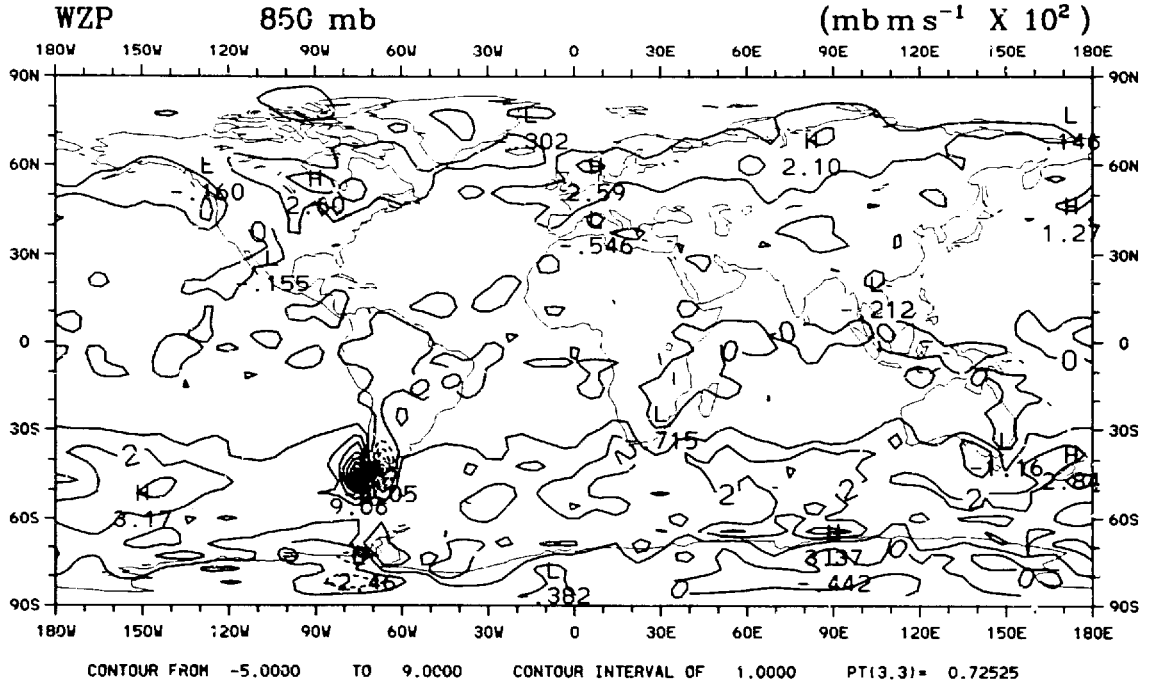

FRAME 1.68

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



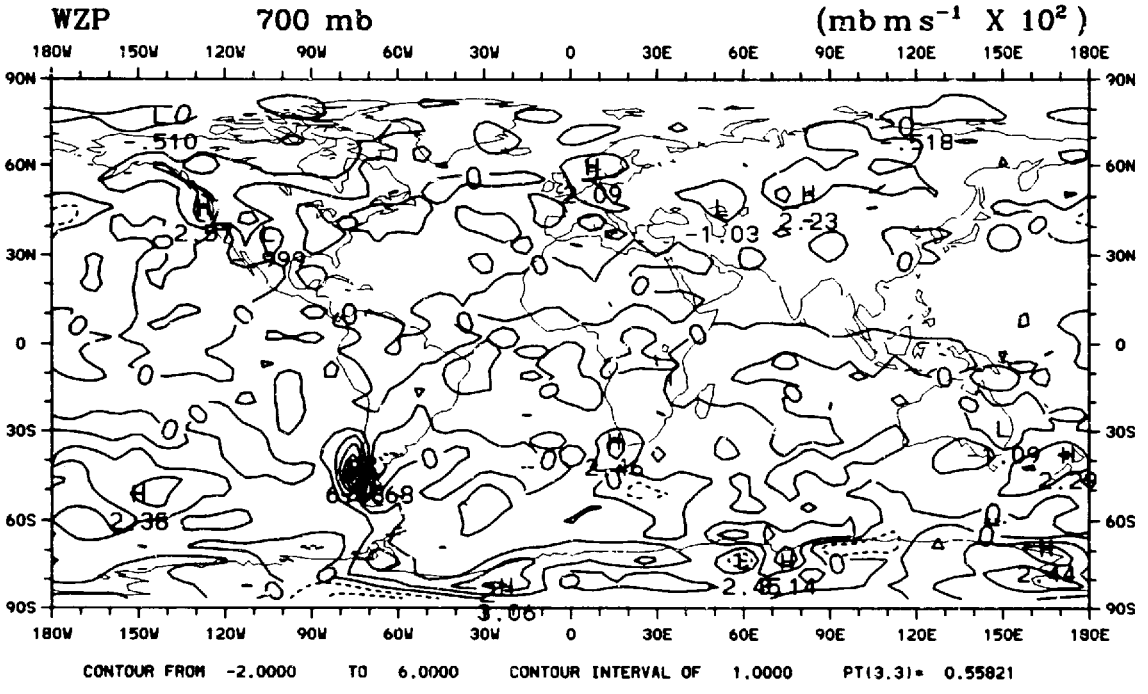

FRAME 1.69

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

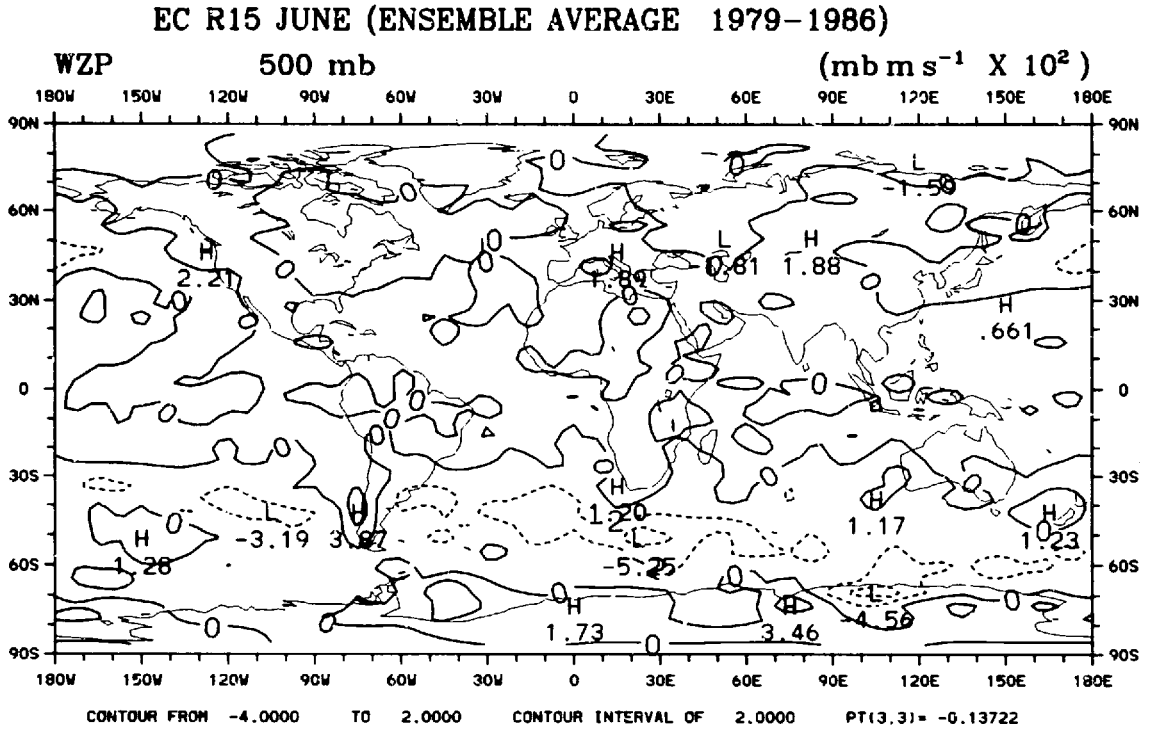



FRAME 1.70

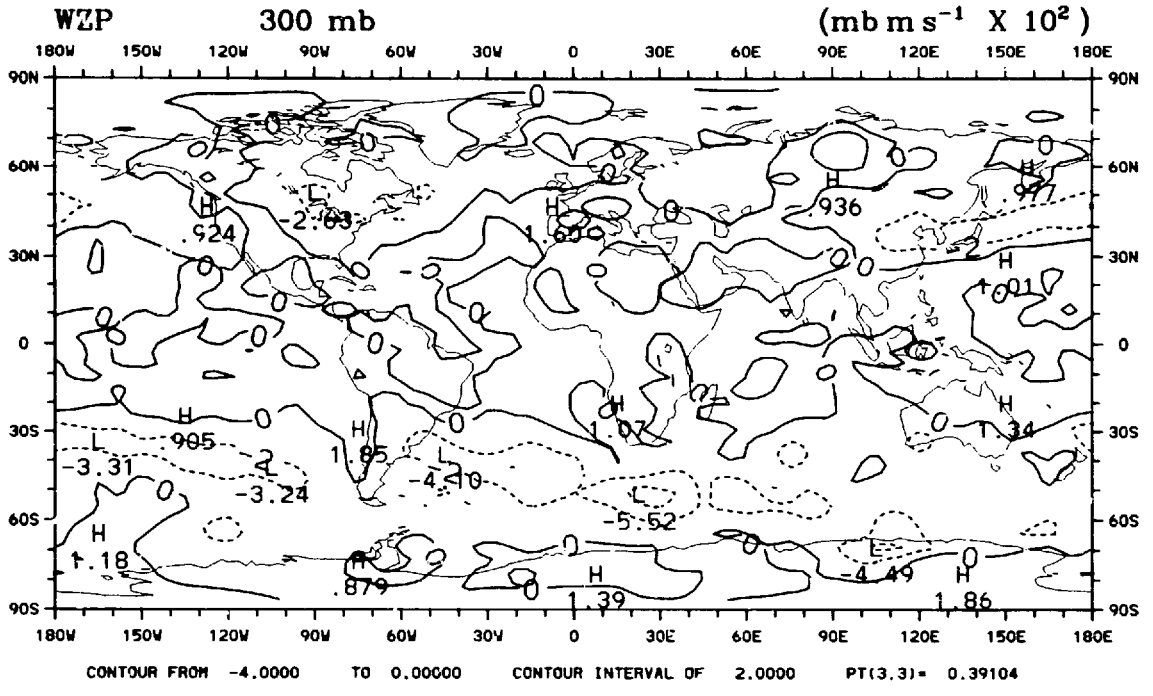
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.71

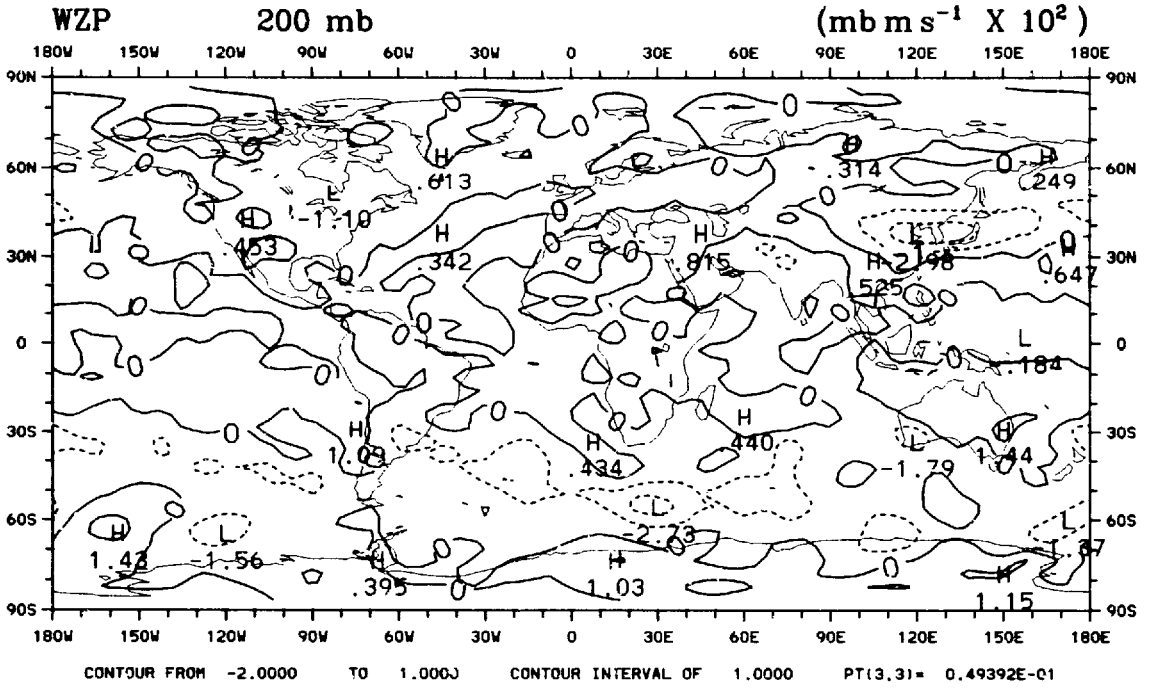

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
WZP
500 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -4.0000 TO 2.0000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= -0.13722

FRAKE 1.72


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
WZP
300 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -4.0000 TO 0.00000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 0.39104

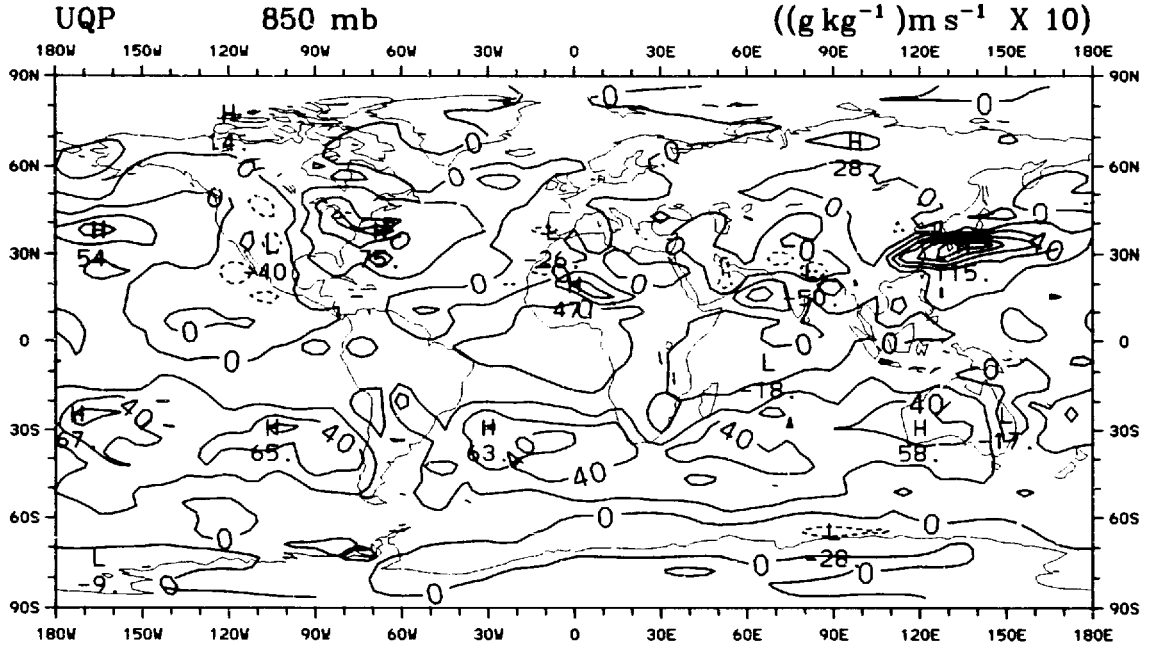
FRAME 1.73

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.74

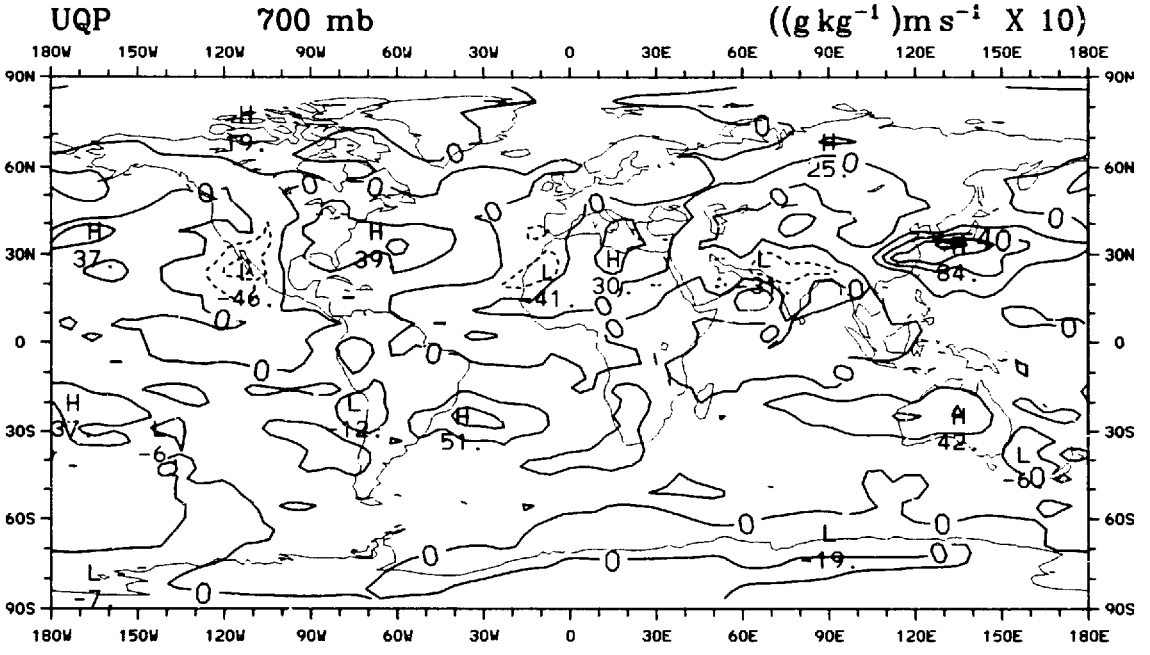
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.65912E-03 LABELS SCALED BY 10000.

FRAME 1.75

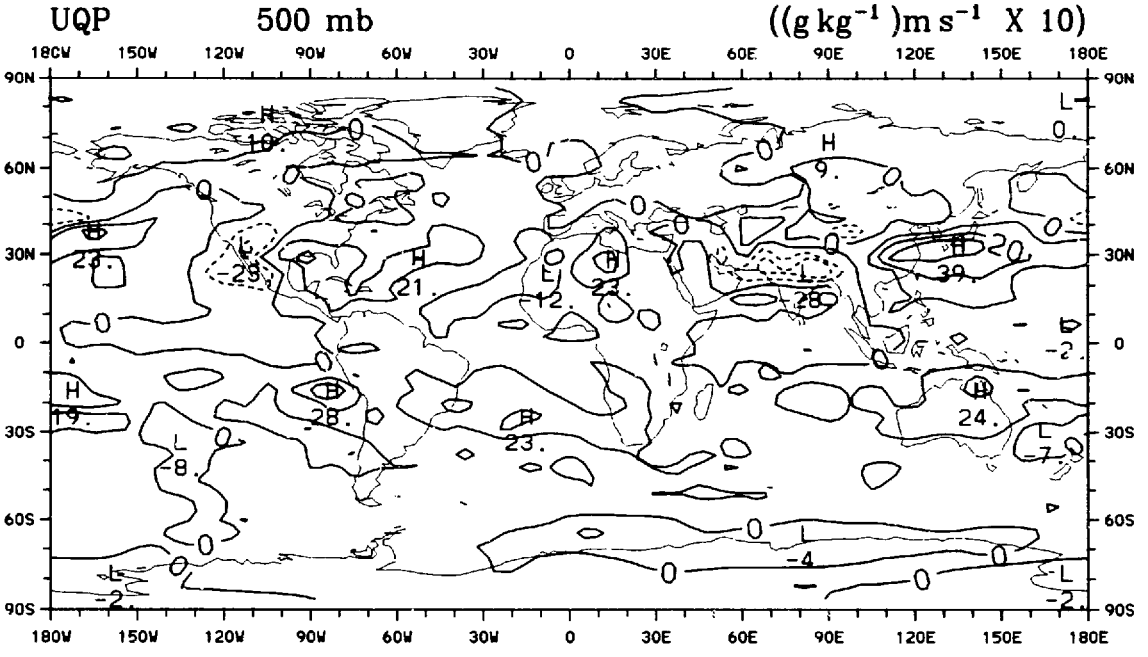
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.71883E-03 LABELS SCALED BY 10000.

FRAME 1.76

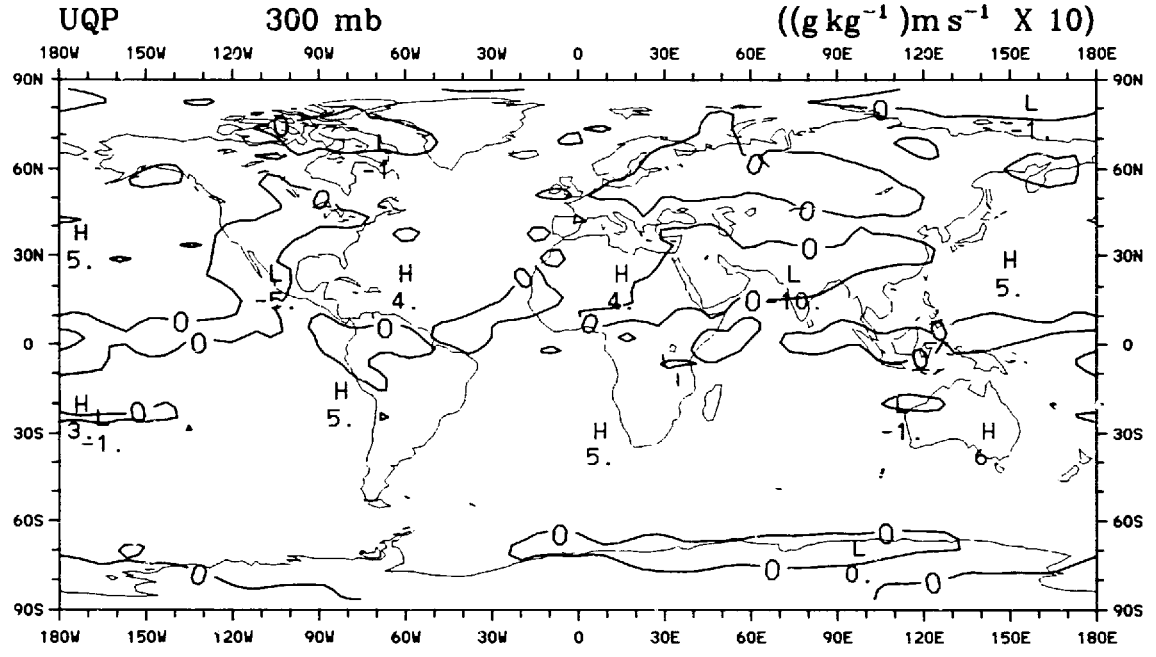
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.23453E-03 LABELS SCALED BY 10000.

FRAME 1.77

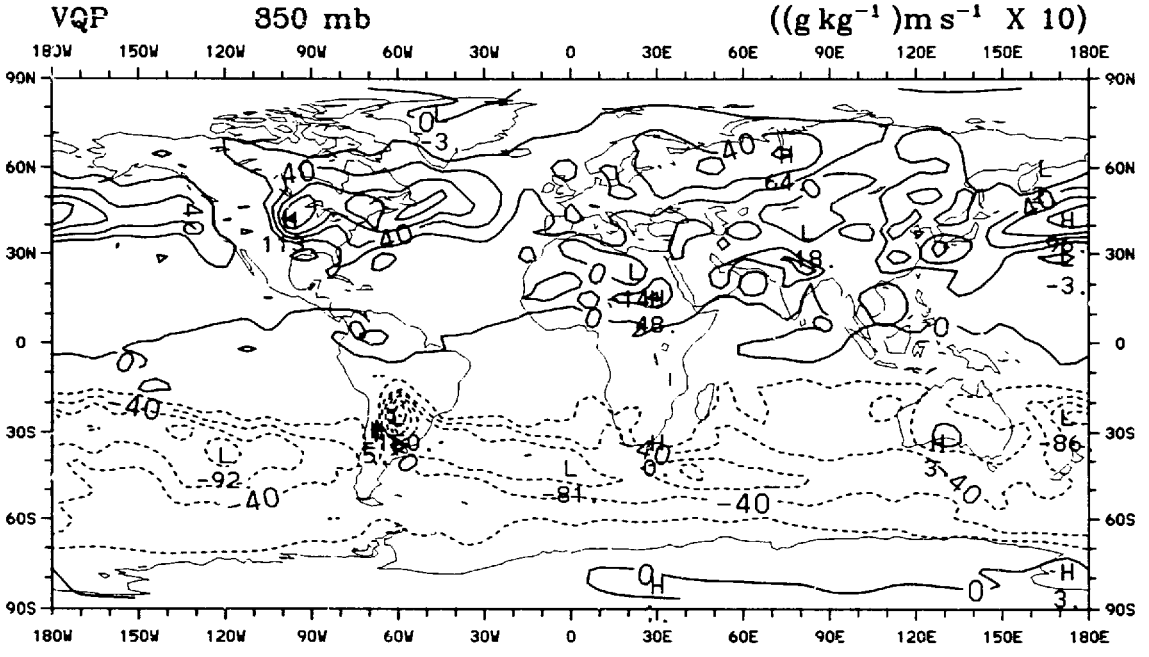
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 P:(3,3)= -0.8\008E-05 LABELS SCALED BY 10000.

FRAME 1.78

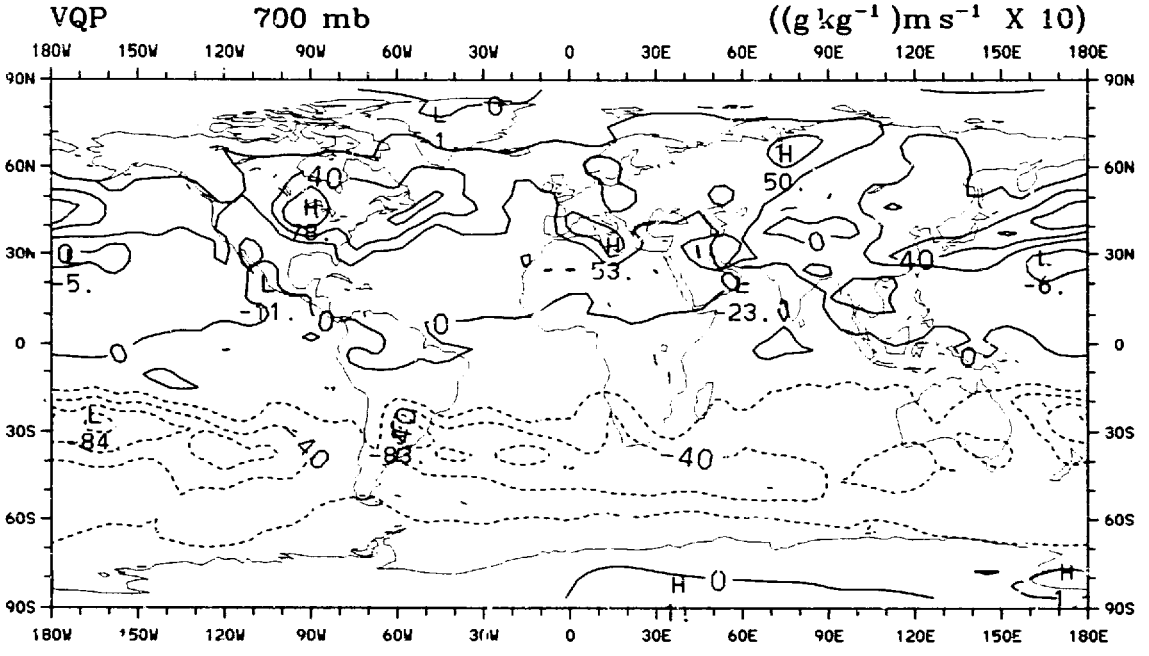
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.14000E-01 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.59151E-03 LABELS SCALED BY 10000.

FRAME 1.79

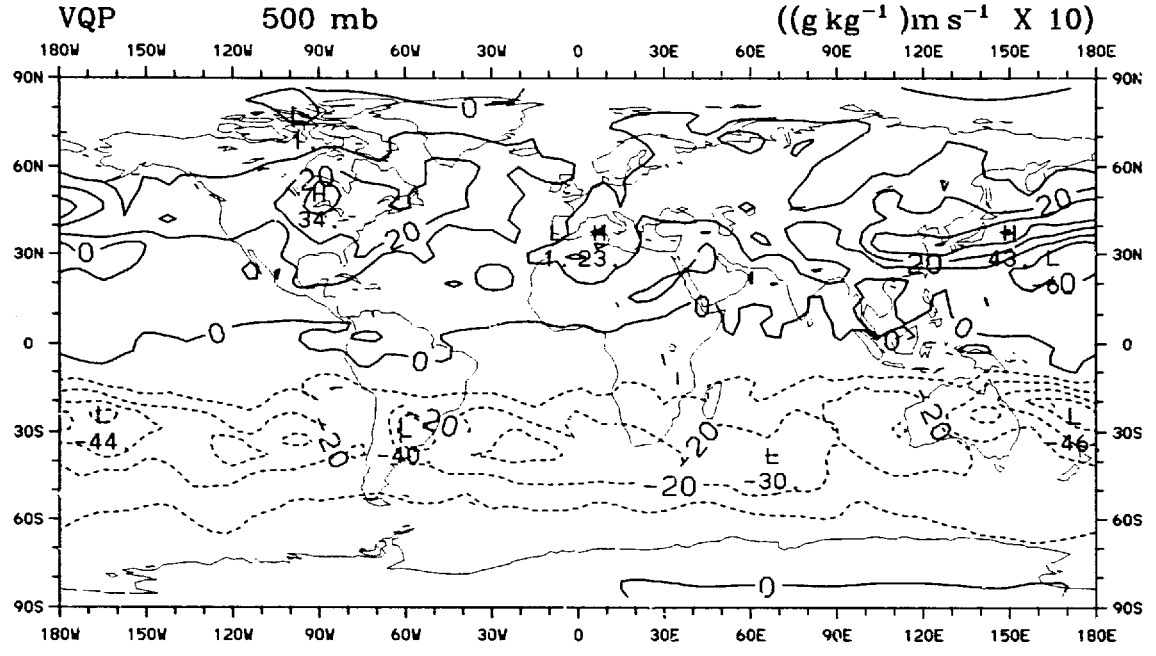
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.34658E-03 LABELS SCALED BY 10000.

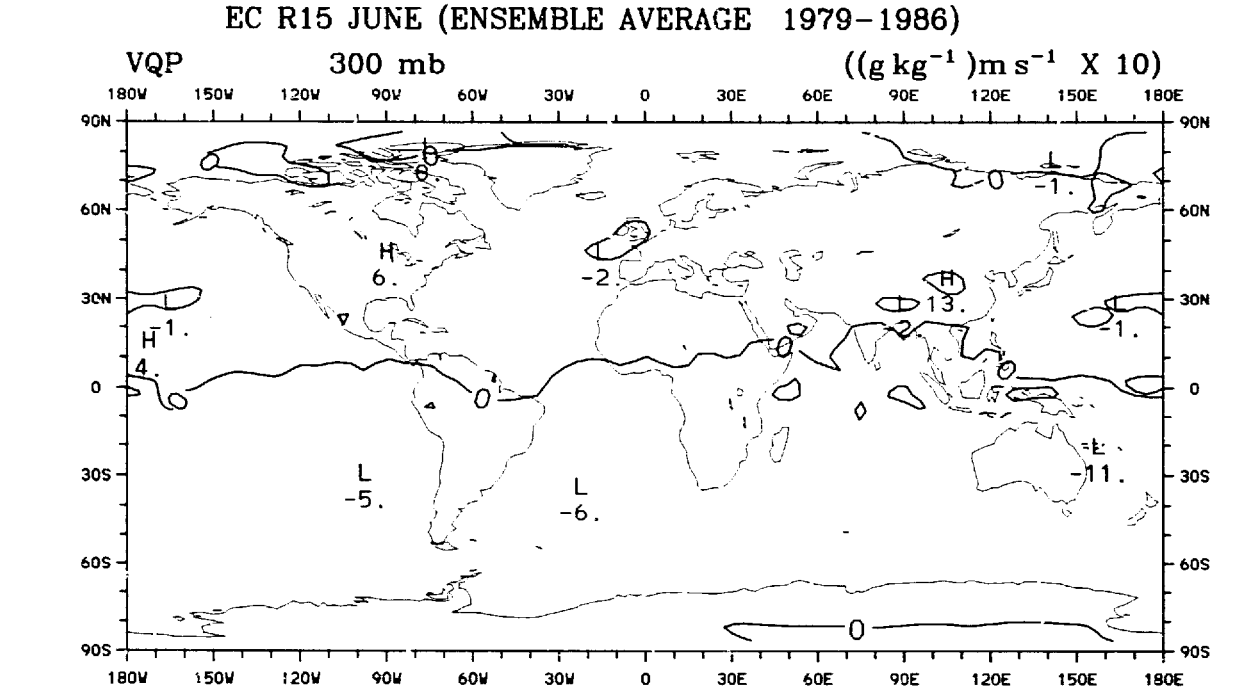
FRAME 1.80

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.14682E-03 LABELS SCALED BY 10000.

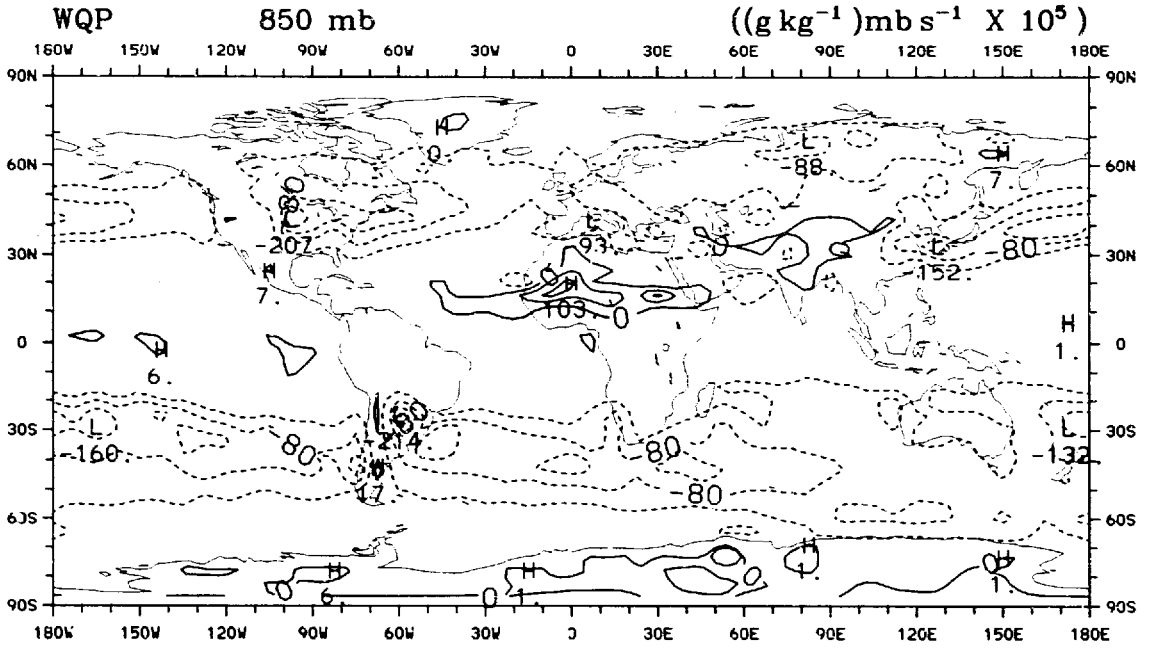
FRAME 1.81




CONTOUR FROM -0.10000E-02 TO 0.10000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.12870E-04 LABELS SCALED BY 10000.

FRAME 1.82

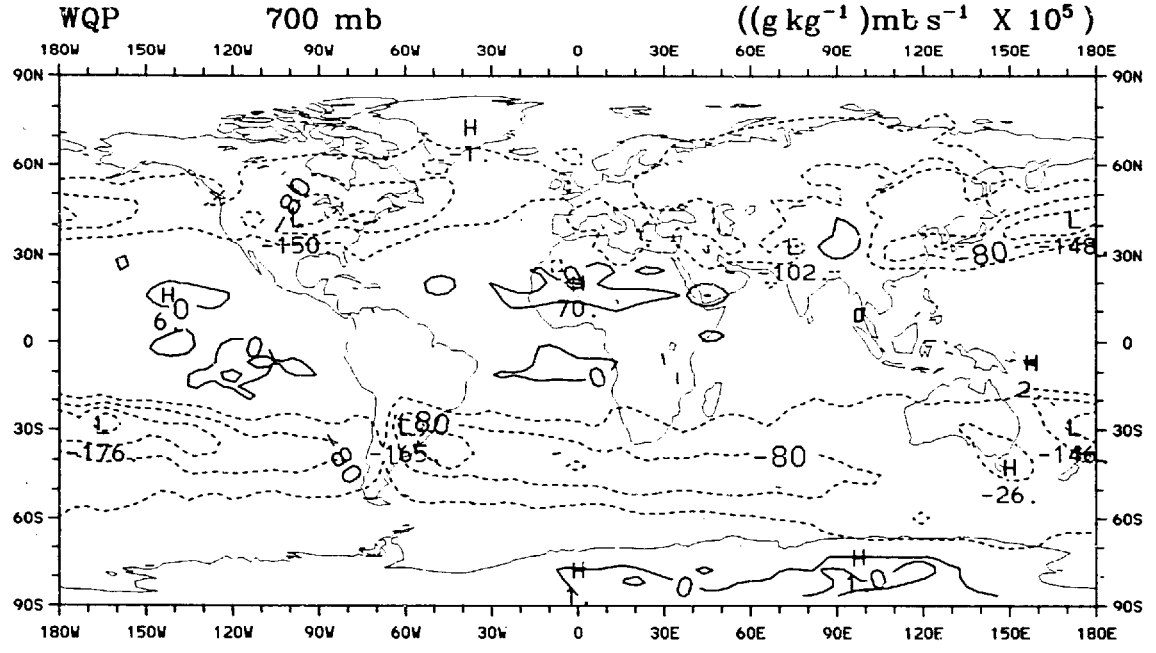
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-03 TO 0.80000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.47418E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

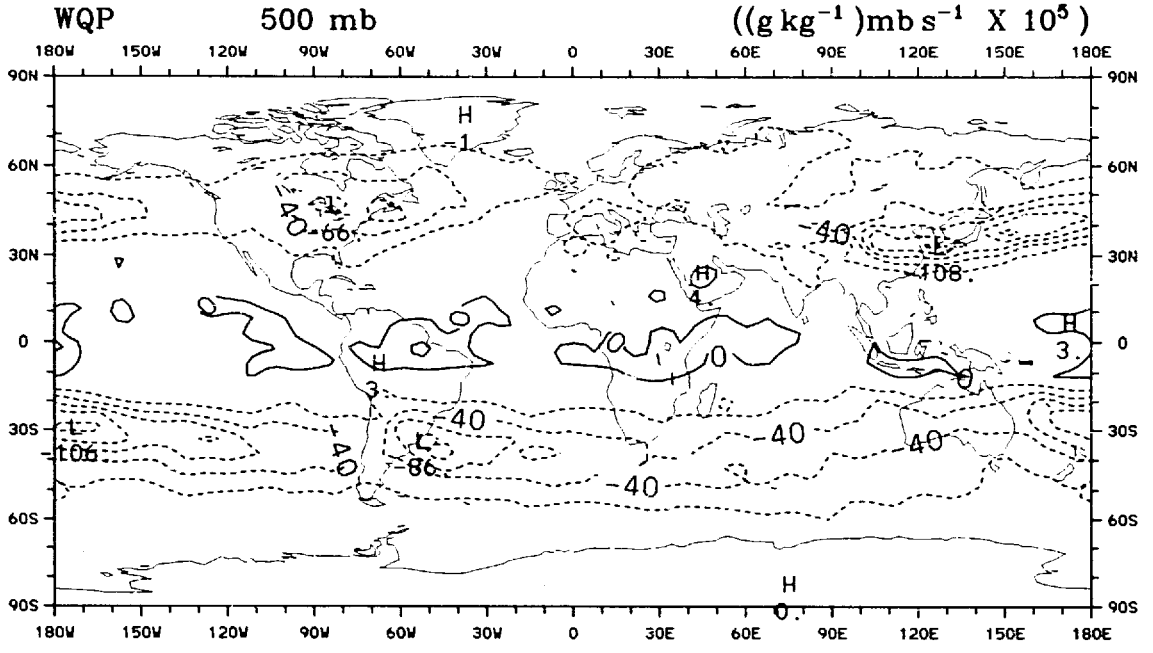
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.16000E-03 TO 0.40000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.60638E-05 LABELS SCALED BY 0.10000E+07

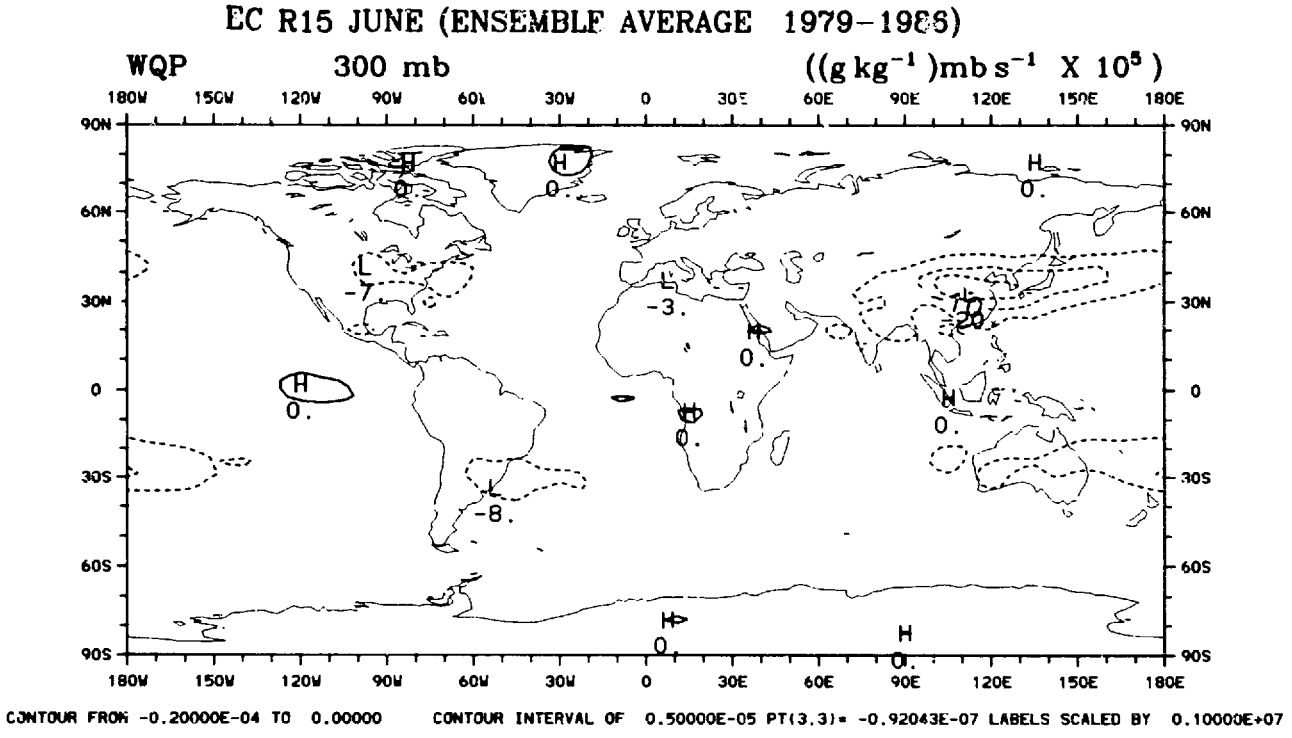
FRAME 1.84

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

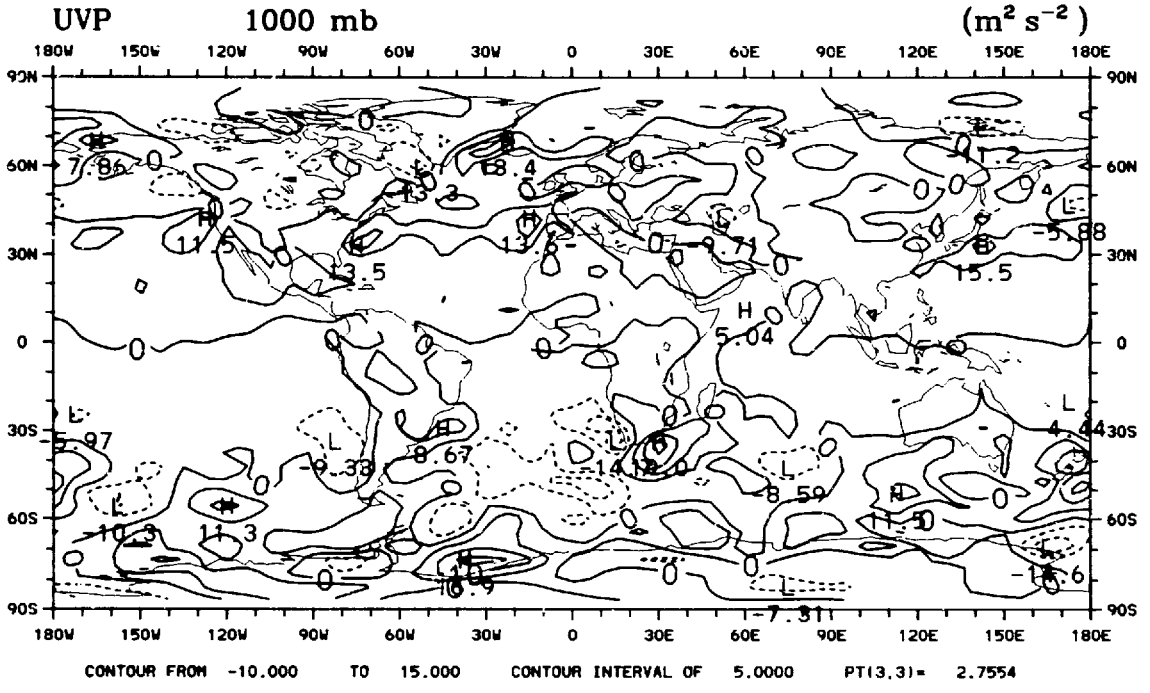



CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.30706E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

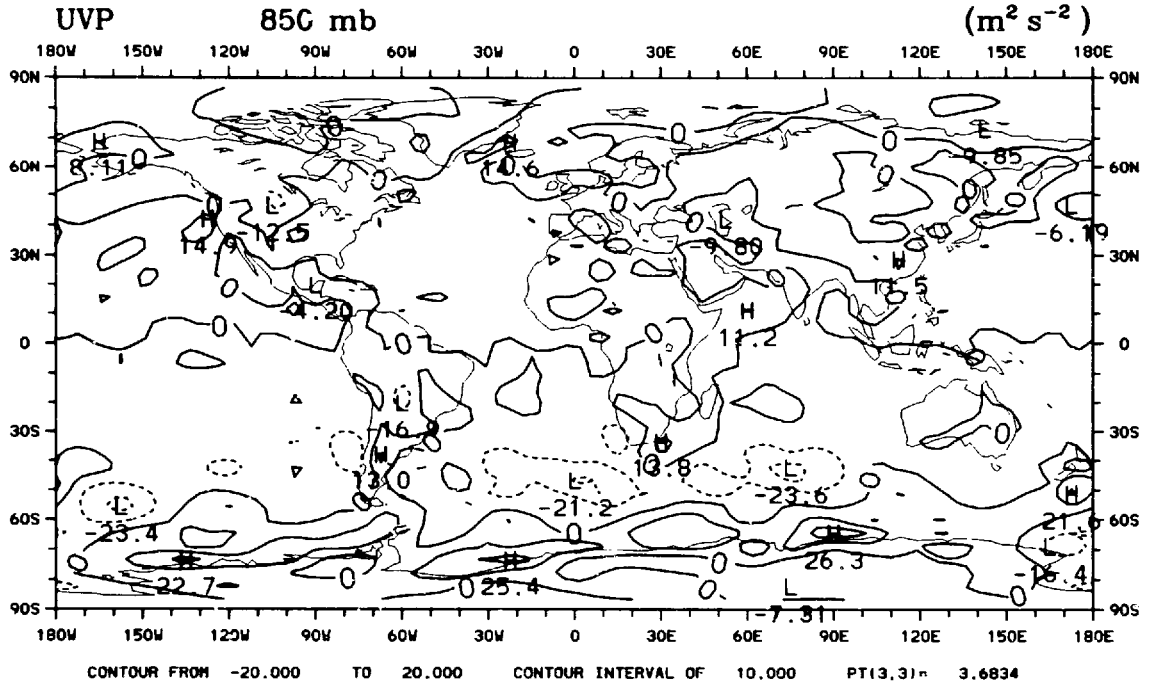

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1988)
WQP
300 mb
((g kg$^{-1}$)mb s$^{-1}$ X 10$^{5}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 0.
L -7.
L -3.
L -8.
L -20.
CONTOUR FROM -0.20000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.92043E-07 LABELS SCALED BY 0.10000E+07

FRAME 1.86


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
UVP
1000 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -10.000 TO 15.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 2.7554

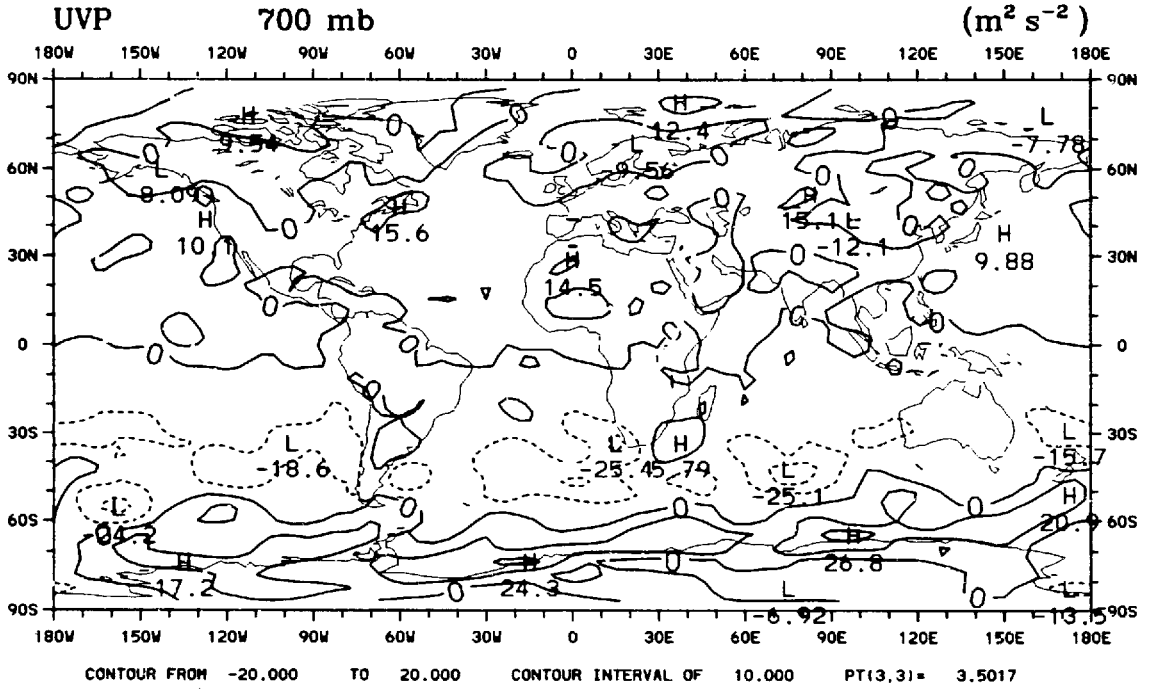
FRAME 1.87

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



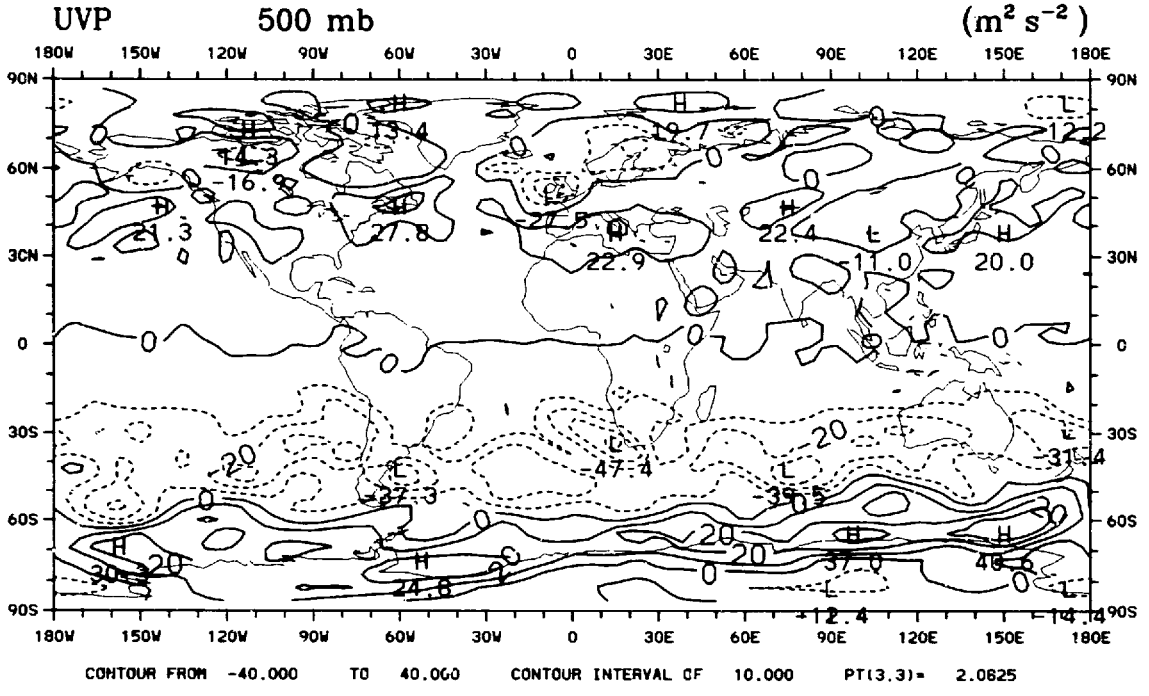

FRAME 1.88

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



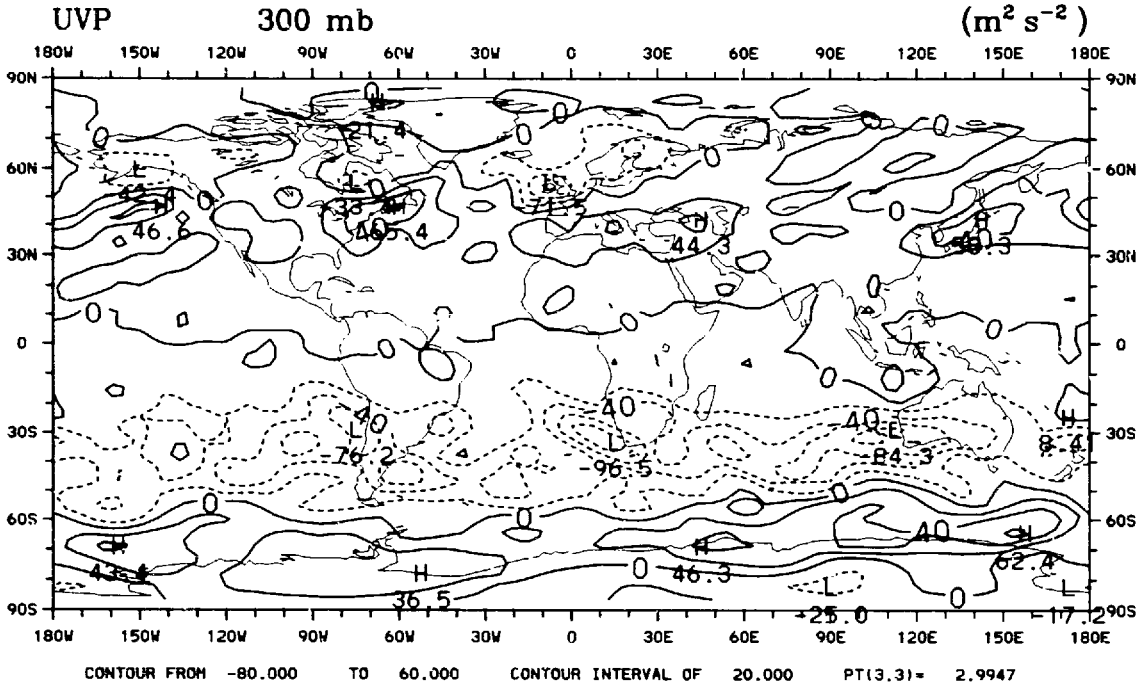

FRAME 1.89

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



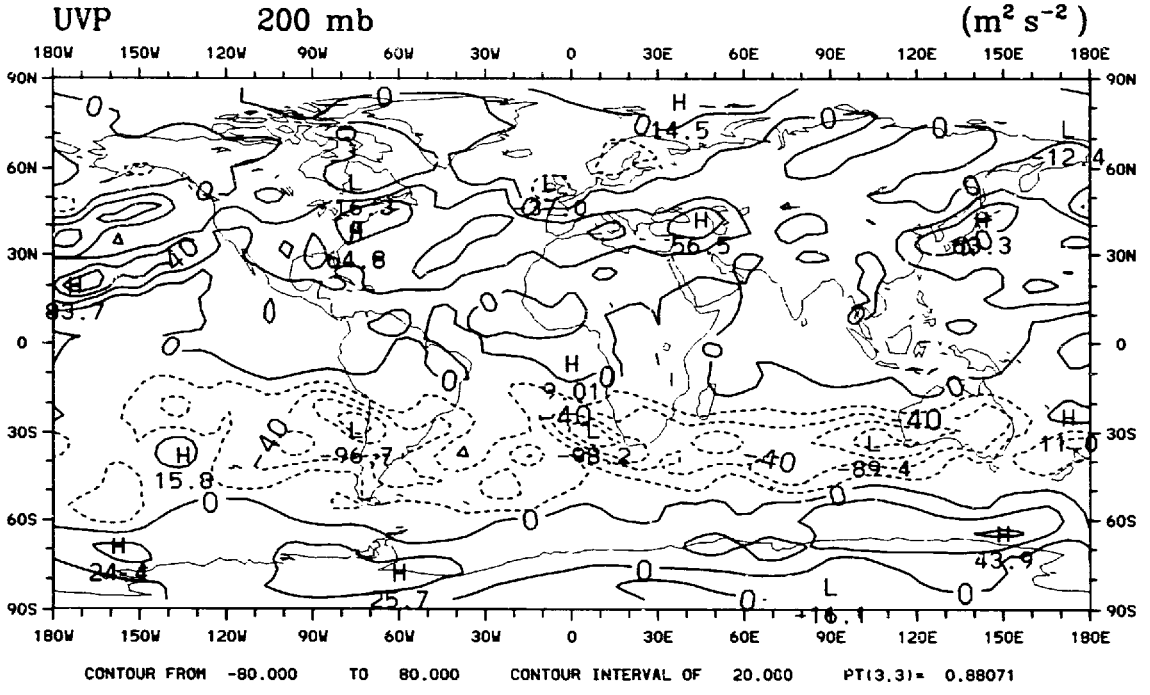

FRAME 1.90

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



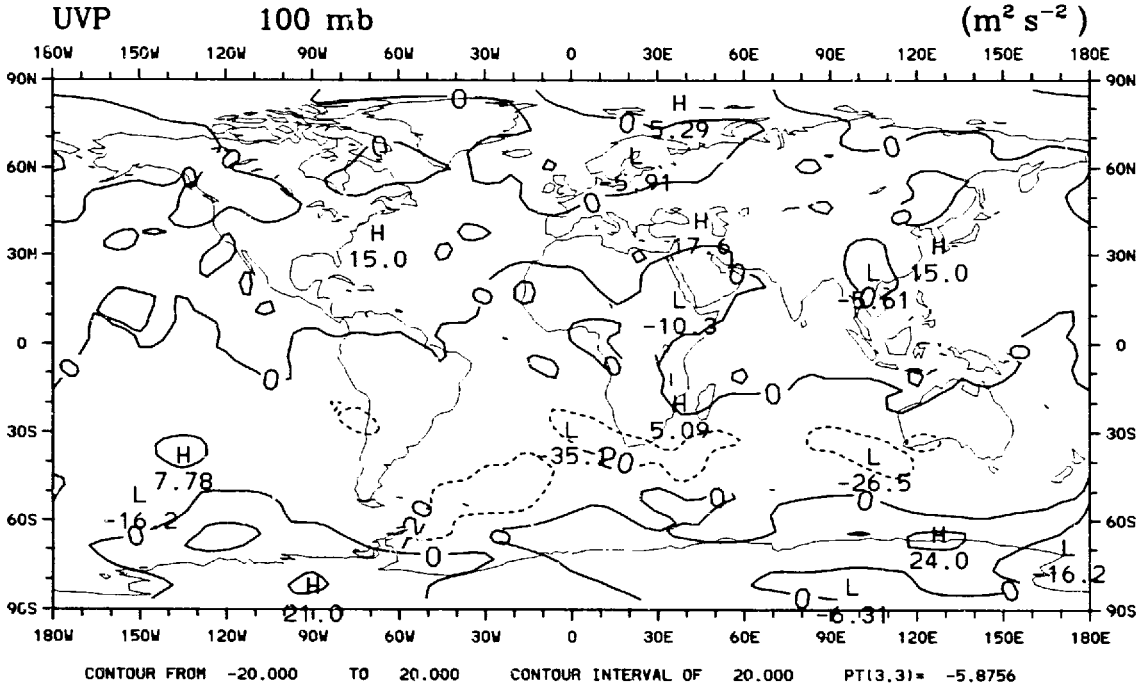

FRAME 1.91

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



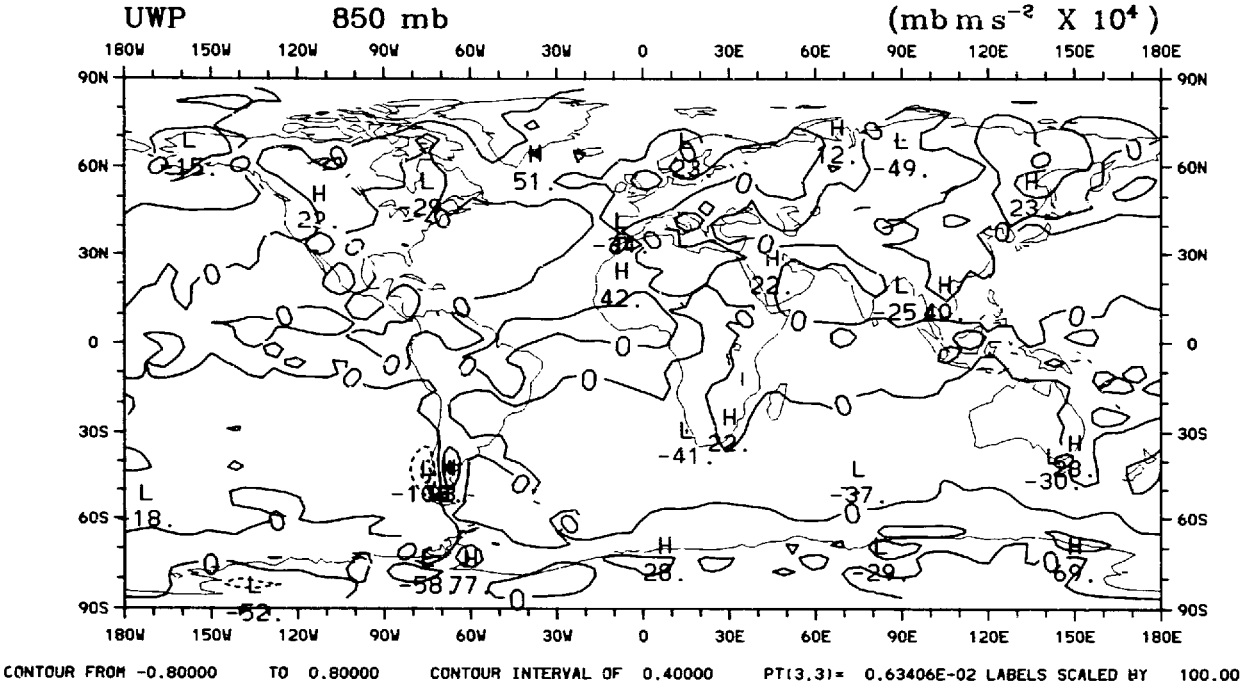

FRAME 1.92

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



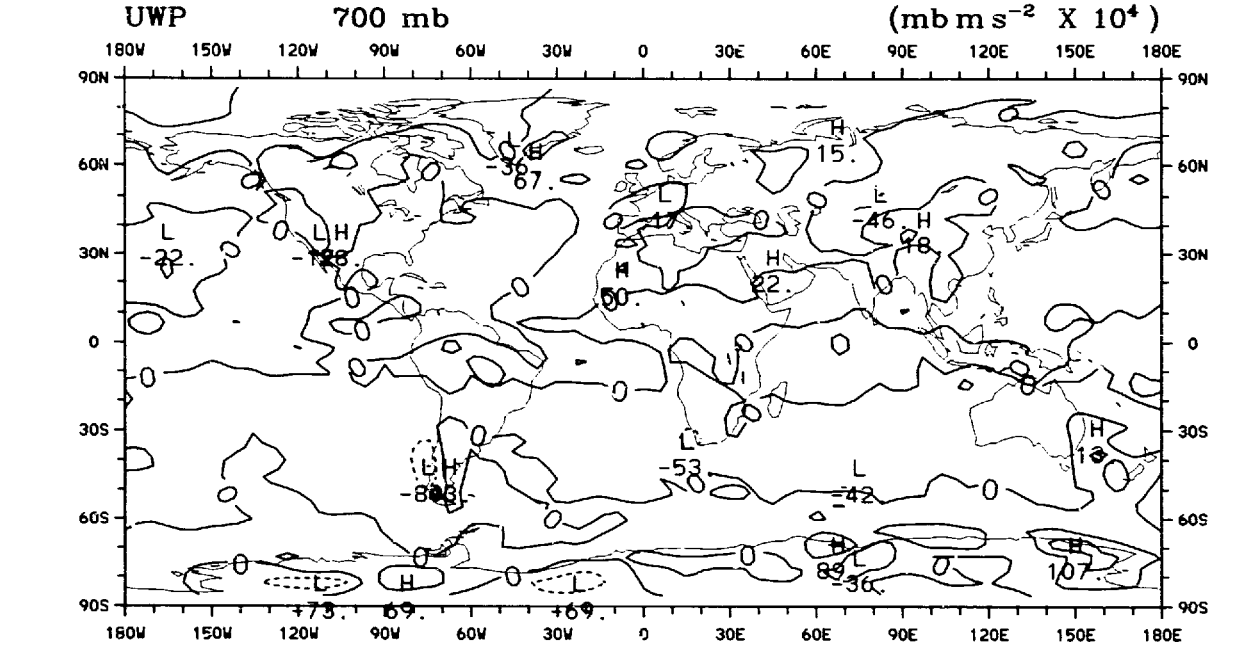

FRAME 1.93

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.94

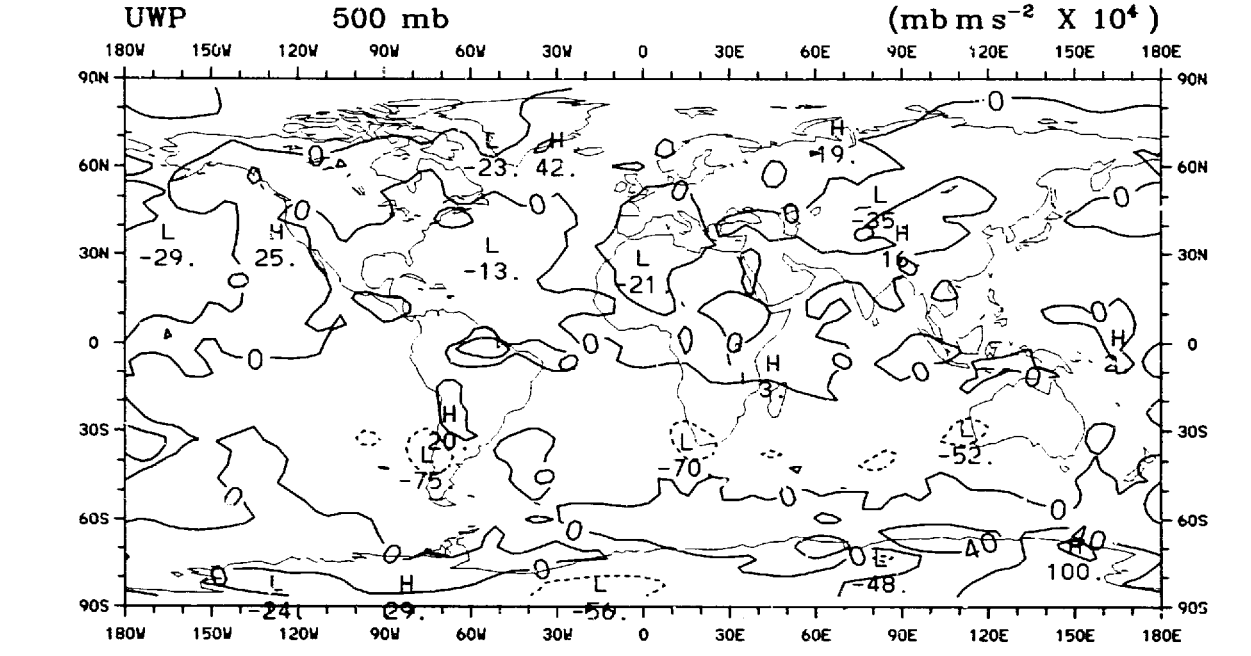
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.93908E-01 LABELS SCALED BY 100.00

FRAME 1.95

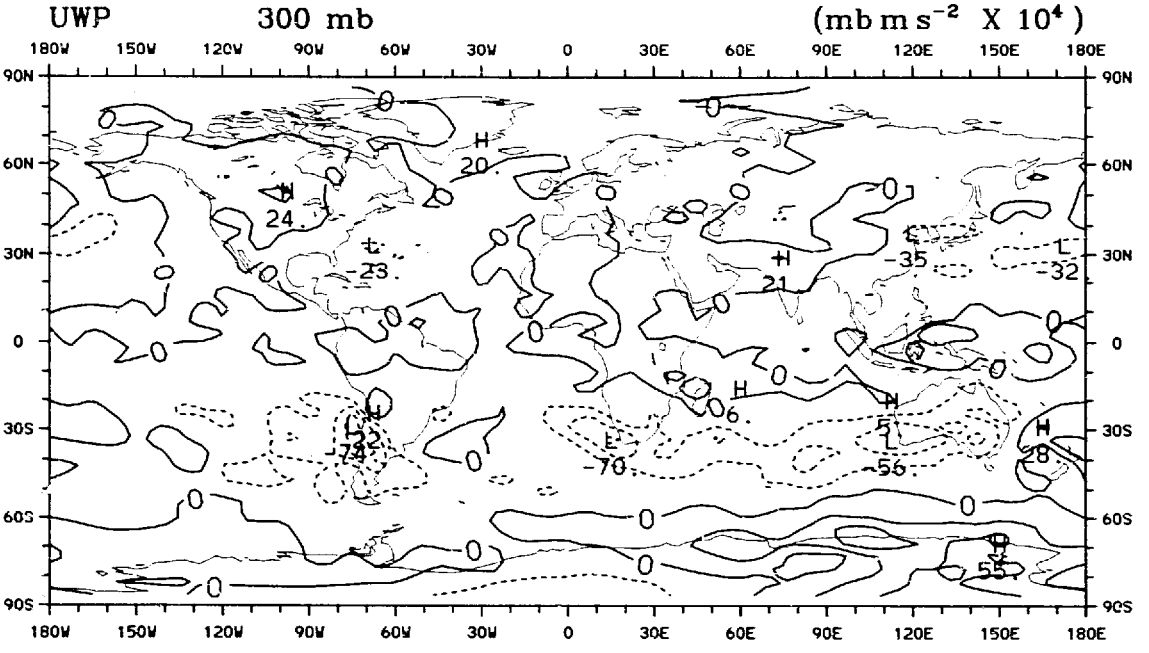
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.16303 LABELS SCALED BY 100.00

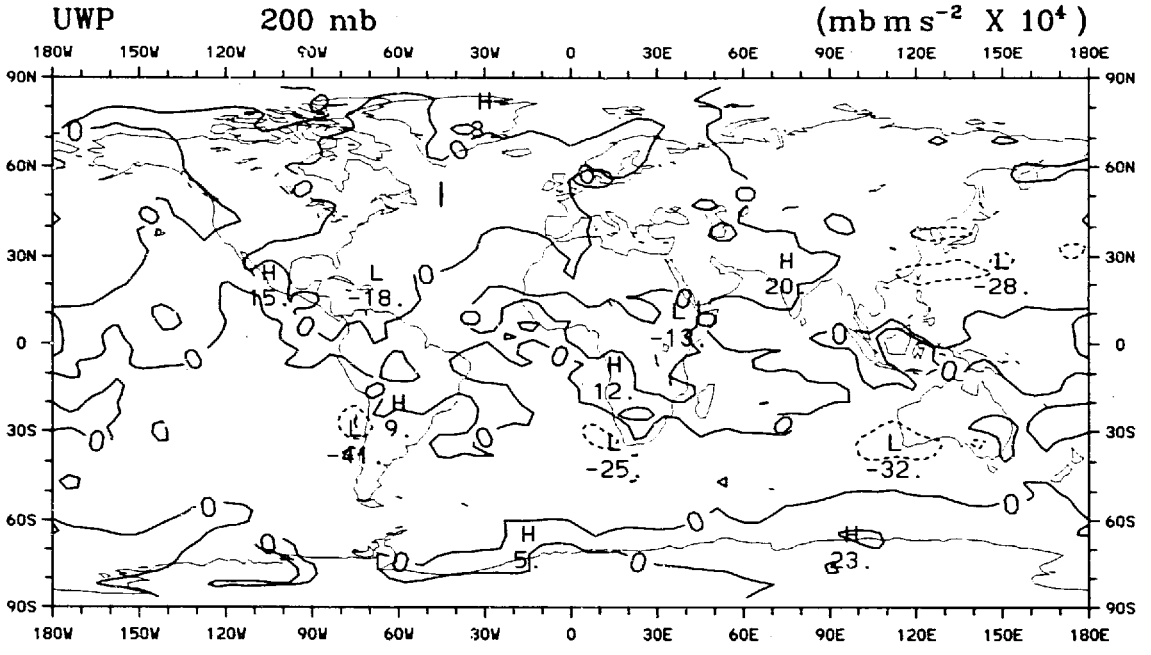
FRAME 1.96

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.97

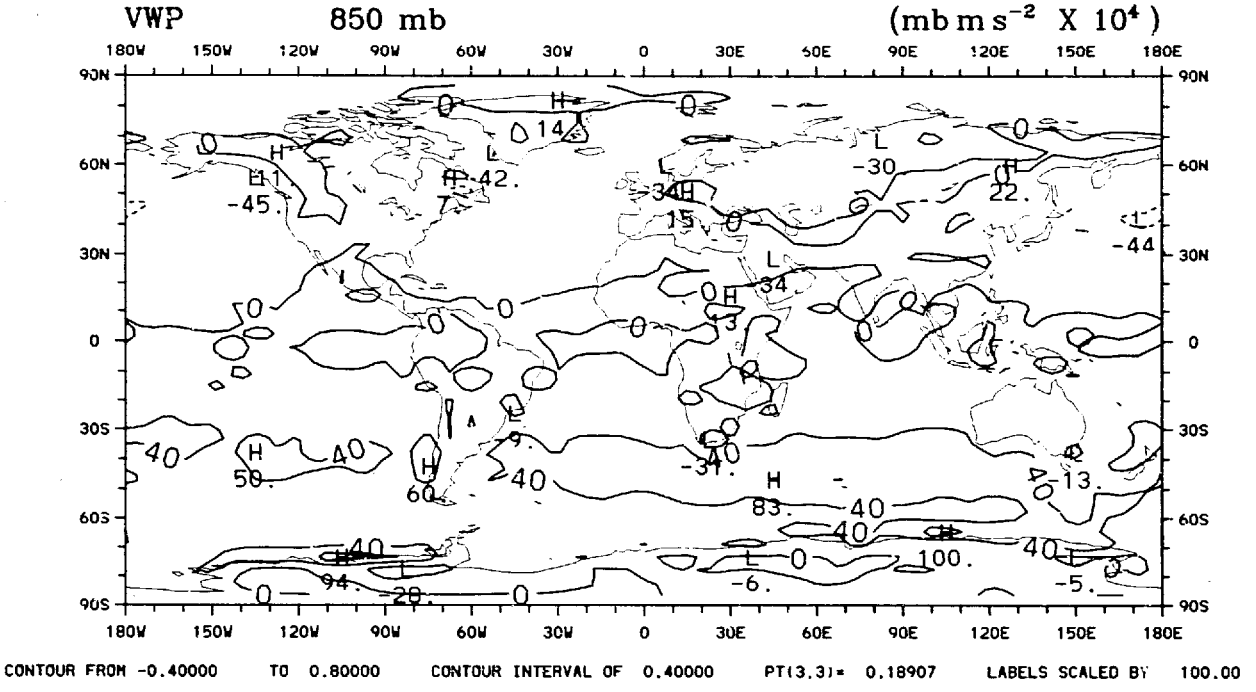
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.92546E-02 LABELS SCALED BY 100.00

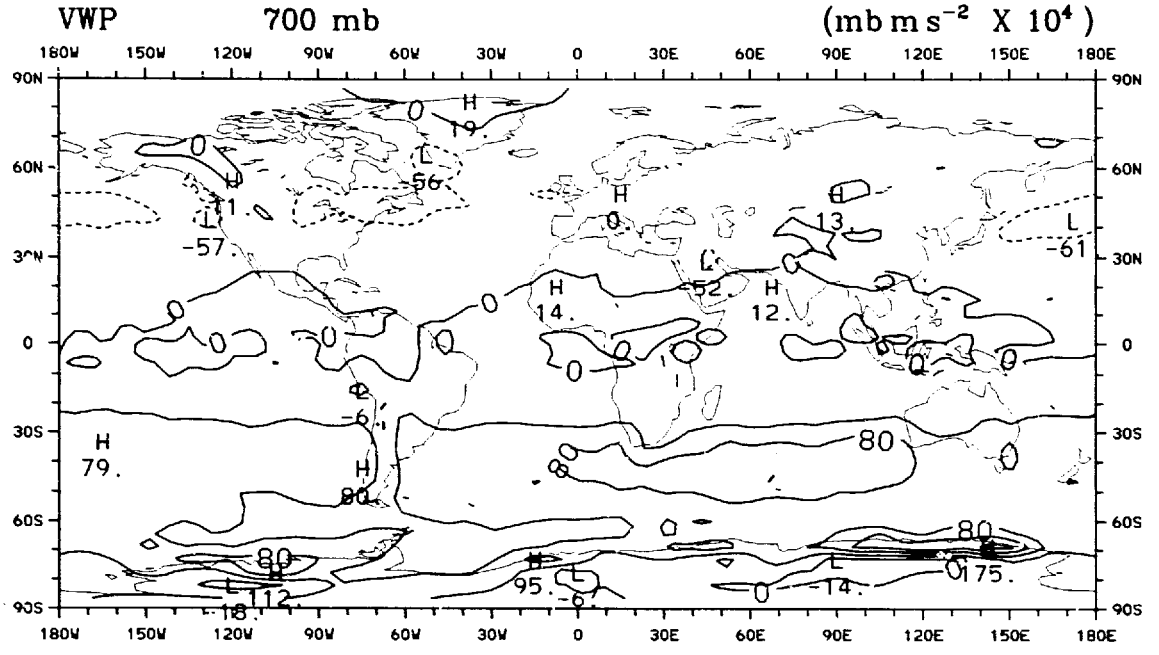
FRAME 1.98

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.99

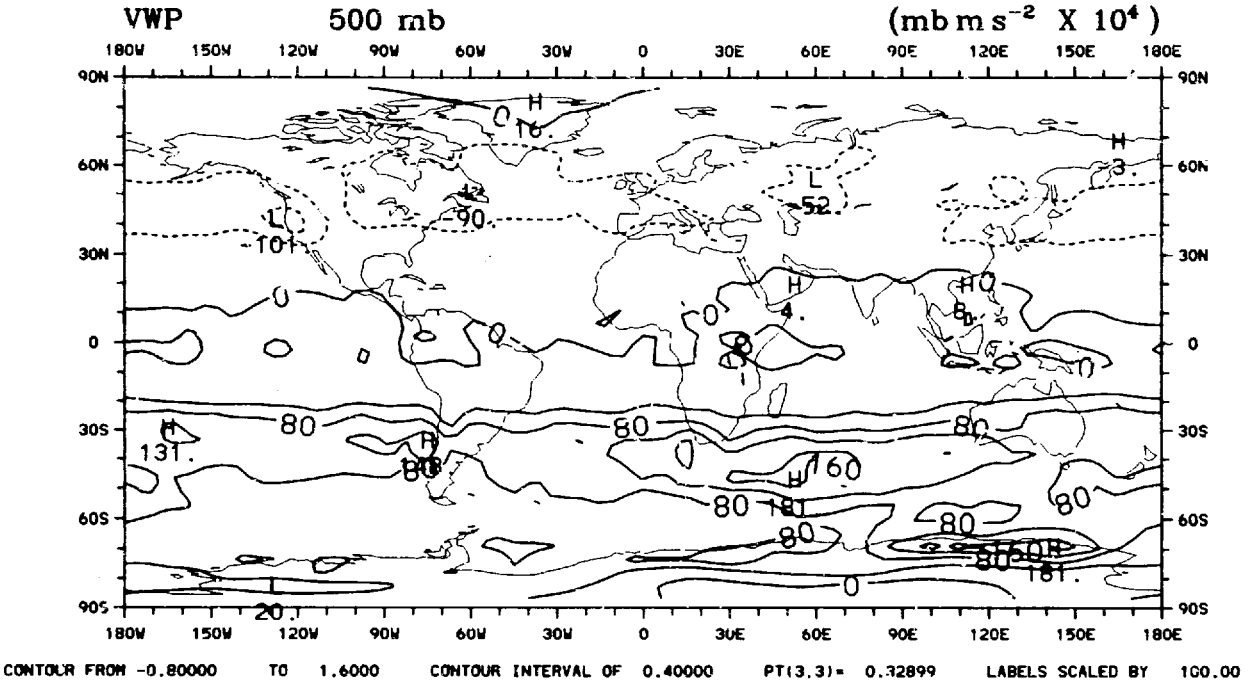
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



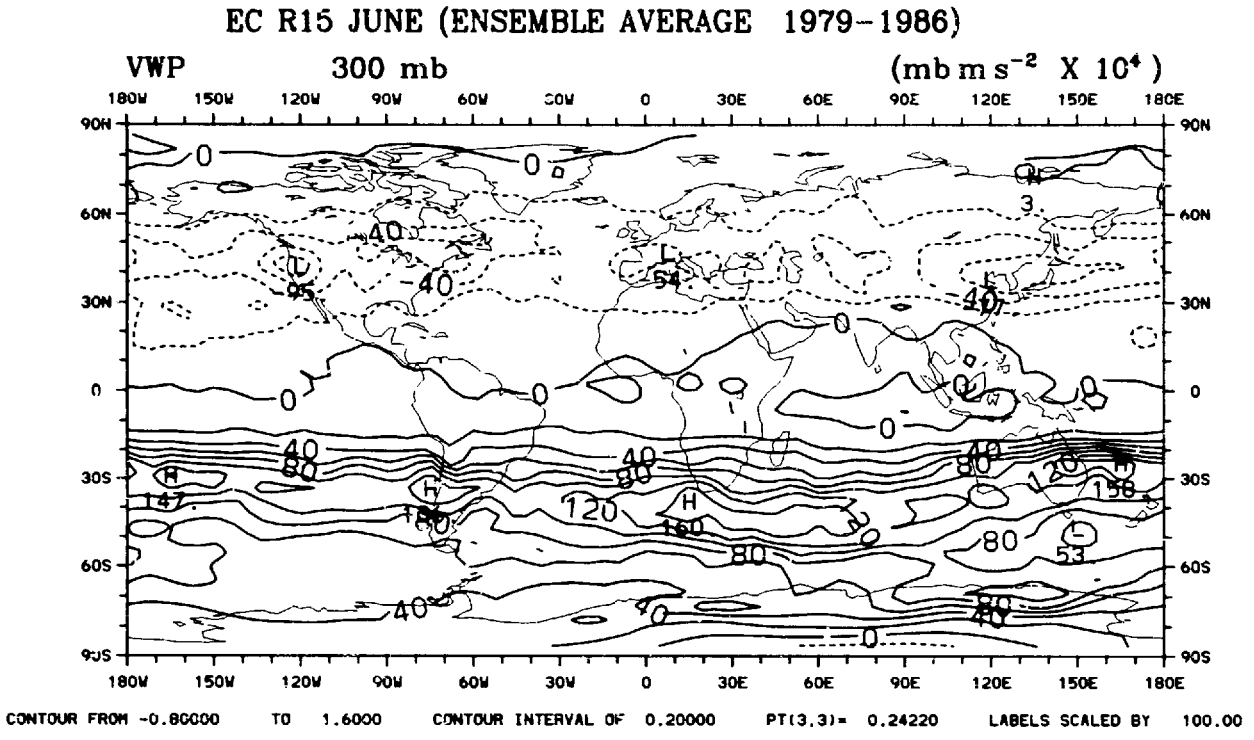

CONTOUR FROM -0.40000 TO 1.6000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.25316 LABELS SCALED BY 100.00

FRAME 1.100

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

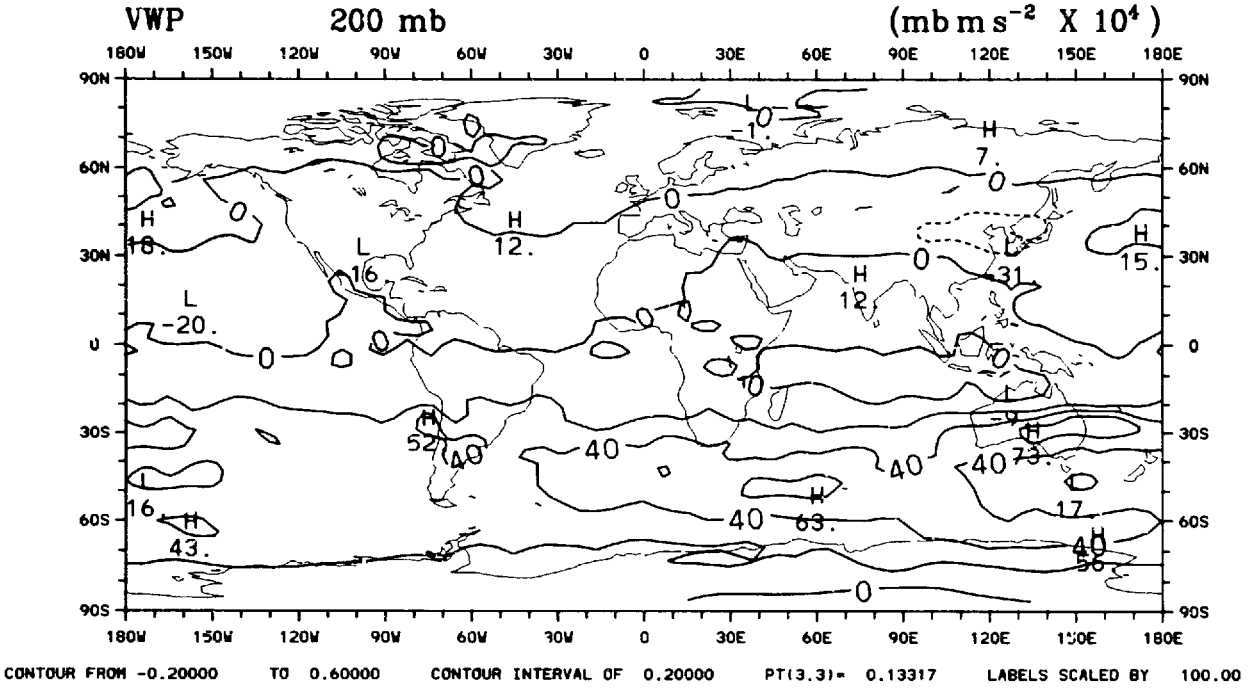



FRAME 1.101


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
VWP
300 mb
(mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.80000 TO 1.6000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.24220 LABELS SCALED BY 100.00

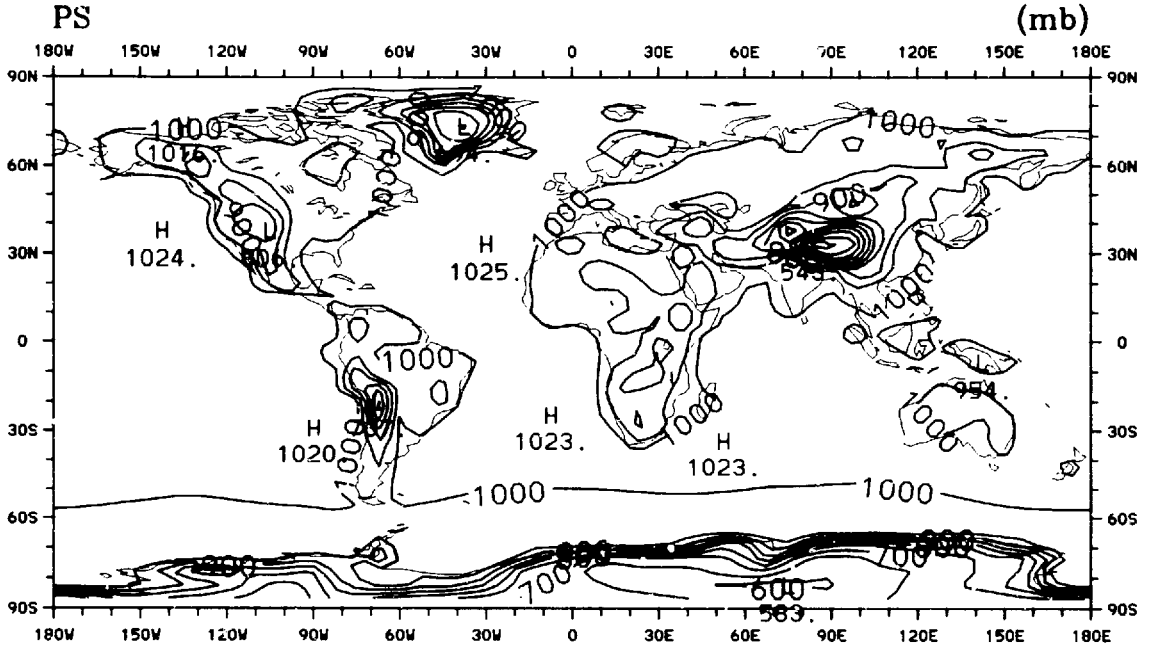
FRAME 1.102

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.103

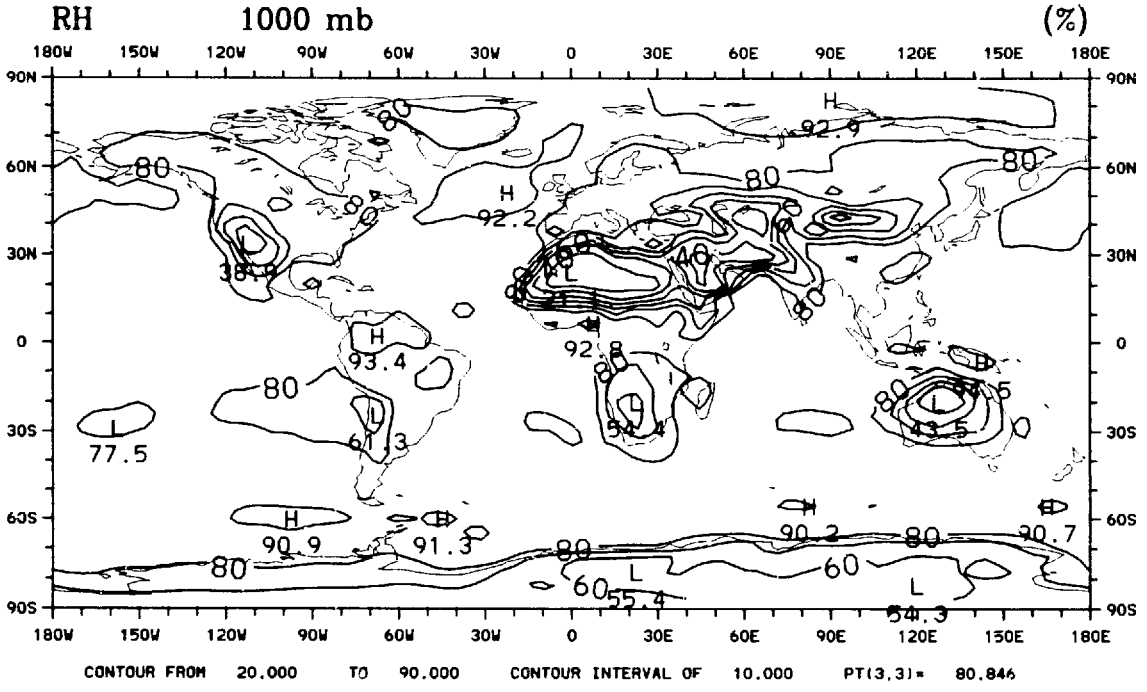
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 98009. LABELS SCALED BY 0.10000E-01

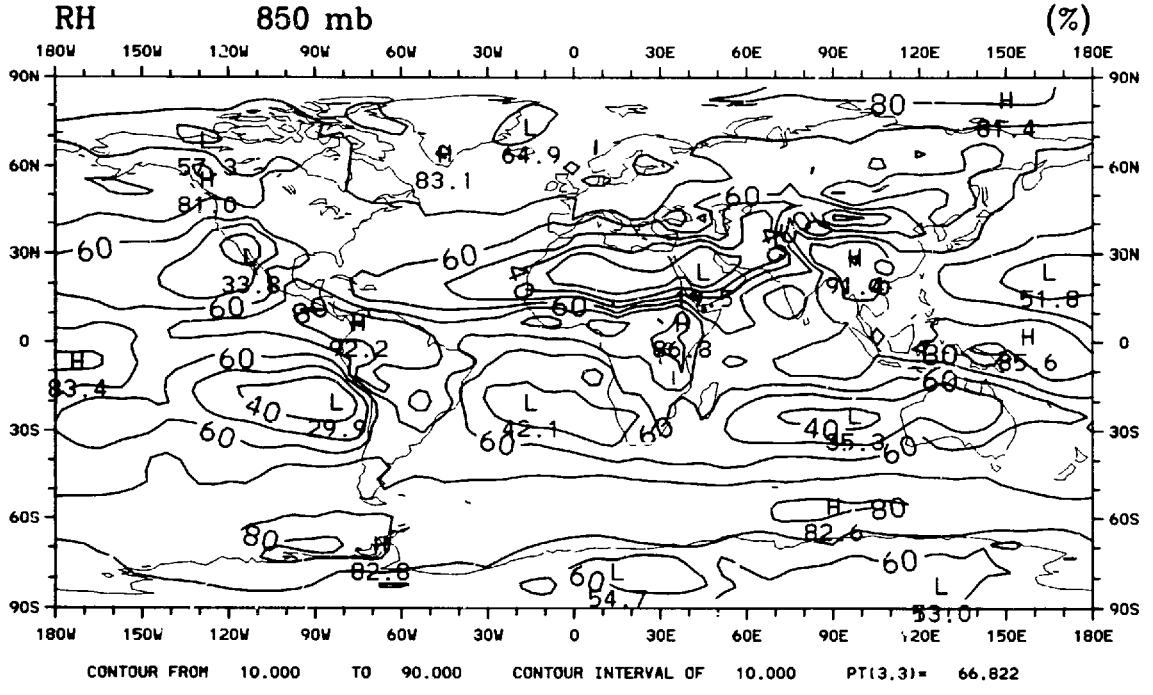
FRAME 1.104

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



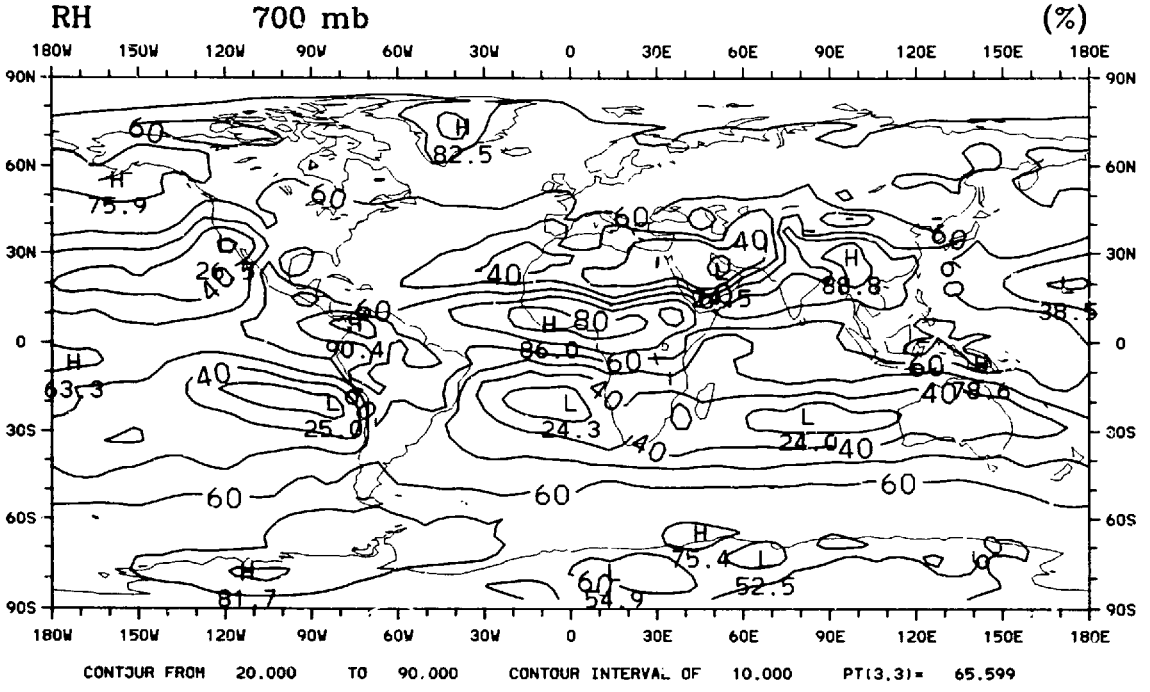

FRAME 1.105

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



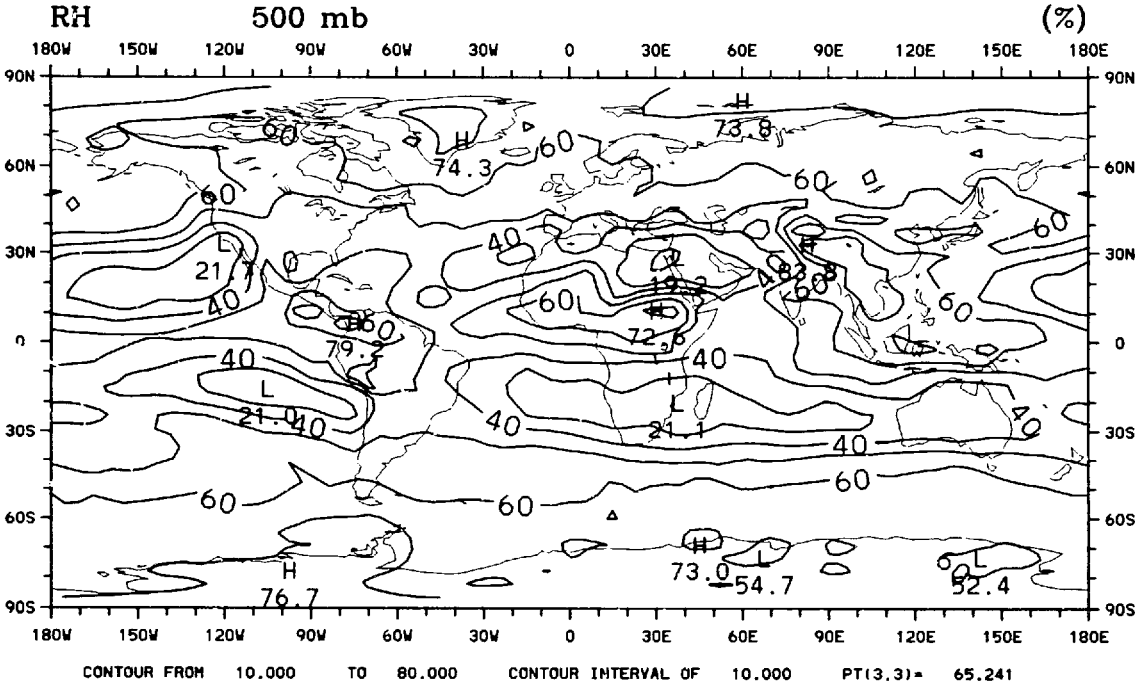

FRAME 1.106

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



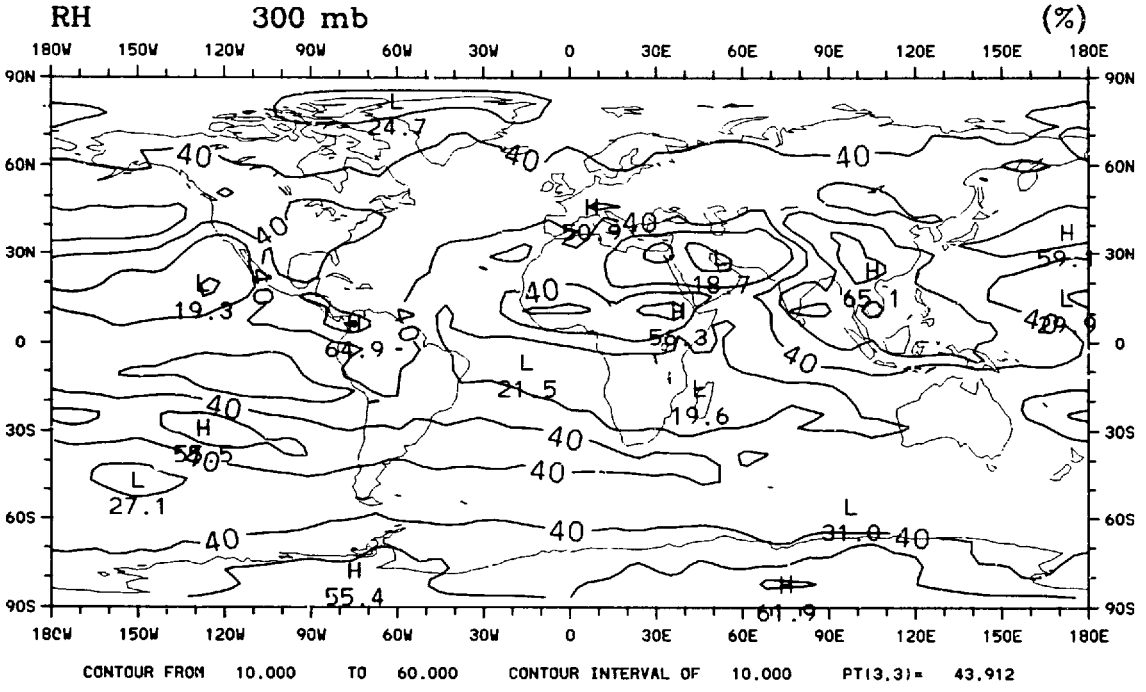

FRAME 1.107

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.108

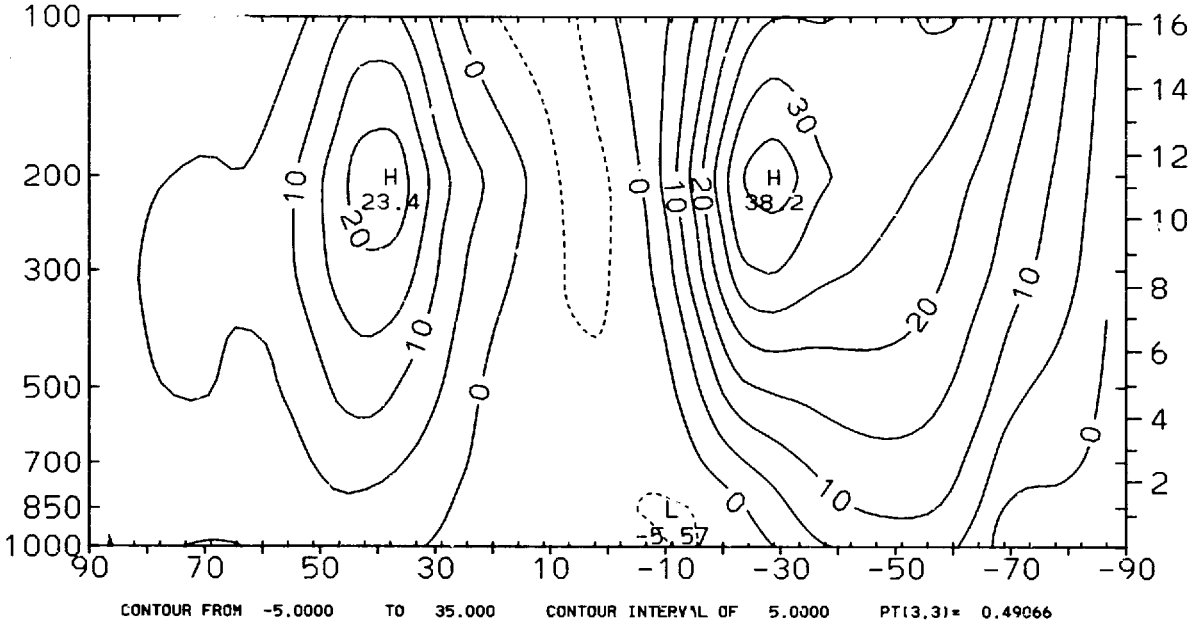
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.109

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

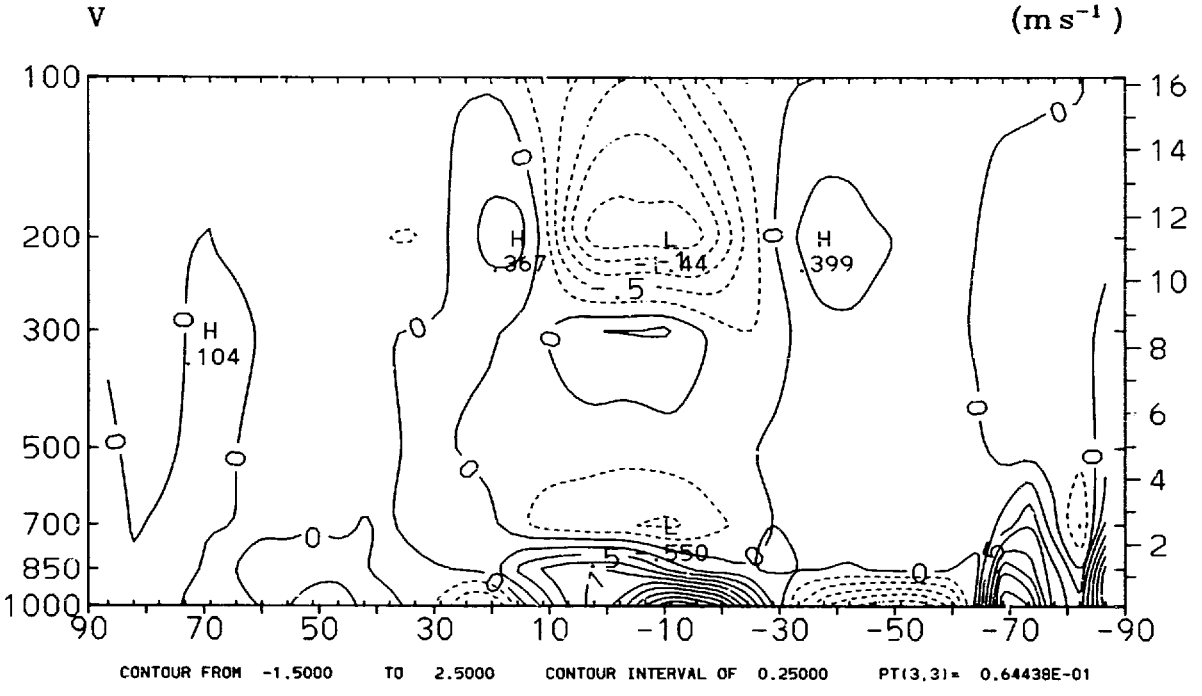
U (m s$^{-1}$)




CONTOUR FROM -5.0000 TO 35.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 0.49066

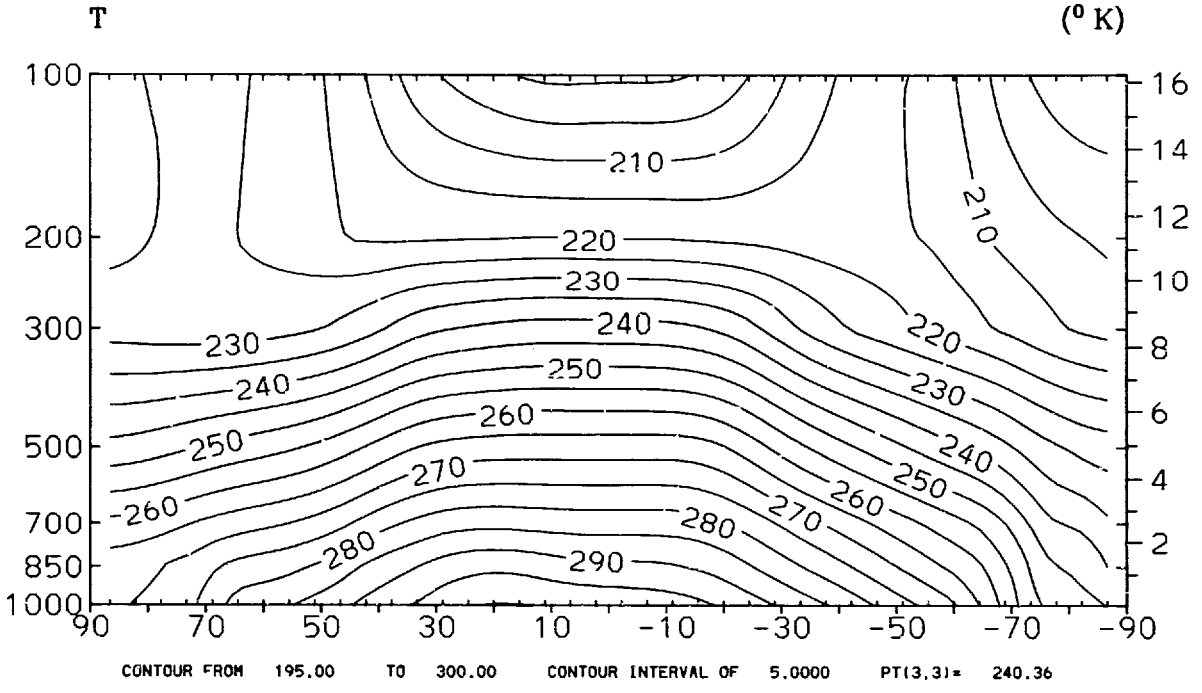
FRAME 1.110

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.111

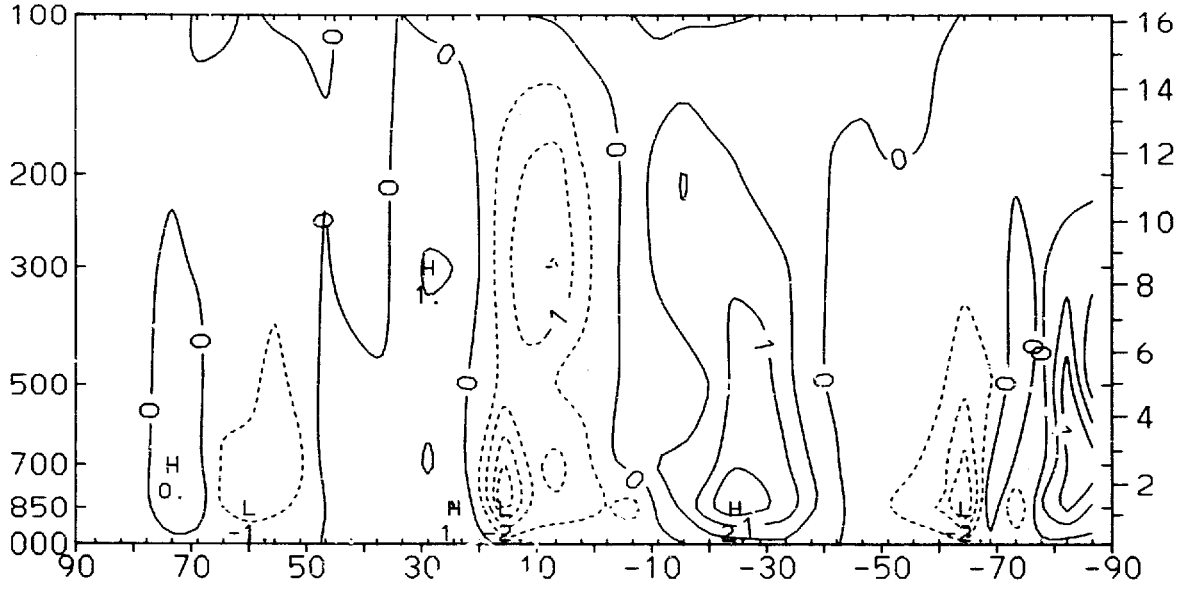
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

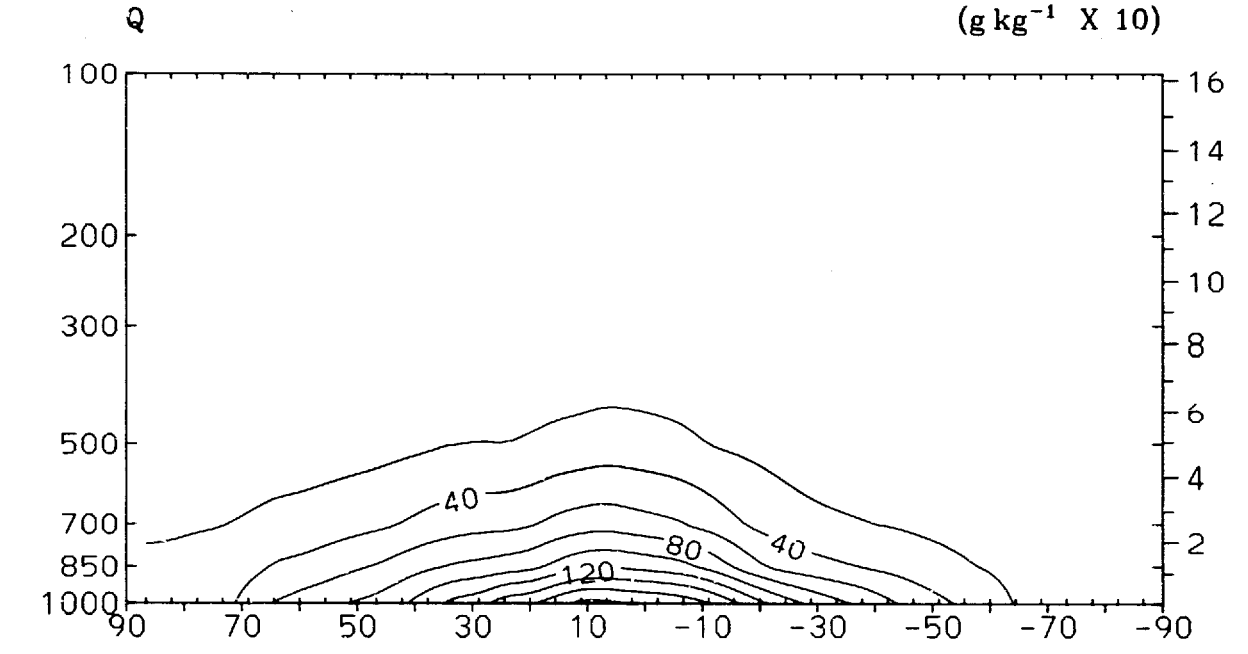
OMEGA (mb $s^{-1}$ X $10^4$)




CONTOUR FROM -0.20000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= -0.94280E-03 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

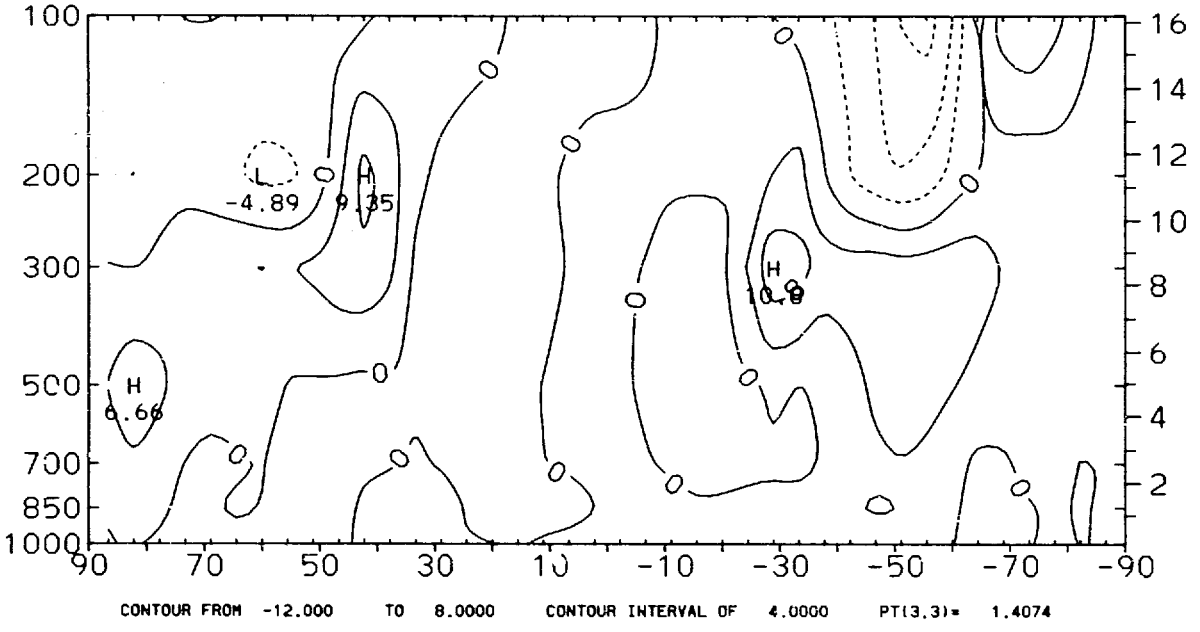



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.32432E-03 LABELS SCALED BY 10000.

FRAME 1.114

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

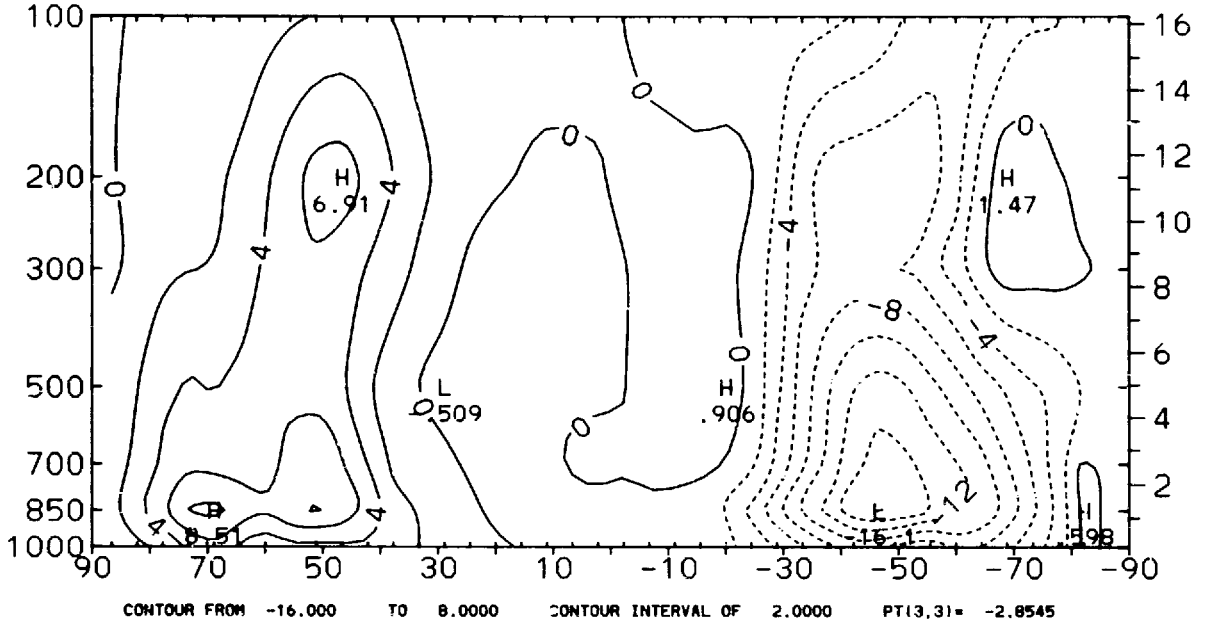
UTP ($^0$ K m s$^{-1}$)




FRAME 1.115

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

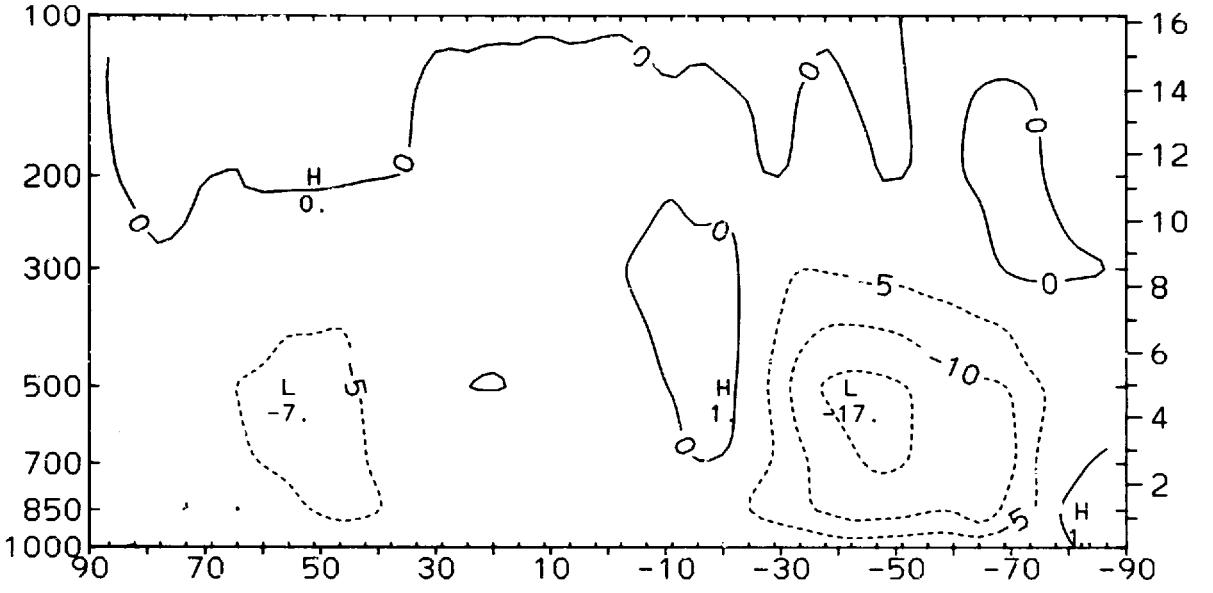
VTP ($^0$ K m s$^{-1}$)




FRAME 1.116

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

WTP ($^0$ K m b s$^{-1}$ X $10^4$)

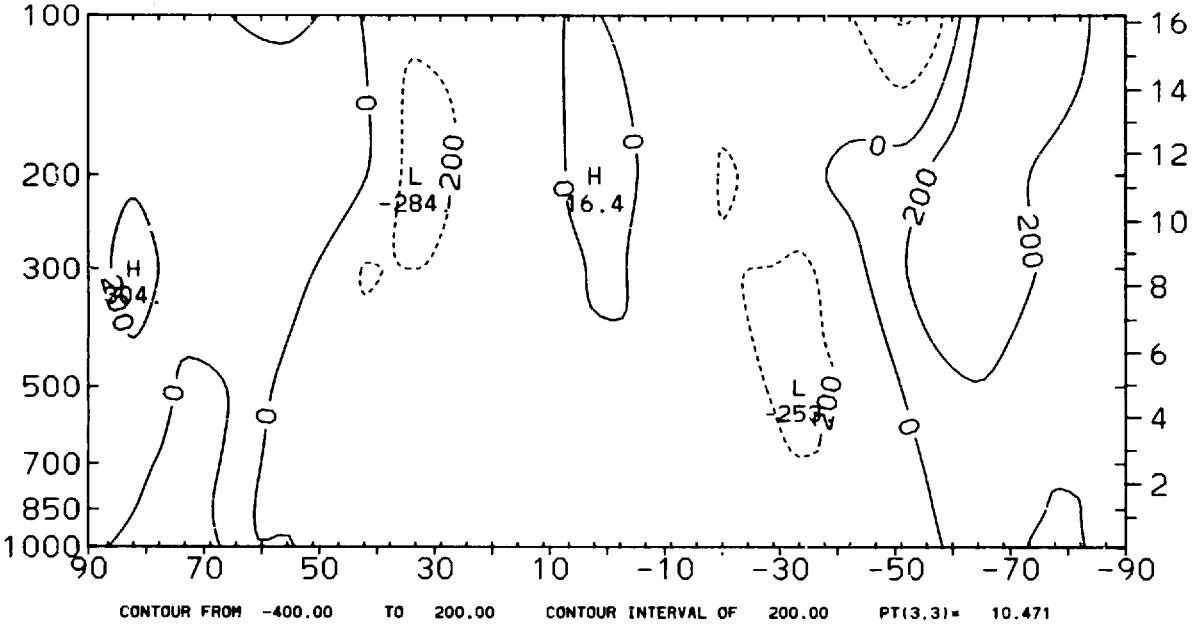



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.14977E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

UZP $(m^2 s^{-1})$

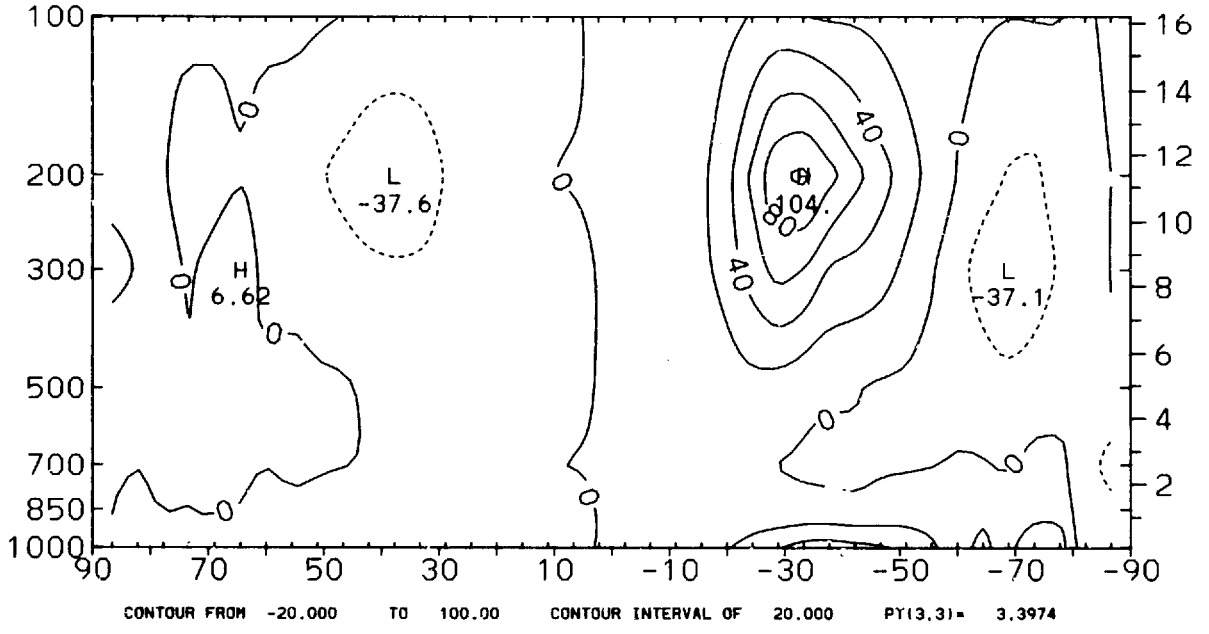



CONTOUR FROM -400.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 10.471

FRAME 1.118

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

VZP $(m^2 s^{-1})$



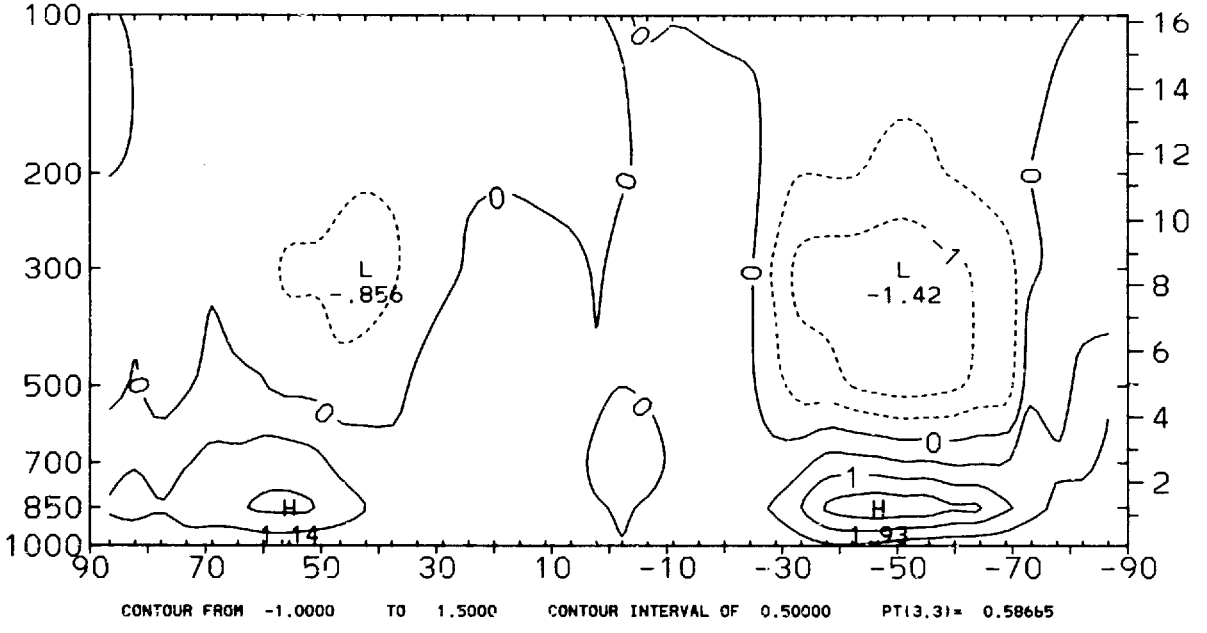

CONTOUR FROM -20.000 TO 100.00 CONTOUR INTERVAL OF 20.000 PY(3,3)= 3.3974

FRAME 1.119

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

WZP

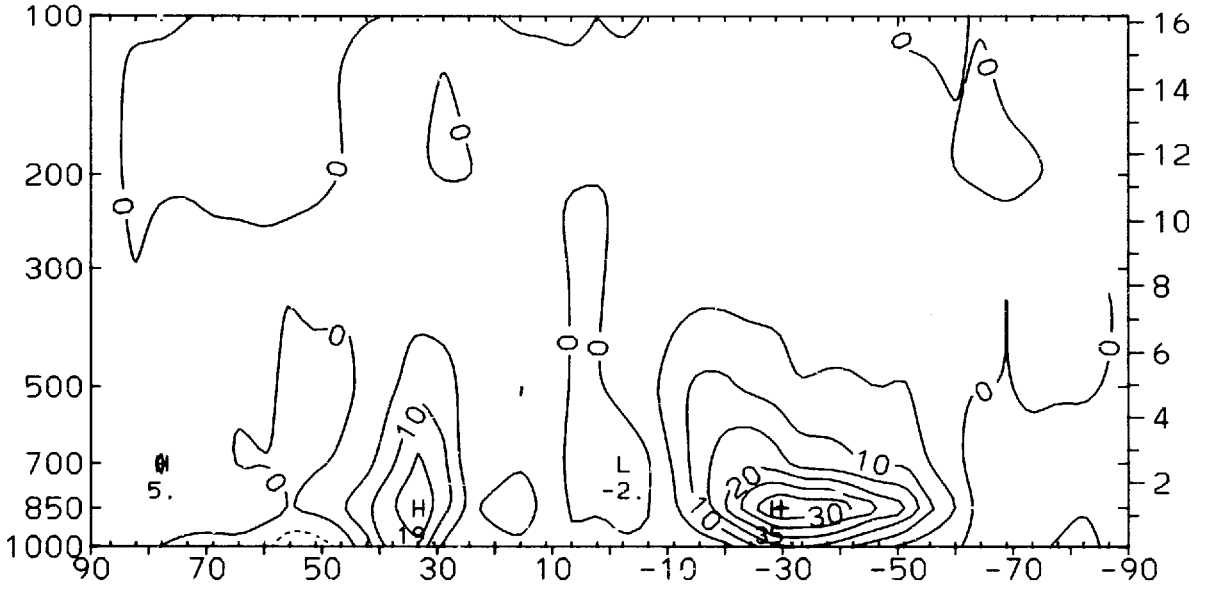
($mb\,m\,s^{-1}$ X $10^2$)




FRAME 1.120

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

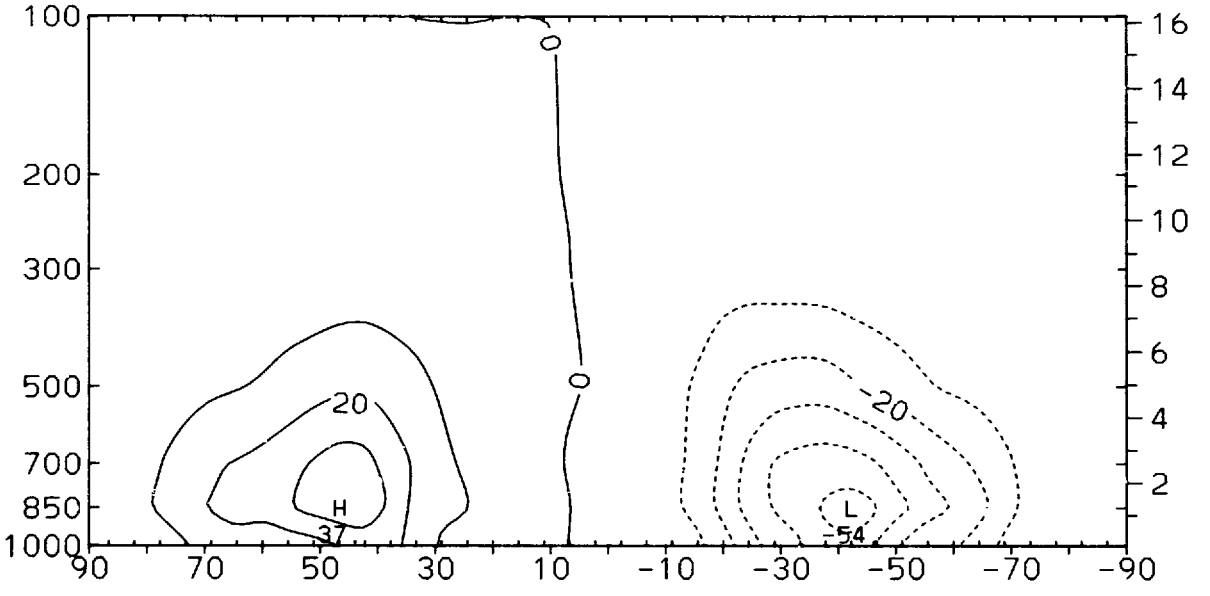



CONTOUR FROM -0.50000E-03 TO 0.35000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.37066E-04 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

VQP ((g kg$^{-1}$ )m s$^{-1}$ X 10)

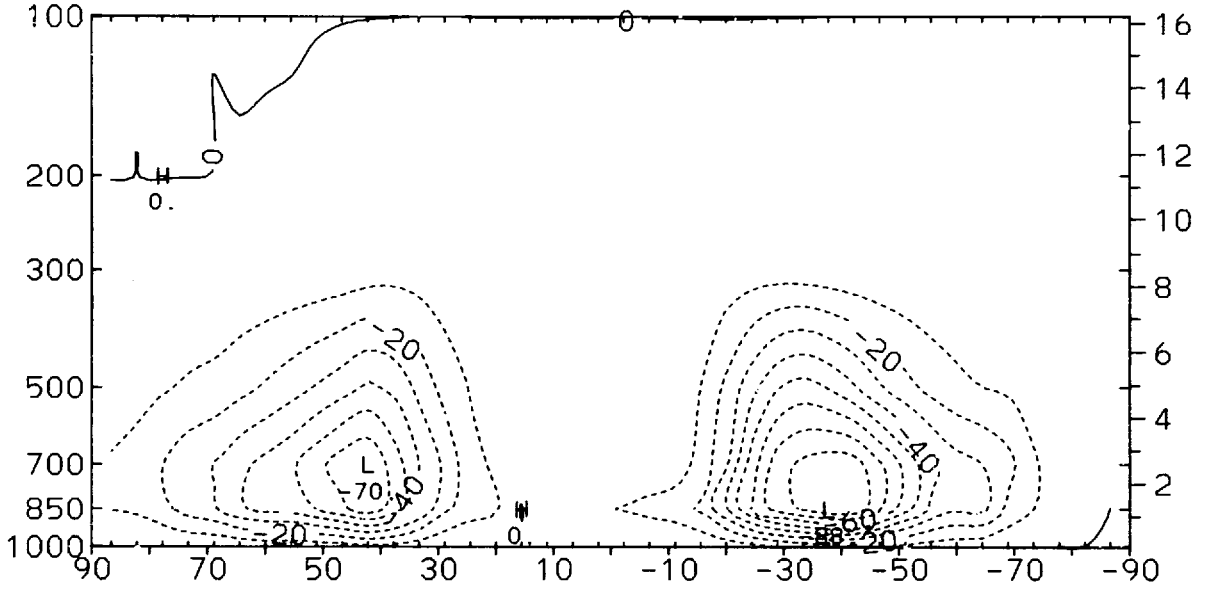



CONTOUR FROM -0.50000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.26727E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

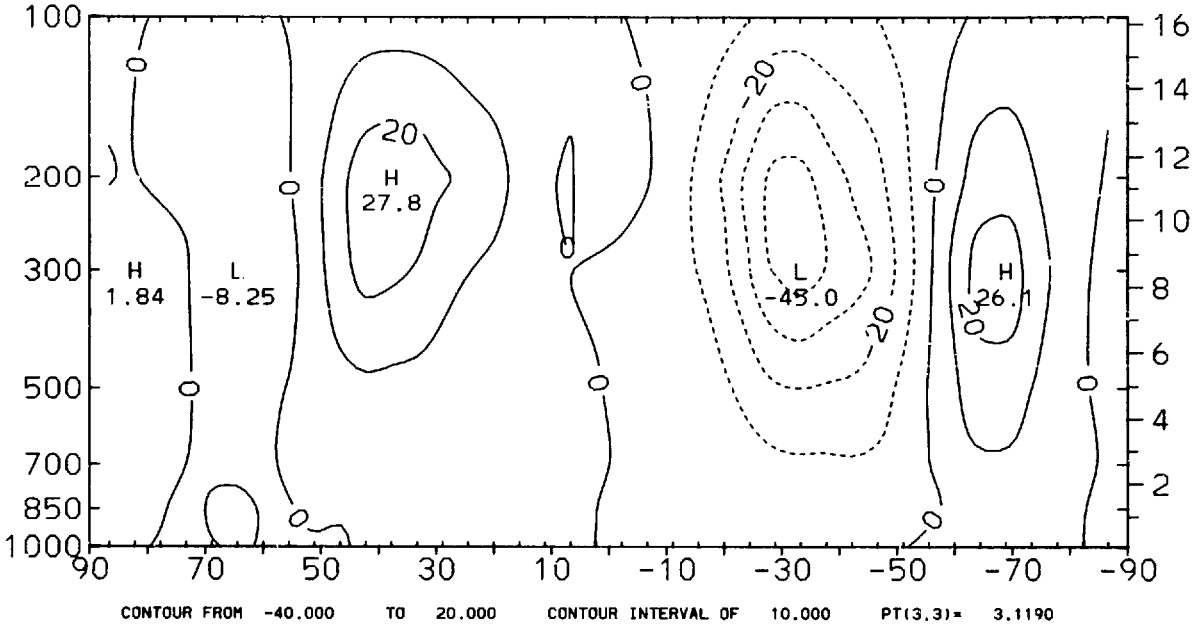



CONTOUR FROM -0.80000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.40591E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

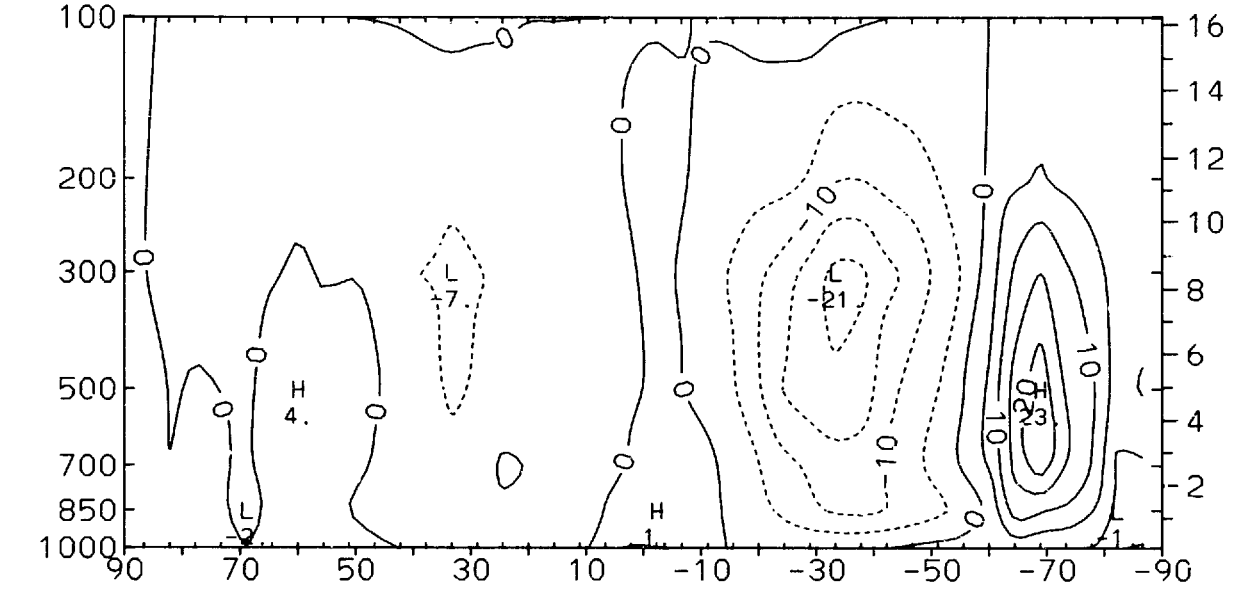
UVP $(m^2 s^{-2})$




FRAME 1.124

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

UWP (mb m s$^{-2}$ X 10$^{4}$)



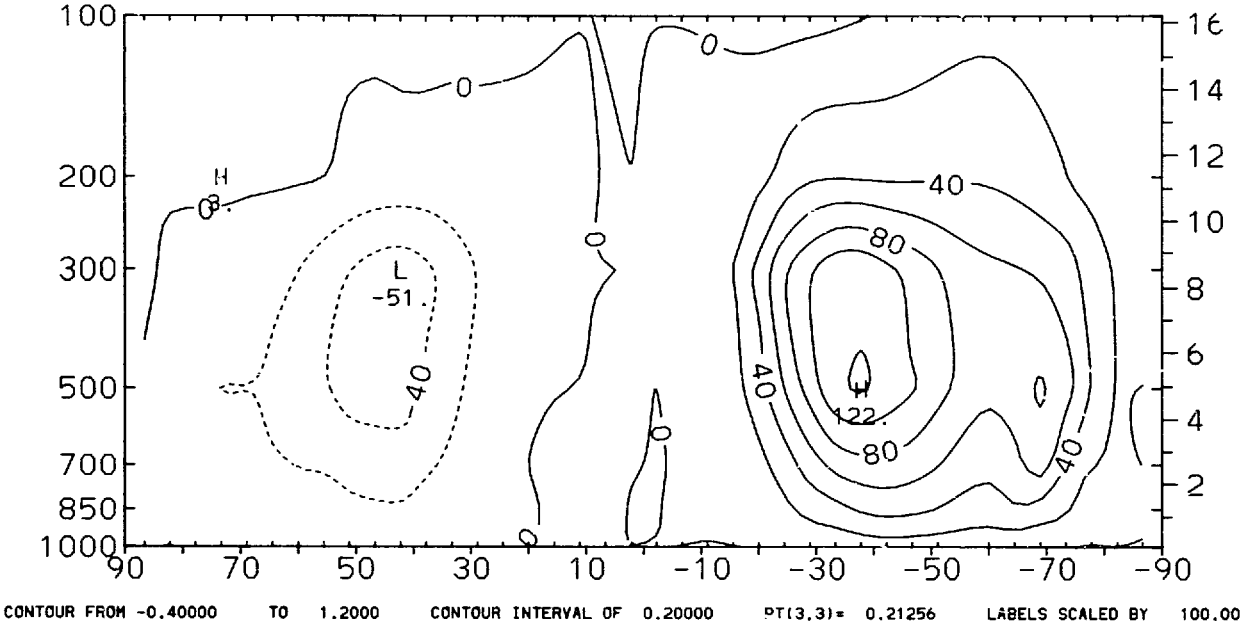

CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3.31= 0.98365E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

VWP

($mb\,m\,s^{-2}$ X $10^4$)

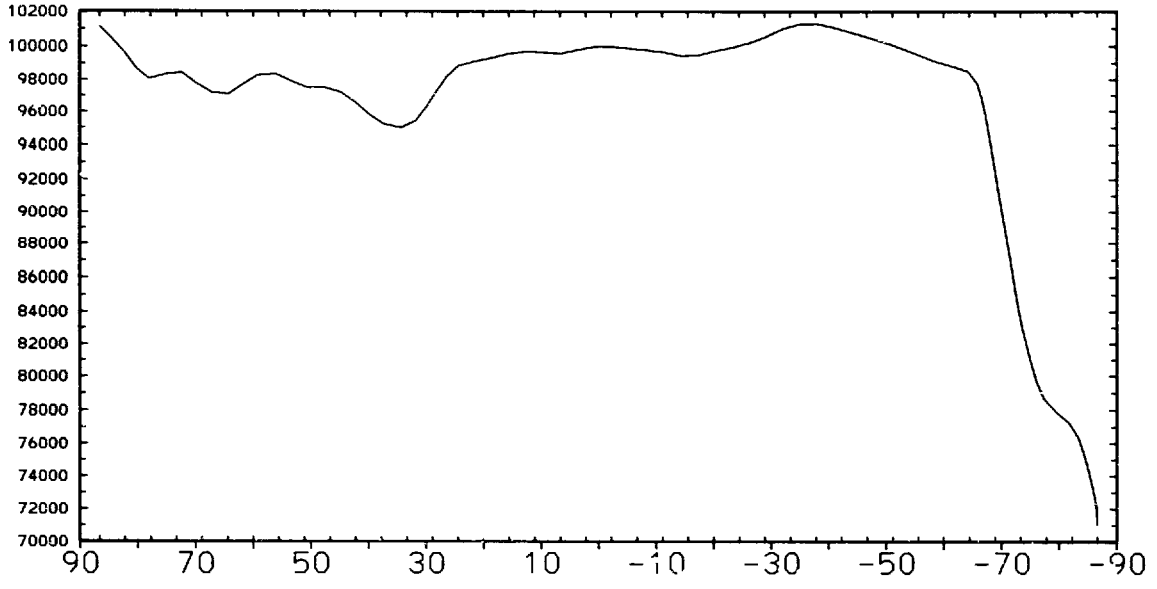



CONTOUR FROM -0.40000 TO 1.2000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.21256 LABELS SCALED BY 100.00

FRAME 1.126

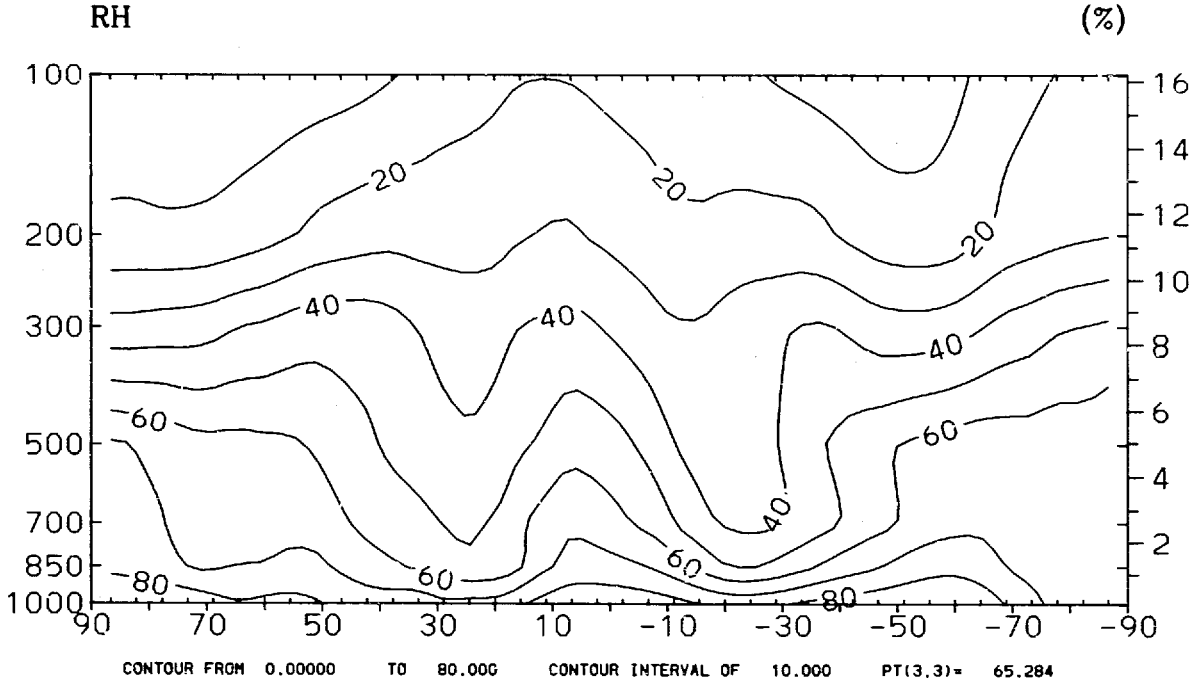
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)



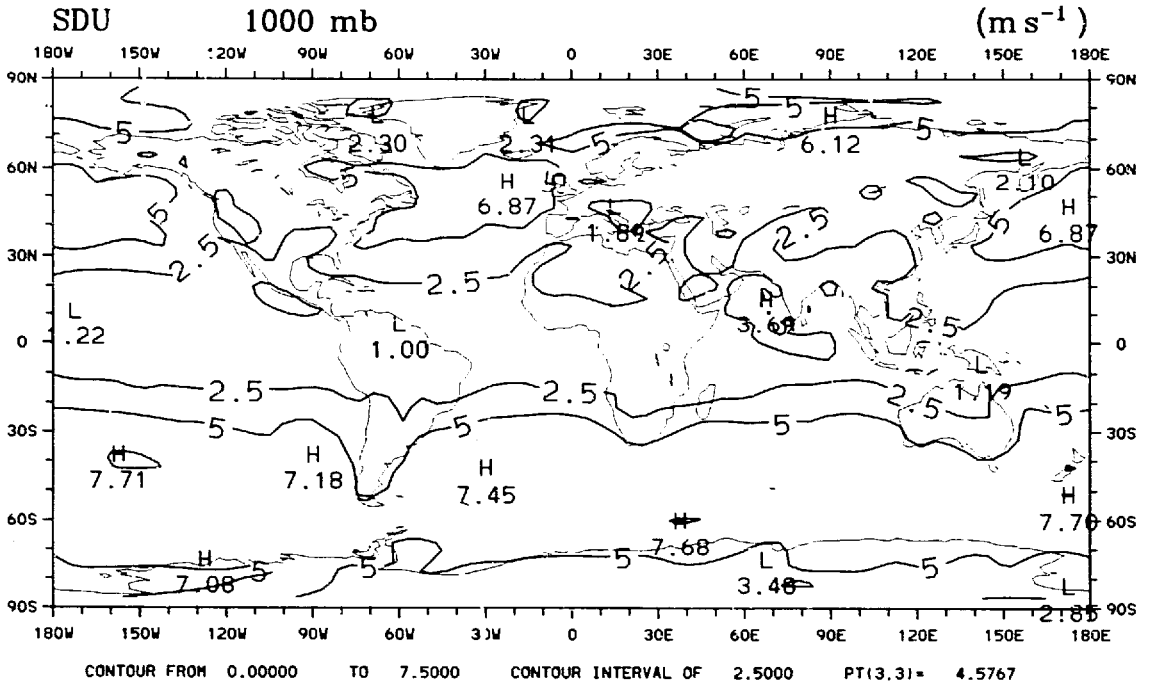

FRAME 1.127

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



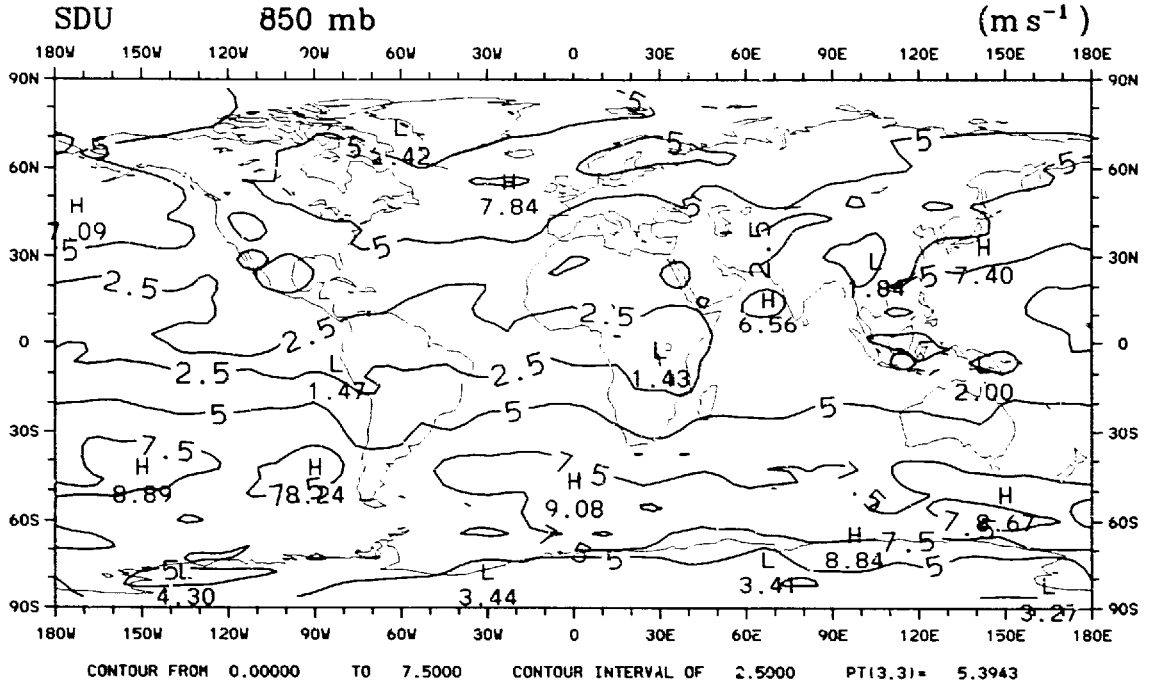

FRAME 1.128

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

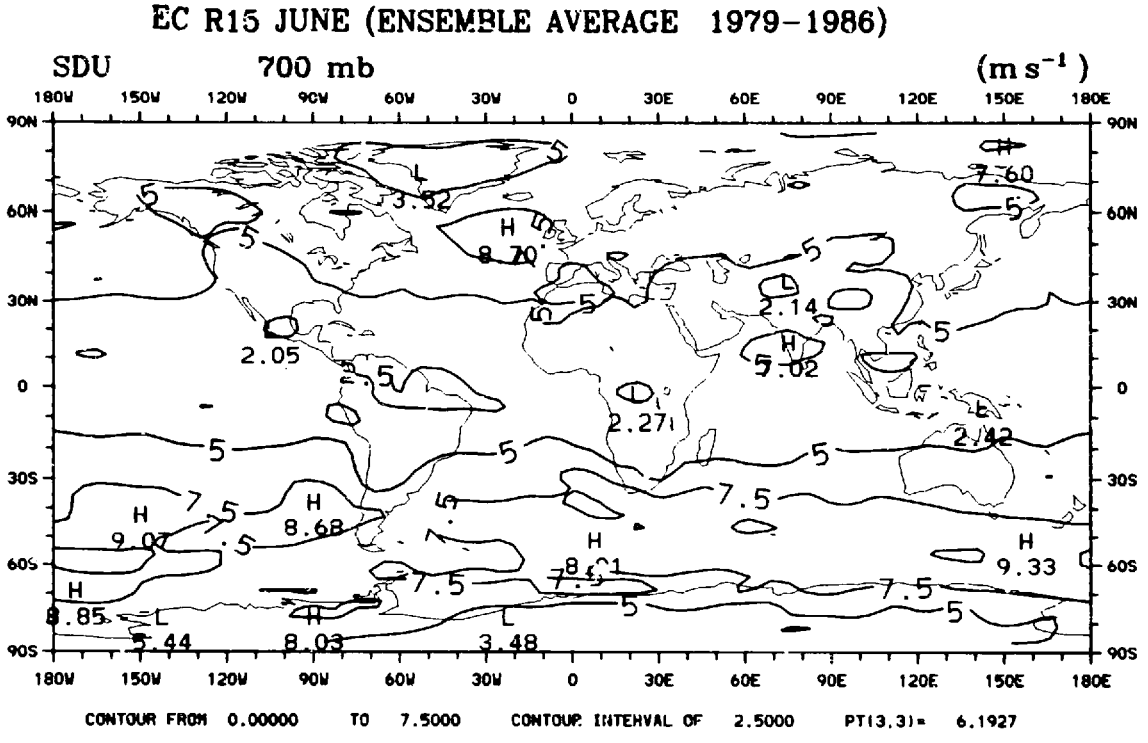



FRAME 2.1

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

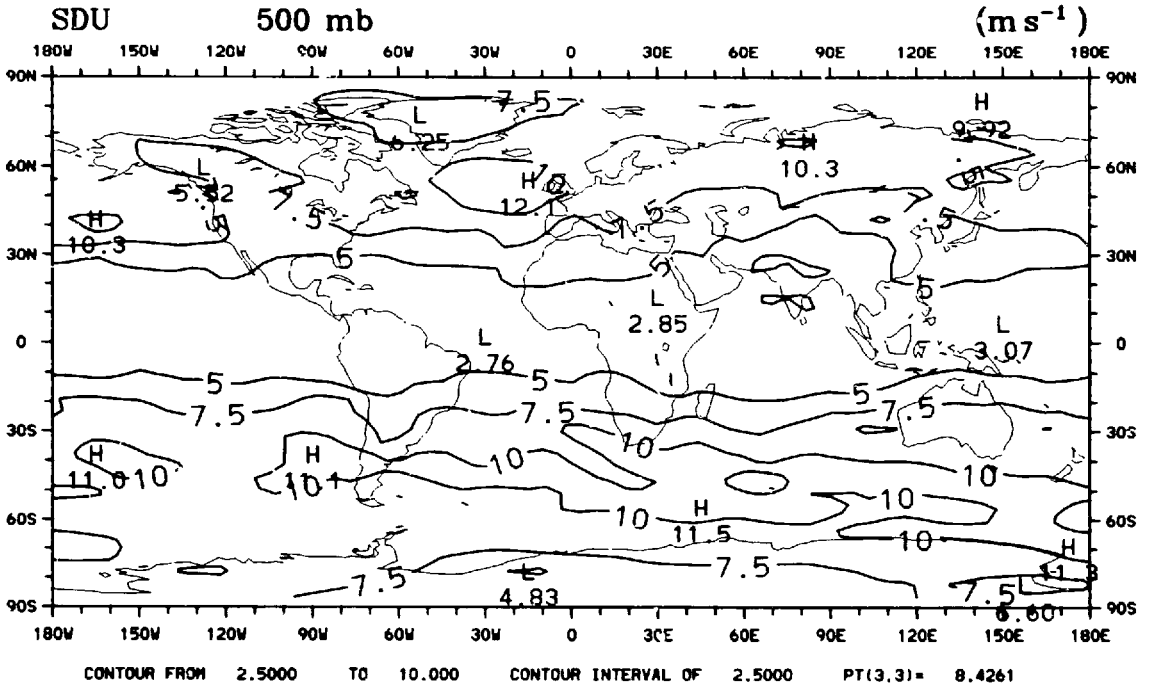



FRAME 2.2


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
SDU
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
L
5
7.5
2.05
3.52
8.70
2.14
5.02
2.27
2.42
7.60
9.07
8.68
8.61
9.33
8.85
5.44
8.03
3.48
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 6.1927

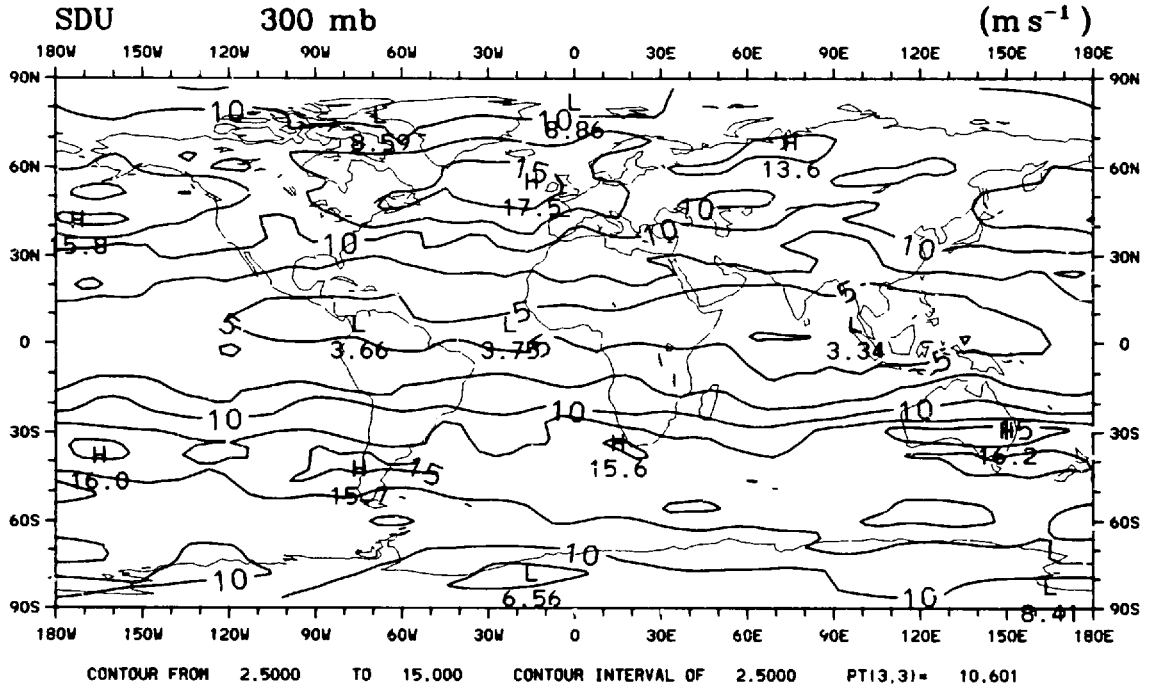
FRAME 2.3

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



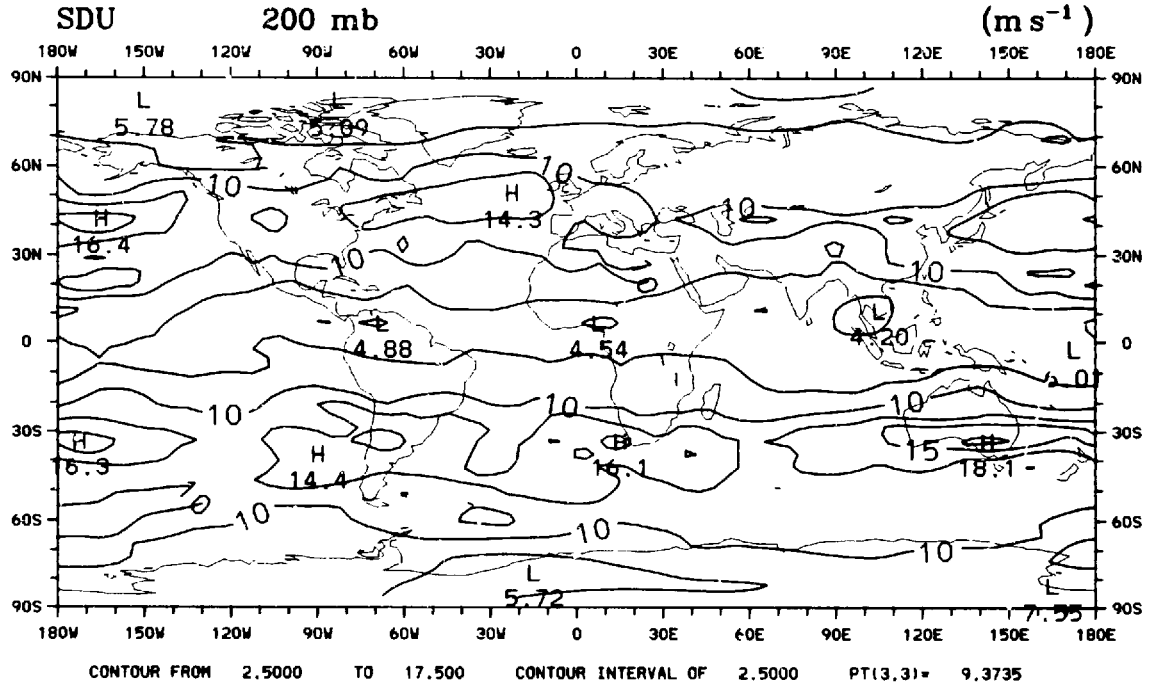

FRAME 2.4

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



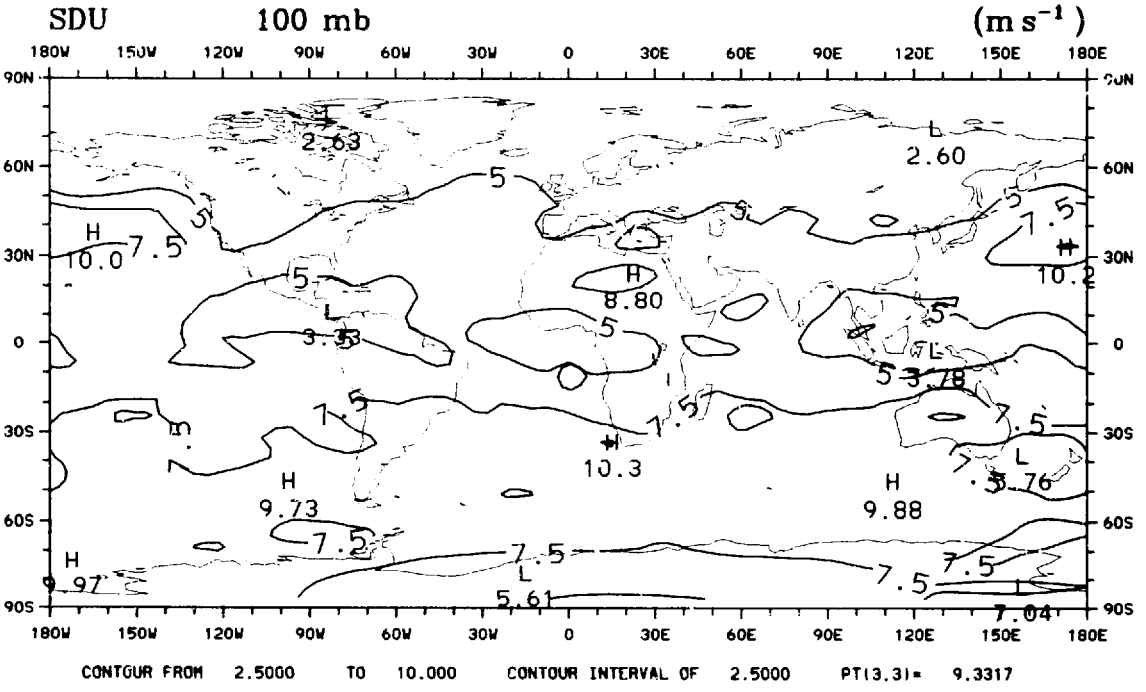

FRAME 2.5

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

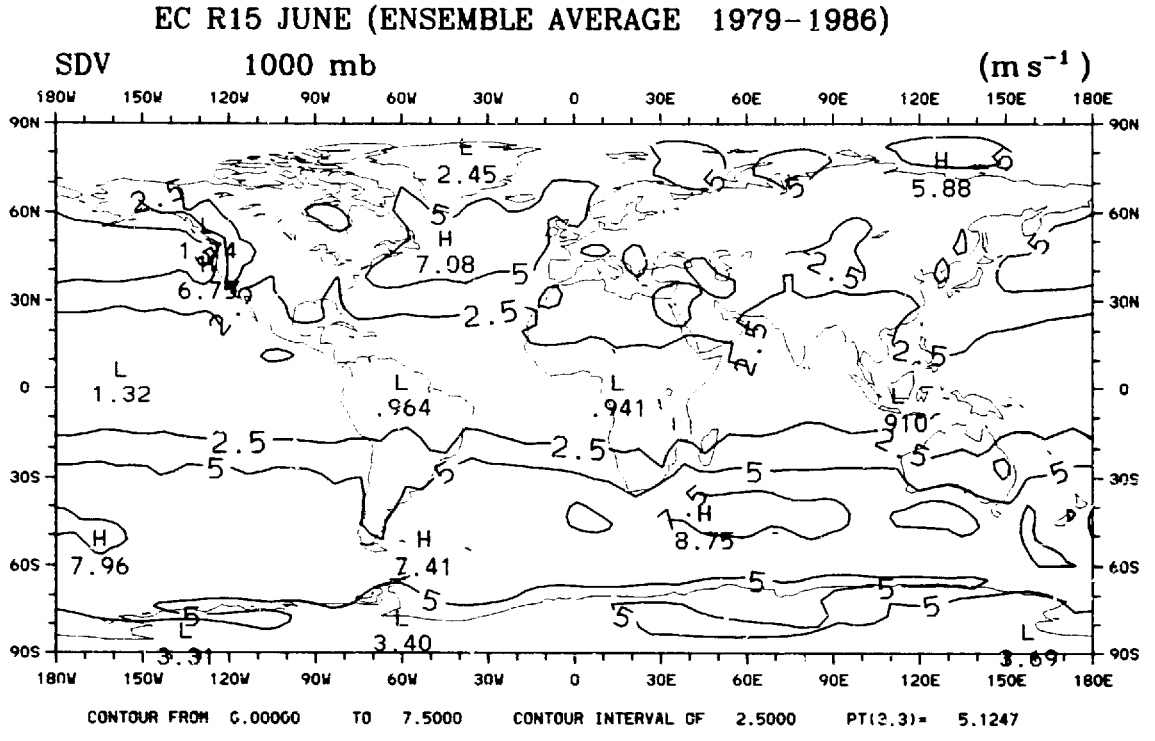



FRAME 2.6

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

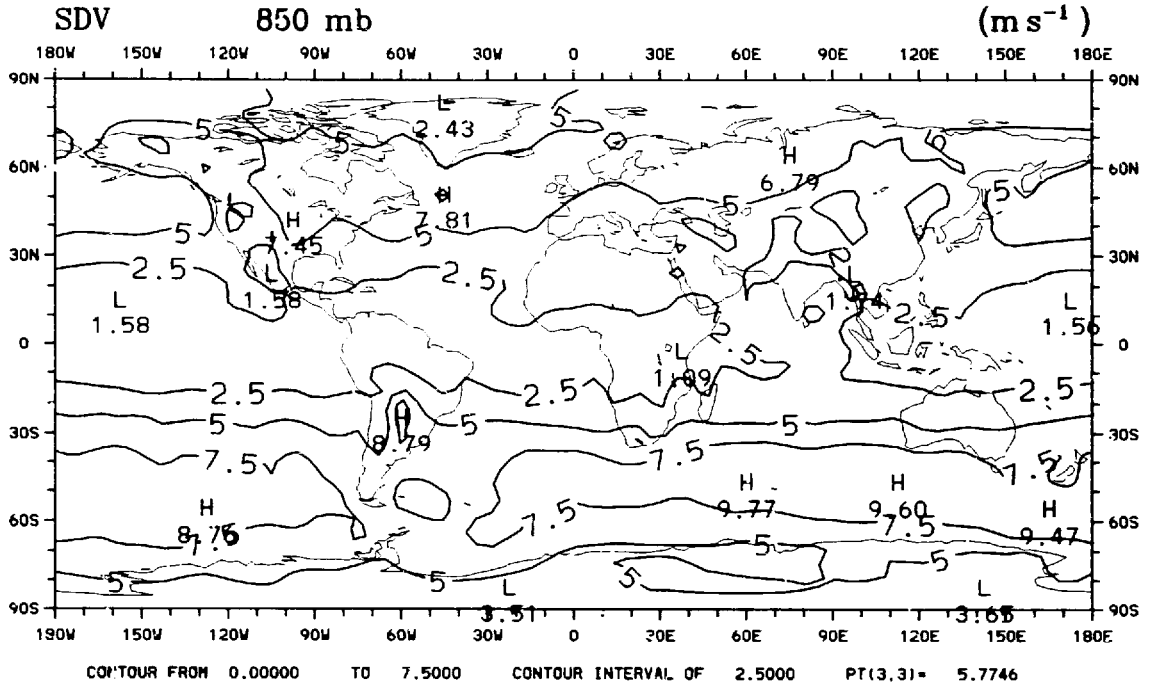



FRAME 2.7

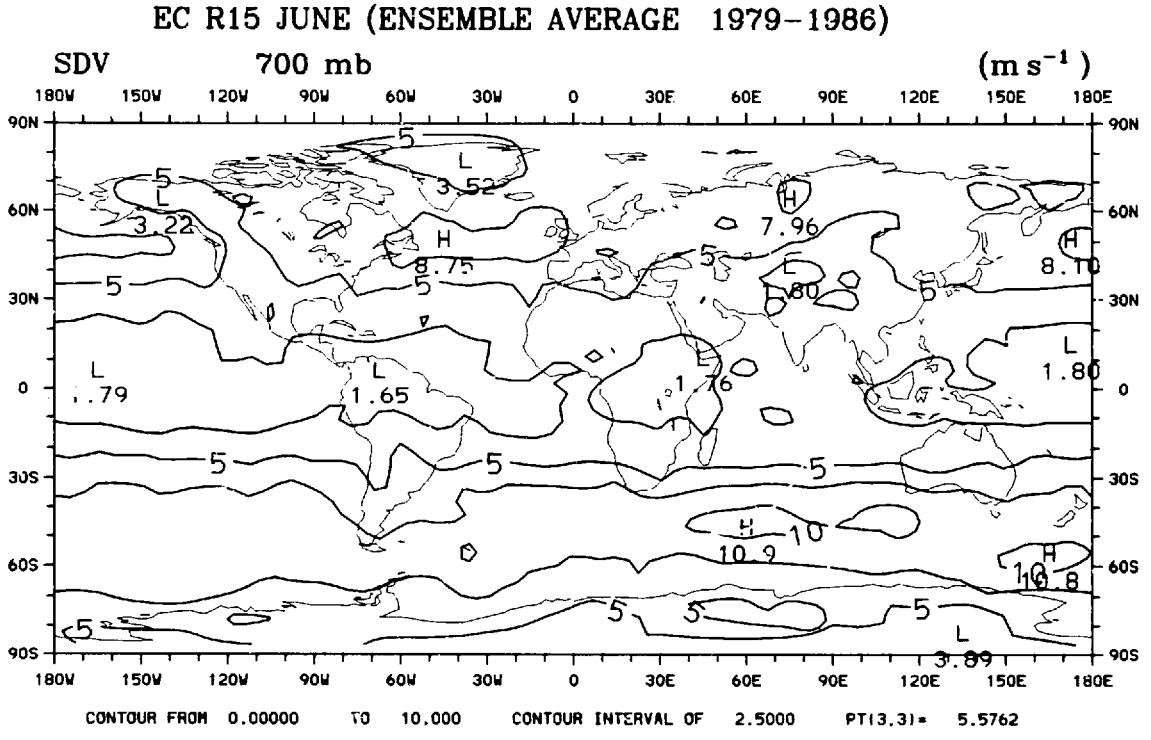

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
SDV
1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
2.45
H
5.88
H
7.08
6.75
2.5
L
1.32
L
.964
L
.941
910
H
8.75
H
7.96
H
7.41
L
3.40
3.31
3.69
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.1247

FRAME 2.8

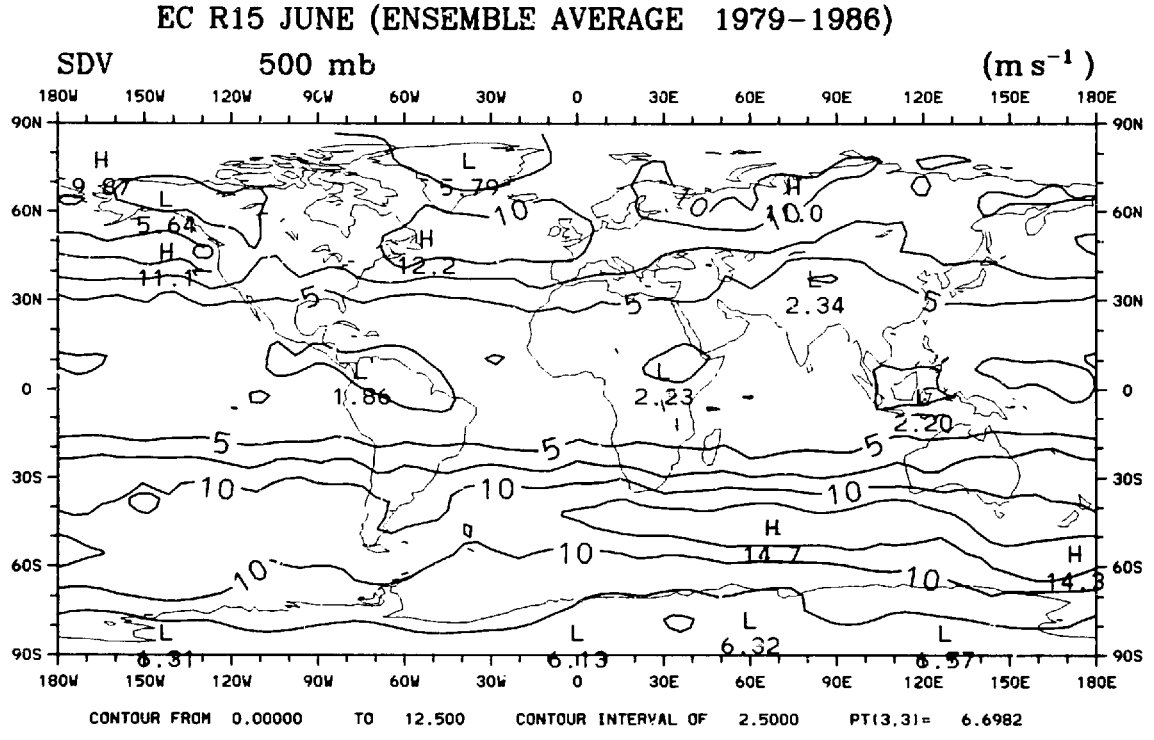
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.9

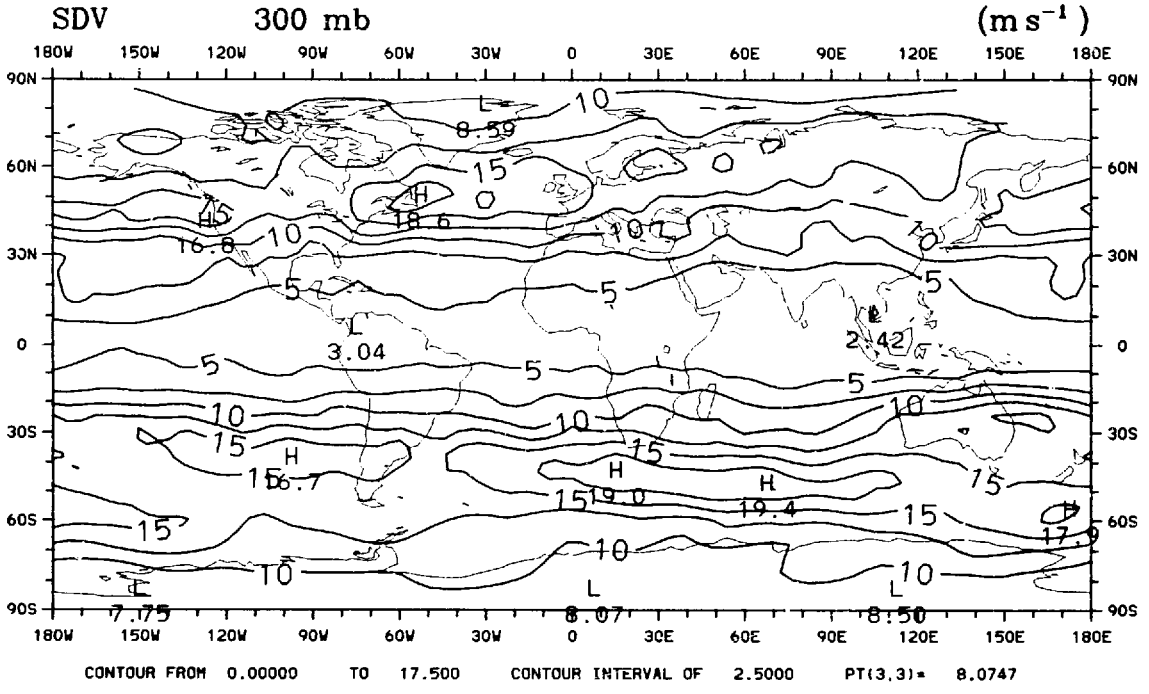

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
SDV
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
L 3.52
L 3.22
H 8.75
H 7.96
L 1.80
H 8.10
L 1.79
L 1.65
1.76
L 1.80
H 10.9
H 10.8
L 3.89
5
CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.5762

FRAME 2.10


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
SDV
500 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H
L
9.87
5.64
11.1
5.79
12.2
10.0
2.34
1.86
2.23
2.20
14.7
14.3
6.31
6.13
6.32
6.57
5
10
CONTOUR FROM 0.00000 TO 12.500 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 6.6982

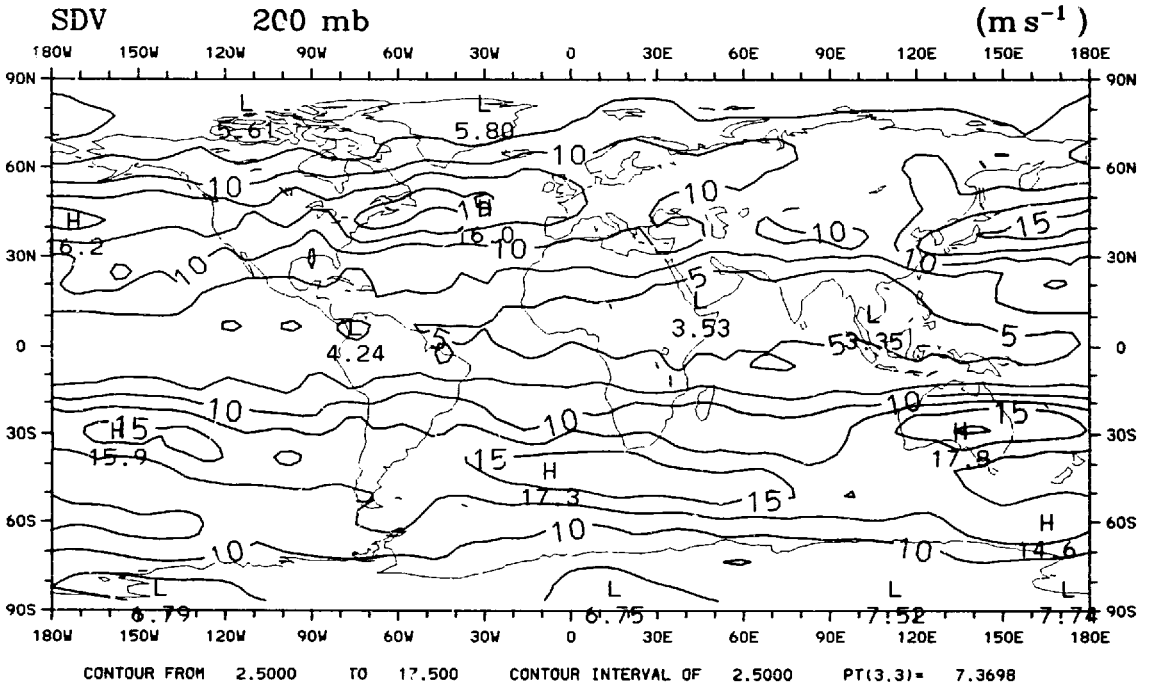
FRAME 2.11

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



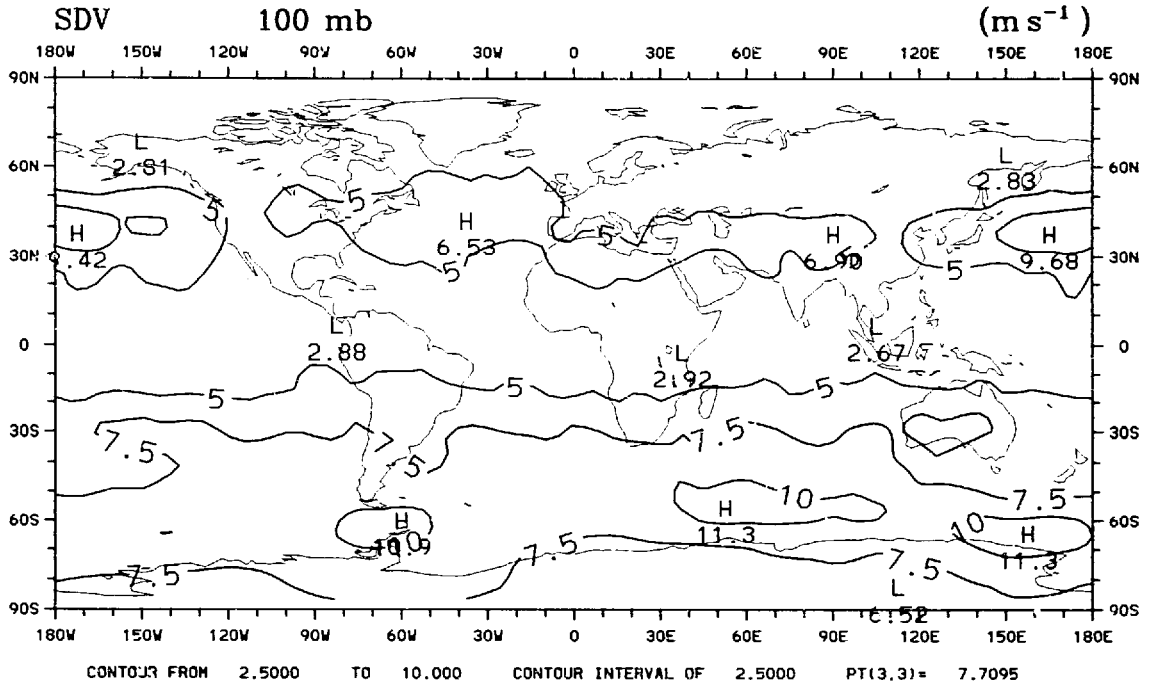

FRAME 2.12

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



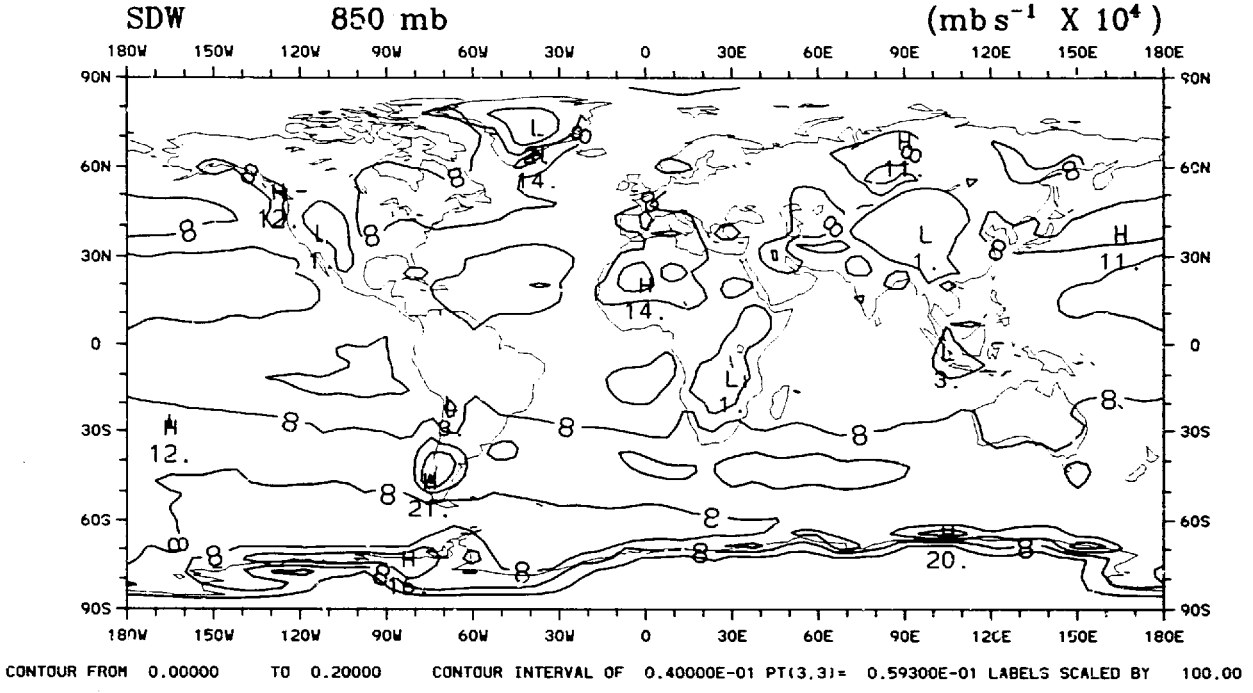

FRAME 2.13

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



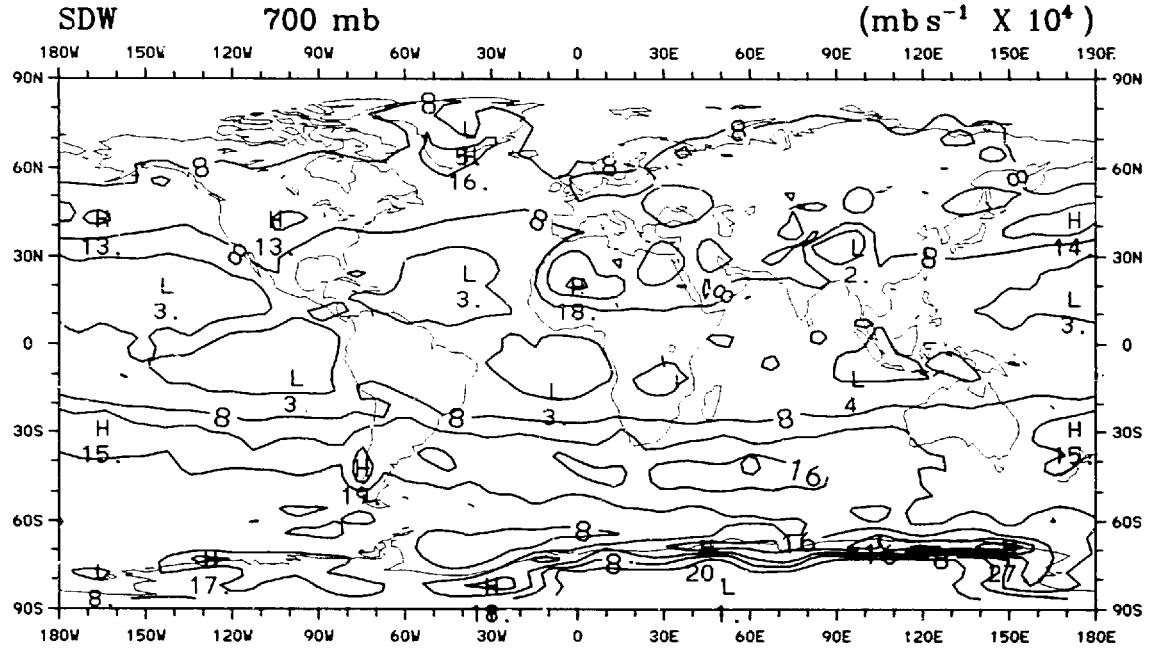

FRAME 2.14

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.15

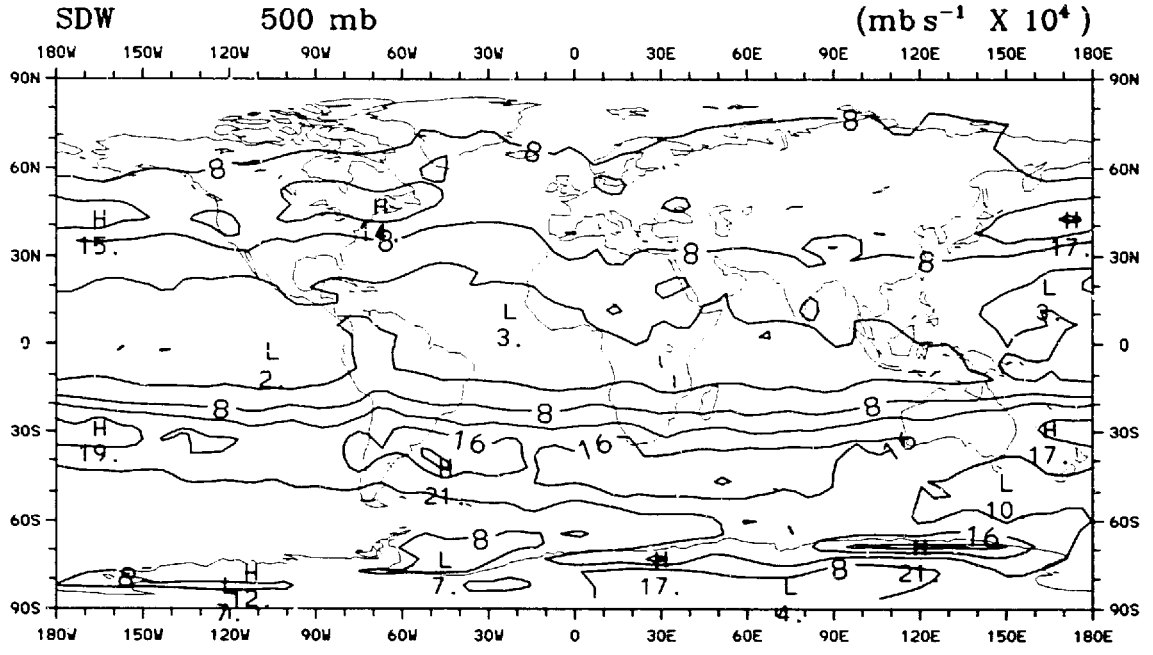
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.24000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.75056E-01 LABELS SCALED BY 100.00

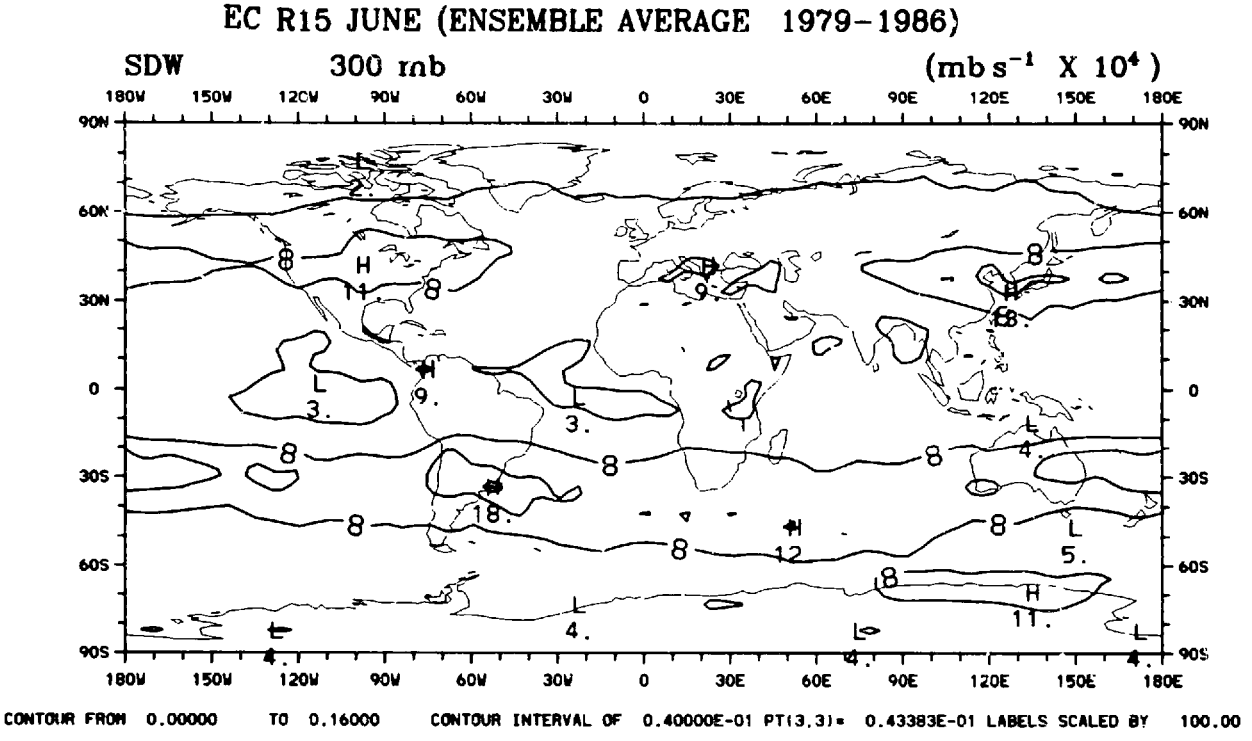
FRAME 2.16

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



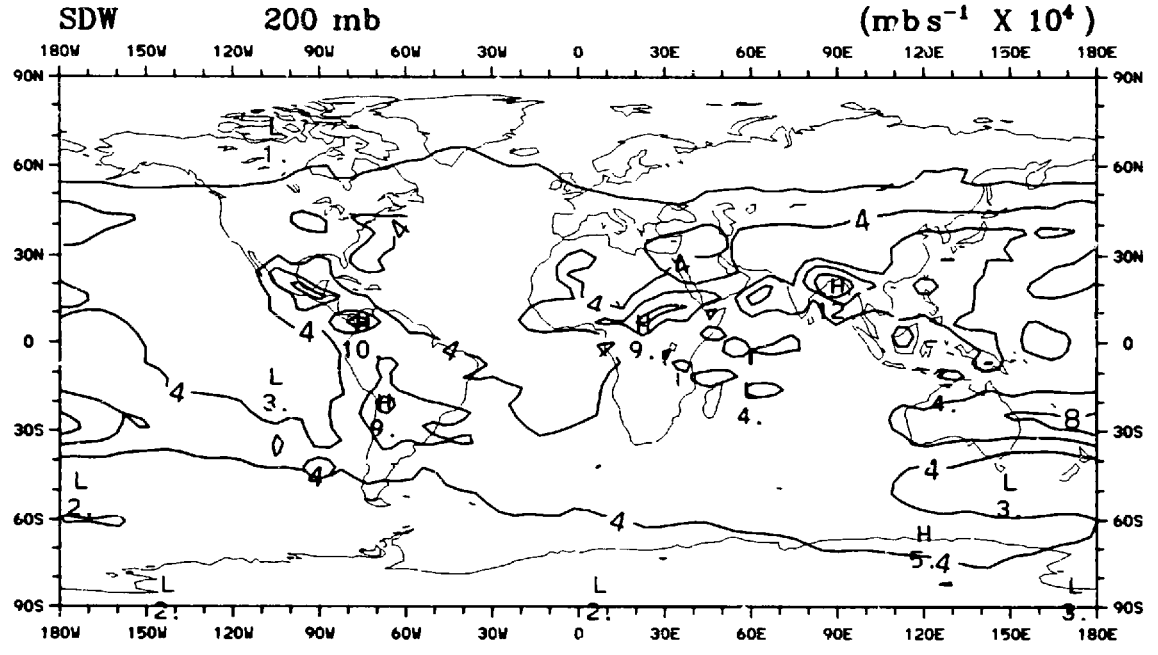

CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.79075E-01 LABELS SCALED BY 100.00

FRAME 2.17


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
SDW
300 mb
(mb s$^{-1}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.43383E-01 LABELS SCALED BY 100.00

FRAME 2.18

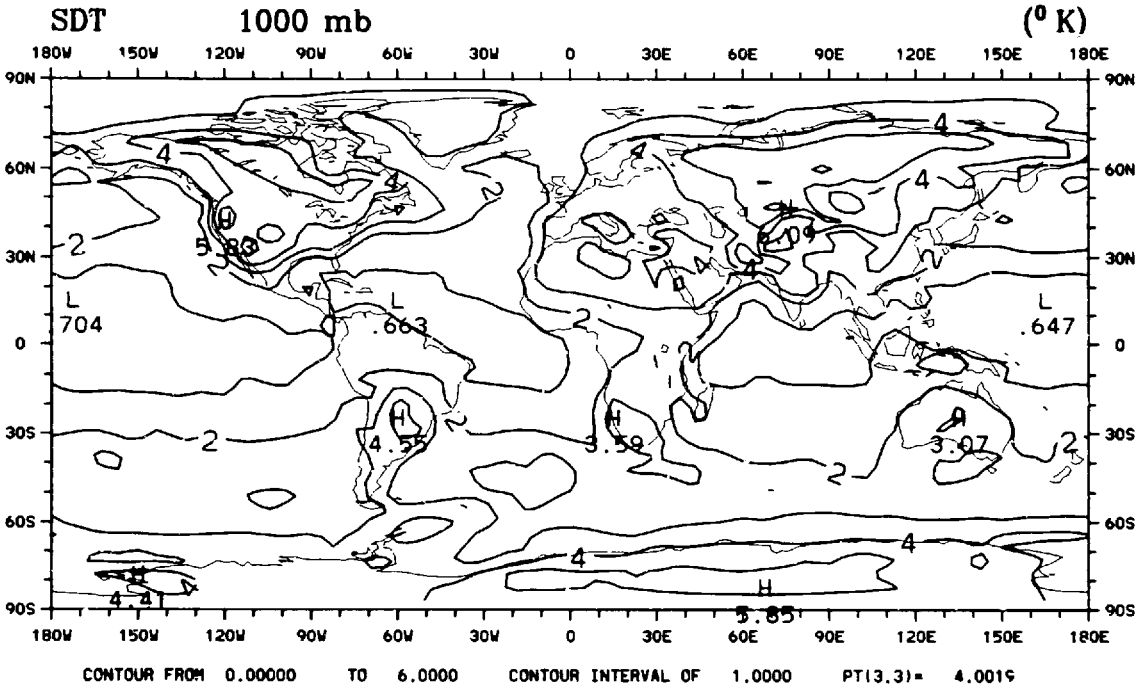
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.12000 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.25268E-01 LABELS SCALED BY 100.00

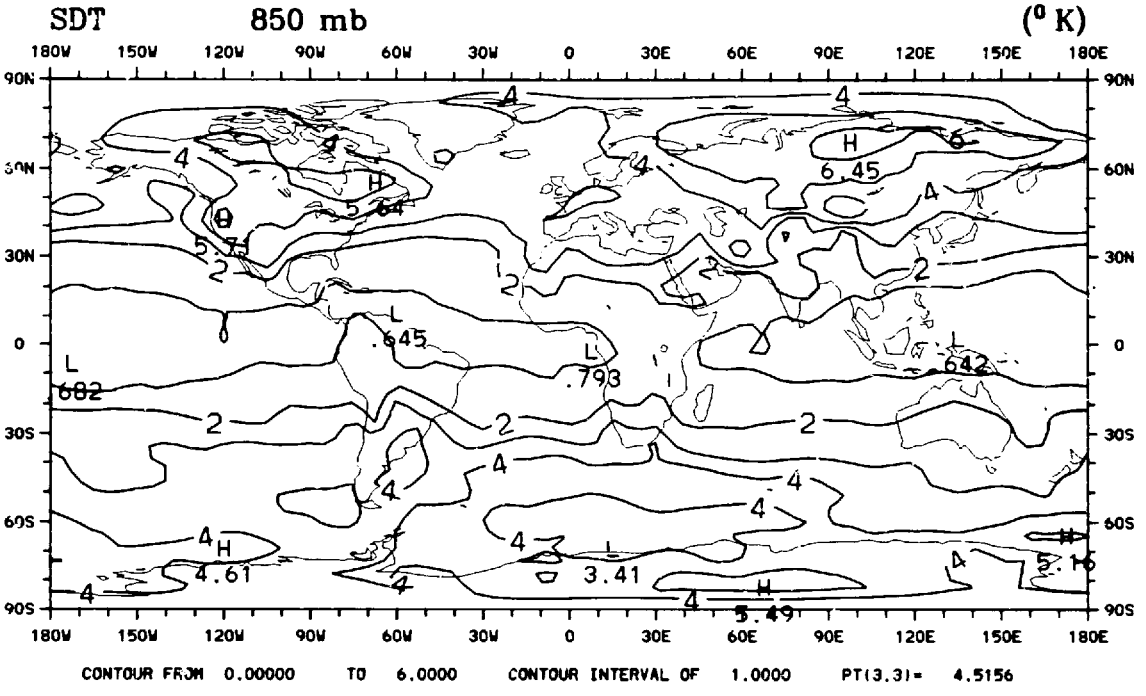
FRAME 2.19

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



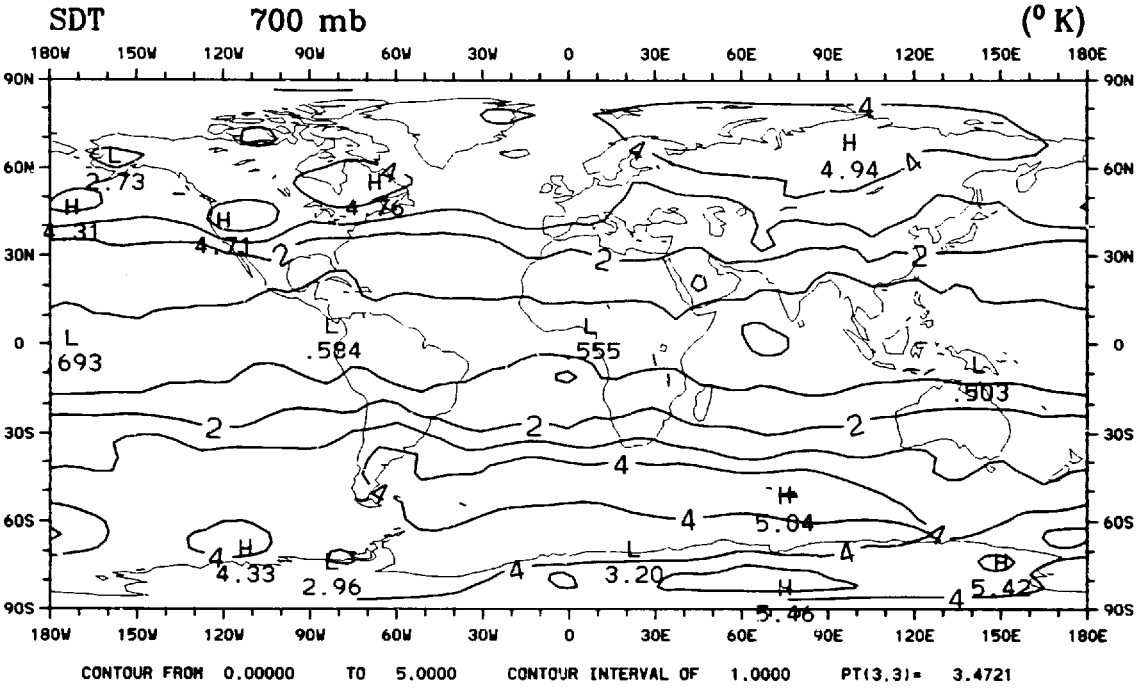

FRAME 2.20

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



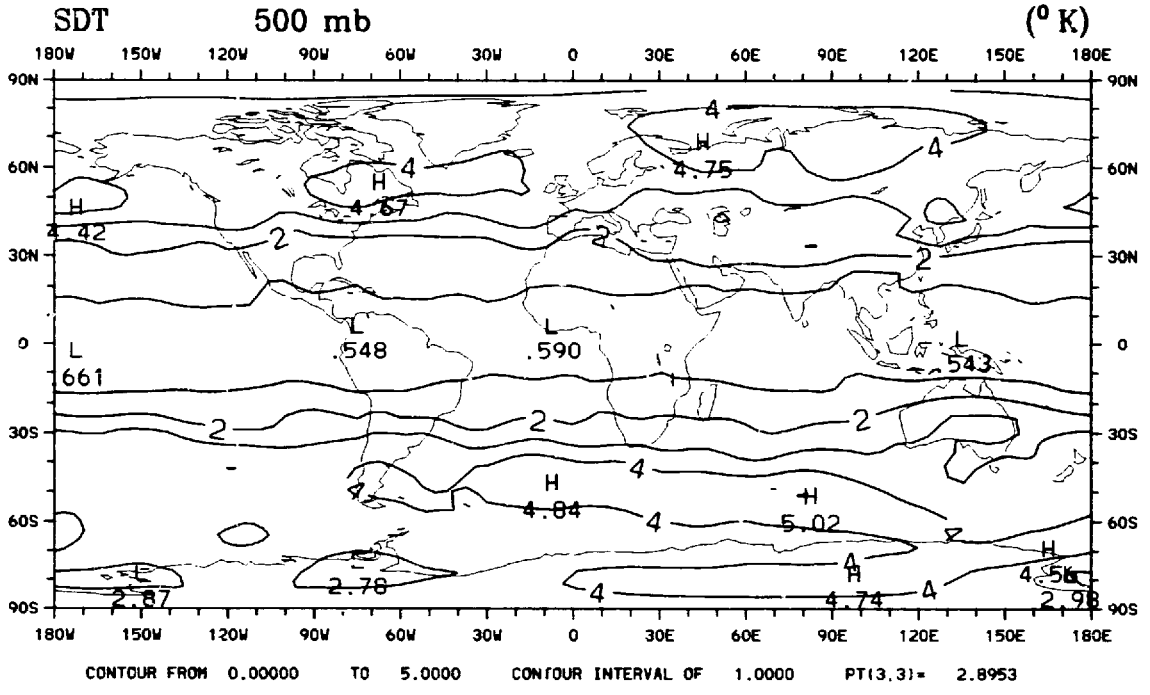

FRAME 2.21

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



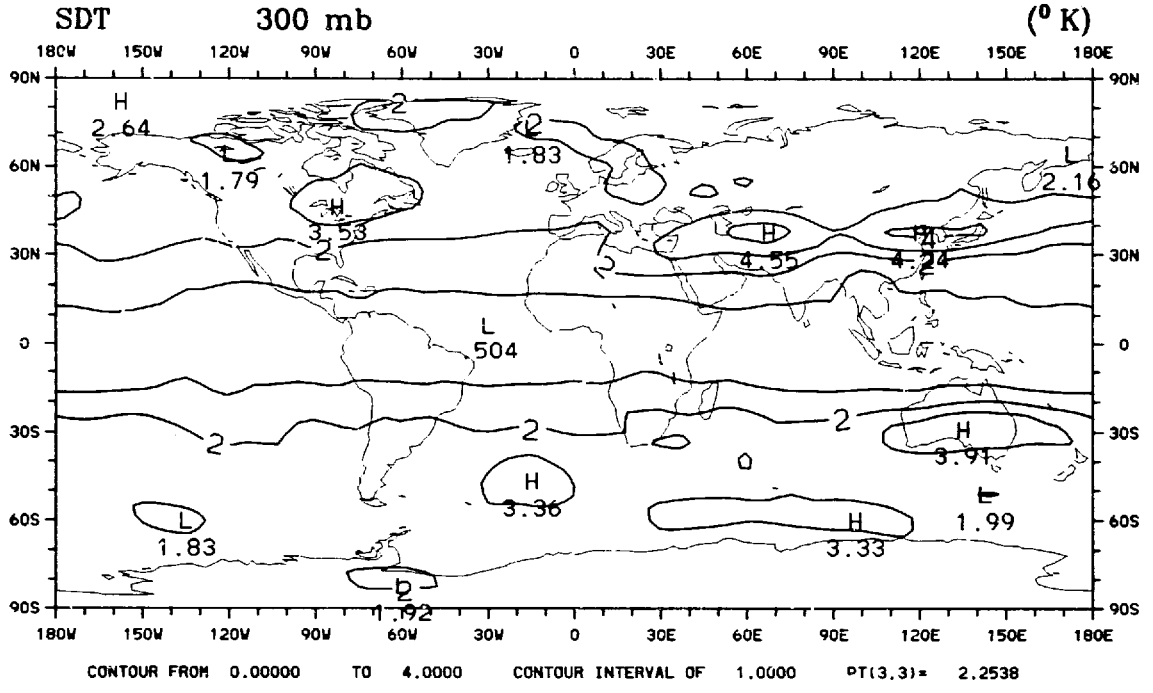

FRAME 2.22

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



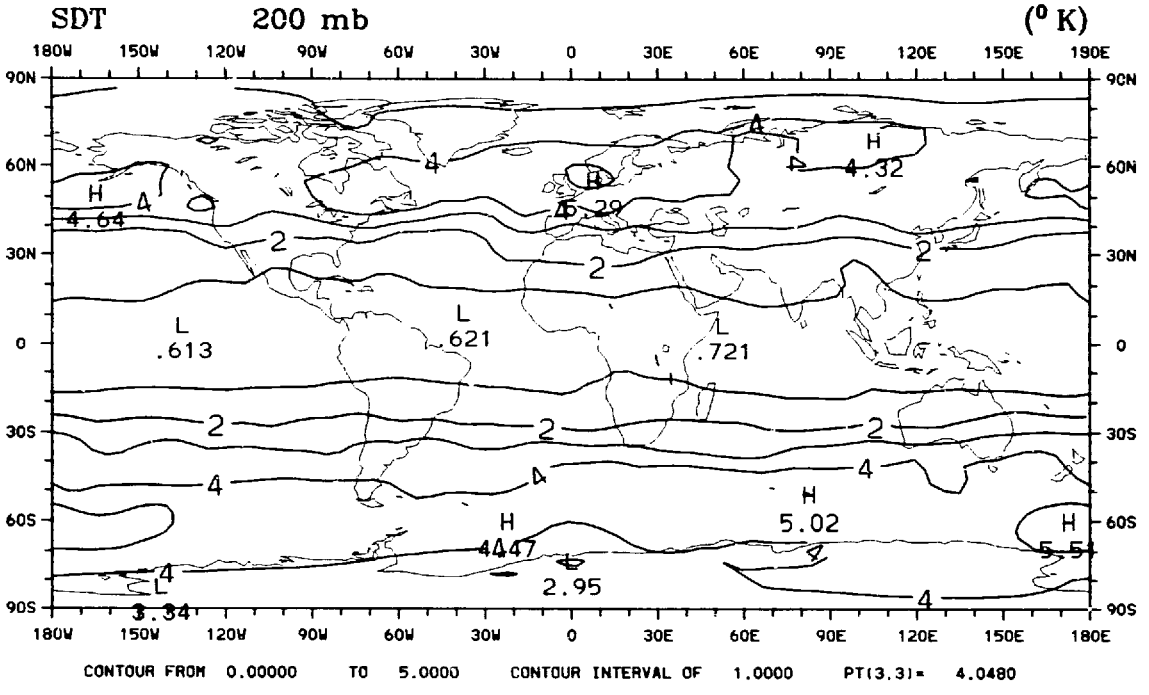

FRAME 2.23

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

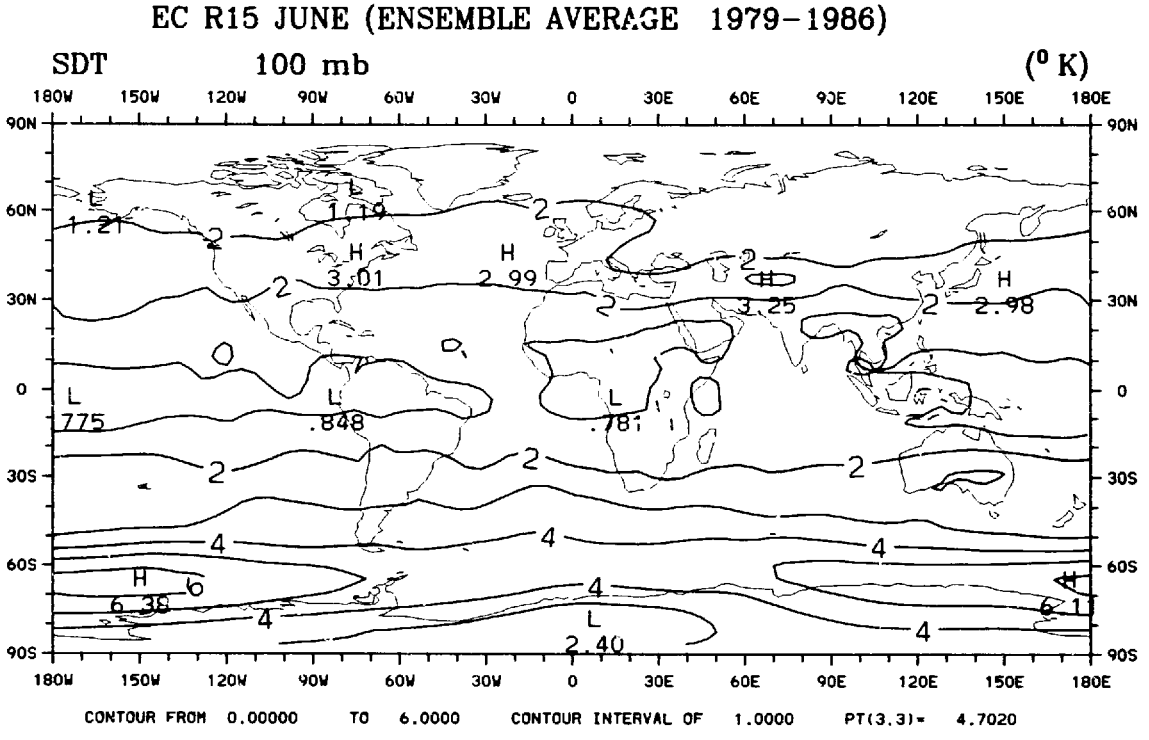



FRAME 2.24

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

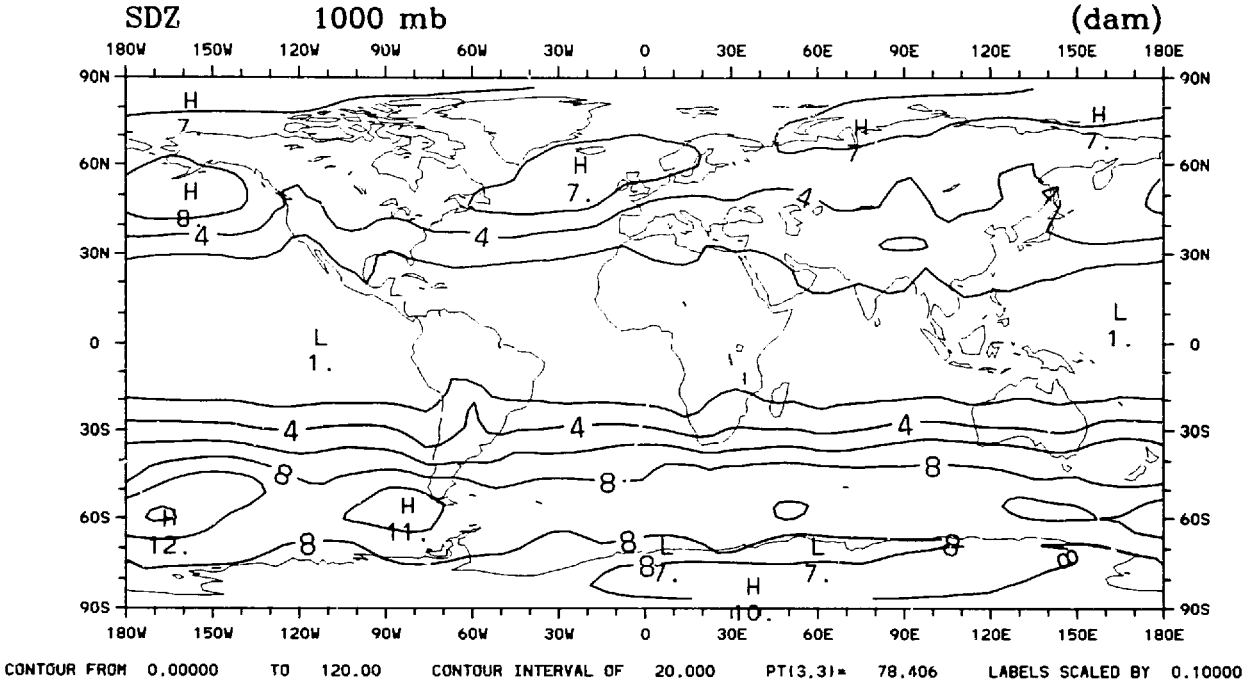



FRAME 2.25


EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)
SDT
100 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
1.21
L
1.19
H
3.01
H
2.99
H
3.25
H
2.98
L
.775
L
.848
L
.781
H
6.38
H
6.11
L
2.40
2
4
6
CONTOUR FROM 0.00000 TO 6.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 4.7020

FRAME 2.26

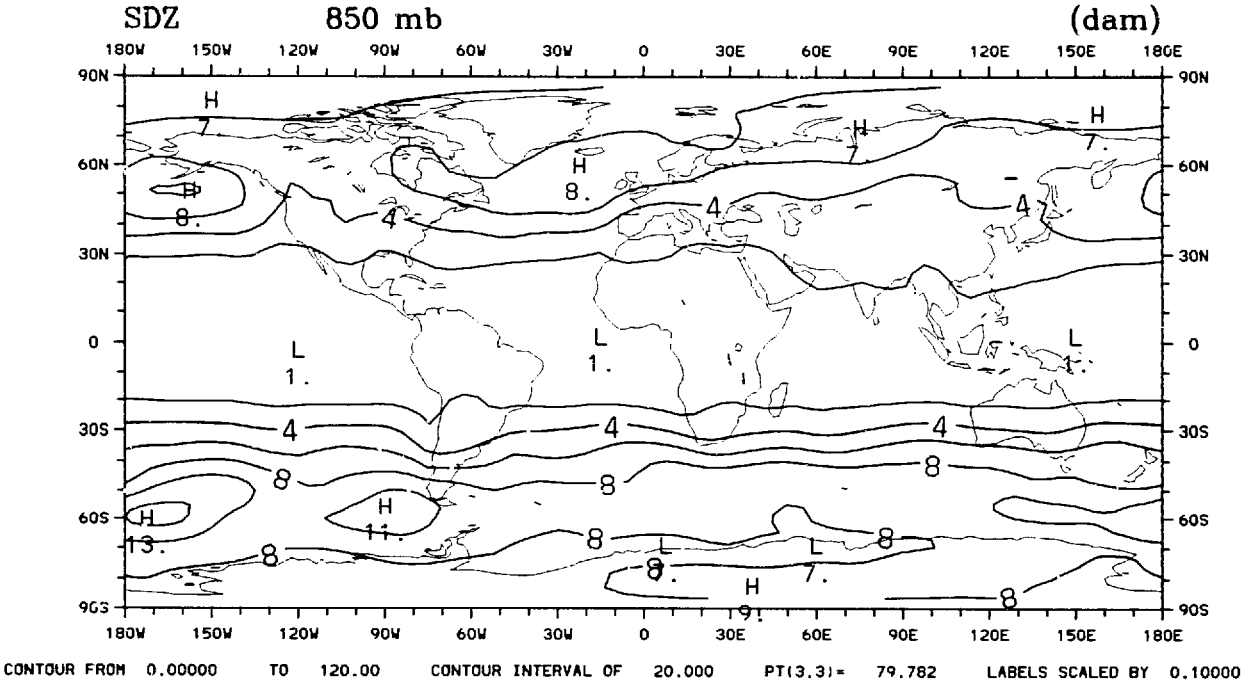
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 120.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 78.406 LABELS SCALED BY 0.10000

FRAME 2.27

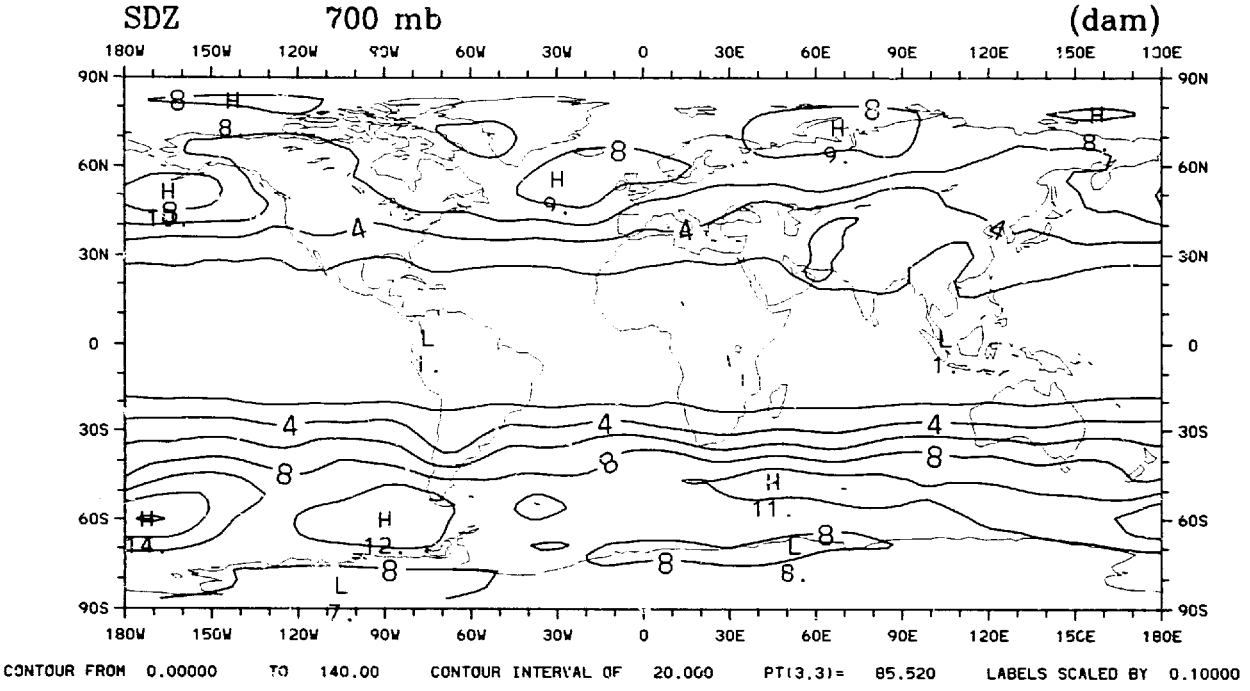
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 120.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 79.782 LABELS SCALED BY 0.10000

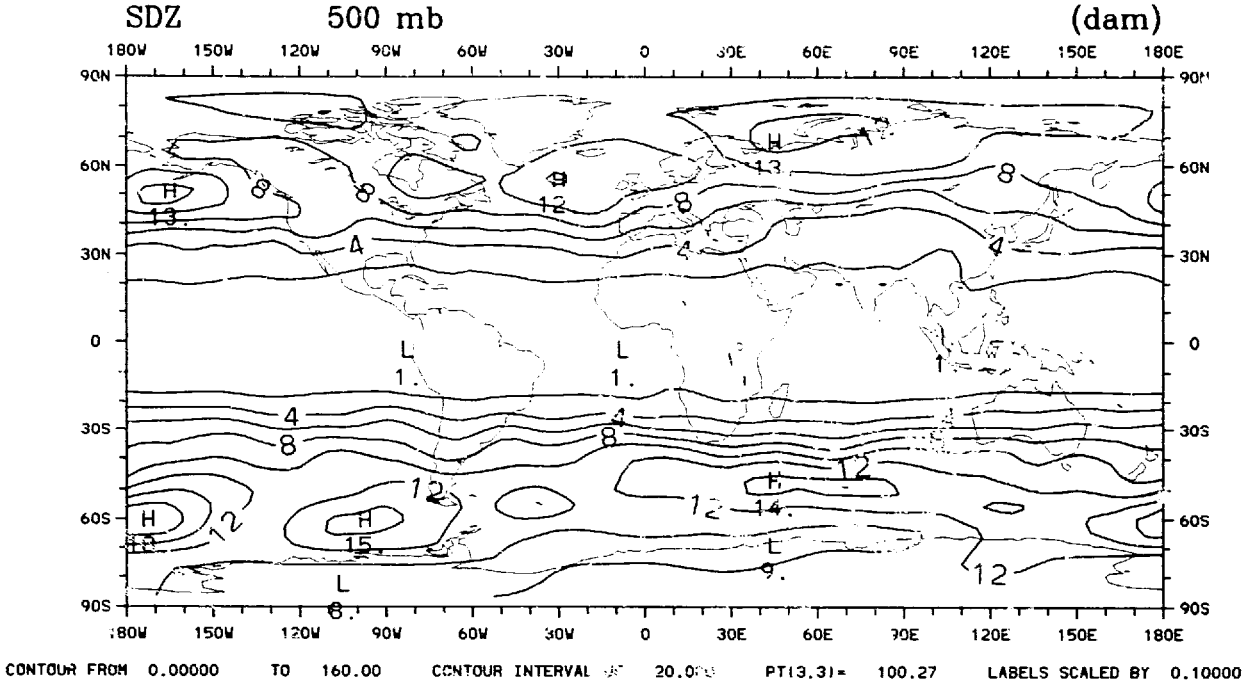
FRAME 2,28

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



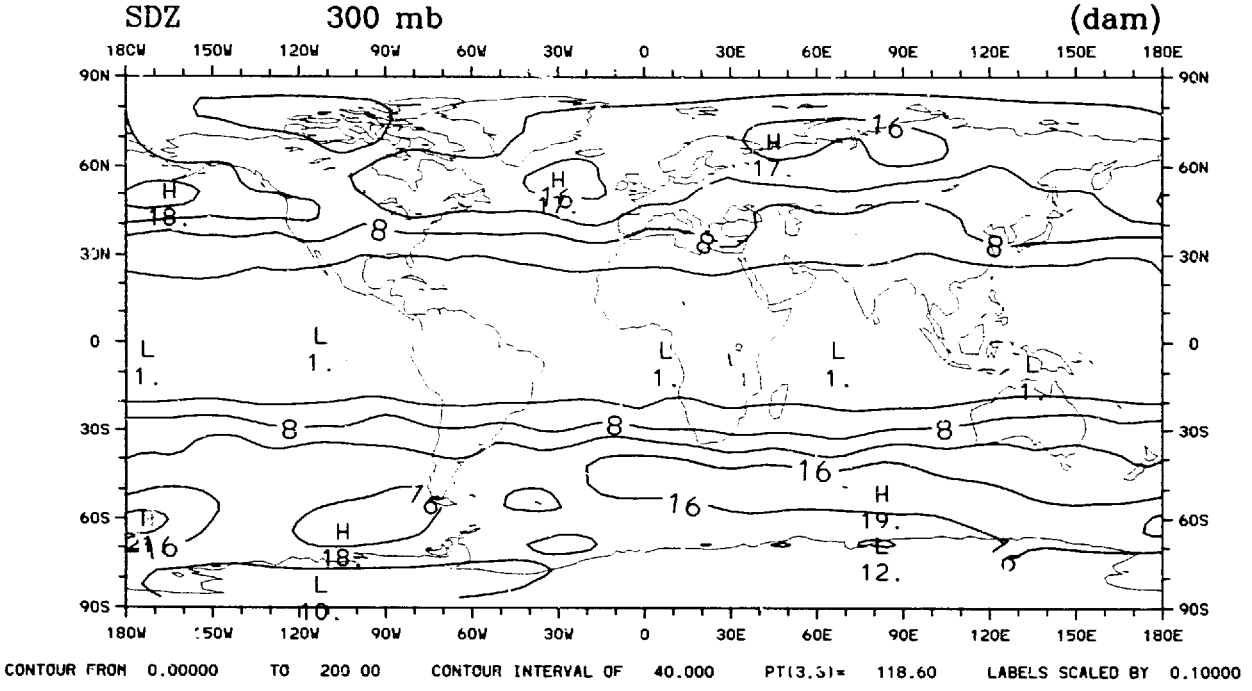

FRAME 2.29

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.30

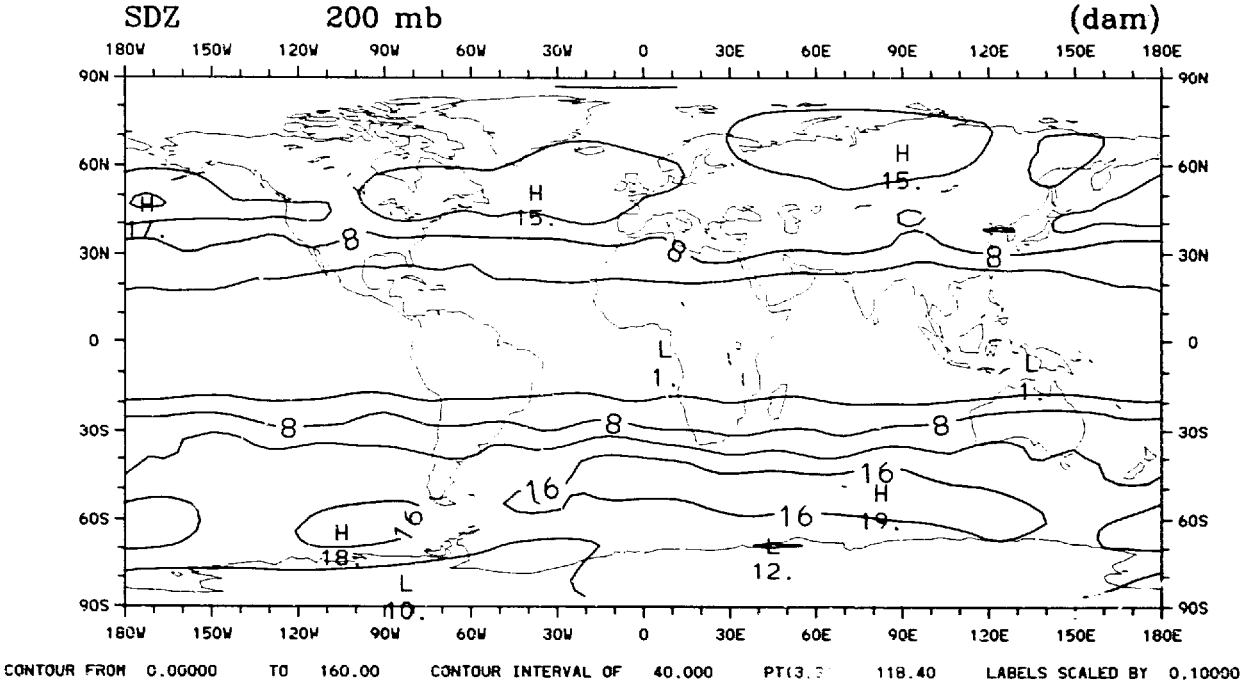
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 118.60 LABELS SCALED BY 0.10000

FRAME 2.31

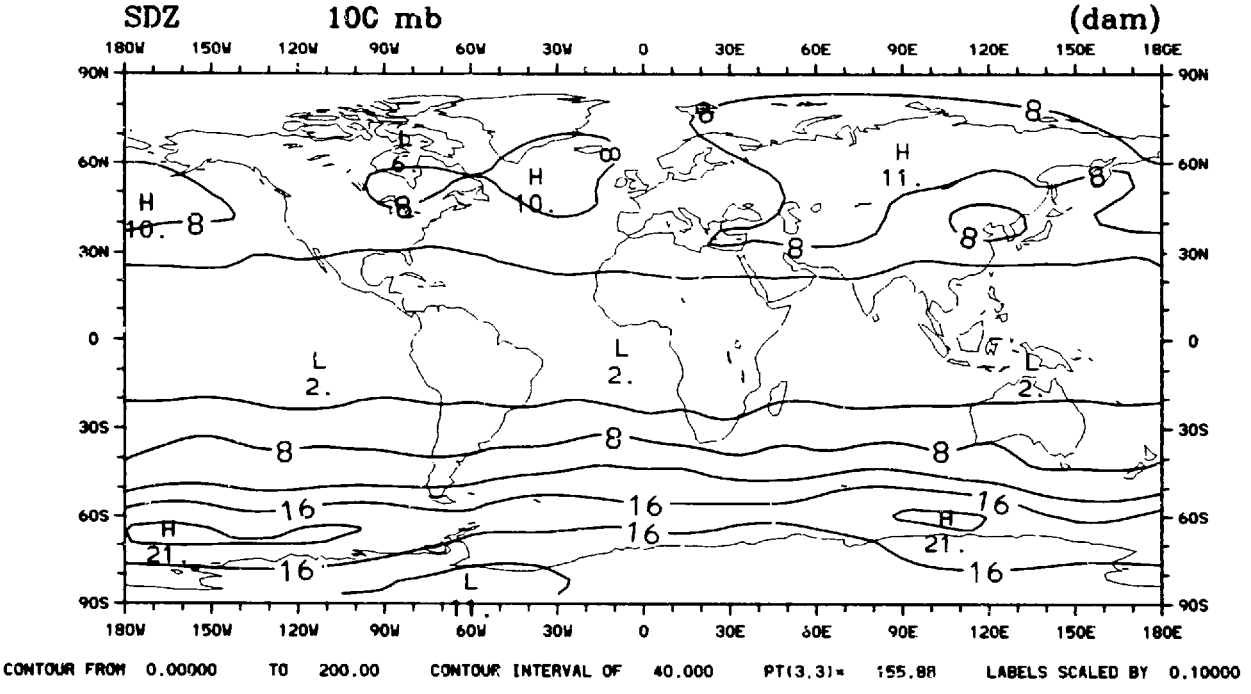
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40.000 PT(3.3 118.40 LABELS SCALED BY 0.10000

FRAME 2.32

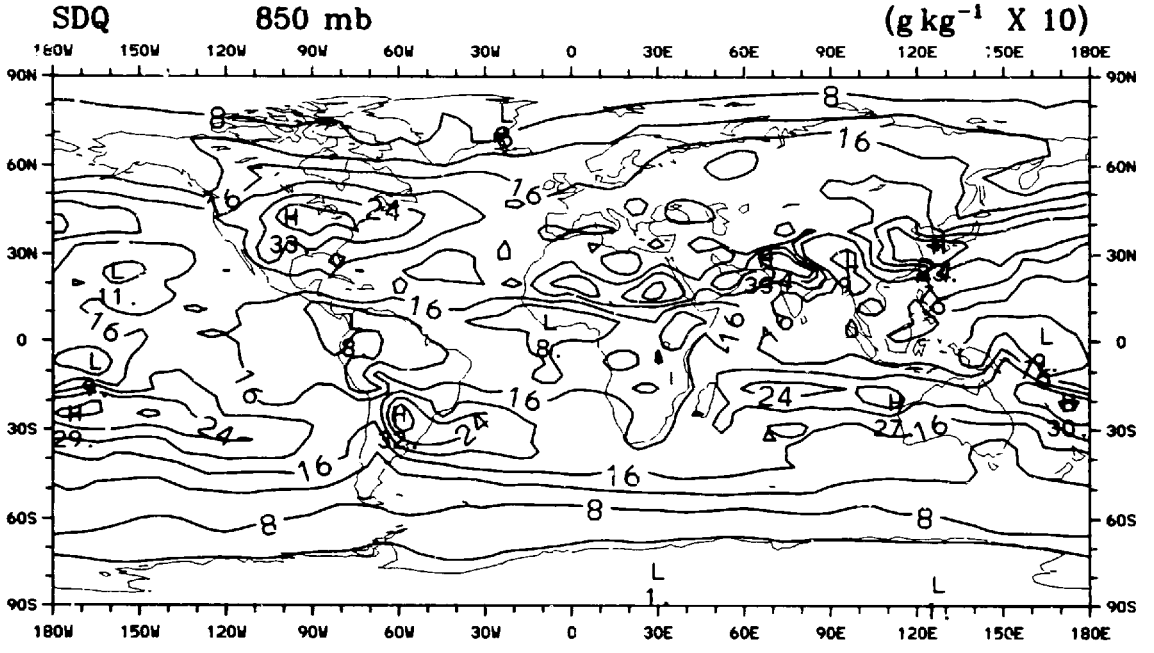
# EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 155.88 LABELS SCALED BY 0.10000

FRAME 2.33

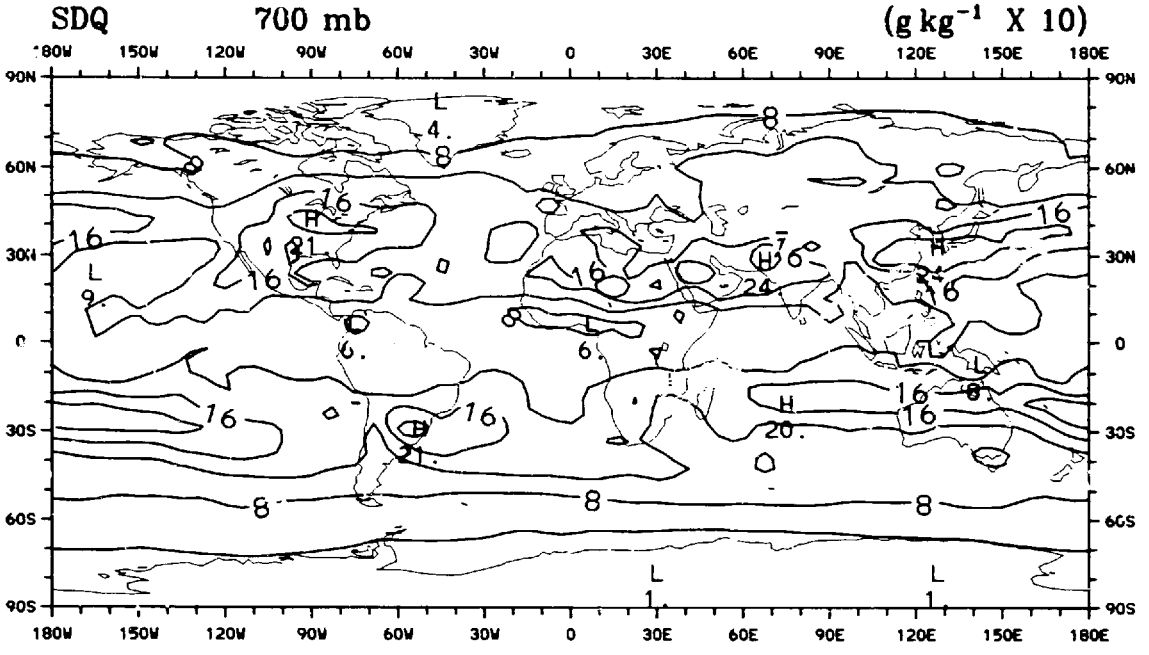
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.30007E-03 LABELS SCALED BY 10000.

FRAME 2.34

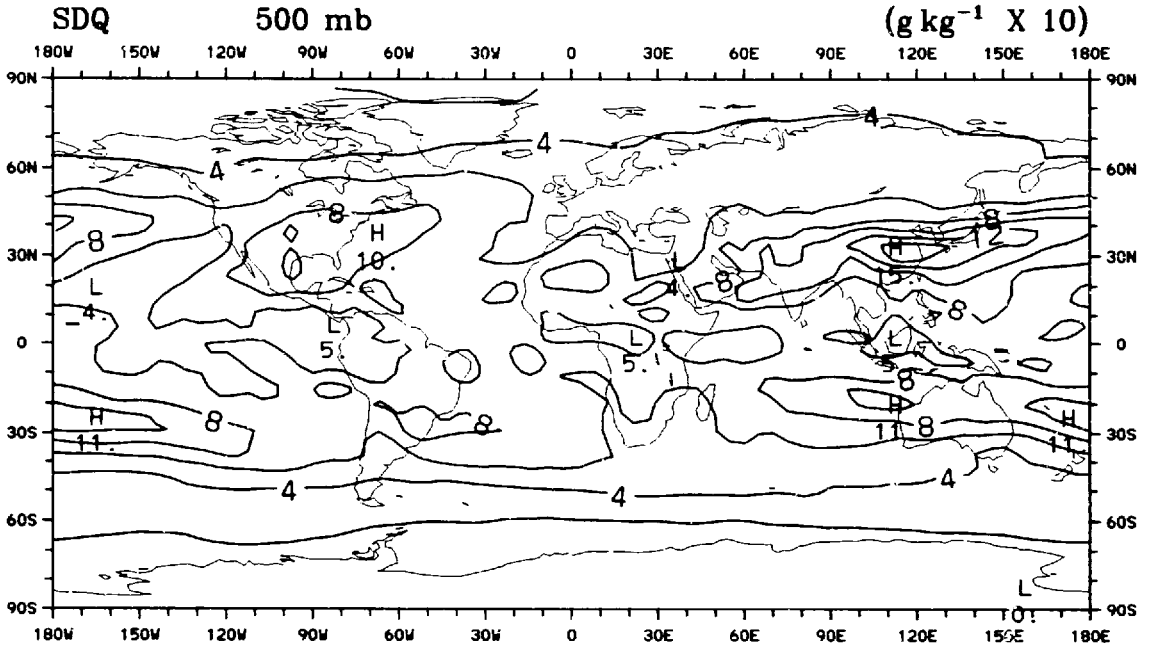
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.21752E-03 LABELS SCALED BY 10000.

FRAME 2.35

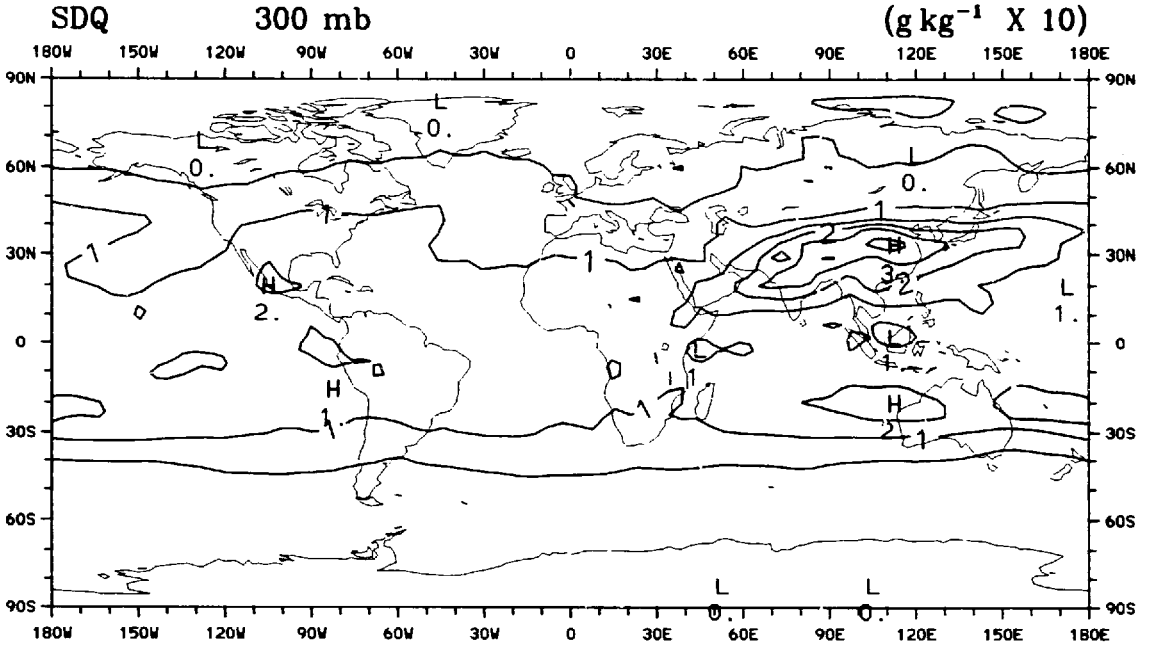
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.14000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.79534E-04 LABELS SCALED BY 10000.

FRAME 2.36

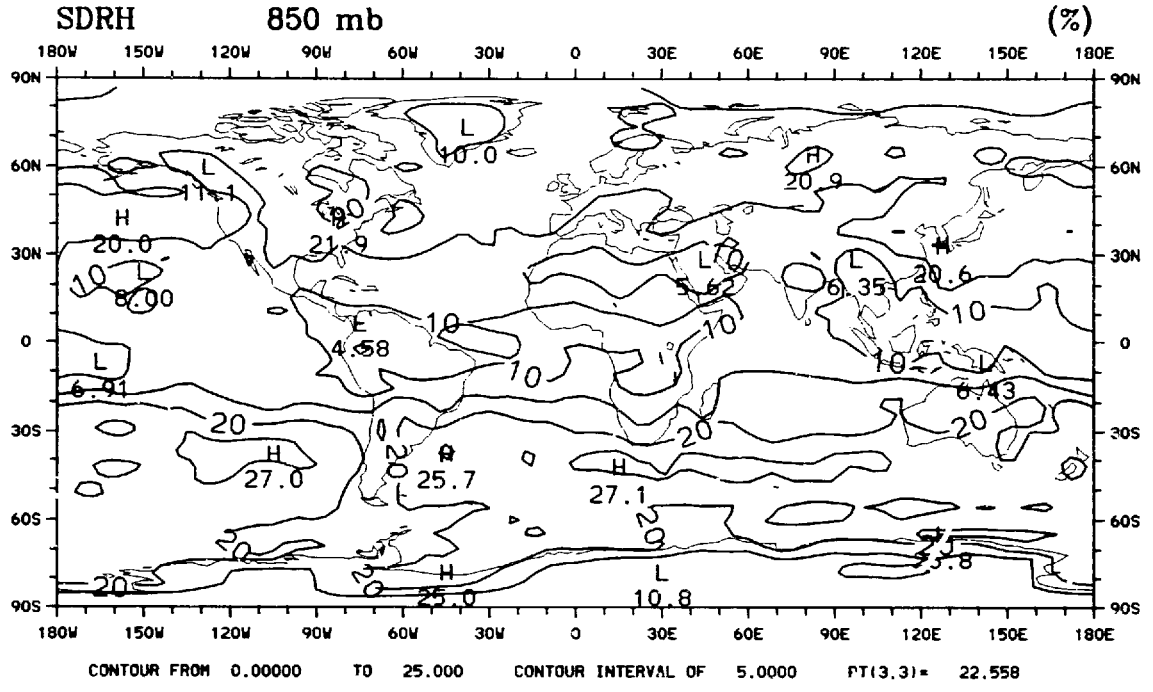
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.30000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.78103E-05 LABELS SCALED BY 10000.

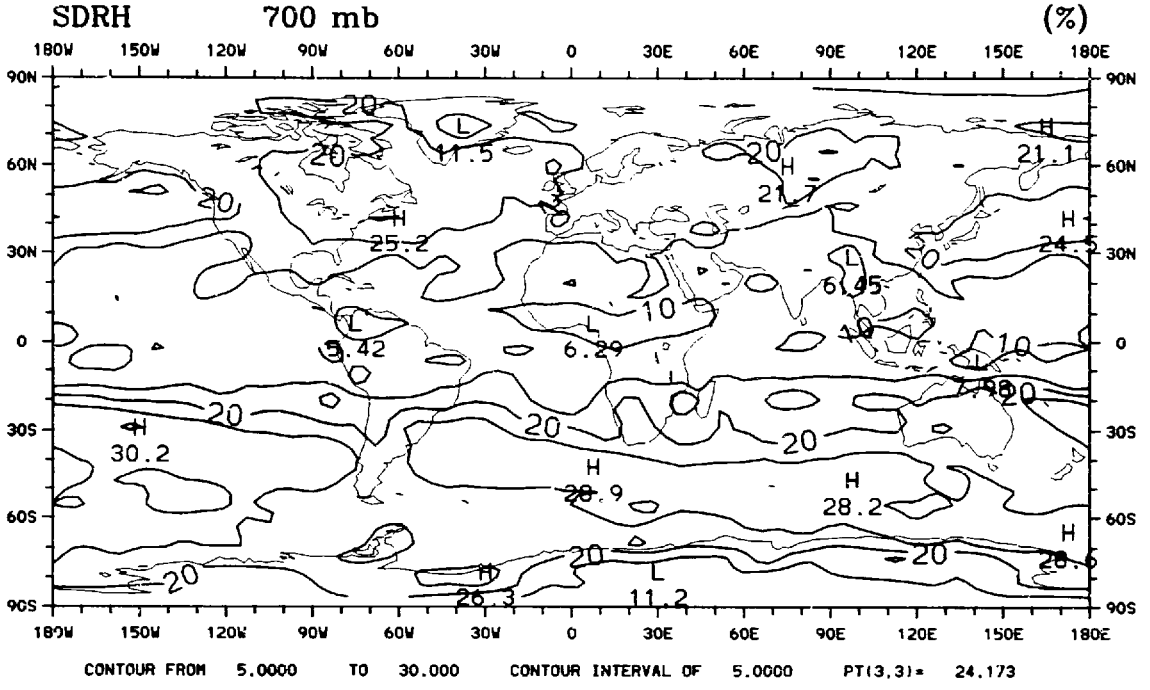
FRAME 2.37

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



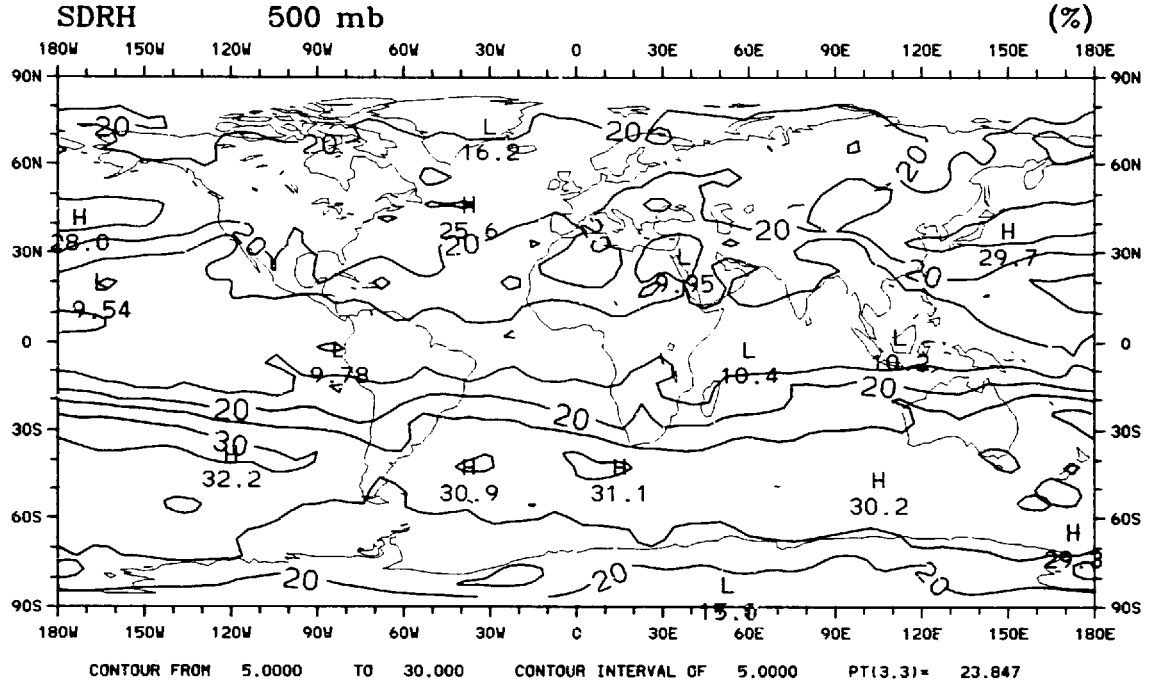

FRAME 2.38

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



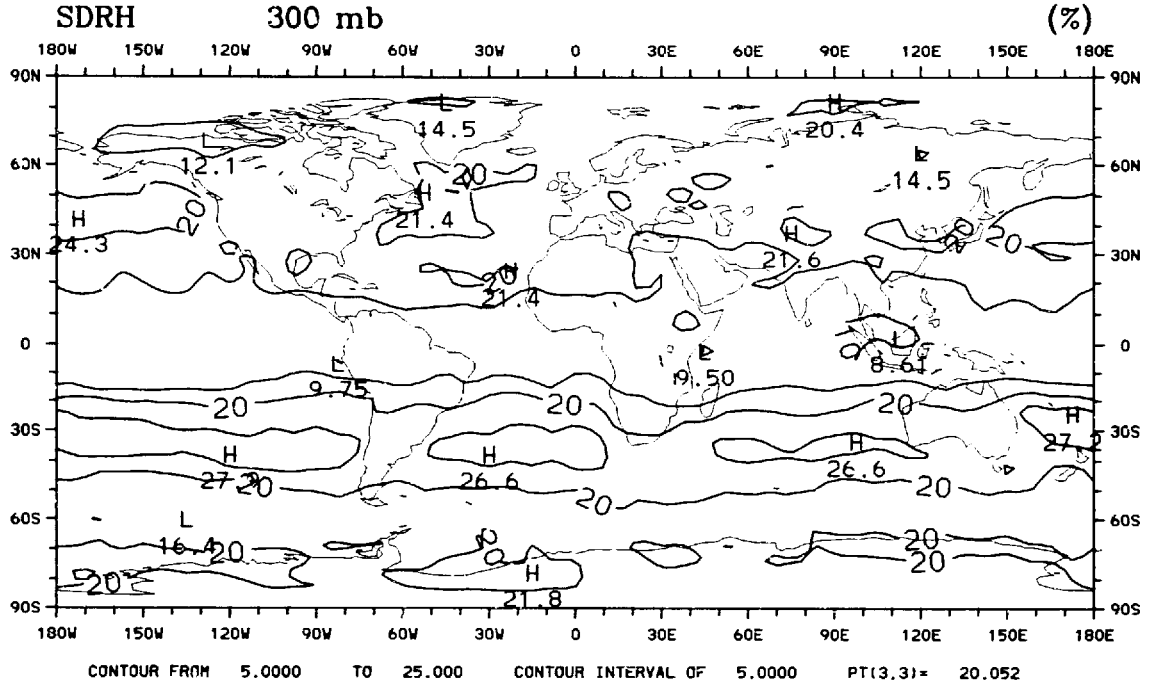

FRAME 2.39

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



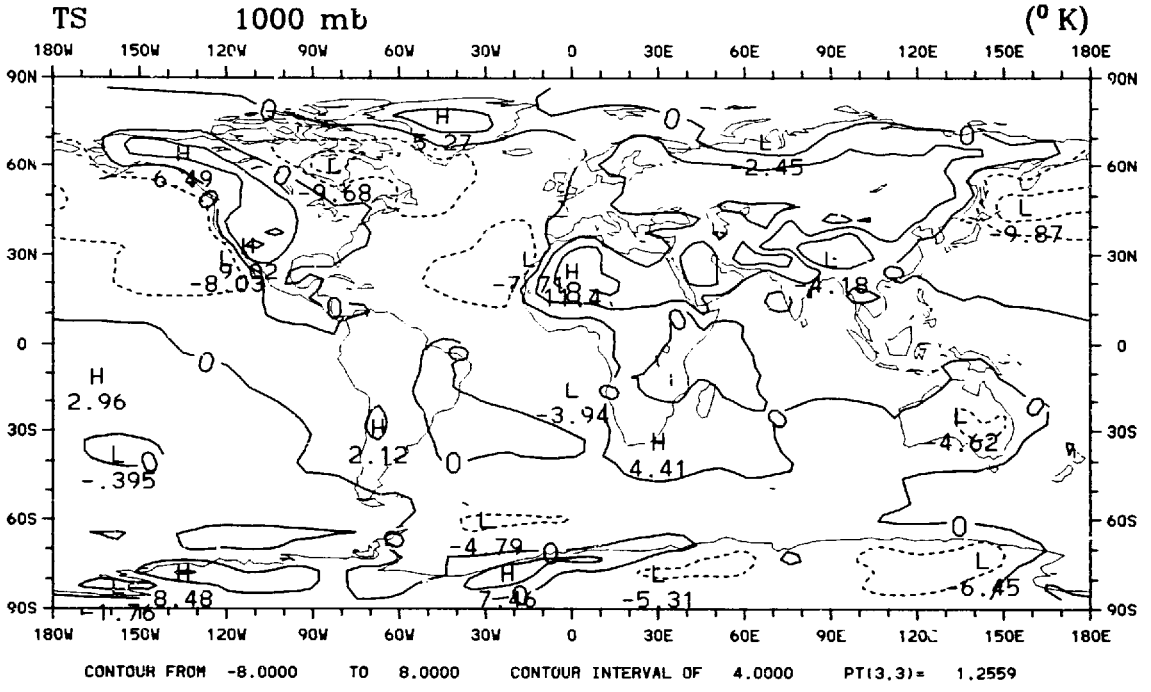

FRAME 2.40

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



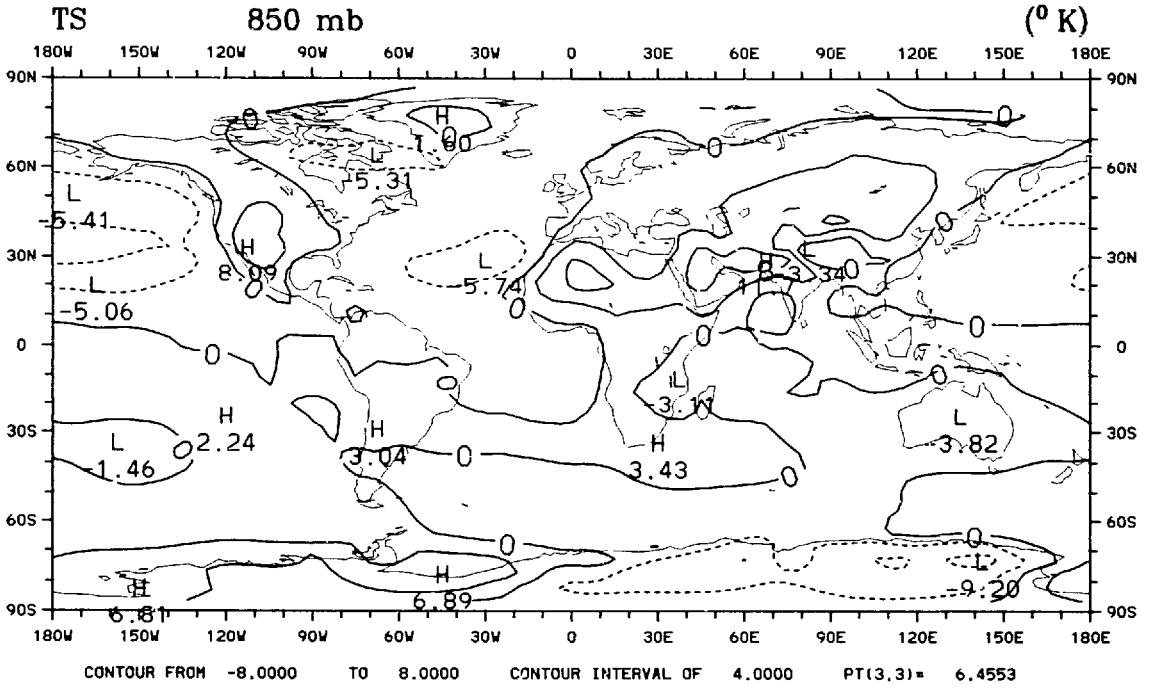

FRAME 2.41

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.42

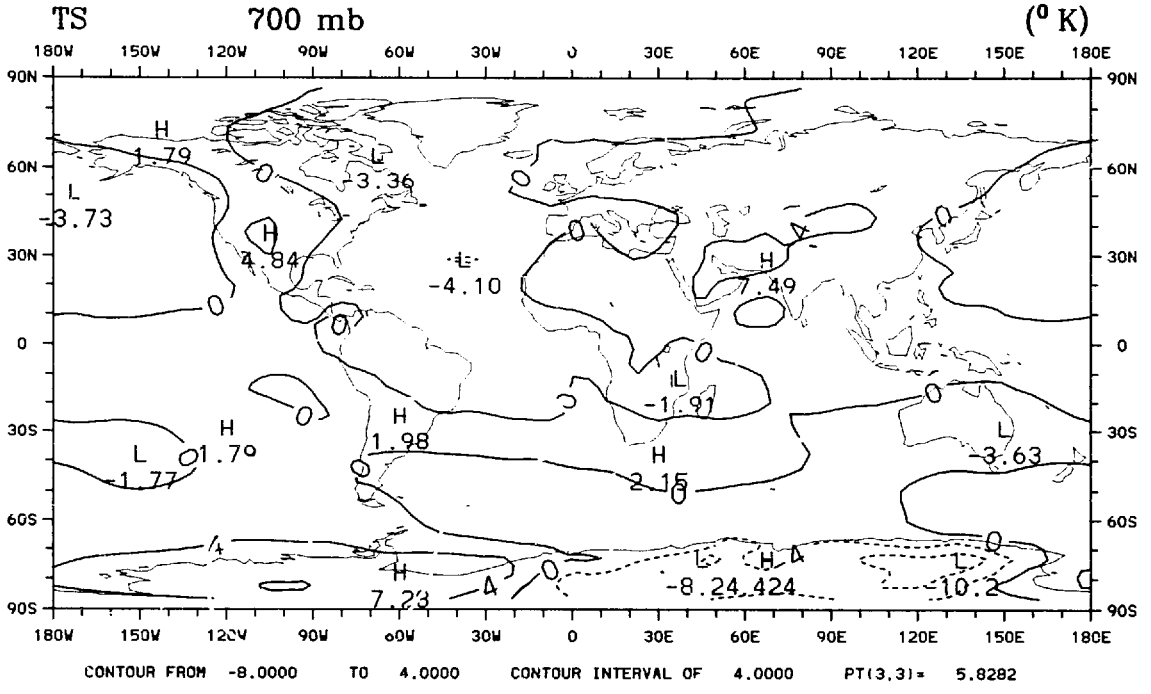
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -8.0000 TO 8.0000 CONTOUR INTERVAL OF 4.0000 PT(3,3)= 6.4553

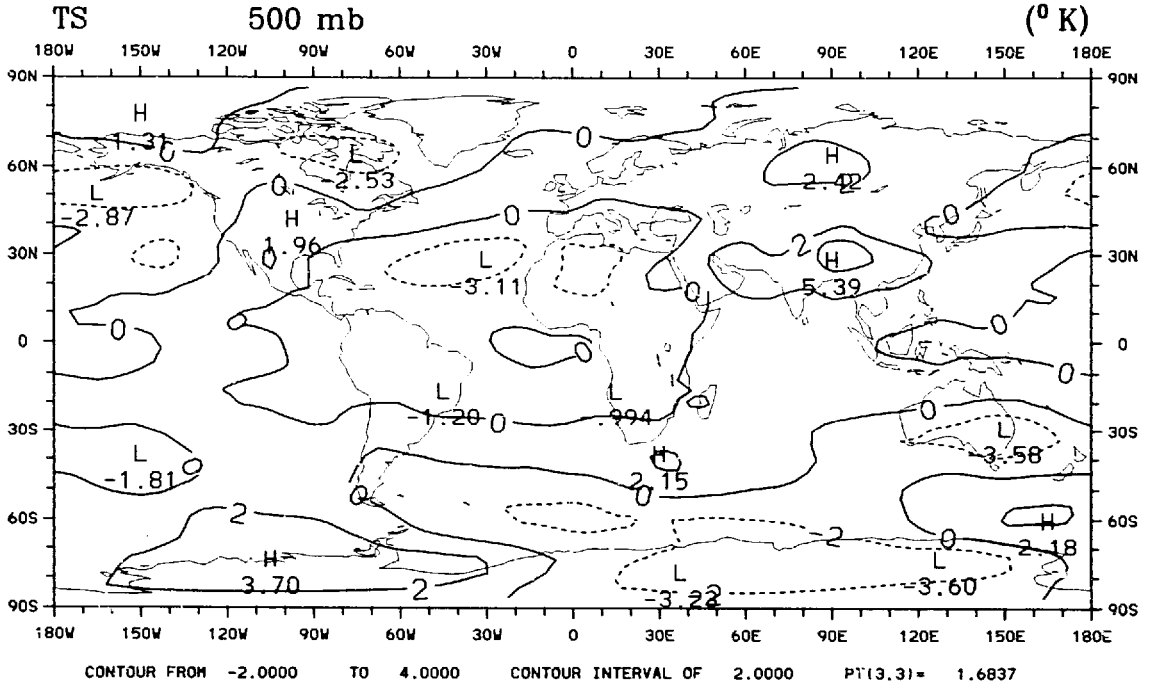
FRAME 2.43

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



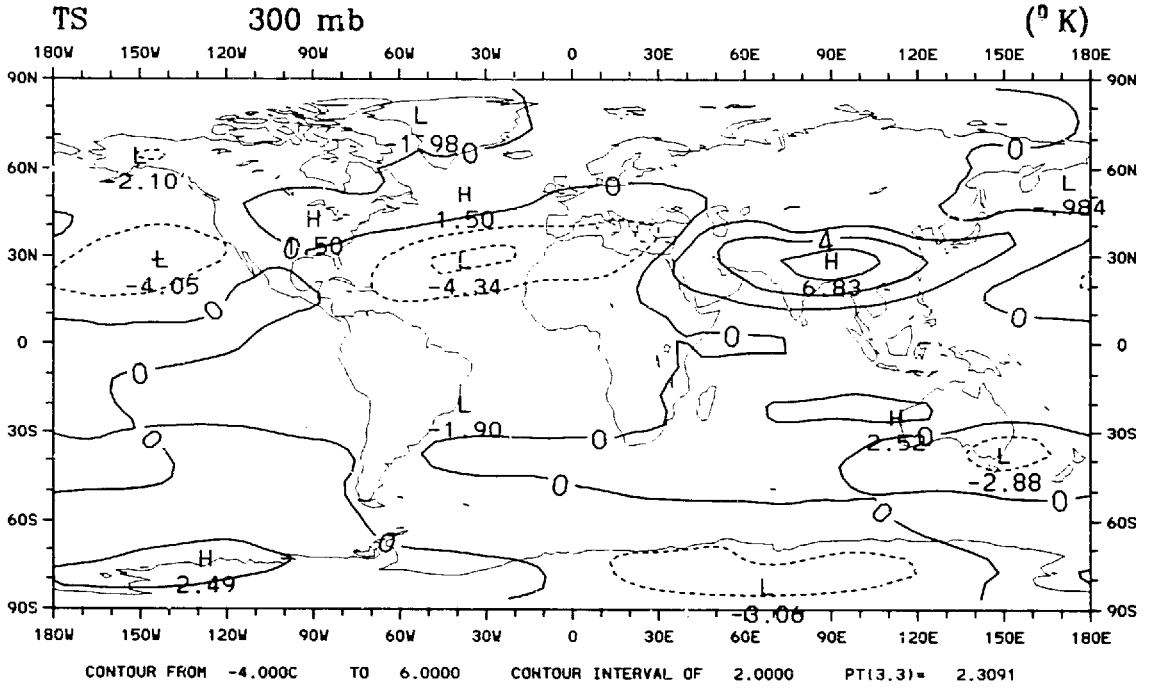

FRAME 2.44

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



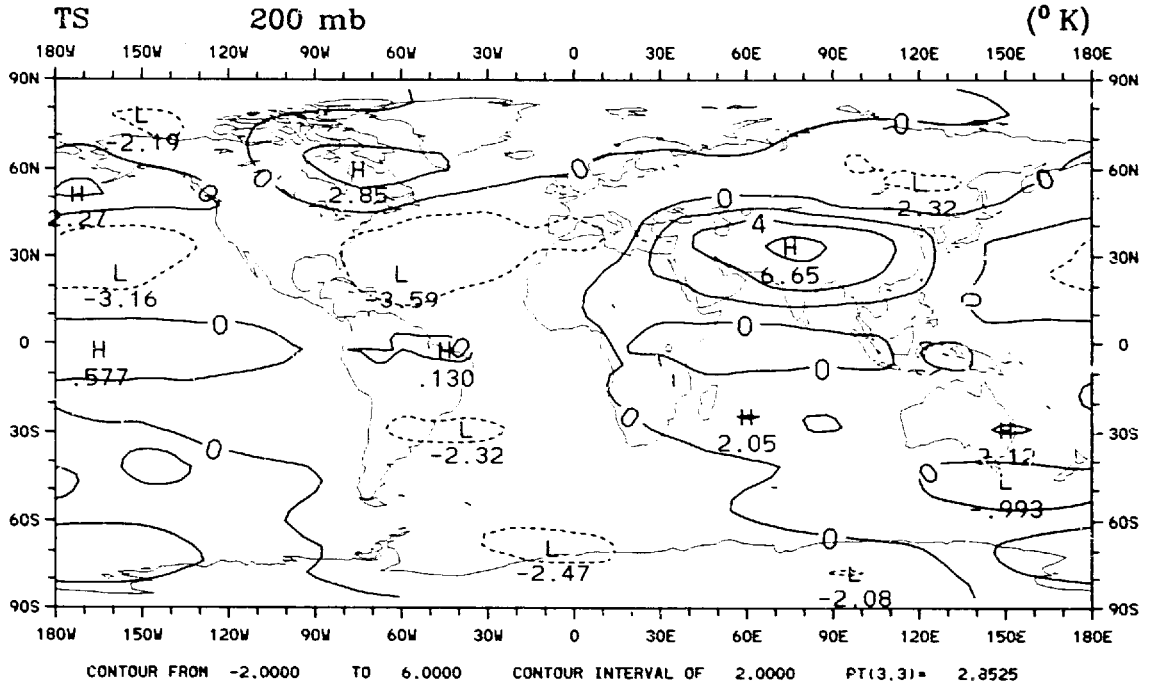

FRAME 2.45

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



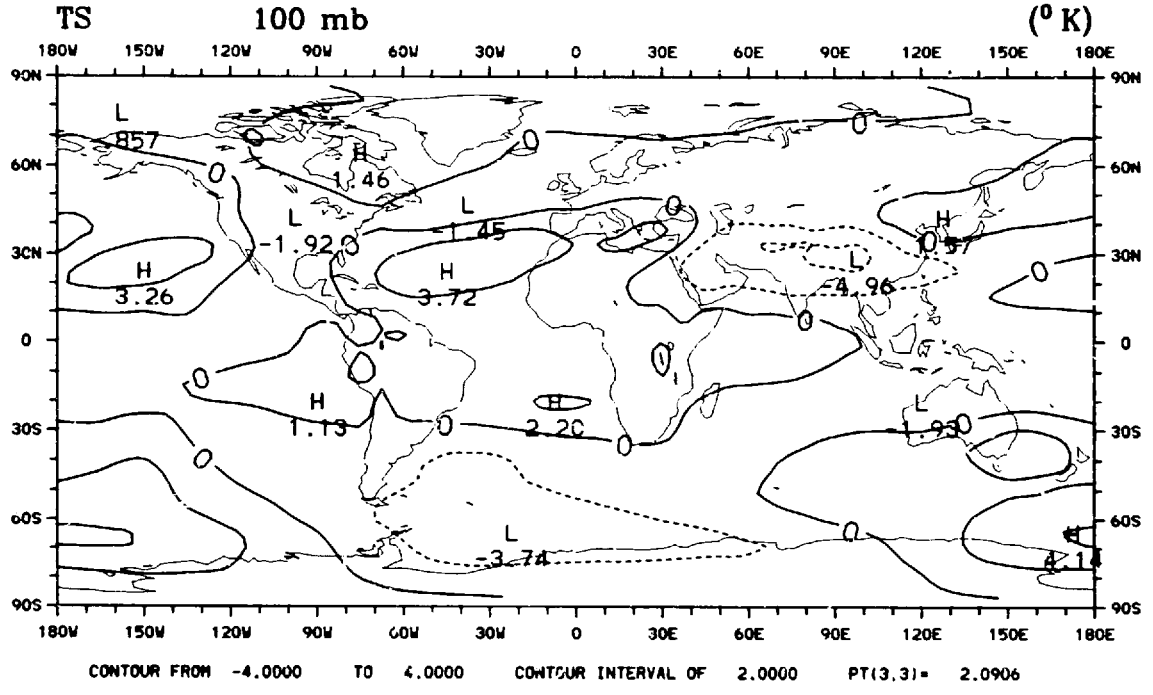

FRAME 2.46

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



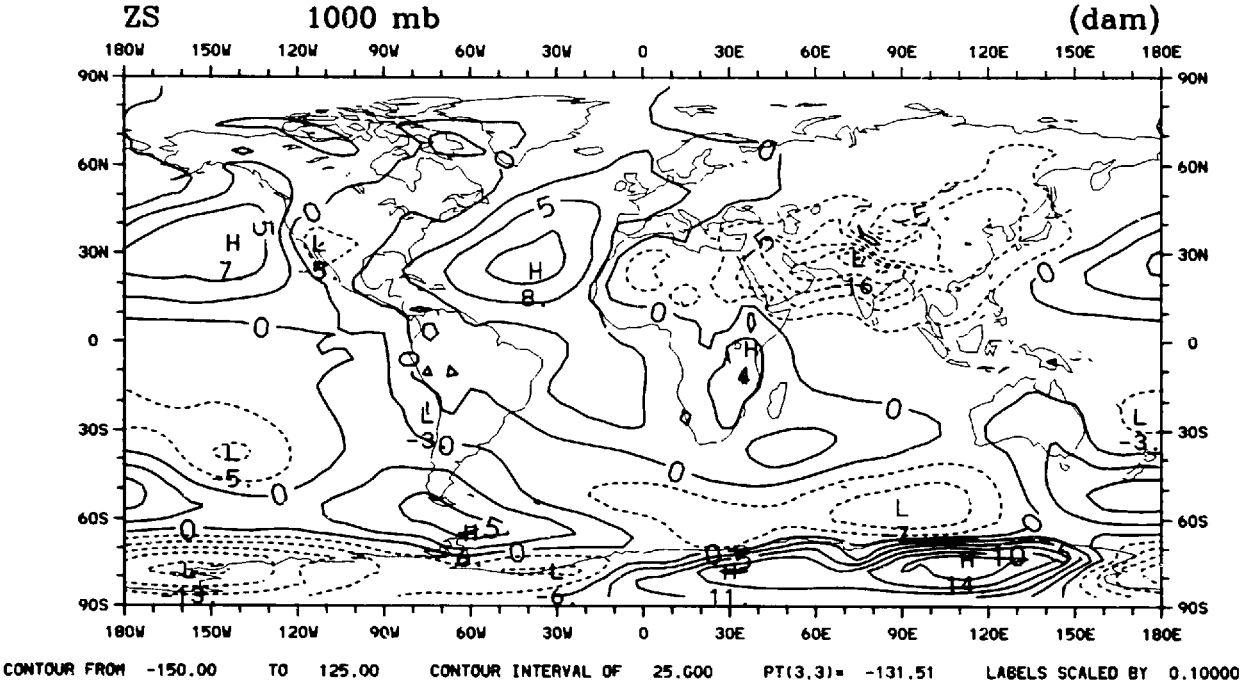

FRAME 2.47

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



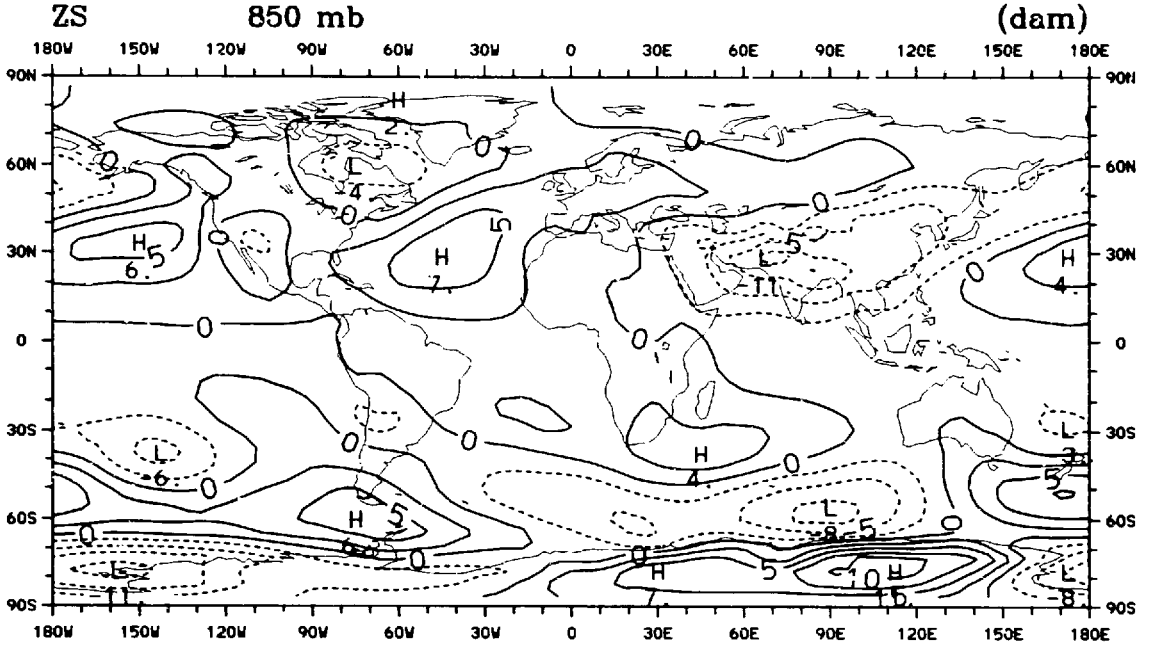

FRAME 2.48

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.49

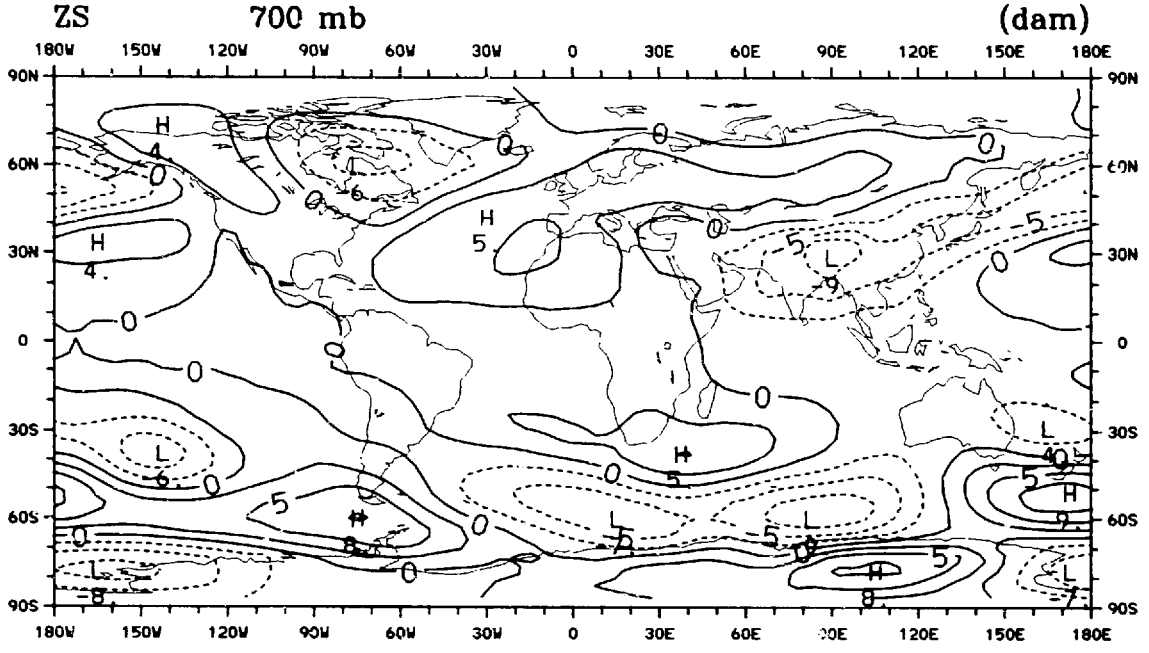
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -100.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT!3,3!= -107.51 LABELS SCALED BY 0.10000

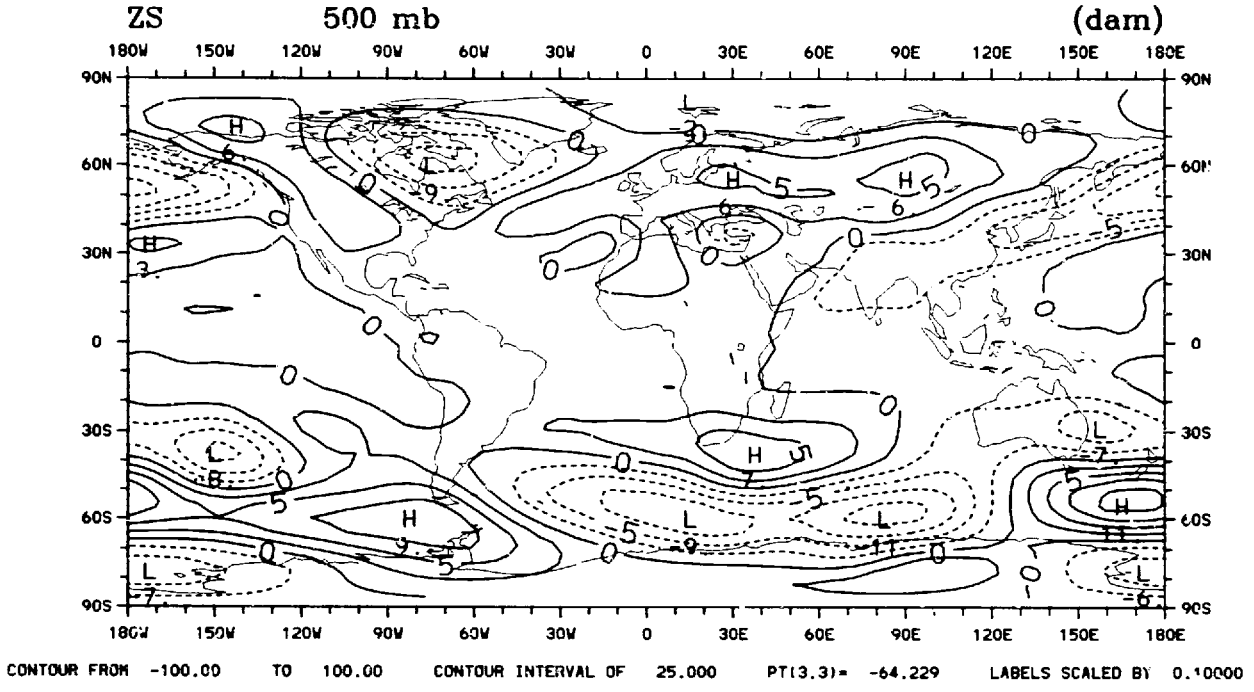
FRAME 2.50

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.51

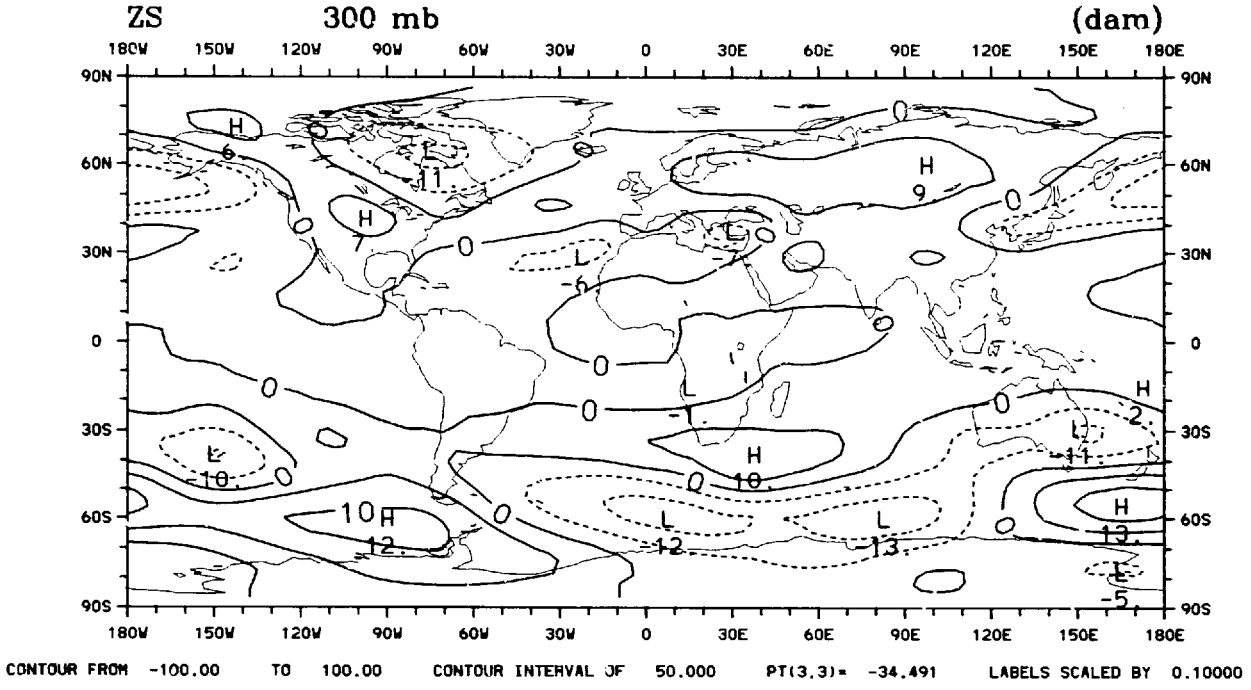
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -100.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -64.229 LABELS SCALED BY 0.10000

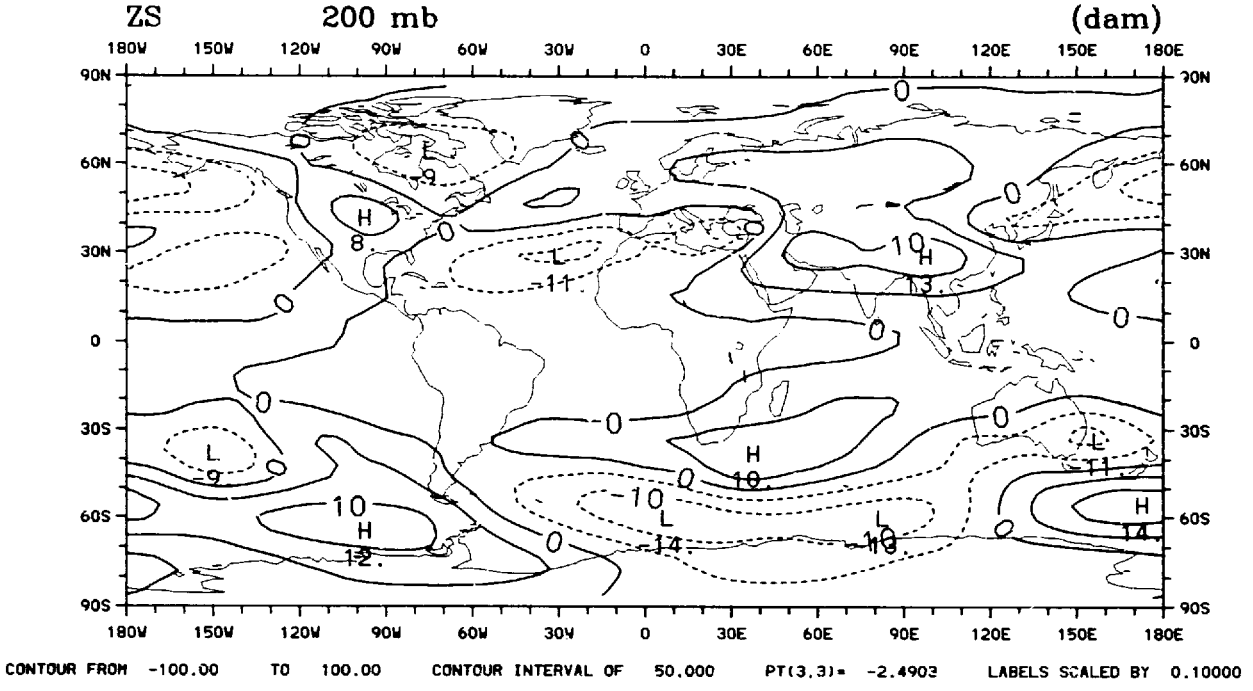
FRAME 2.52

# EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



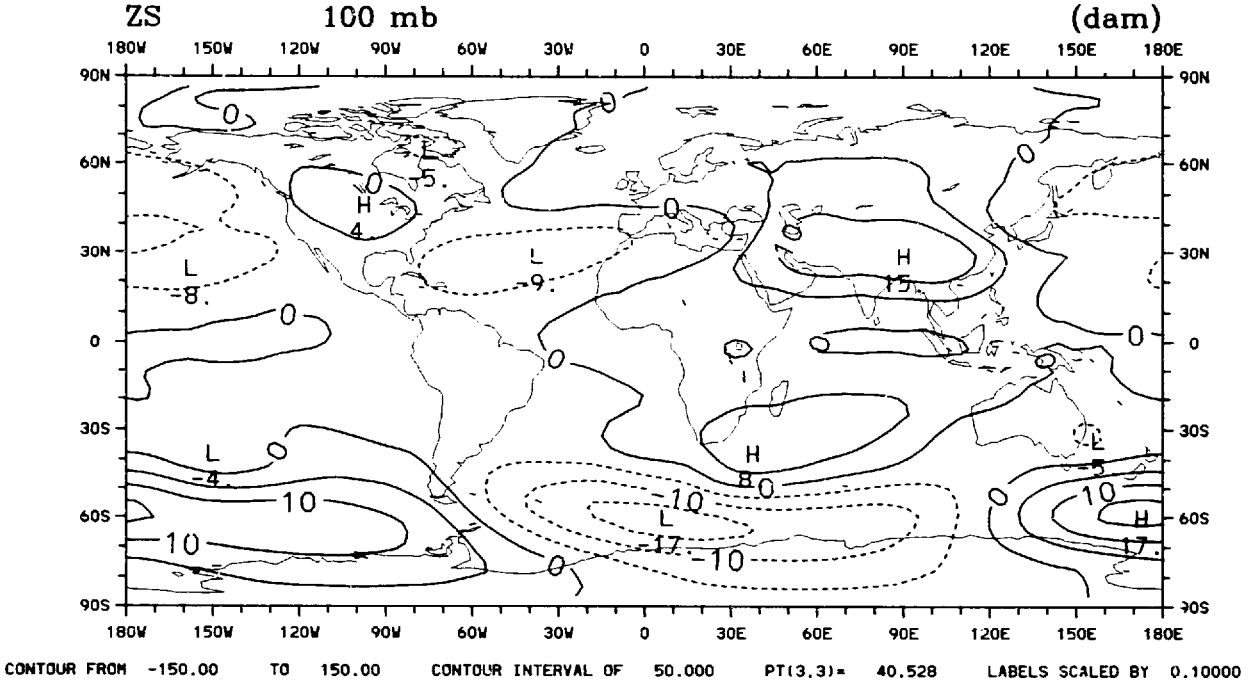

FRAME 2.53

# EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.54

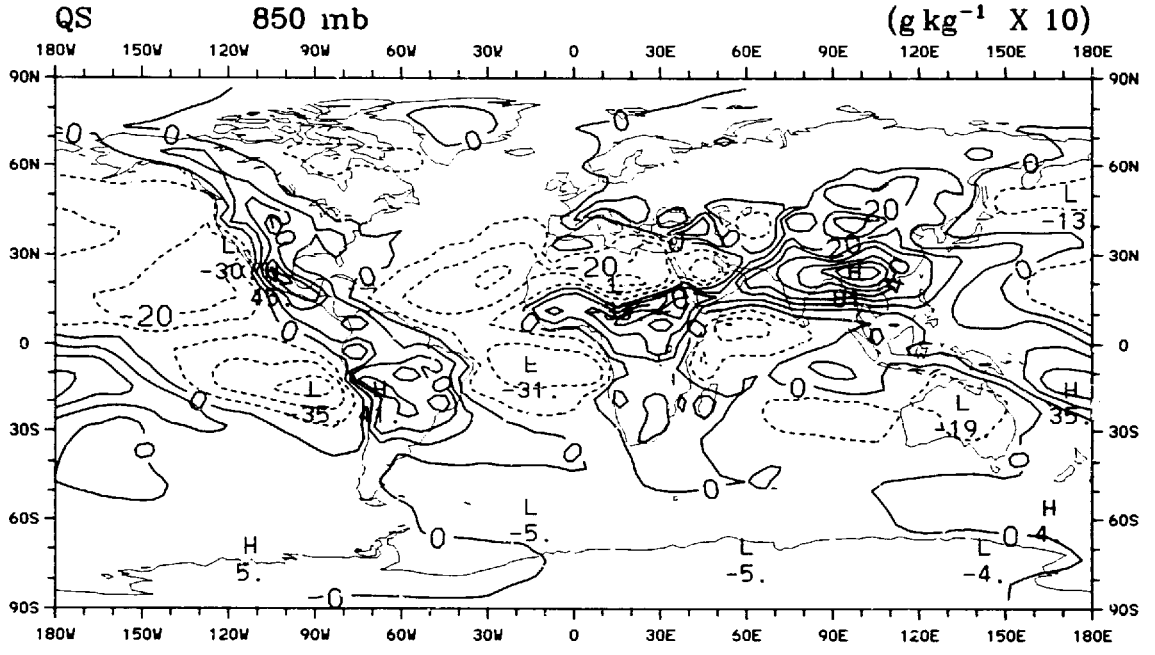
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -150.00 TO 150.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 40.528 LABELS SCALED BY 0.10000

FRAME 2.55

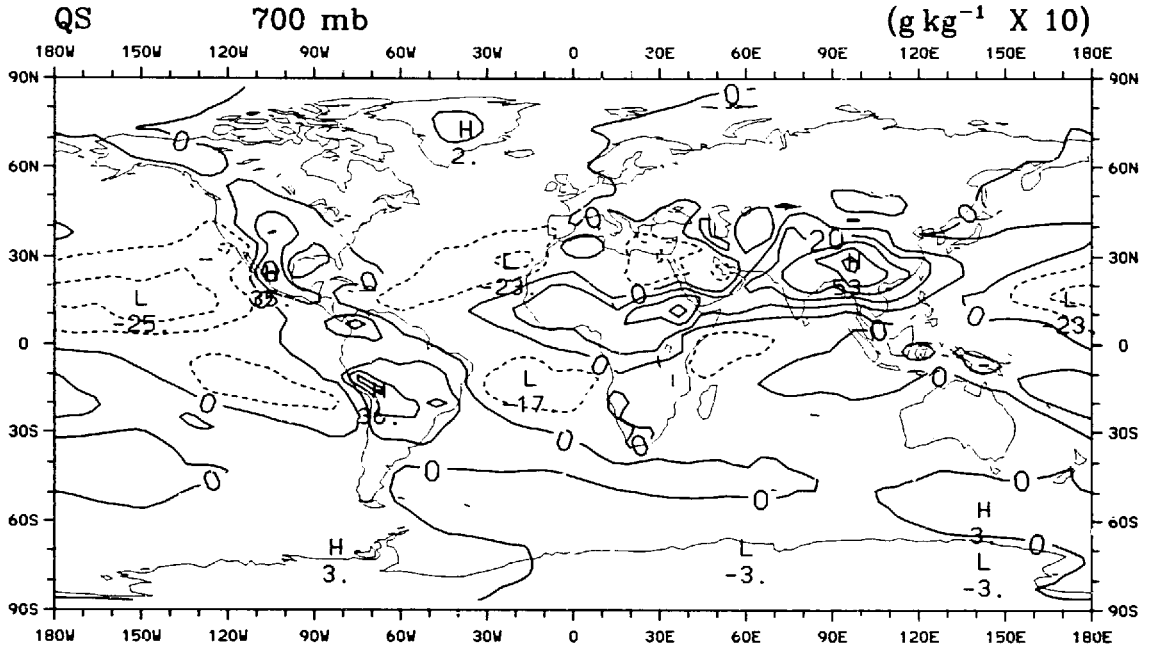
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.30000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.17701E-03 LABELS SCALED BY 10000.

FRAME 2.56

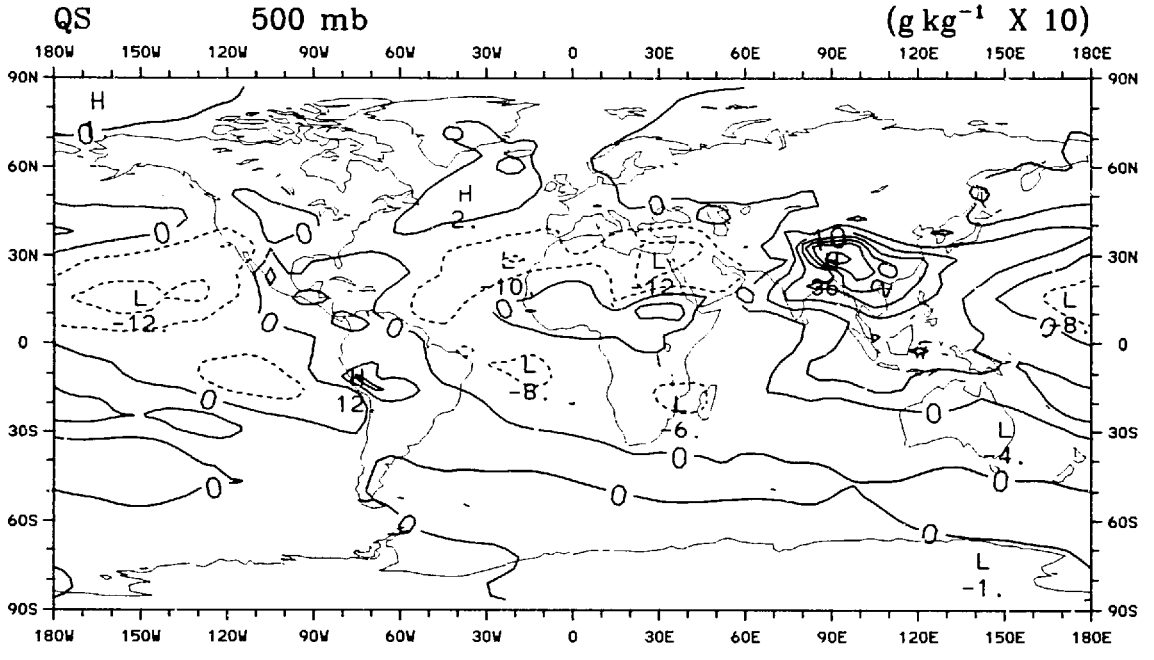
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.89580E-04 LABELS SCALED BY 10000.

FRAME 2.57

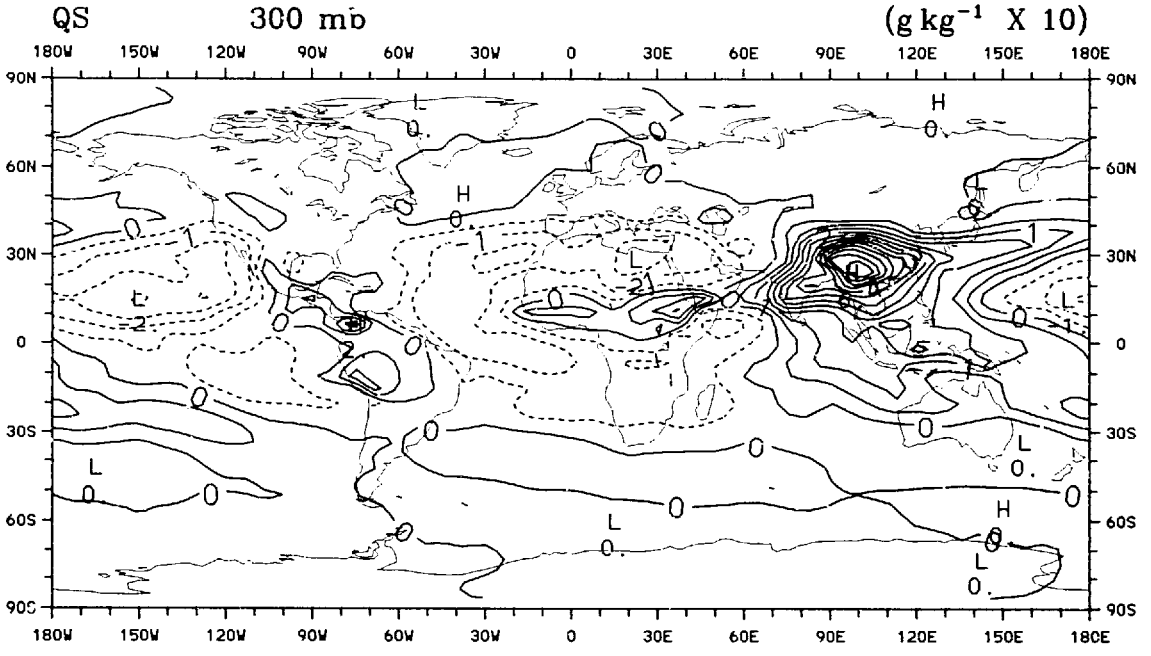
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-02 TO 0.35000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.14780E-04 LABELS SCALED BY 10000.

FRAME 2.58

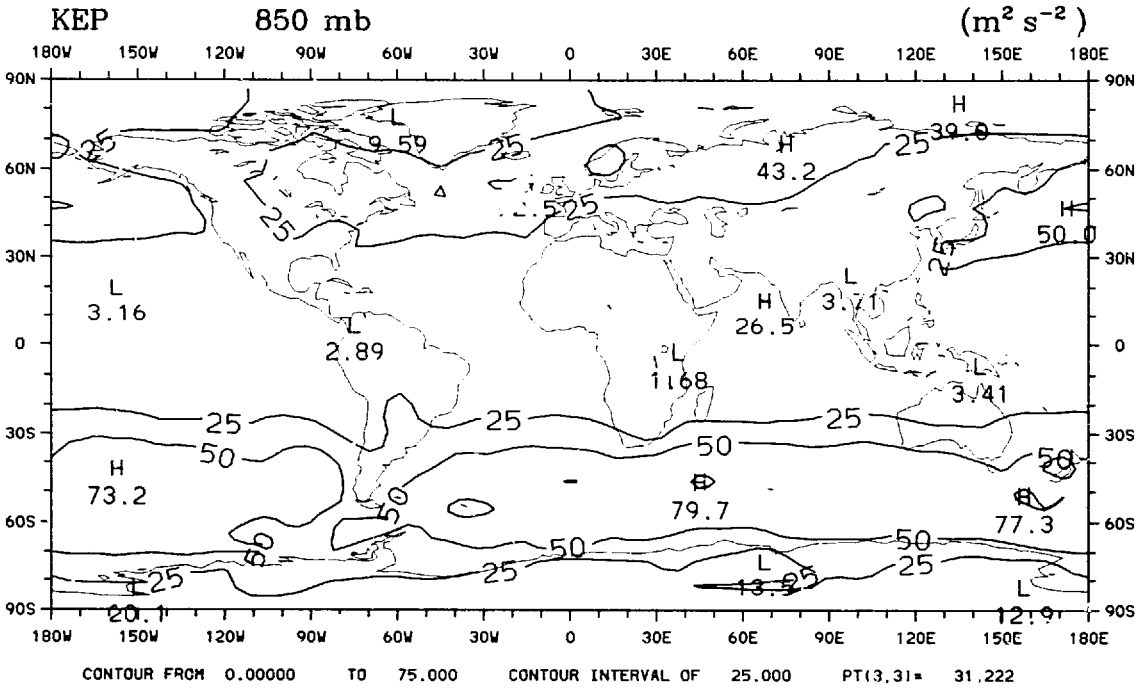
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-03 TO 0.60000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.26208E-05 LABELS SCALED BY 10000.

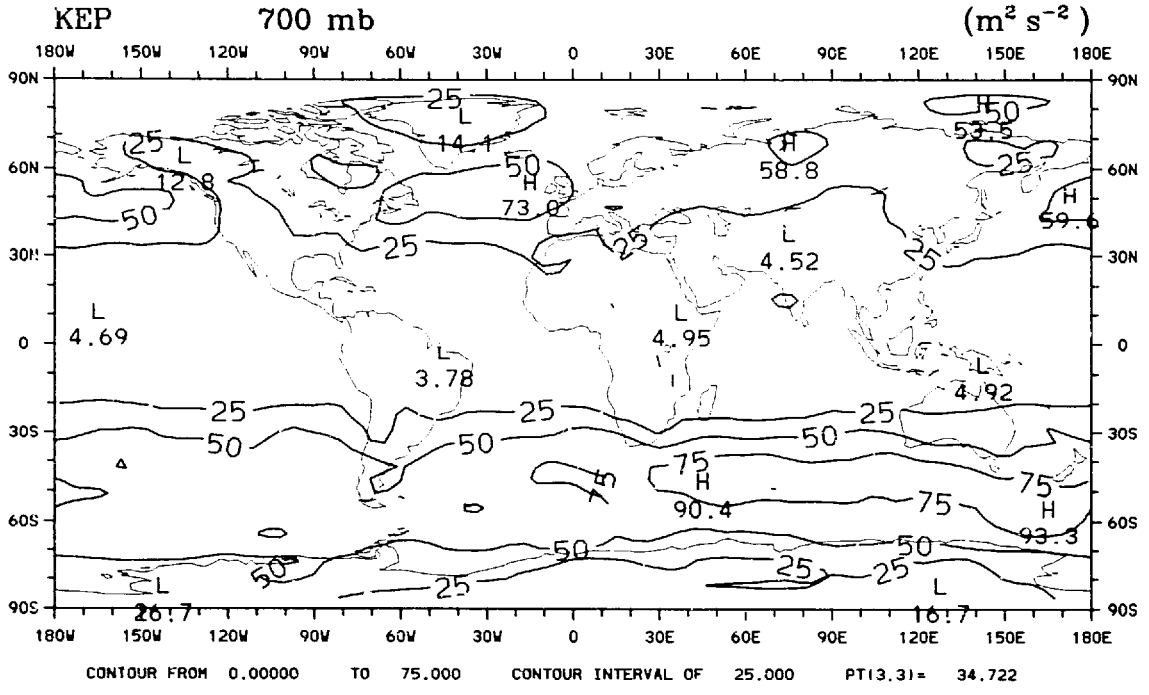
FRAME 2.59

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)



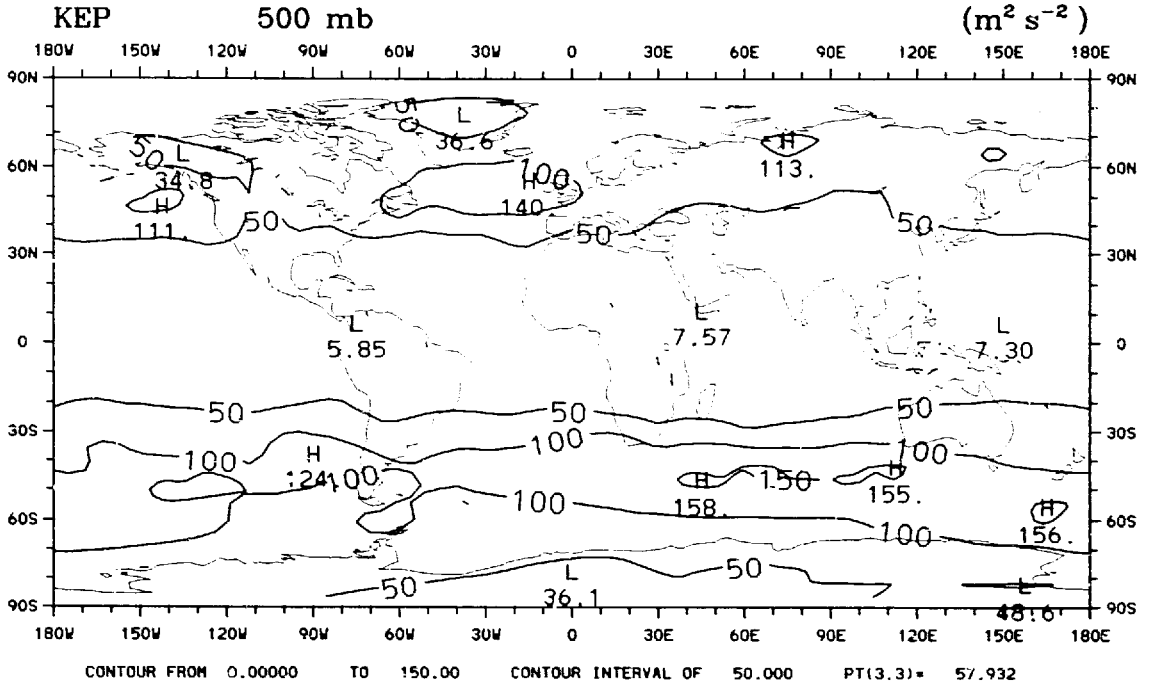

FRAME 2.60

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



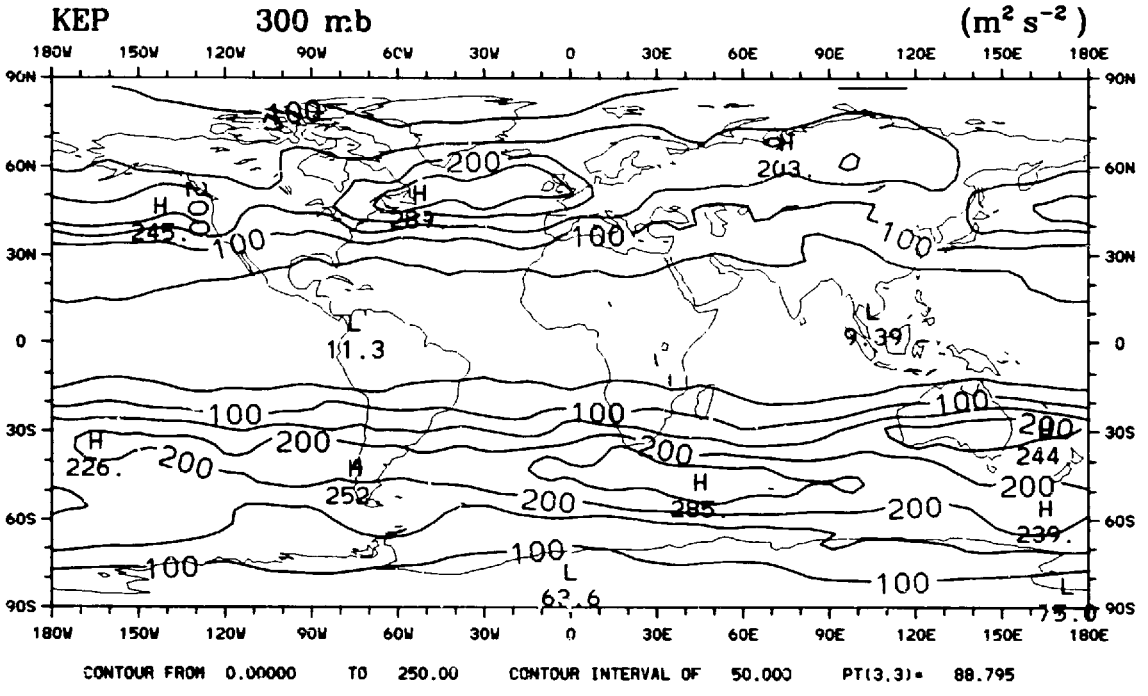

FRAME 2.61

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



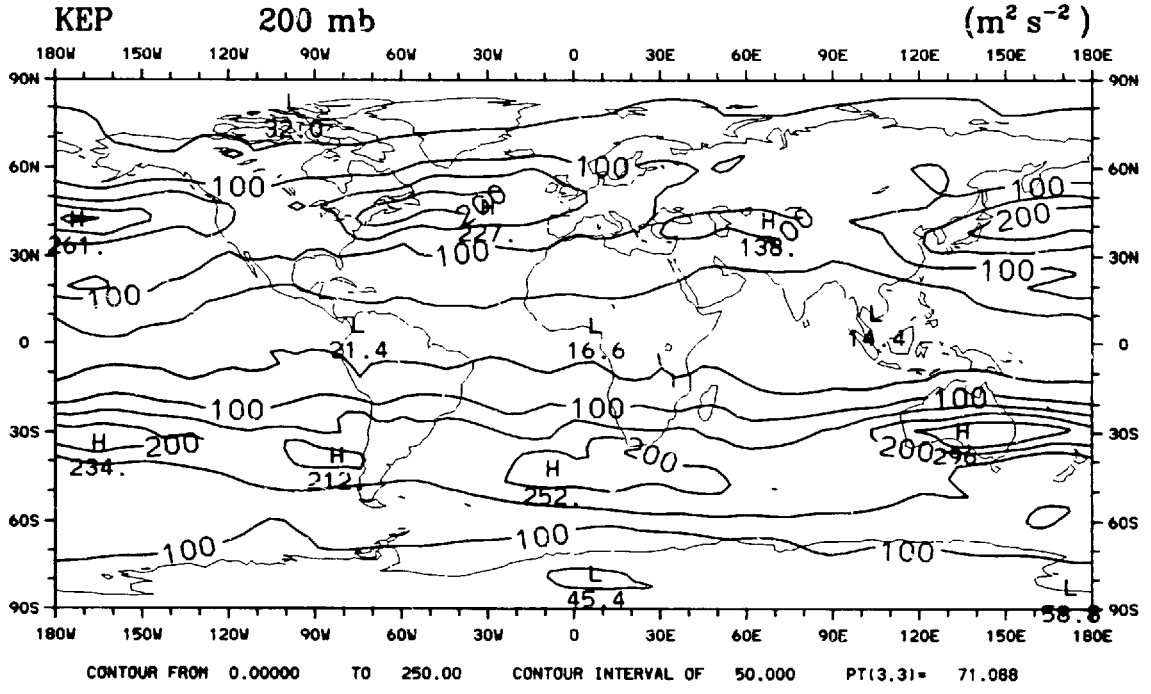

FRAME 2.62

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)



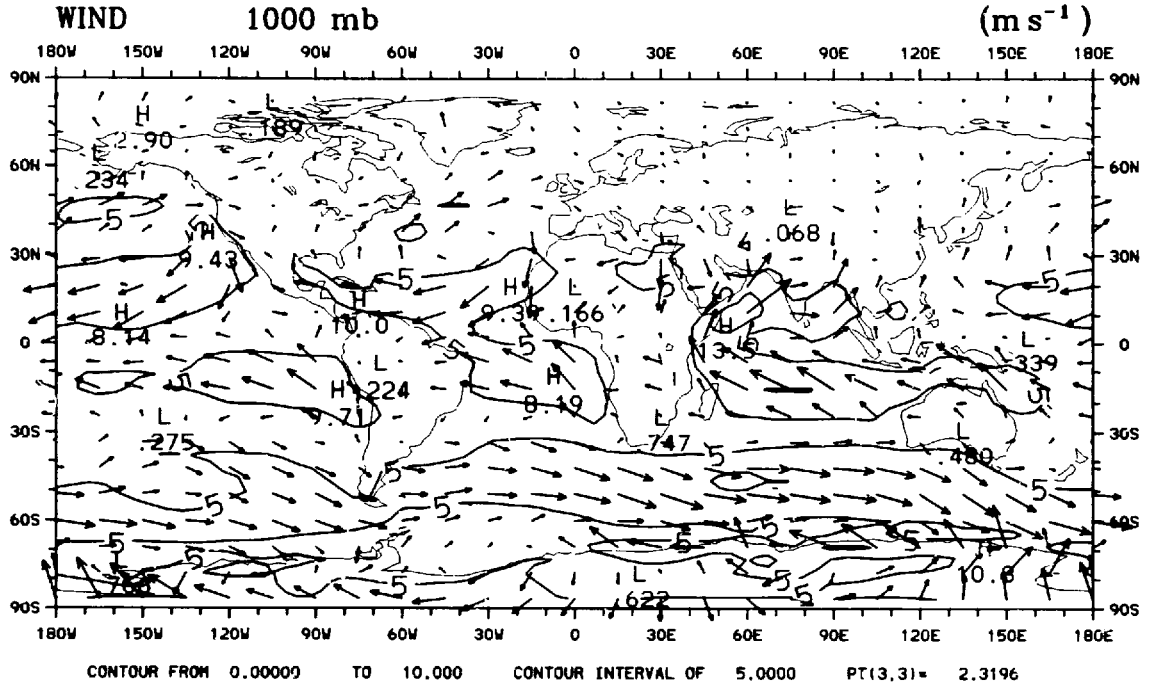

FRAME 2.63

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

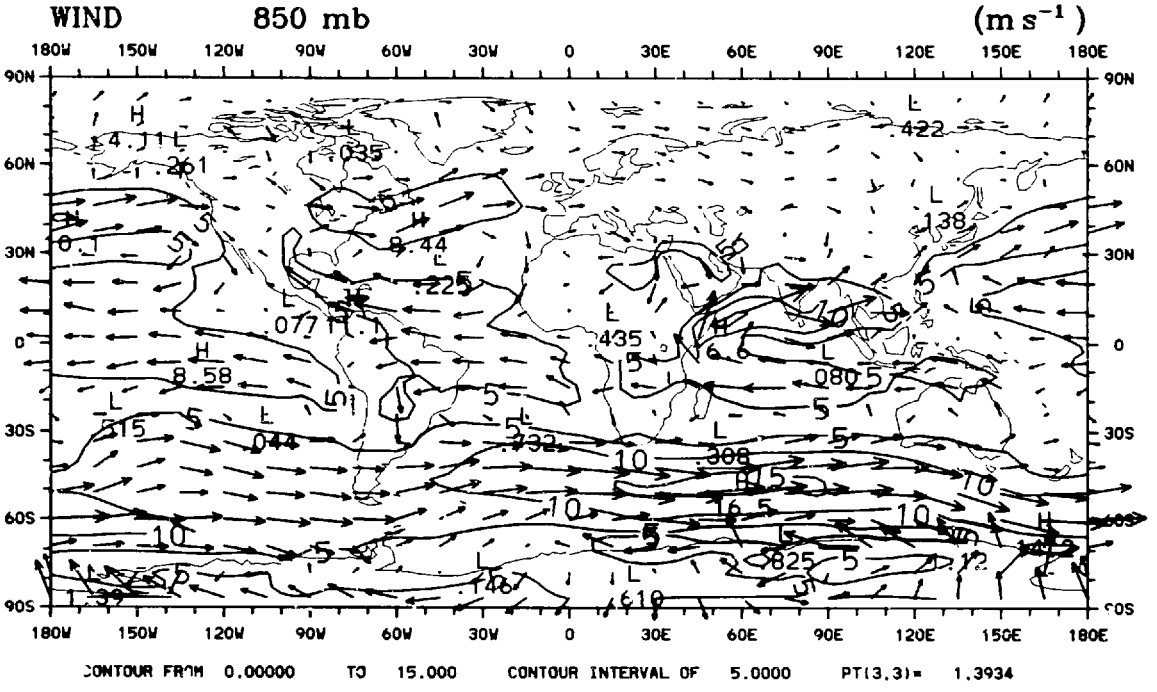
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

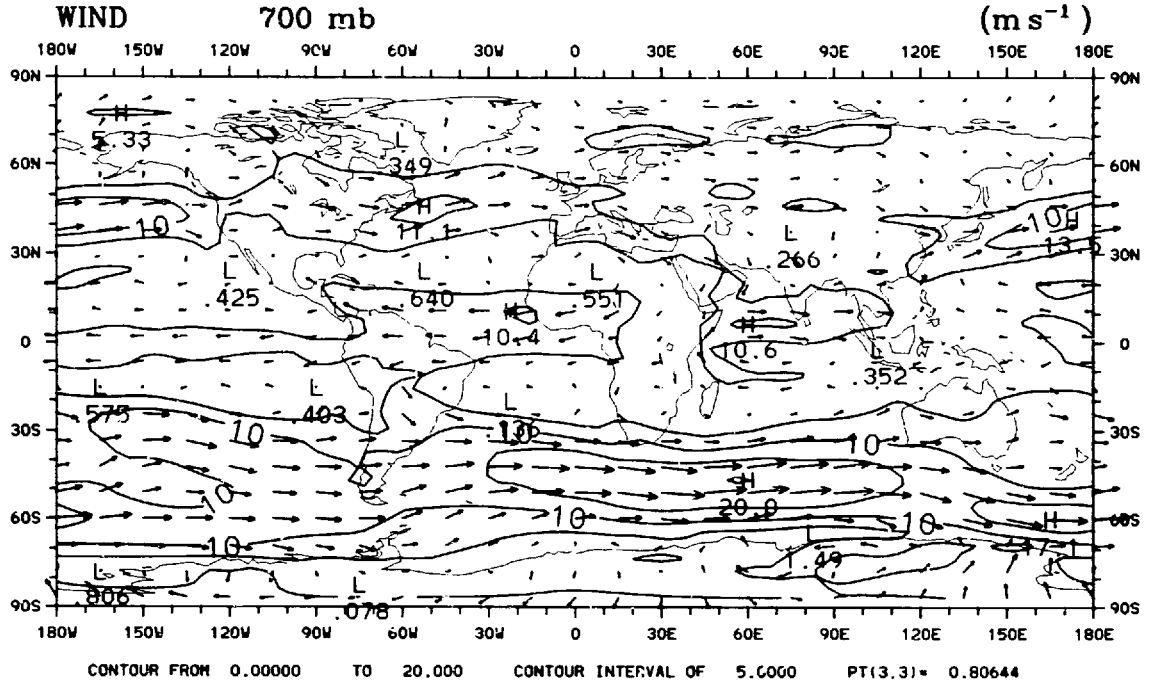
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.66

0.100E+02 →
SCALING VECTOR

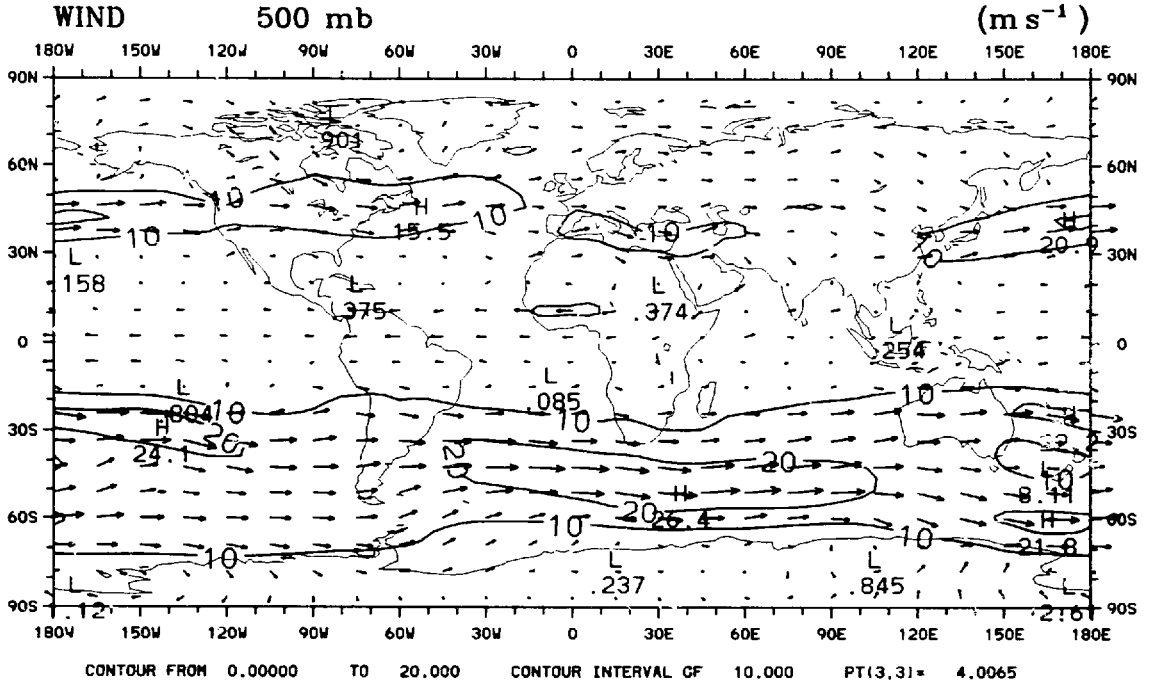
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.200E+02 →
SCALING VECTOR

FRAME 2.67

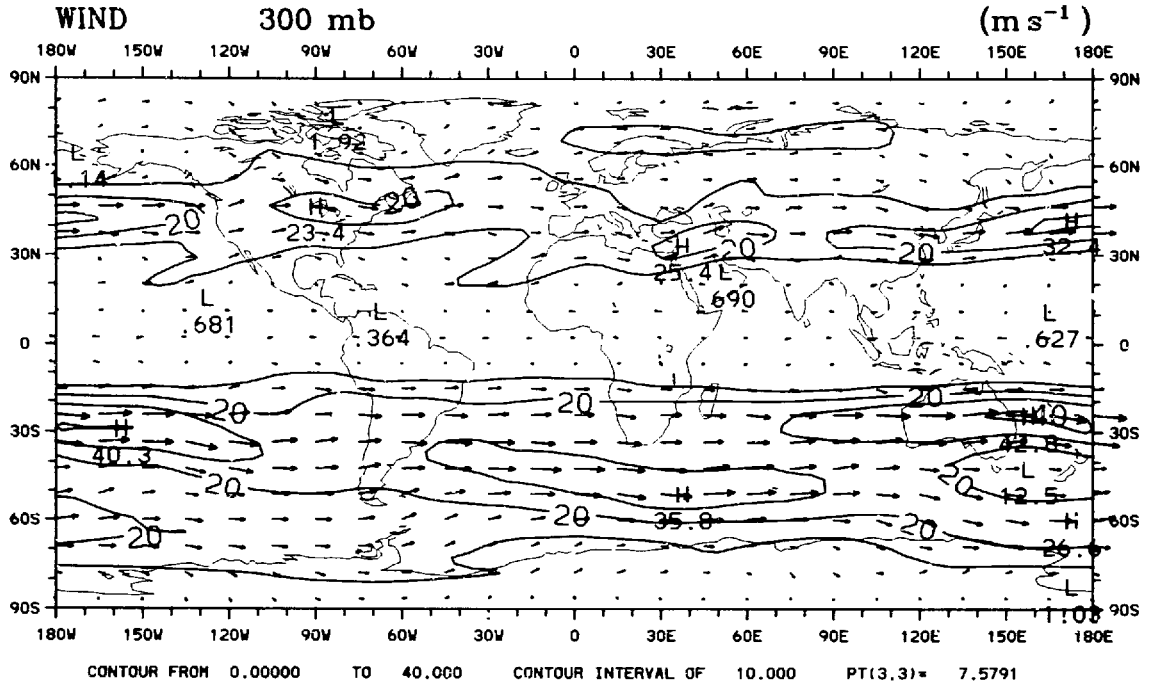
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




0.300E+02 →
SCALING VECTOR

FRAME 2.68

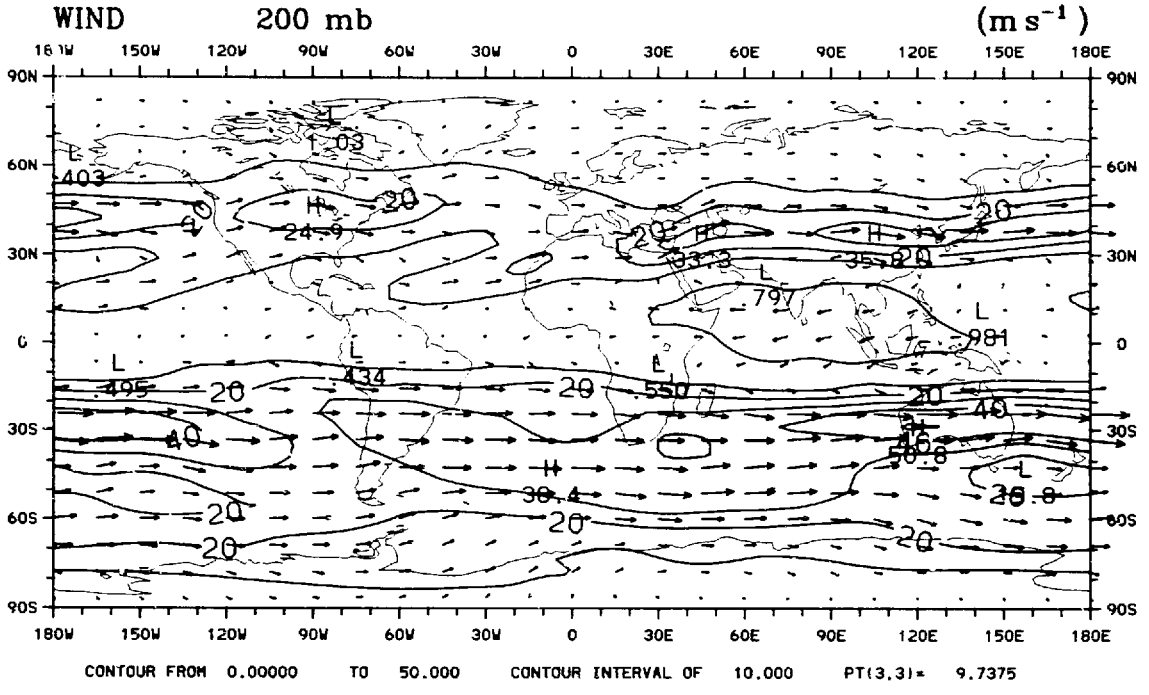
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

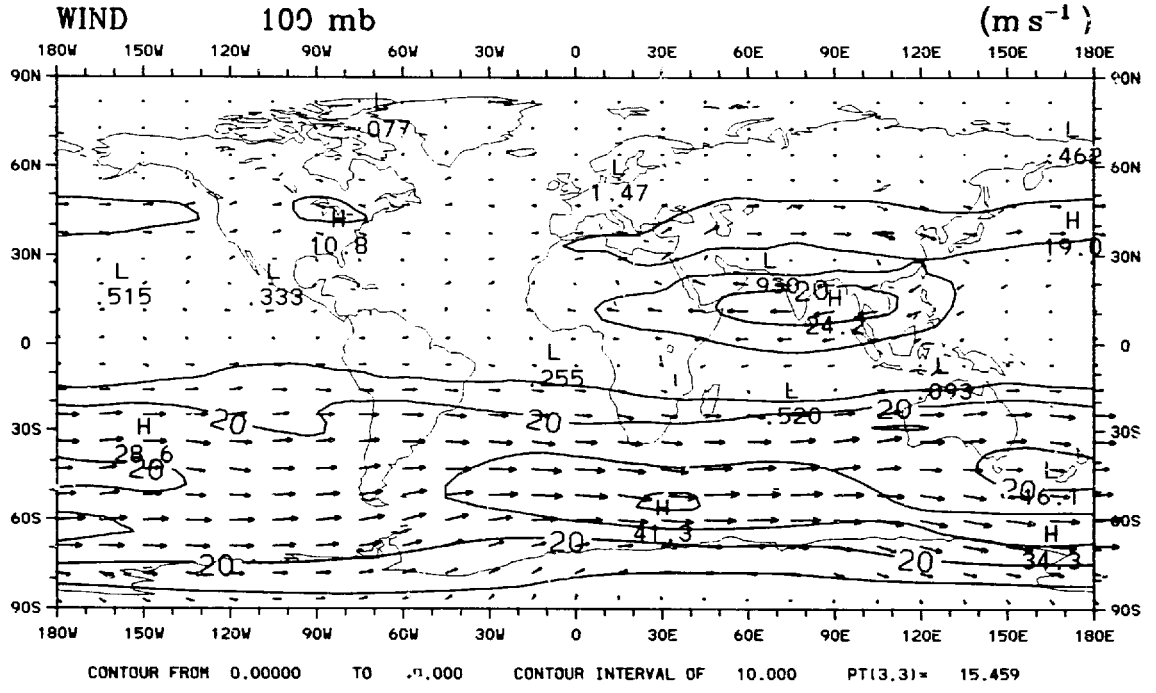
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.70

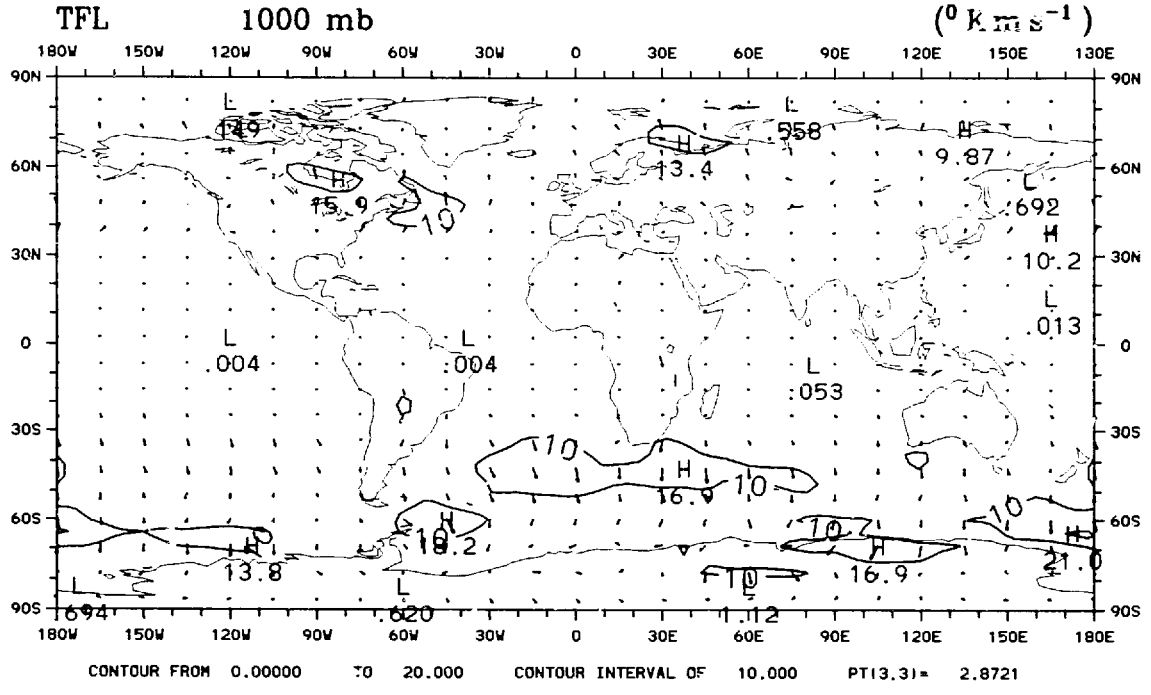
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

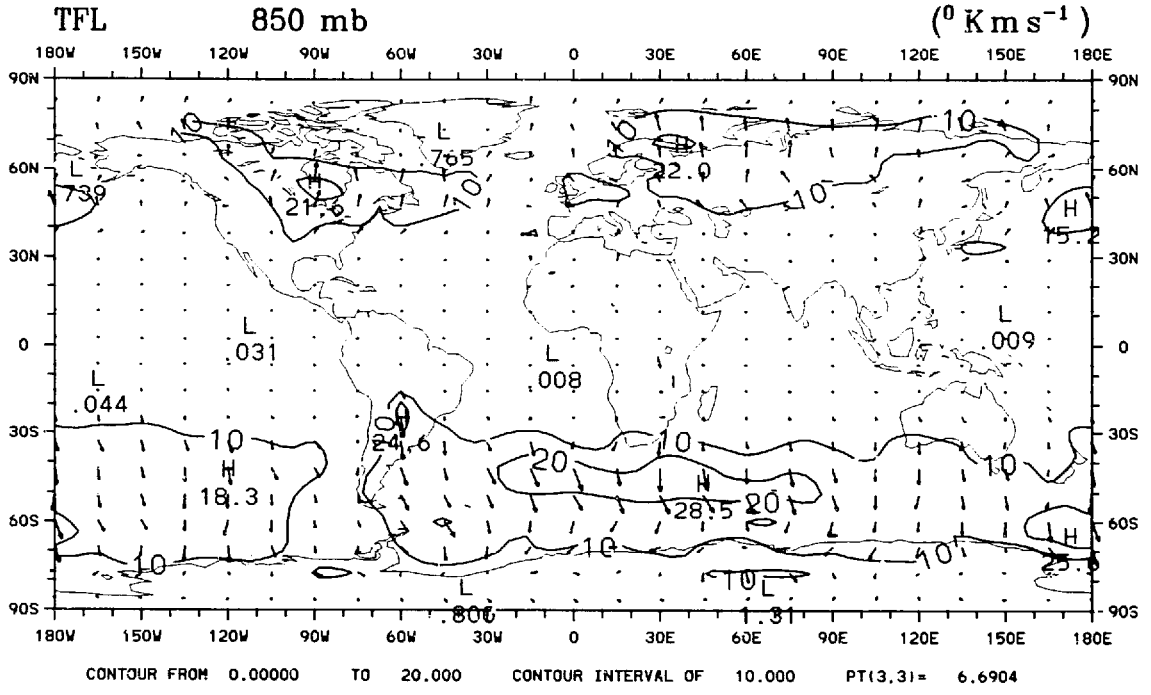
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

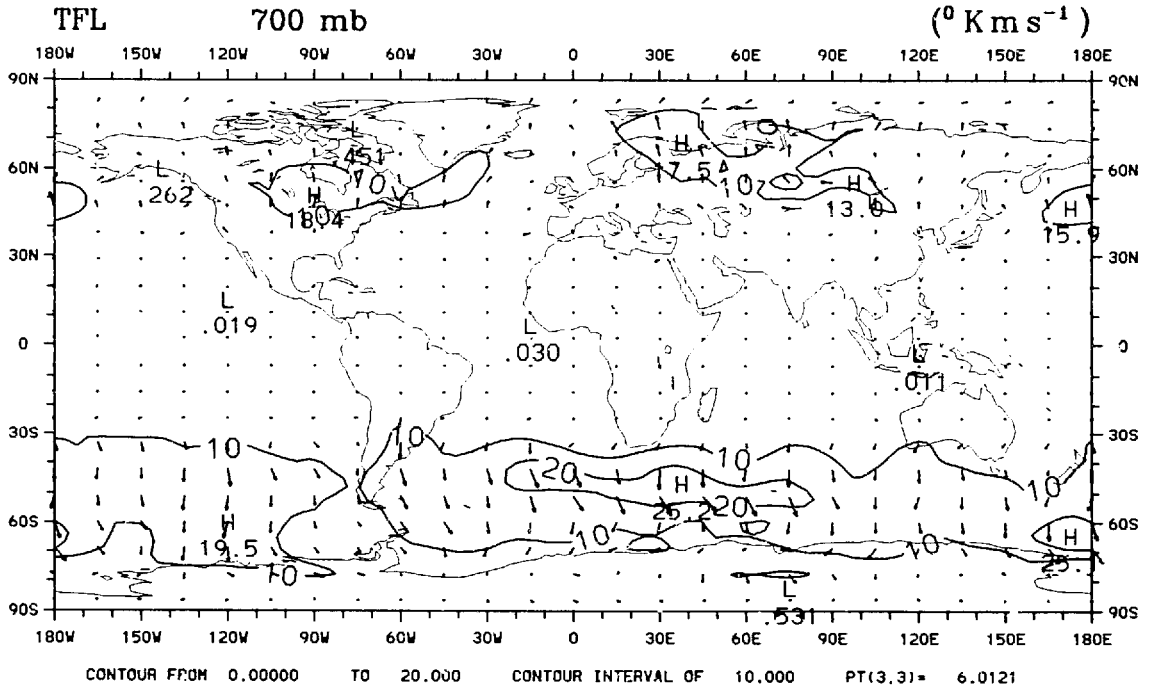
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.73

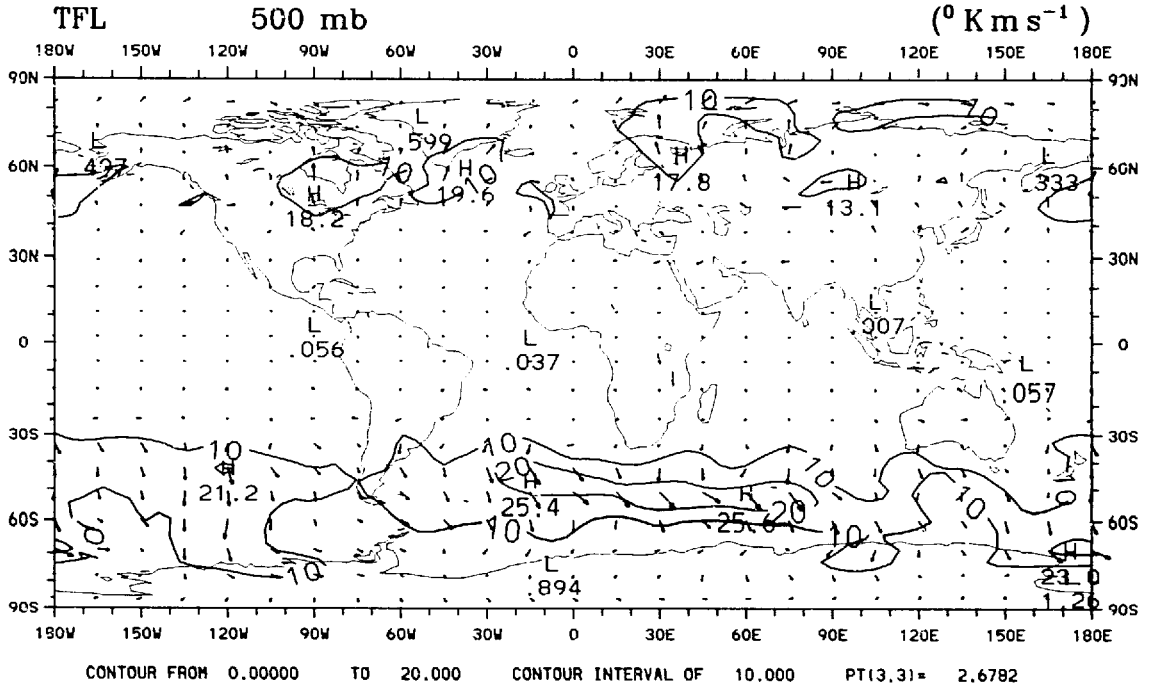
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.74

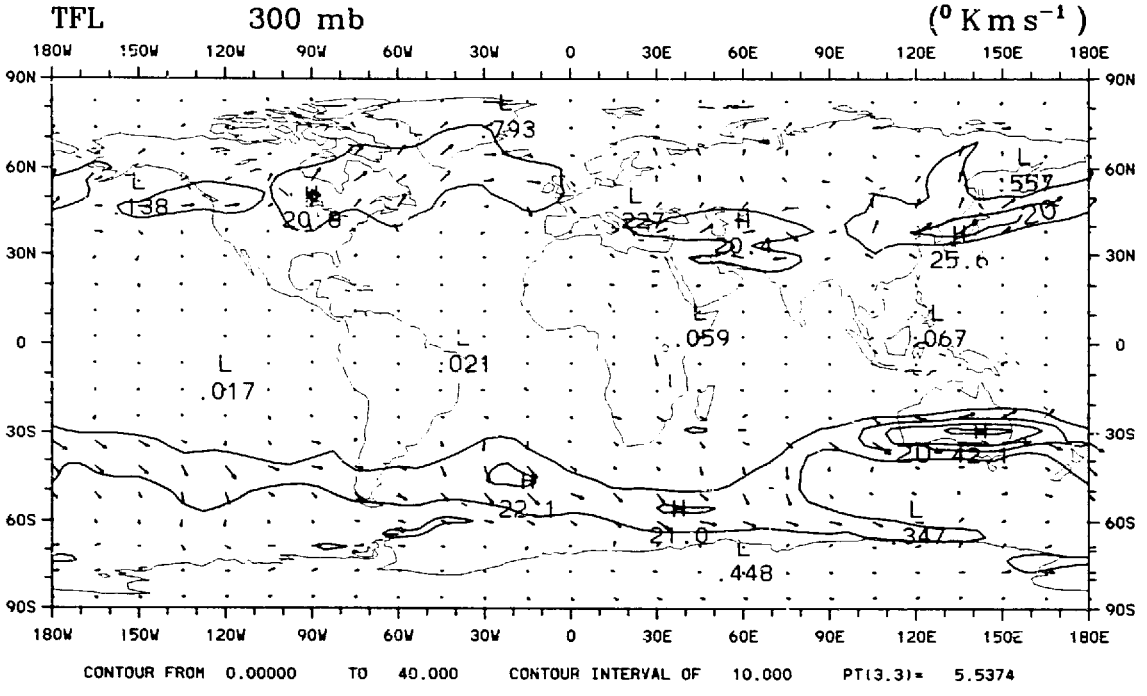
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.75

0.500E+02 ⟶
SCALING VECTOR

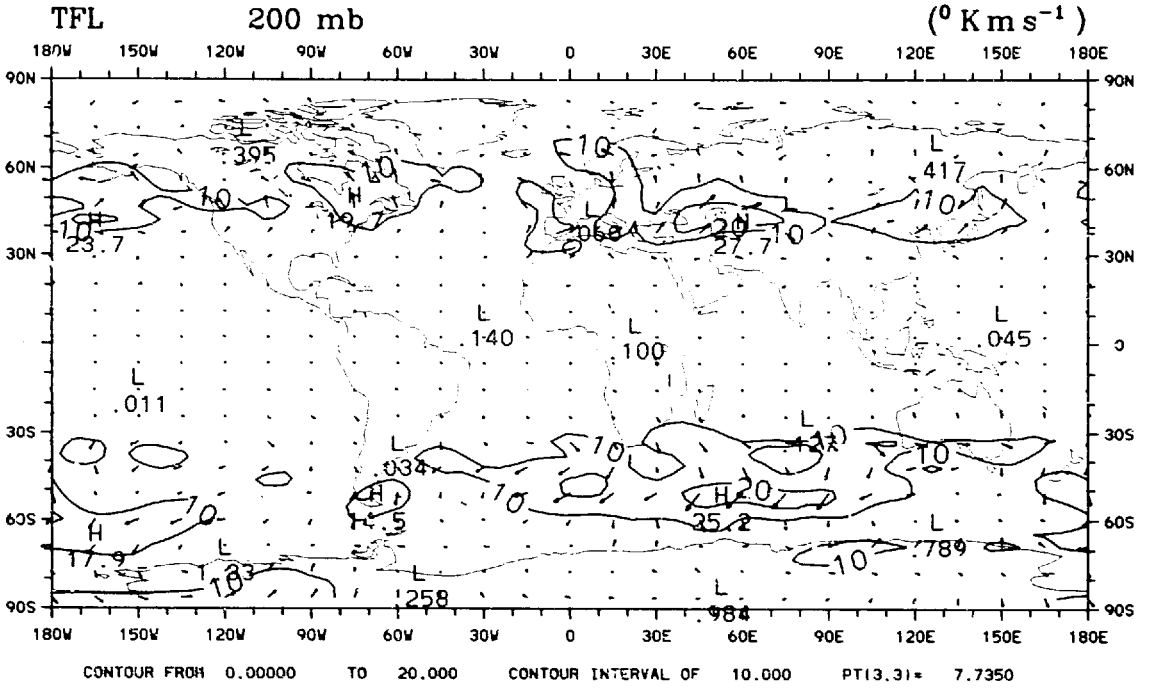
EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

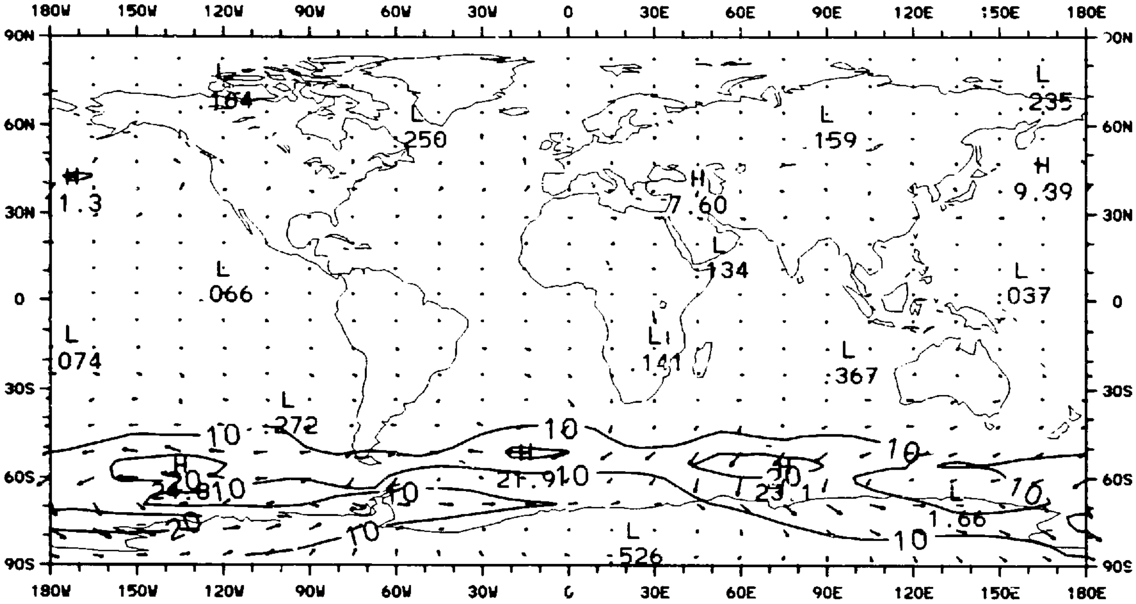



0.500E+02 →
SCALING VECTOR

FRAME 2.77

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

TFL 100 mb ($^0$ K m s$^{-1}$)

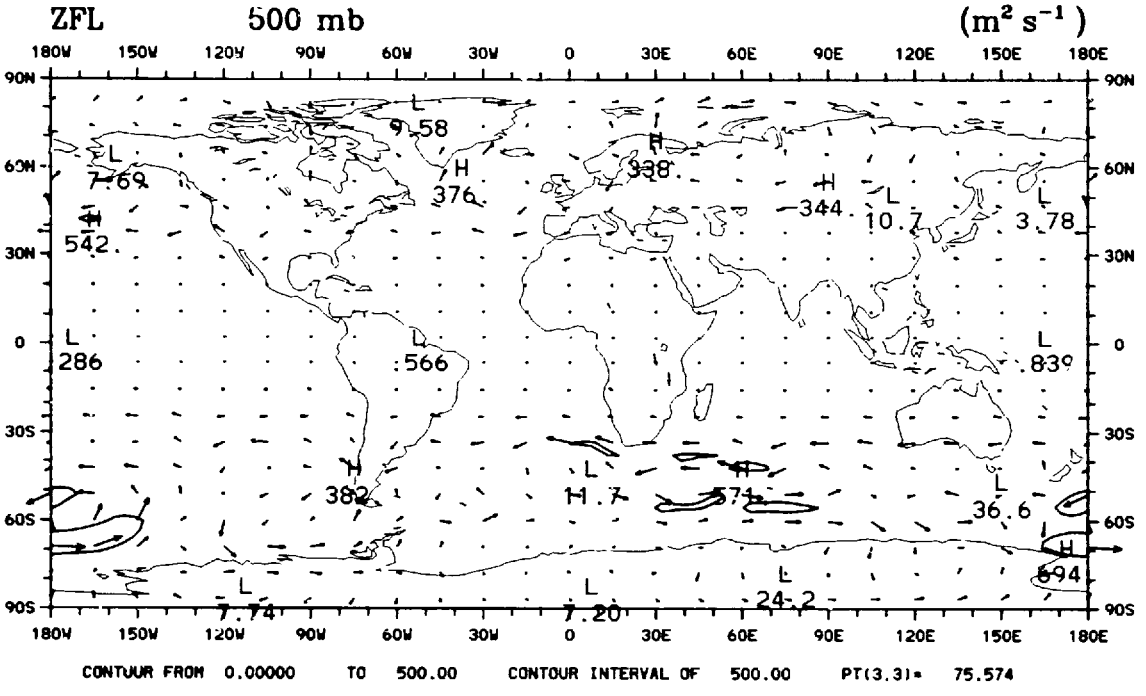


CONTOUR FROM 0.00000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 21.899

0.500E+02 →
SCALING VECTOR

FRAME 2.78

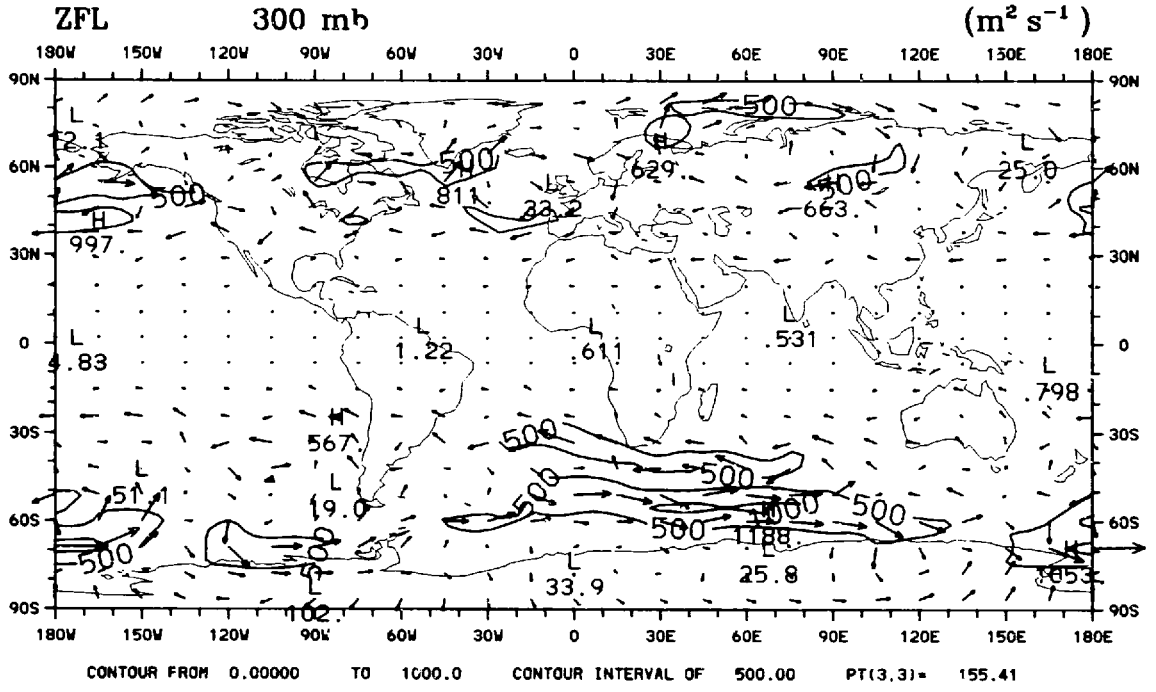
EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

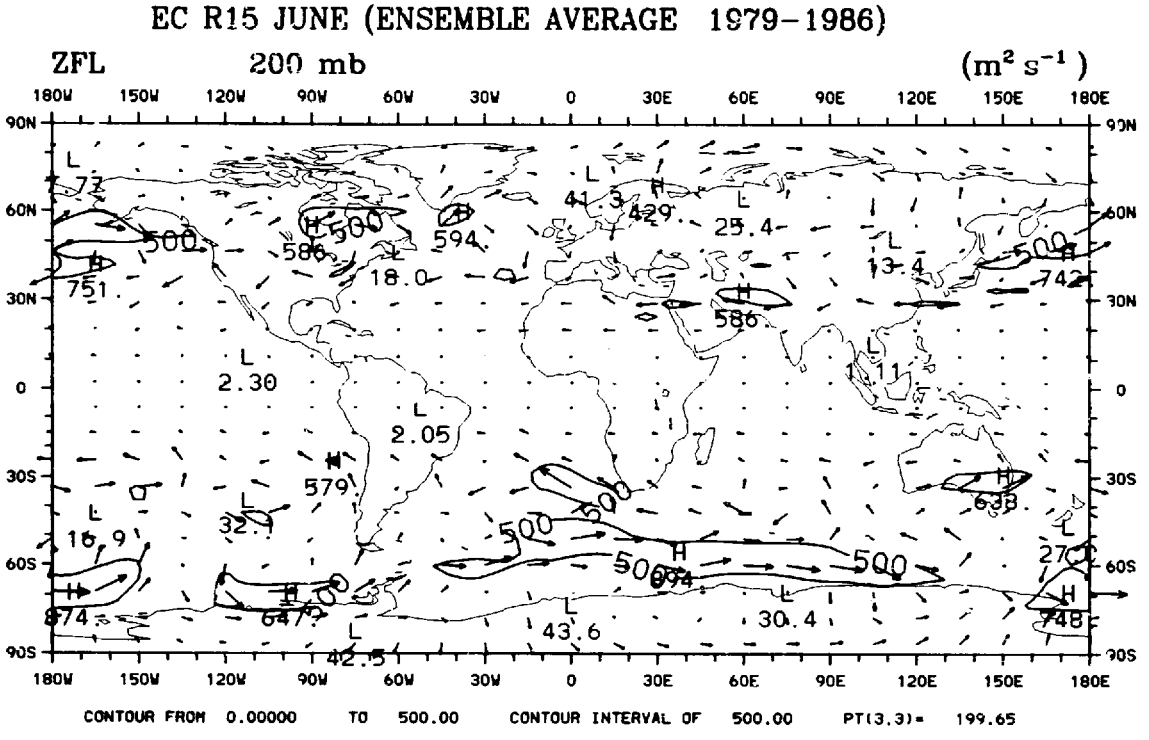
FRAME 2.79

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 ⟶
SCALING VECTOR

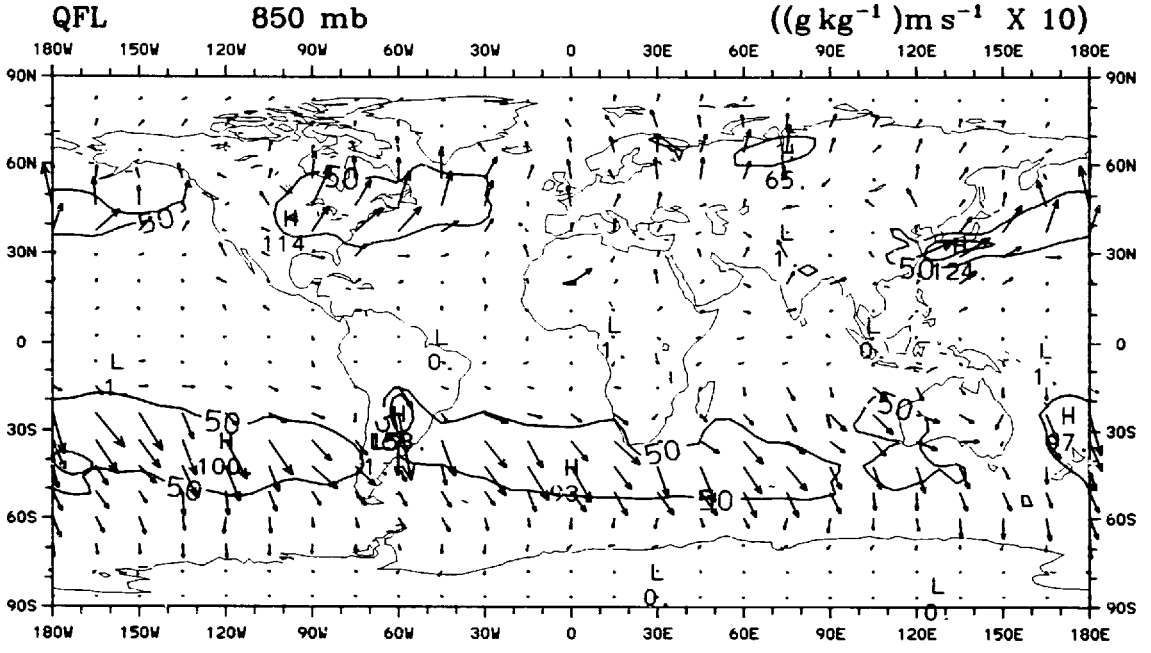
FRAME 2.80




0.100E+04 →
SCALING VECTOR

FRAME 2.81

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

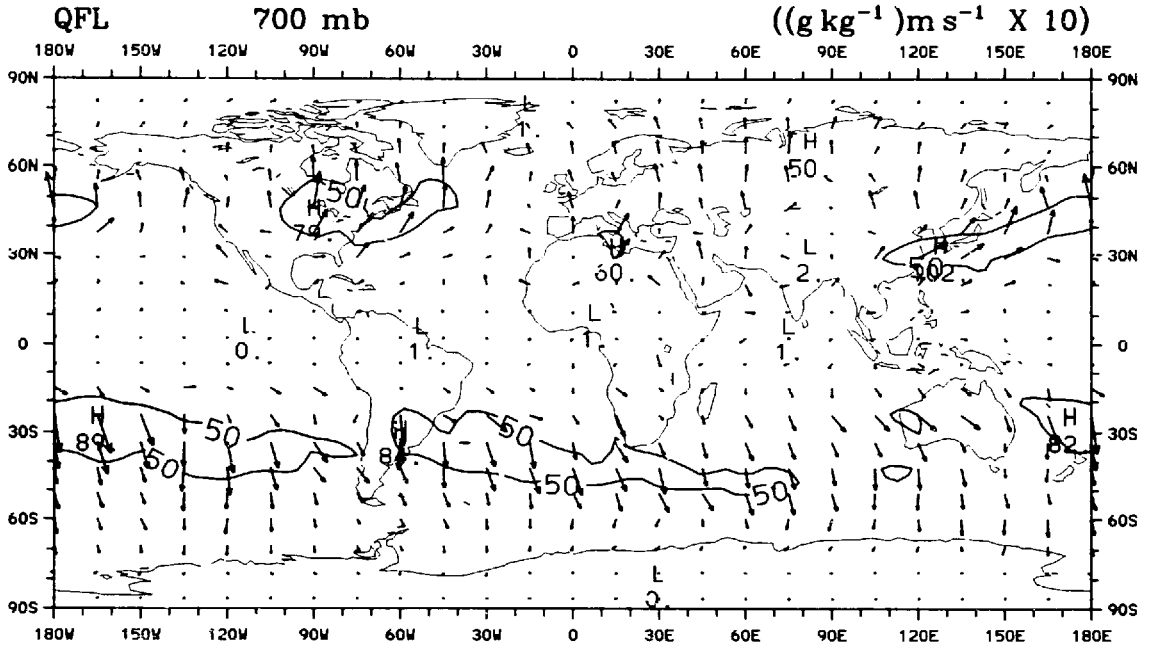



CONTOUR FROM 0.00000 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.88562E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.82

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

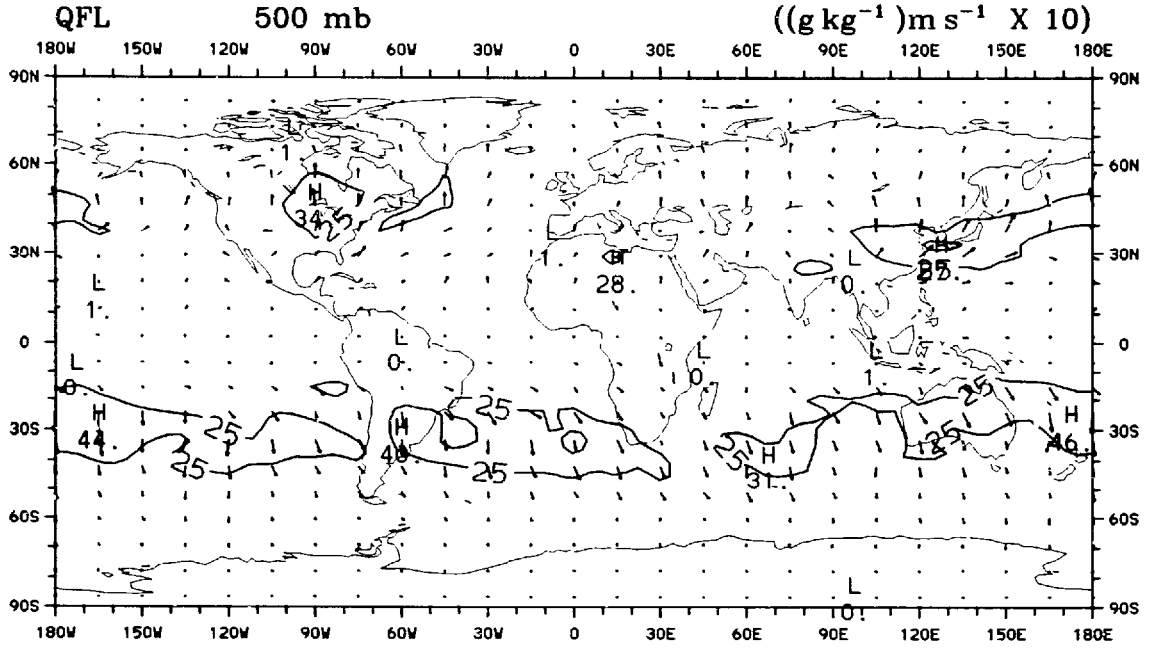



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.79801E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.83

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.27570E-03 LABELS SCALED BY 10000.

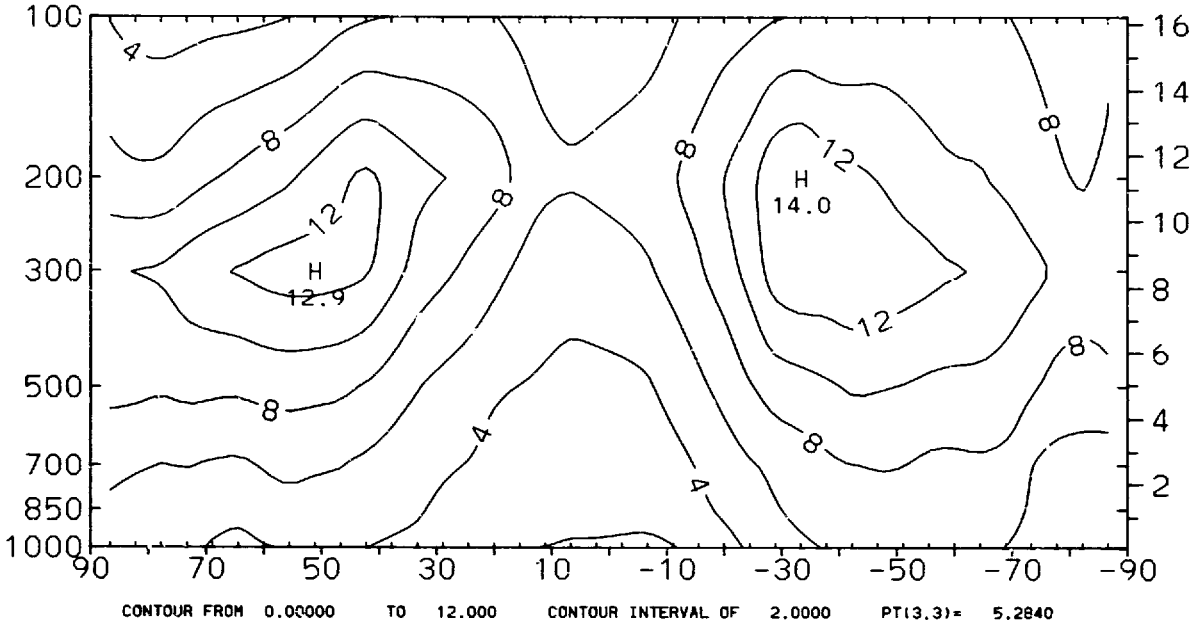
0.100E-01 →
SCALING VECTOR

FRAME 2.84

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

SDU

($m\,s^{-1}$)

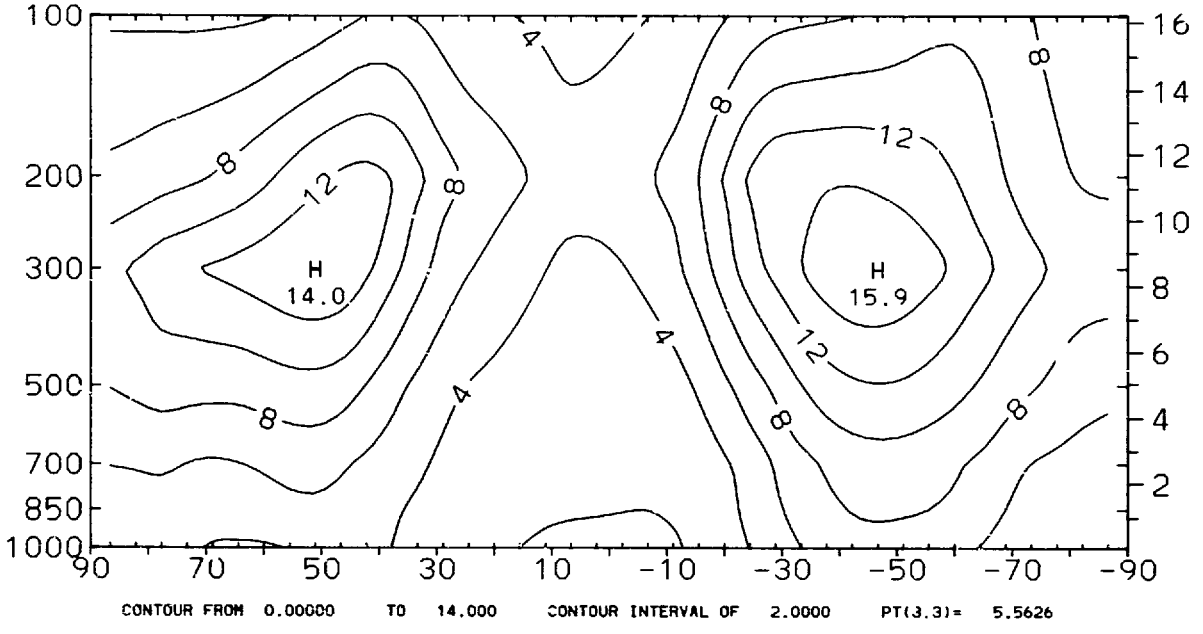



CONTOUR FROM 0.00000 TO 12.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.2840

FRAME 2.85

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

SDV (m s$^{-1}$)



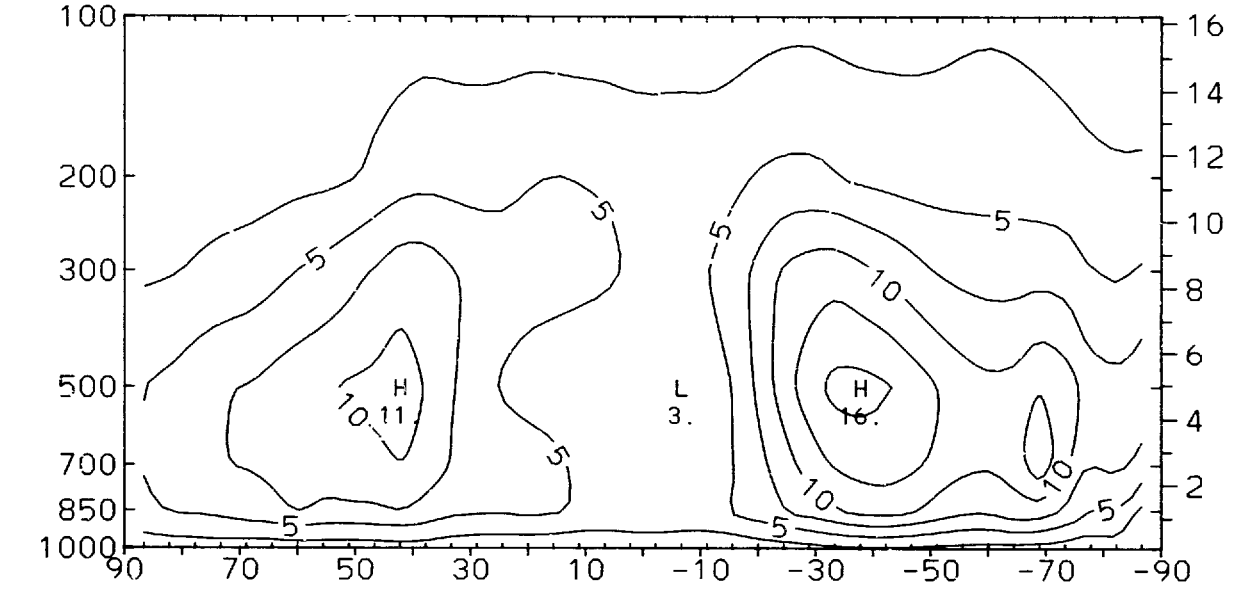

CONTOUR FROM 0.00000 TO 14.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.5626

FRAME 2.86

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

SDW

($mb\,s^{-1}$ X $10^4$)

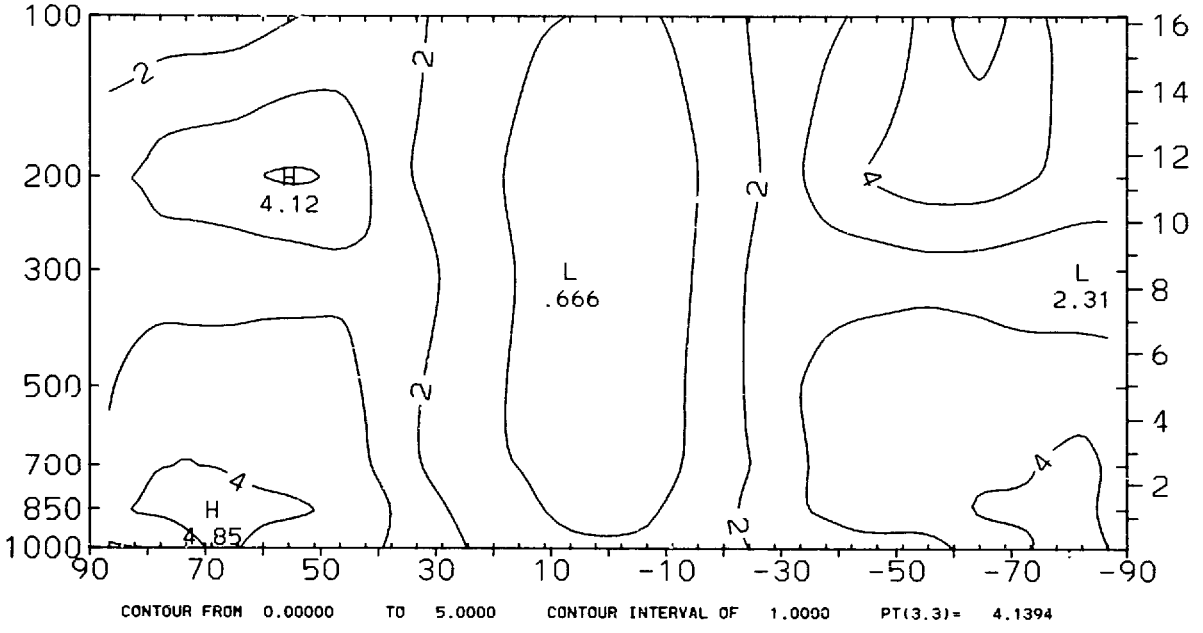



CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.74691E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

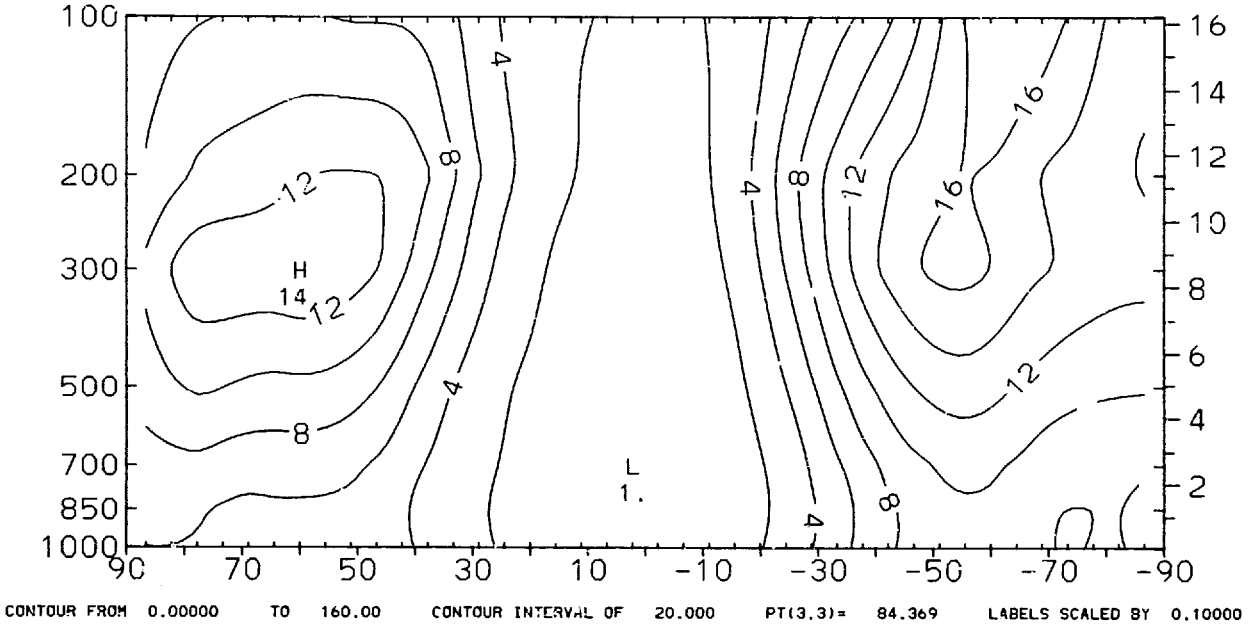
SDT ($^0$ K)




FRAME 2.88

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

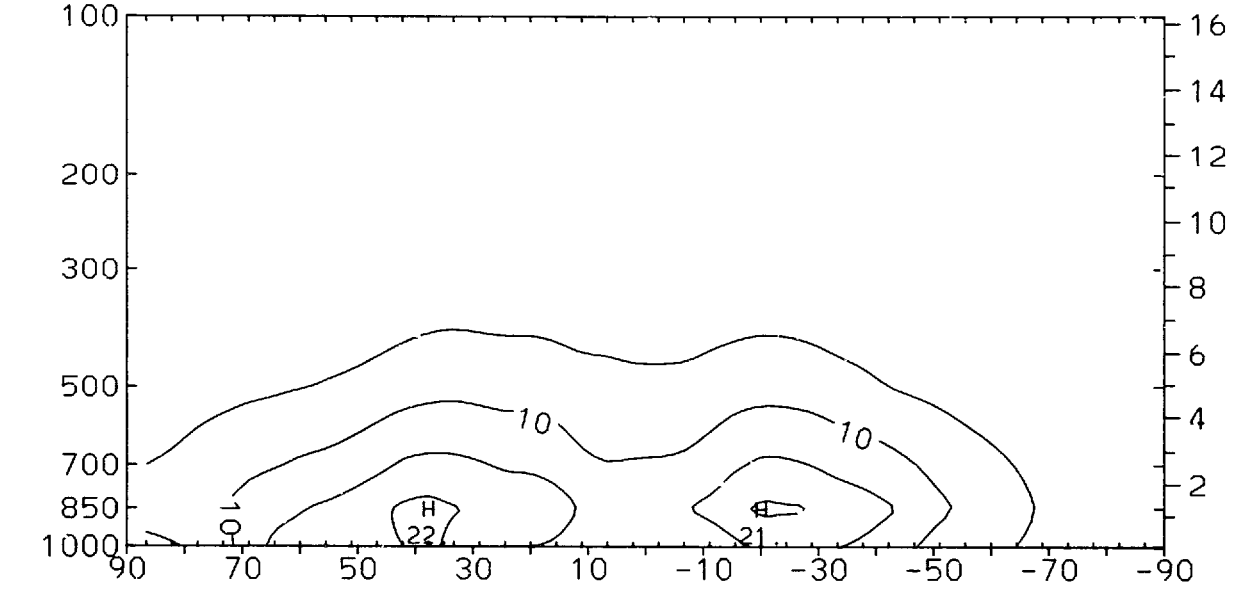



CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 84.369 LABELS SCALED BY 0.10000

FRAME 2.99

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

SDQ (g kg$^{-1}$ X 10)

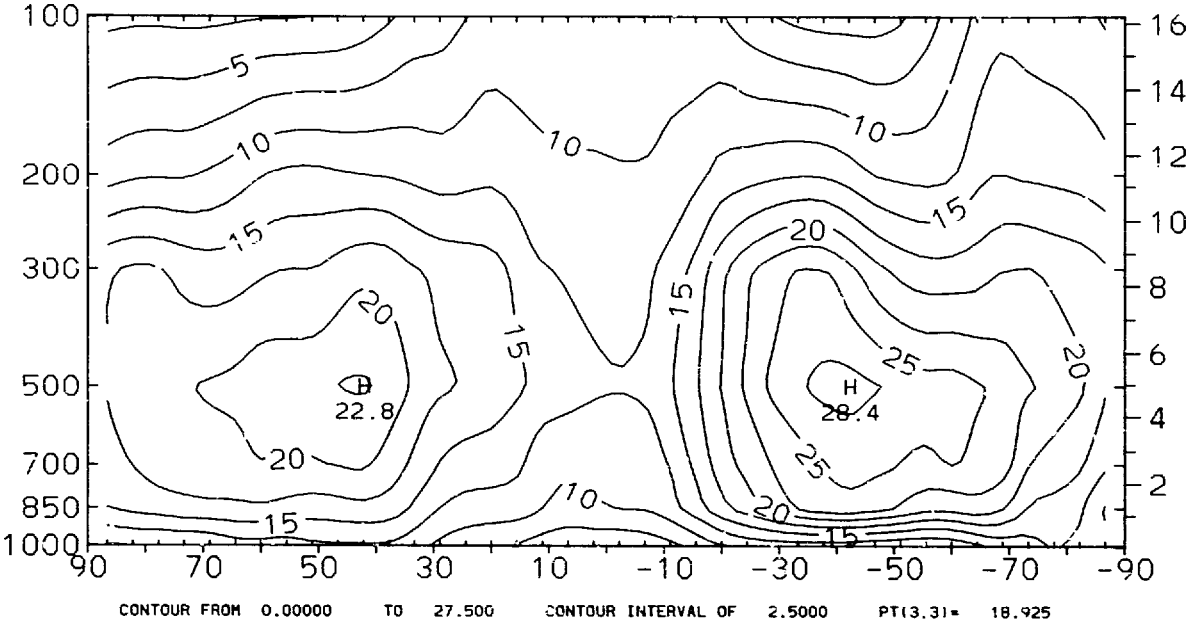



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.17123E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

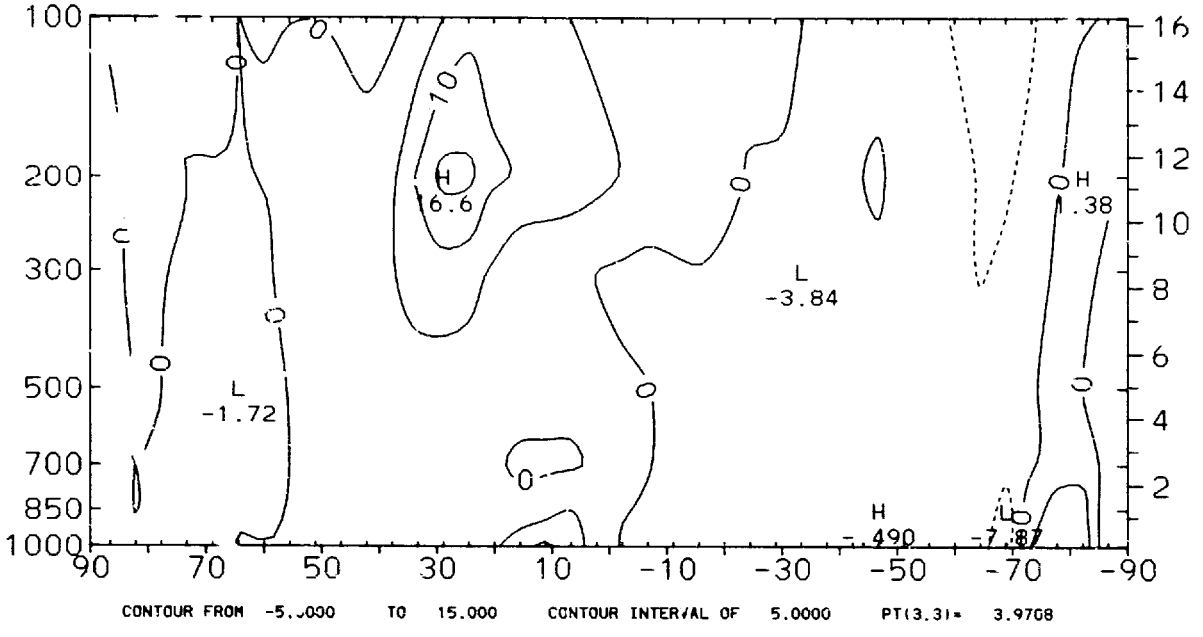
SDRH (%)




FRAME 2.91

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

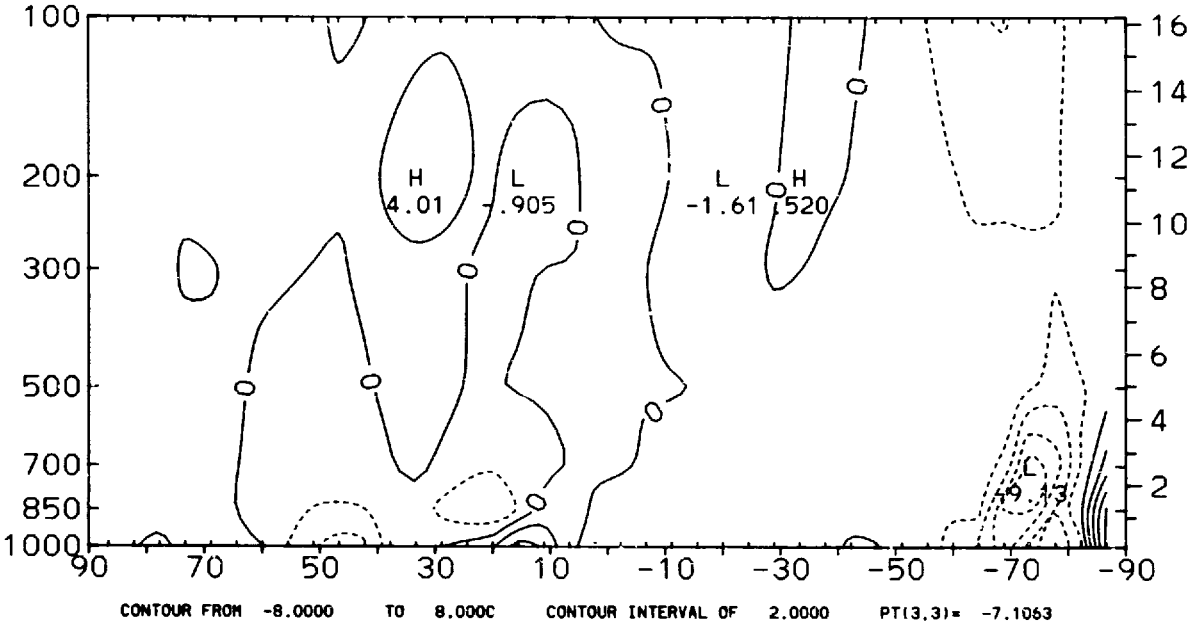
UVS ($m^2 s^{-2}$)




FRAME 2.92

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

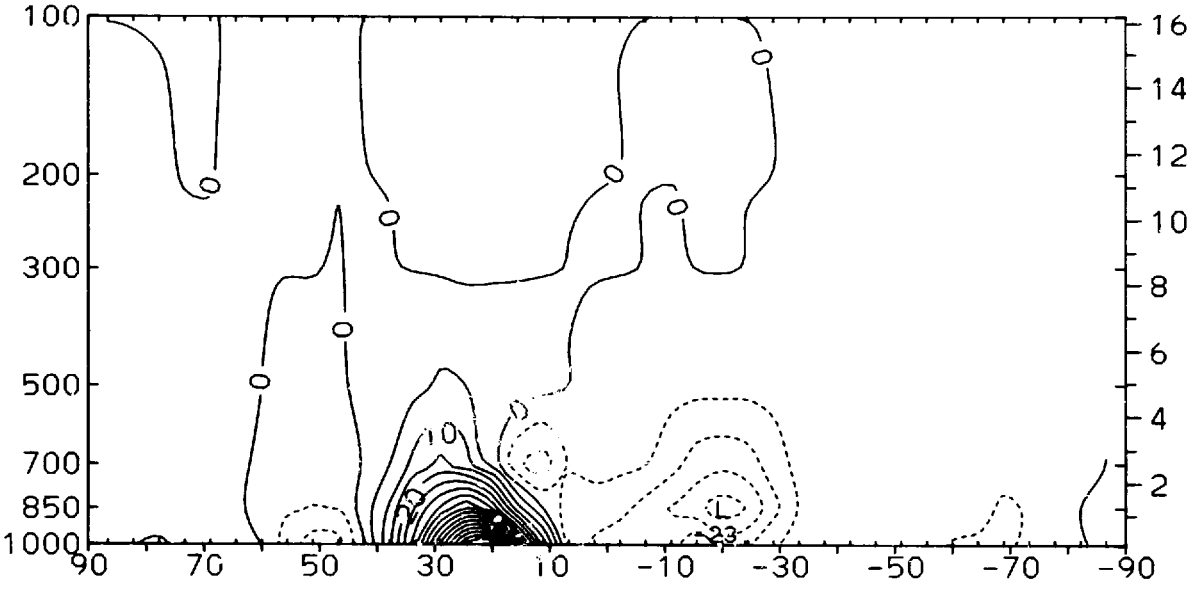
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 JUNE (ENSEMBLE AVERAGE 1979–1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

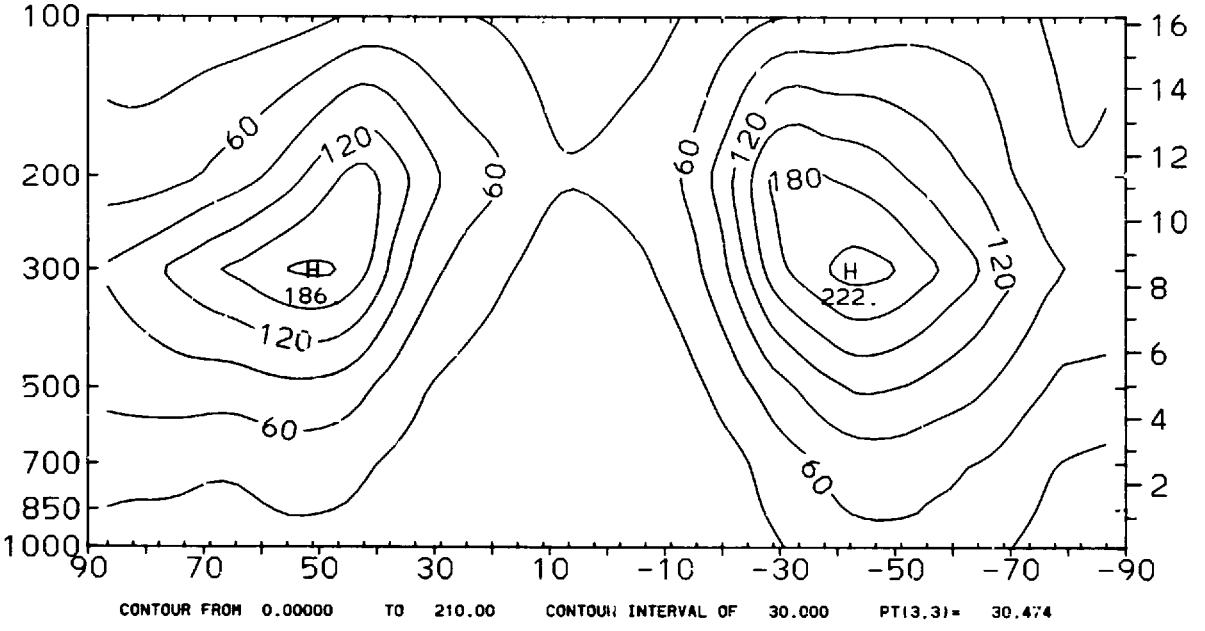



CONTOUR FROM -0.20000E-02 TO 0.90000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.20341E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 JUNE (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




CONTOUR FROM 0.00000 TO 210.00 CONTOUR INTERVAL OF 30.000 PT(3,3)= 30.474

FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 1000.0P | A | 546.0 TO 3103.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 850.0P | A | 546.0 TO 3103.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 700.0P | A | 546.0 TO 3103.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 500.0P | A | 546.0 TO 3103.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 300.0P | A | 546.0 TO 3103.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 200.0P | A | 546.0 TO 3103.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 100.0P | A | 546.0 TO 3103.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 1000.0P | A | 546.0 TO 3103.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 850.0P | A | 546.0 TO 3103.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 700.0P | A | 546.0 TO 3103.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 500.0P | A | 546.0 TO 3103.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 300.0P | A | 546.0 TO 3103.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 200.0P | A | 546.0 TO 3103.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 100.0P | A | 546.0 TO 3103.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 1000.0P | A | 546.0 TO 3103.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 850.0P | A | 546.0 TO 3103.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 700.0P | A | 546.0 TO 3103.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 500.0P | A | 546.0 TO 3103.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 300.0P | A | 546.0 TO 3103.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 200.0P | A | 546.0 TO 3103.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 100.0P | A | 546.0 TO 3103.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 1000.0P | A | 546.0 TO 3103.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 850.0P | A | 546.0 TO 3103.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 700.0P | A | 546.0 TO 3103.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 500.0P | A | 546.0 TO 3103.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 300.0P | A | 546.0 TO 3103.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 200.0P | A | 546.0 TO 3103.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 100.0P | A | 546.0 TO 3103.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 1000.0P | A | 546.0 TO 3103.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 850.0P | A | 546.0 TO 3103.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 700.0P | A | 546.0 TO 3103.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 500.0P | A | 546.0 TO 3103.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 300.0P | A | 546.0 TO 3103.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 200.0P | A | 546.0 TO 3103.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 100.0P | A | 546.0 TO 3103.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 1000.0P | A | 546.0 TO 3103.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 850.0P | A | 546.0 TO 3103.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 700.0P | A | 546.0 TO 3103.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 500.0P | A | 546.0 TO 3103.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 300.0P | A | 546.0 TO 3103.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 1000.0P | A | 546.0 TO 3103.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 850.0P | A | 546.0 TO 3103.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 700.0P | A | 546.0 TO 3103.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 500.0P | A | 546.0 TO 3103.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 300.0P | A | 546.0 TO 3103.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 200.0P | A | 546.0 TO 3103.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 100.0P | A | 546.0 TO 3103.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 1000.0P | A | 546.0 TO 3103.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 850.0P | A | 546.0 TO 3103.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 700.0P | A | 546.0 TO 3103.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 500.0P | A | 546.0 TO 3103.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 300.0P | A | 546.0 TO 3103.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 200.0P | A | 546.0 TO 3103.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 100.0P | A | 546.0 TO 3103.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 850.0P | A | 546.0 TO 3103.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 700.0P | A | 546.0 TO 3103.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 500.0P | A | 546.0 TO 3103.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 300.0P | A | 546.0 TO 3103.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WTP | 200.0P | A | 546.0 TO 3103.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 850.0P | A | 546.0 TO 3103.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 700.0P | A | 546.0 TO 3103.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 500.0P | A | 546.0 TO 3103.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 300.0P | A | 546.0 TO 3103.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UZP | 200.0P | A | 546.0 TO 3103.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 850.0P | A | 546.0 TO 3103.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 700.0P | A | 546.0 TO 3103.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 500.0P | A | 546.0 TO 3103.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 300.0P | A | 546.0 TO 3103.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VZP | 200.0P | A | 546.0 TO 3103.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 850.0P | A | 546.0 TO 3103.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 700.0P | A | 546.0 TO 3103.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 500.0P | A | 546.0 TO 3103.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 300.0P | A | 546.0 TO 3103.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WZP | 200.0P | A | 546.0 TO 3103.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 850.0P | A | 546.0 TO 3103.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 700.0P | A | 546.0 TO 3103.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 500.0P | A | 546.0 TO 3103.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UQP | 300.0P | A | 546.0 TO 3103.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 850.0P | A | 546.0 TO 3103.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 700.0P | A | 546.0 TO 3103.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 500.0P | A | 546.0 TO 3103.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VQP | 300.0P | A | 546.0 TO 3103.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 850.0P | A | 546.0 TO 3103.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 700.0P | A | 546.0 TO 3103.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 500.0P | A | 546.0 TO 3103.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | WQP | 300.0P | A | 546.0 TO 3103.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 1000.P | A | 546.0 TO 3103.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 850.0P | A | 546.0 TO 3103.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 700.0P | A | 546.0 TO 3103.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 500.0P | A | 546.0 TO 3103.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 300.0P | A | 546.0 TO 3103.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 200.0P | A | 546.0 TO 3103.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UVP | 100.0P | A | 546.0 TO 3103.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 850.0P | A | 546.0 TO 3103.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 700.0P | A | 546.0 TO 3103.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 500.0P | A | 546.0 TO 3103.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 300.0P | A | 546.0 TO 3103.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UWP | 200.0P | A | 546.0 TO 3103.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 850.0P | A | 546.0 TO 3103.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 700.0P | A | 546.0 TO 3103.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 500.0P | A | 546.0 TO 3103.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 300.0P | A | 546.0 TO 3103.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VWP | 200.0P | A | 546.0 TO 3103.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | PS | 1000.S | A | 546.0 TO 3103.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 1000.P | A | 546.0 TO 3103.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 850.0P | A | 546.0 TO 3103.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 700.0P | A | 546.0 TO 3103.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 500.0P | A | 546.0 TO 3103.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | RH | 300.0P | A | 546.0 TO 3103.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 546.0 TO 3103.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 546.0 TO 3103.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 1000.P | A | 546.0 TO 3103.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 850.0P | A | 546.0 TO 3103.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 700.0P | A | 546.0 TO 3103.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 500.0P | A | 546.0 TO 3103.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 300.0P | A | 546.0 TO 3103.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 200.0P | A | 546.0 TO 3103.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDU | 100.0P | A | 546.0 TO 3103.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 1000.P | A | 546.0 TO 3103.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 850.0P | A | 546.0 TO 3103.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 700.0P | A | 546.0 TO 3103.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 500.0P | A | 546.0 TO 3103.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 300.0P | A | 546.0 TO 3103.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 200.0P | A | 546.0 TO 3103.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDV | 100.0P | A | 546.0 TO 3103.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 850.0P | A | 546.0 TO 3103.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 700.0P | A | 546.0 TO 3103.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 500.0P | A | 546.0 TO 3103.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 300.0P | A | 546.0 TO 3103.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDW | 200.0P | A | 546.0 TO 3103.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 1000.P | A | 546.0 TO 3103.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 850.0P | A | 546.0 TO 3103.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 700.0P | A | 546.0 TO 3103.0 |

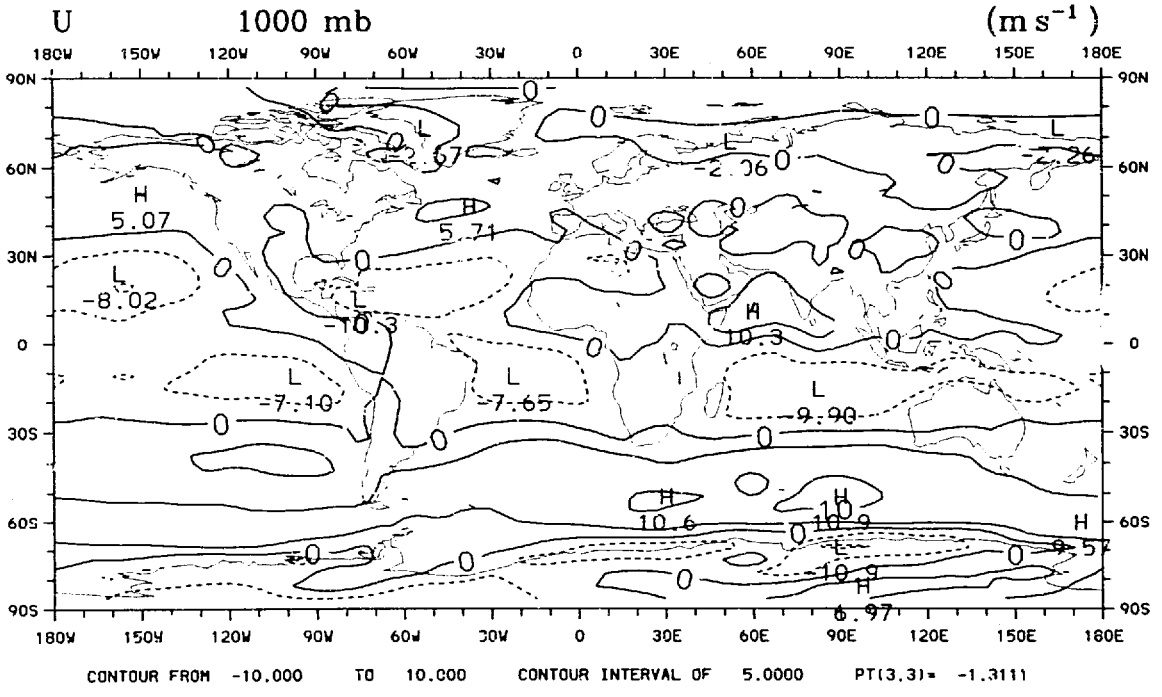
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 500.0P | A | 546.0 TO 3103.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 300.0P | A | 546.0 TO 3103.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 200.0P | A | 546.0 TO 3103.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 100.0P | A | 546.0 TO 3103.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 1000.P | A | 546.0 TO 3103.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 850.0P | A | 546.0 TO 3103.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 700.0P | A | 546.0 TO 3103.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 500.0P | A | 546.0 TO 3103.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 300.0P | A | 546.0 TO 3103.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 200.0P | A | 546.0 TO 3103.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDZ | 100.0P | A | 546.0 TO 3103.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 850.0P | A | 546.0 TO 3103.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 700.0P | A | 546.0 TO 3103.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 500.0P | A | 546.0 TO 3103.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDQ | 300.0P | A | 546.0 TO 3103.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 850.0P | A | 546.0 TO 3103.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 700.0P | A | 546.0 TO 3103.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 500.0P | A | 546.0 TO 3103.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDRH | 300.0P | A | 546.0 TO 3103.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 1000.P | A | 546.0 TO 3103.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 850.0P | A | 546.0 TO 3103.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 700.0P | A | 546.0 TO 3103.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 500.0P | A | 546.0 TO 3103.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 300.0P | A | 546.0 TO 3103.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 200.0P | A | 546.0 TO 3103.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | TS | 100.0P | A | 546.0 TO 3103.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 1000.P | A | 546.0 TO 3103.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 850.0P | A | 546.0 TO 3103.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 700.0P | A | 546.0 TO 3103.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 500.0P | A | 546.0 TO 3103.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 300.0P | A | 546.0 TO 3103.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 200.0P | A | 546.0 TO 3103.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZS | 100.0P | A | 546.0 TO 3103.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 850.0P | A | 546.0 TO 3103.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 700.0P | A | 546.0 TO 3103.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 500.0P | A | 546.0 TO 3103.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | QS | 300.0P | A | 546.0 TO 3103.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | REP | 850.0P | A | 546.0 TO 3103.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | REP | 700.0P | A | 546.0 TO 3103.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | REP | 500.0P | A | 546.0 TO 3103.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | REP | 300.0P | A | 546.0 TO 3103.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | REP | 200.0P | A | 546.0 TO 3103.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 1000.P | A | 546.0 TO 3103.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 850.0P | A | 546.0 TO 3103.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 700.0P | A | 546.0 TO 3103.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 500.0P | A | 546.0 TO 3103.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 300.0P | A | 546.0 TO 3103.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 200.0P | A | 546.0 TO 3103.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | WIND | 100.0P | A | 546.0 TO 3103.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 1000.P | A | 546.0 TO 3103.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 850.0P | A | 546.0 TO 3103.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 700.0P | A | 546.0 TO 3103.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 500.0P | A | 546.0 TO 3103.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 300.0P | A | 546.0 TO 3103.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 200.0P | A | 546.0 TO 3103.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | TFL | 100.0P | A | 546.0 TO 3103.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | ZFL | 500.0P | A | 546.0 TO 3103.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | ZFL | 300.0P | A | 546.0 TO 3103.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | ZFL | 200.0P | A | 546.0 TO 3103.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | QFL | 850.0P | A | 546.0 TO 3103.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | QFL | 700.0P | A | 546.0 TO 3103.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E 90.0S<lat<90.0N | QFL | 500.0P | A | 546.0 TO 3103.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 546.0 TO 3103.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 546.0 TO 3103.0 |

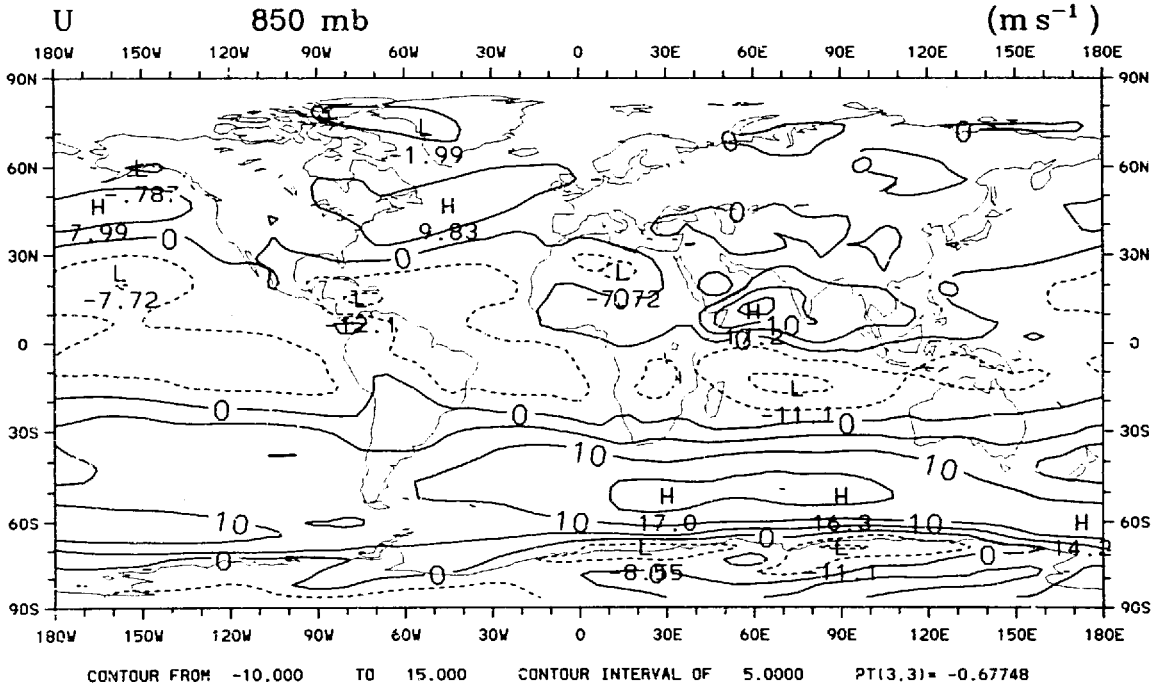
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -1.3111

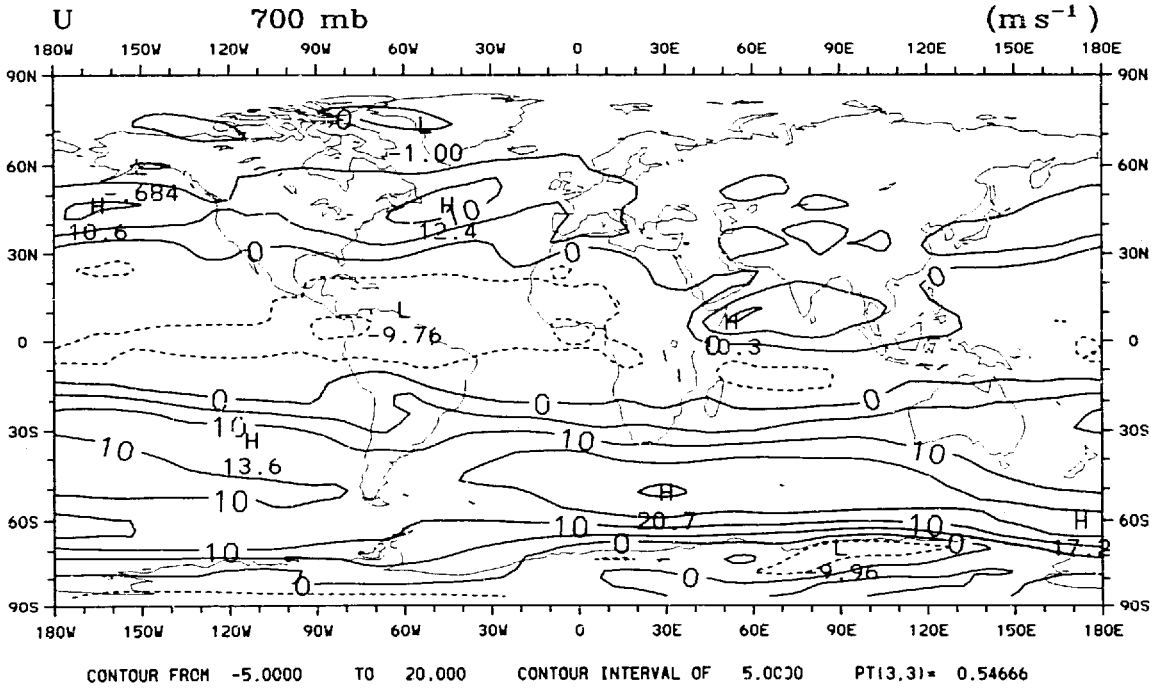
FRAME 1.1

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



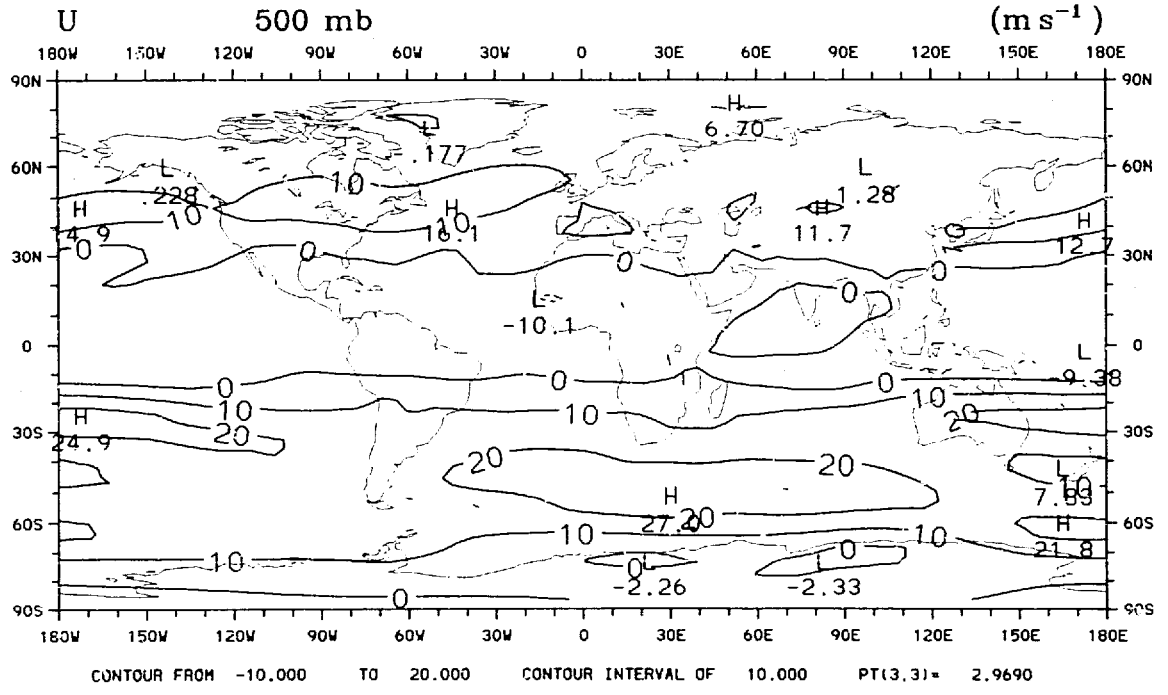

FRAME 1.2

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



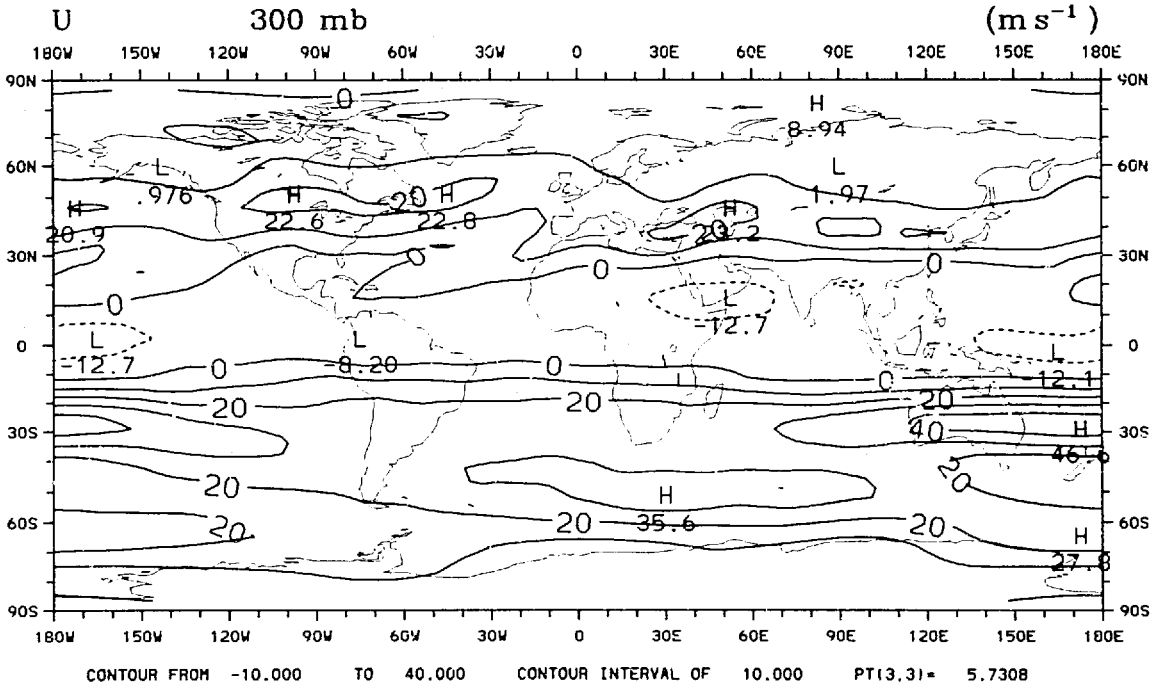

FRAME 1.3

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

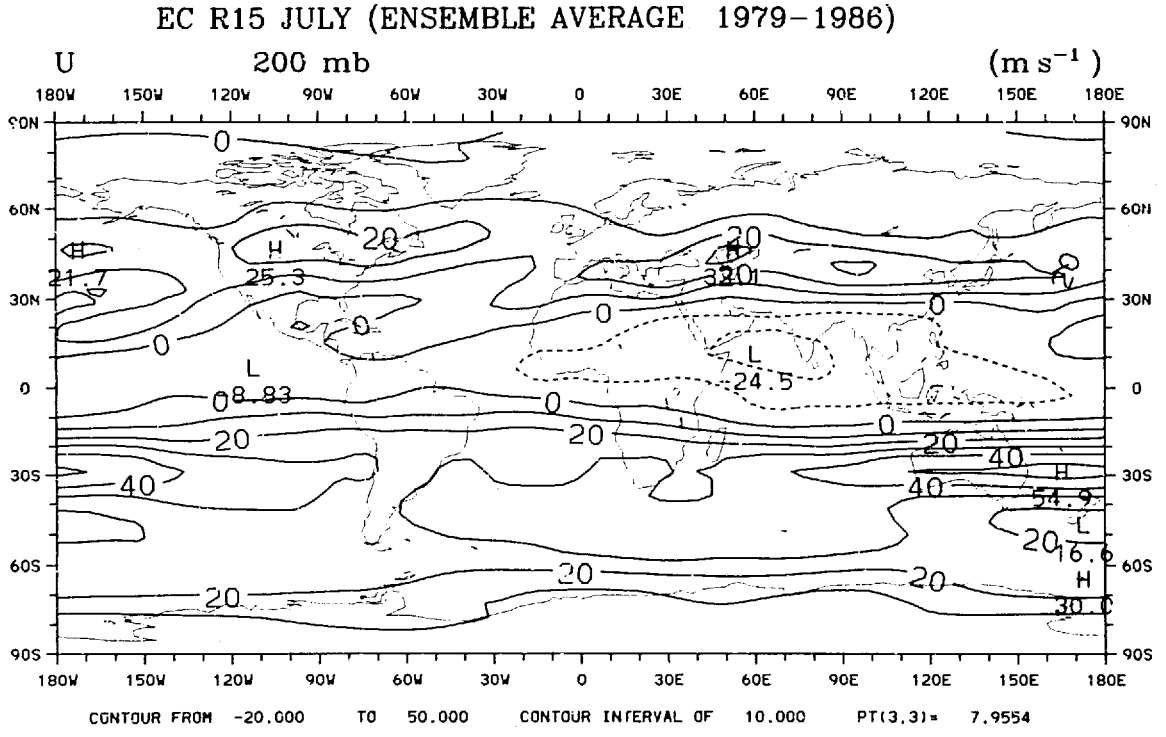



FRAME 1.4

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

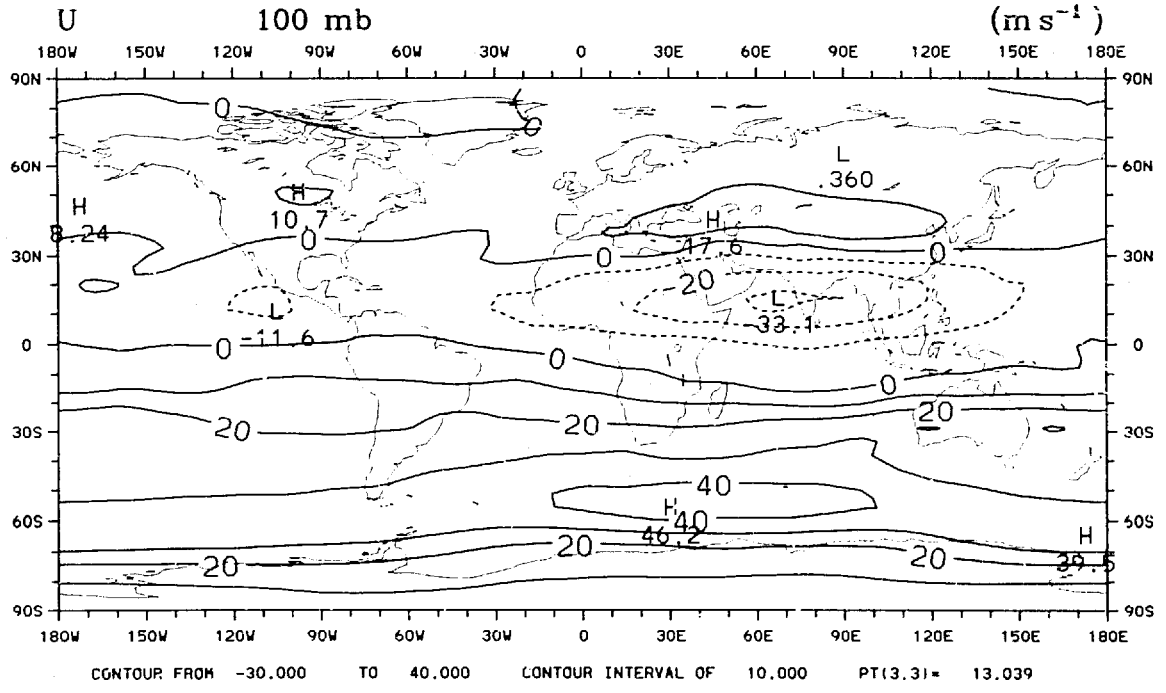



FRAME 1.5


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
U
200 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
0
20
40
H
25.3
21.7
L
8.83
24.5
32.1
54.9
16.6
30.0
CONTOUR FROM -20.000 TO 50.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 7.9554

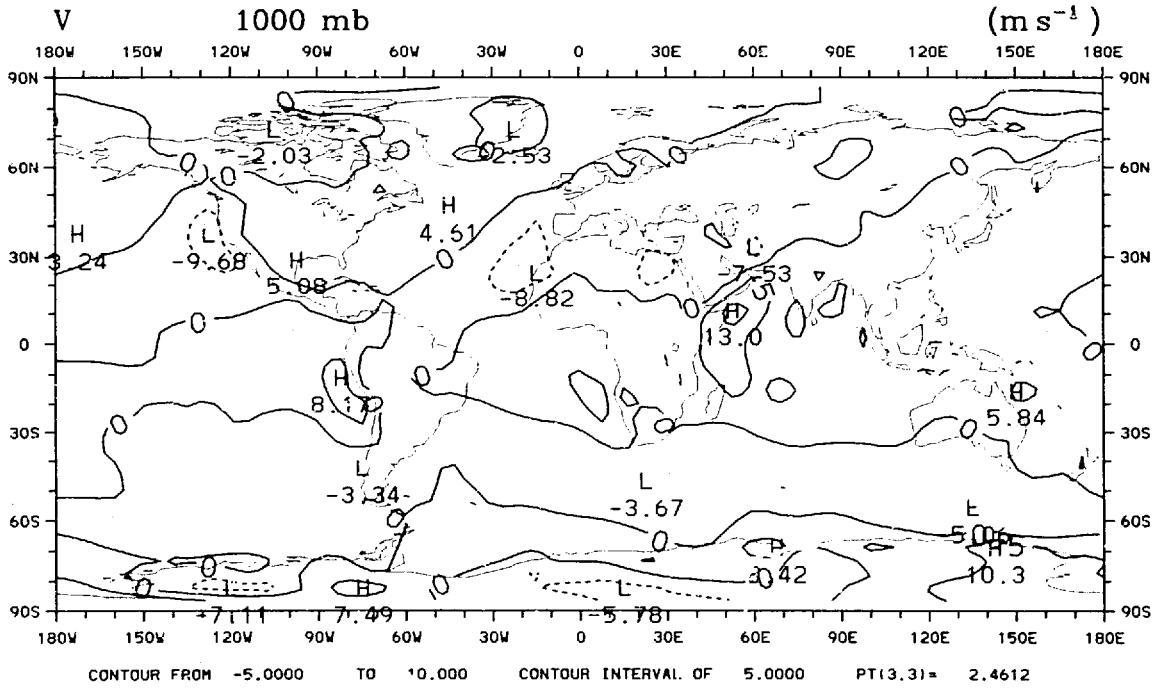
FRAME 1.6

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



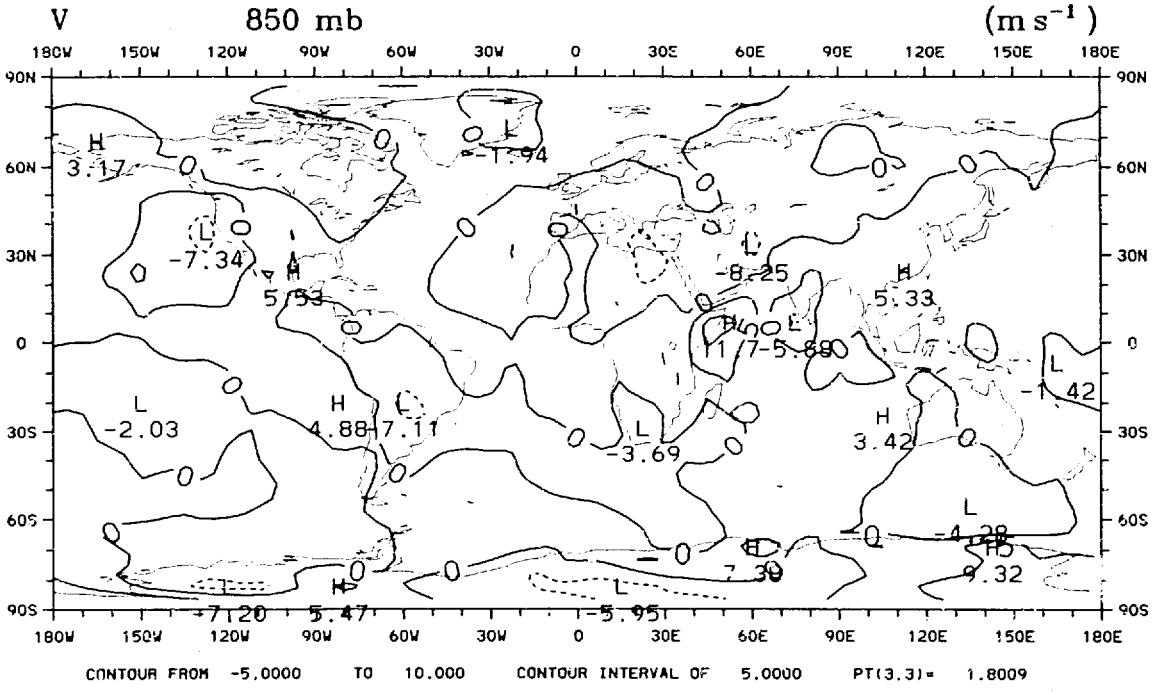

FRAME 1.7

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



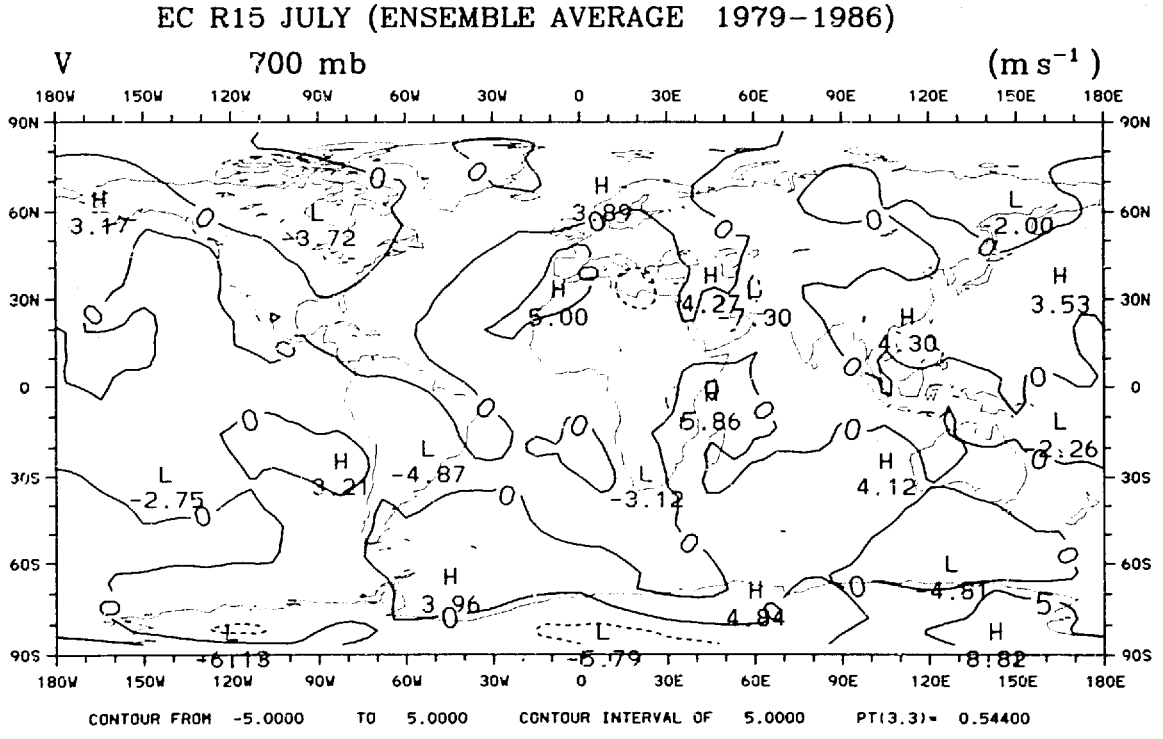

FRAME 1.8

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



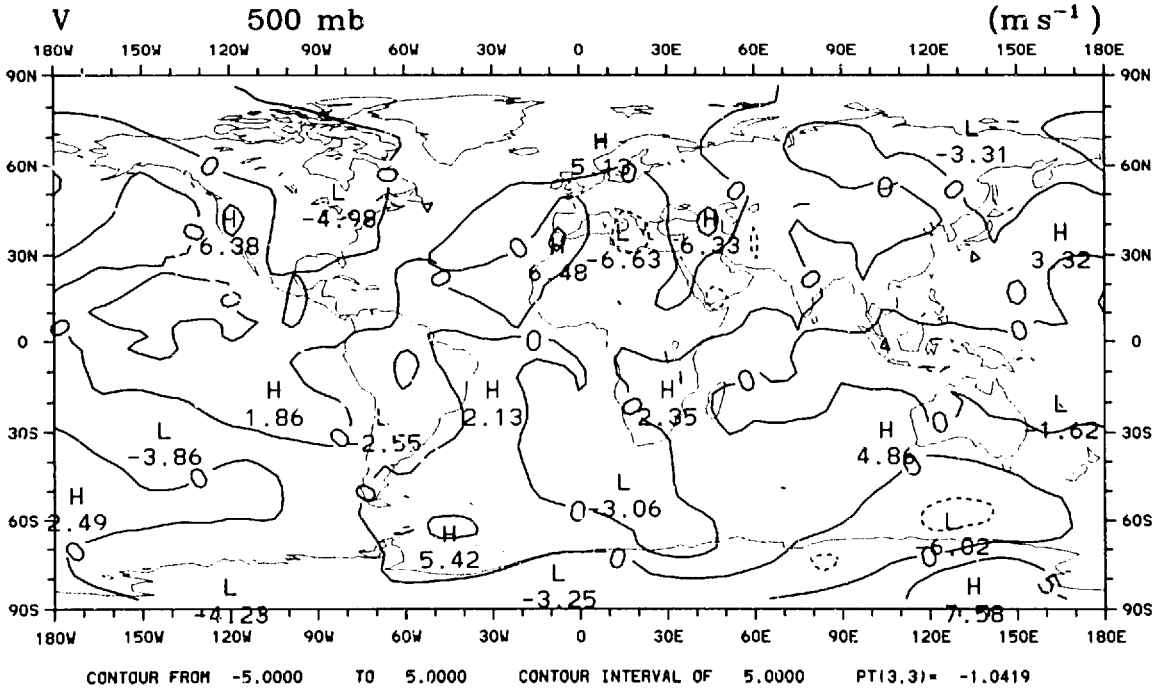

CONTOUR FROM -5.0000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 1.8009

FRAME 1,9


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
V
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 3.17
L -3.72
H 3.89
H 5.00
H 4.27
L -7.30
L 2.00
H 3.53
H 4.30
5.86
L -2.26
L -2.75
H 3.21
L -4.87
L -3.12
H 4.12
H 3.96
H 4.84
L -4.81
+6.18
-5.79
H 8.82
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 0.54400

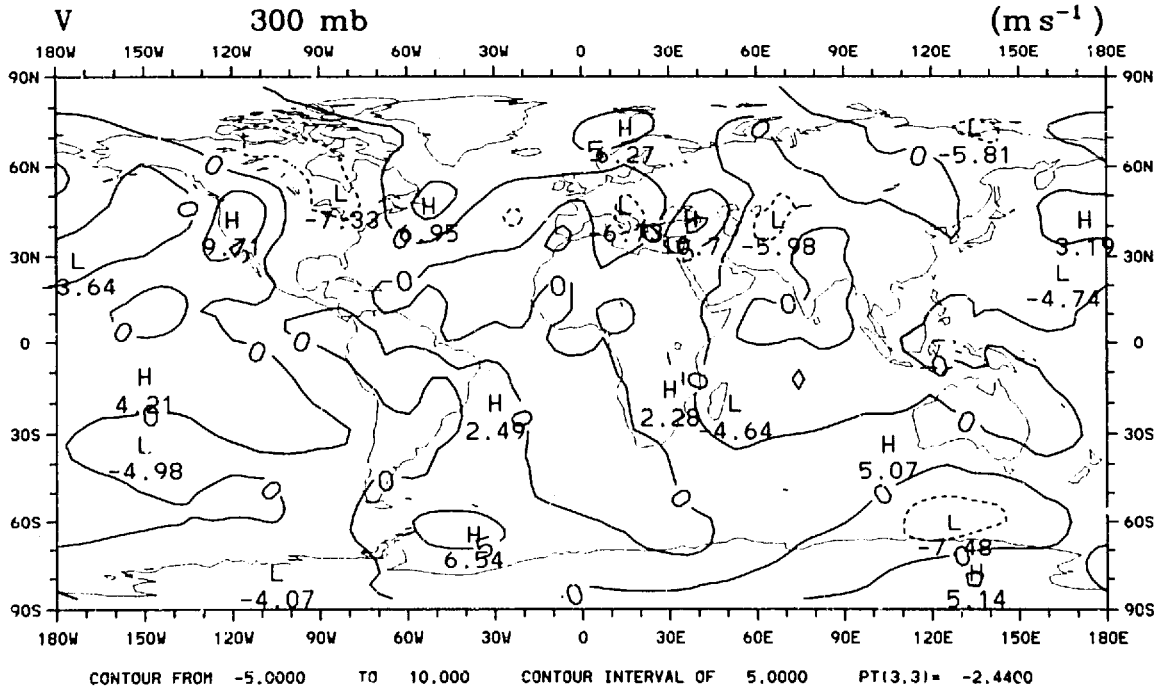
FRAME 1.10

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



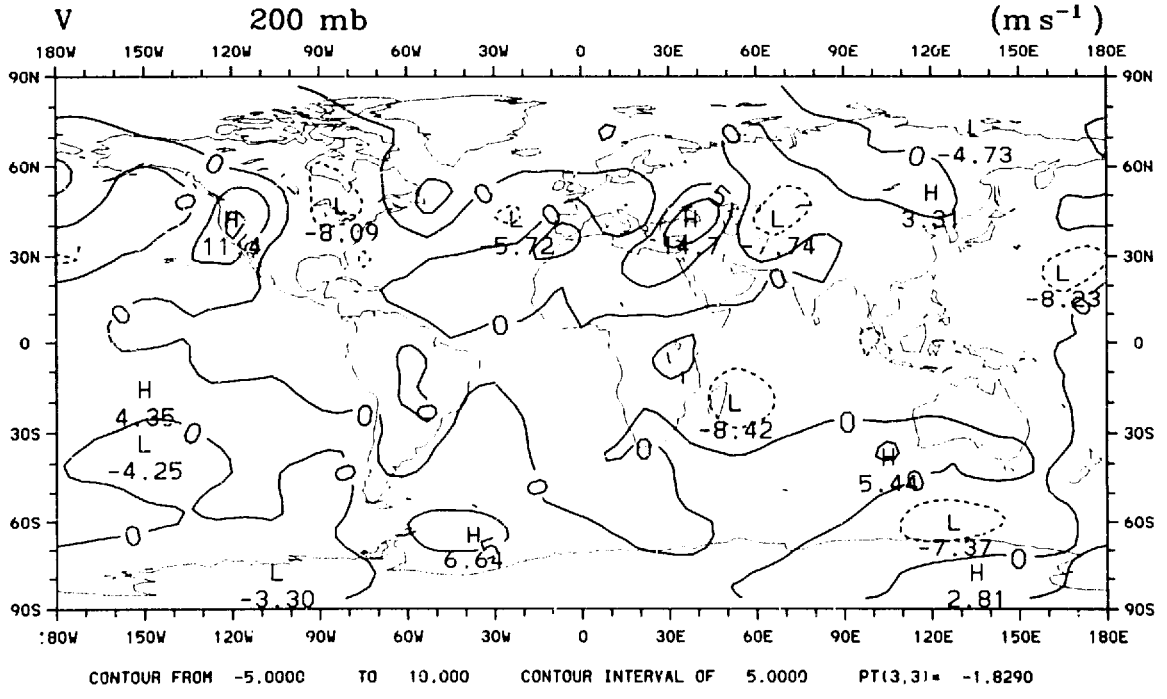

FRAME 1,11

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

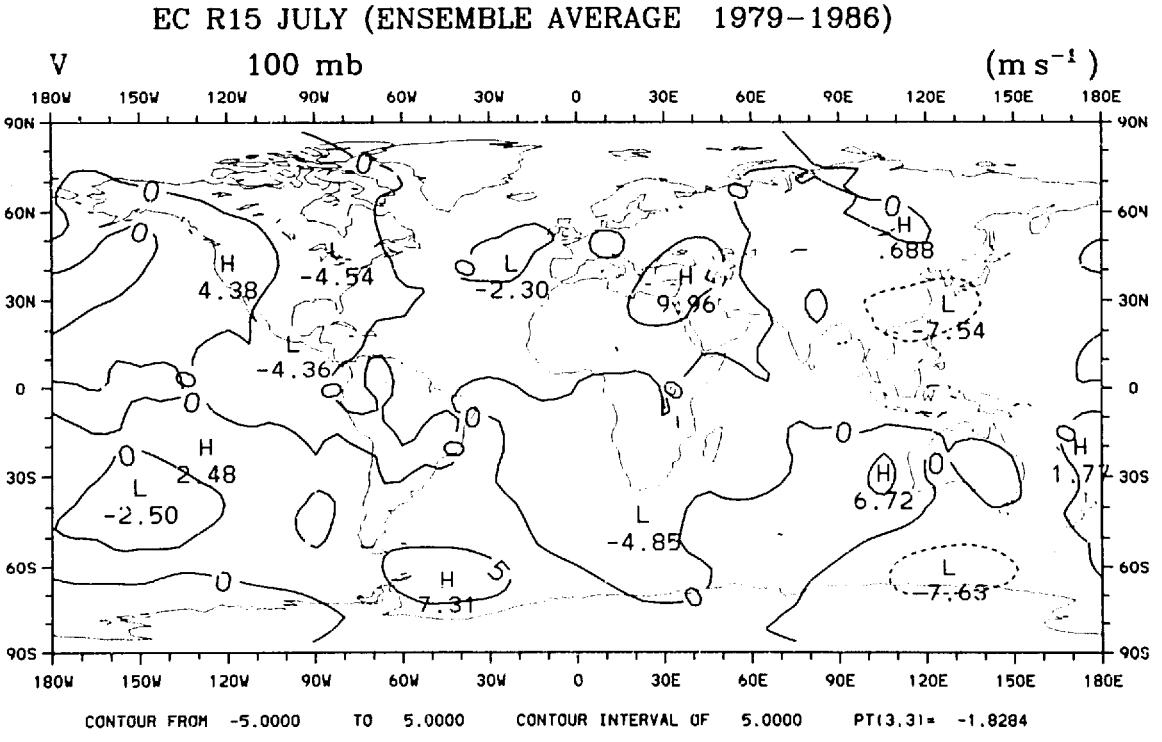



FRAME 1.12

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

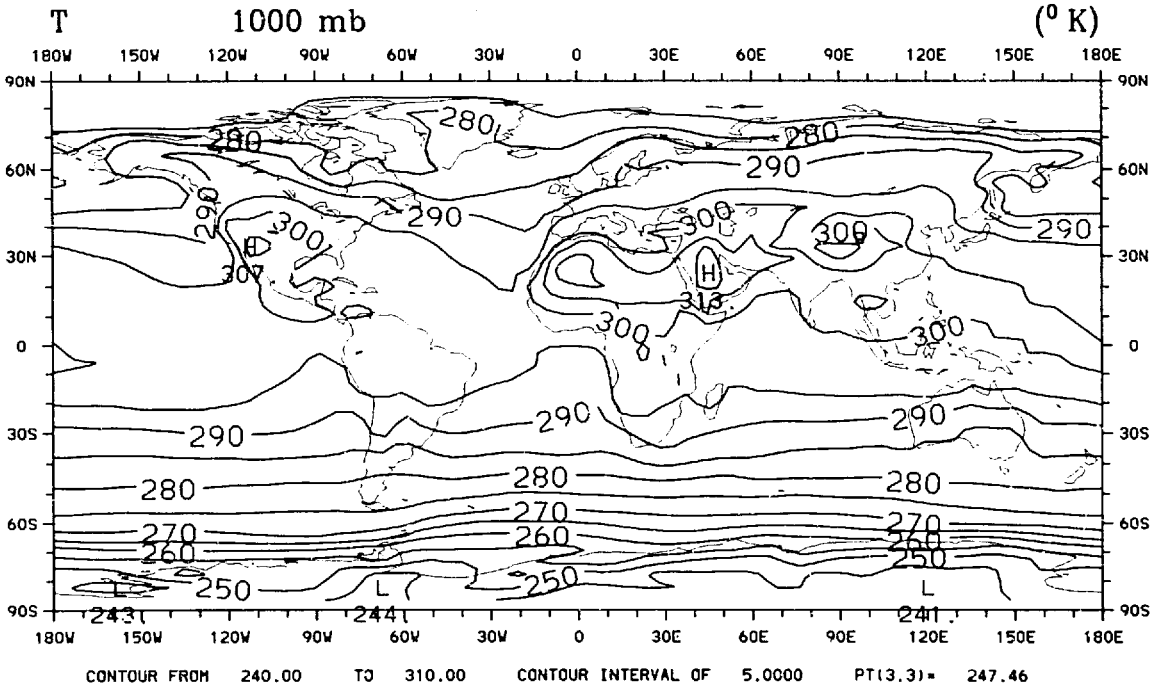



FRAME 1,13


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
V
100 mb
(m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 4.38
-4.54
L -2.30
H 9.96
H .688
L -7.54
L -4.36
H 2.48
L -2.50
L -4.85
H 6.72
H 1.74
H 7.31
L -7.63
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,31)= -1.8284

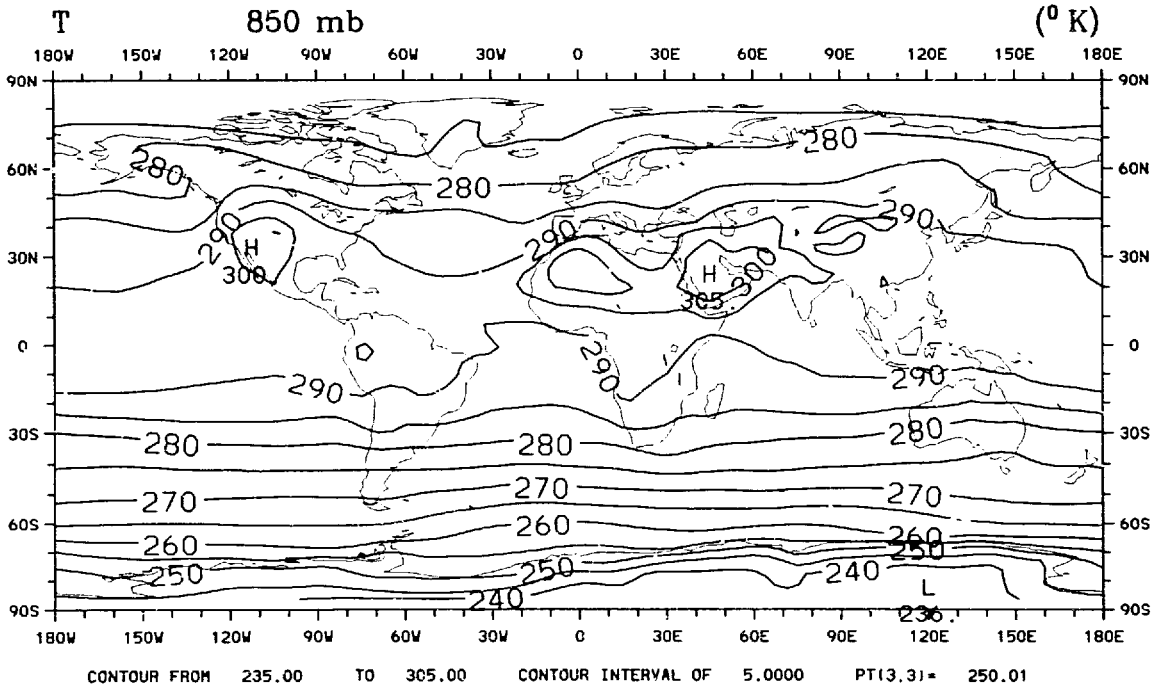
FRAME 1.14

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



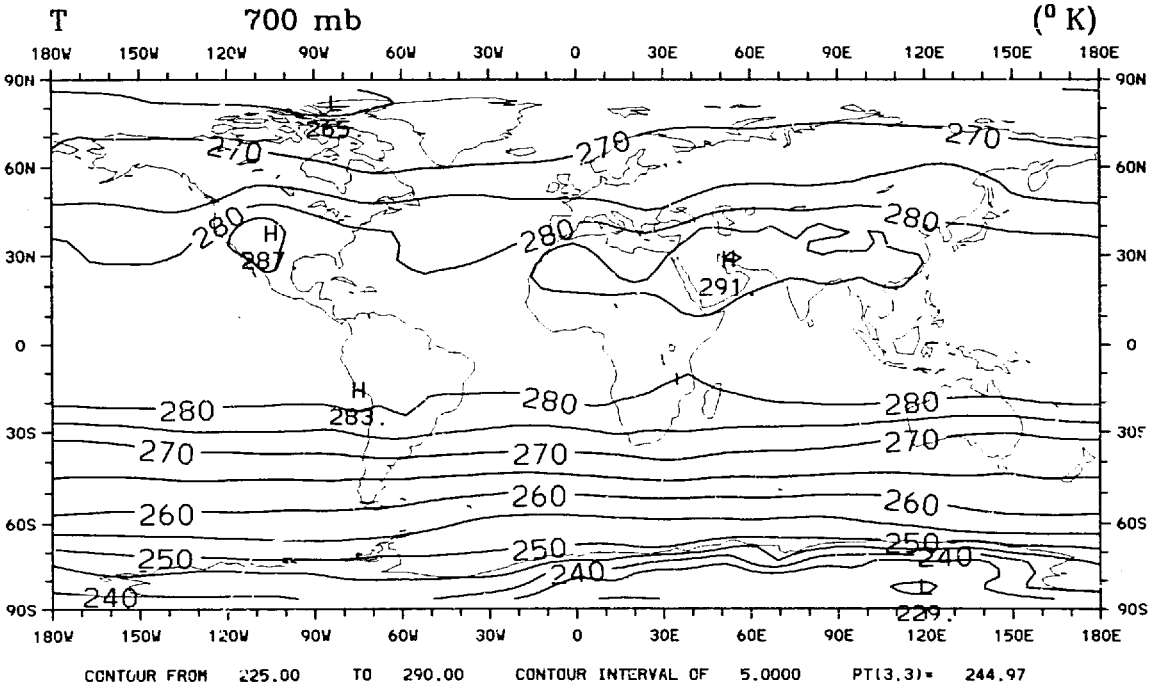

FRAME 1.15

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



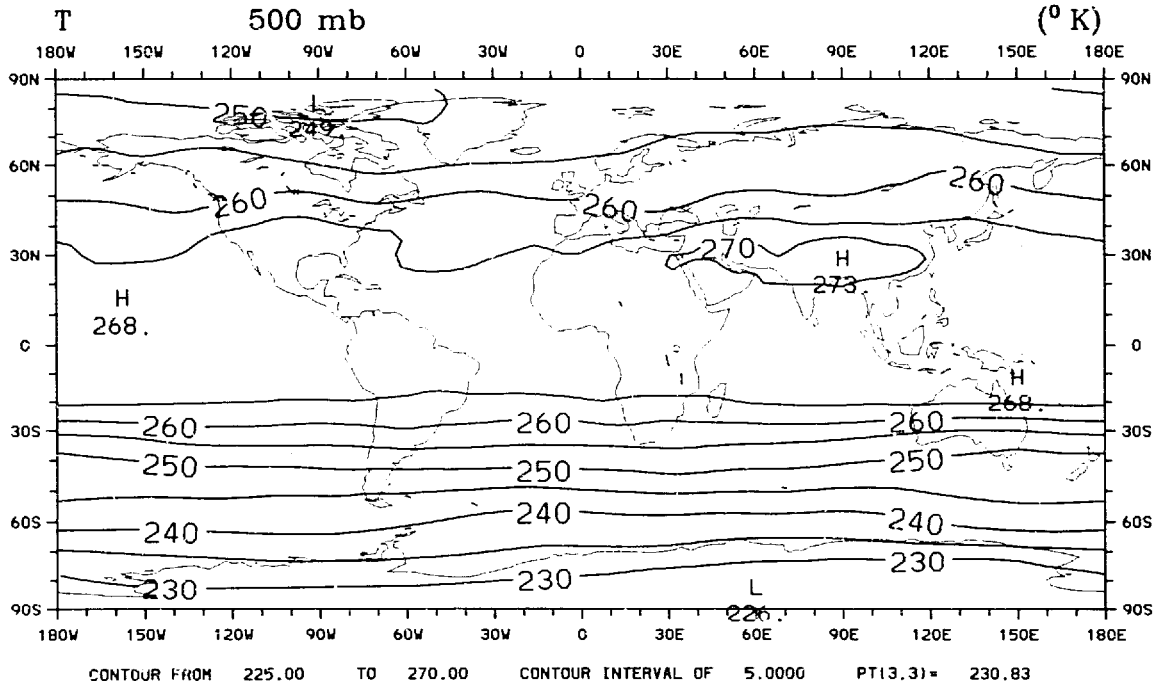

FRAME 1.16

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

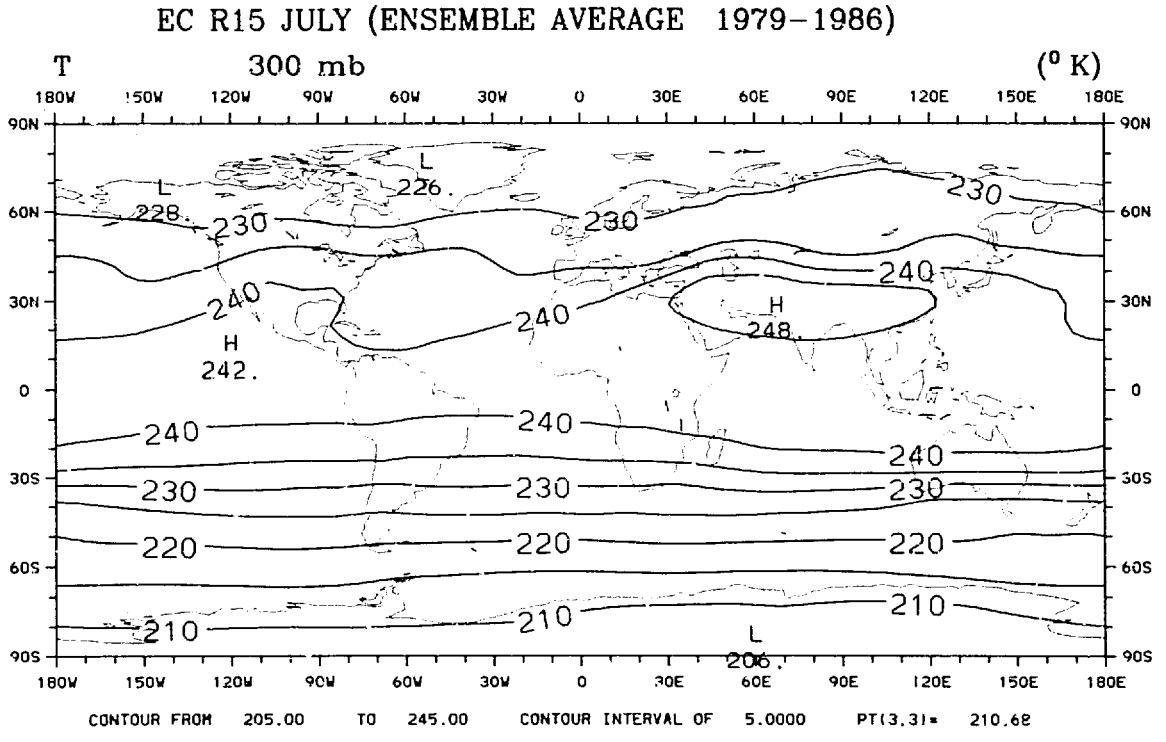



FRAME 1.17

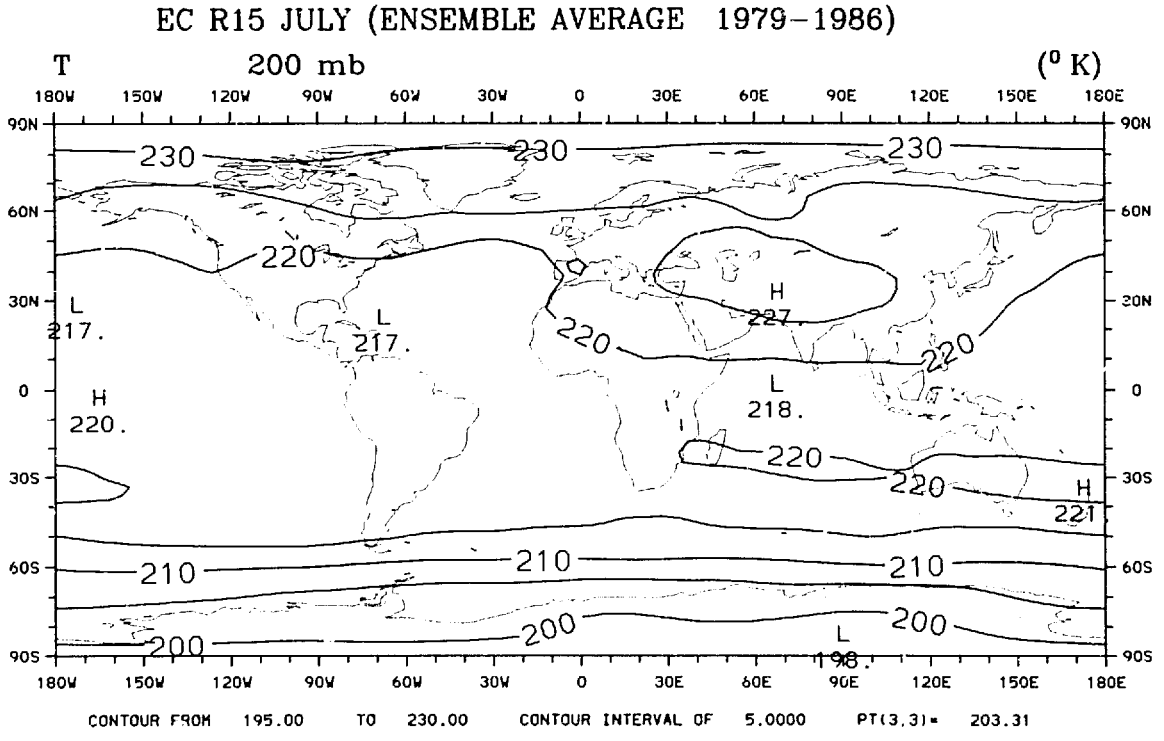
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.18

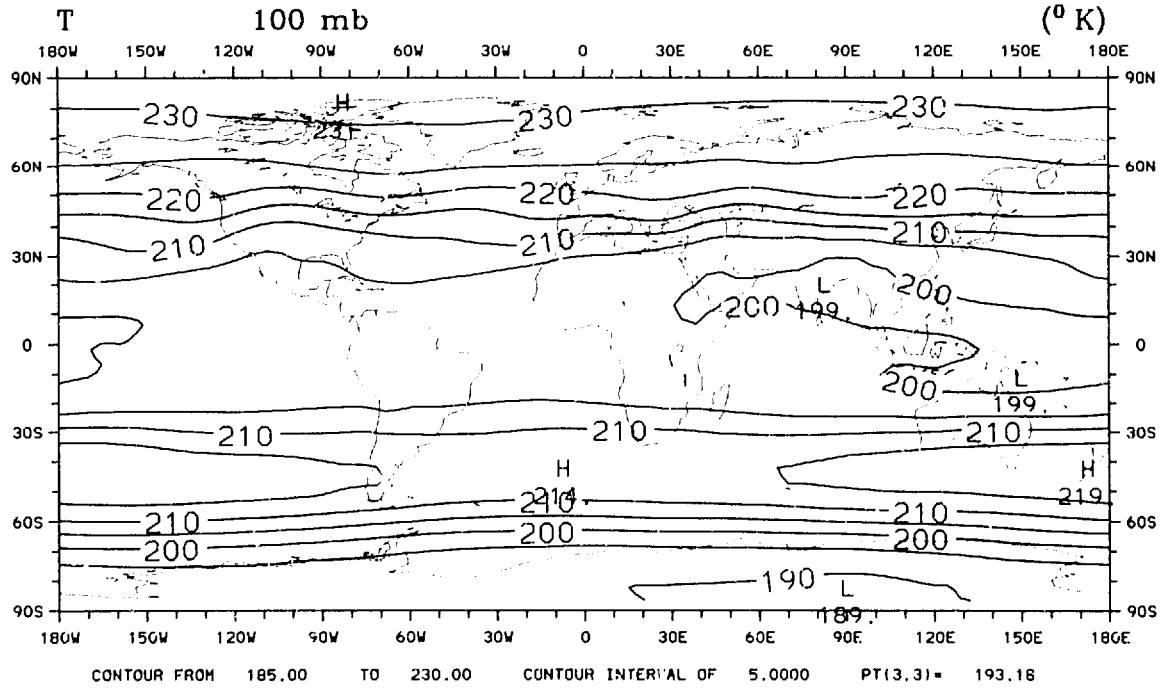

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
T
300 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
228.
L
226.
230
230
230
240
240
240
H
242.
H
248.
240
240
240
230
230
230
220
220
220
210
210
210
L
206.
CONTOUR FROM 205.00 TO 245.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 210.68

FRAME 1.19


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
T
200 mb
(0 K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
230
220
210
200
L
217.
L
217.
H
220.
H
227.
L
218.
220
H
221
L
198.
CONTOUR FROM 195.00 TO 230.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 203.31

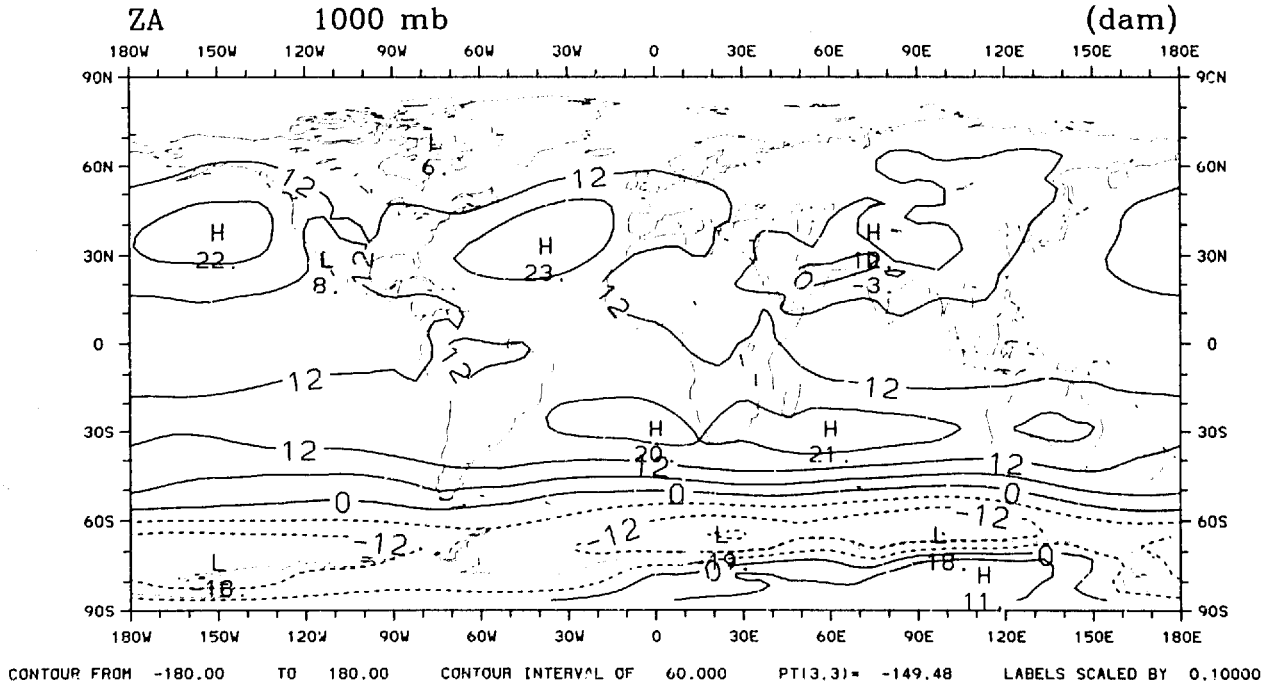
FRAME 1.20

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.21

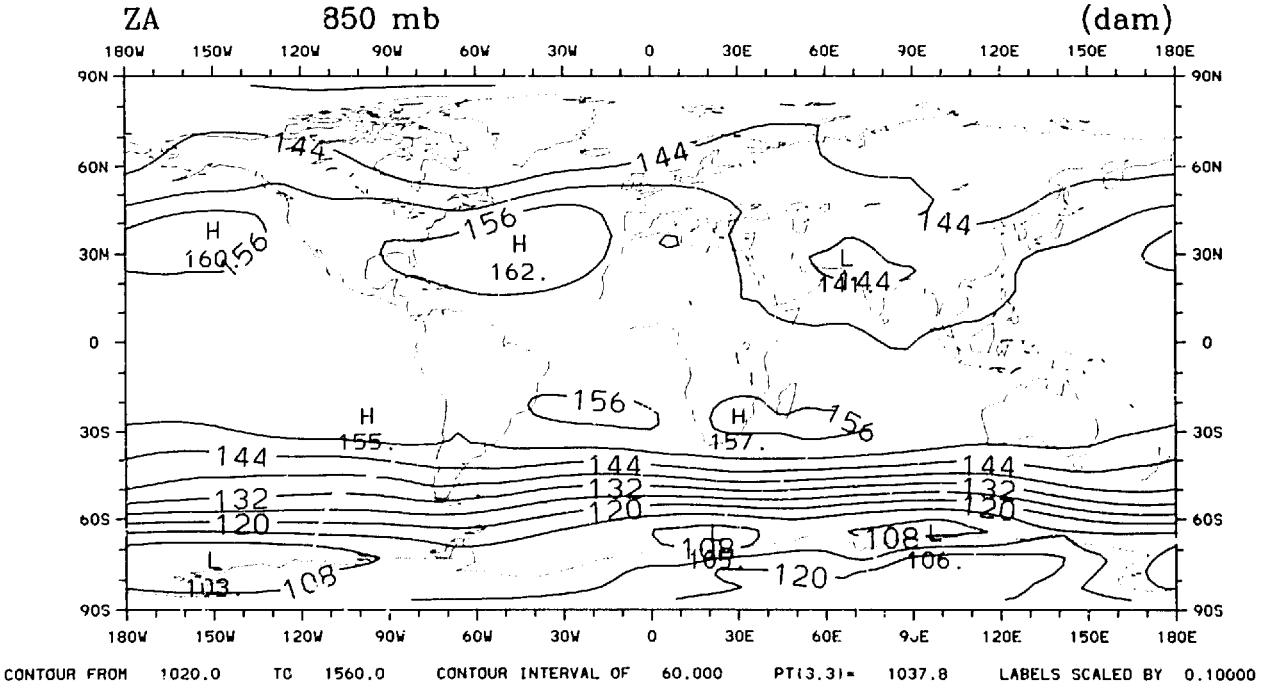
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -180.00 TO 180.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -149.48 LABELS SCALED BY 0.10000

FRAME 1.22

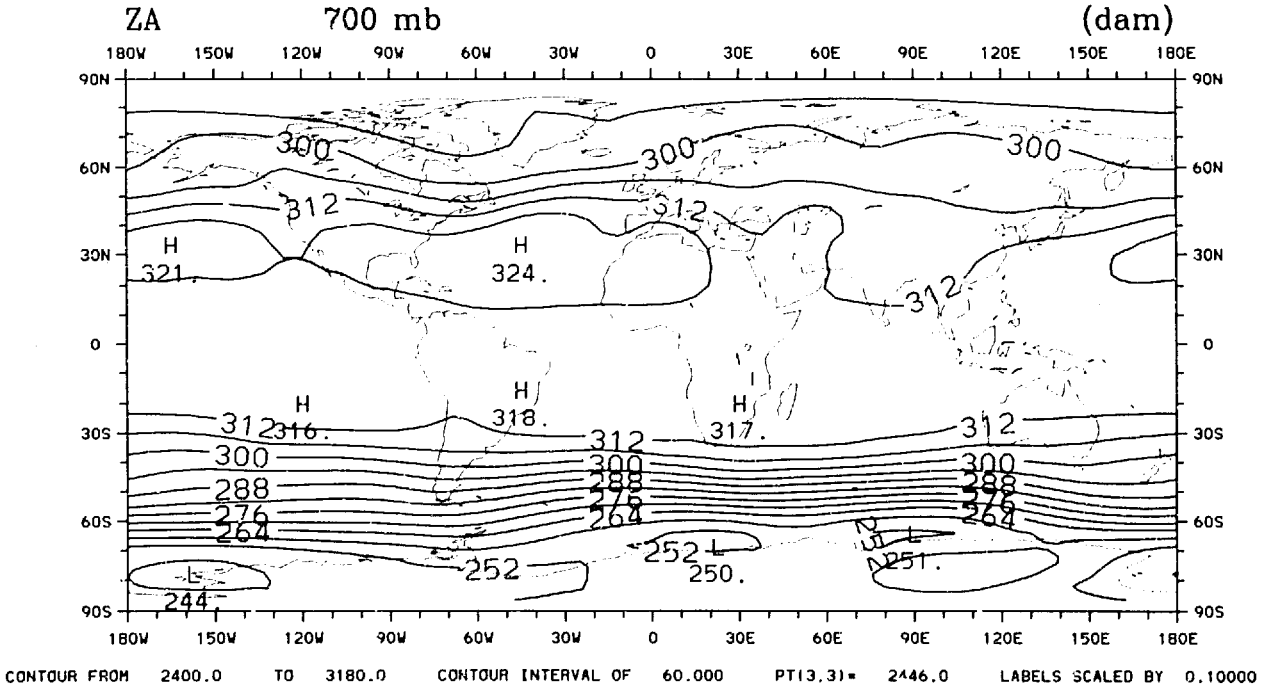
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 1020.0 TO 1560.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 1037.8 LABELS SCALED BY 0.10000

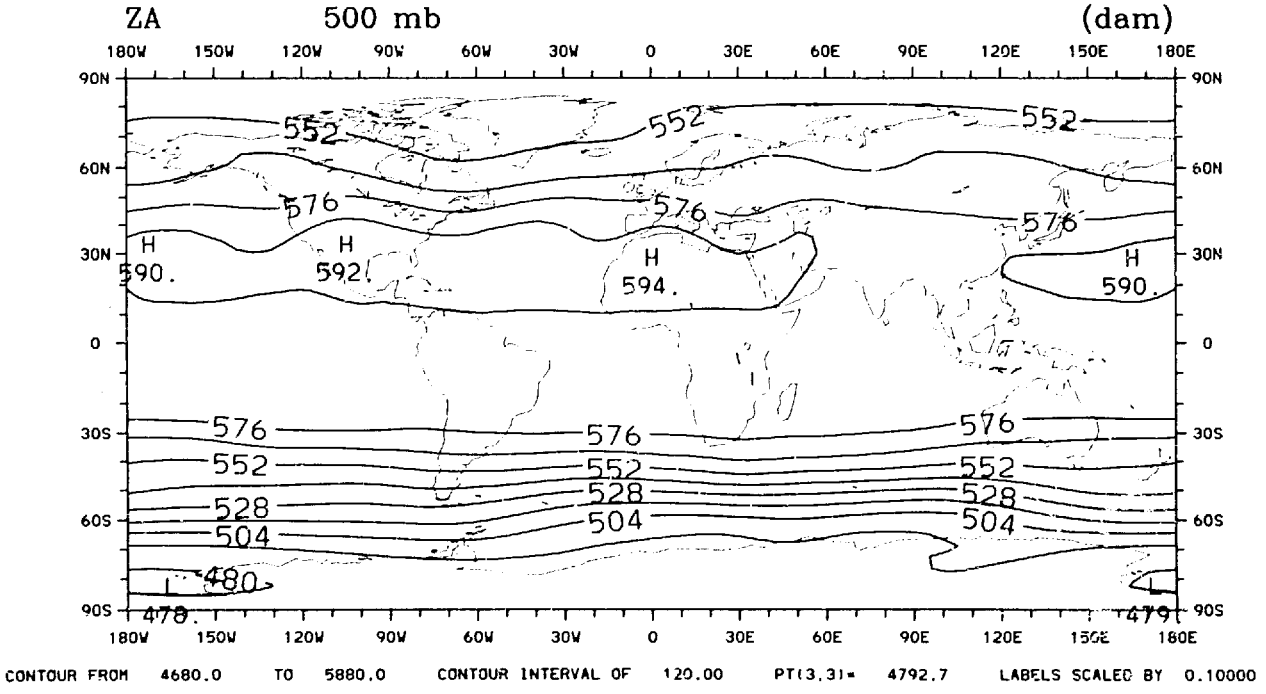
FRAME 1.23

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



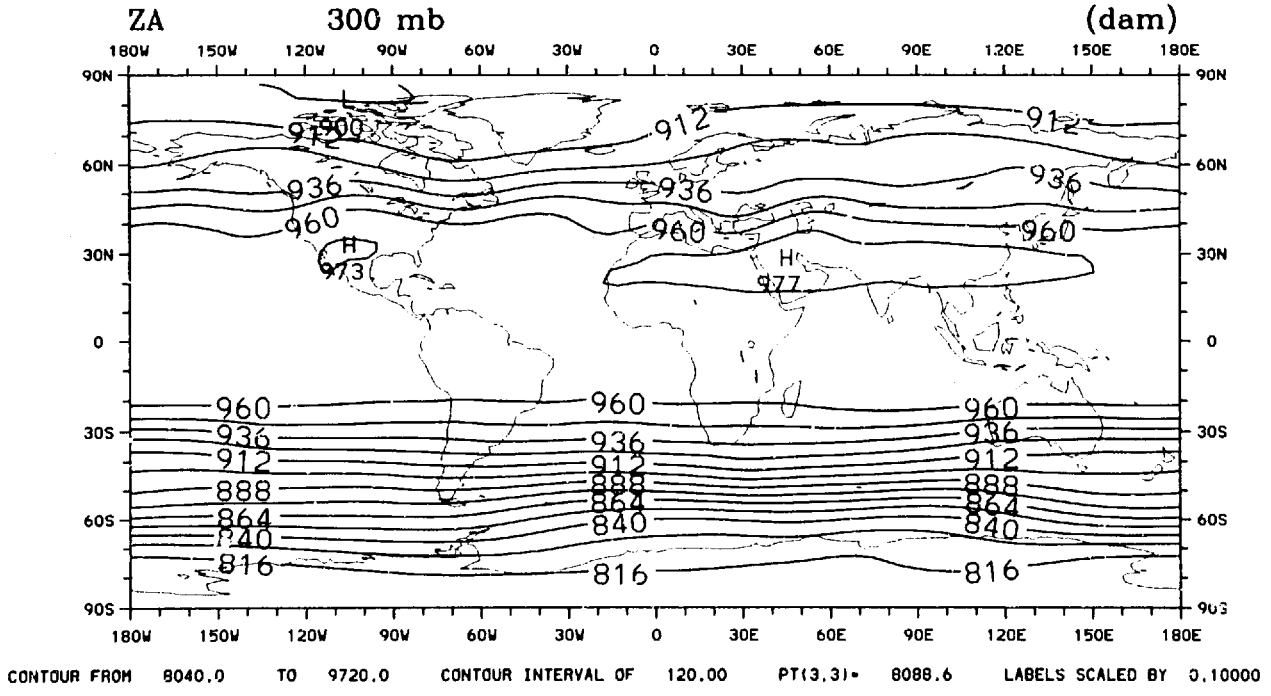

FRAME 1.24

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



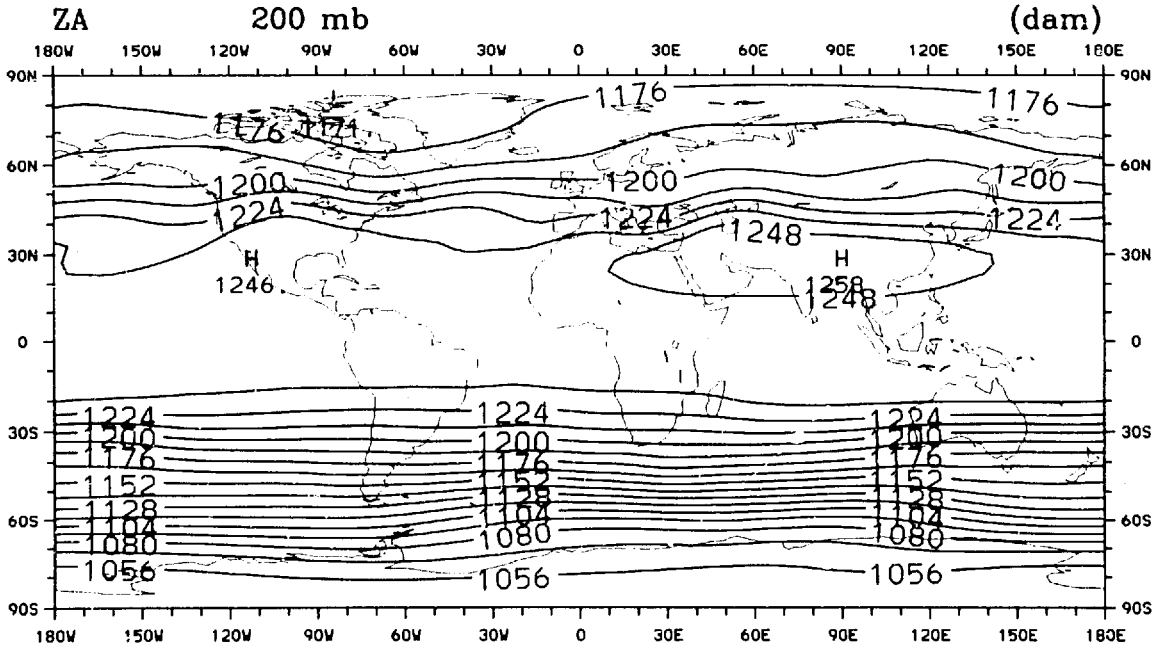

FRAME 1.25

FC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.26

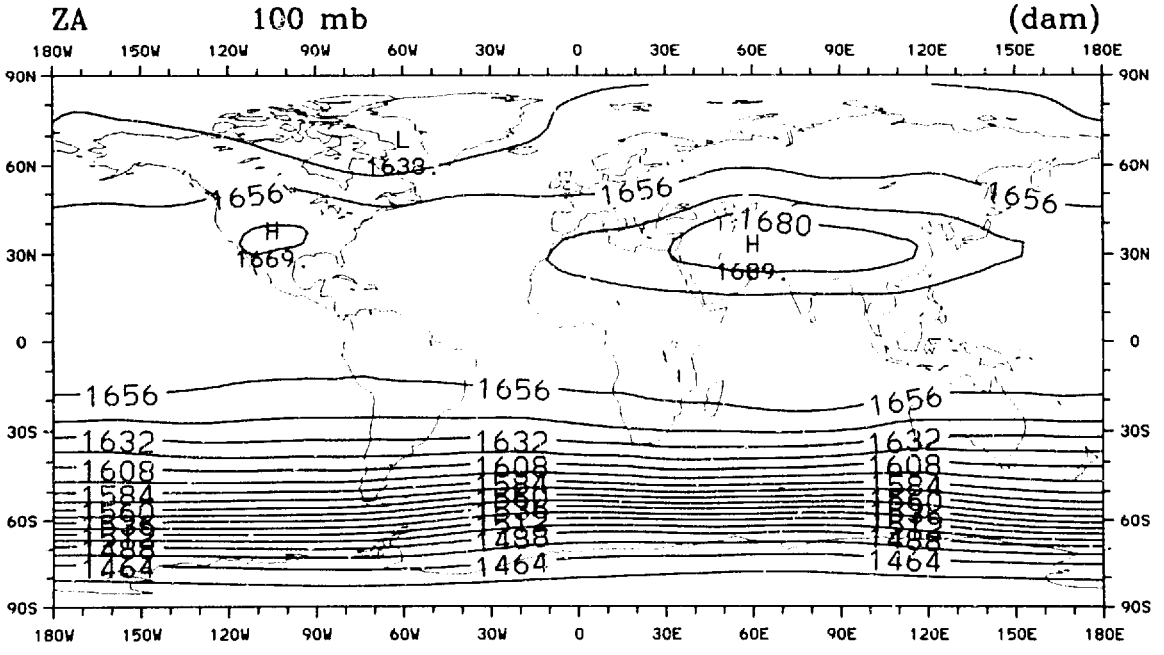
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 10440. TO 12480. CONTOUR INTERVAL OF 120.00 PT(3,3)= 10535. LABELS SCALED BY 0.10000

FRAME 1.27

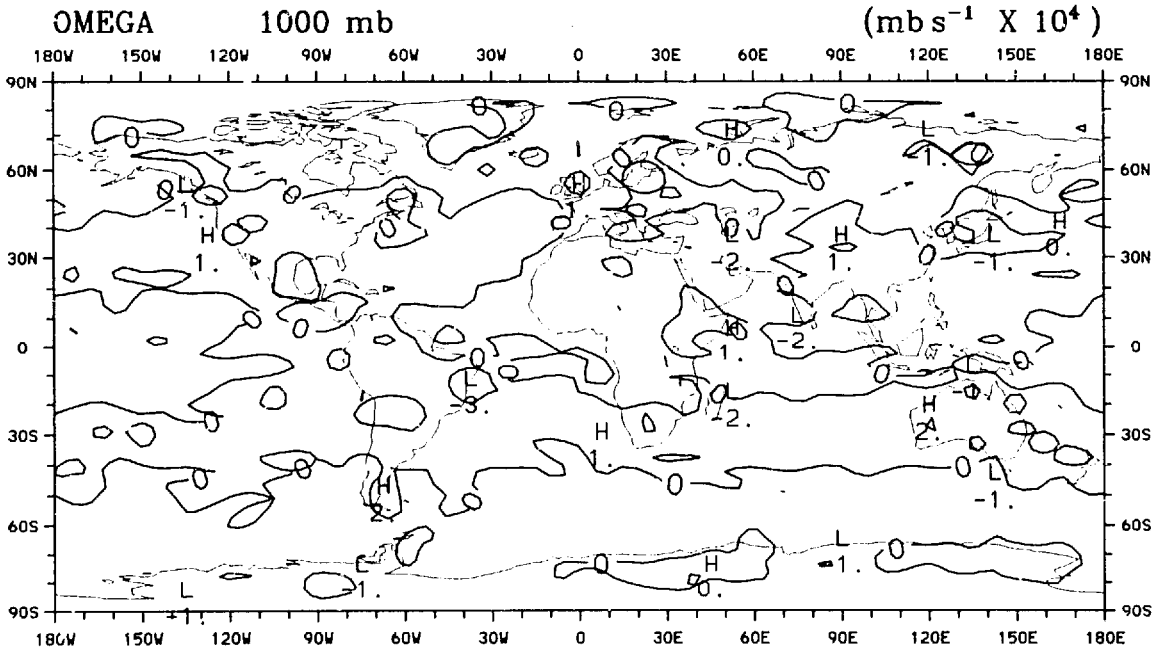
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 14400. TO 16800. CONTOUR INTERVAL OF 120.00 PT(3,3)= 14579. LABELS SCALED BY 0.10000

FRAME 1.28

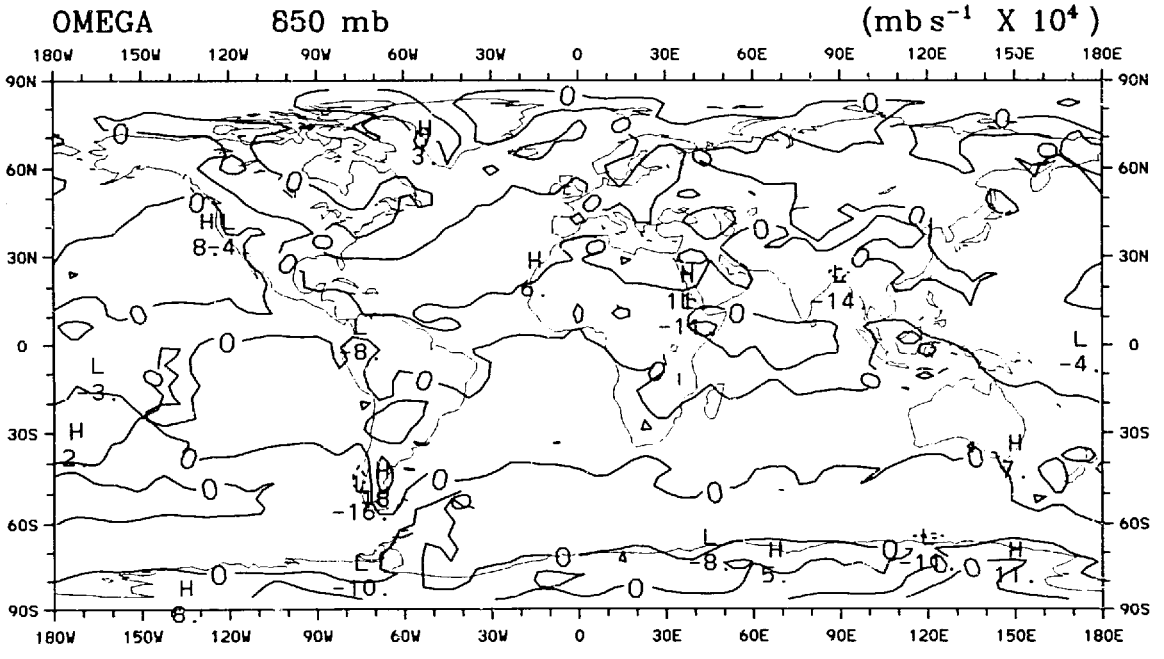
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.57838E-02 LABELS SCALED BY 100.00

FRAME 1.29

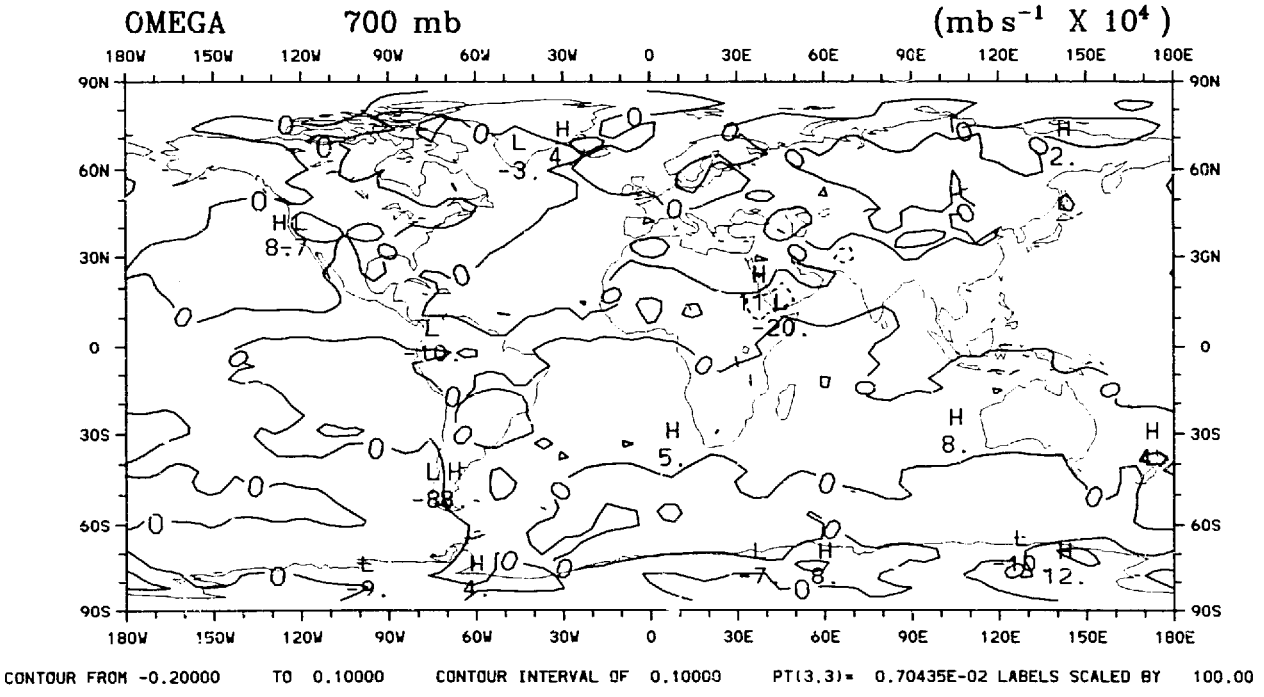
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.64477E-02 LABELS SCALED BY 100.00

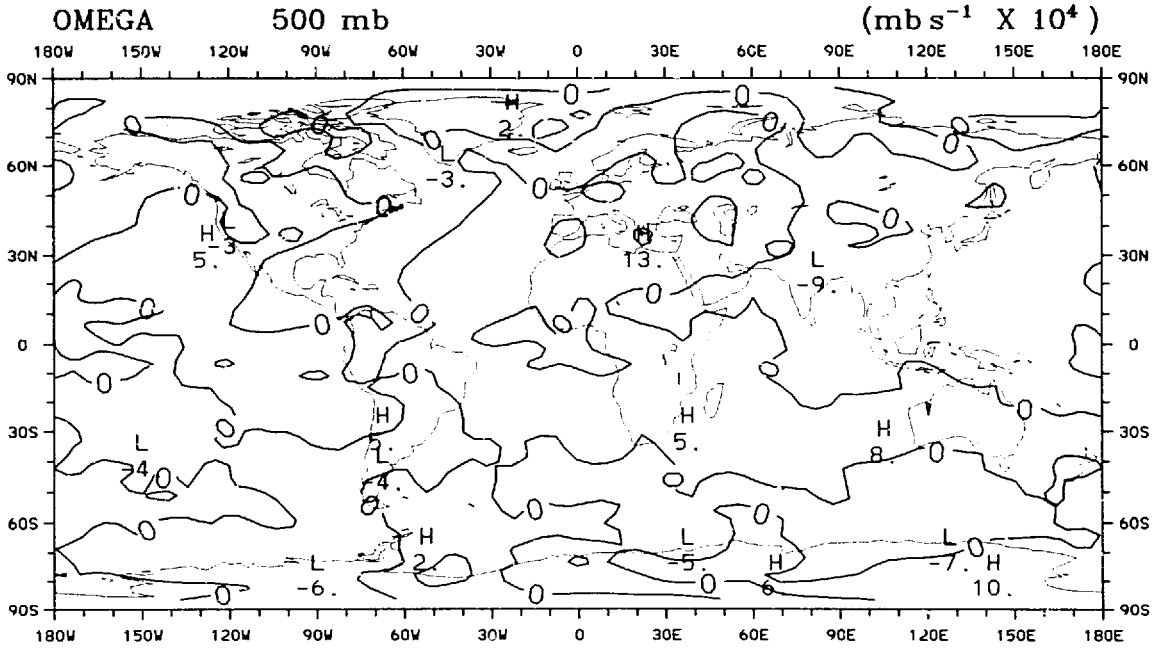
FRAME 1.30

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.31

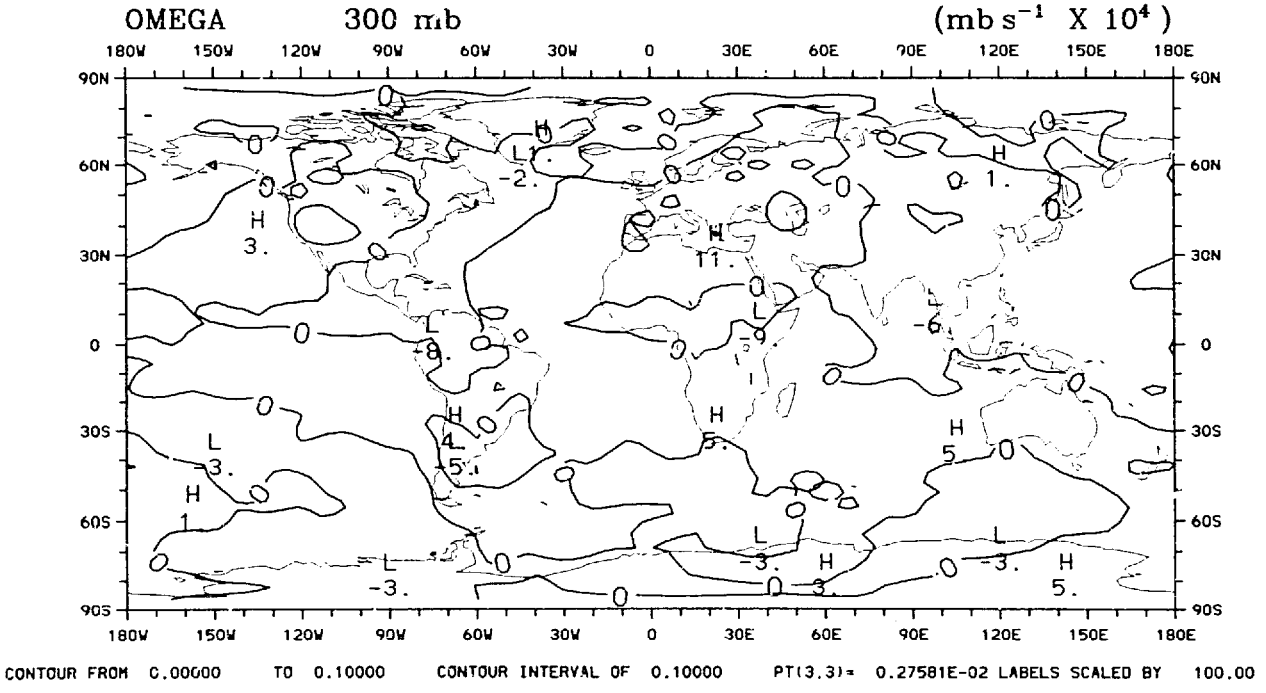
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.36166E-02 LABELS SCALED BY 100.00

FRAME 1.32

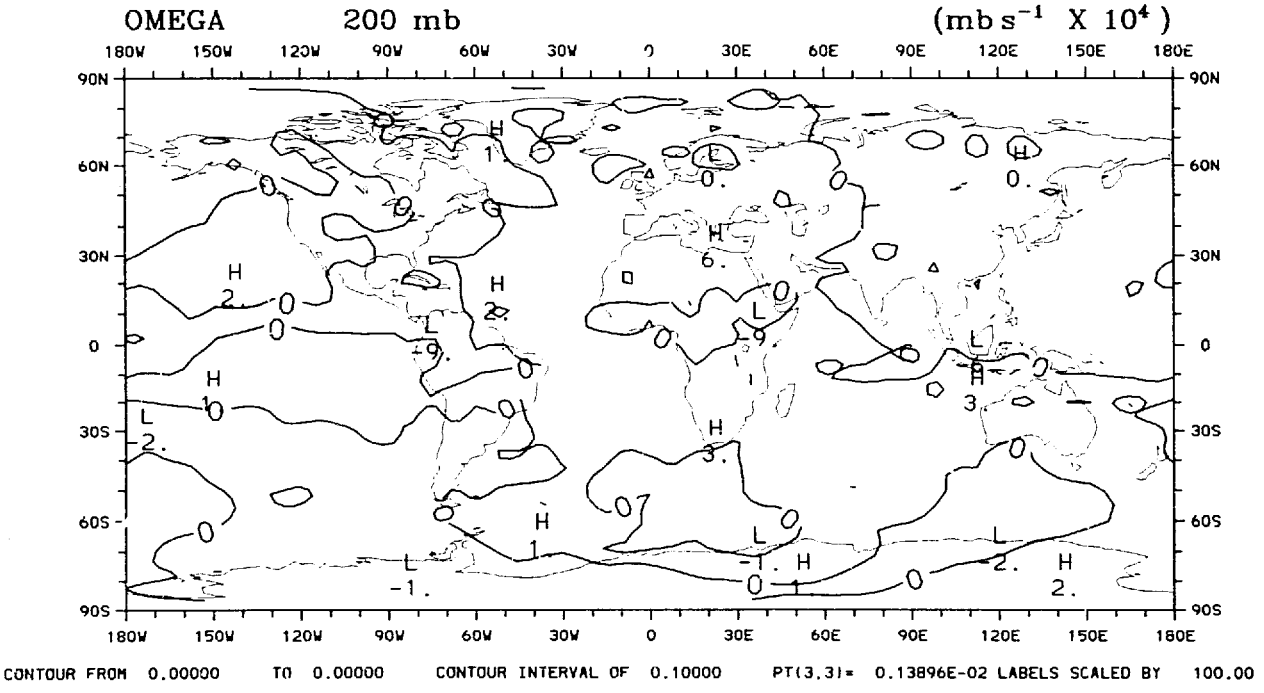
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.27581E-02 LABELS SCALED BY 100.00

FRAME 1.33

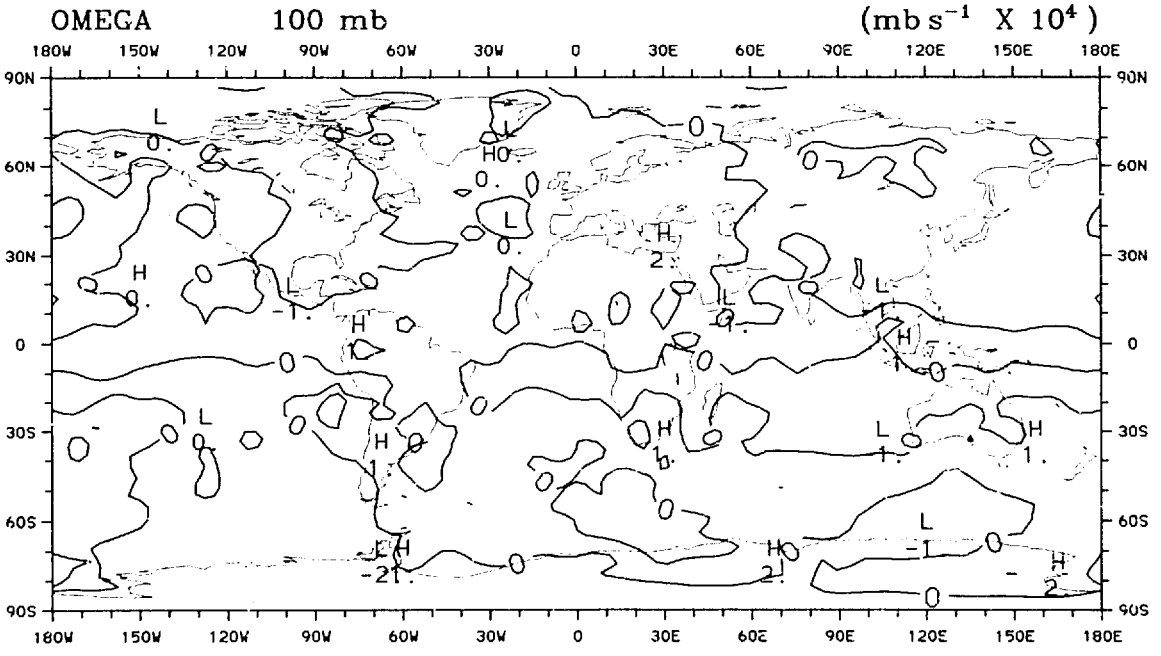
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.13896E-02 LABELS SCALED BY 100.00

FRAME 1.34

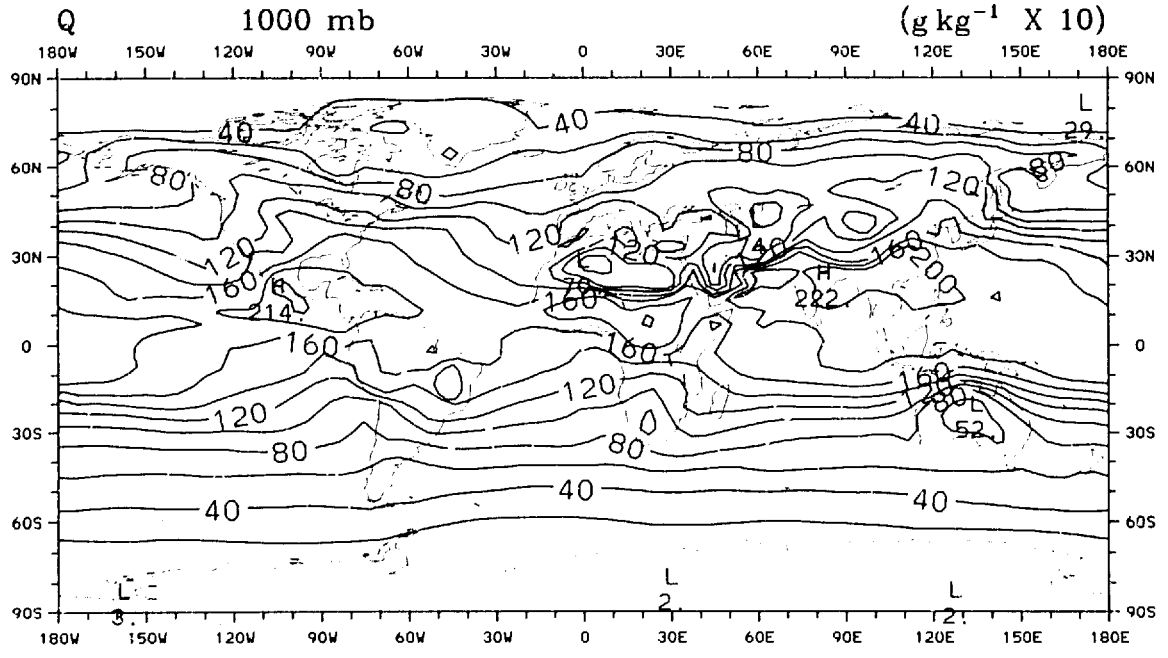
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.11754E-03 LABELS SCALED BY 100.00

FRAME 1.35

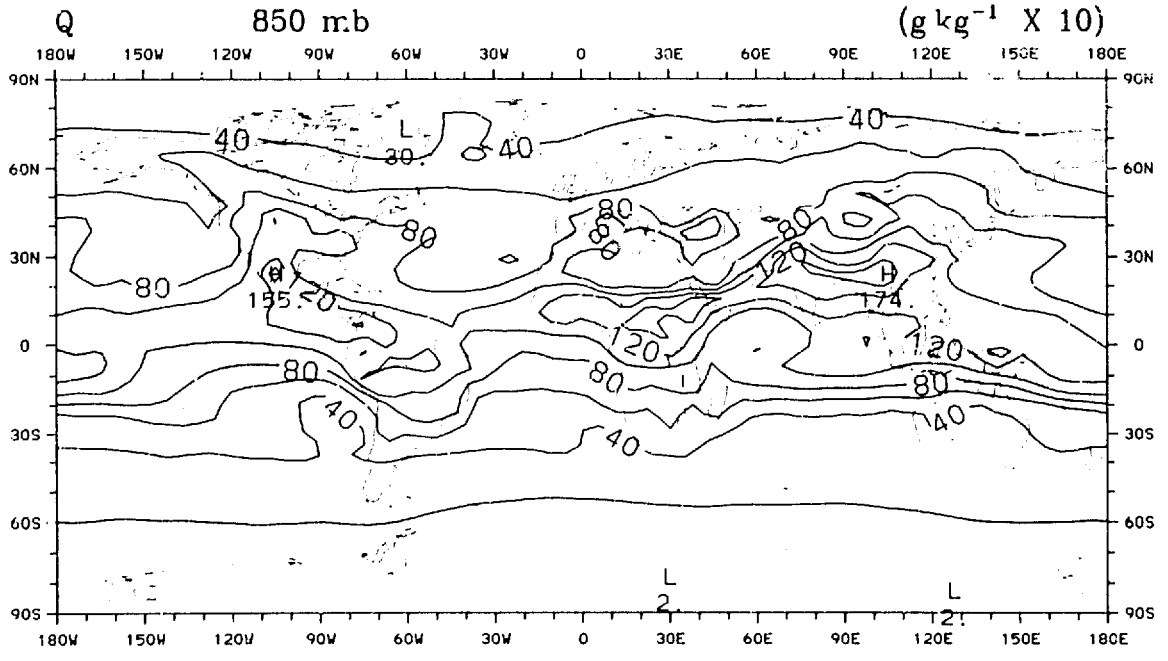
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.22000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.38936E-03 LABELS SCALED BY 10000.

FRAME 1.36

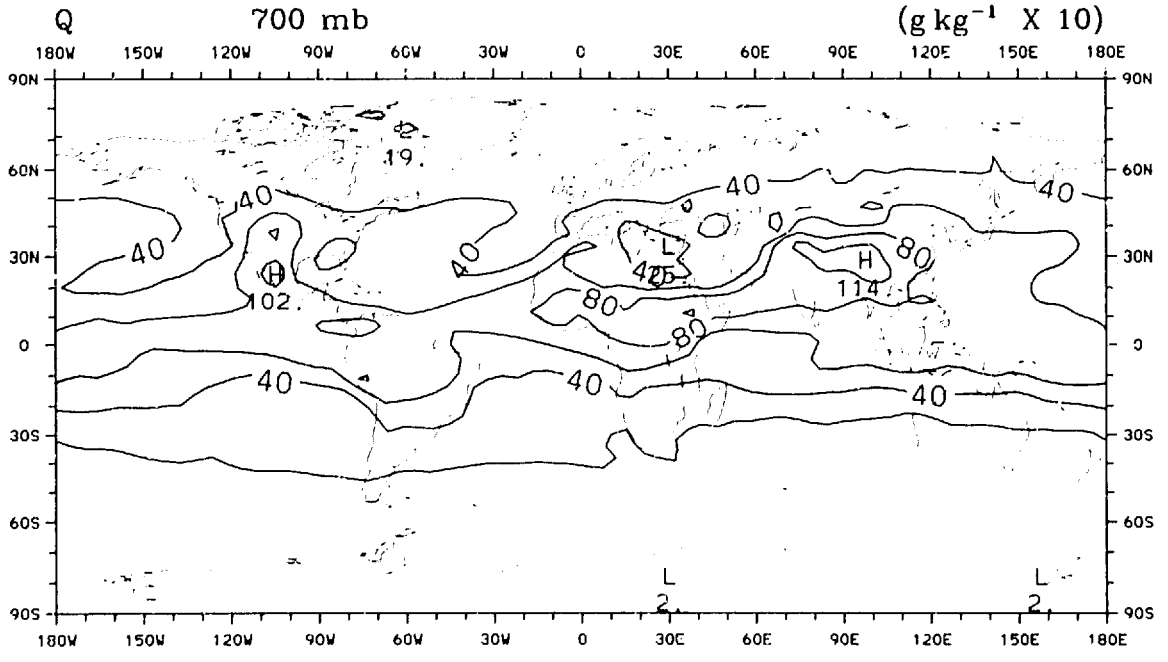
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.47146E-03 LABELS SCALED BY 10000.

FRAME 1.37

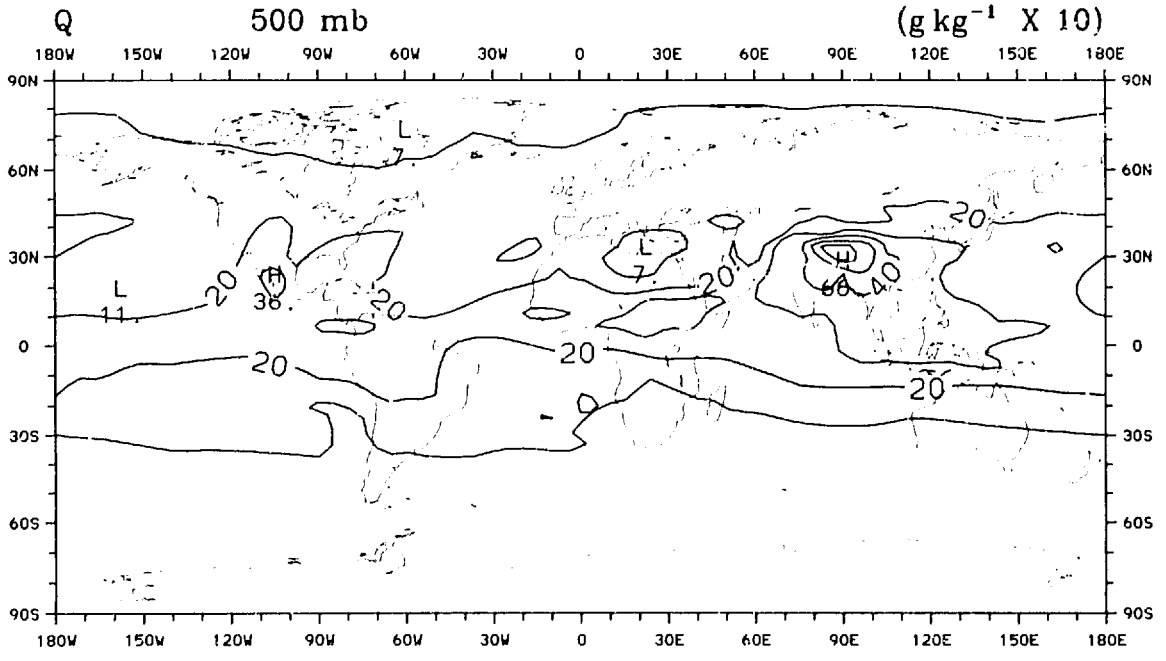
EC R15 JULY (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.35939E-03 LABELS SCALED BY 10000.

FRAME 1.38

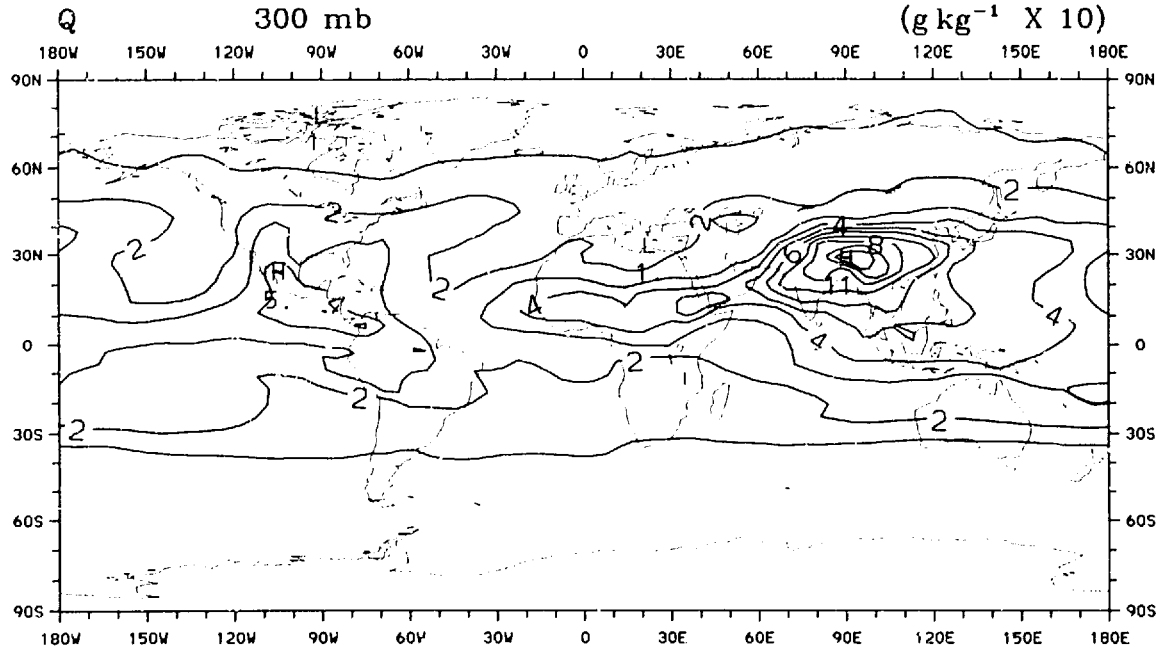
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.60000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.12539E-03 LABELS SCALED BY 10000.

FRAME 1.39

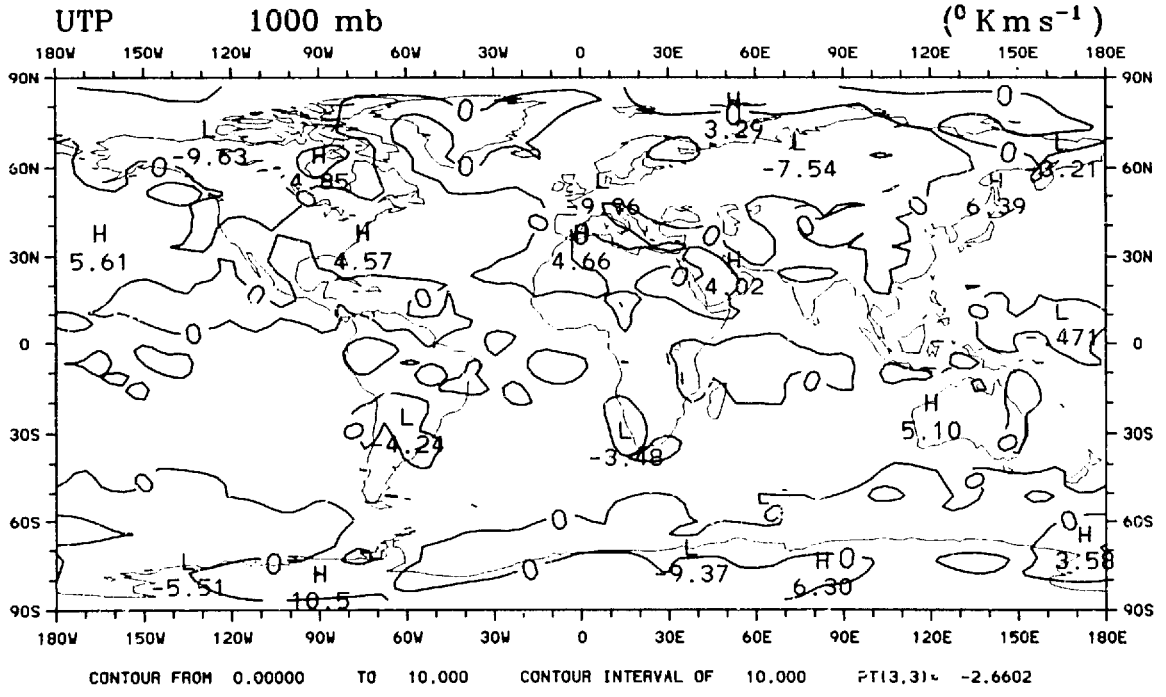
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.11000E-02 CONTOUR INTERVAL OF 0.10000E-03 PT13,31= 0.13592E-04 LABELS SCALED BY 10000.

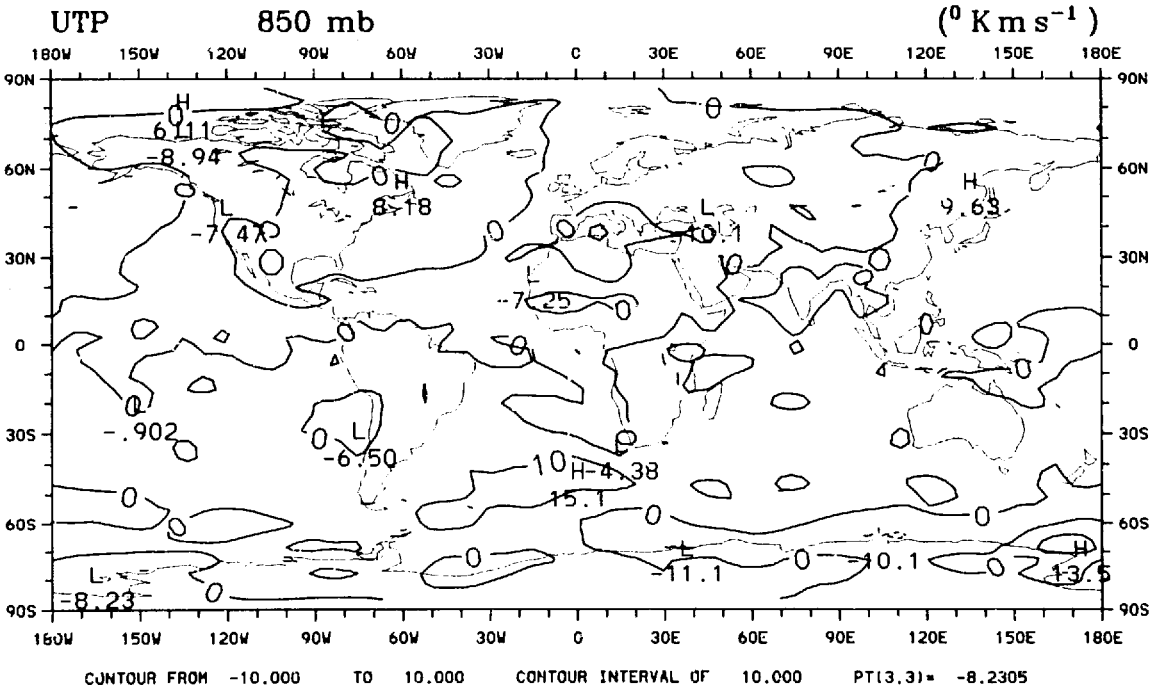
FRAME 1.40

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



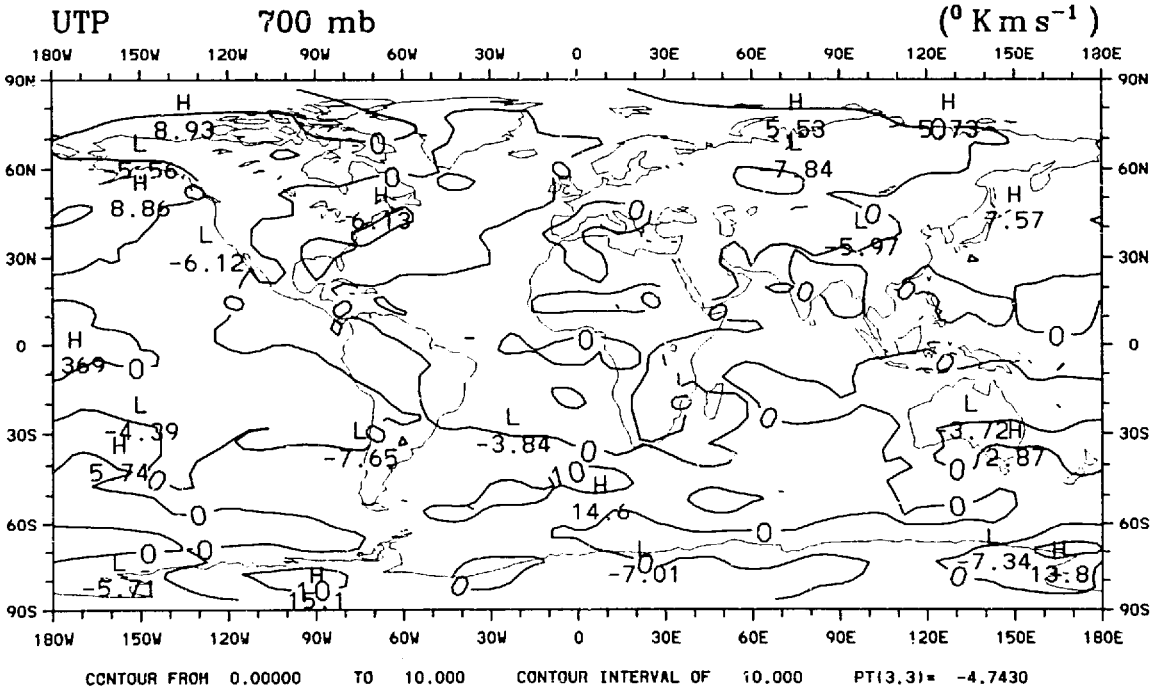

FRAME 1.41

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



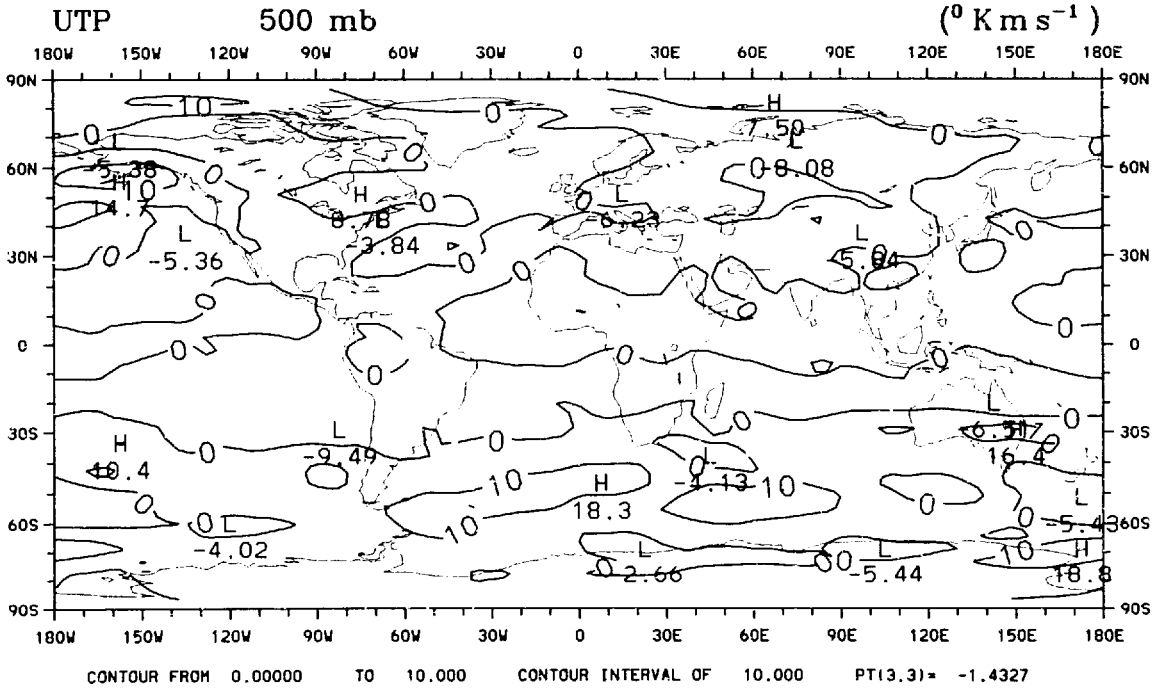

FRAME 1,42

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

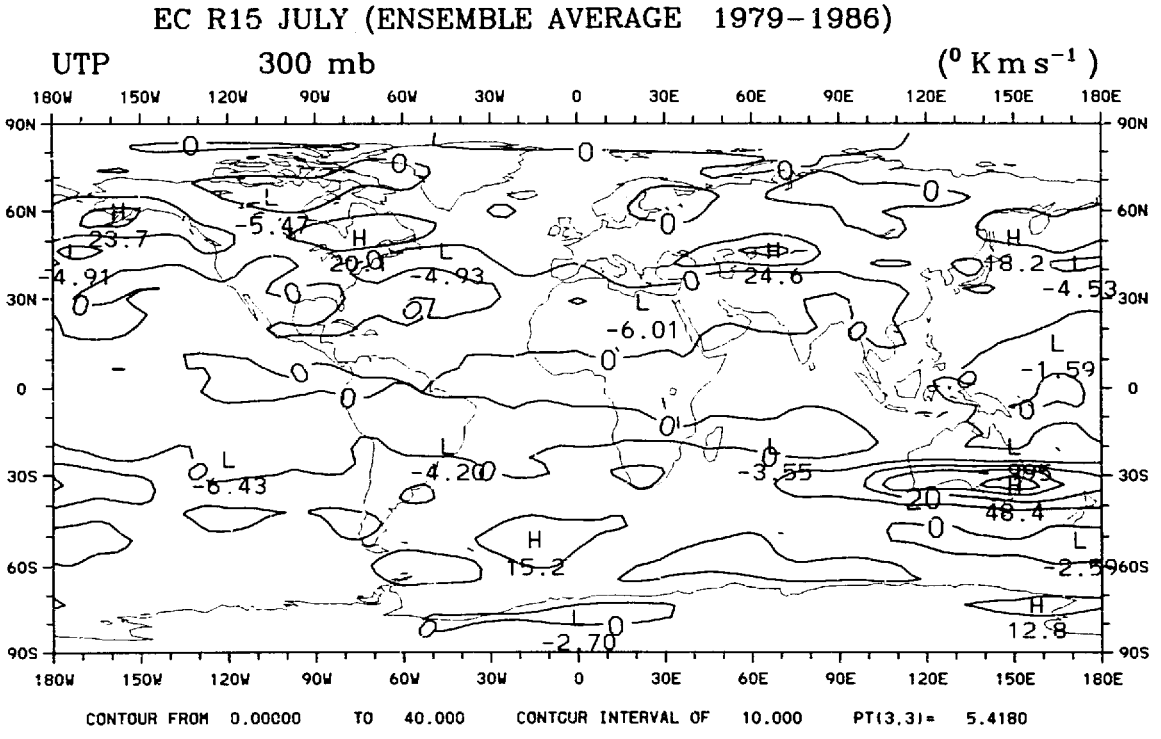



FRAME 1.43

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

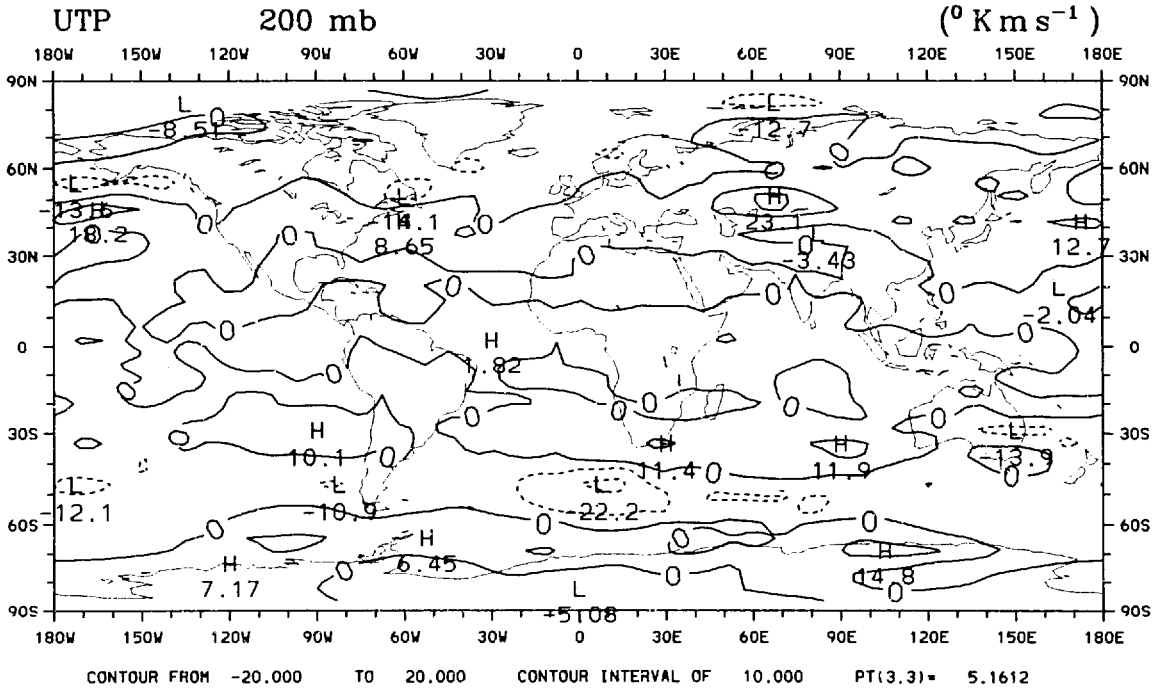



FRAME 1.44


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
UTP
300 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-5.47
23.7
20.0
-4.91
-4.93
24.6
18.2
-4.53
-6.01
-1.59
-6.43
-4.20
-3.55
20
48.4
15.2
-2.59
12.8
-2.70
CONTOUR FROM 0.00000 TO 40.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 5.4180

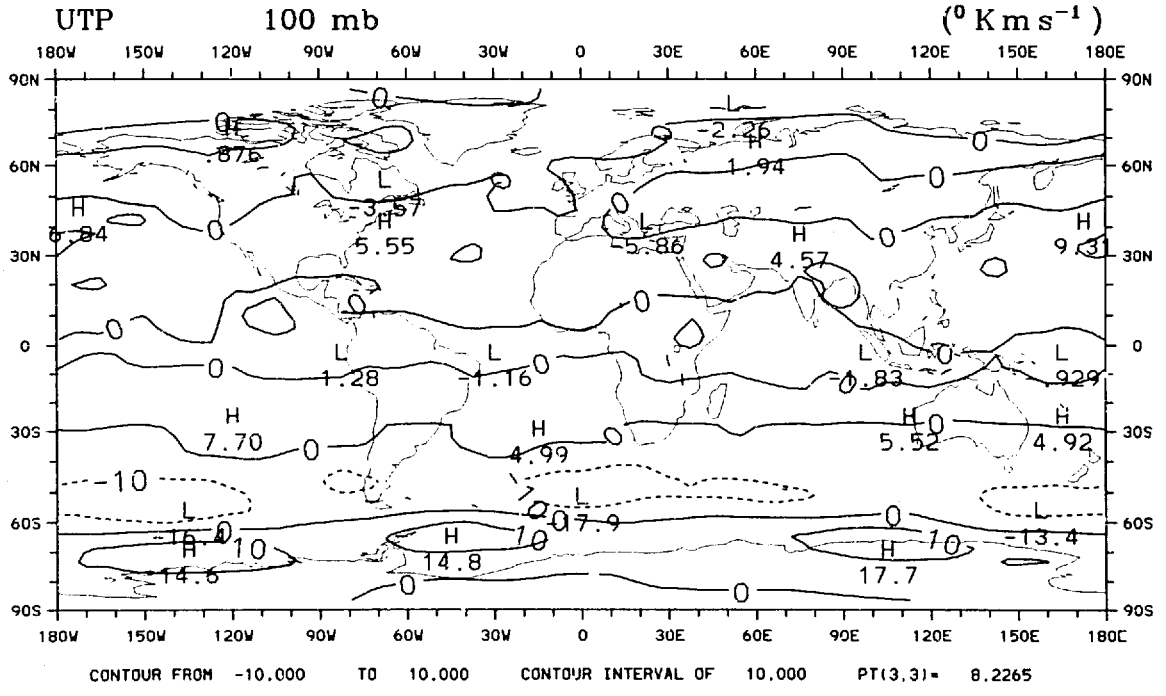
FRAME 1.45

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

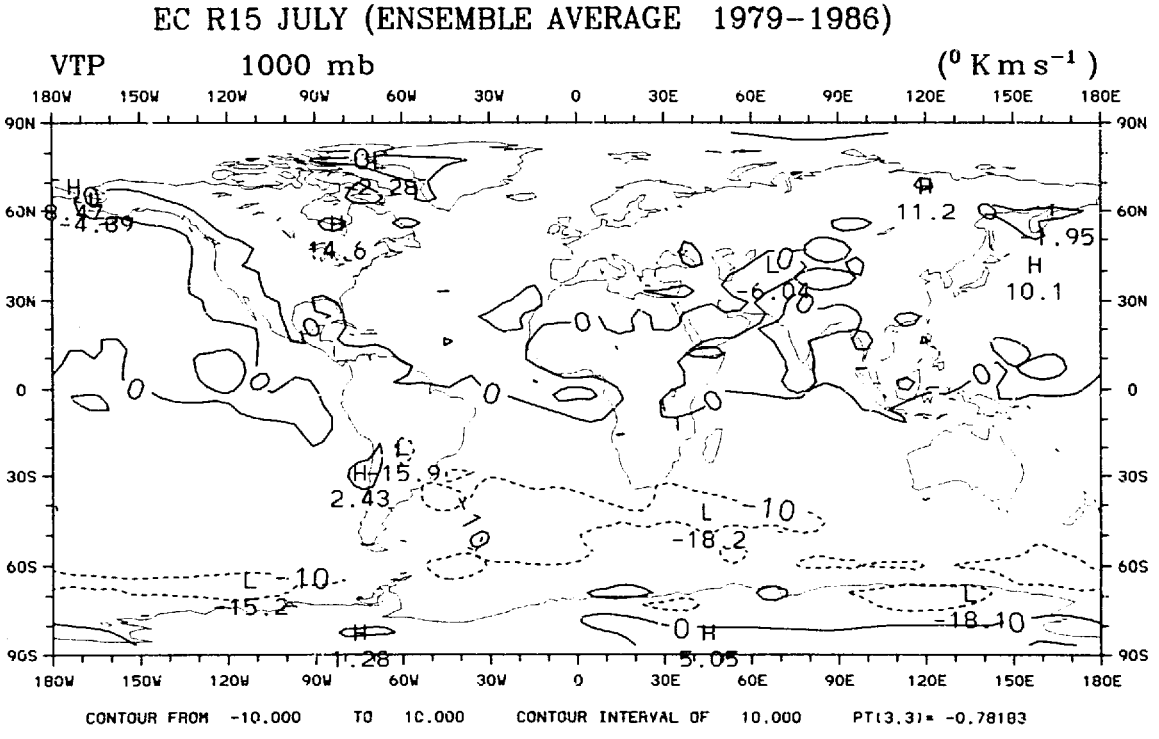



FRAME 1.46

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

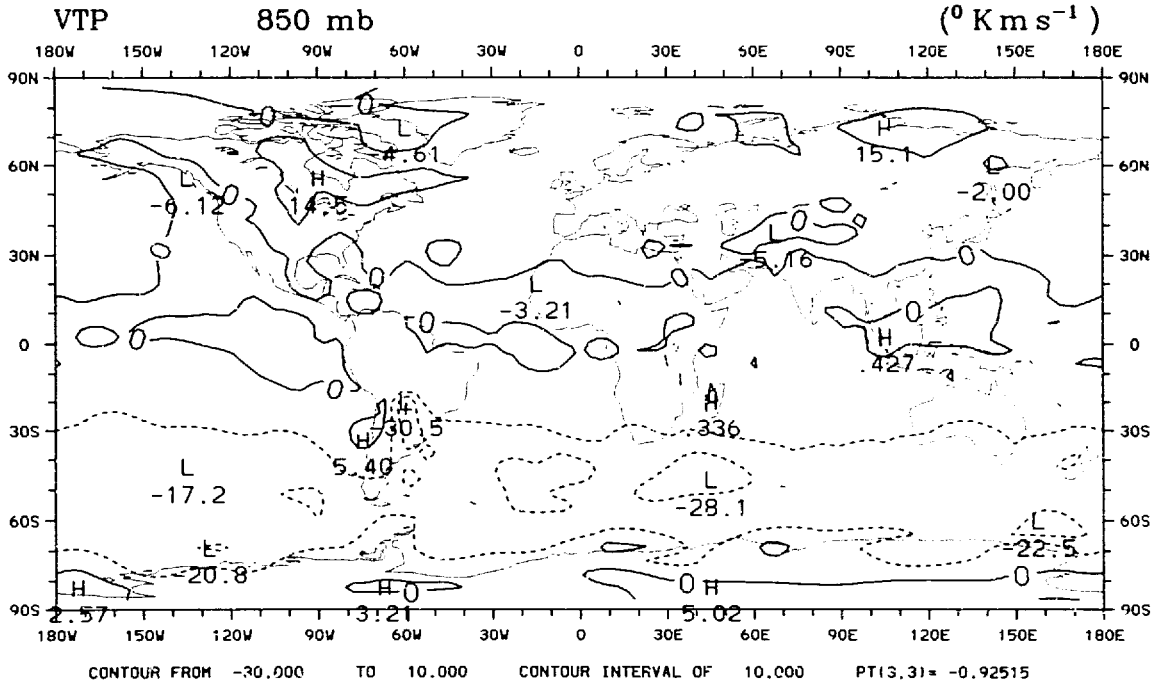



FRAME 1.47


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
VTP
1000 mb
(⁰ K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
-4.89
4.6
11.2
1.95
H
10.1
L
-6.04
H
15.9
2.43
L
-10
-18.2
L
-10
-15.2
L
-18.10
H
1.28
5.05
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -0.78183

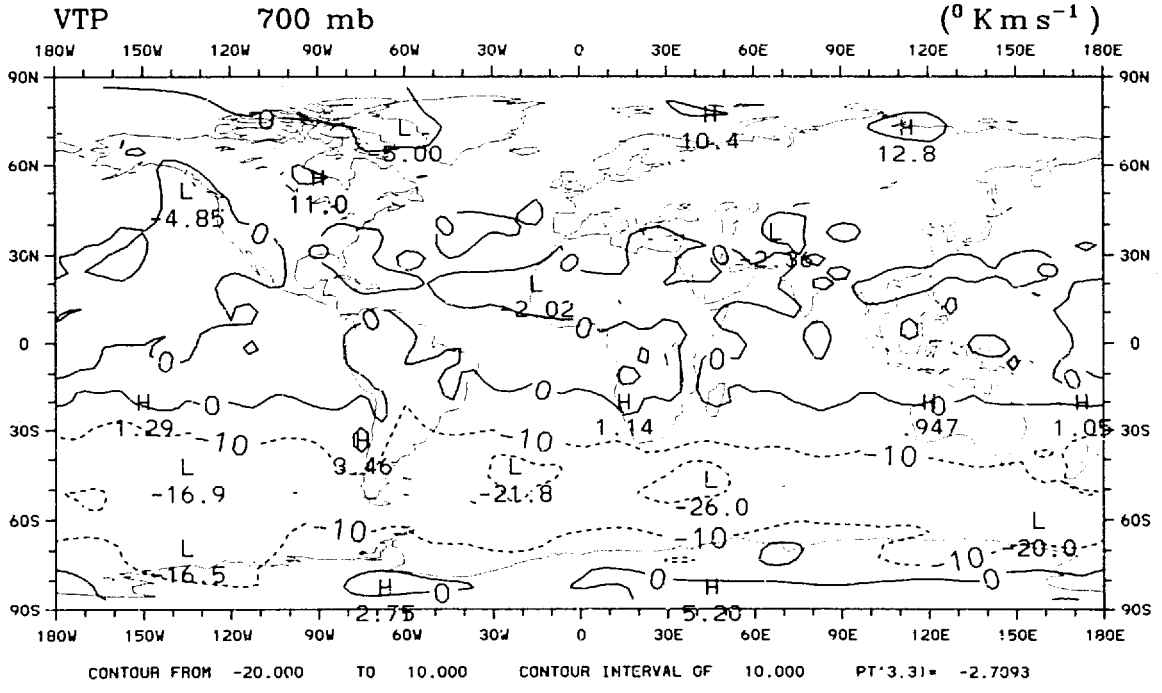
FRAME 1.48

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



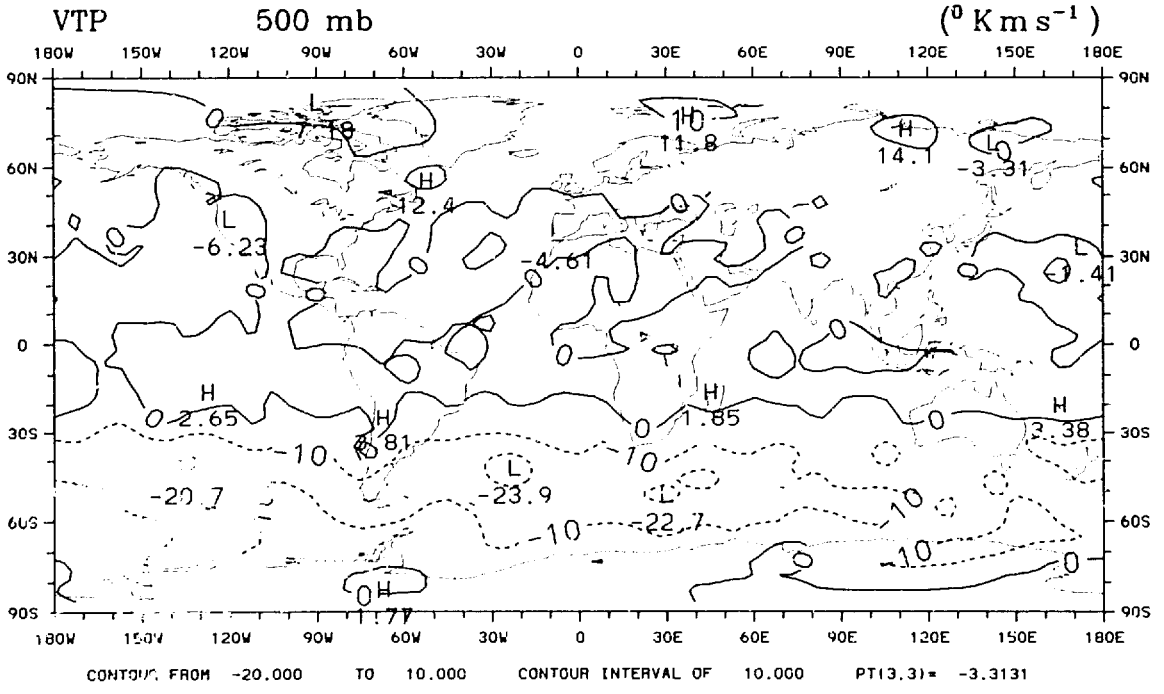

FRAME 1.49

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

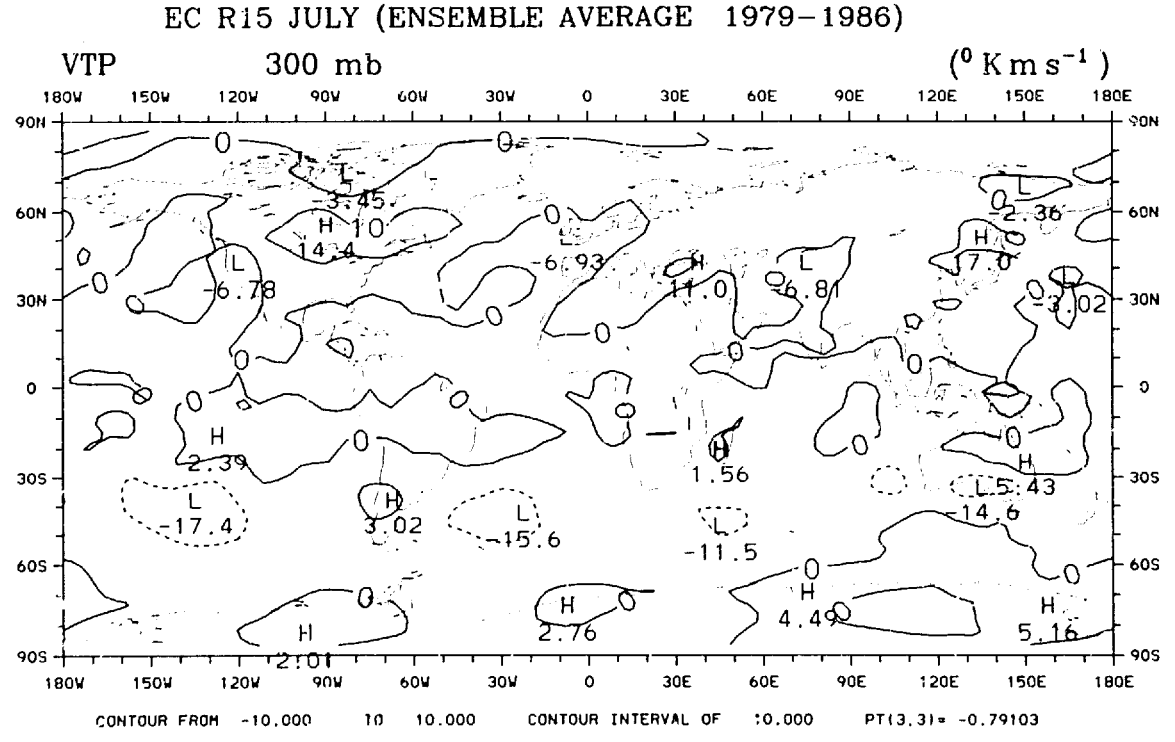



FRAME 1.5C

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

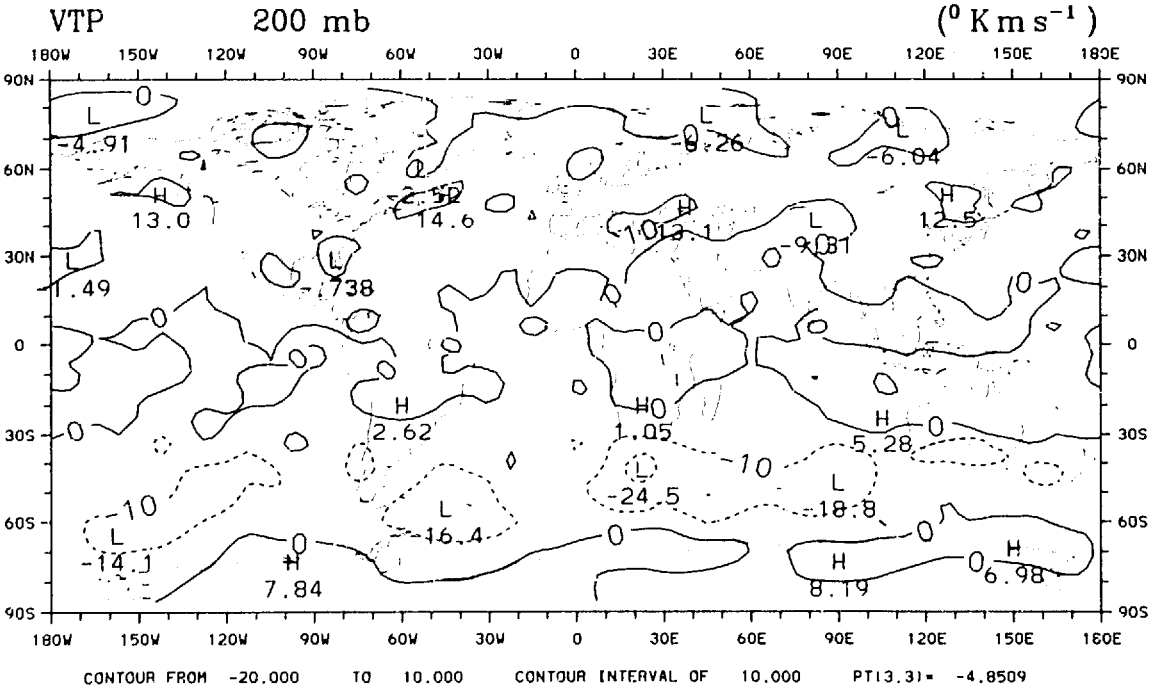



FRAME 1.51


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
VTP
300 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
L -3.45
H 10 14.4
L -6.78
L -6.93
H 11.0
L -6.81
L -2.36
H 7.0
L -3.02
H 2.39
L -17.4
H 3.02
L -15.6
H 1.56
L -11.5
H 4.49
H 2.76
H 2.01
L -5.43
-14.6
H 5.16
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 1.000 PT(3,3)= -0.79103

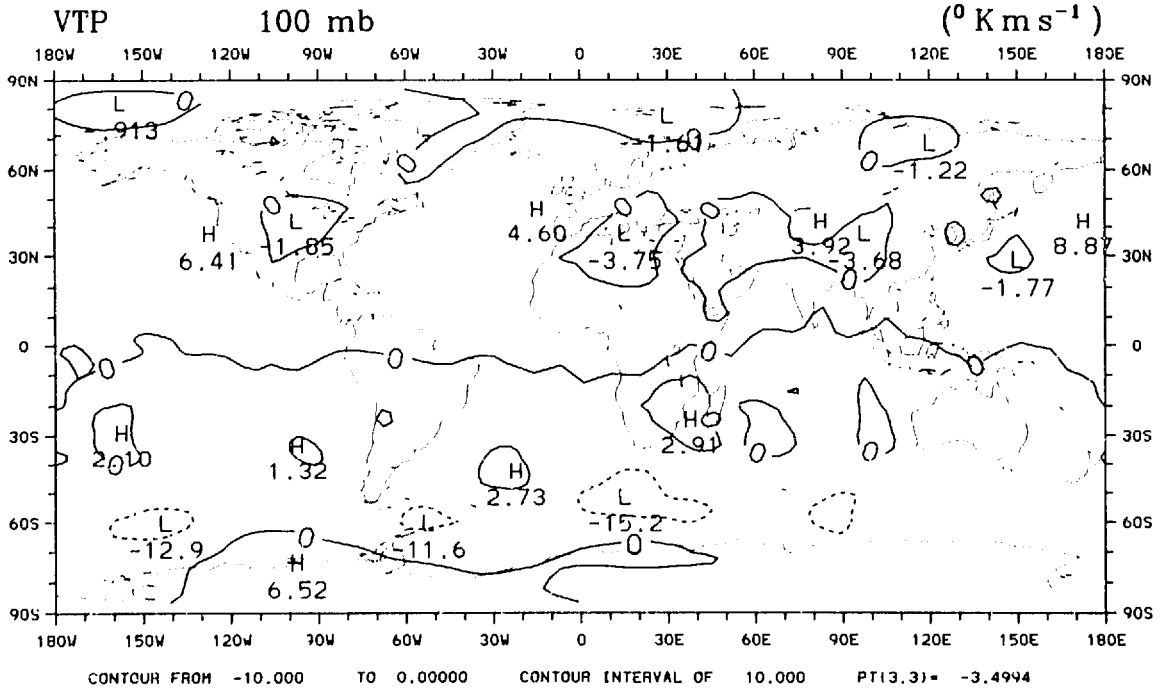
FRAME 1.52

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



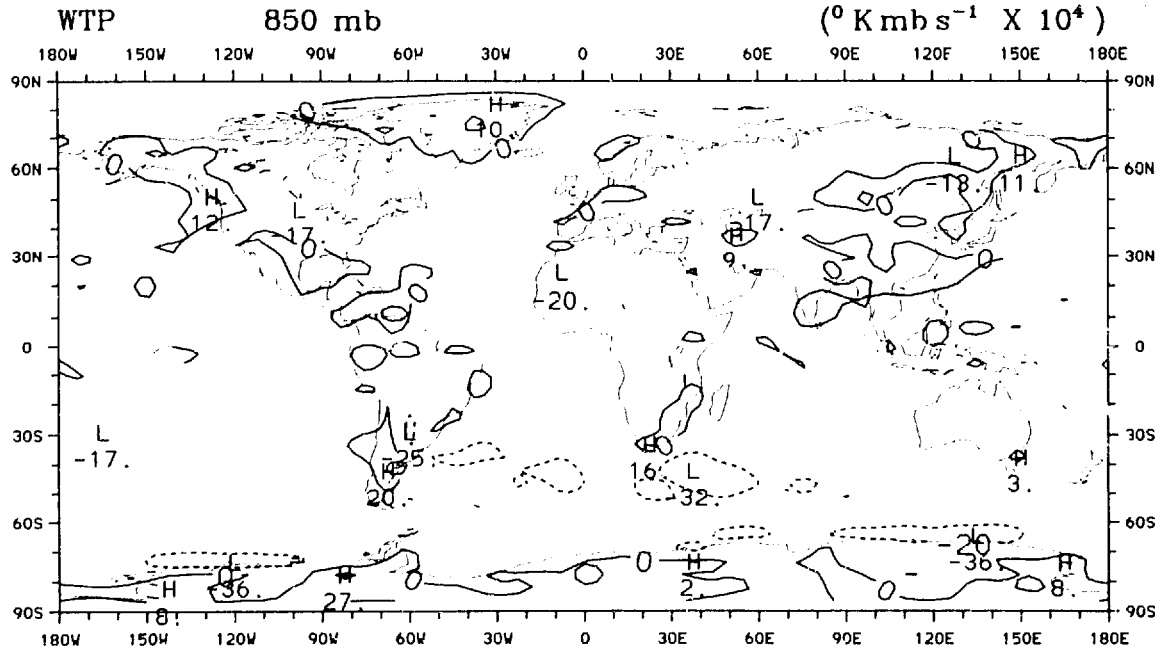

FRAME 1.53

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

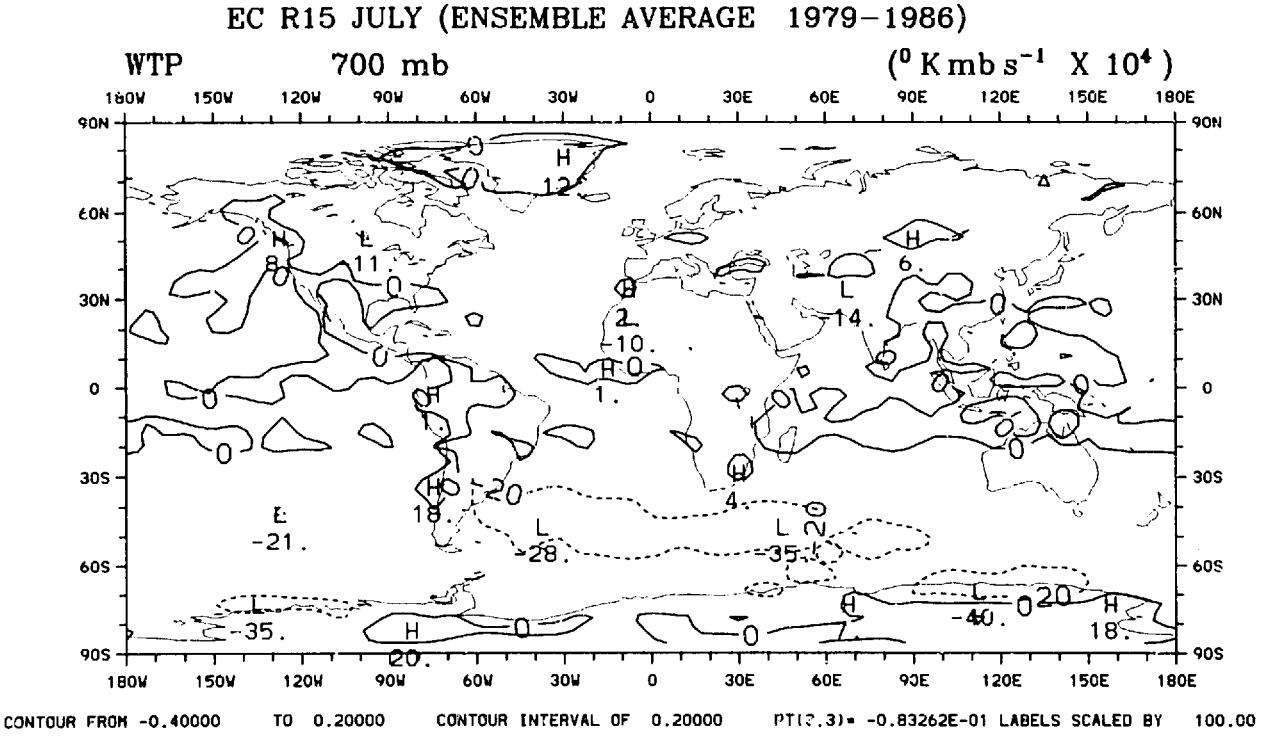



FRAME 1.54

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

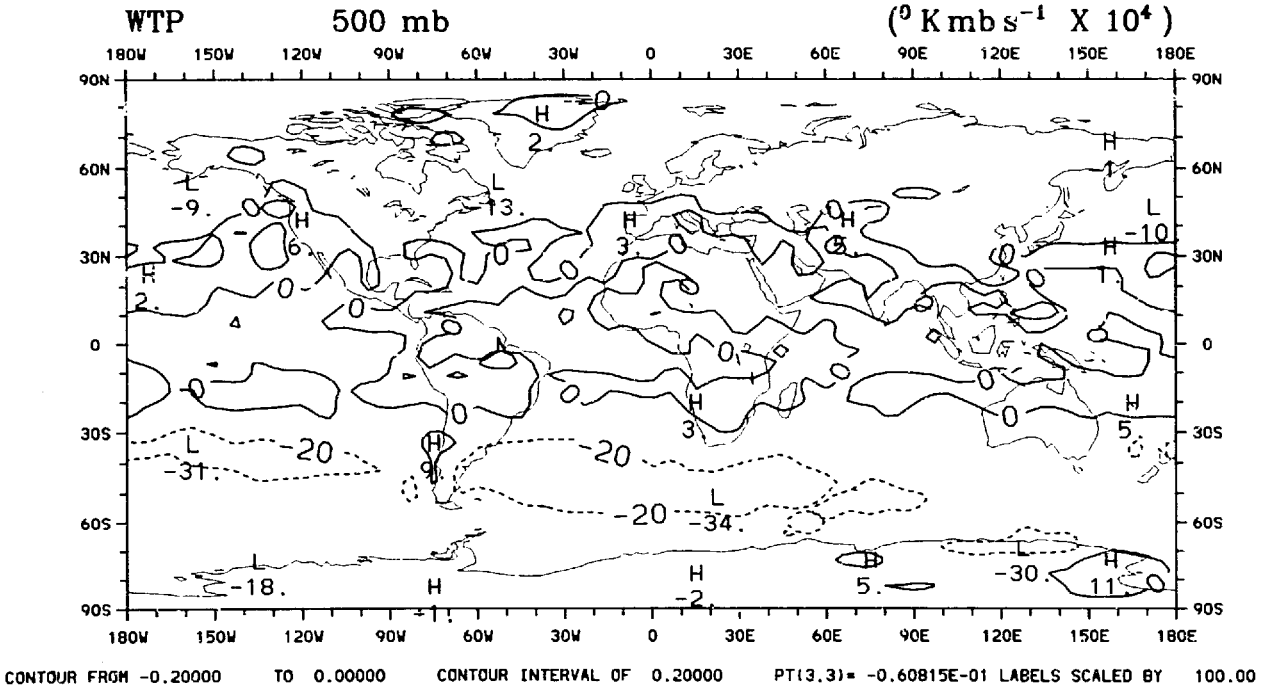



FRAME 1.55


EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)
WTP
700 mb
($^0$ K mb s$^{-1}$ X $10^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.40000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(?,3)= -0.83262E-01 LABELS SCALED BY 100.00

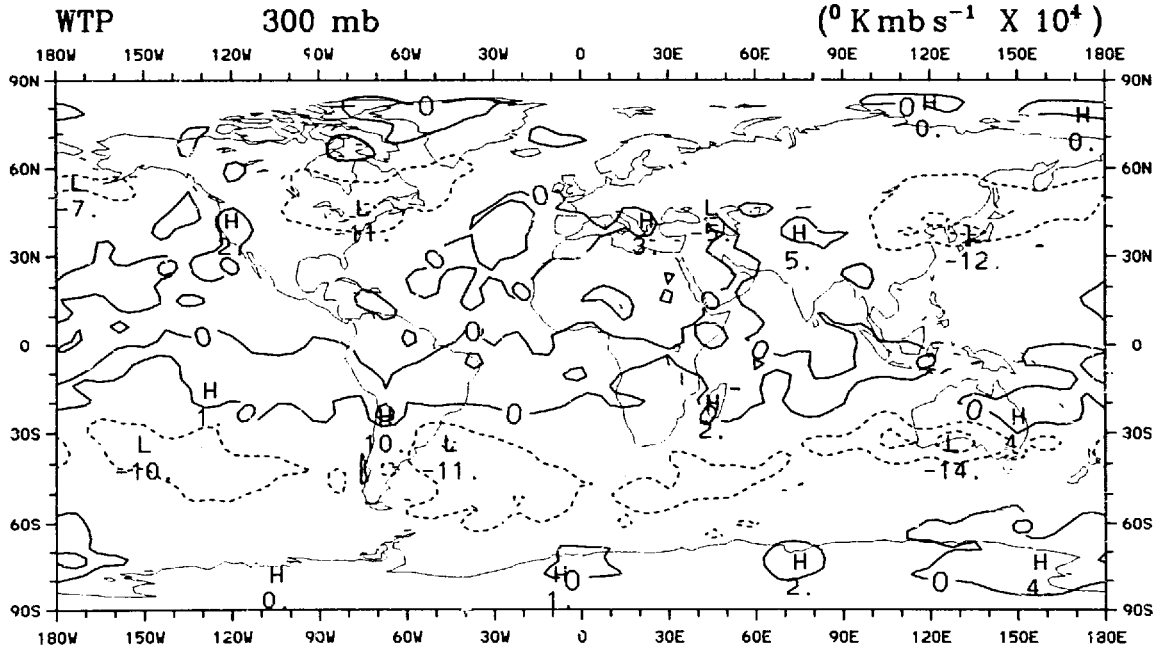
FRAME 1.56

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.57

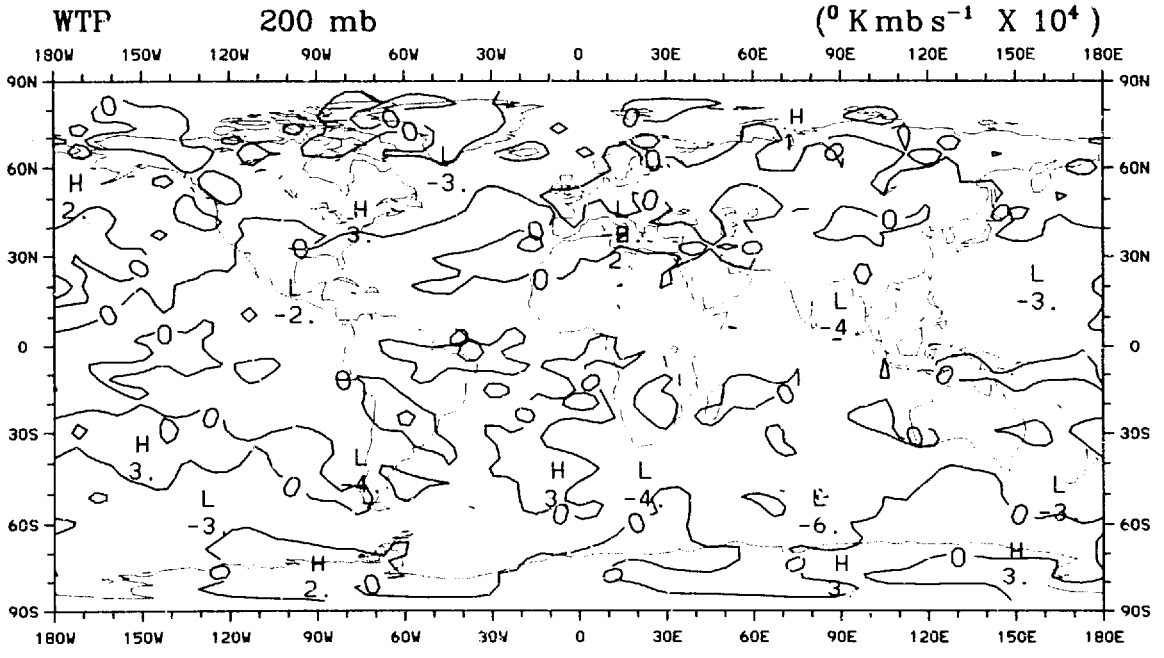
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.87169E-02 LABELS SCALED BY 100.00

FRAME 1.58

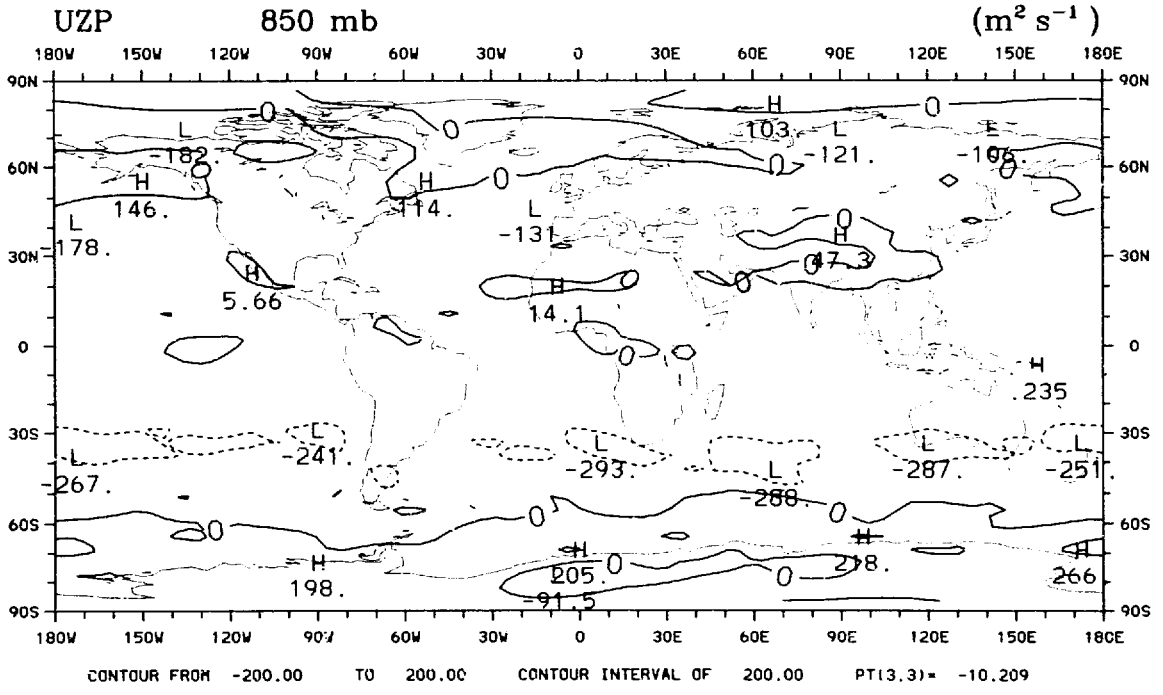
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-01 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.21735E-01 LABELS SCALED BY 100.00

FRAME 1.59

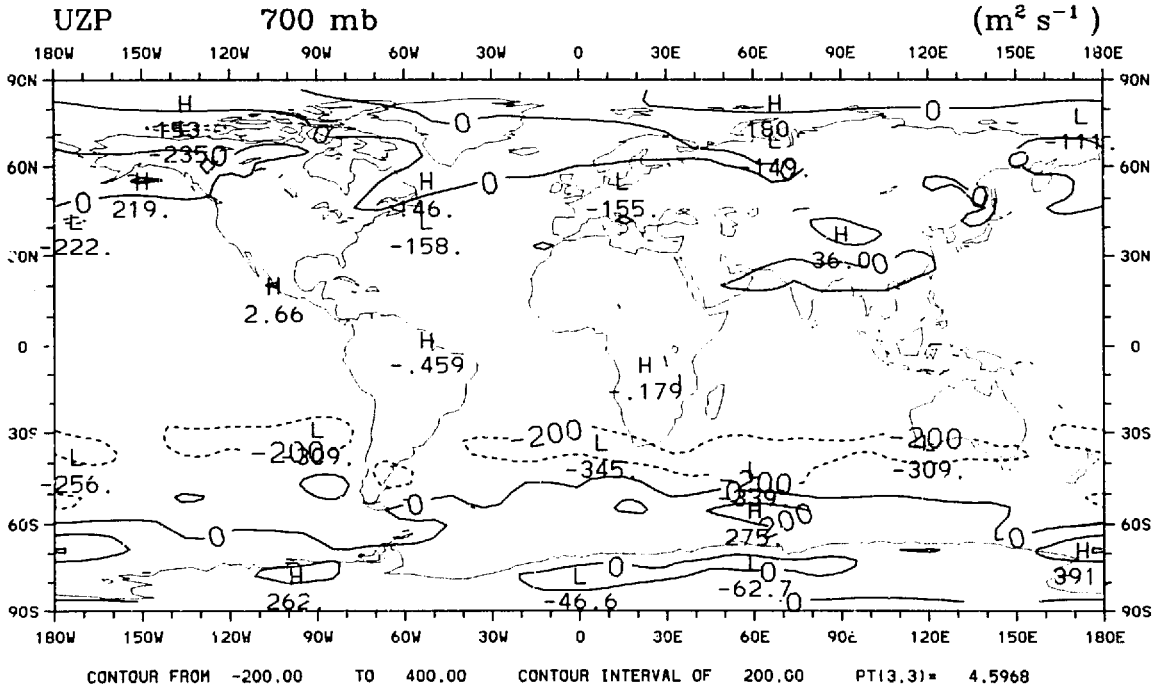
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -200.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= -10.209

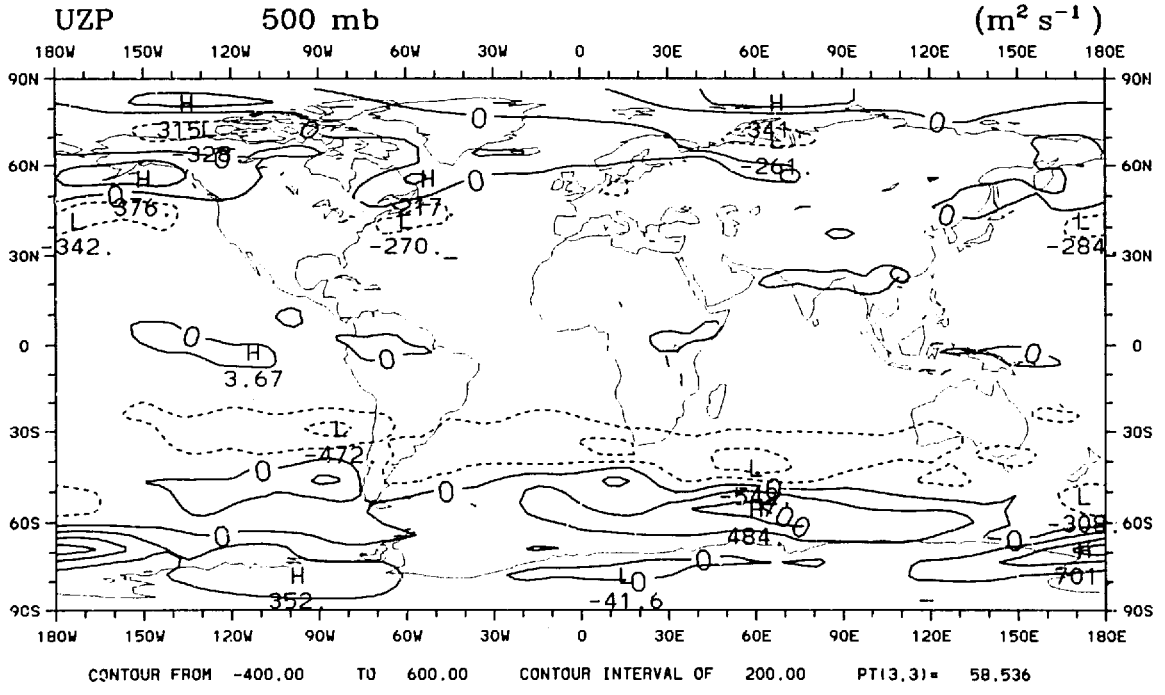
FRAME 1.60

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

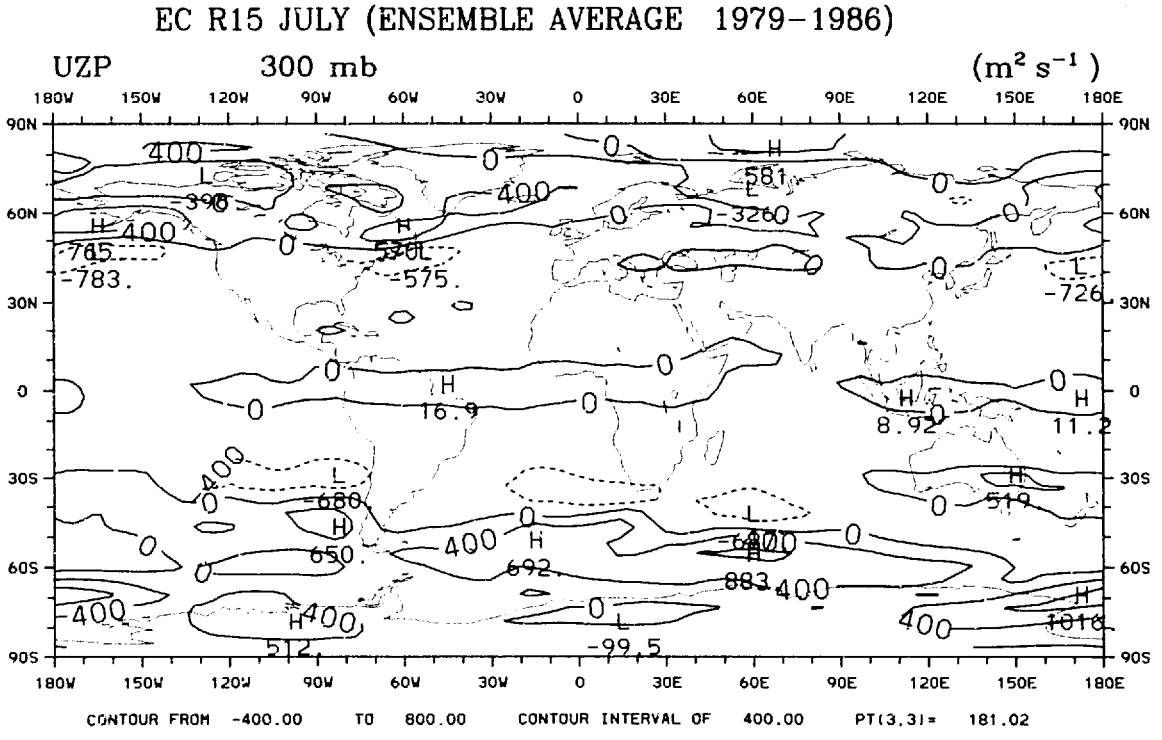



FRAME 1.61

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

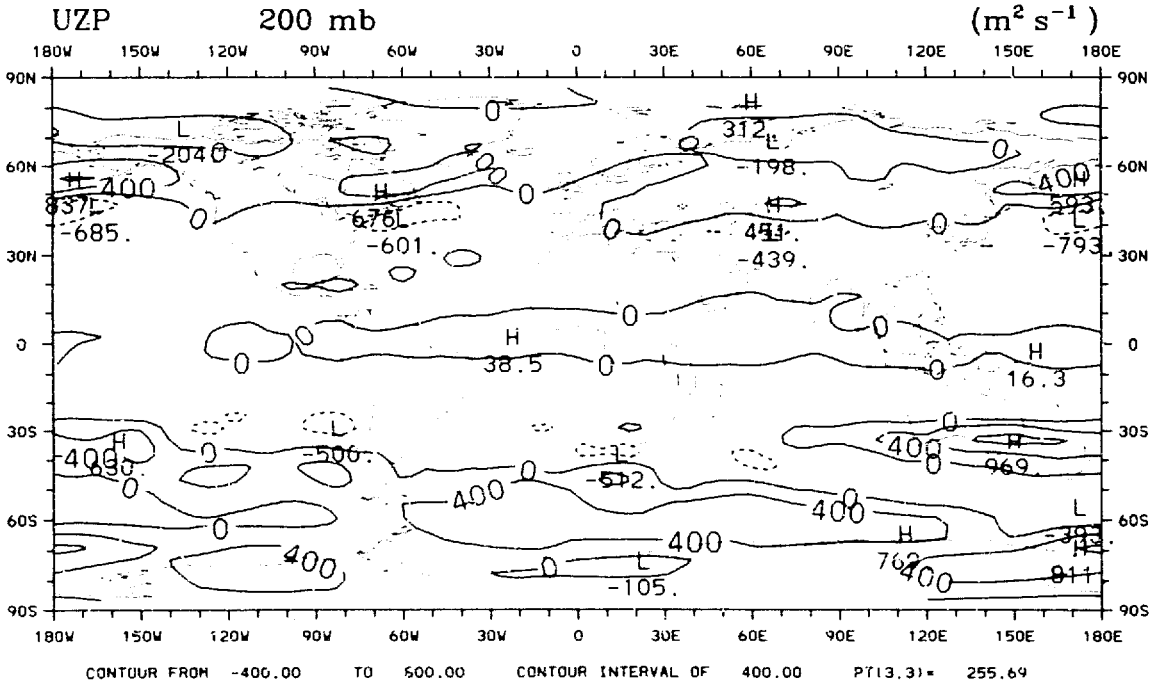



FRAME 1.62


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
UZP
300 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -400.00 TO 800.00 CONTOUR INTERVAL OF 400.00 PT(3,3)= 181.02

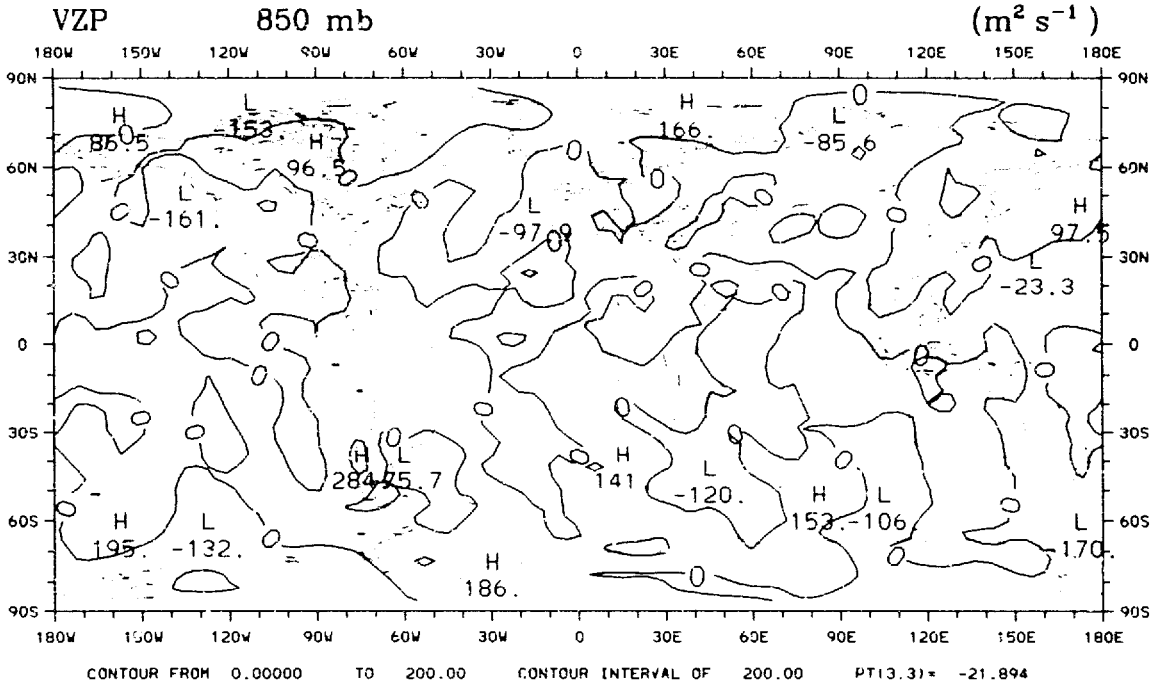
FRAME 1.63

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



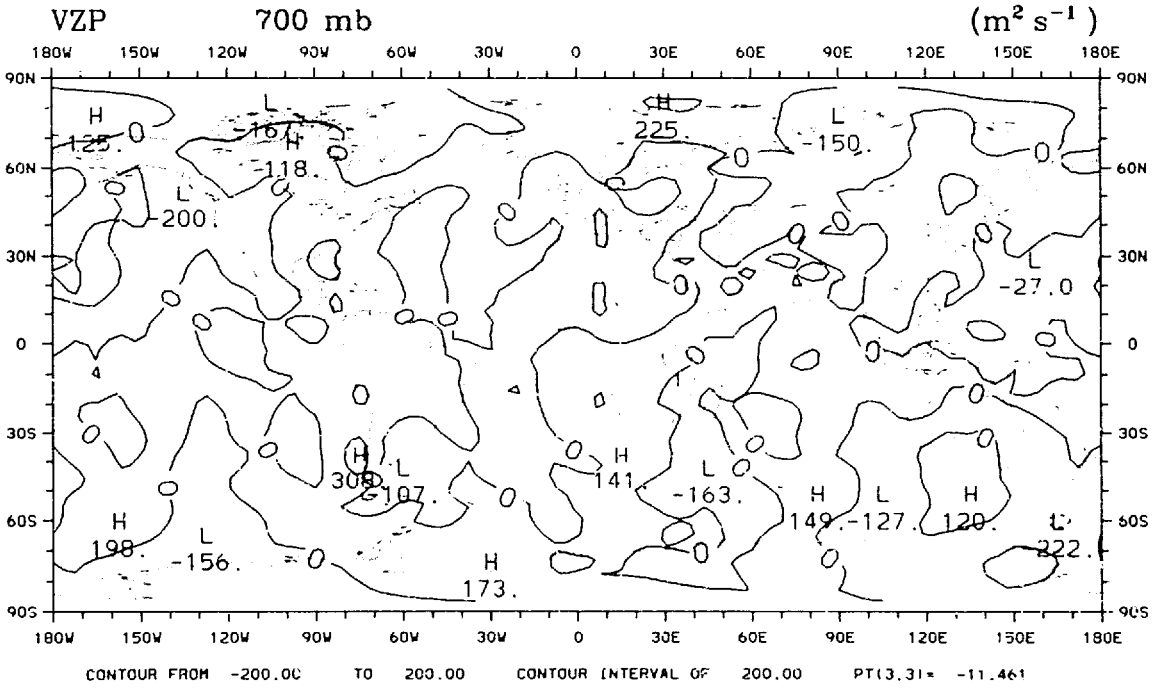

FRAME 1.64

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



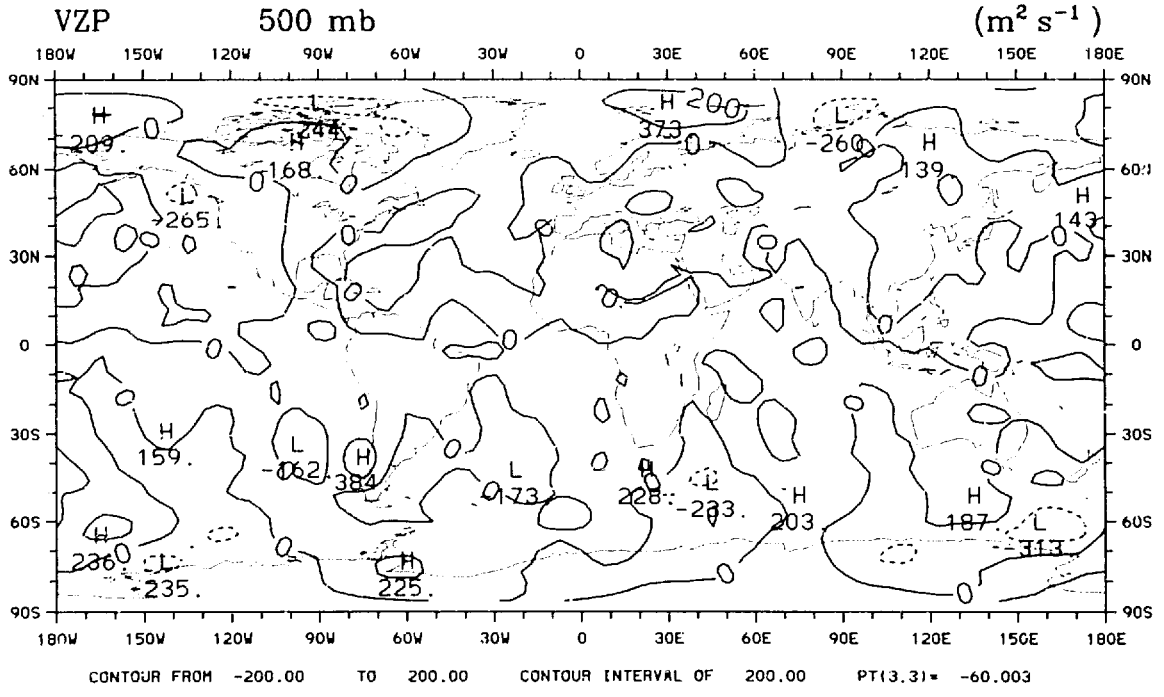

FRAME 1.65

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



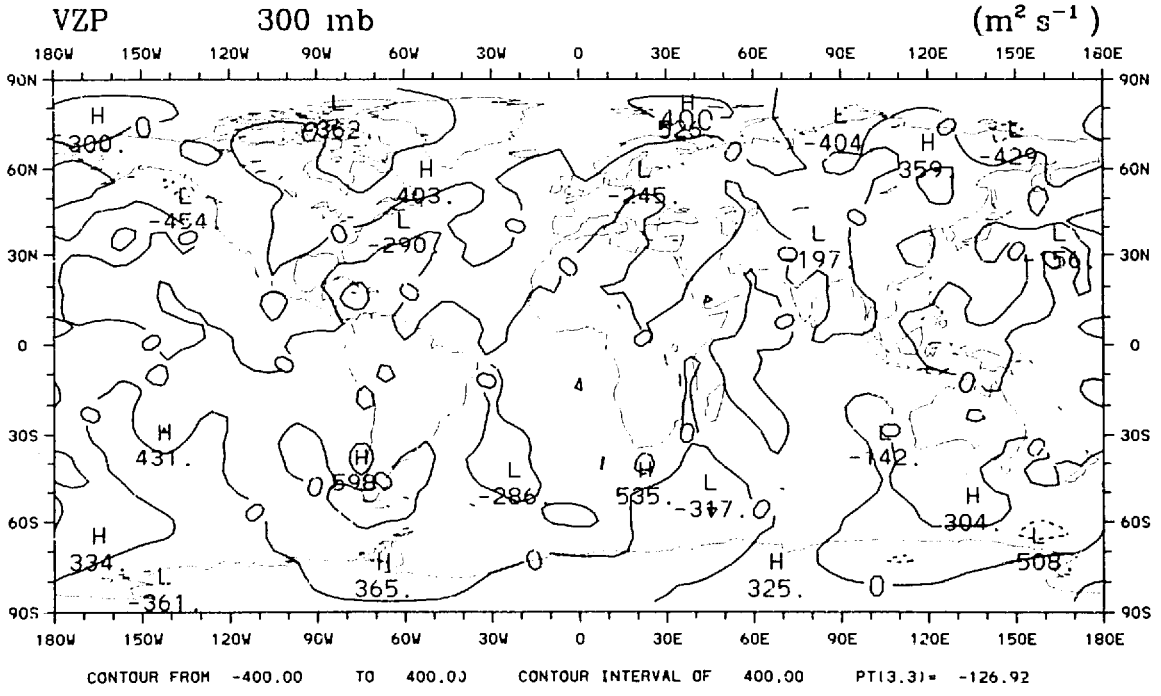

FRAME 1.66

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



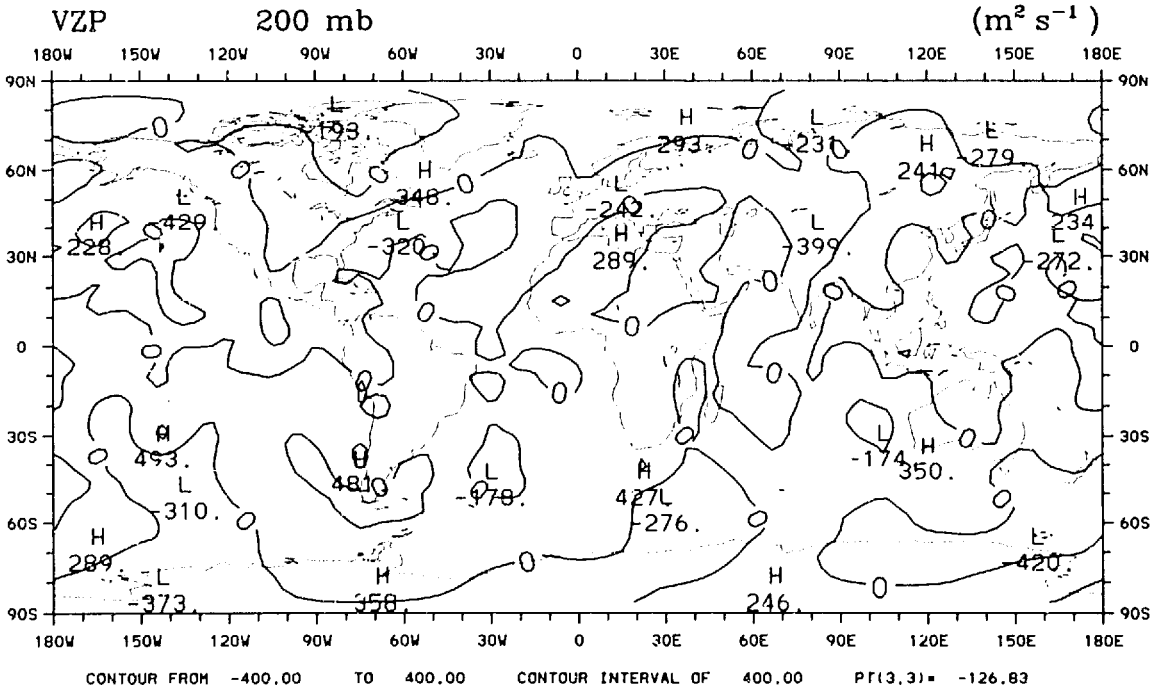

FRAME 1.67

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

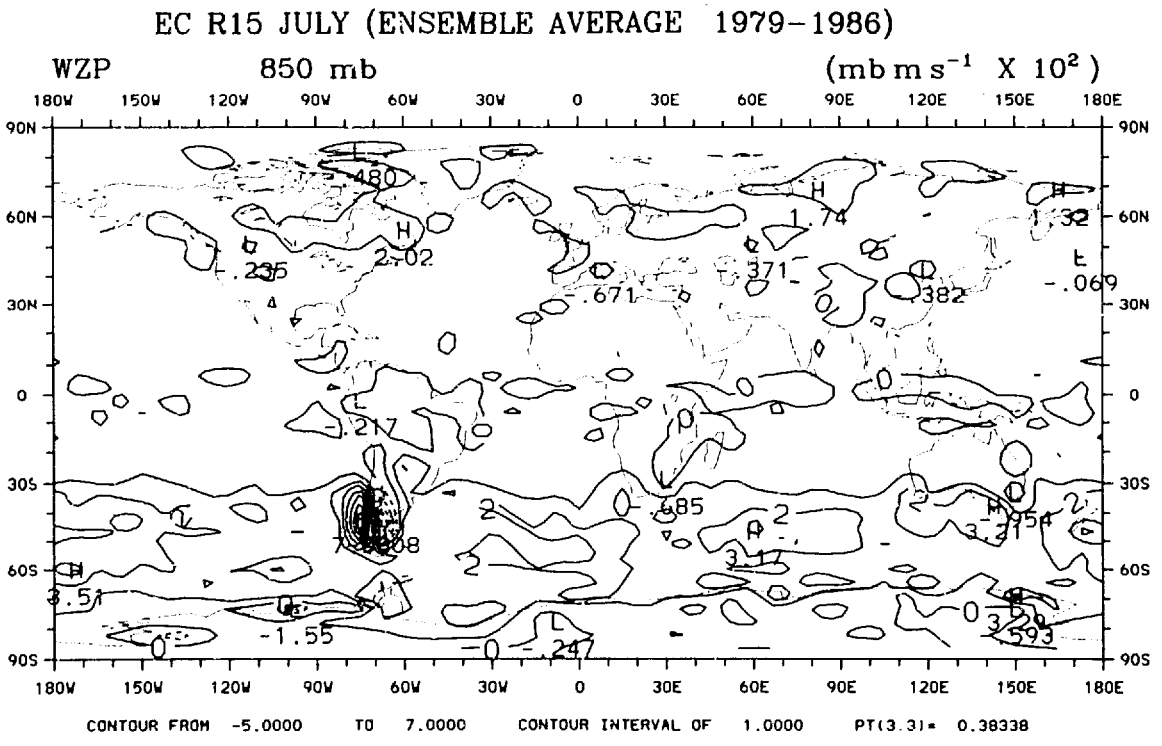



FRAME 1.68

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

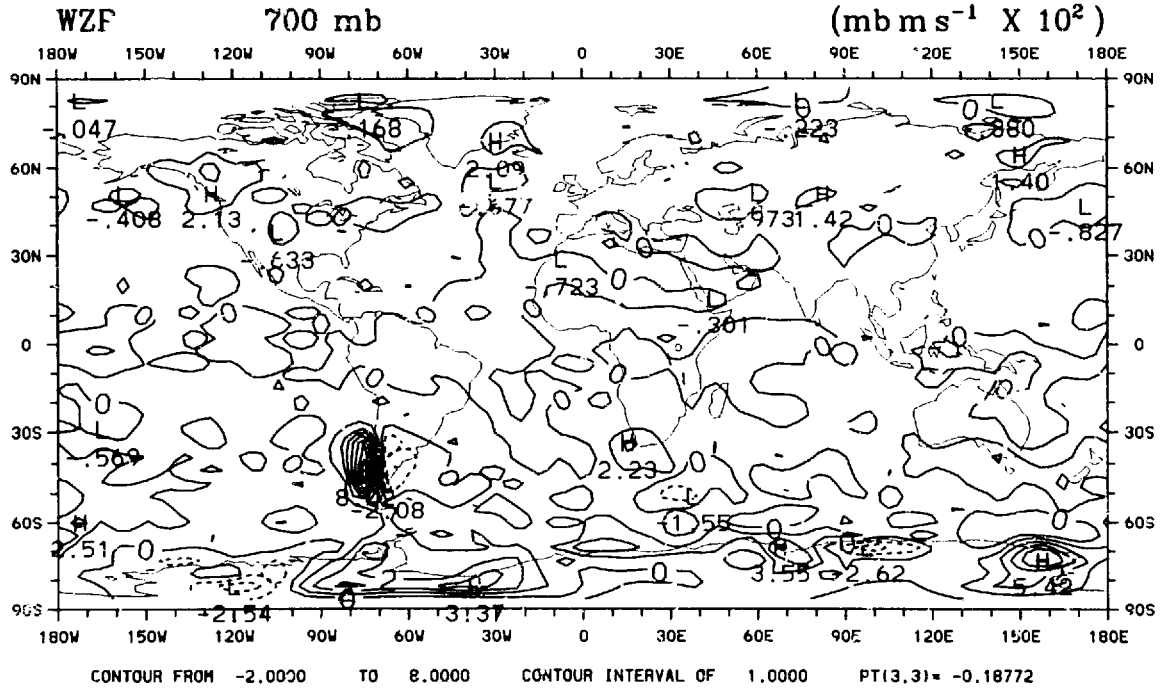



FRAME 1.69

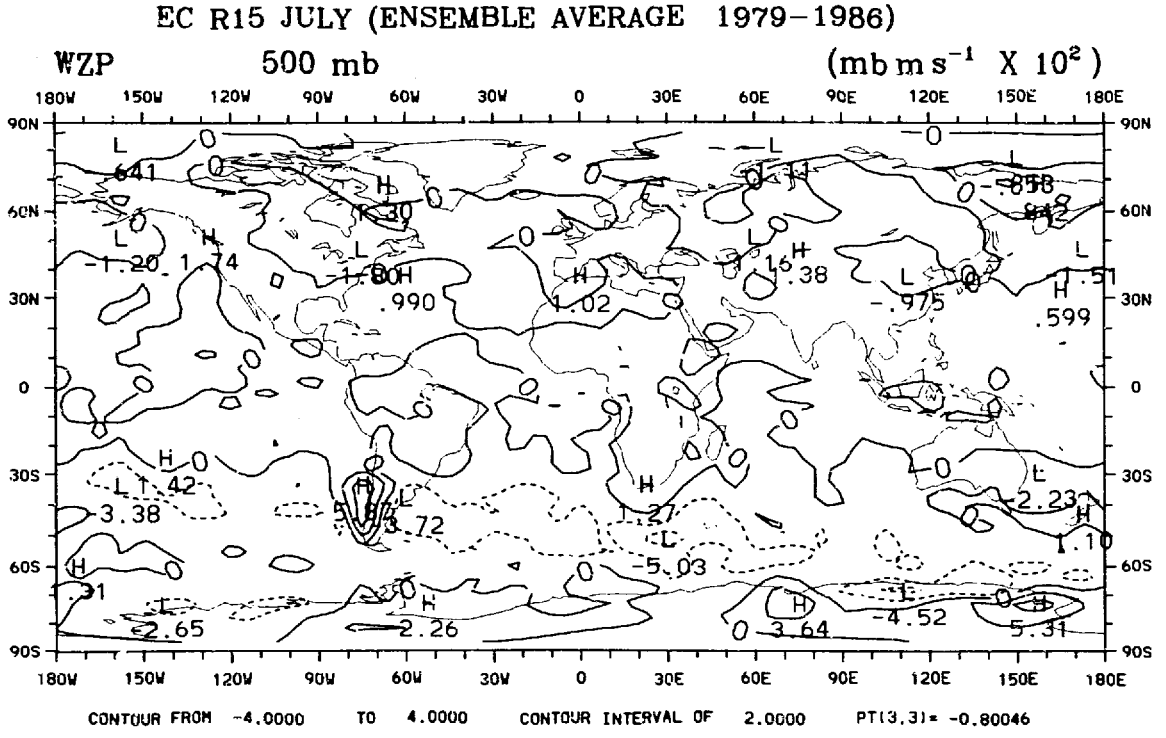

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
WZP
850 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -5.0000 TO 7.0000 CONTOUR INTERVAL OF 1.0000 PT(3.3)= 0.38338

FRAME 1.70

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

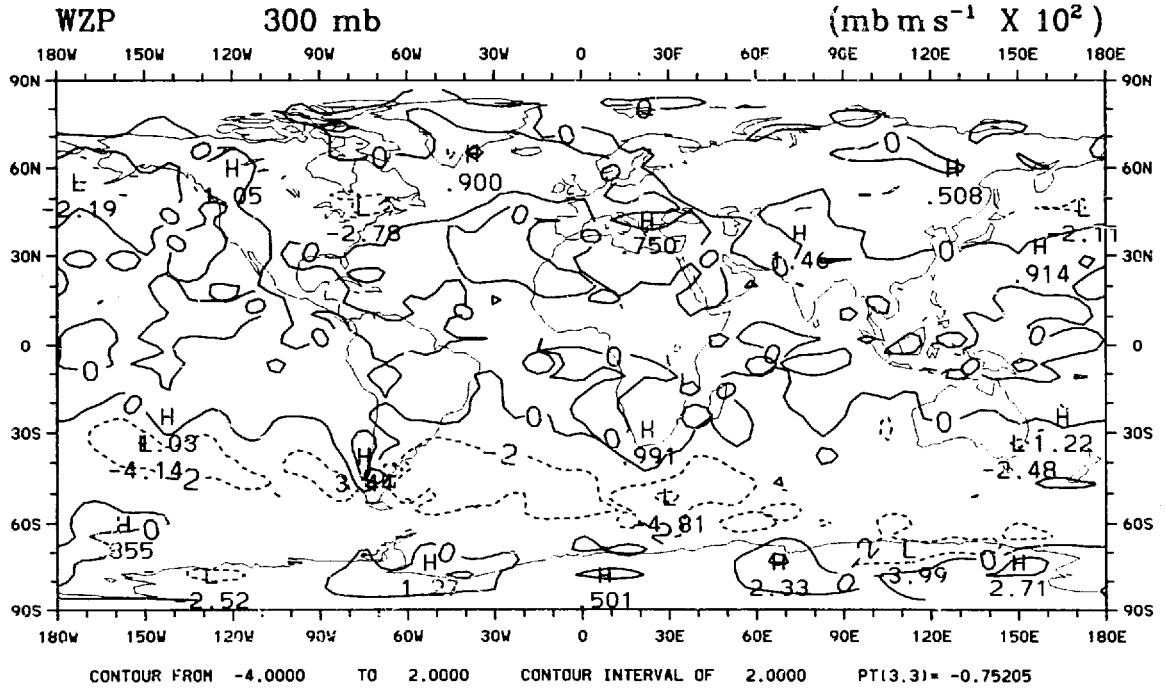



FRAME 1.71

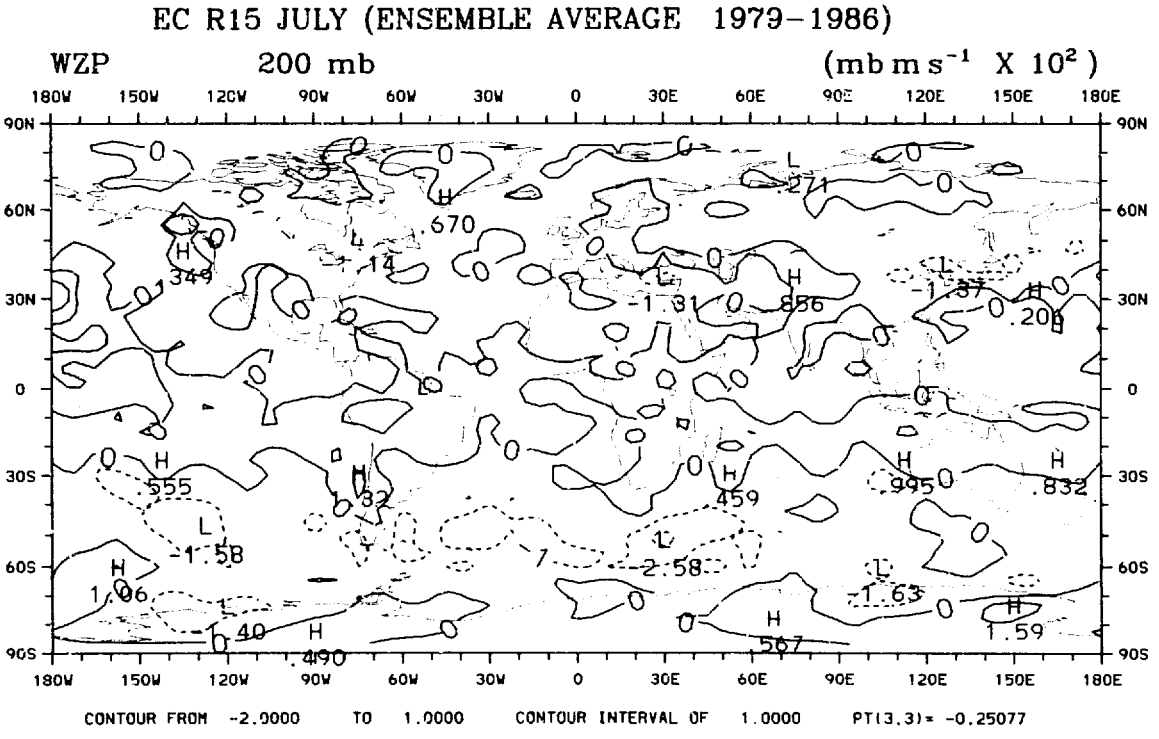

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
WZP
500 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -4.0000 TO 4.0000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= -0.80046

FRAME 1.72

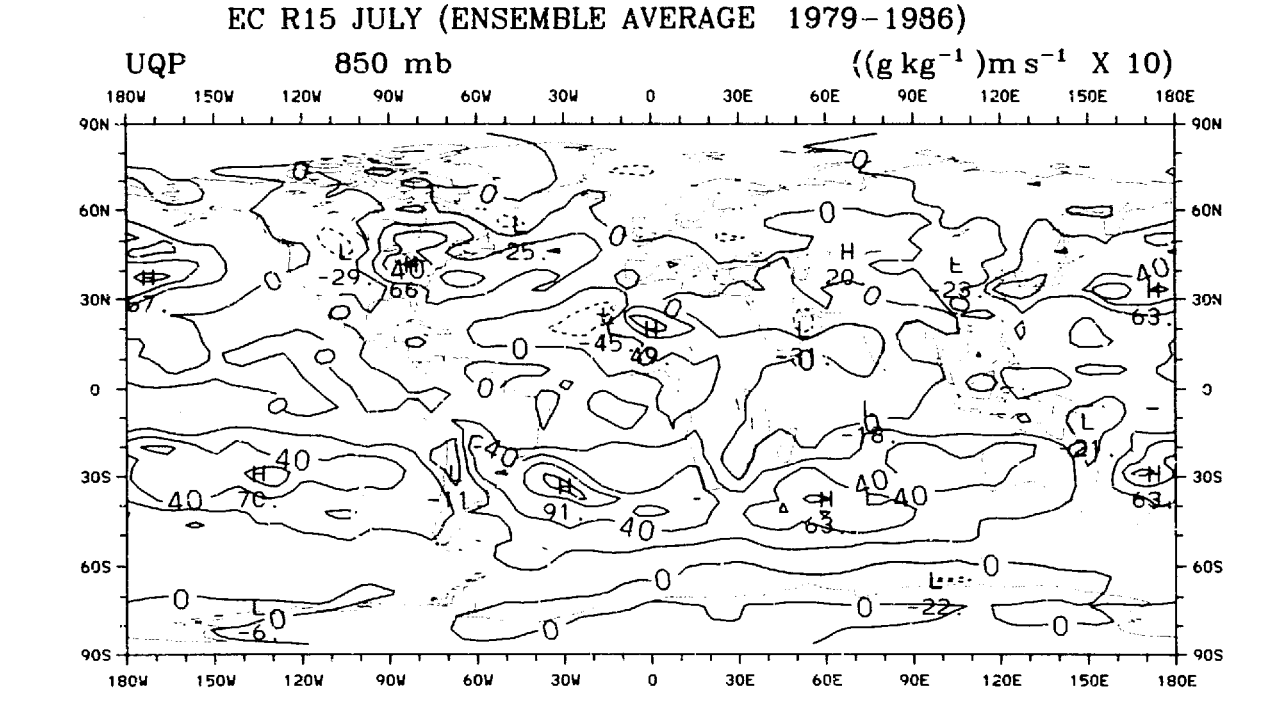
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1,73

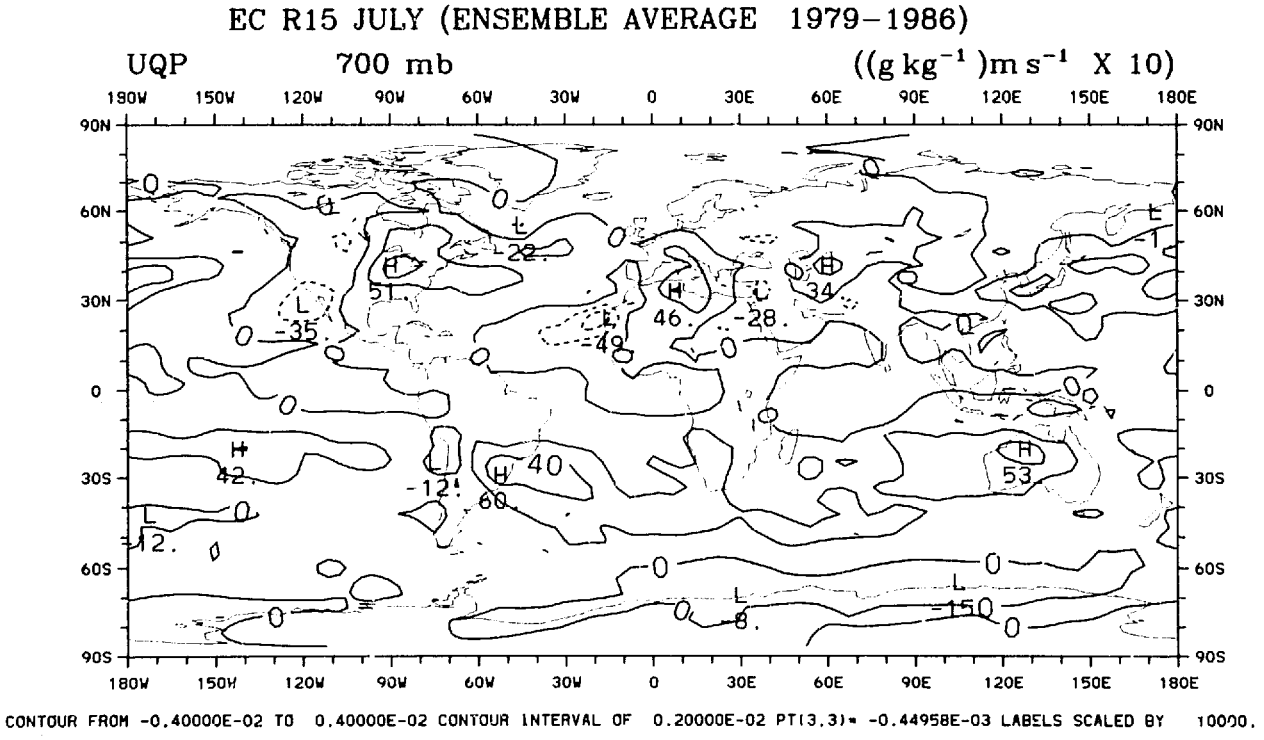

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
WZP
200 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -2.0000 TO 1.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= -0.25077

FRAME 1.74



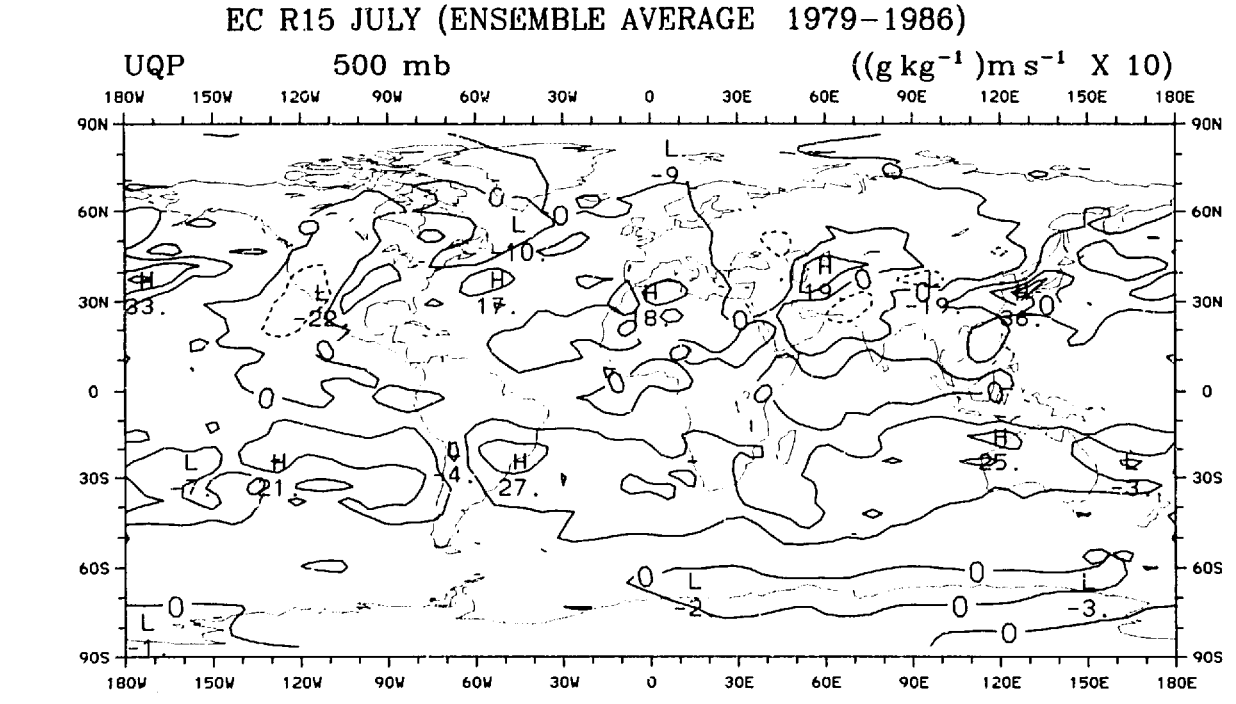

CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.50108E-03 LABELS SCALED BY 10000.

FRAME 1.75



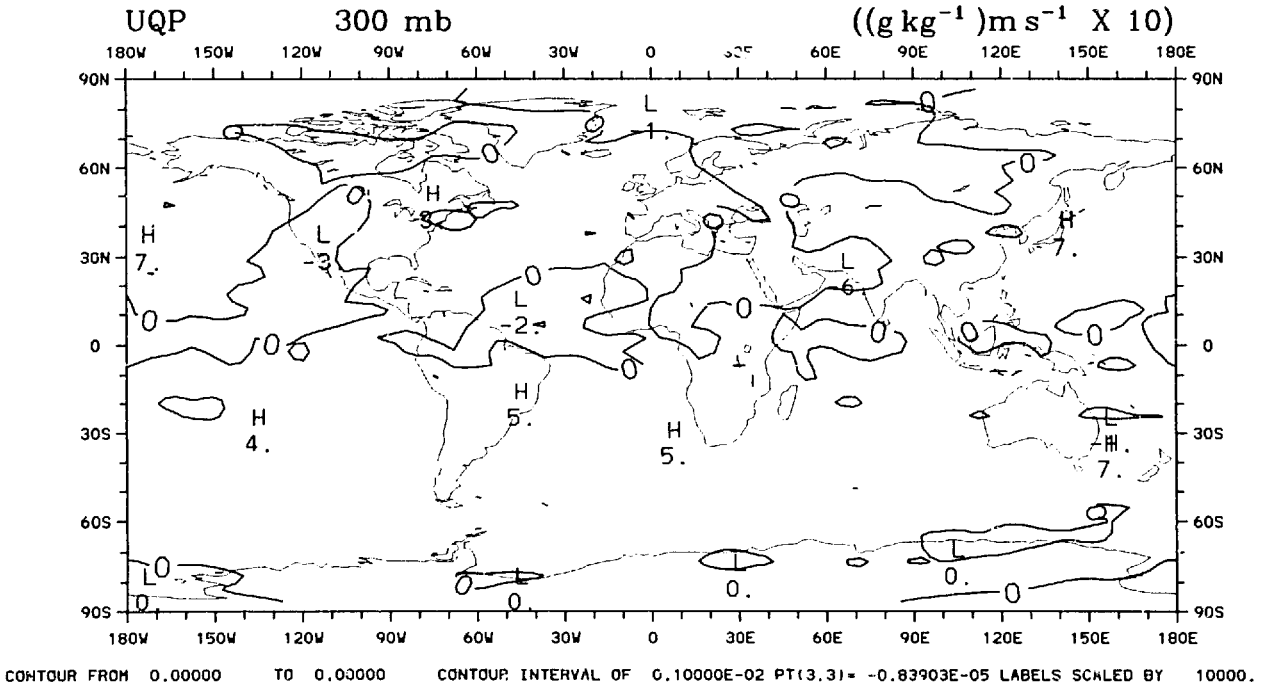

CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.44958E-03 LABELS SCALED BY 10000.

FRAME 1.76


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
UQP
500 mb
((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.20000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.12214E-03 LABELS SCALED BY 10000.

FRAME 1,77

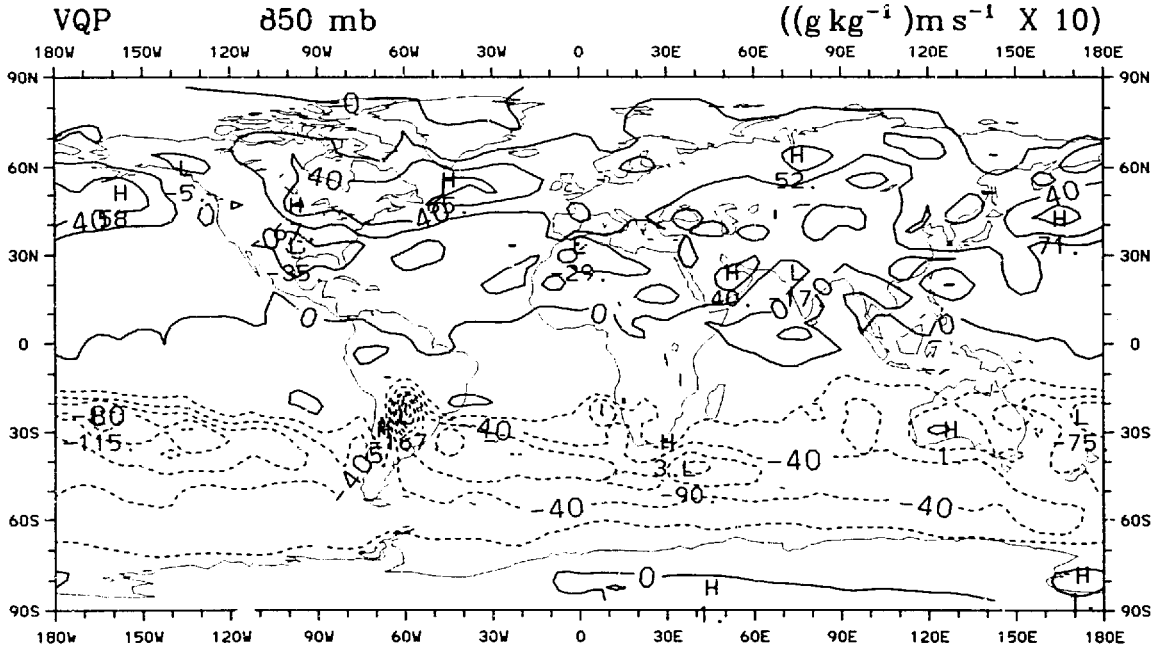
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.83903E-05 LABELS SCALED BY 10000.

FRAME 1.78

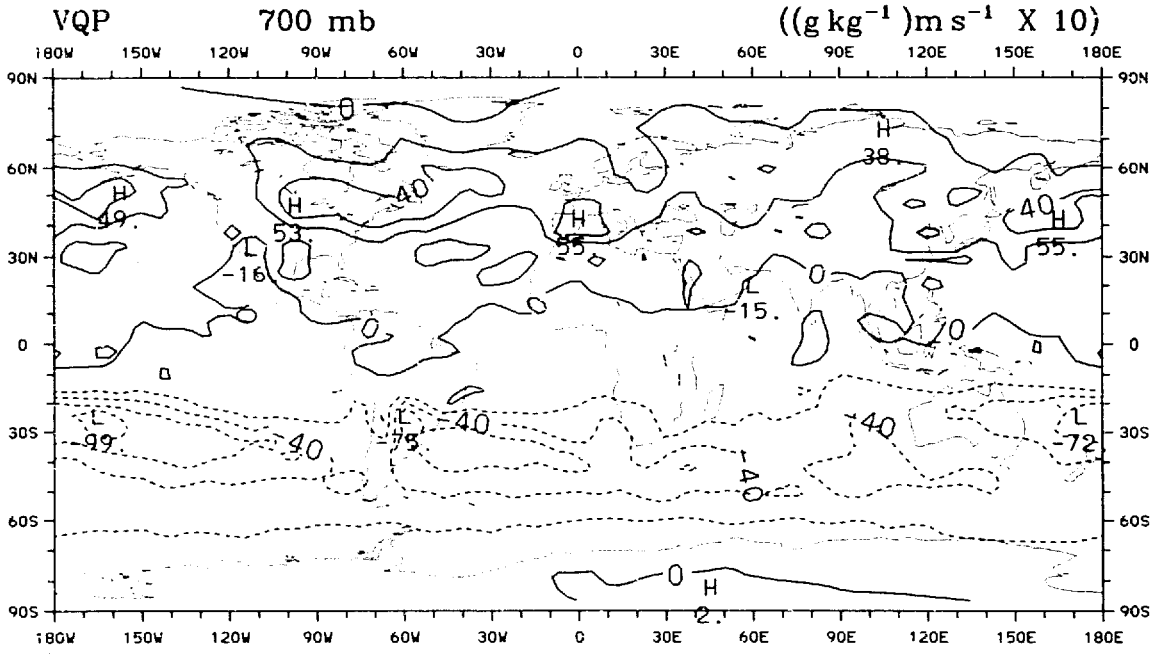
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.16000E-01 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.25303E-03 LABELS SCALED BY 10000.

FRAME 1.79

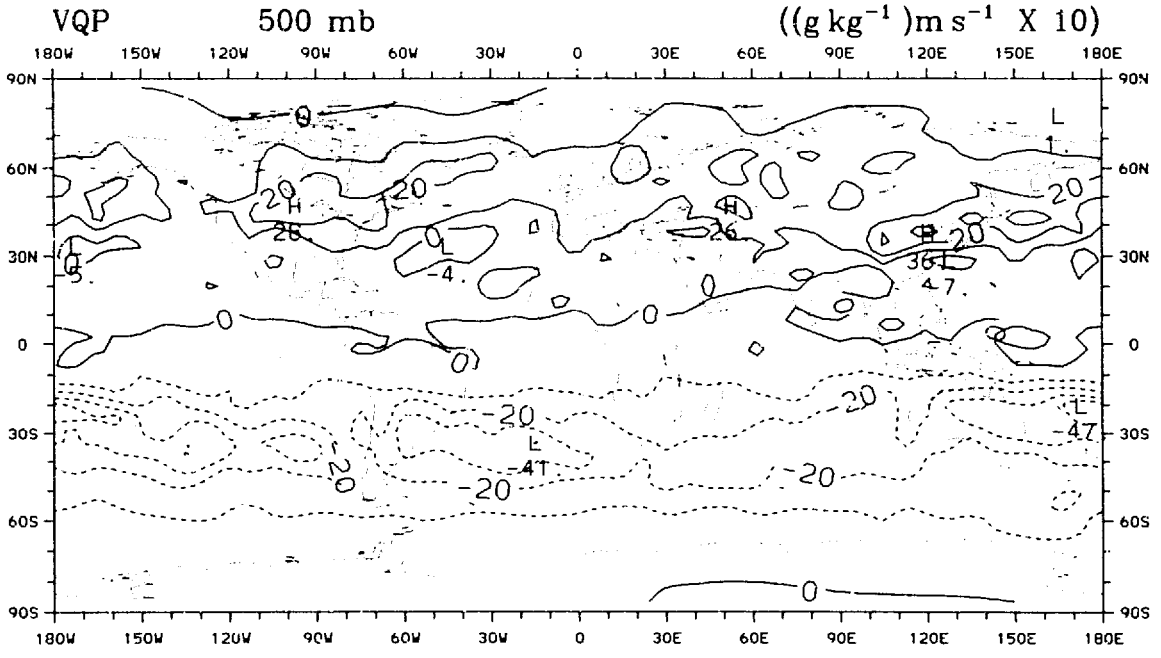
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.35476E-03 LABELS SCALED BY 10000.

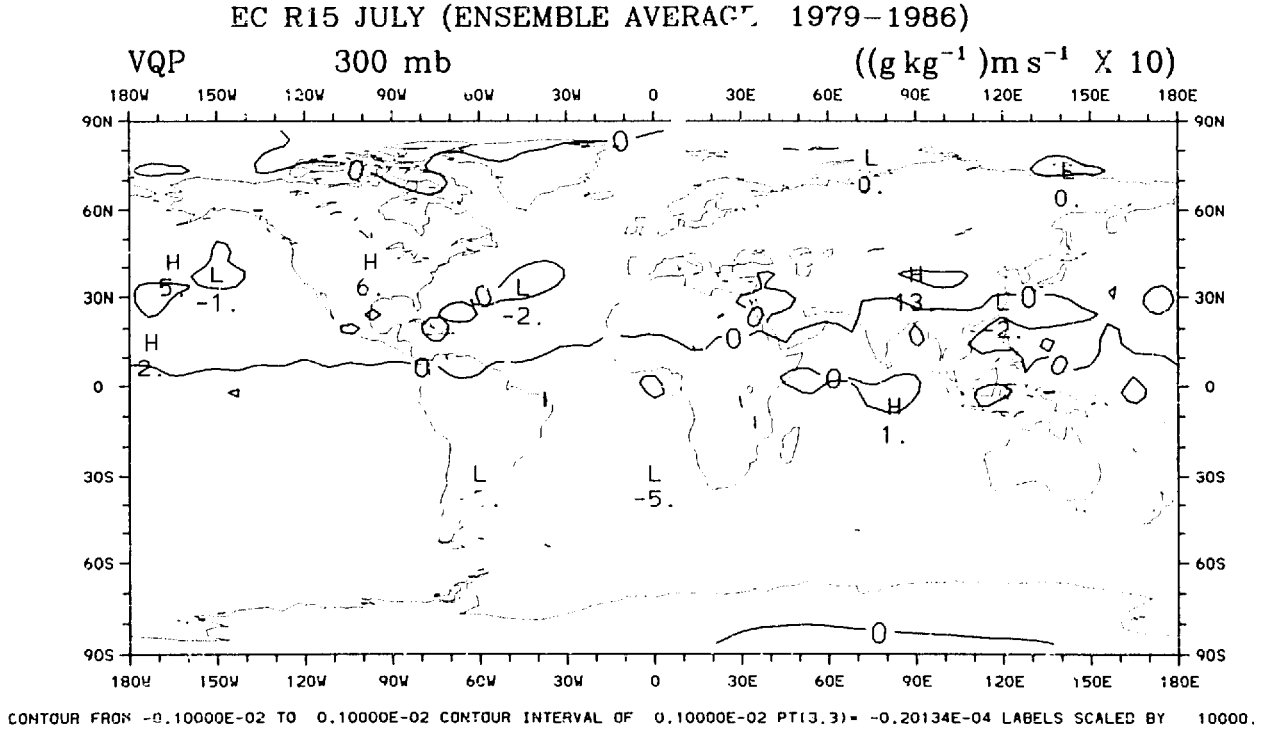
FRAME 1.80

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

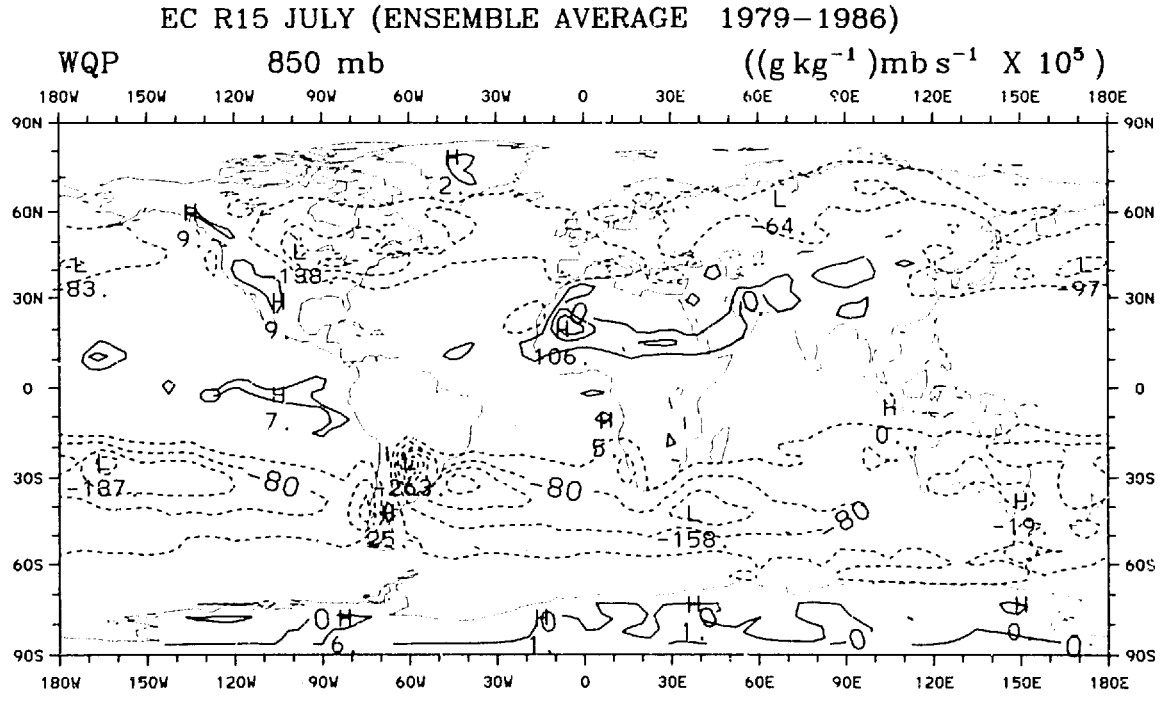



CONTOUR FROM -0.40000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.14829E-03 LABELS SCALED BY 10000.

FRAME 1.81


EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)
VQP 300 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 5. L -1.
H 6.
L -2.
H 2.
L -5.
H 1.
L 13.
L 2.
L 0.
0.
CONTOUR FROM -0.10000E-02 TO 0.10000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.20134E-04 LABELS SCALED BY 10000.

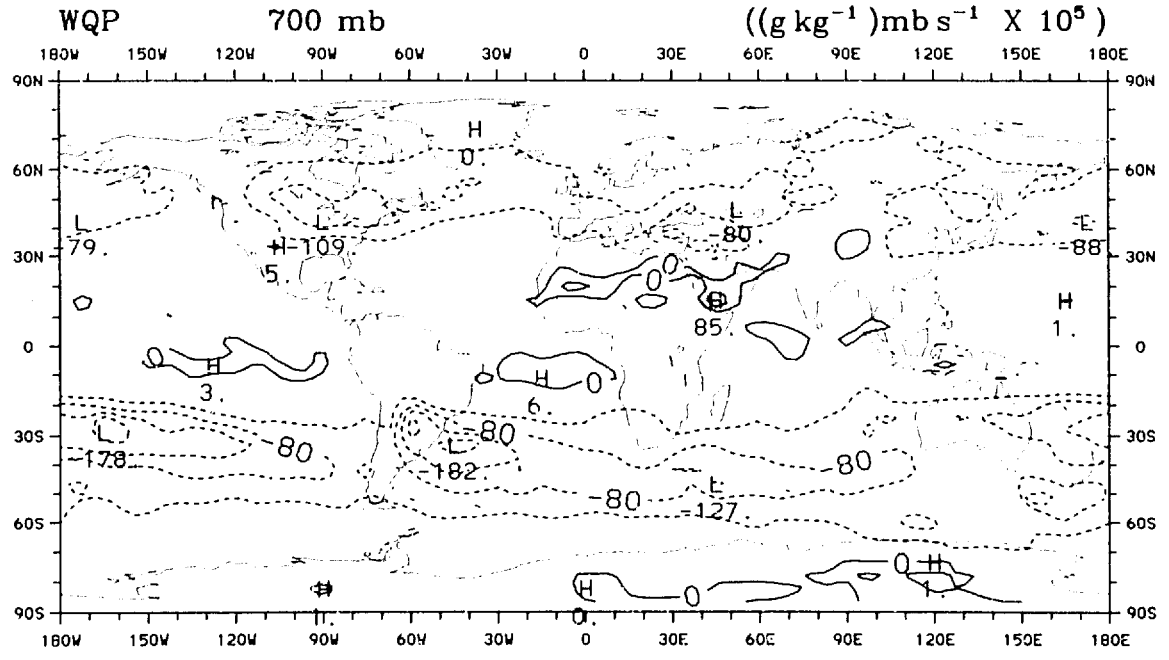
FRAME 1.82




CONTOUR FROM -0.24000E-03 TO 0.80000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.59244E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

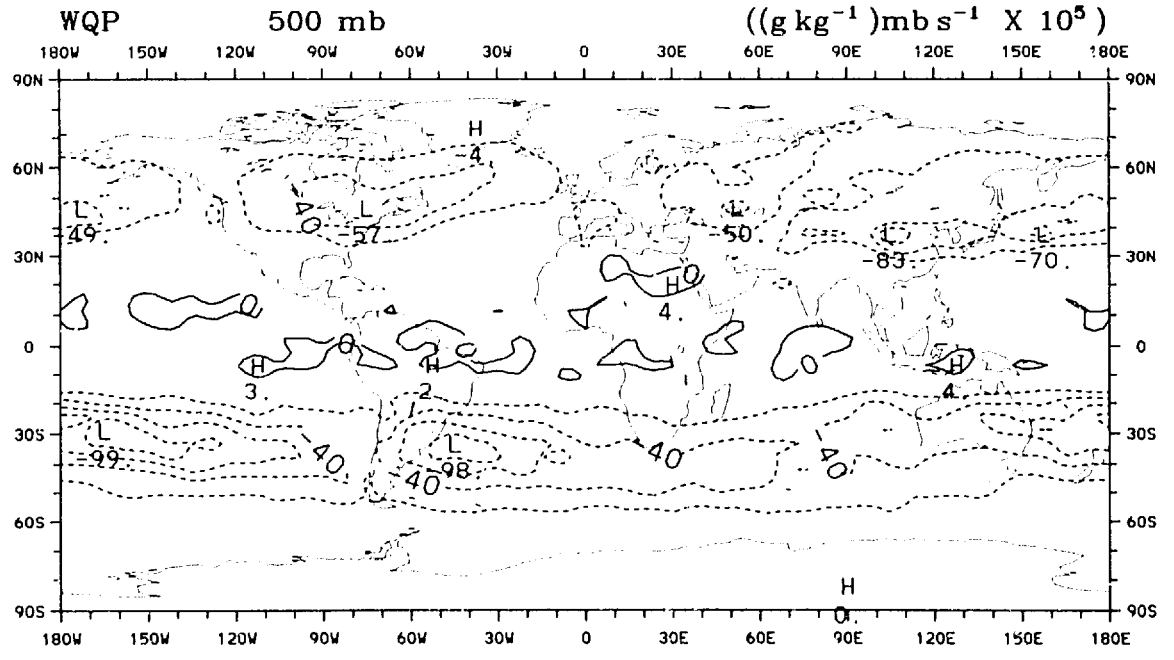
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.16000E-03 TO 0.80000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.78712E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.84

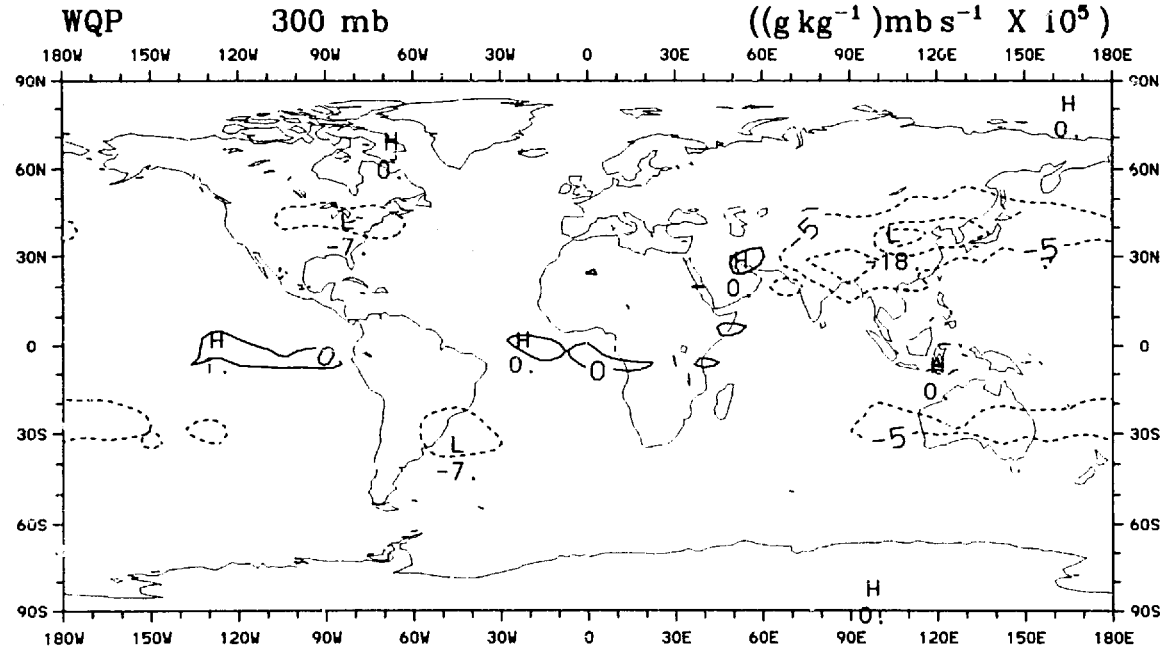
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.30609E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

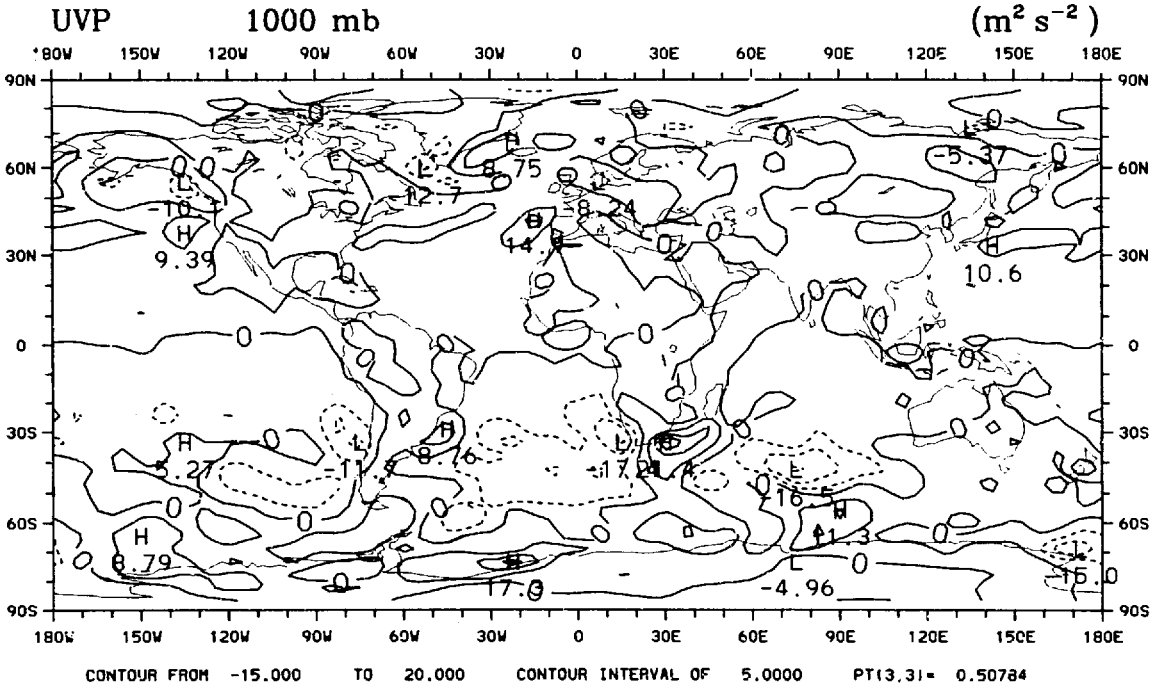
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



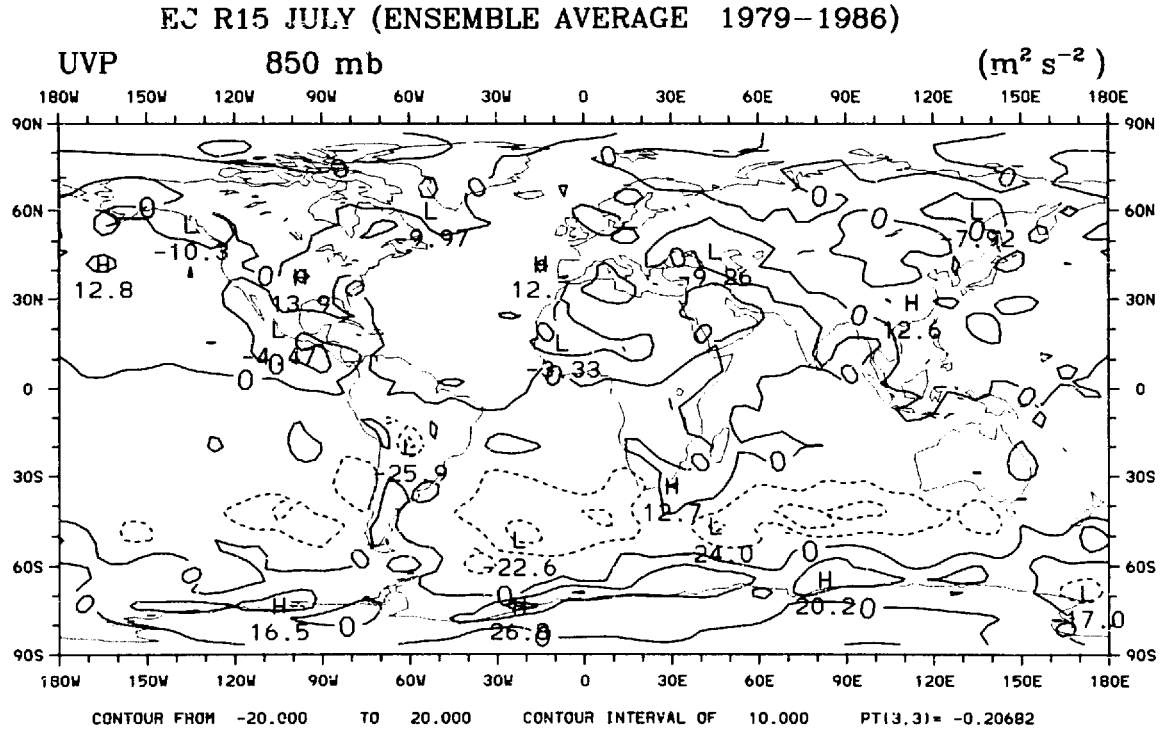

CONTOUR FROM -0.15000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.13882E-06 LABELS SCALED BY 0.10000E+07

FRAME 1.86

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

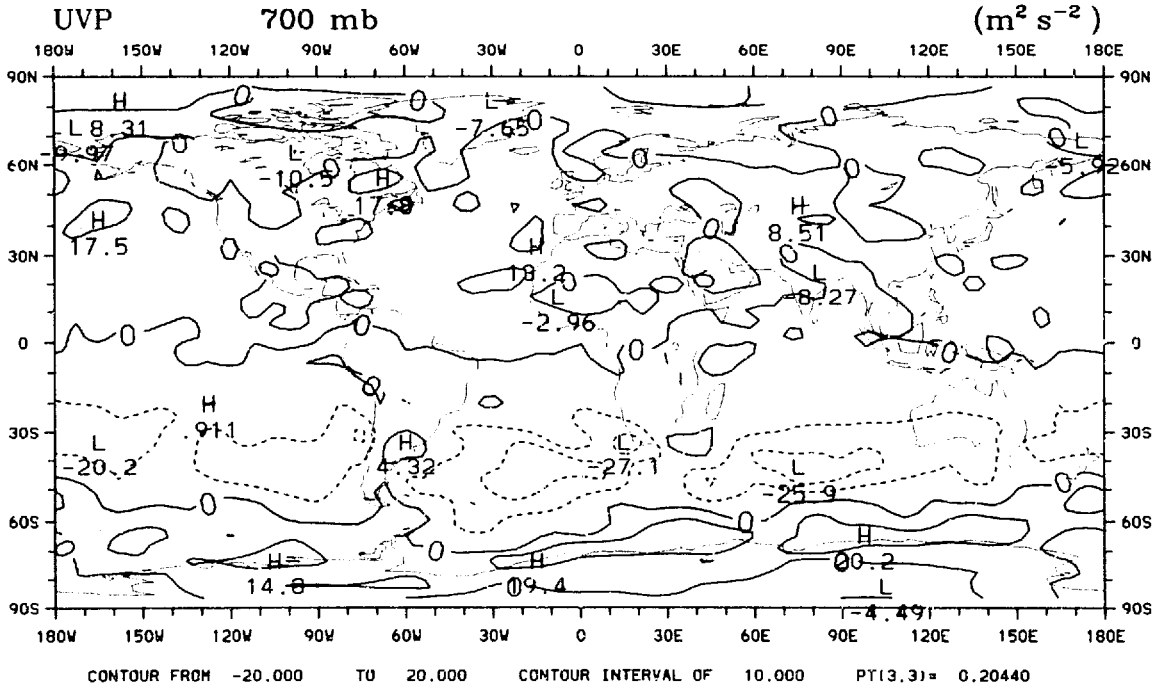



FRAME 1.87


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
UVP
850 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -0.20682

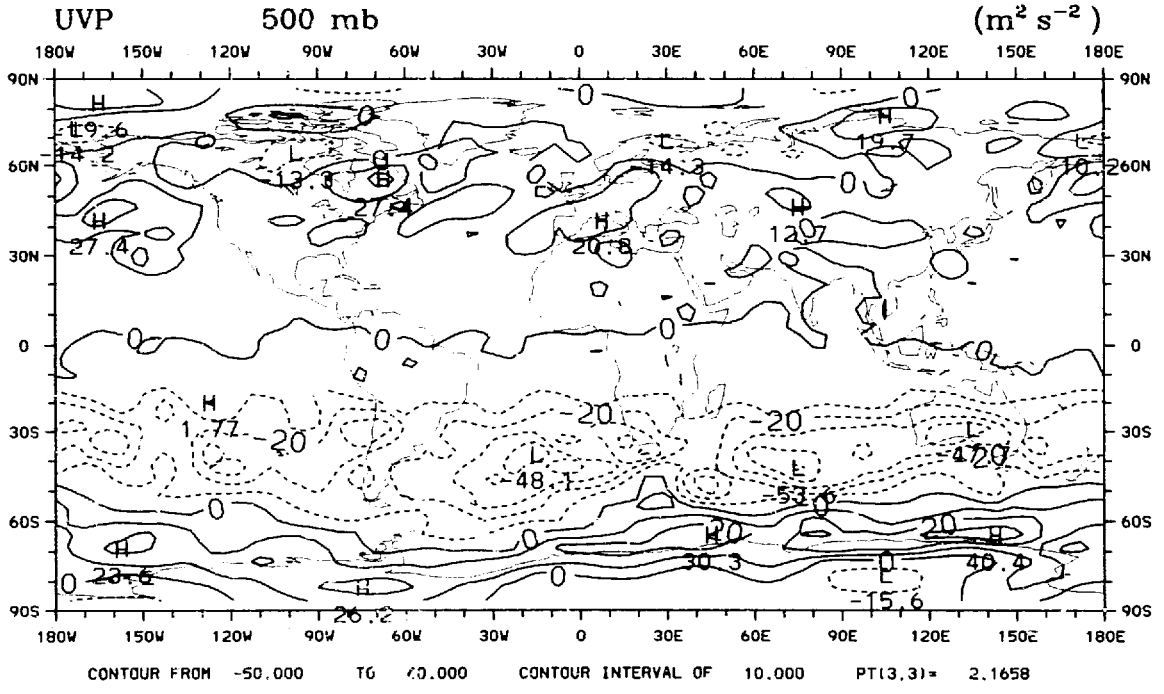
FRAME 1.88

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



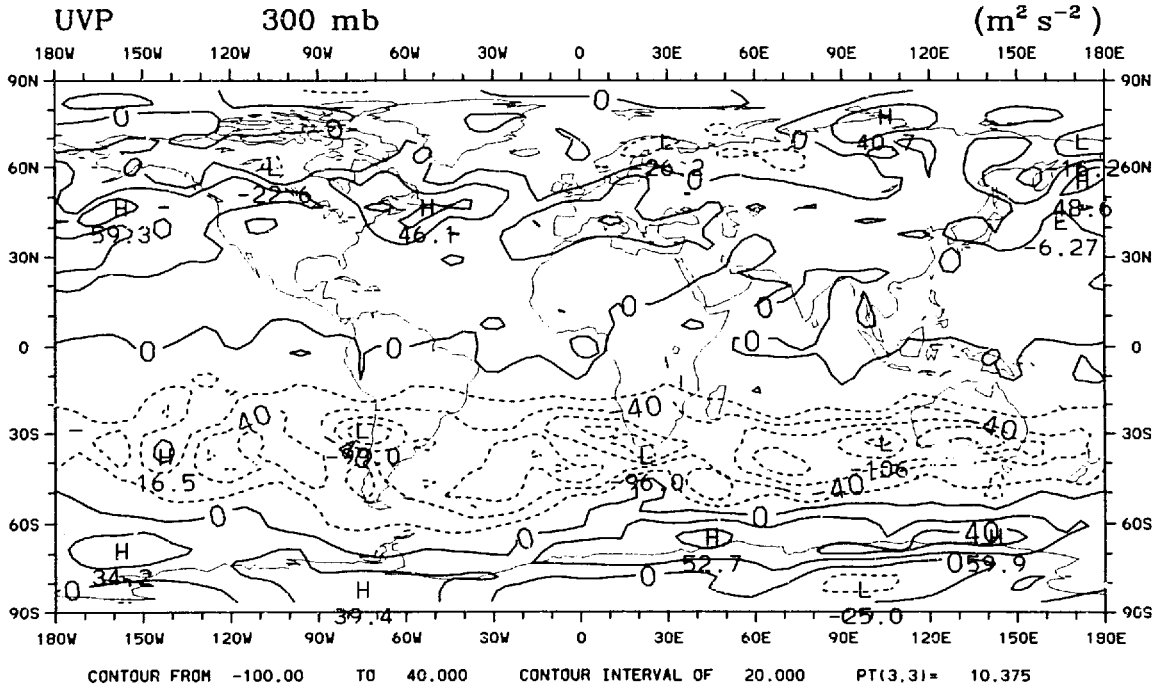

FRAME 1.89

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



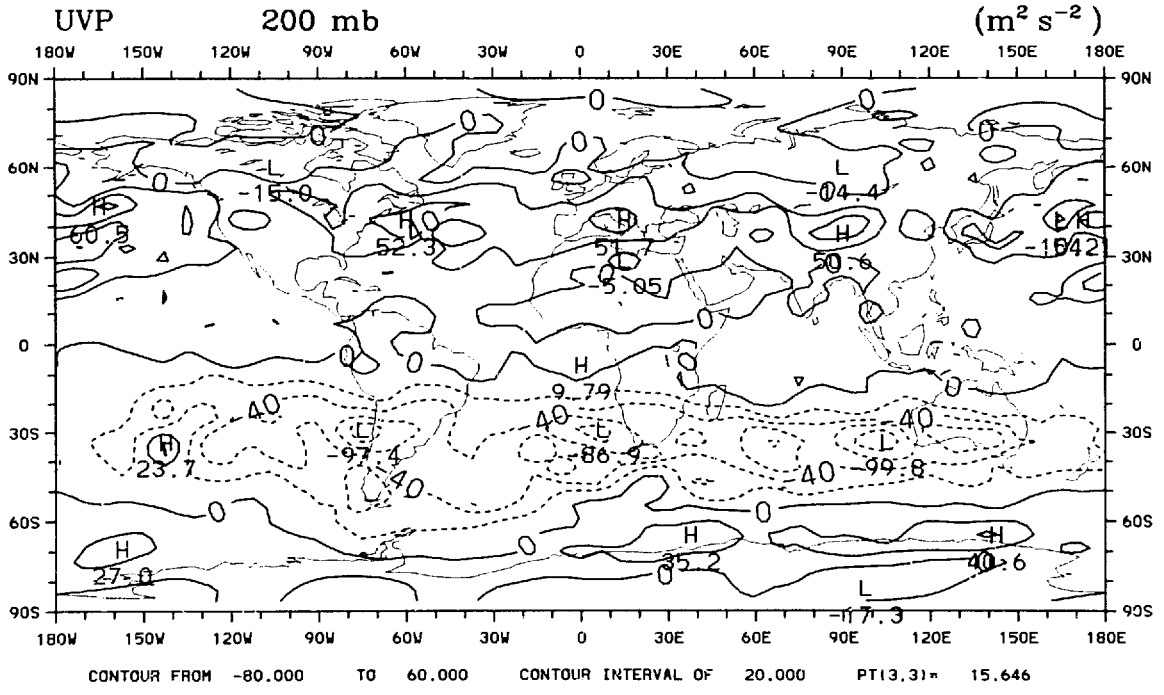

FRAME 1.90

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



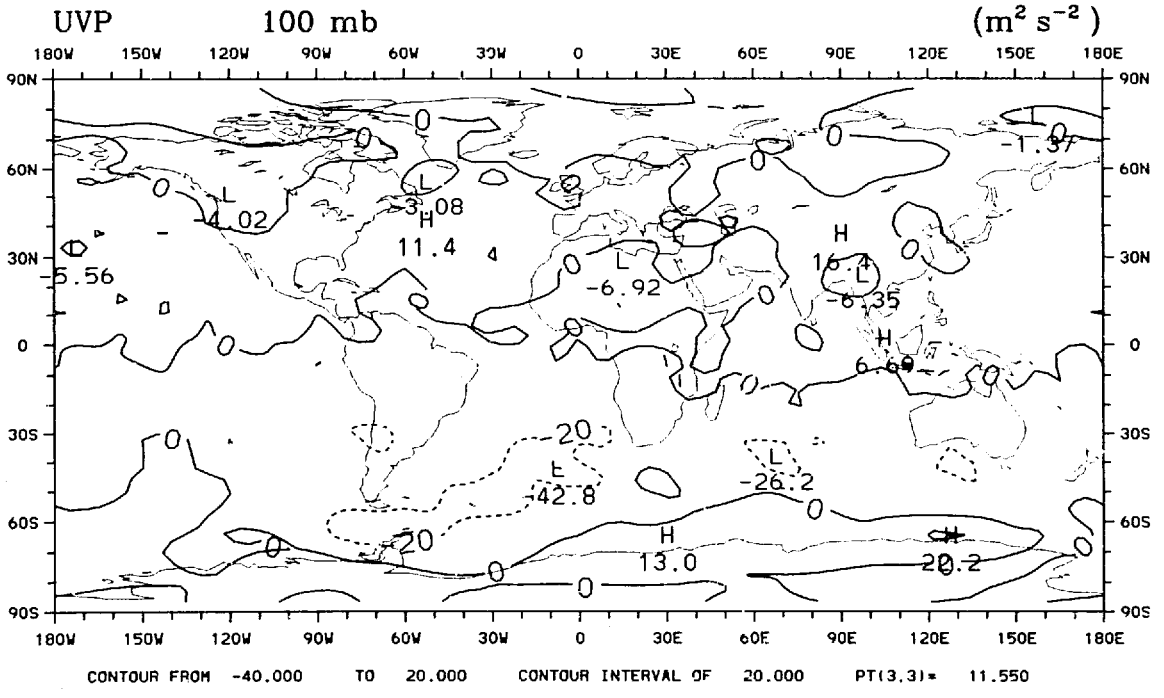

FRAME 1.91

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



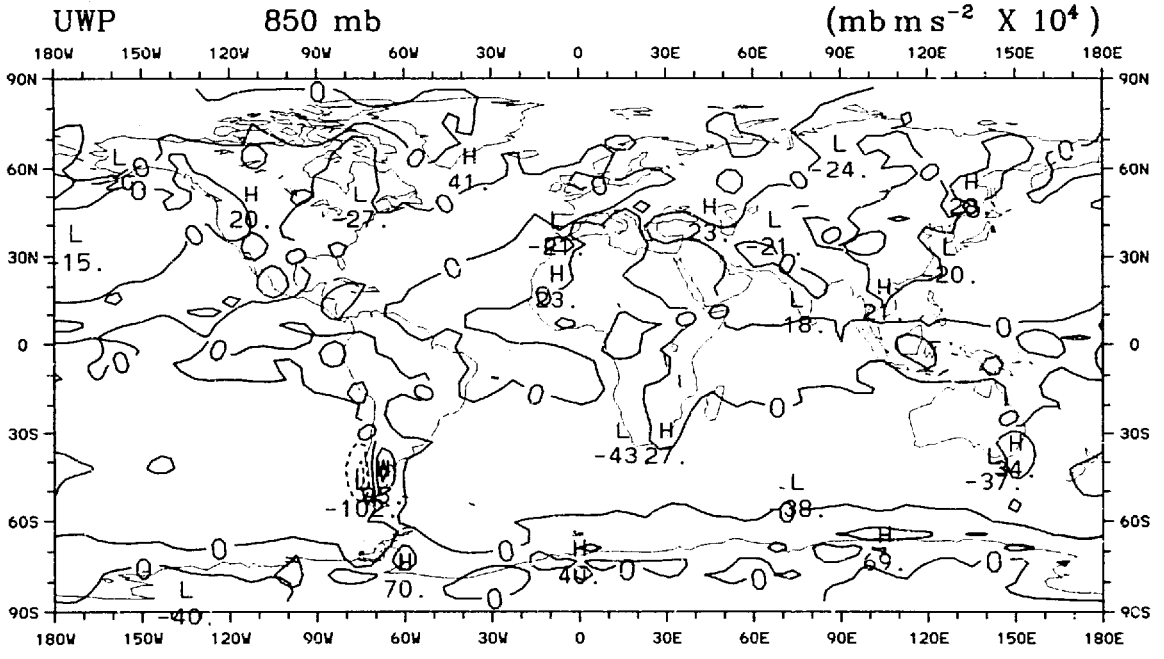

FRAME 1.92

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.93

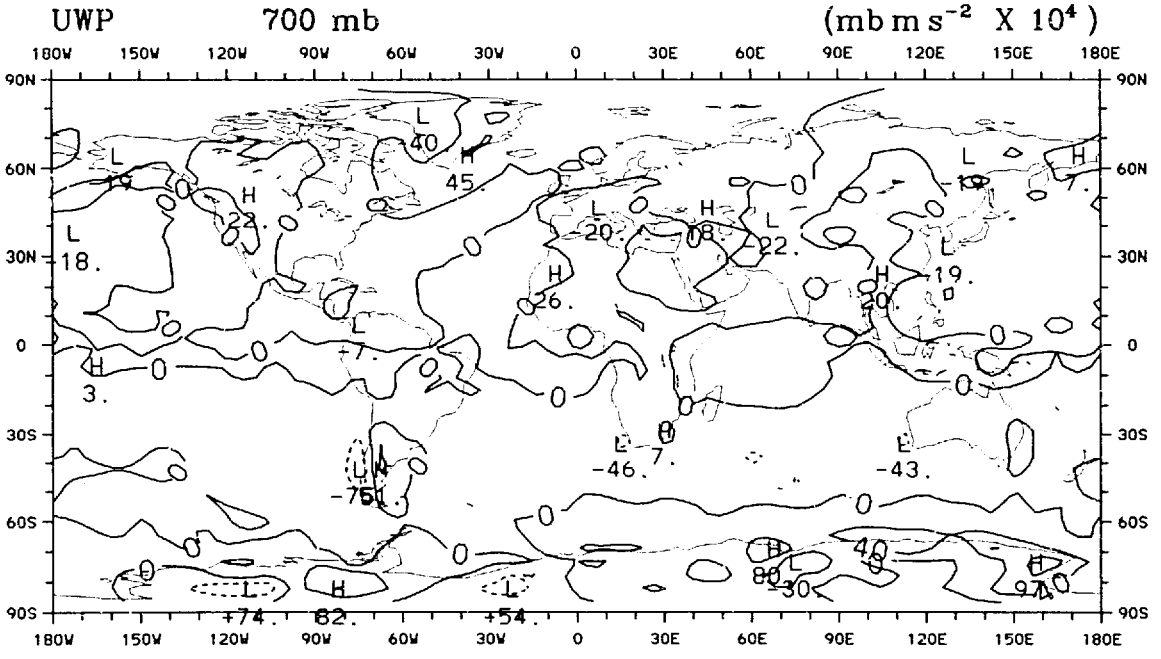
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.16905E-01 LABELS SCALED BY 100.00

FRAME 1.94

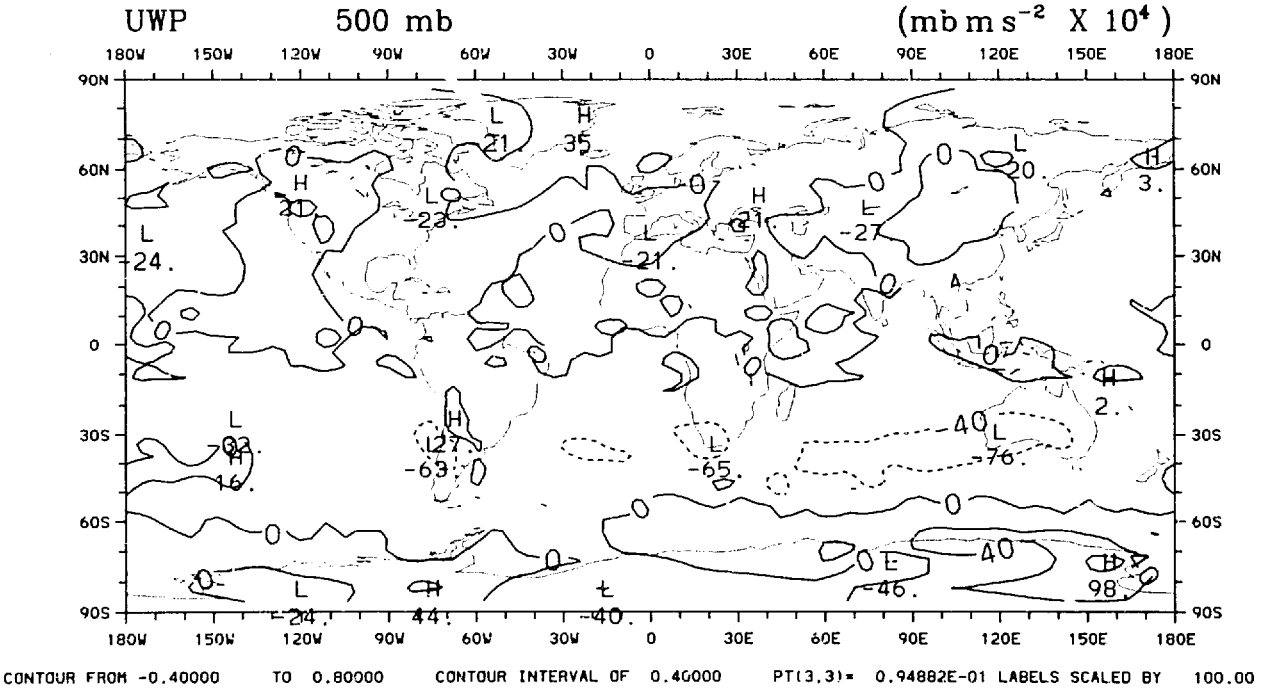
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.72396E-01 LABELS SCALED BY 100.00

FRAME 1.95

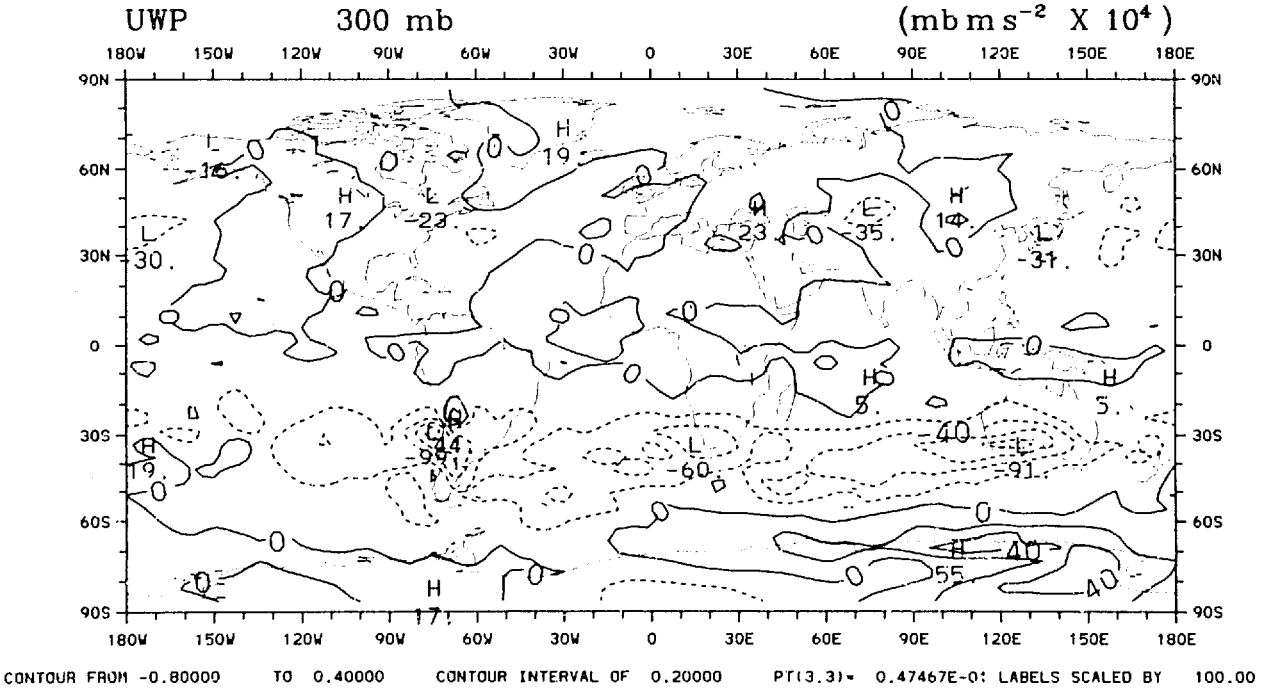
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.94882E-01 LABELS SCALED BY 100.00

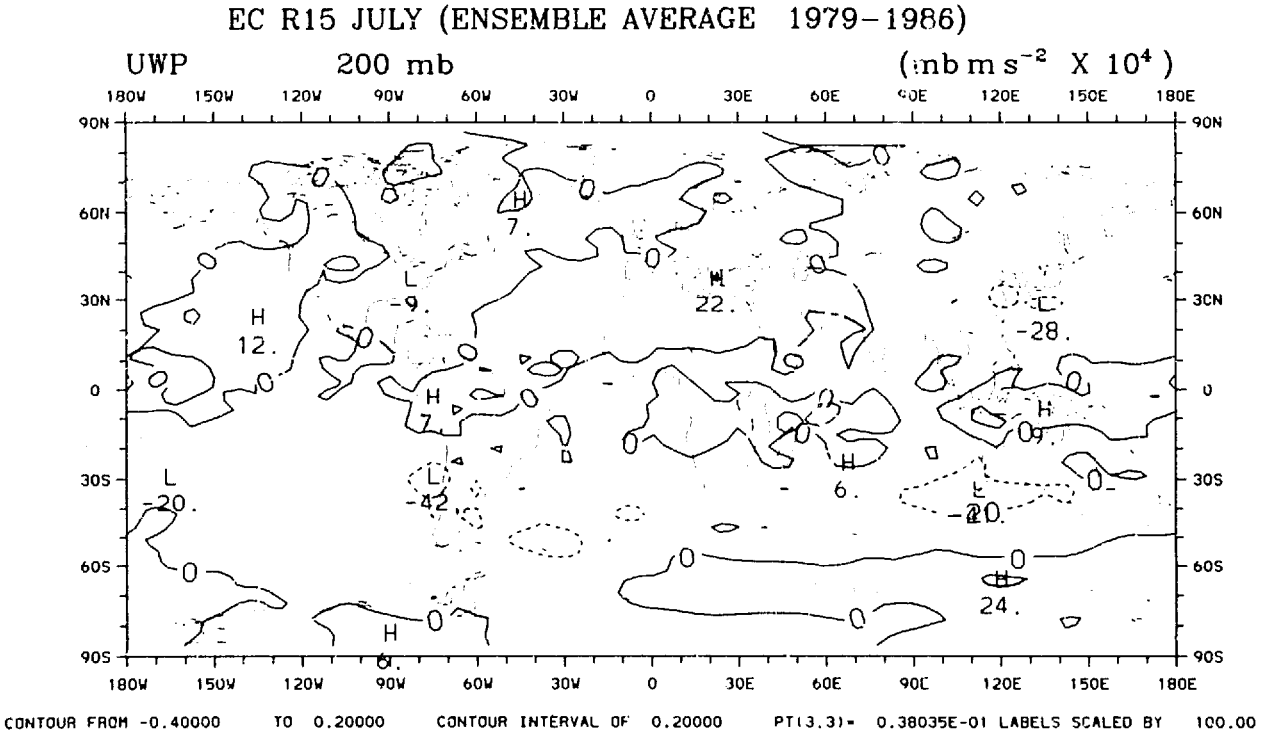
FRAME 1.96

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



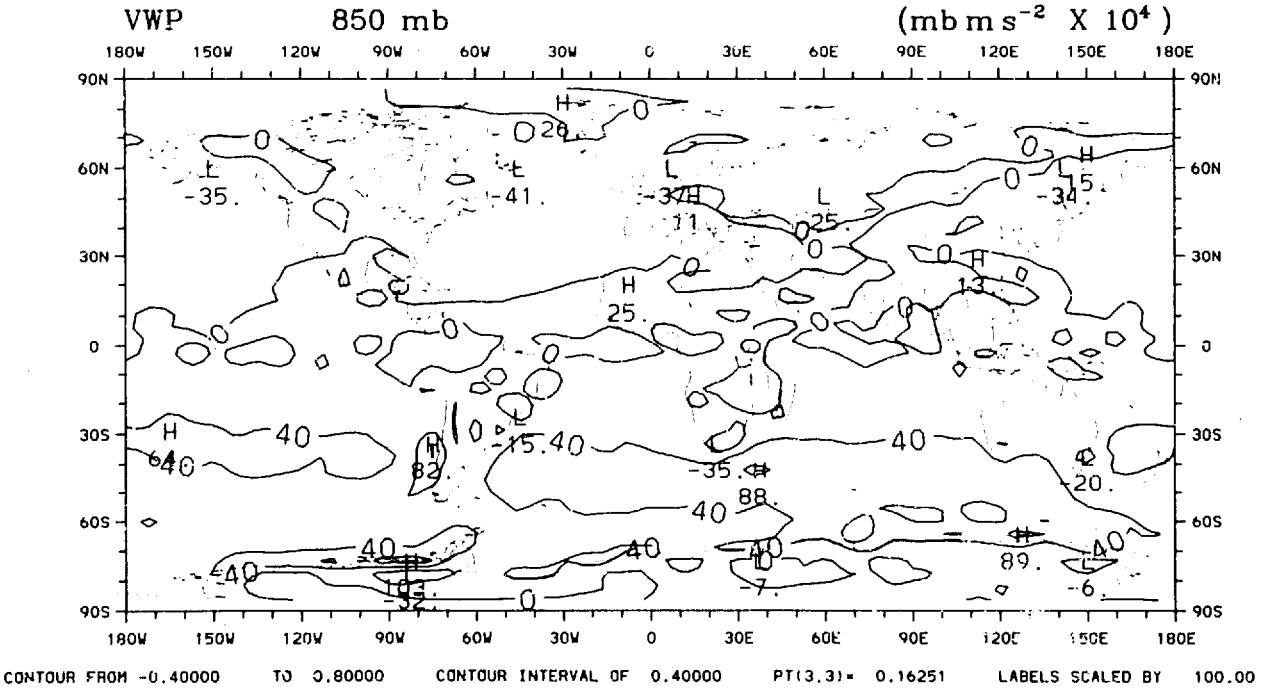

CONTOUR FROM -0.80000 TO 0.40000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.47467E-01 LABELS SCALED BY 100.00

FRAME 1.97


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
UWP 200 mb (mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 12.
L -9.
H 7.
H 22.
L -28.
H 7.
L -42.
L -20.
H 6.
L -20.
H 24.
H 6.
CONTOUR FROM -0.40000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.38035E-01 LABELS SCALED BY 100.00

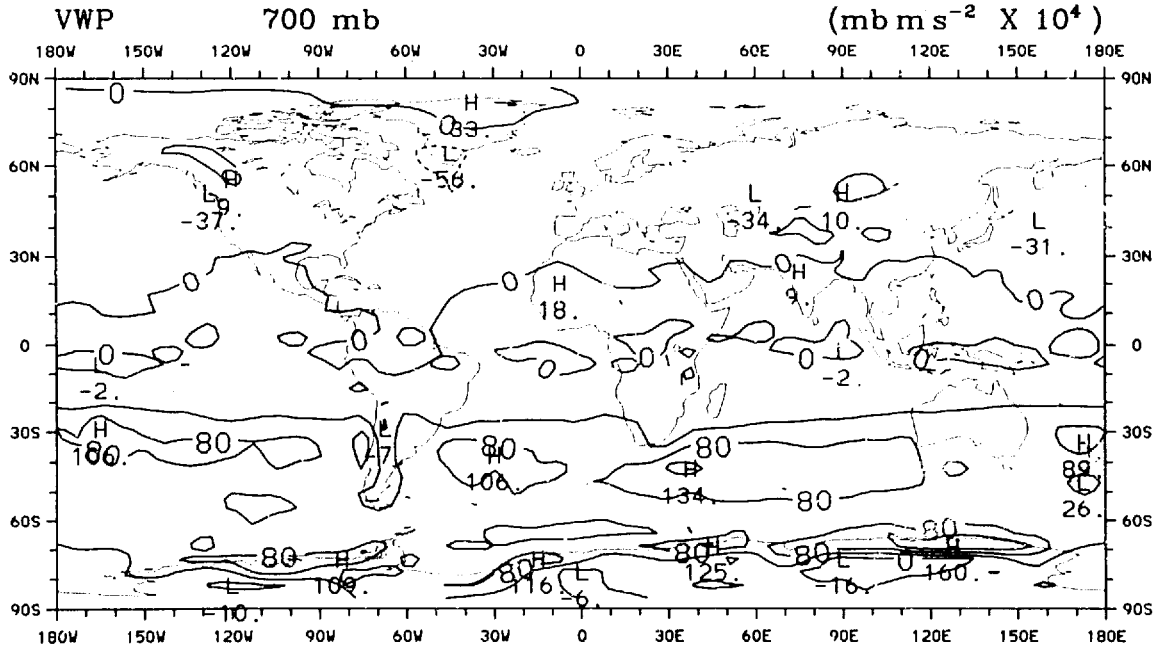
FRAME 1.98

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.99

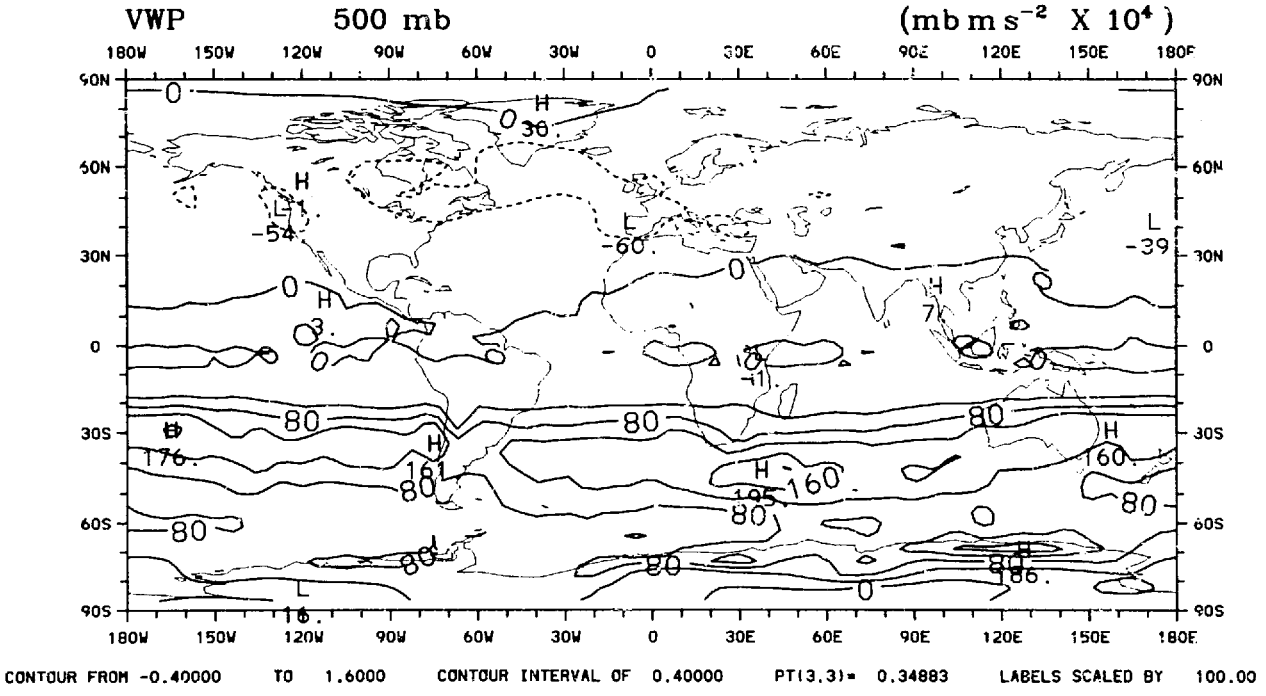
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 1.6000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.24435 LABELS SCALED BY 100.00

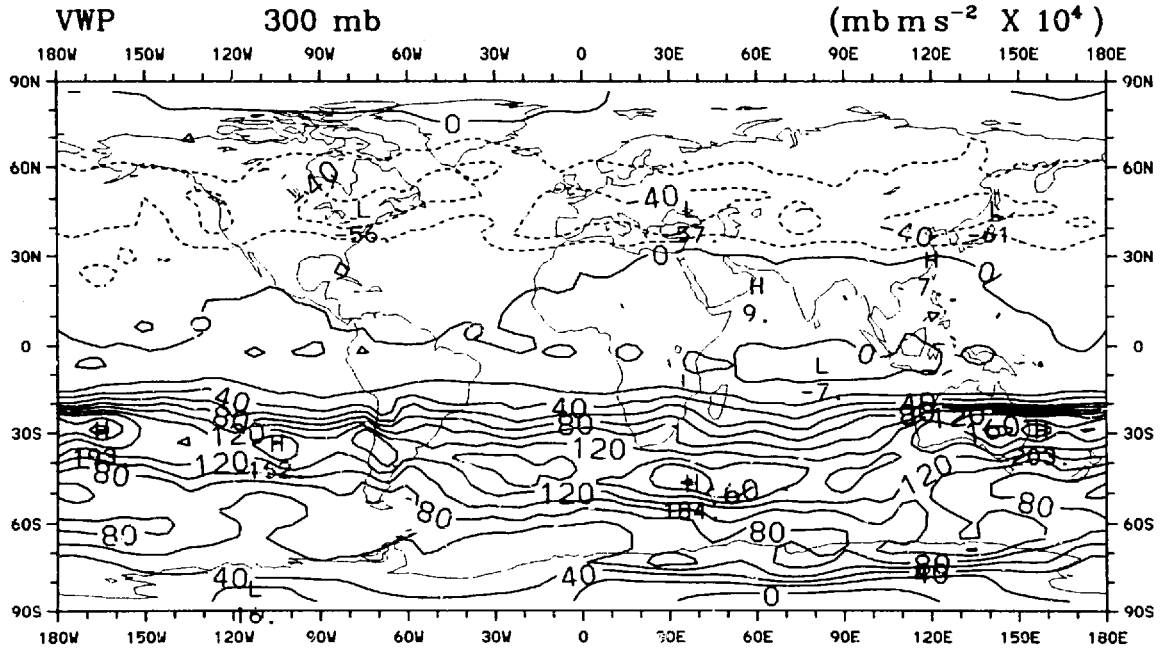
FRAME 1.100

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



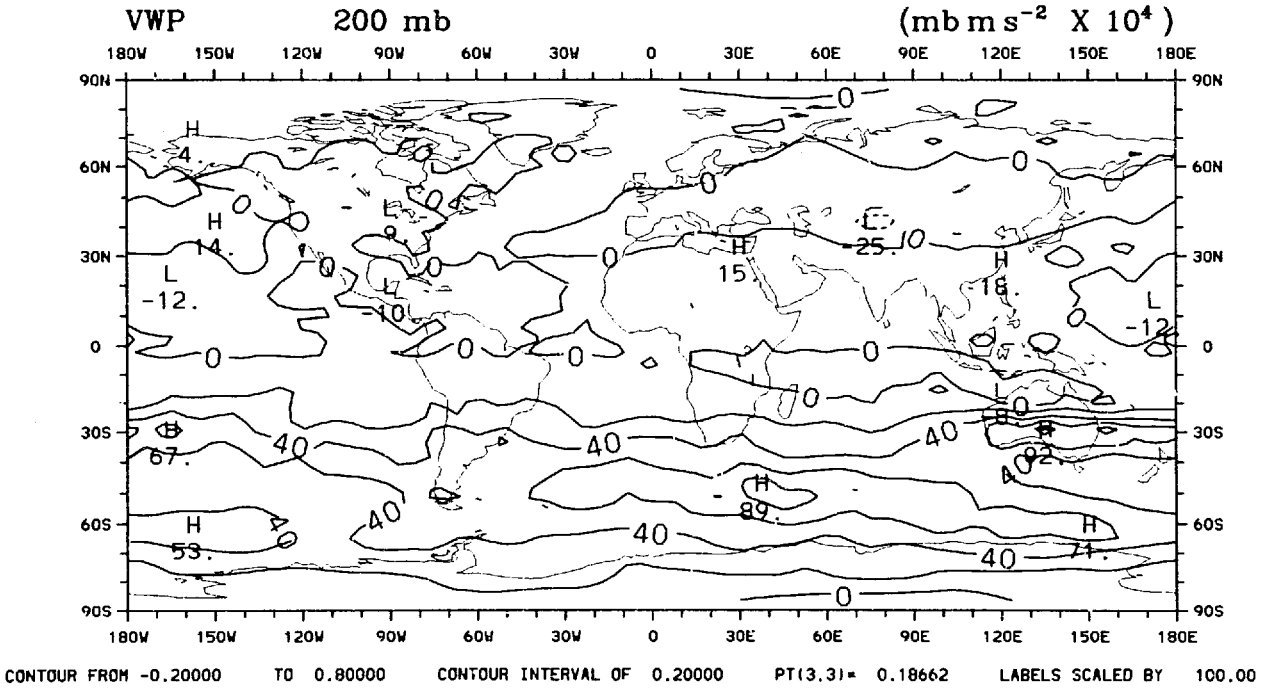

FRAME 1.101

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



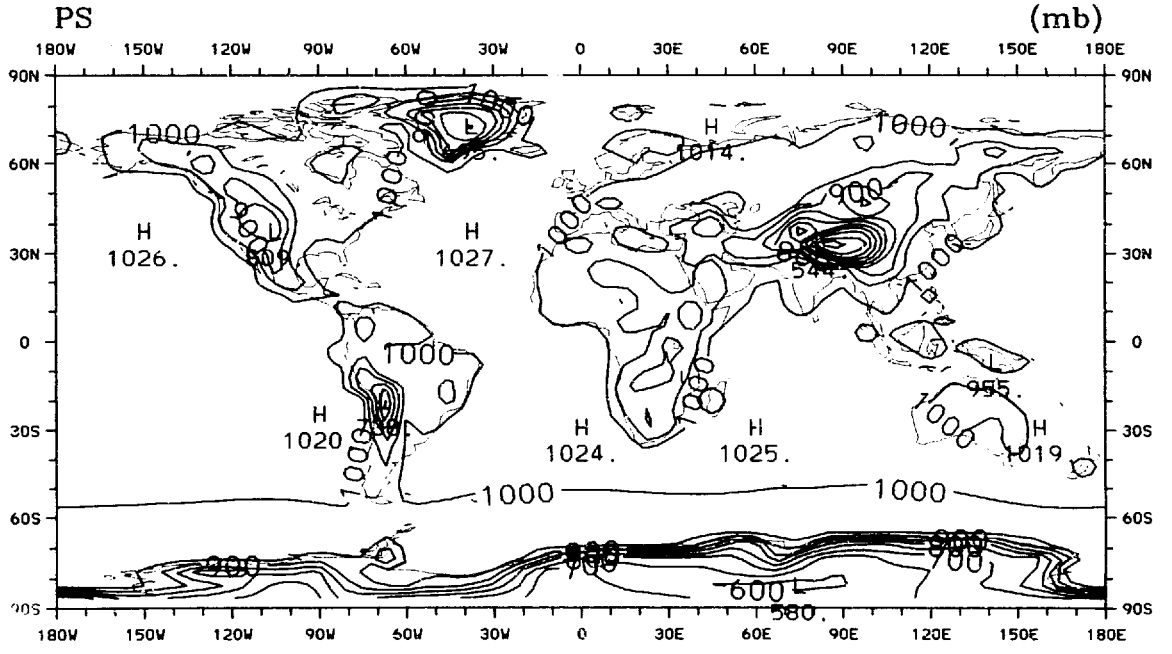

FRAME 1.102

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.103

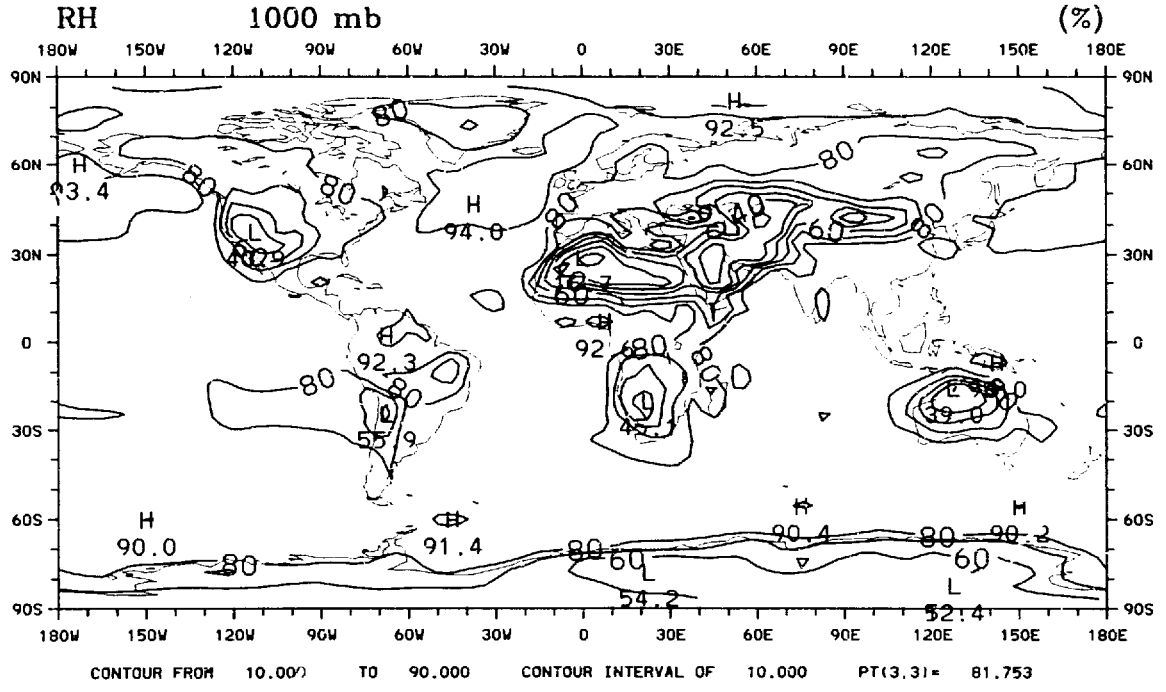
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 97813. LABELS SCALED BY 0.10000E-01

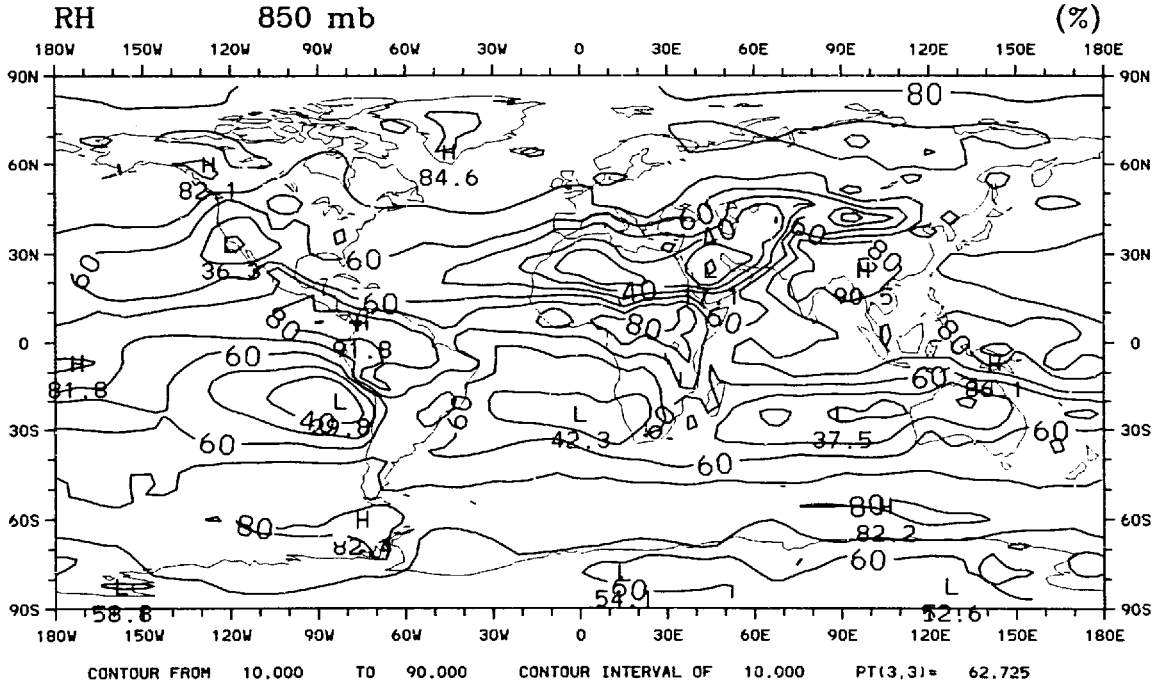
FRAME 1.106

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



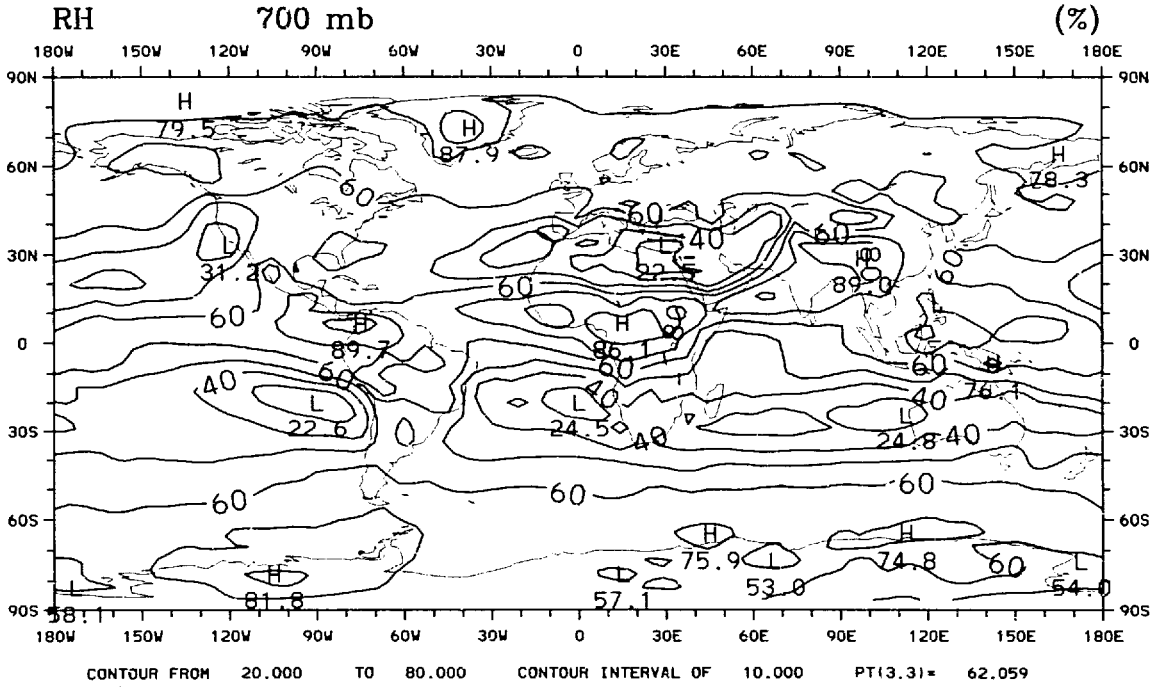

FRAME 1.105

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



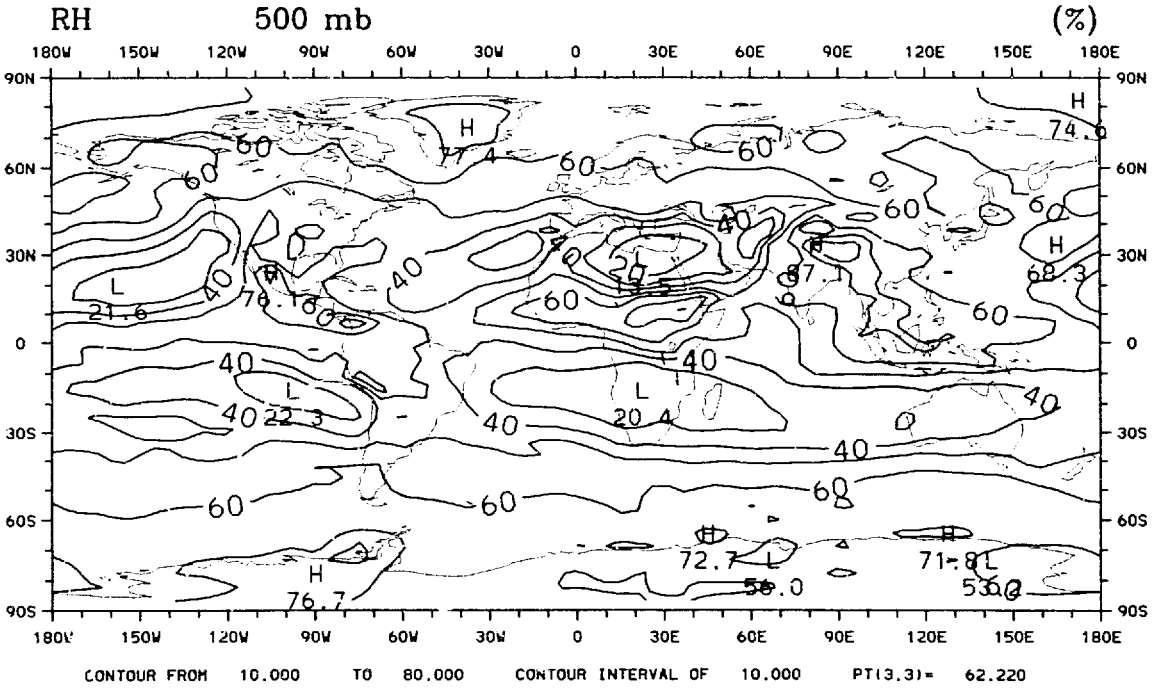

FRAME 1.106

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



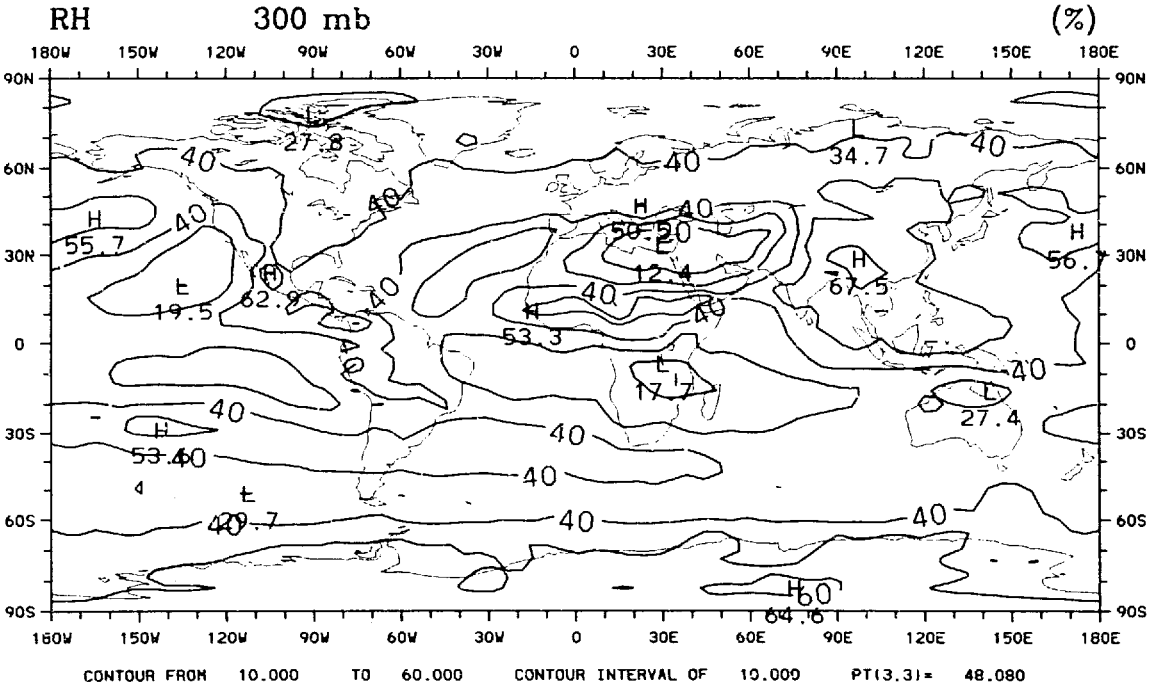

FRAME 1.107

EC R15 JULY (ENSEMBLE AVERAGE 1979-1956)




FRAME 1.108

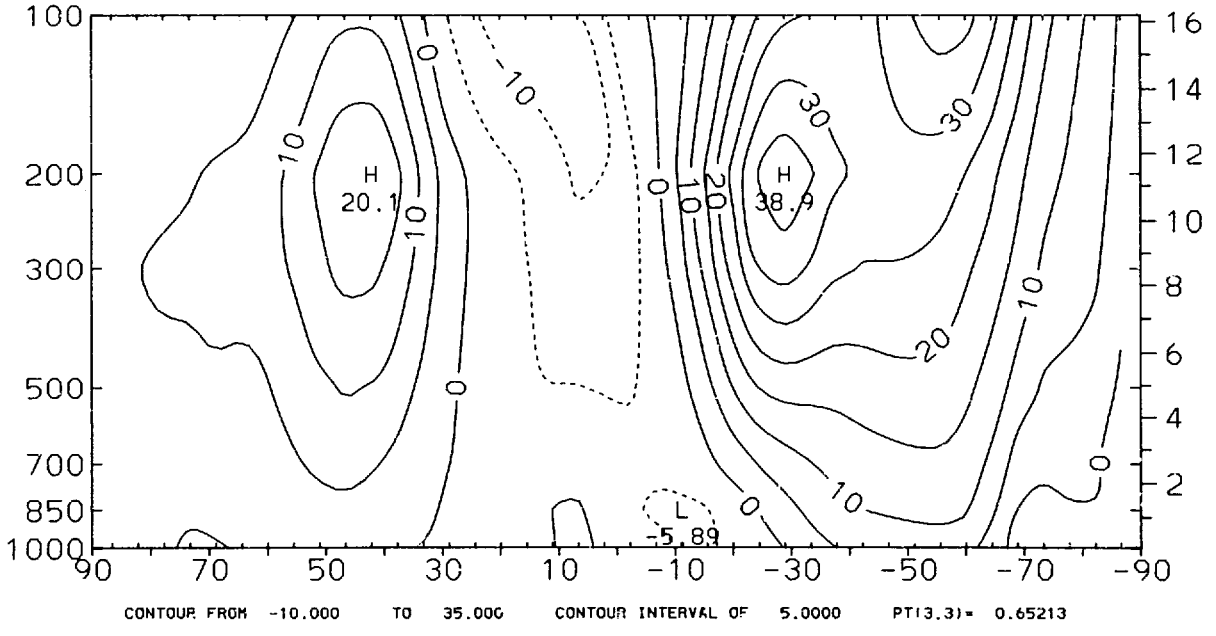
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 1,109

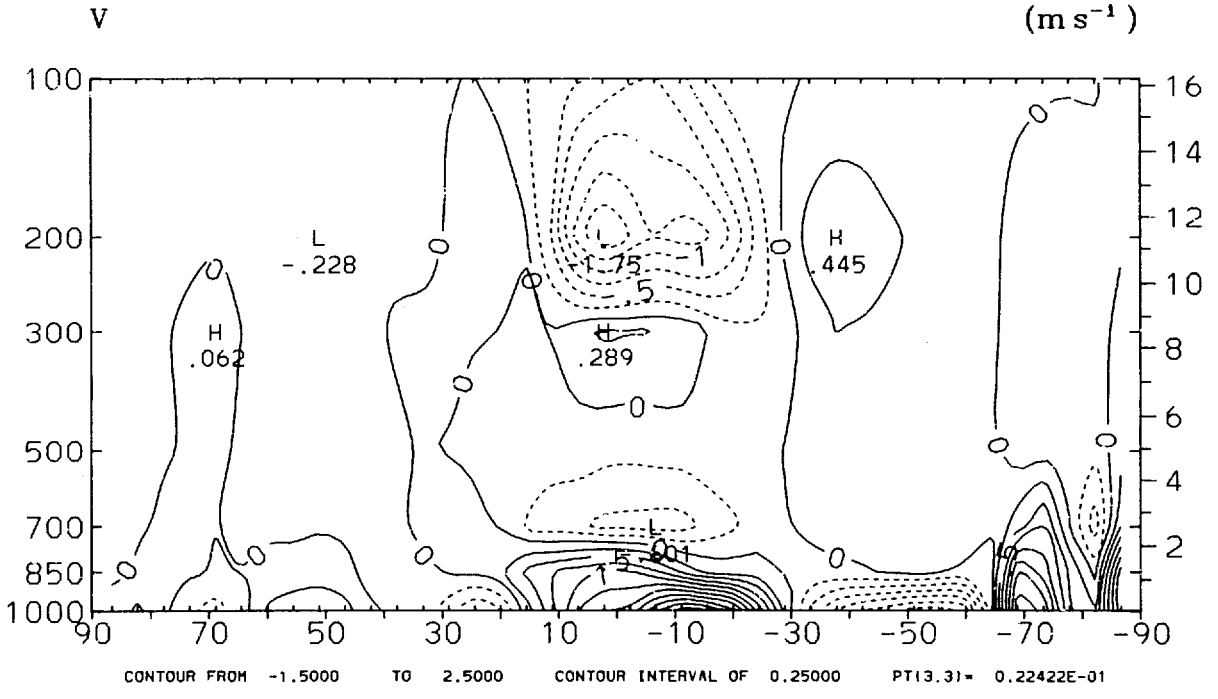
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

U (m s$^{-1}$)



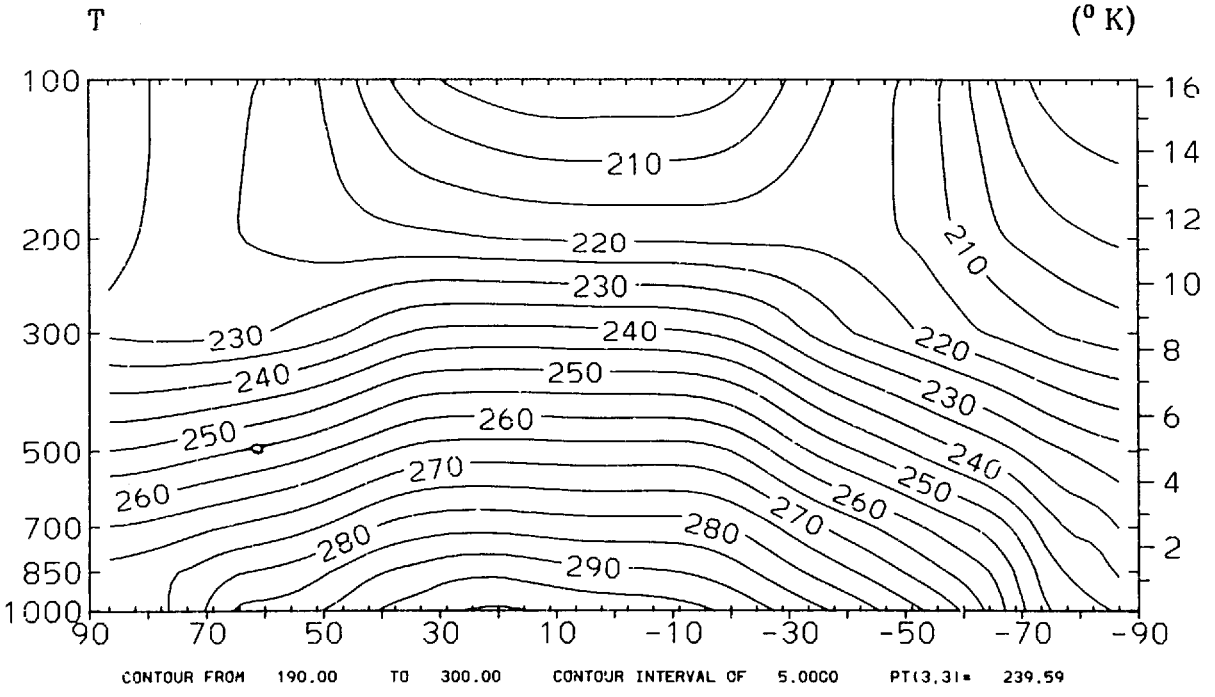

FRAME 1.110

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.111

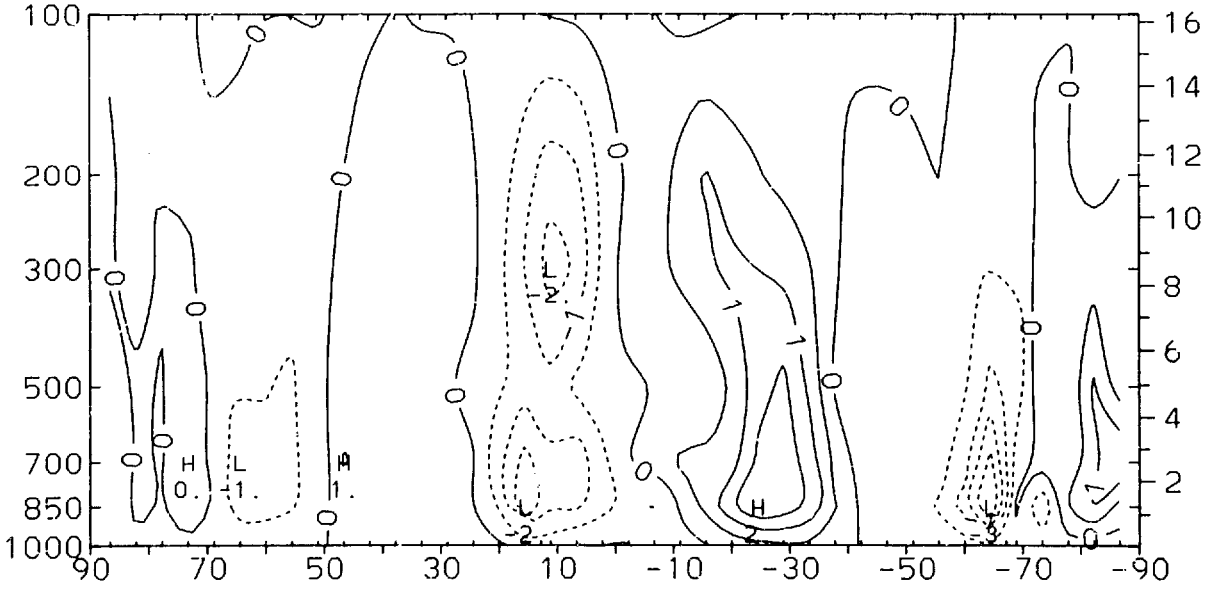
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

OMEGA (mb $s^{-1}$ X $10^4$)

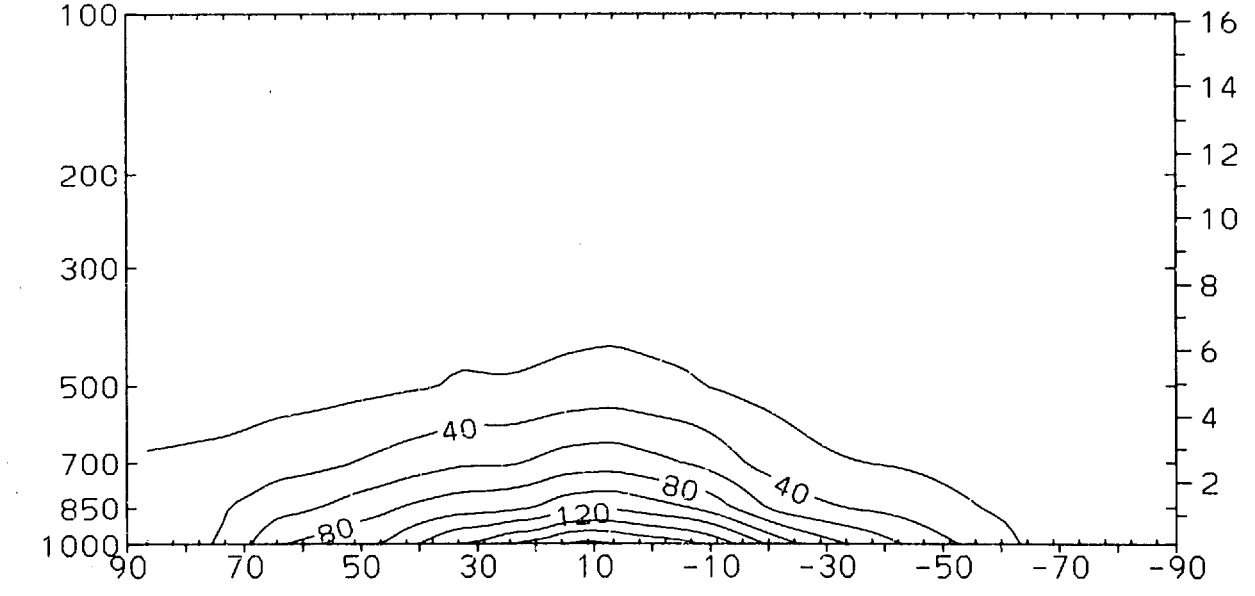



CONTOUR FROM -0.25000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.13709E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

Q (g kg$^{-1}$ X 10)

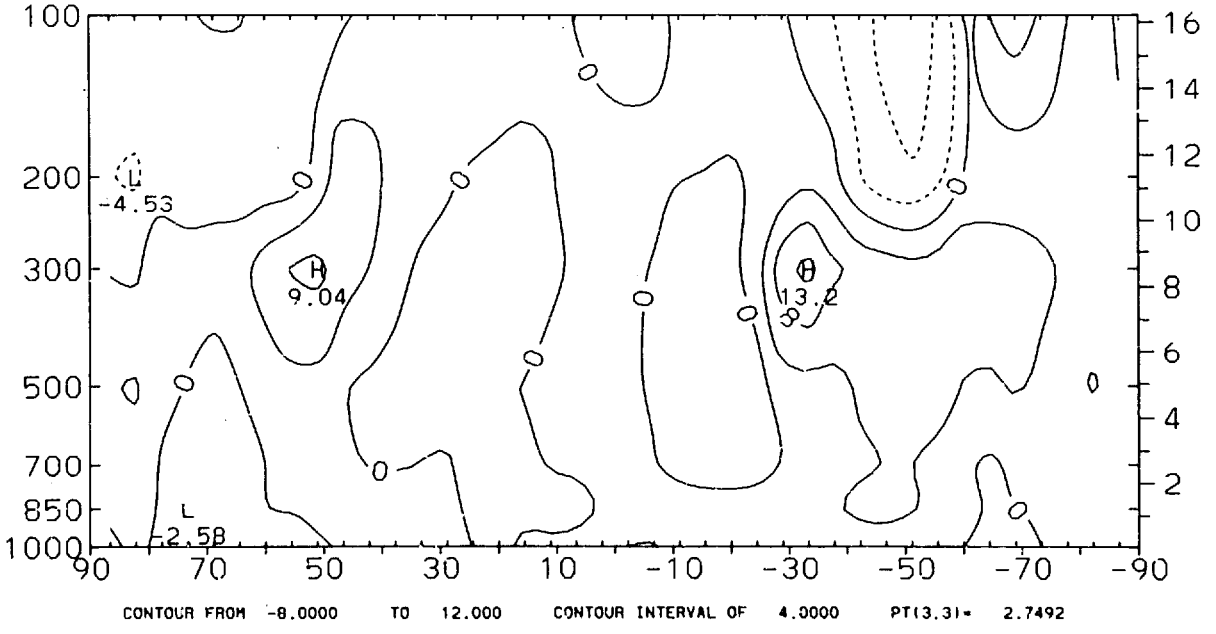



CONTOUR FROM 0.00000 TO 0.13000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.31491E-03 LABELS SCALED BY 10000.

FRAME 1,114

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

UTP ($^0$ K m s$^{-1}$)

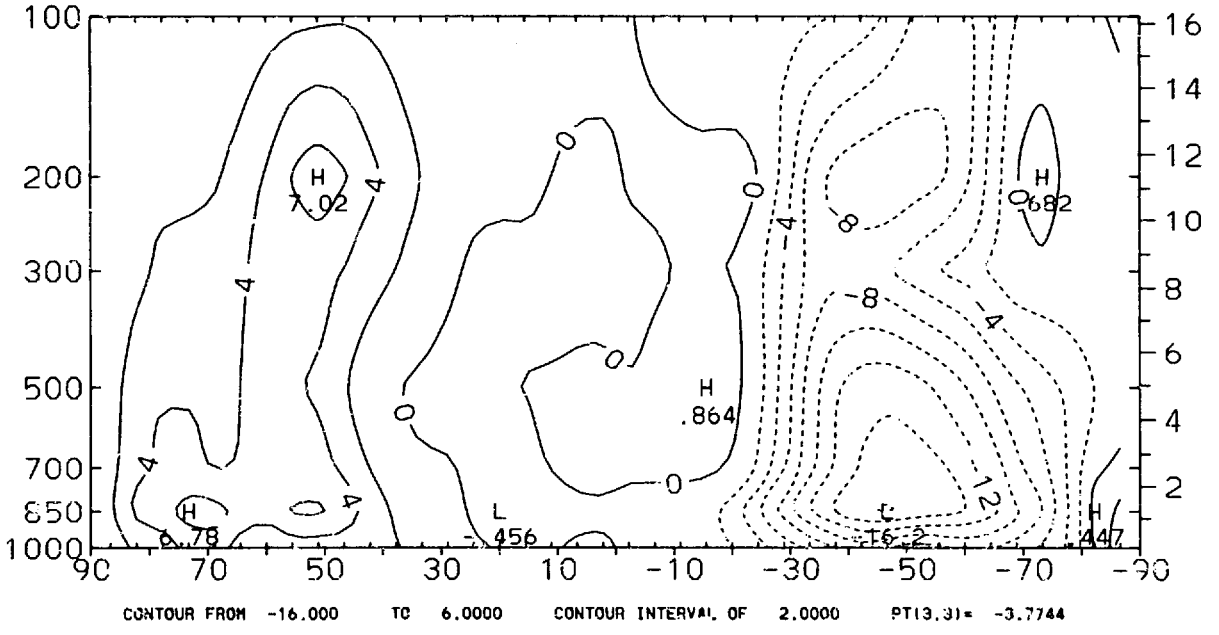



CONTOUR FROM -8.0000 TO 12.000 CONTOUR INTERVAL OF 4.0000 PT(3,31)= 2.7492

FRAME 1.115

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

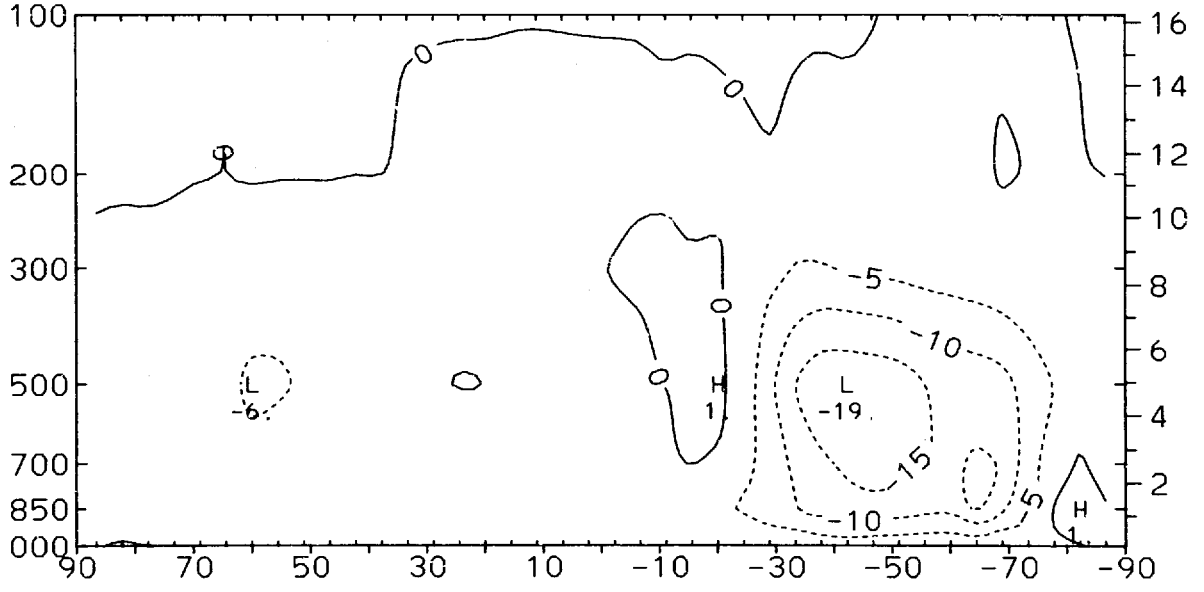
VTP ($^0$ K m s$^{-1}$)




FRAME 1.116

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

WTP ($^0$ K mb s$^{-1}$ X $10^4$)

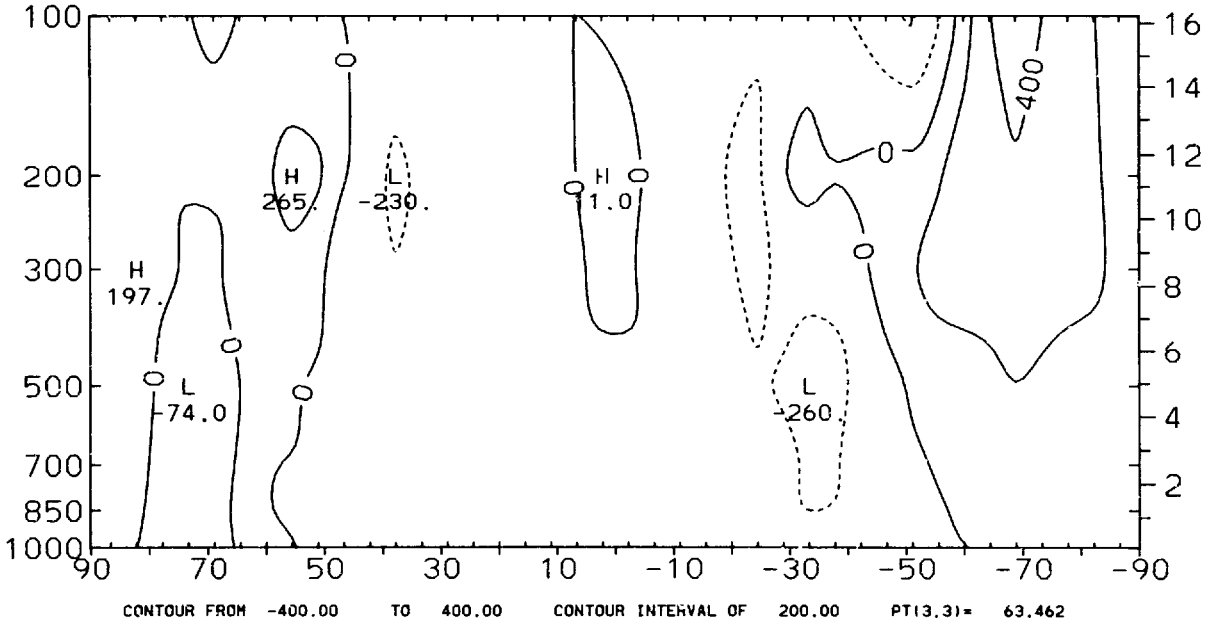



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.20883E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

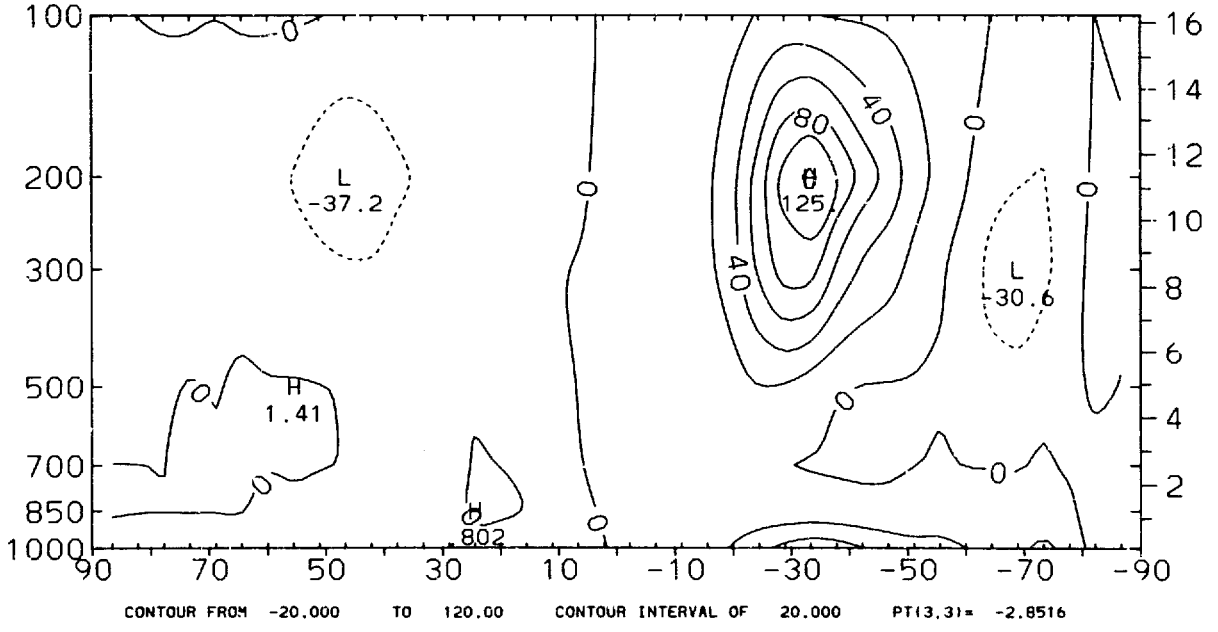
UZP $(m^2 s^{-1})$




FRAME 1.118

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

VZP ($m^2 s^{-1}$)

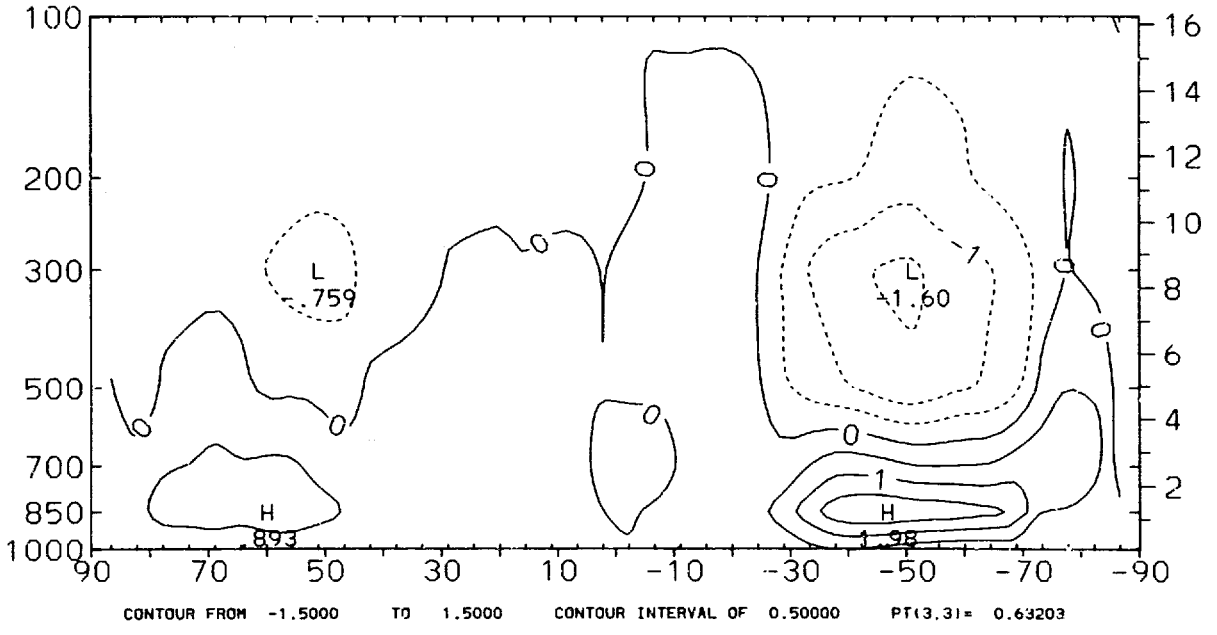



CONTOUR FROM -20.000 TO 120.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= -2.8516

FRAME 1.119

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

WZP (mb m s$^{-1}$ X 10$^2$)

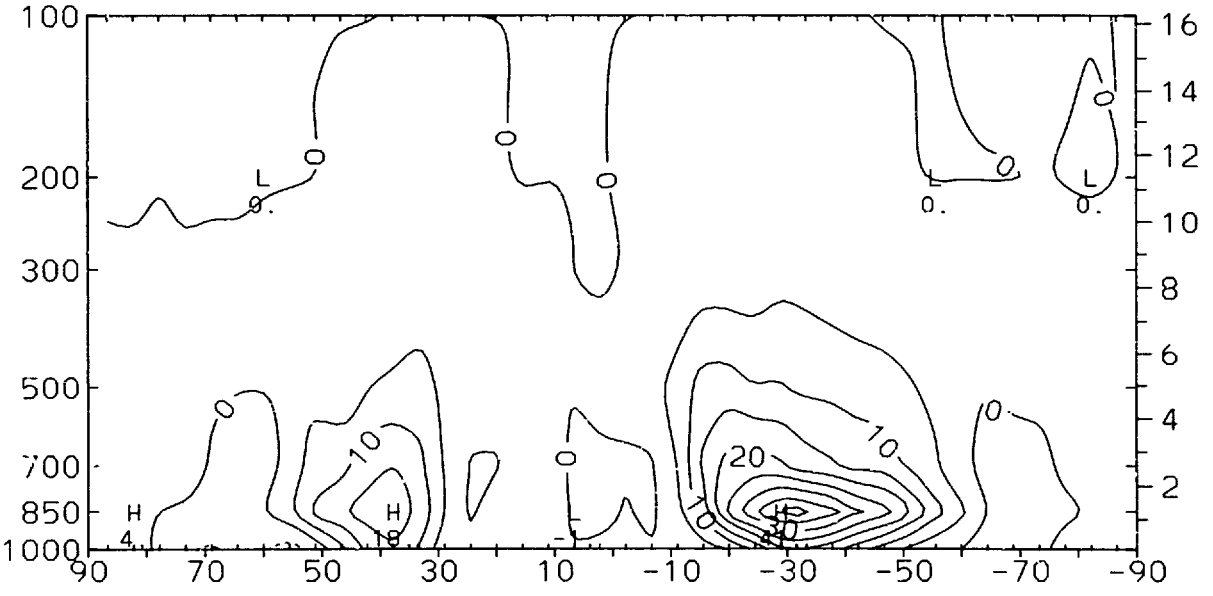



CONTOUR FROM -1.5000 TO 1.5000 CONTOUR INTERVAL OF 0.50000 PT(3,3)= 0.63203

FRAME 1.120

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

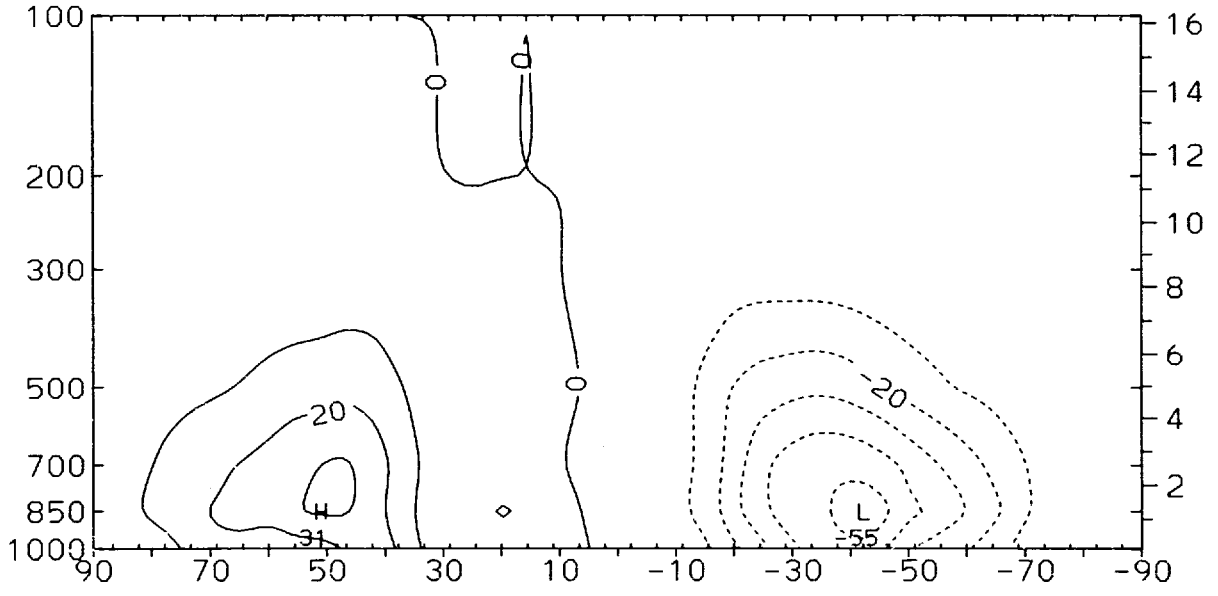



CONTOUR FROM -0.50000E-03 TO 0.40000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.26726E-04 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

VQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

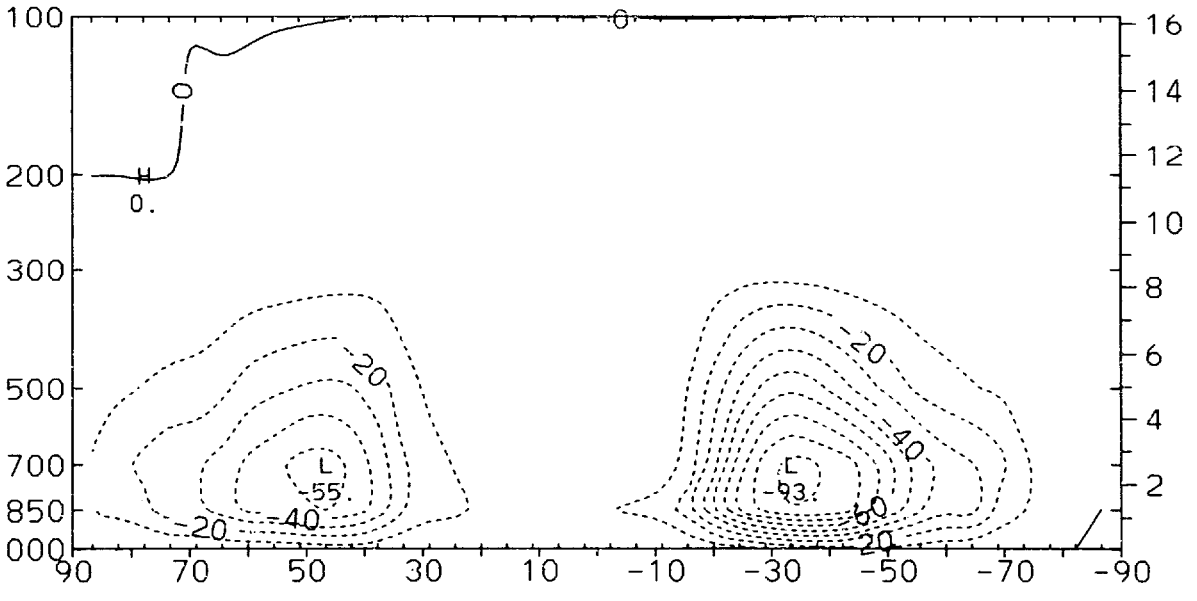



CONTOUR FROM -0.50000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.29138E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

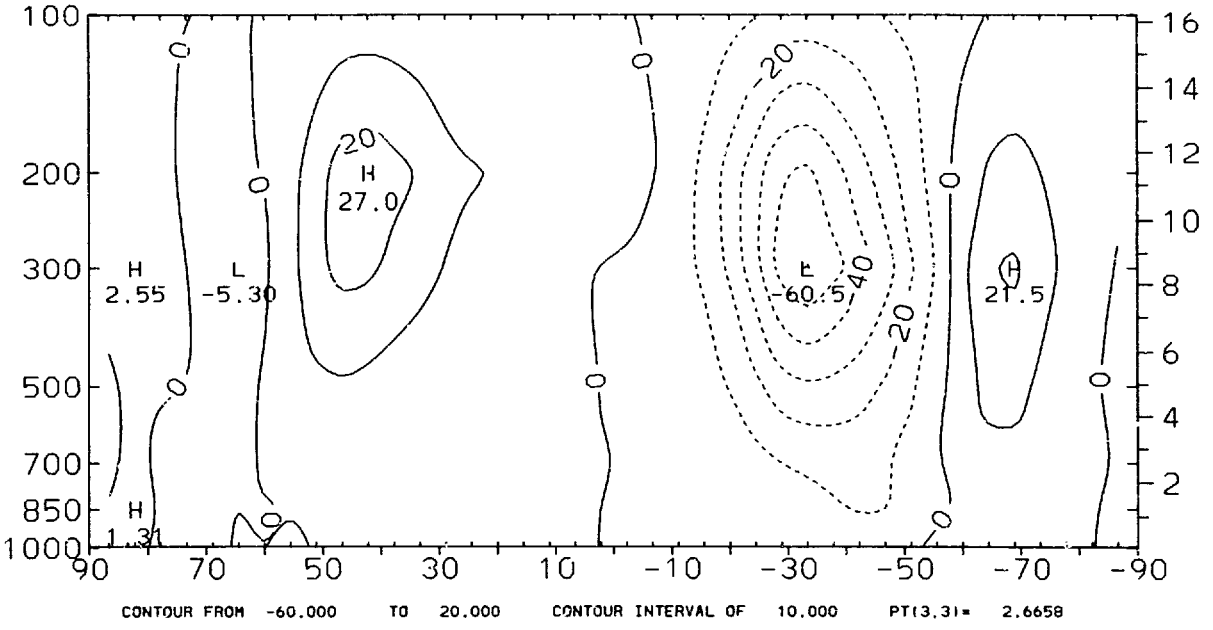



CONTOUR FROM -0.90000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.46548E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

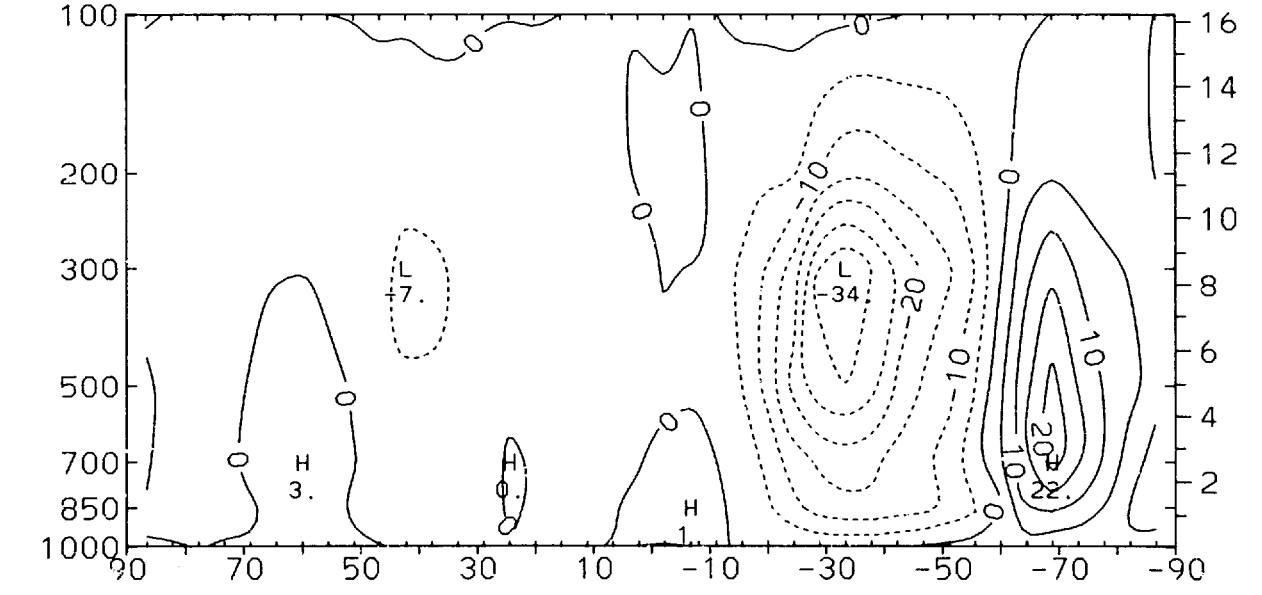
UVP $(m^2 s^{-2})$




FRAME 1.124

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

UWP (mb m s$^{-2}$ X 10$^4$)

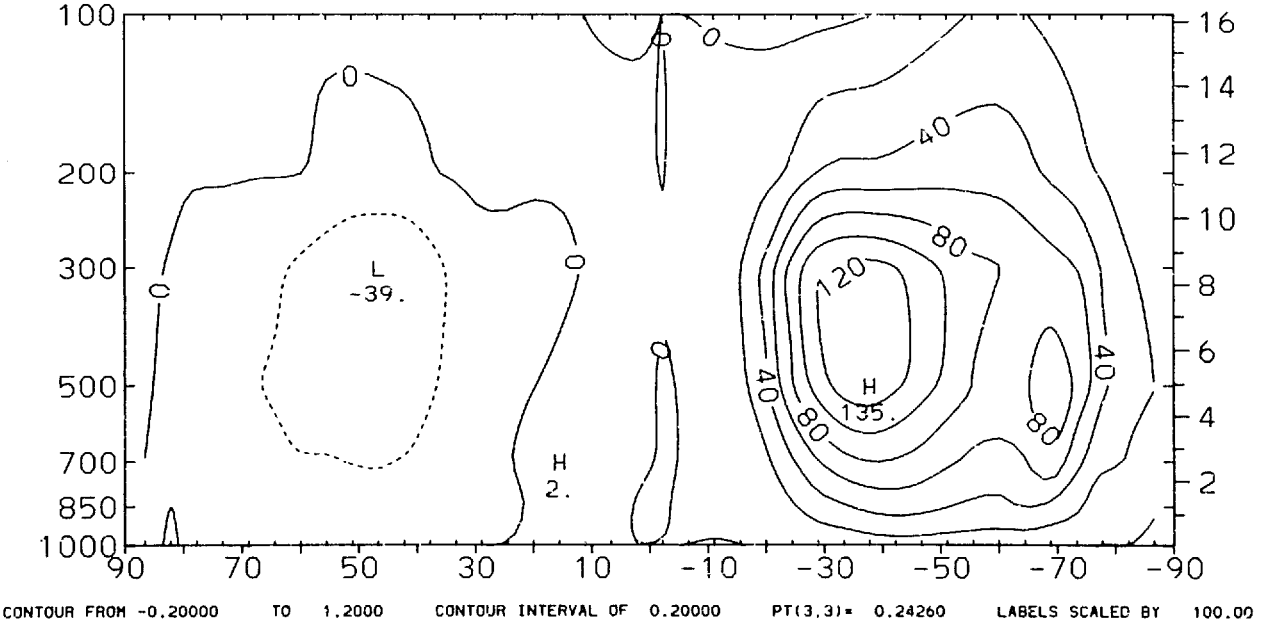



CONTOUR FROM -0.30000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.92836E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

VWP ($mb\,m\,s^{-2}$ X $10^4$)

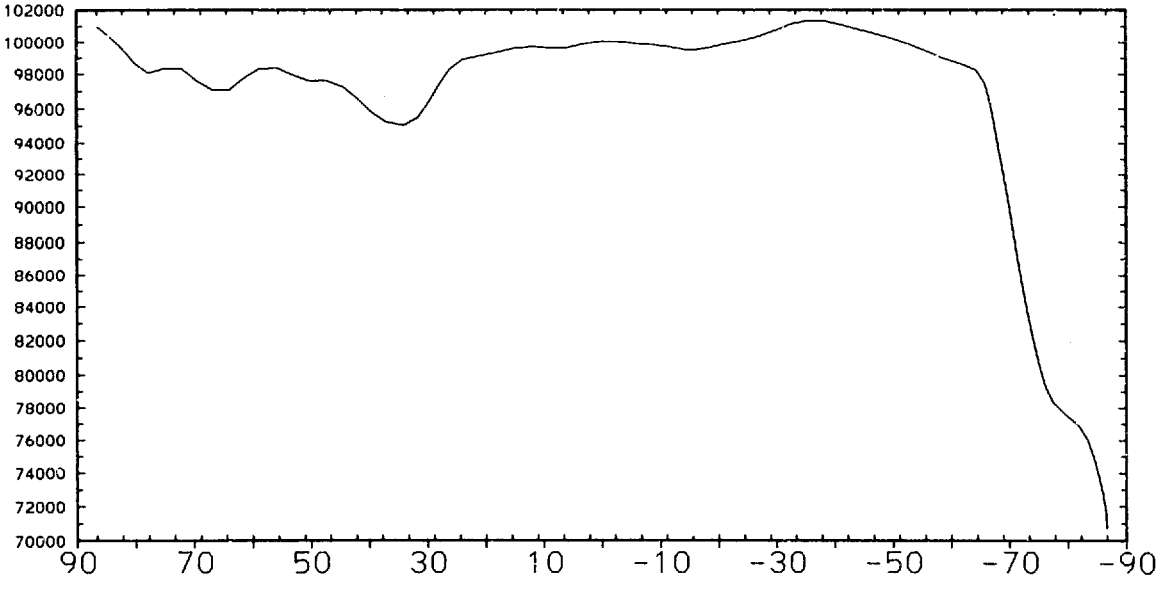



CONTOUR FROM -0.20000 TO 1.2000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.24260 LABELS SCALED BY 100.00

FRAME 1.126

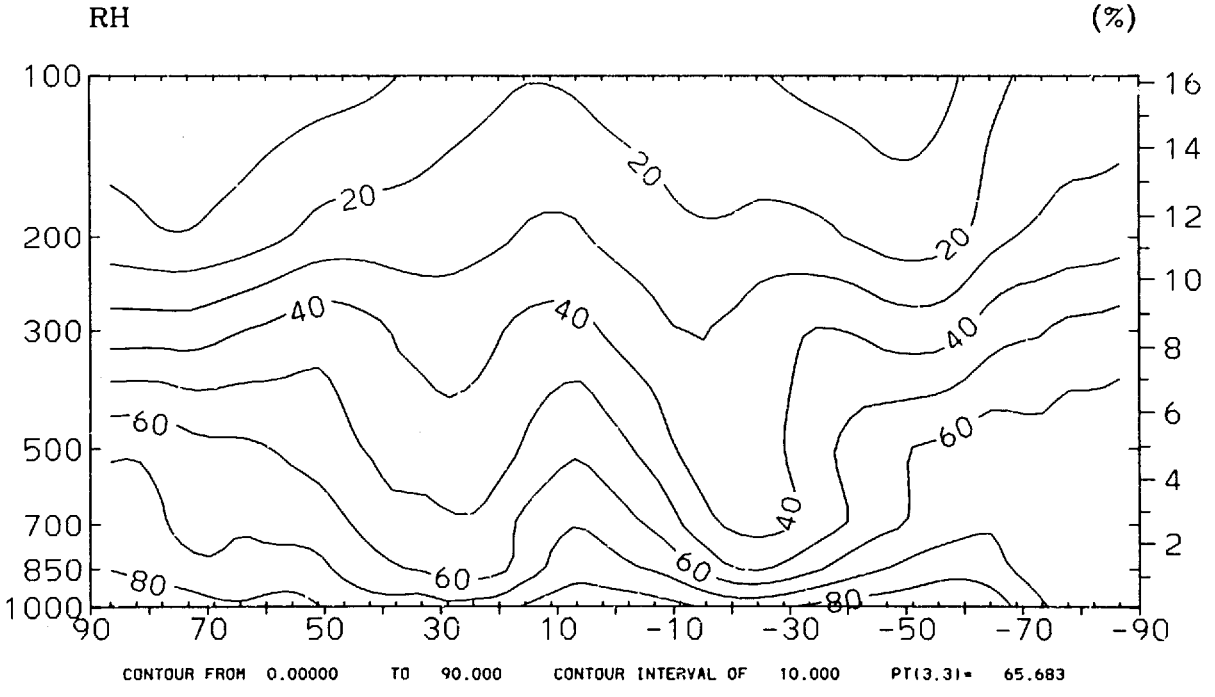
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)



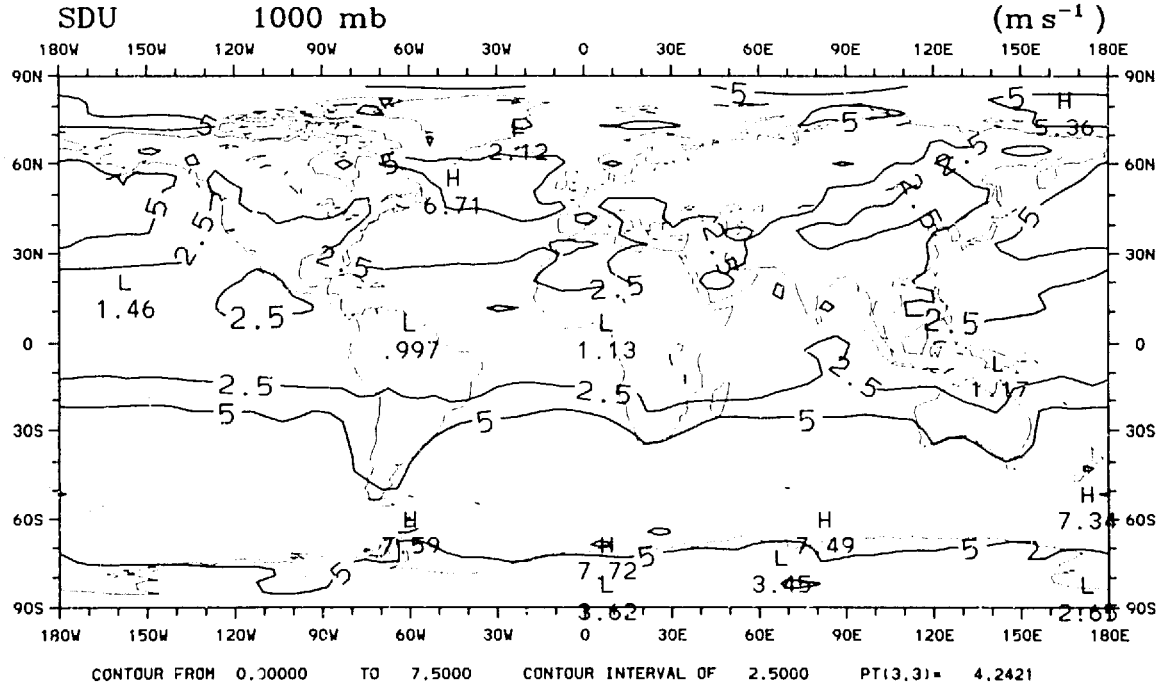

FRAME 1,127

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



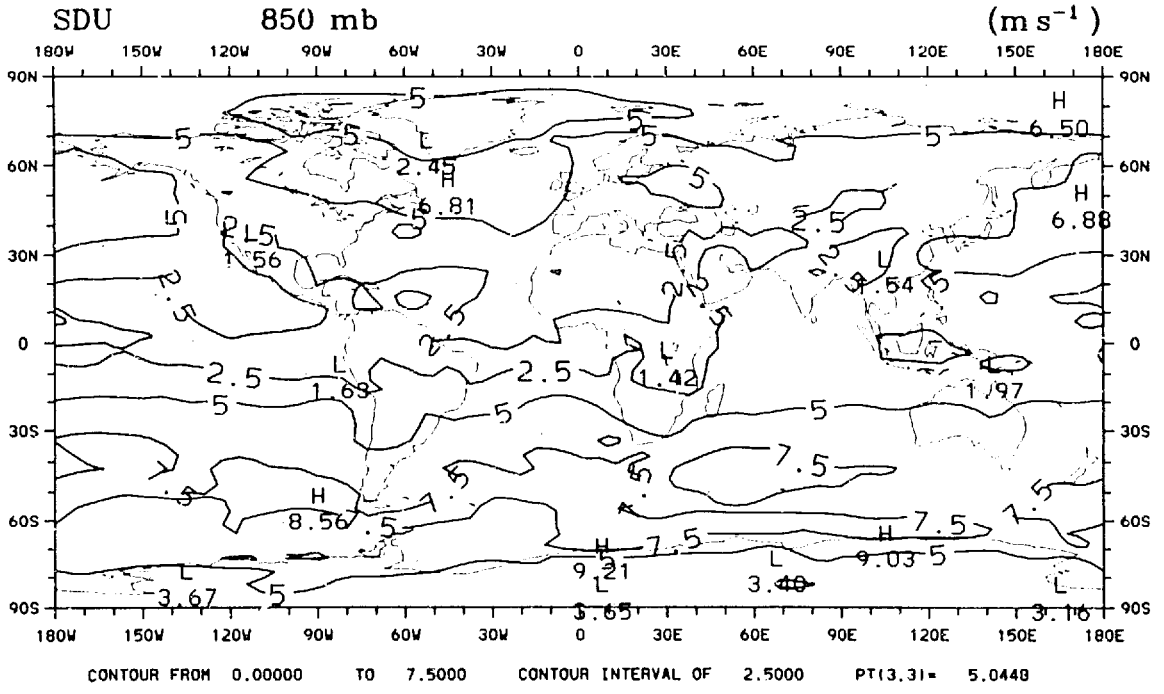

FRAME 1.128

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



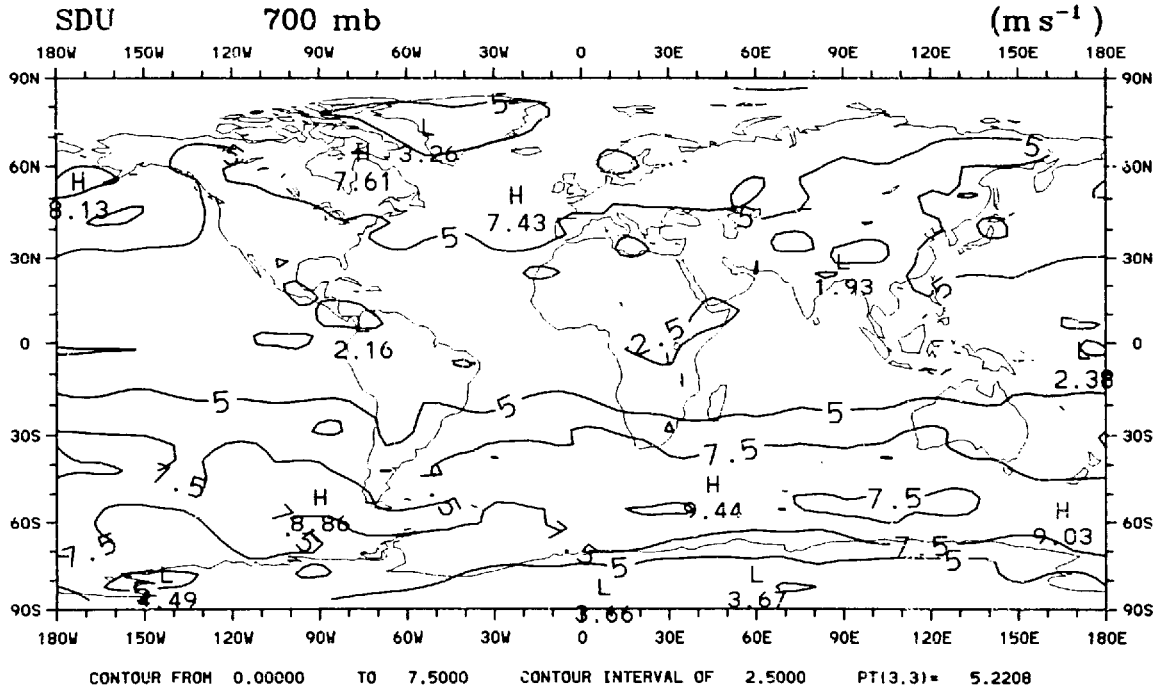

FRAME 2.1

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



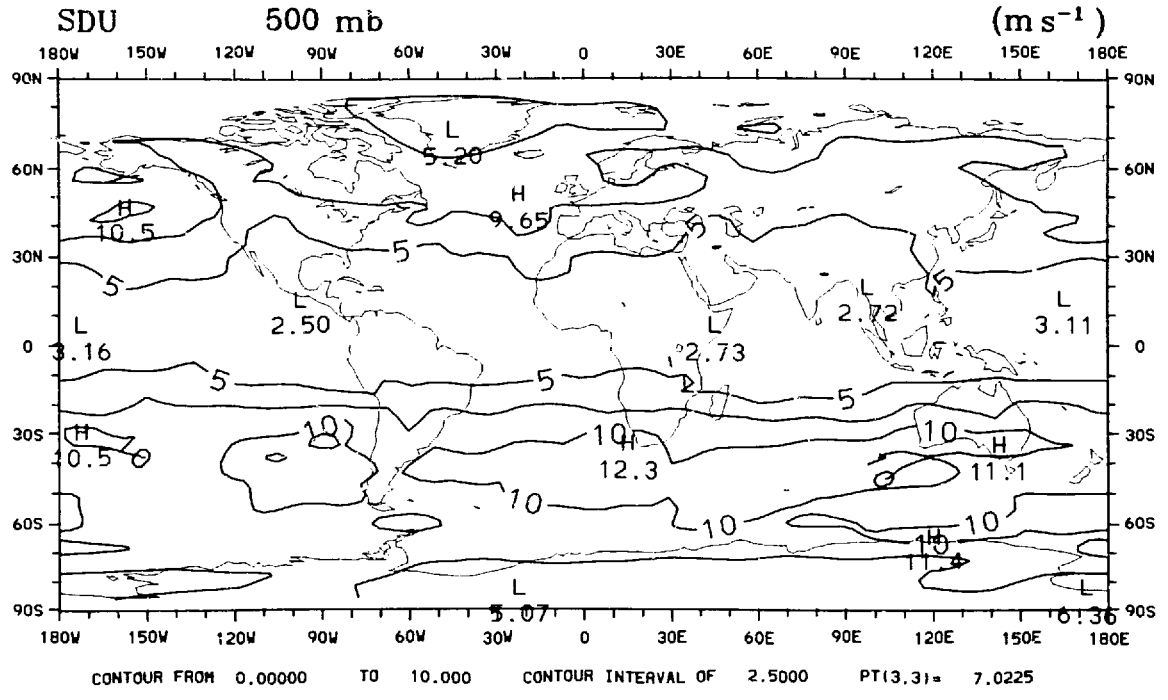

FRAME 2.2

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



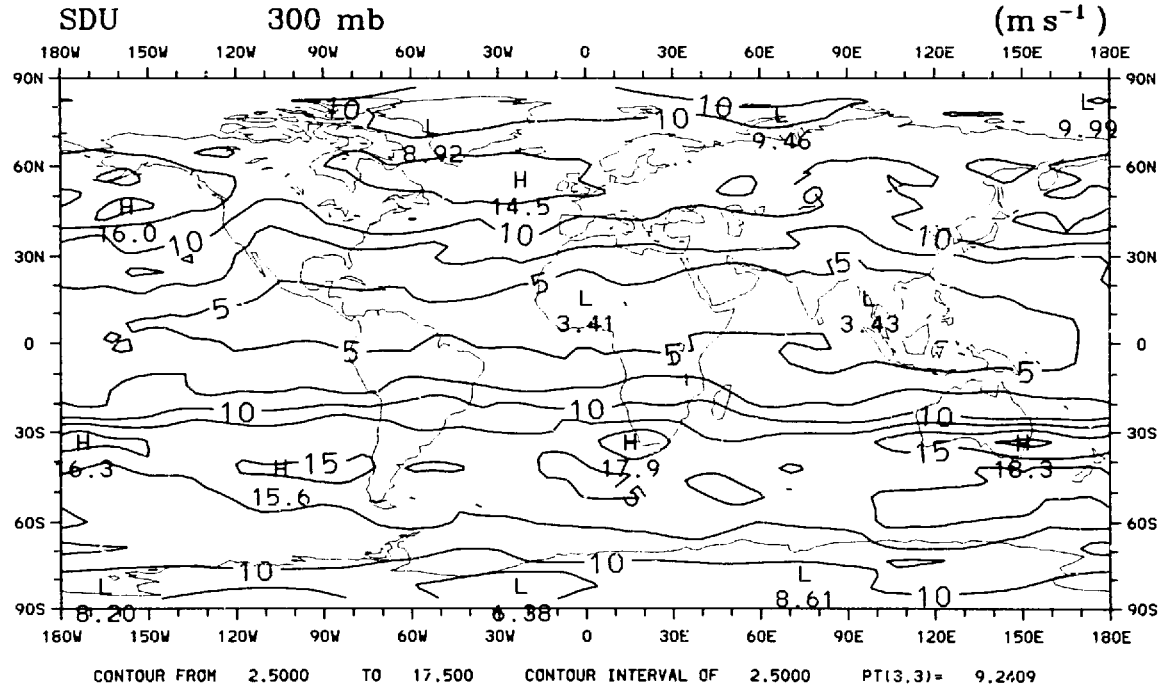

FRAME 2.3

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



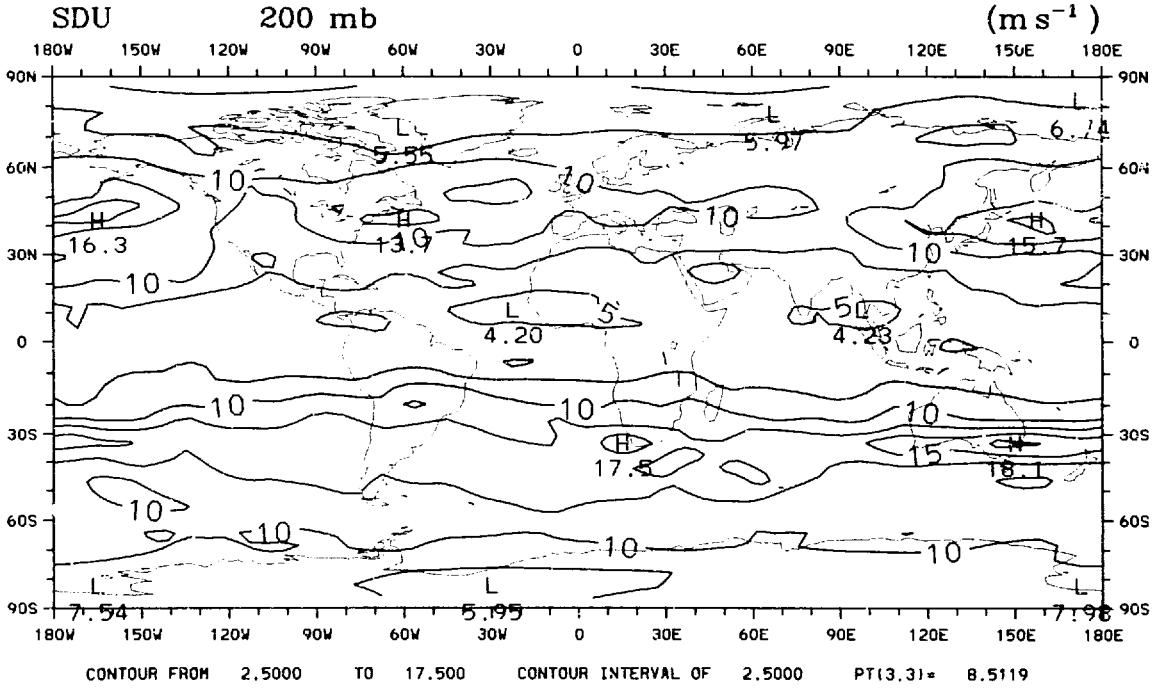

FRAME 2.4

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



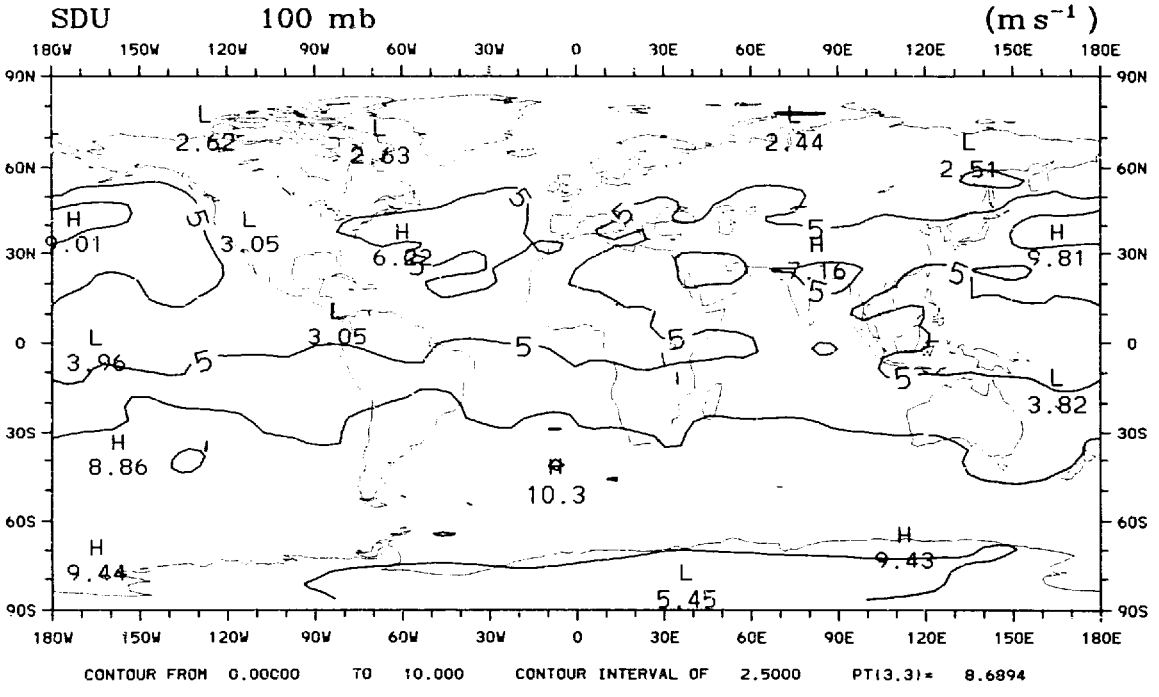

FRAME 2.5

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

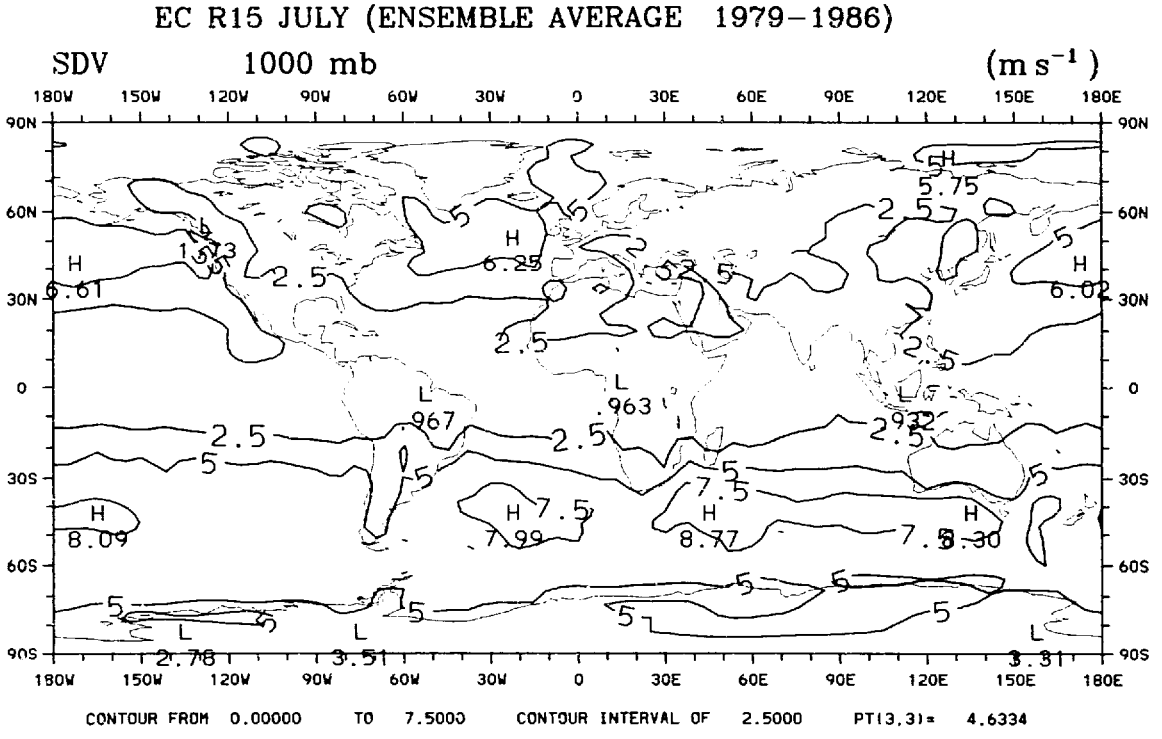



FRAME 2.6

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

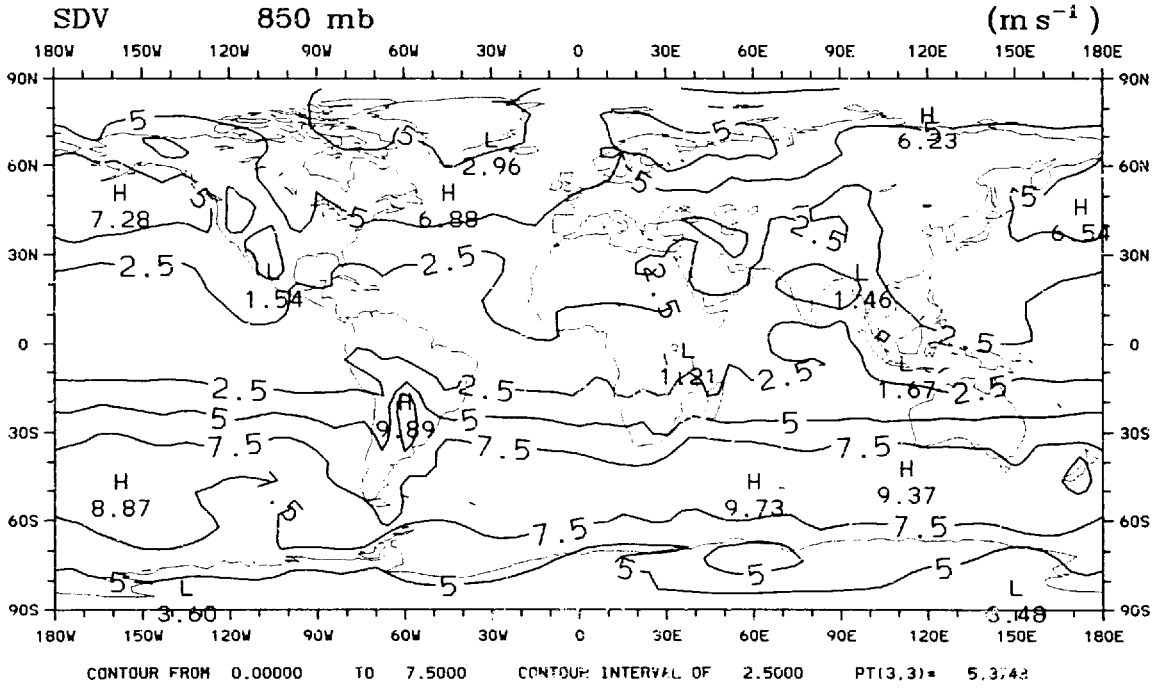



FRAME 2.7


EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)
SDV 1000 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 6.61
H 6.25
H 5.75
H 6.02
H 8.09
H 7.99
H 8.77
H 8.30
L 967
L 963
L 932
L 2.78
L 3.51
L 3.31
2.5
5
7.5
CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 4.6334

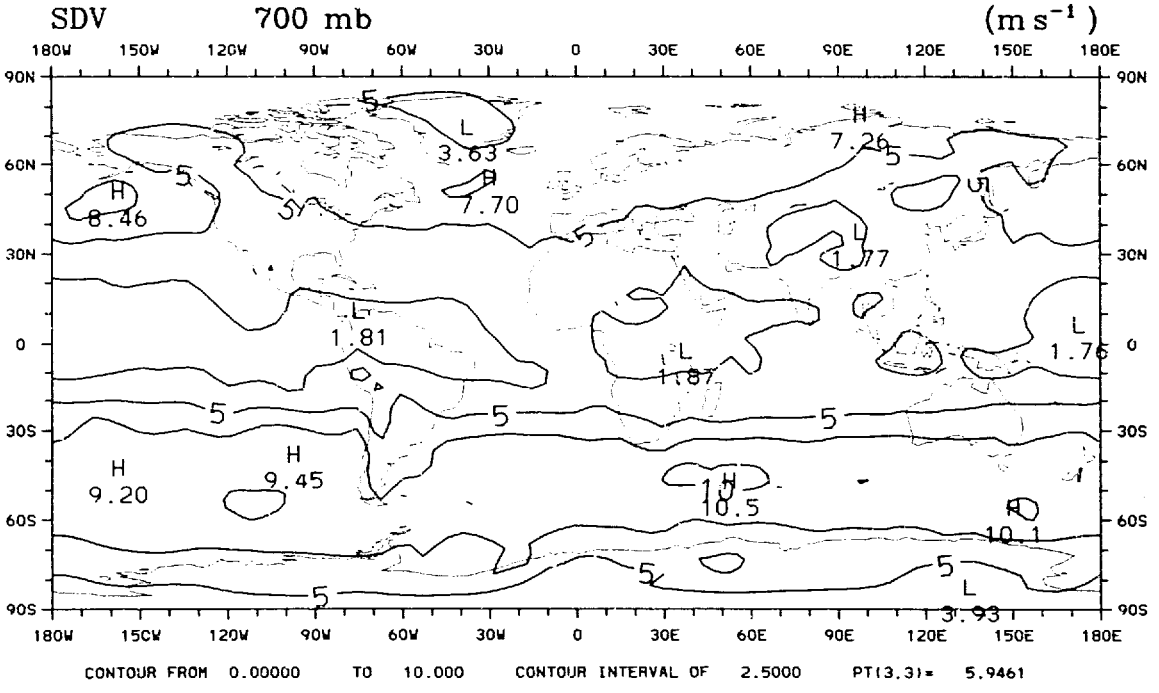
FRAME 2.8

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



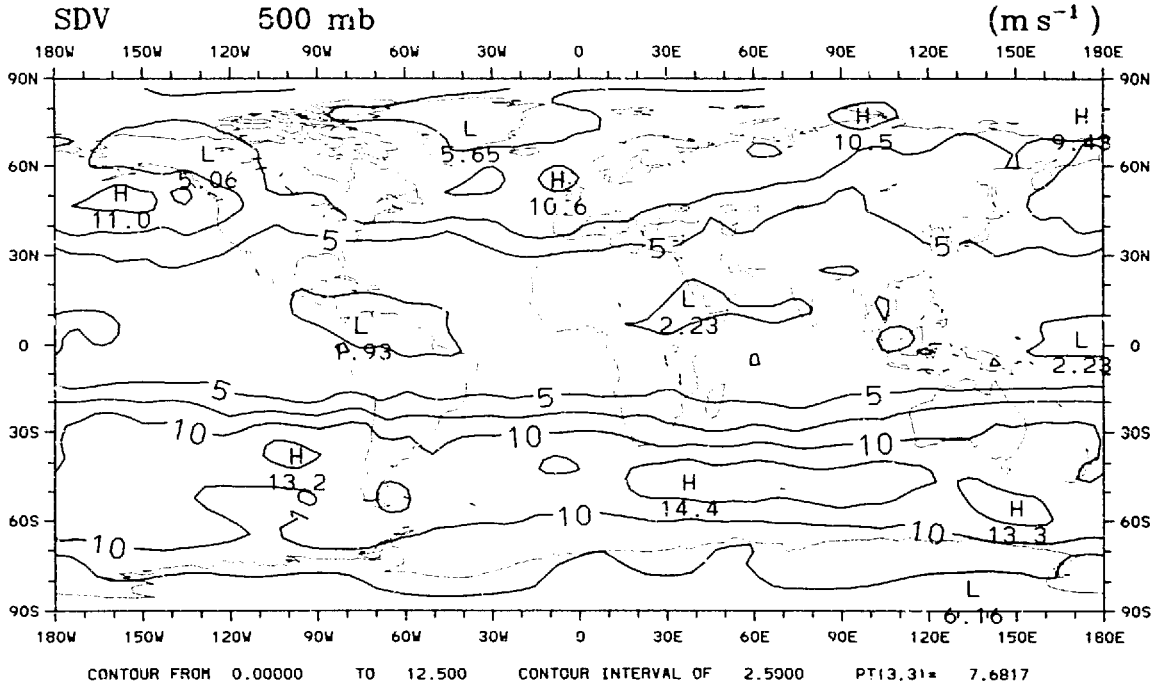

FRAME 2.9

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

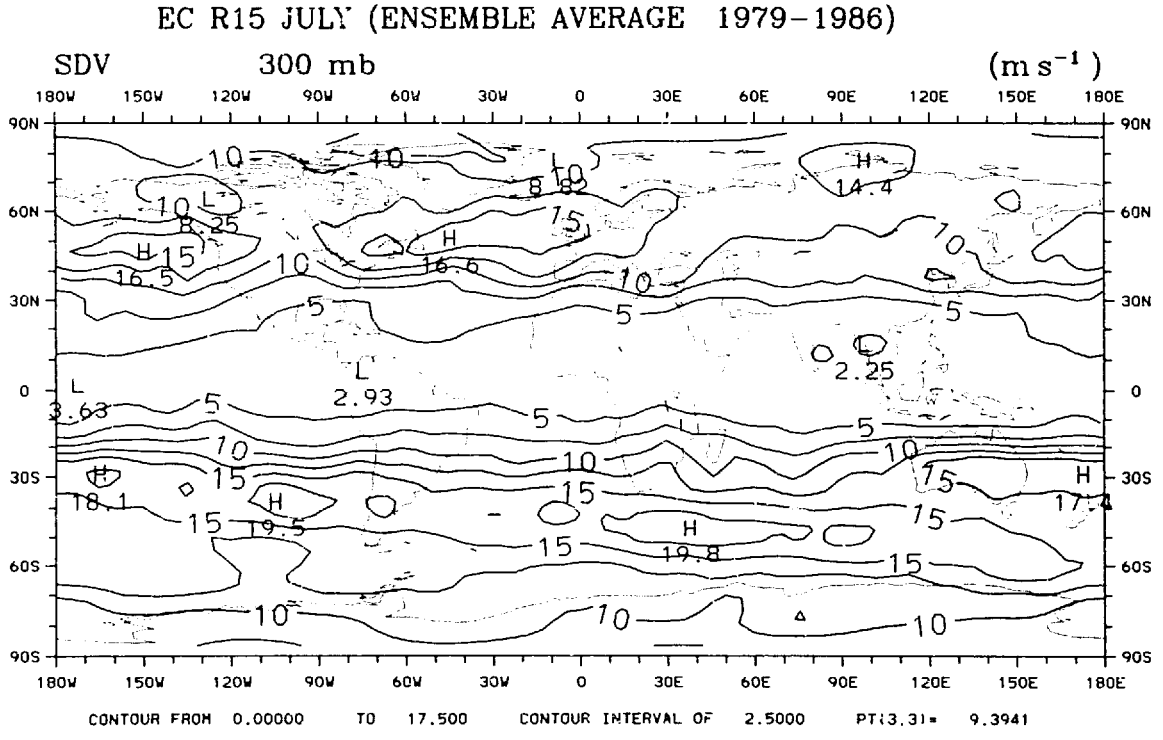



FRAME 2.10

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

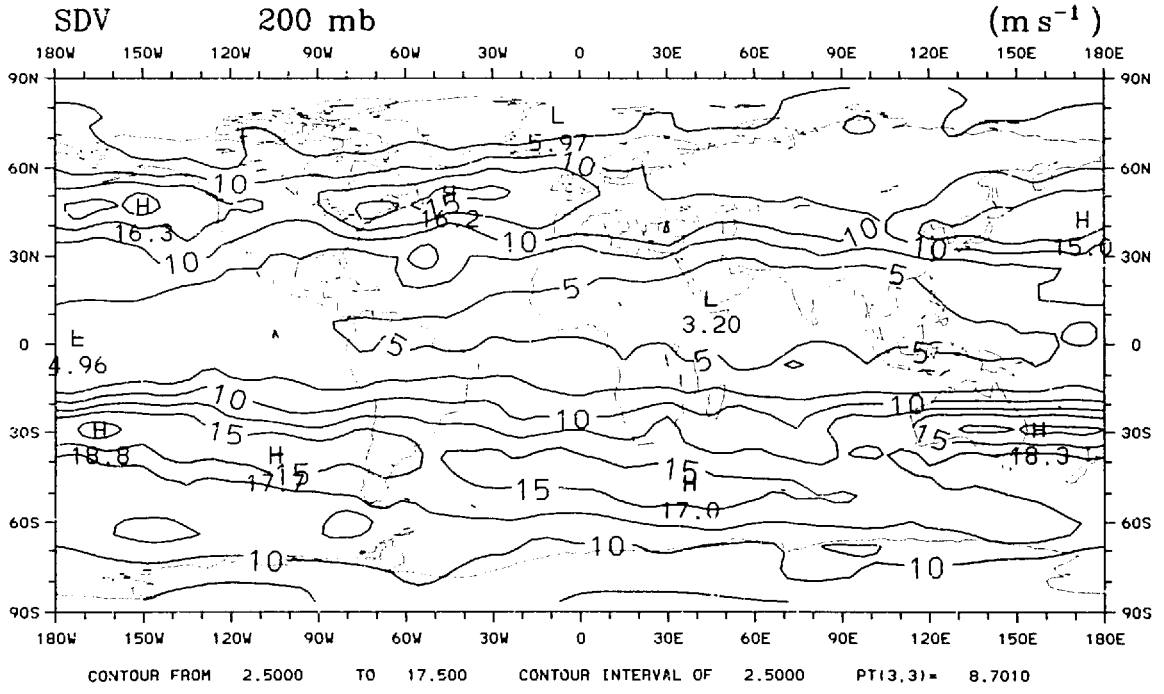



FRAME 2.11


EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)
SDV 300 mb (m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
10
8.82
8.25
15
16.5
16.6
14.4
2.25
3.63
2.93
18.1
19.5
19.8
17.4
CONTOUR FROM 0.00000 TO 17.500 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 9.3941

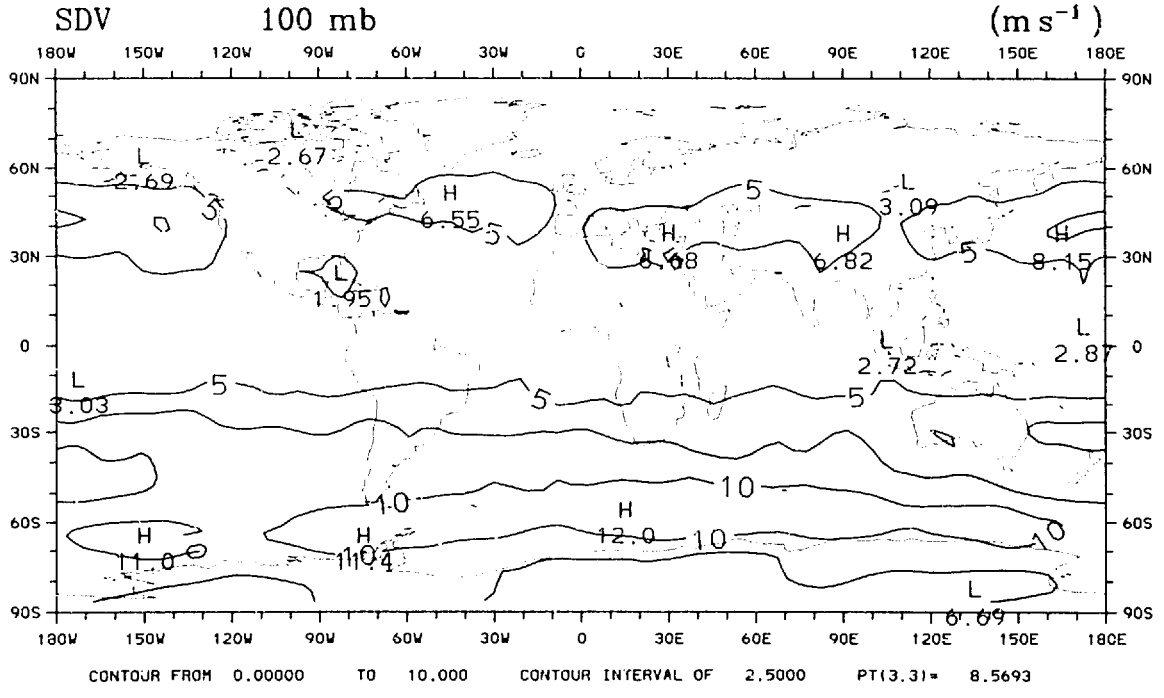
FRAME 2.12

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



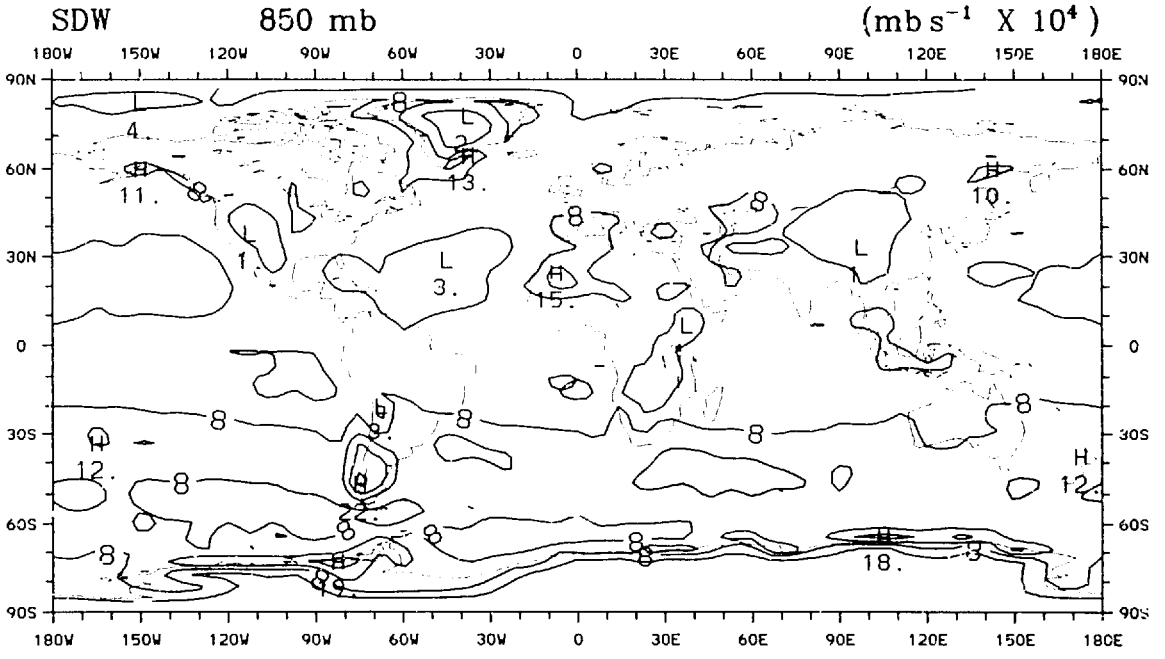

FRAME 2.13

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.14

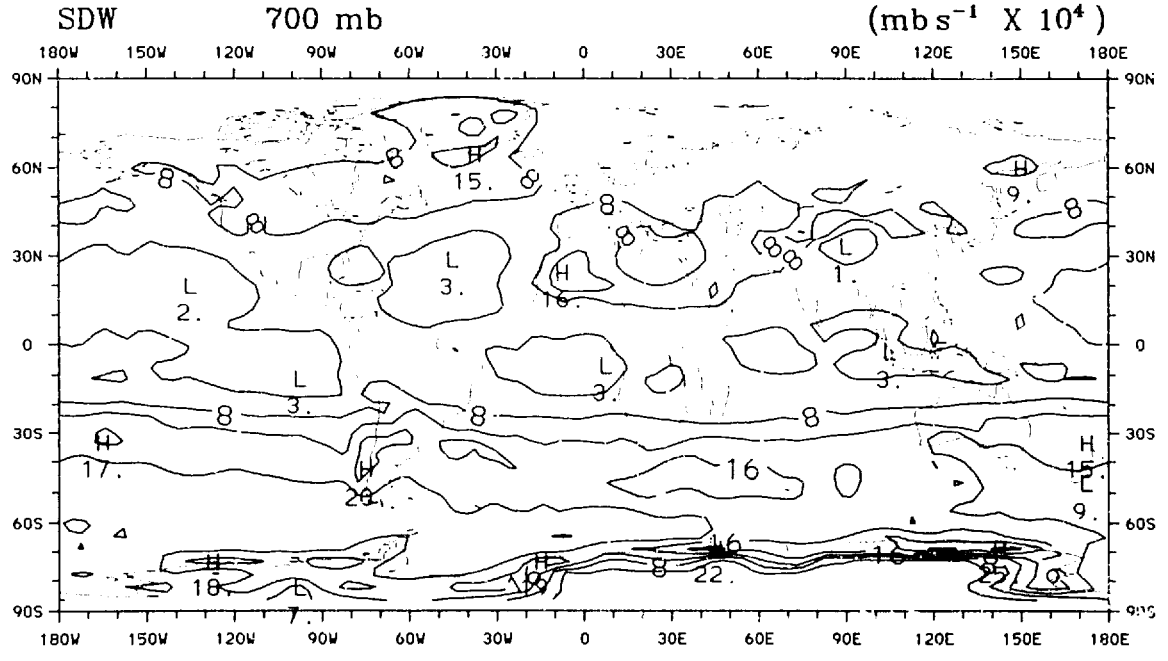
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.61920E-01 LABELS SCALED BY 100.00

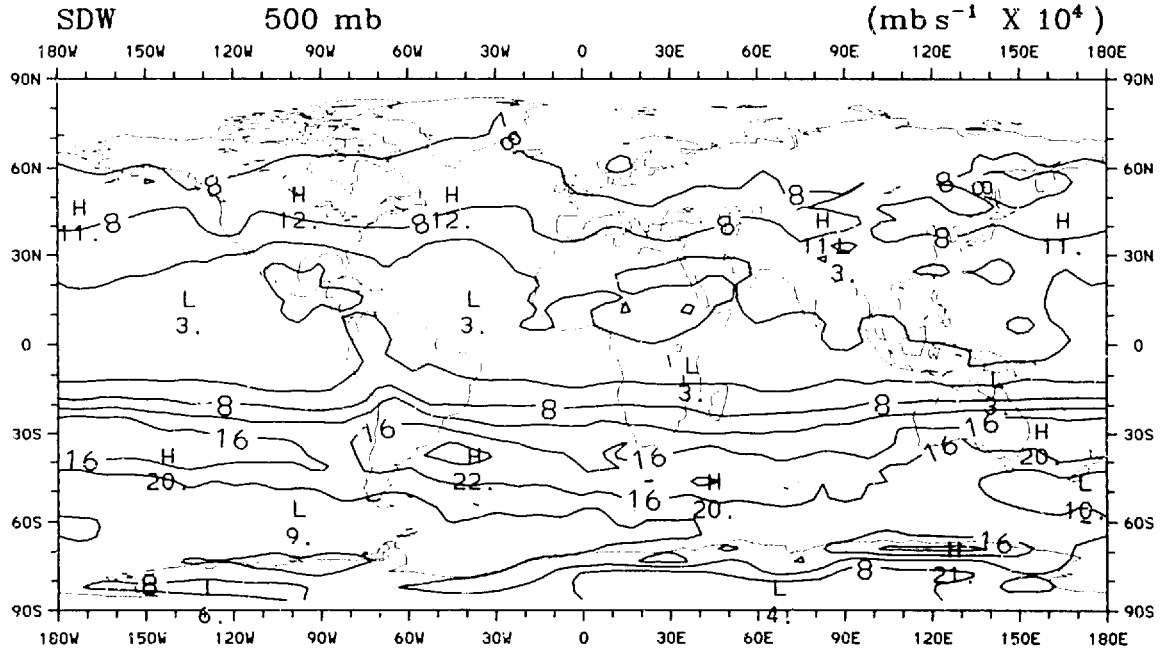
FRAME 2.15

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.16

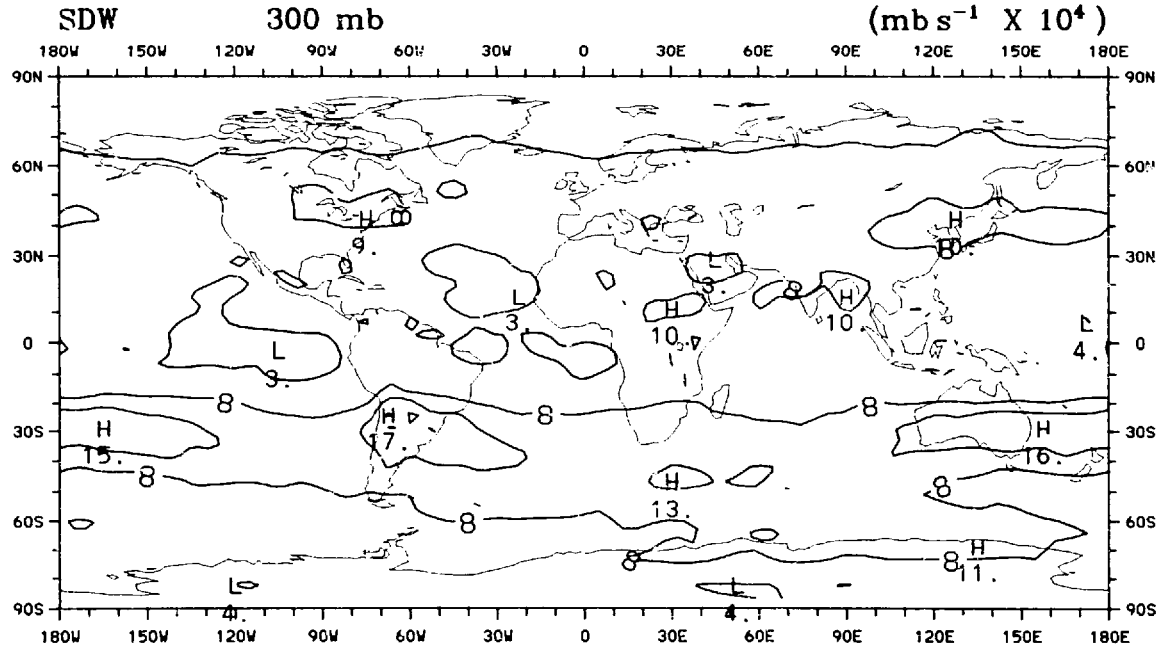
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.84095E-01 LABELS SCALED BY 100.00

FRAME 2.17

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

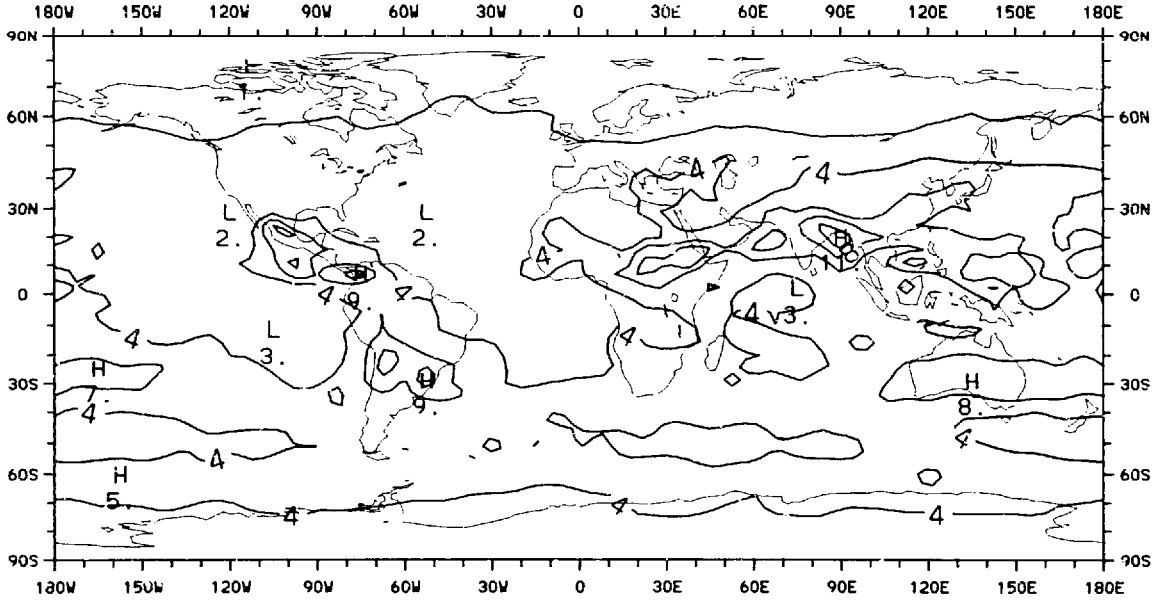



CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.51613E-01 LABELS SCALED BY 100.00

FRAME 2.18

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

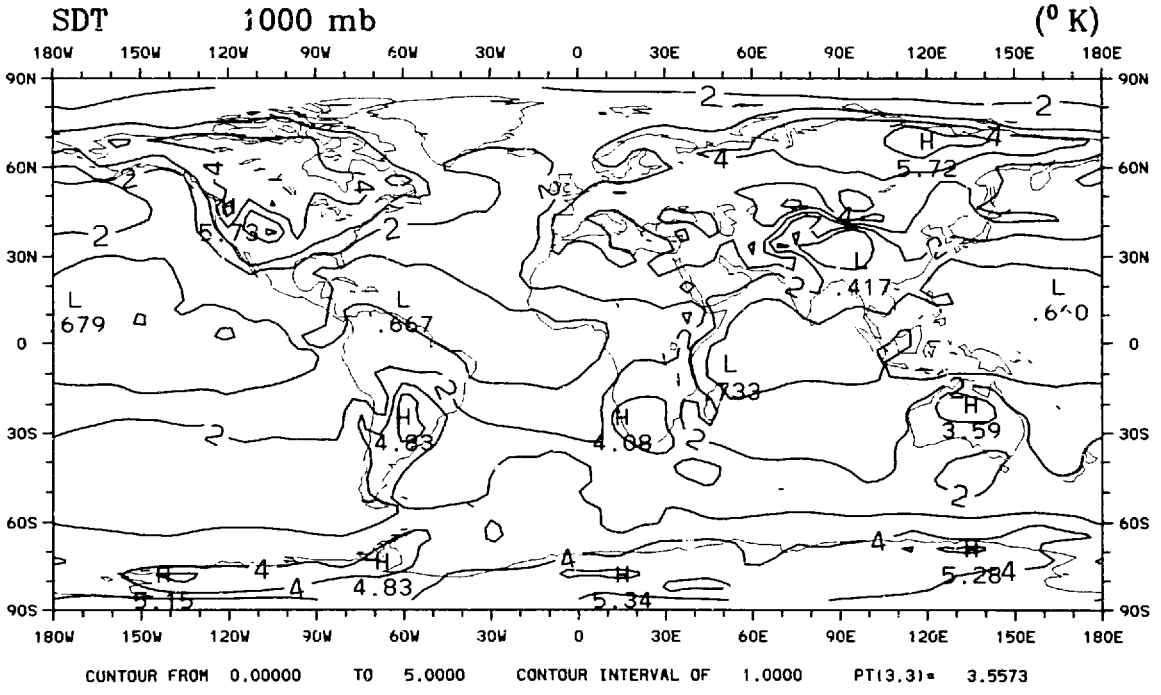
SDW 200 mb ($mb\,s^{-1} \times 10^4$)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.32293E-01 LABELS SCALED BY 100.00

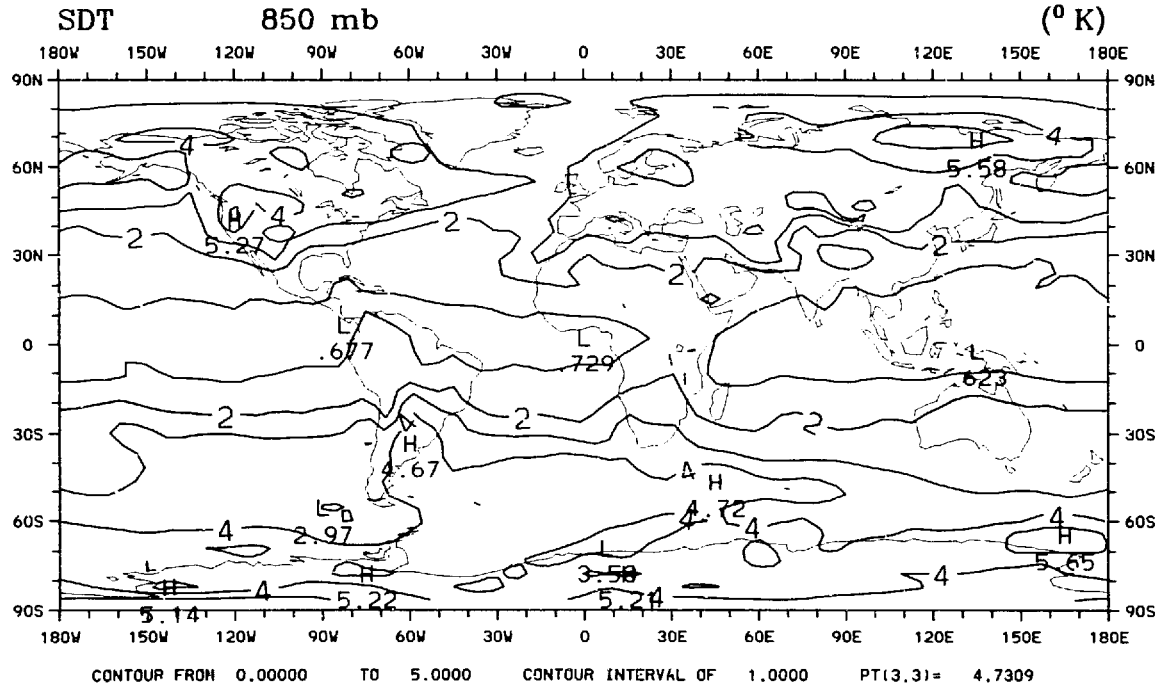
FRAME 2.19

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



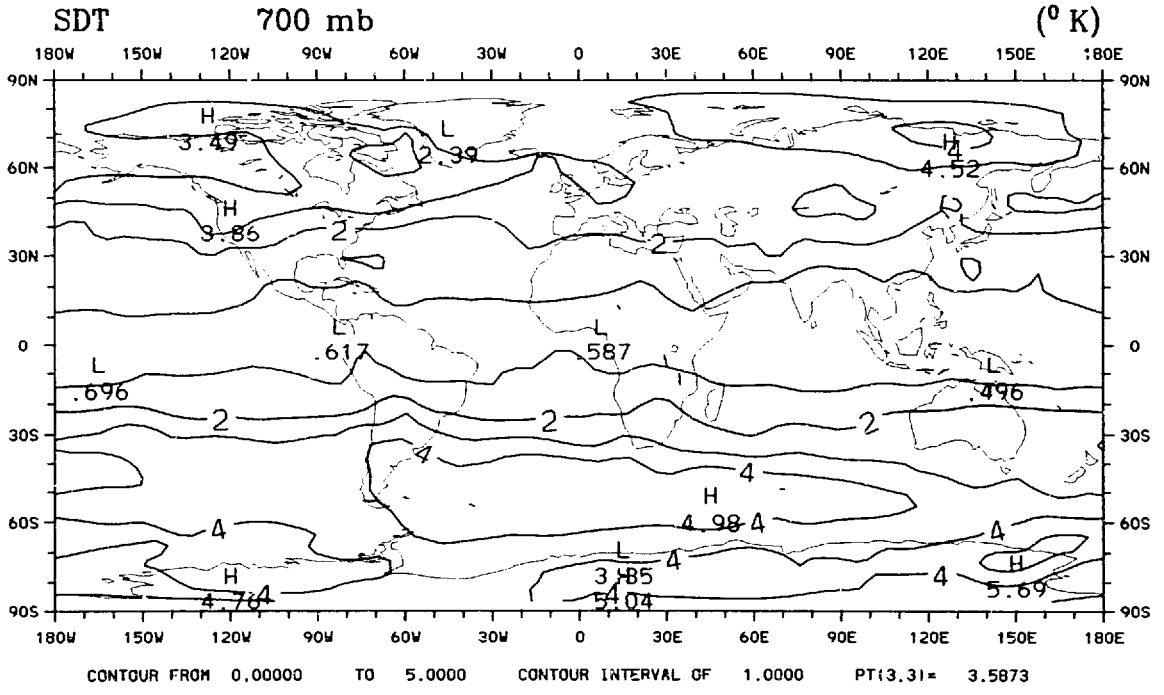

FRAME 2.20

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



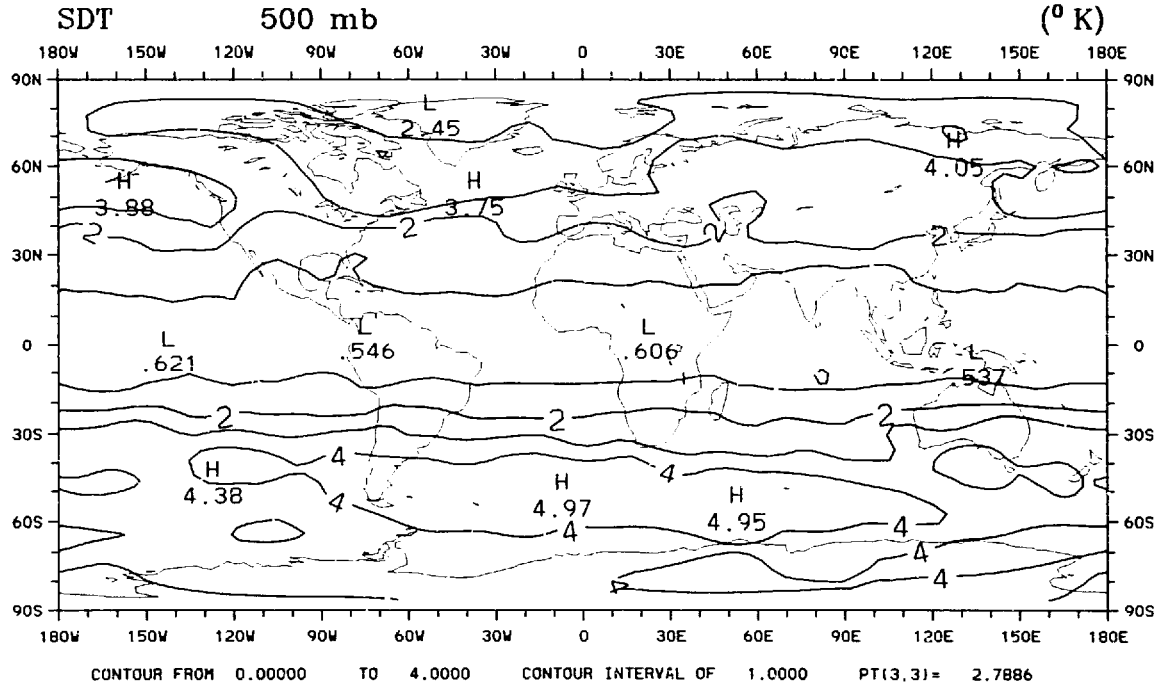

FRAME 2.21

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



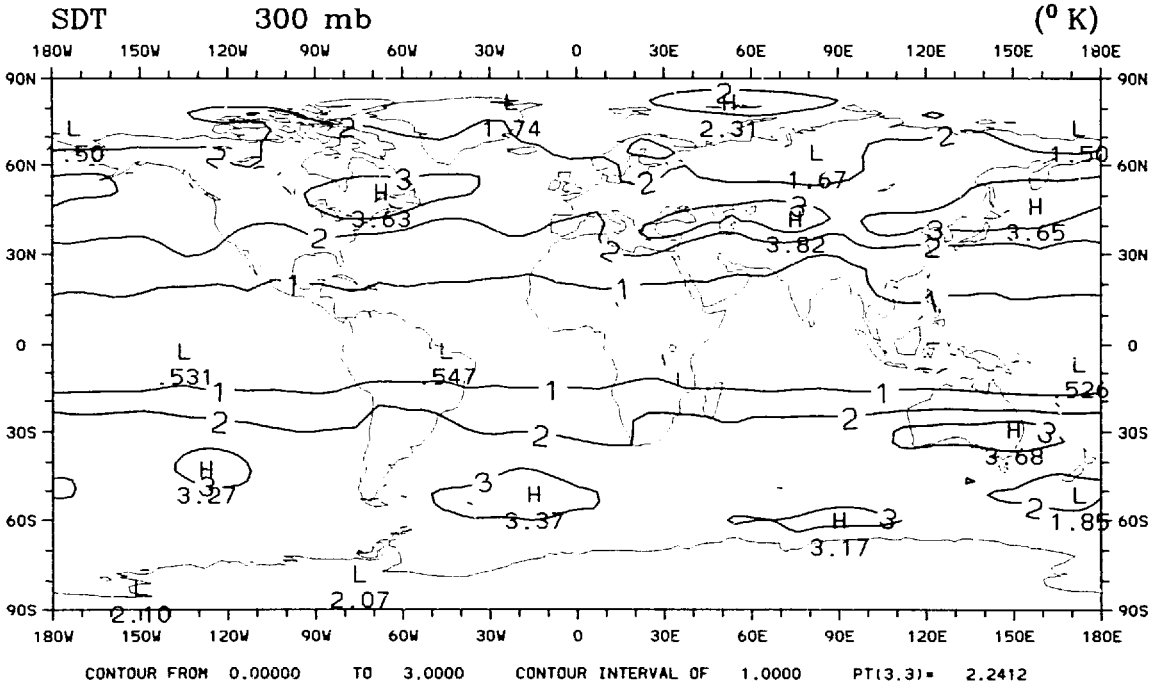

FRAME 2.22

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



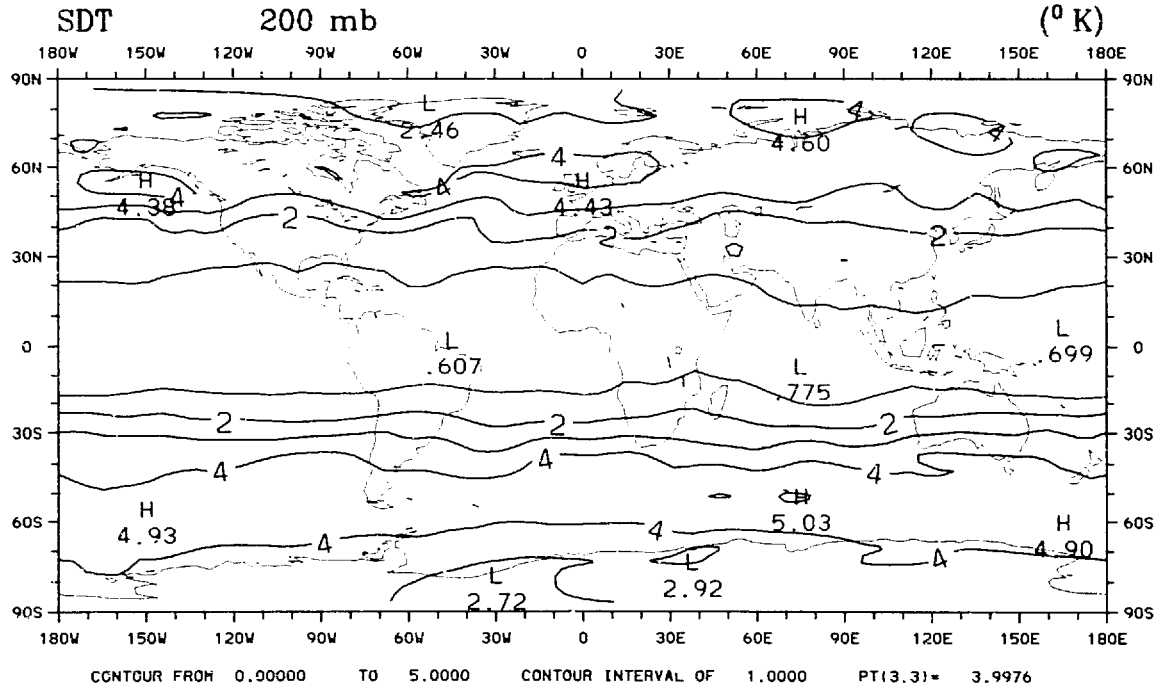

FRAME 2.23

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



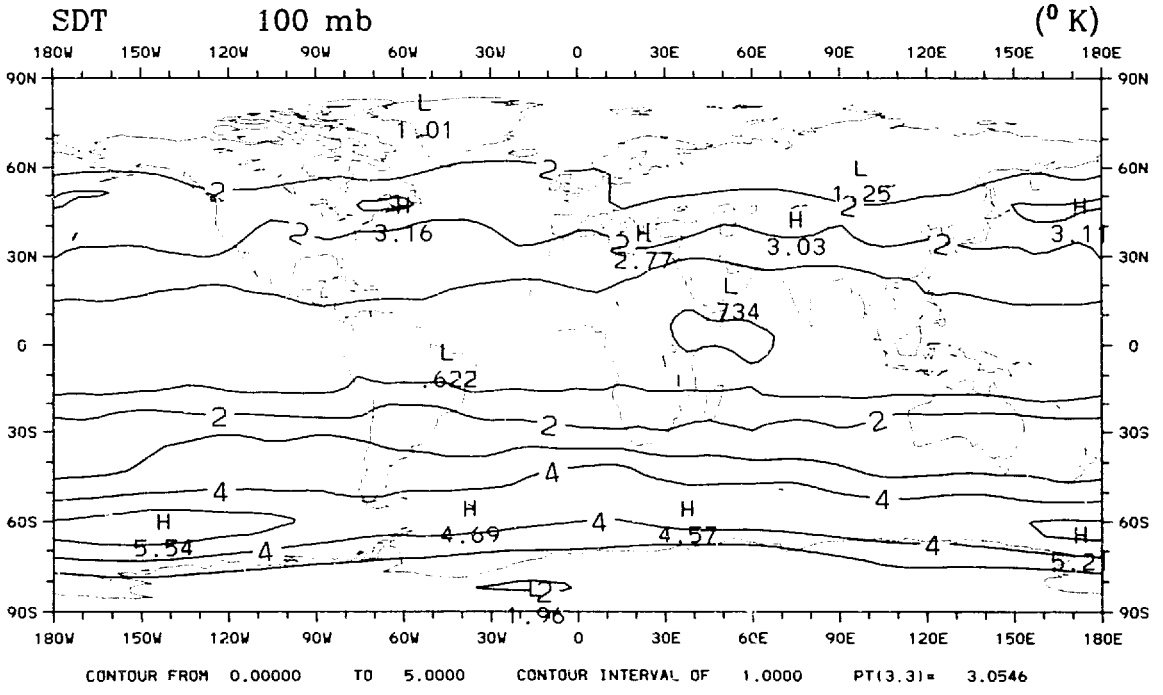

FRAME 2.24

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



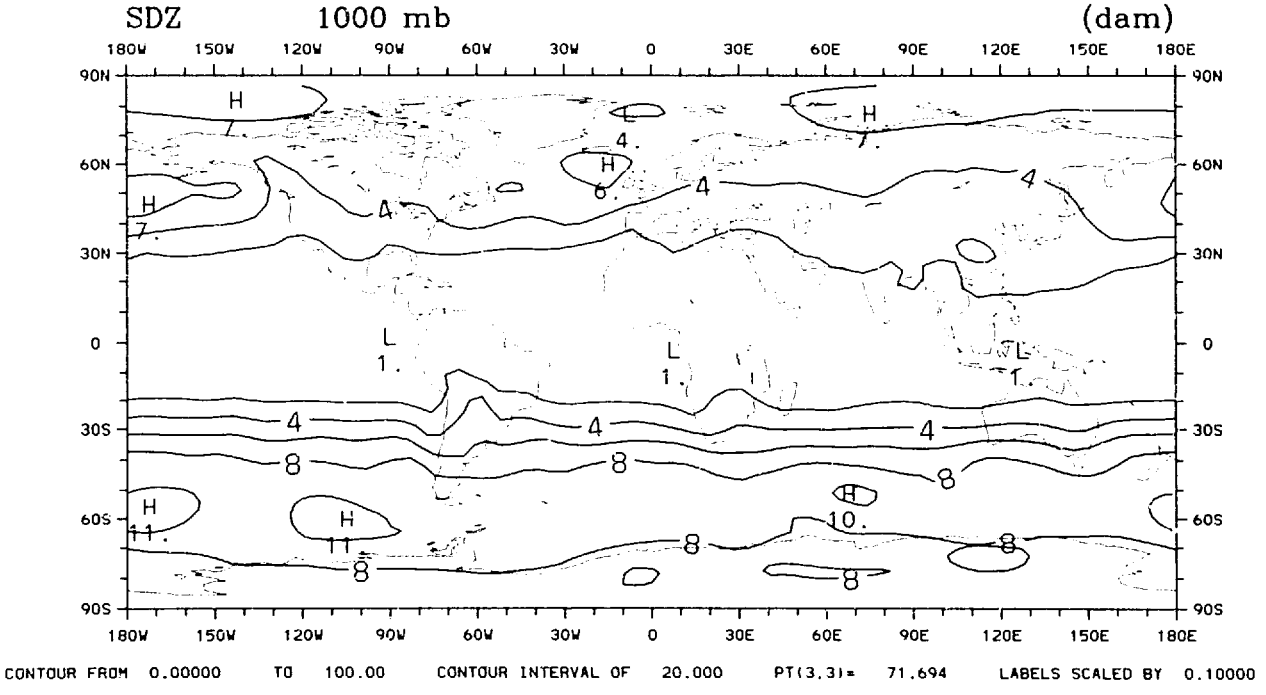

FRAME 2.25

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



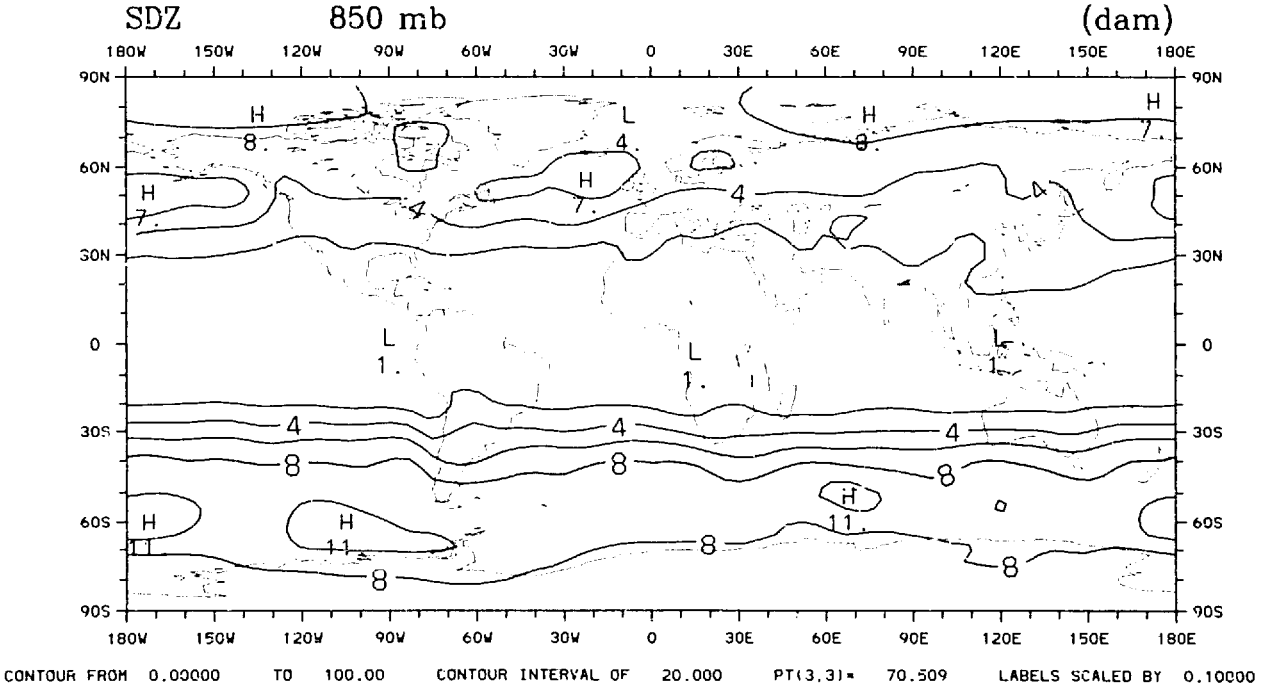

FRAME 2.26

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



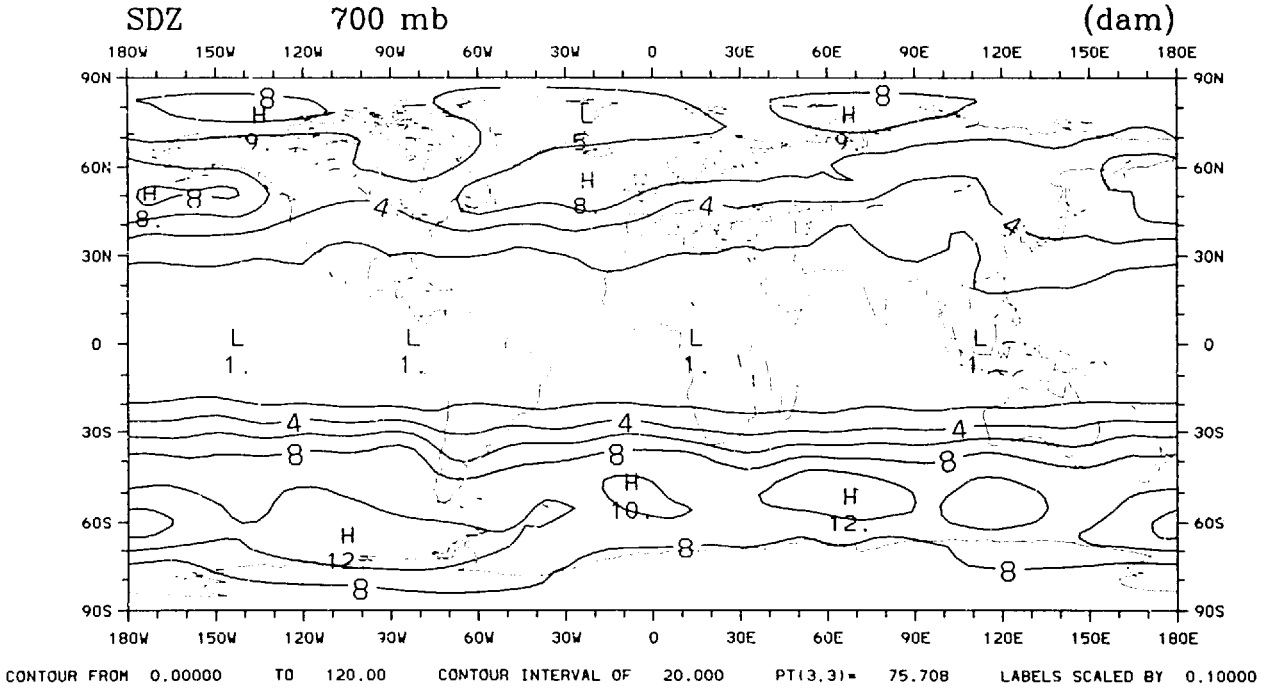

FRAME 2.27

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



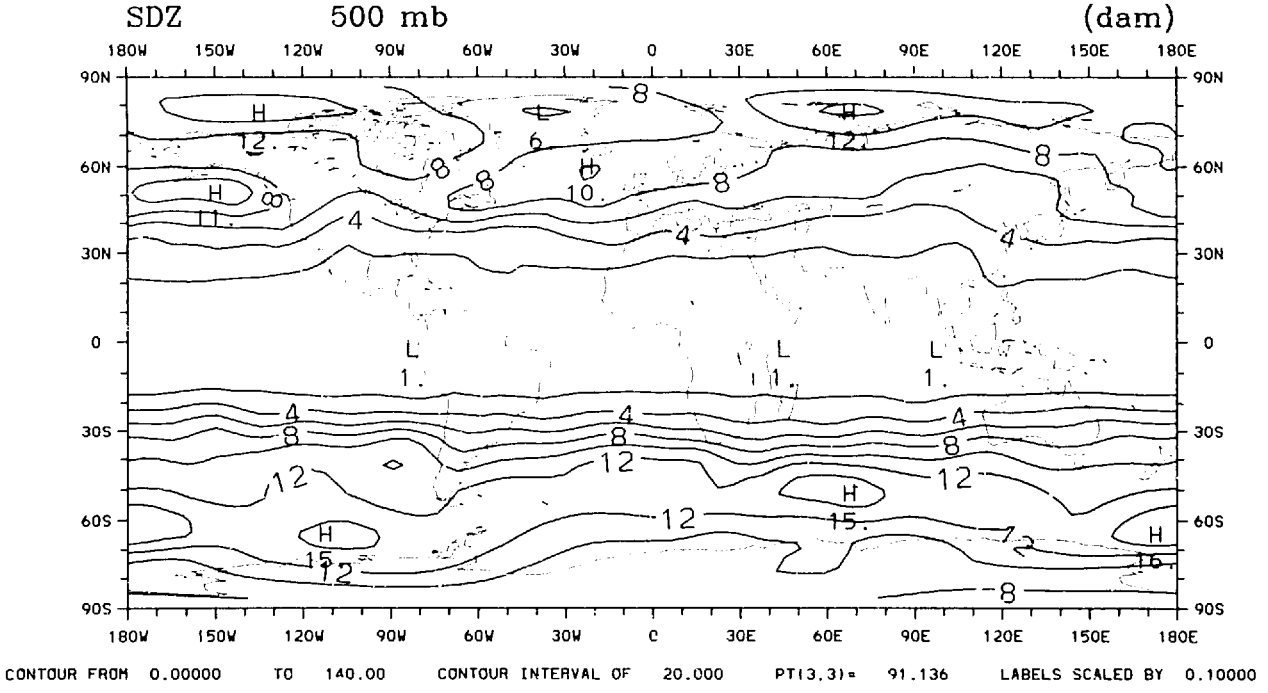

FRAME 2.28

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



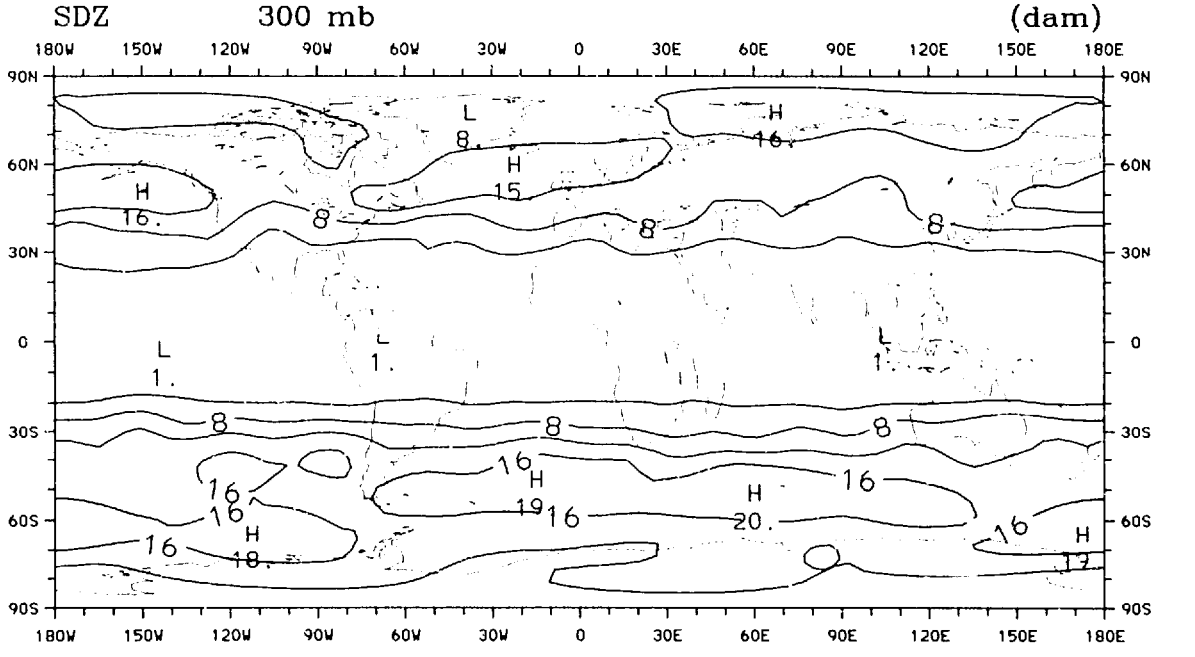

FRAME 2,29

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.30

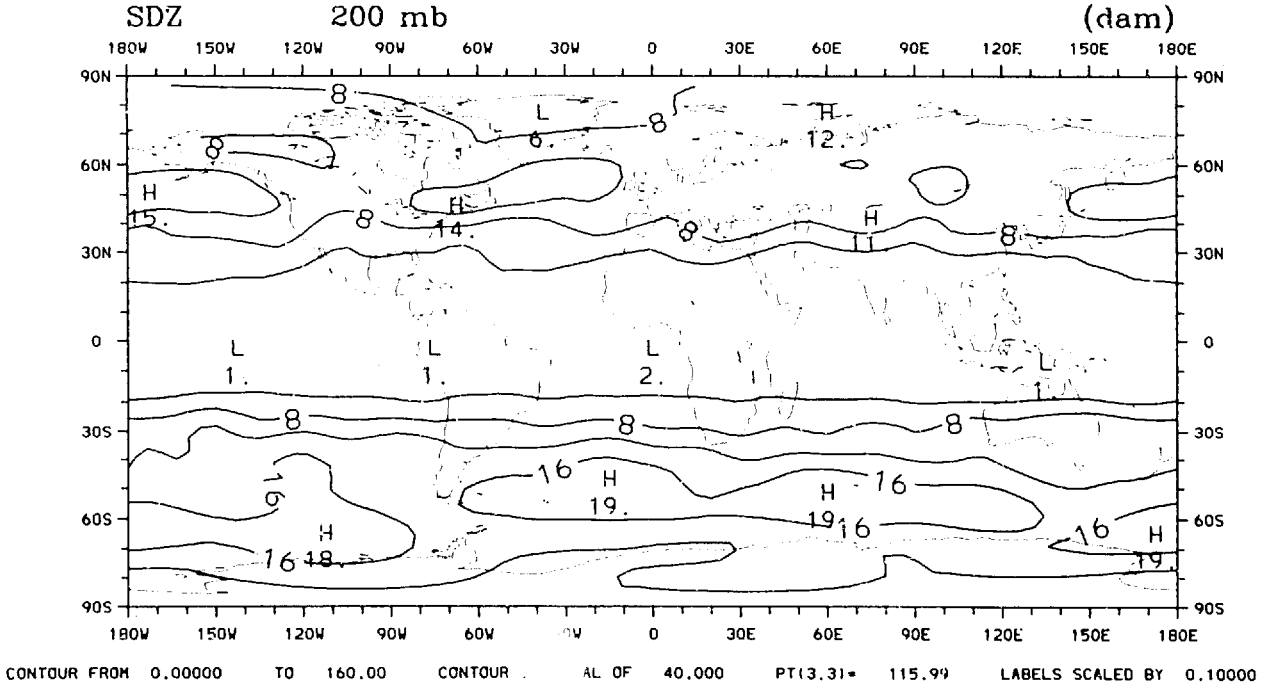
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 110.15 LABELS SCALED BY 0.10000

FRAME 2.31

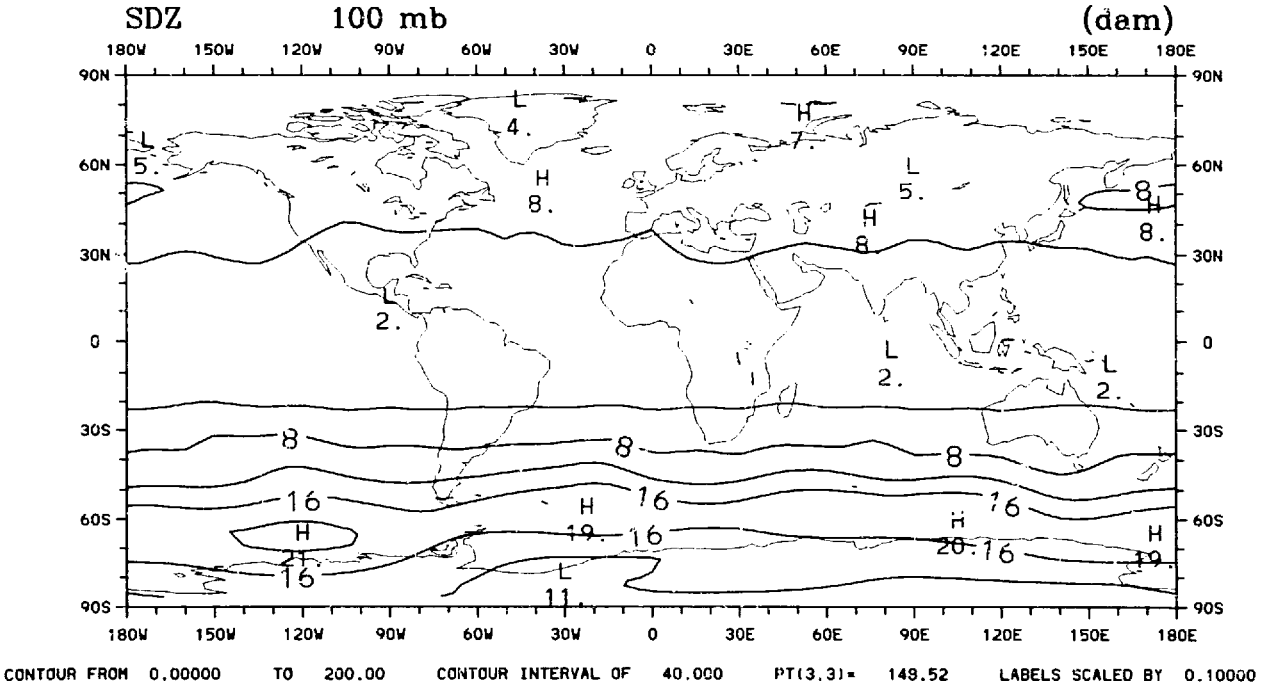
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR . AL OF 40.000 PT(3.31* 115.99 LABELS SCALED BY 0.10000

FRAME 2.32

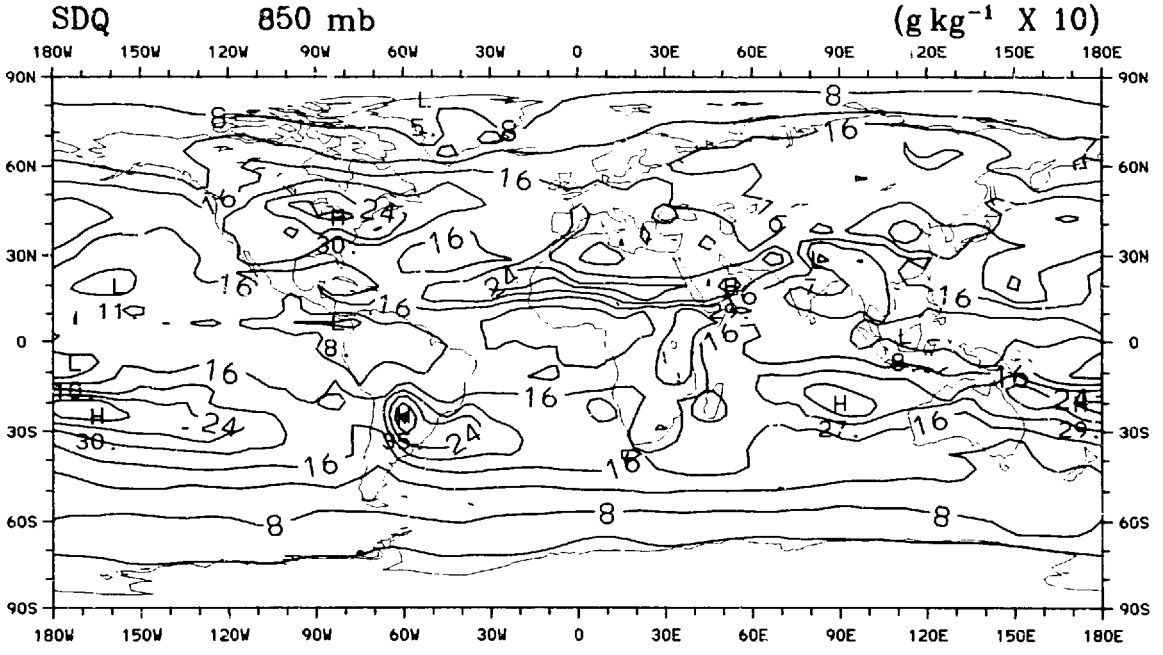
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 148.52 LABELS SCALED BY 0.10000

FRAME 2,33

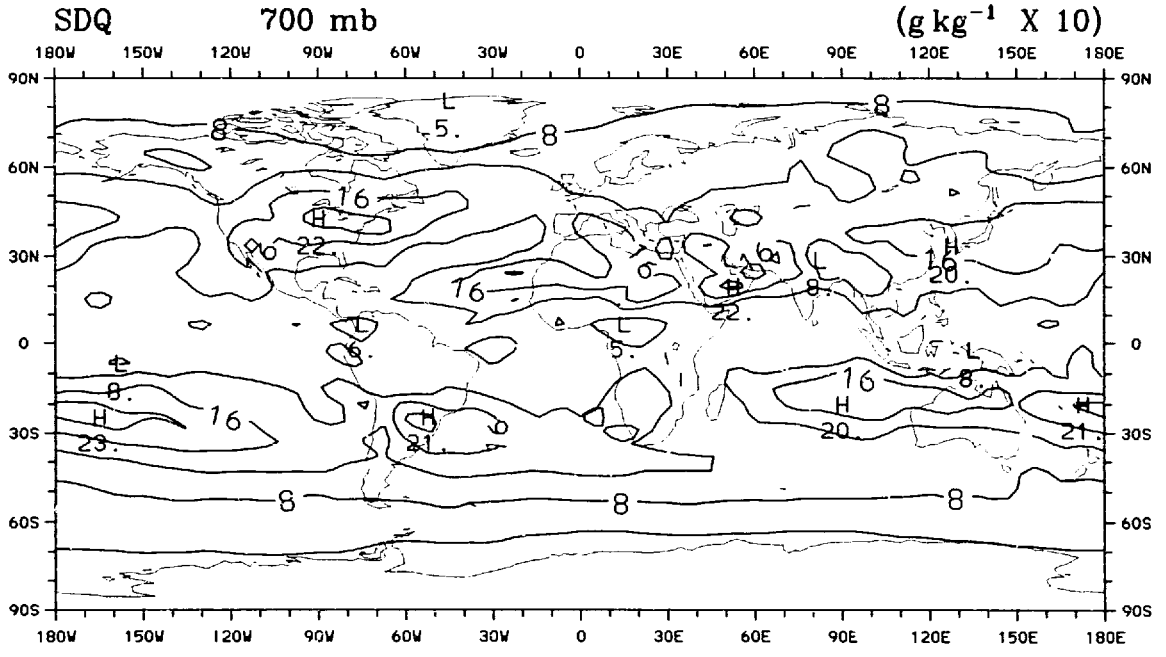
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.24464E-03 LABELS SCALED BY 10000.

FRAME 2.34

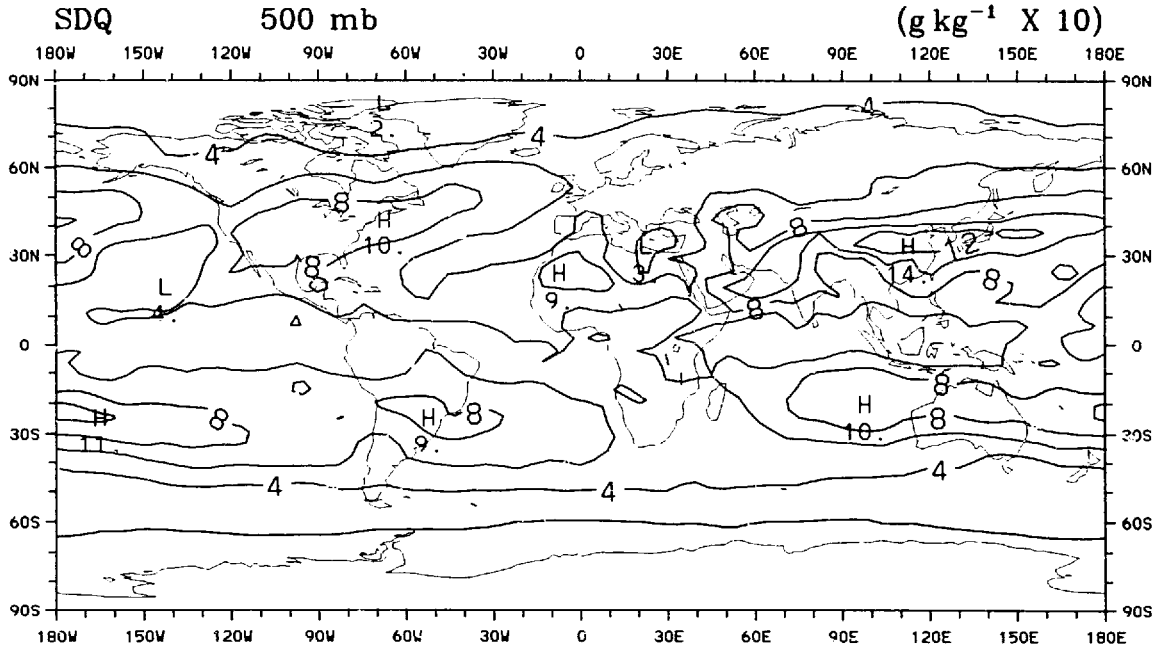
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.20333E-03 LABELS SCALED BY 10000.

FRAME 2.35

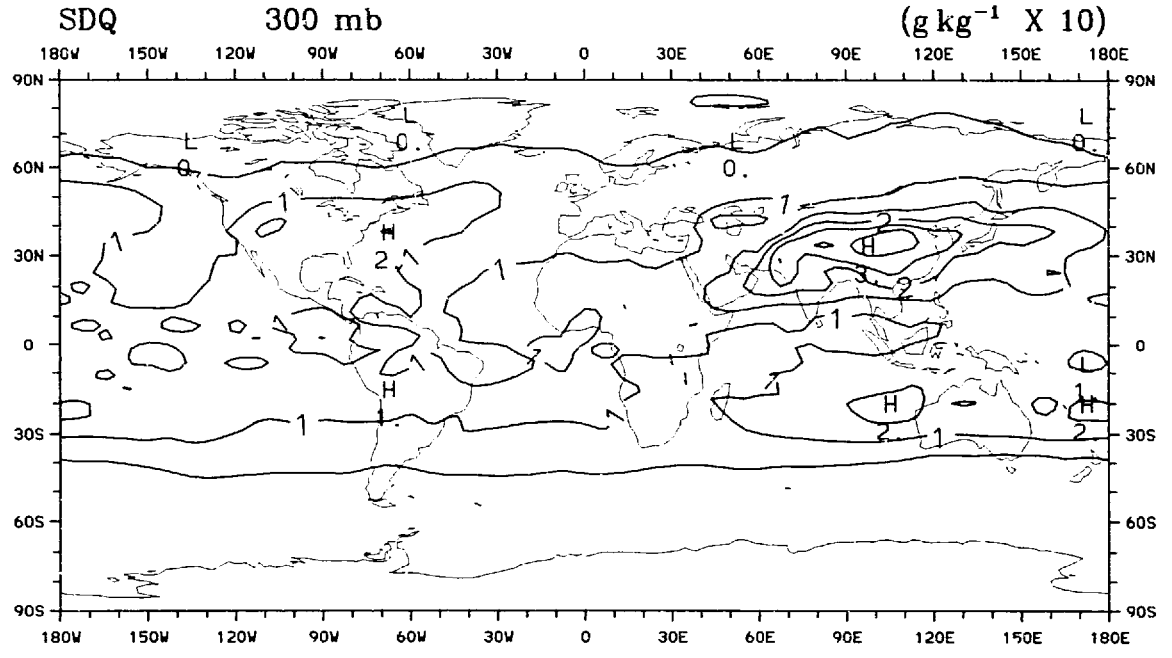
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.12000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.73724E-04 LABELS SCALED BY 10000.

FRAME 2.36

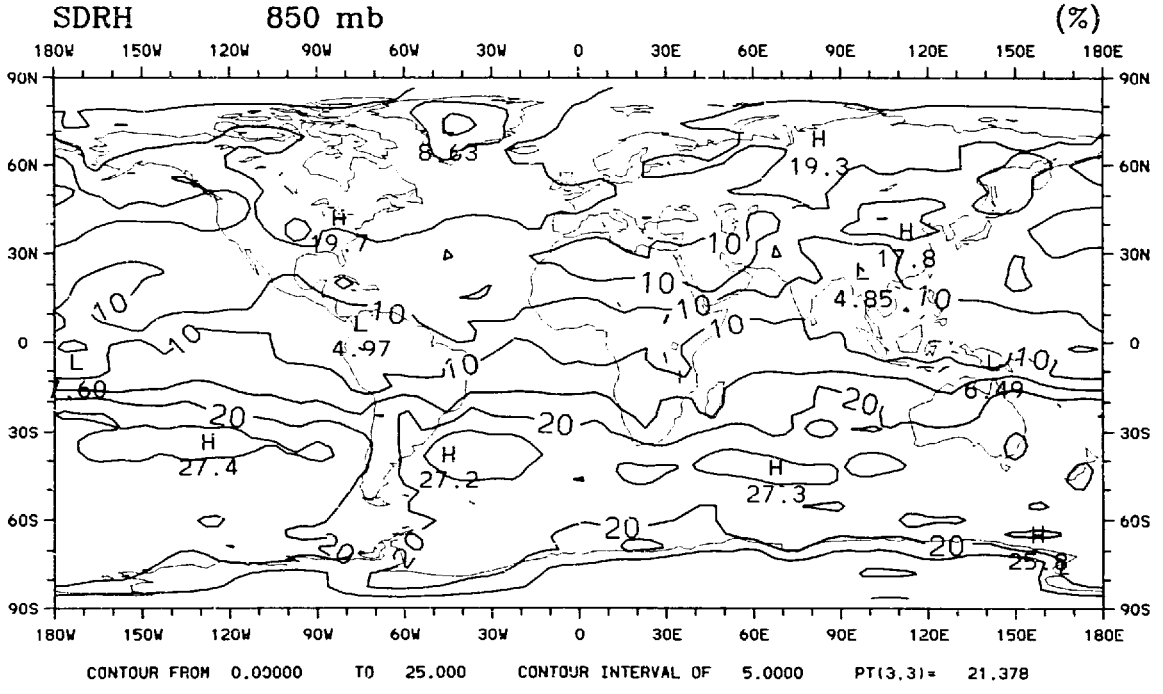
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.30000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.72463E-05 LABELS SCALED BY 10000.

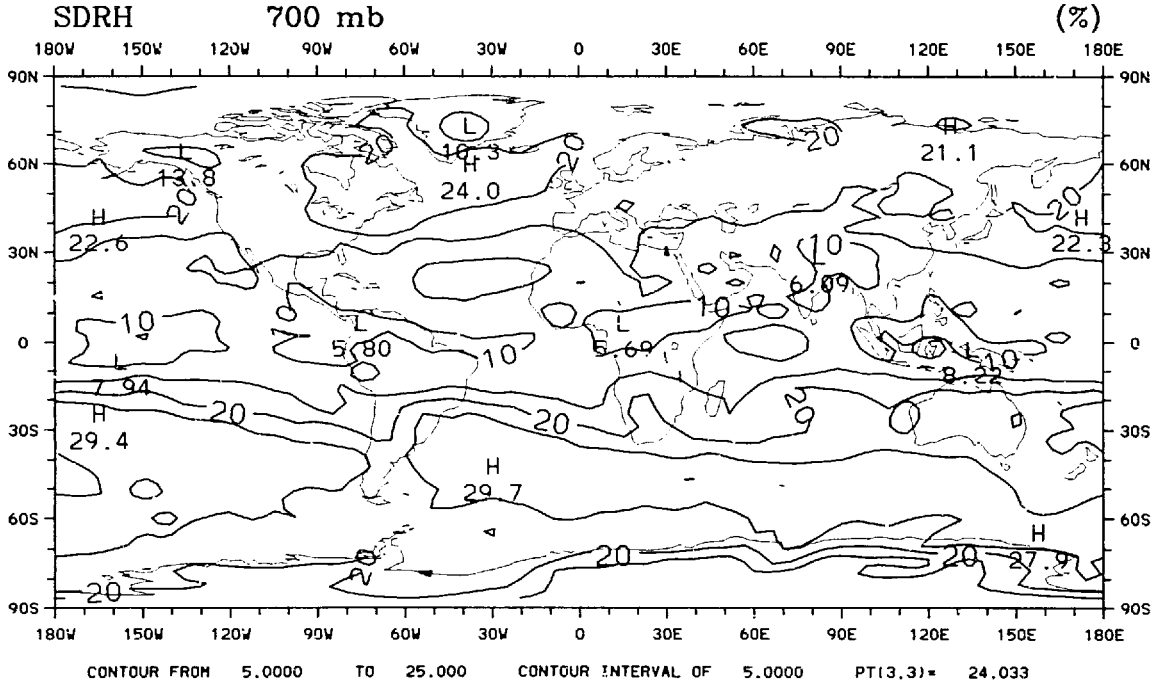
FRAME 2.37

EC R15 JULY (ENSEMBLE AVERAGE 1979--1986)



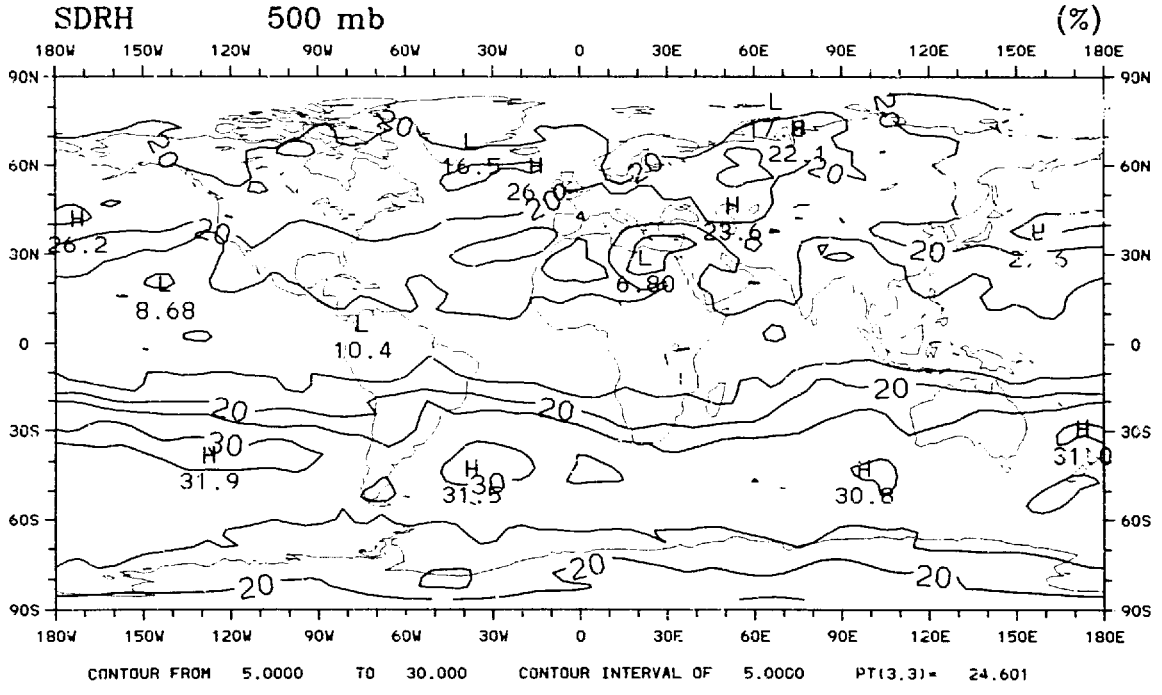

FRAME 2.38

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



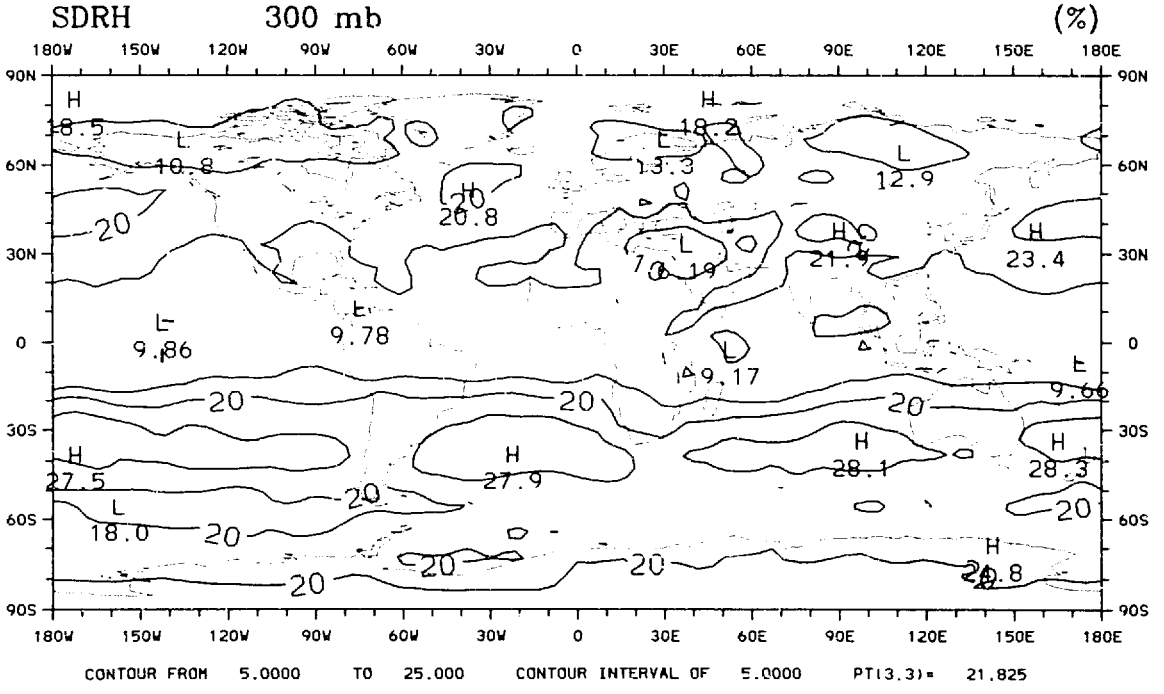

FRAME 2.39

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



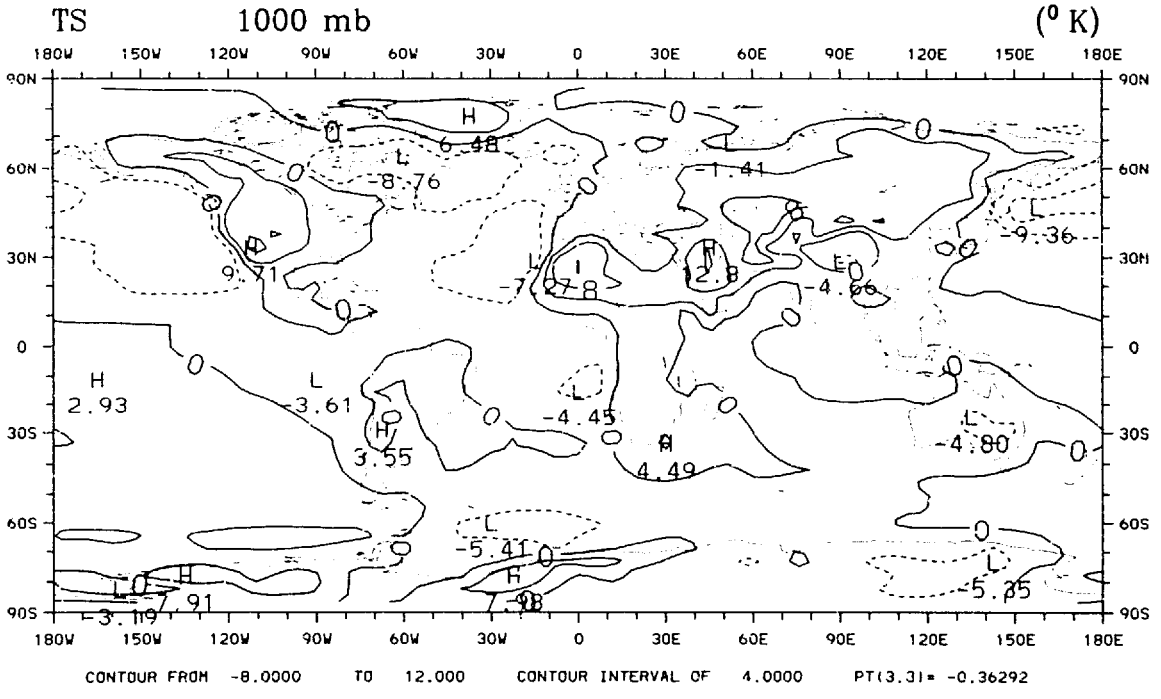

FRAME 2.40

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



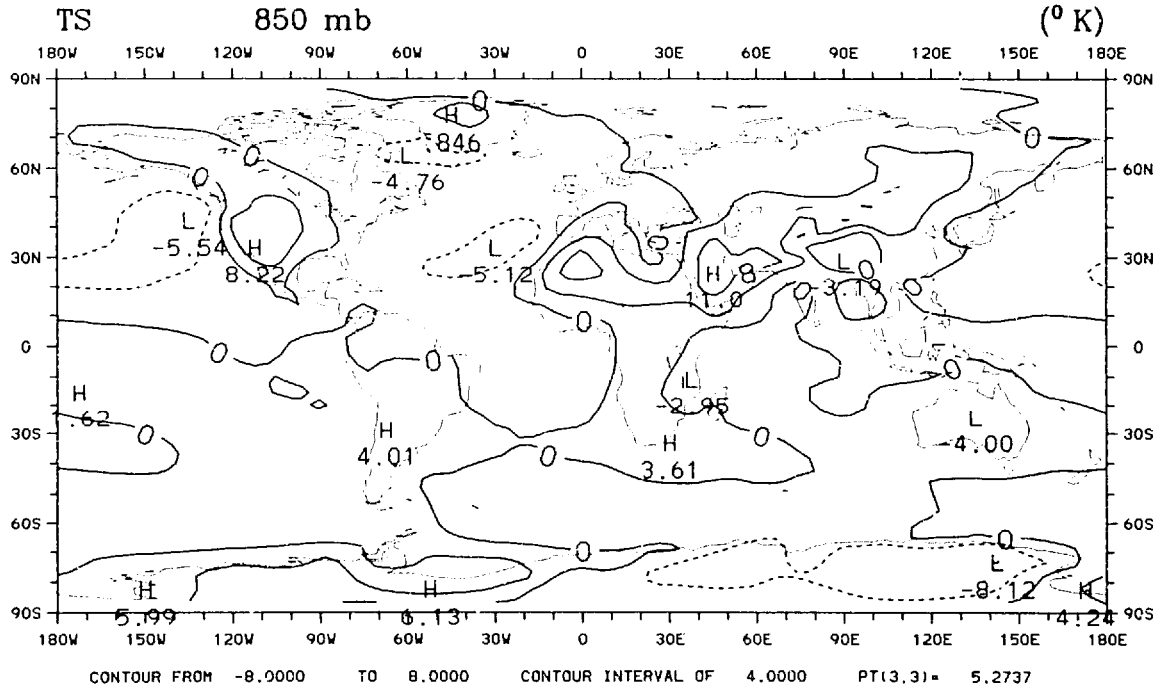

FRAME 2,41

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



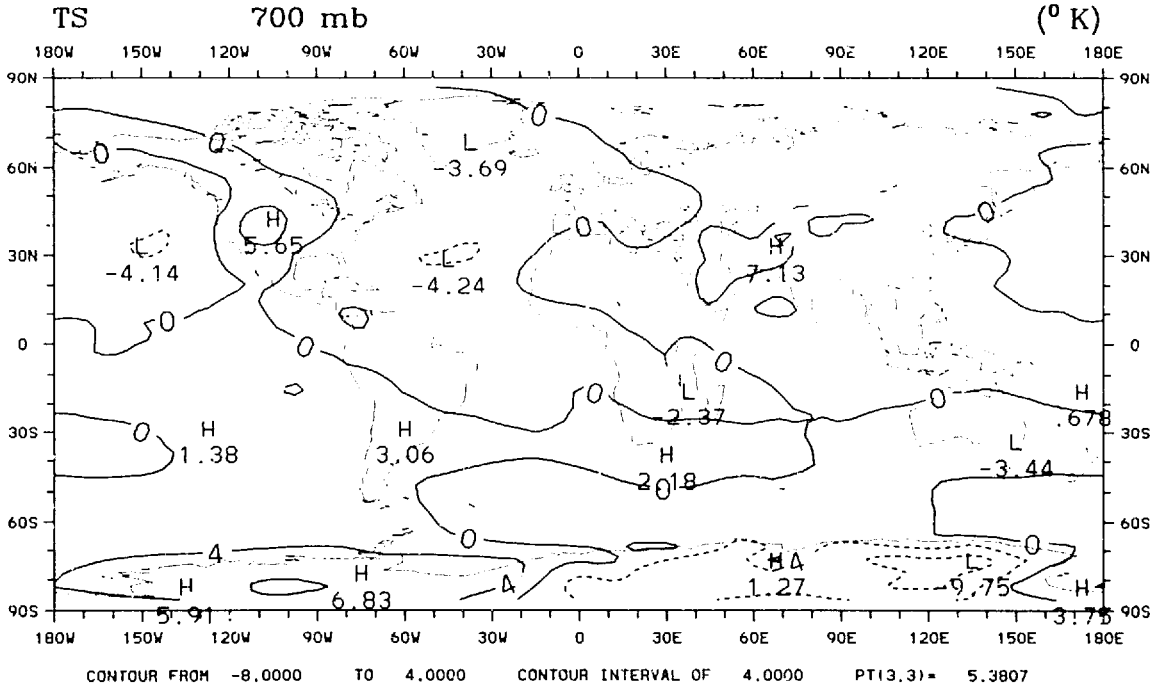

FRAME 2.42

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



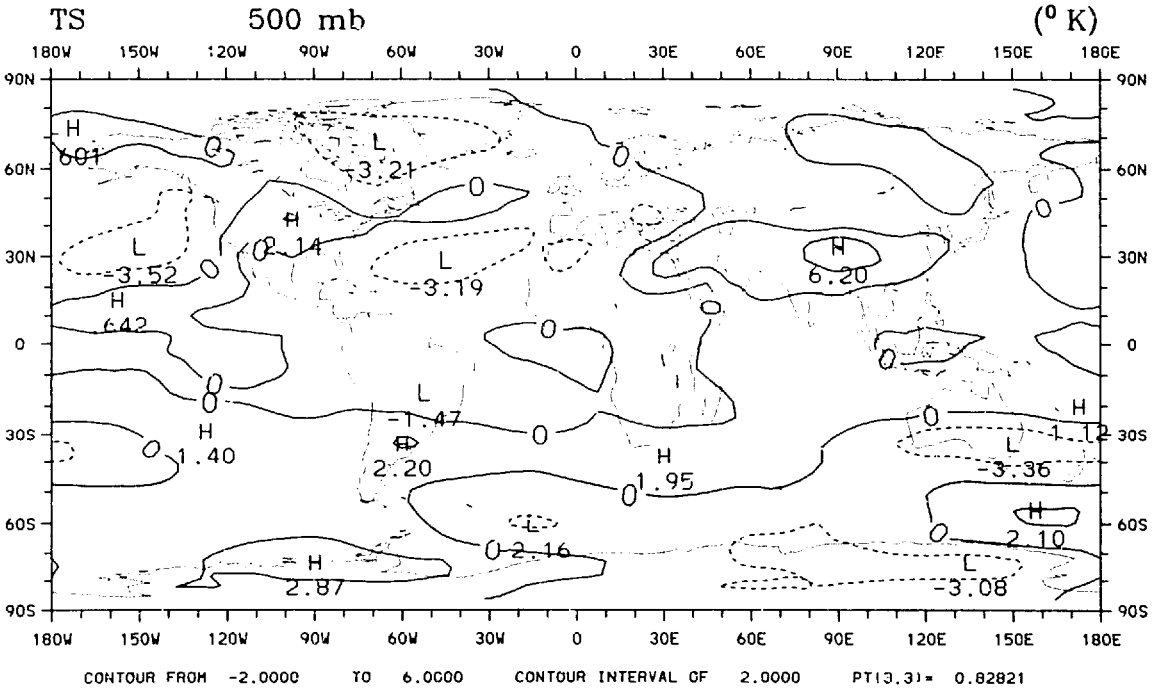

FRAME 2.43

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



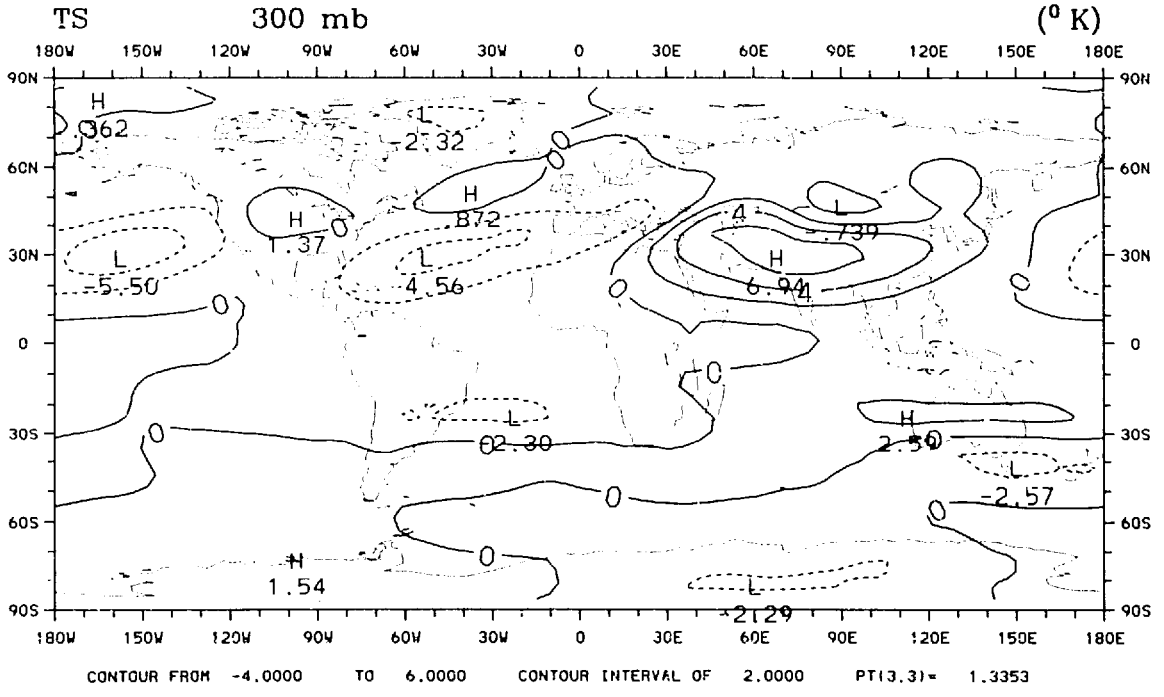

FRAME 2.44

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)



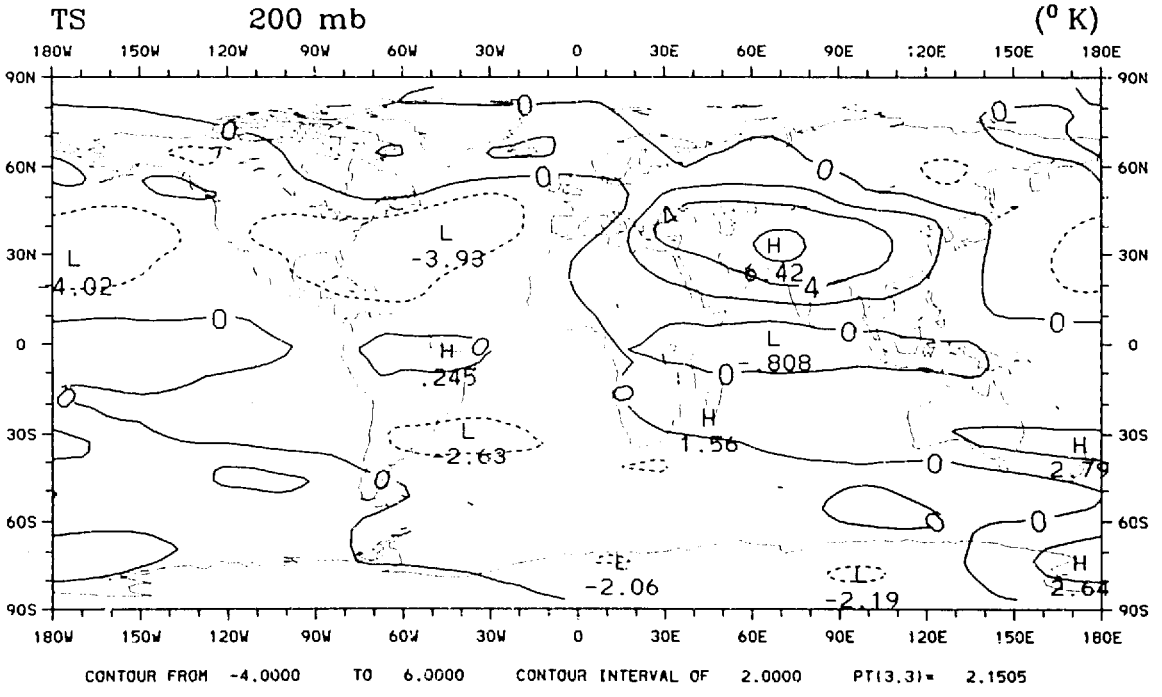

FRAME 2.45

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



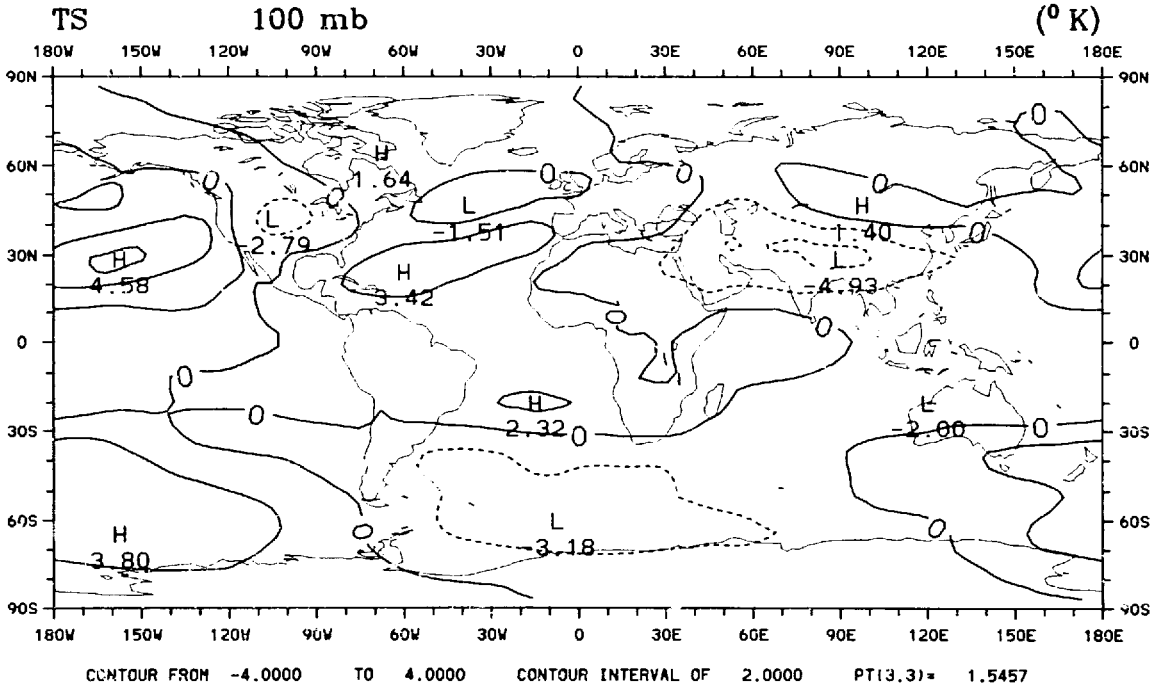

FRAME 2.46

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



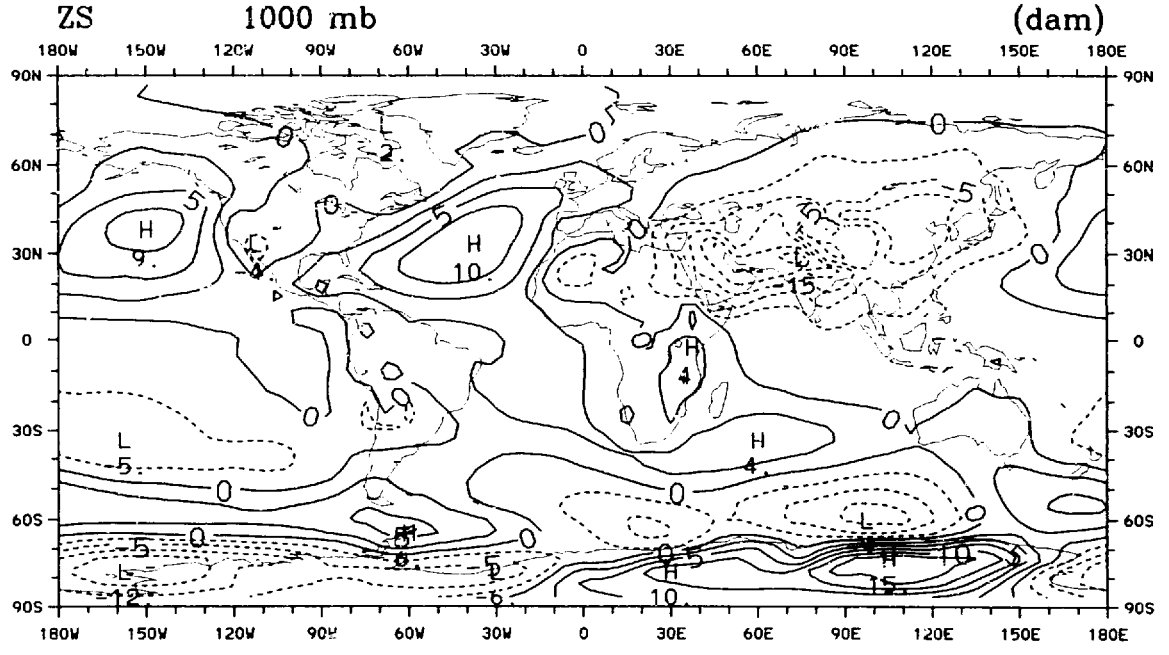

FRAME 2.47

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.48

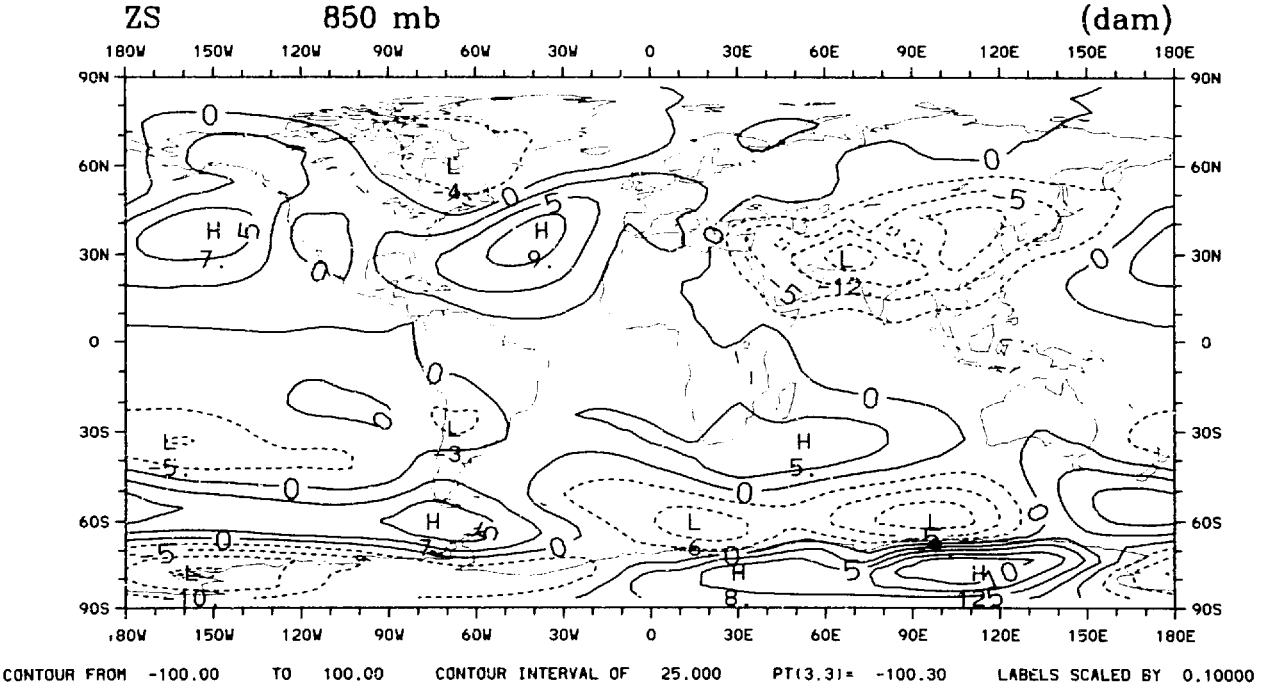
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -125.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -116.80 LABELS SCALED BY 0.10000

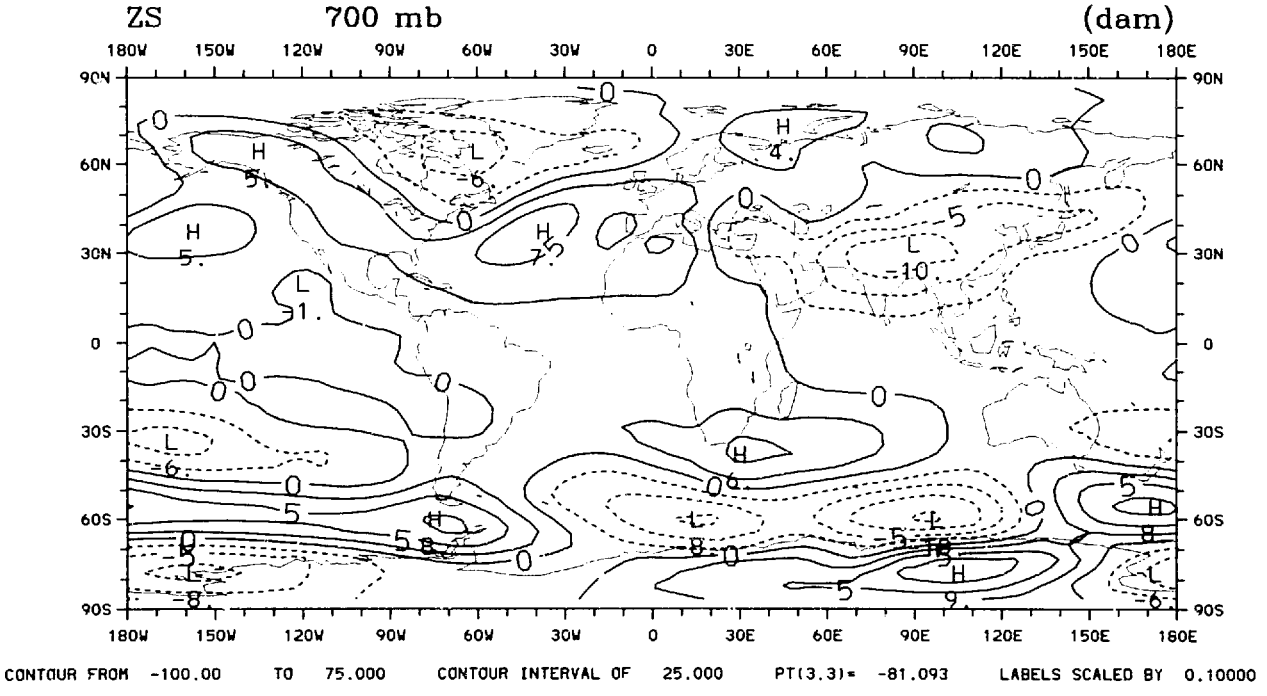
FRAME 2.49

EC R15 JULY (ENSEMBLE AVERAGE 1979--1986)



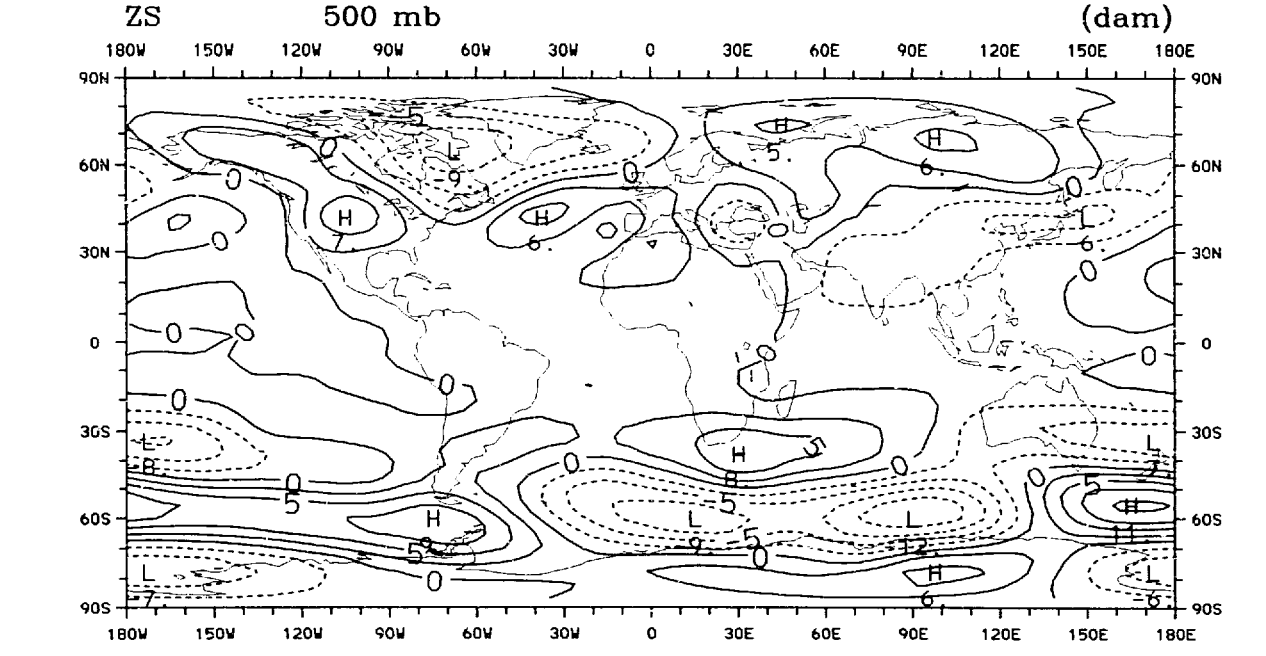

FRAME 2.50

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



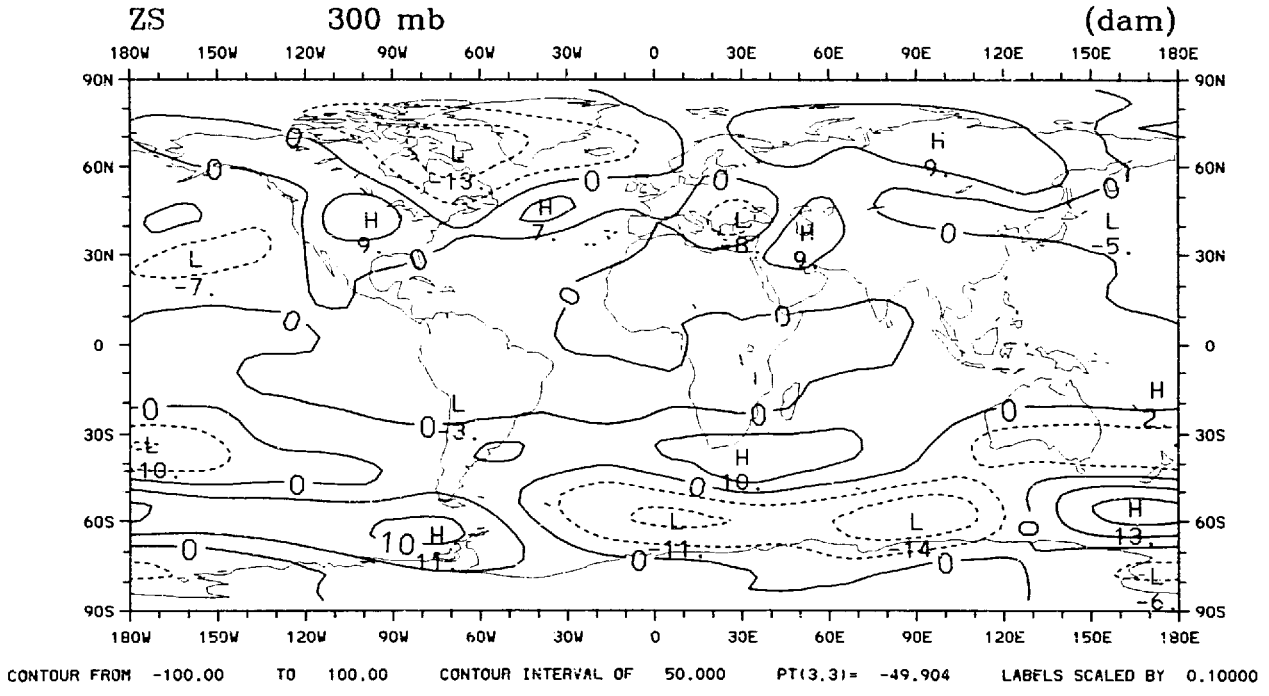

FRAME 2.51

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



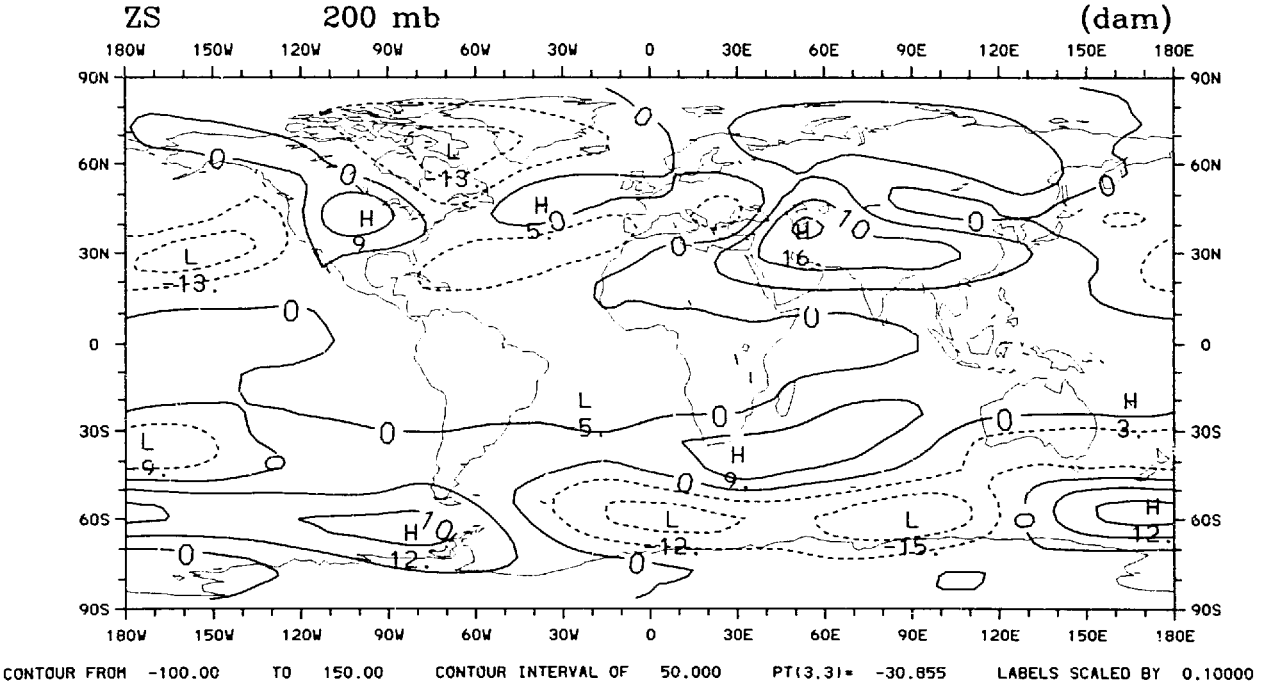

FRAME 2.52

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)



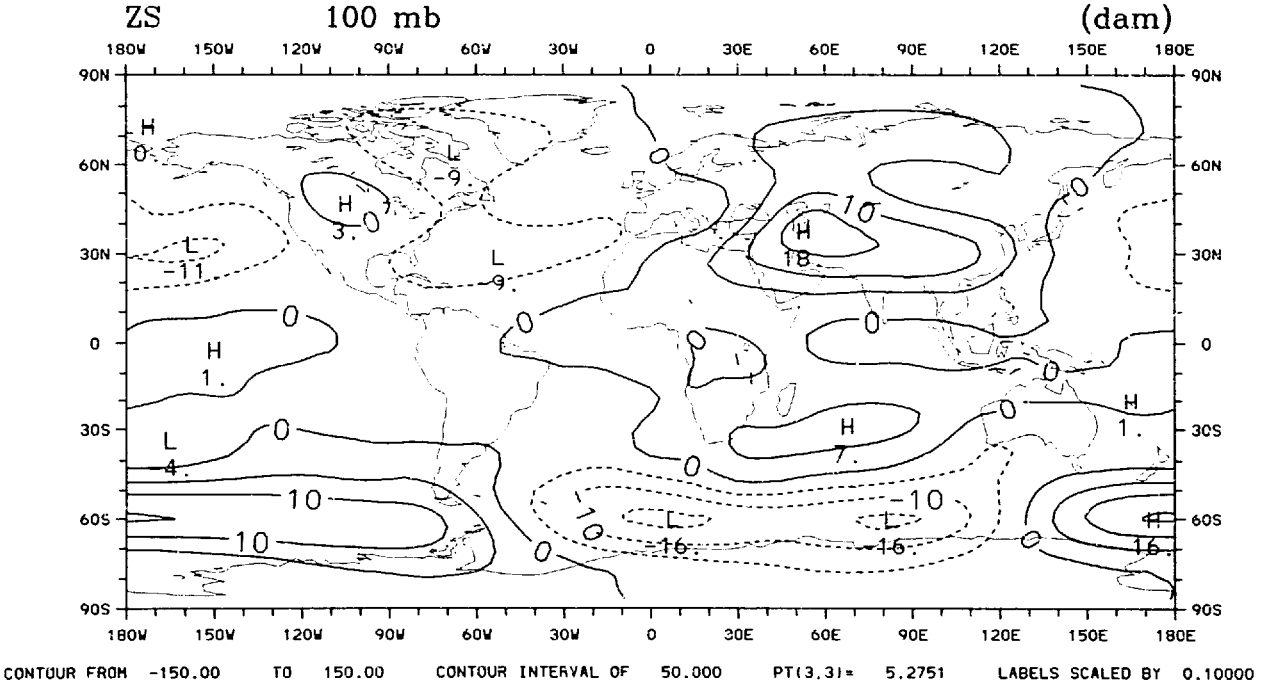

FRAME 2.53

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.54

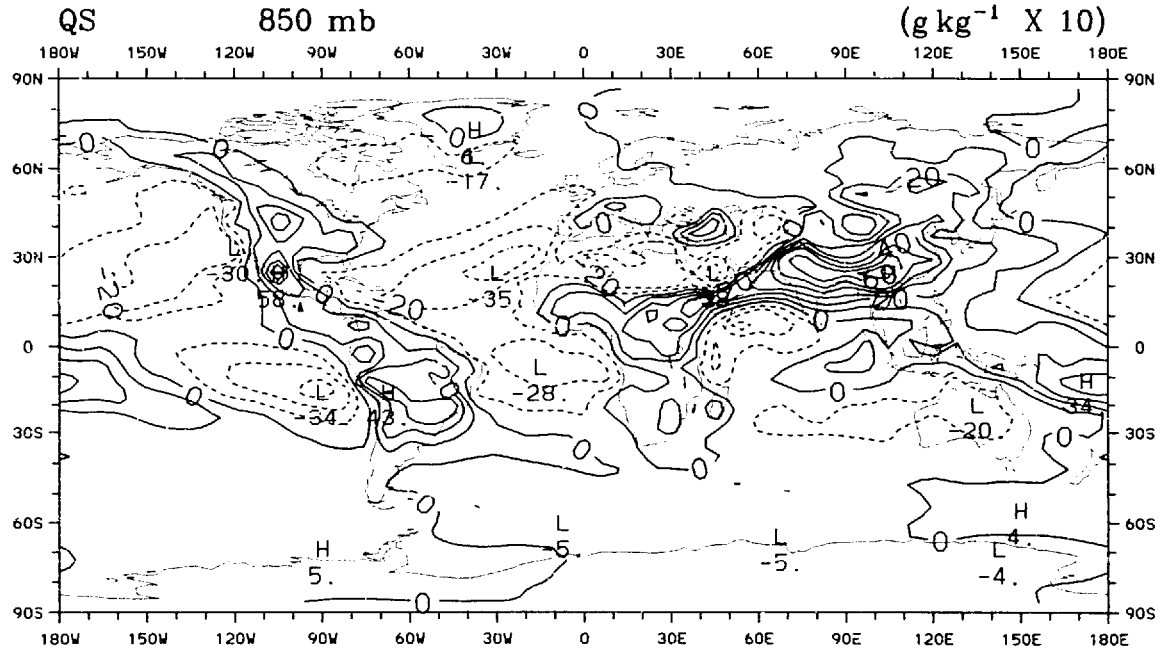
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -150.00 TO 150.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 5.2751 LABELS SCALED BY 0.10000

FRAME 2.55

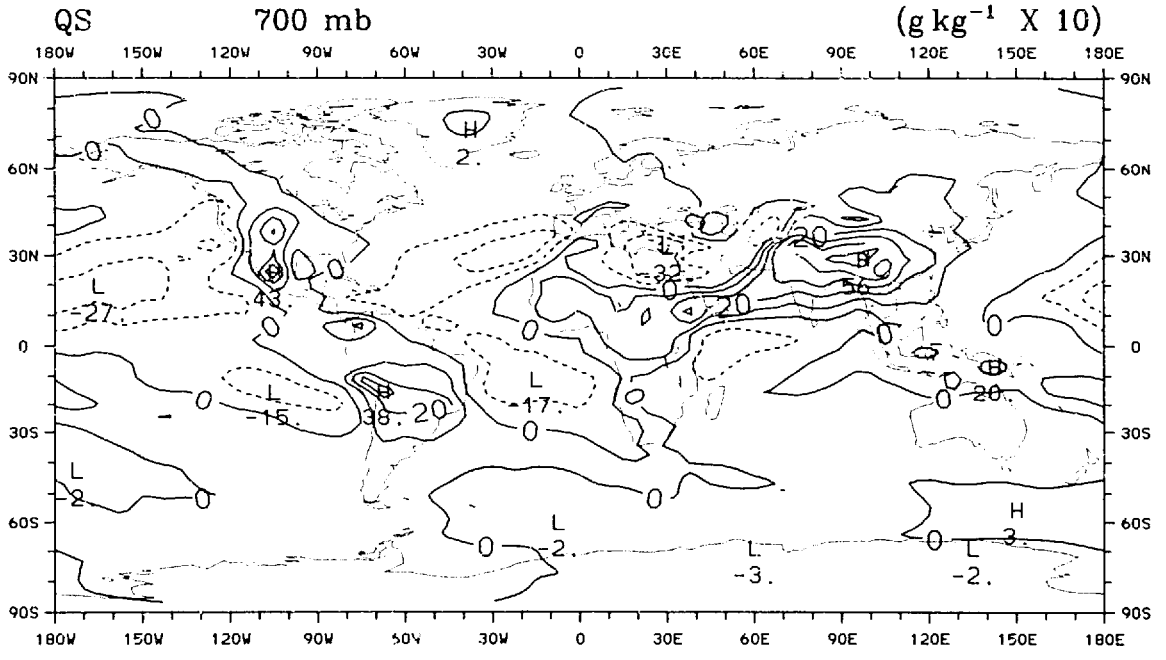
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.30000E-02 TO 0.70000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.99194E-04 LABELS SCALED BY 10000.

FRAME 2.56

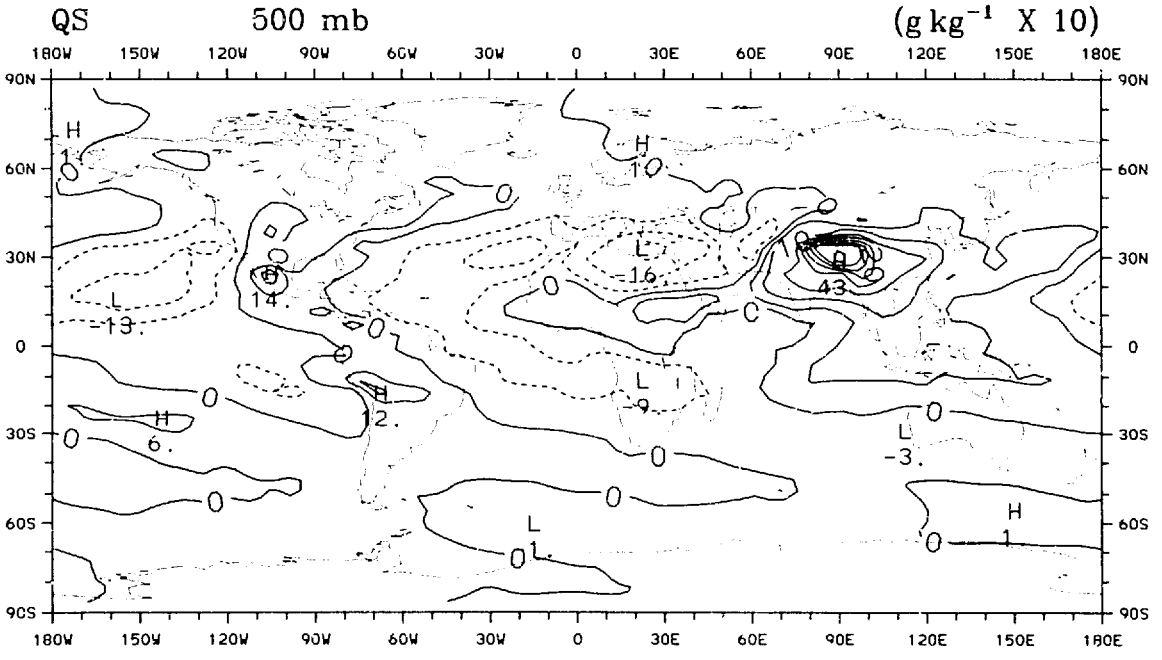
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.30000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.44479E-04 LABELS SCALED BY 10000.

FRAME 2.57

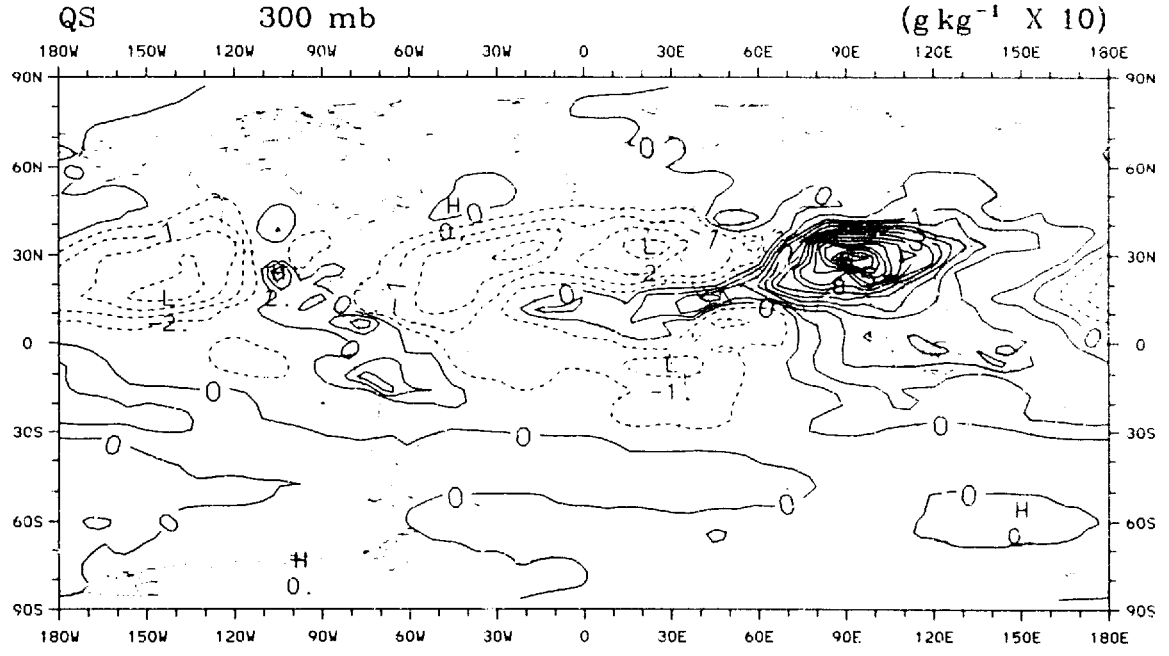
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.15000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3.3)= 0.13203E-05 LABELS SCALED BY 10000.

FRAME 2.58

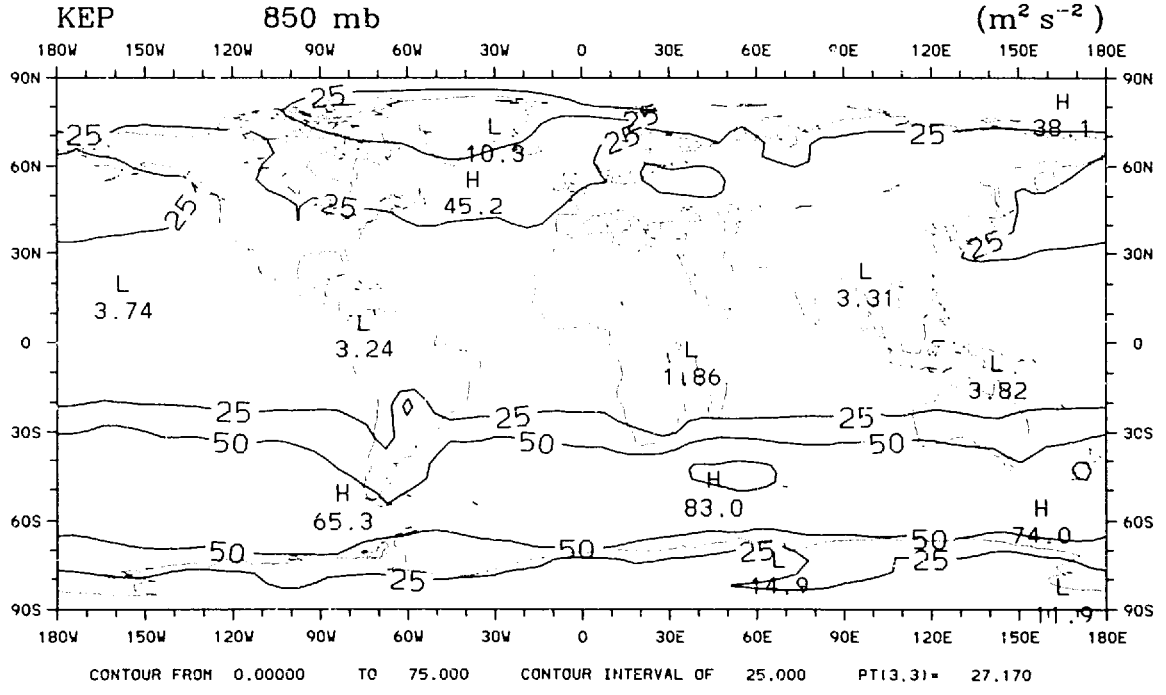
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-03 TO 0.75000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.10873E-05 LABELS SCALED BY 10000.

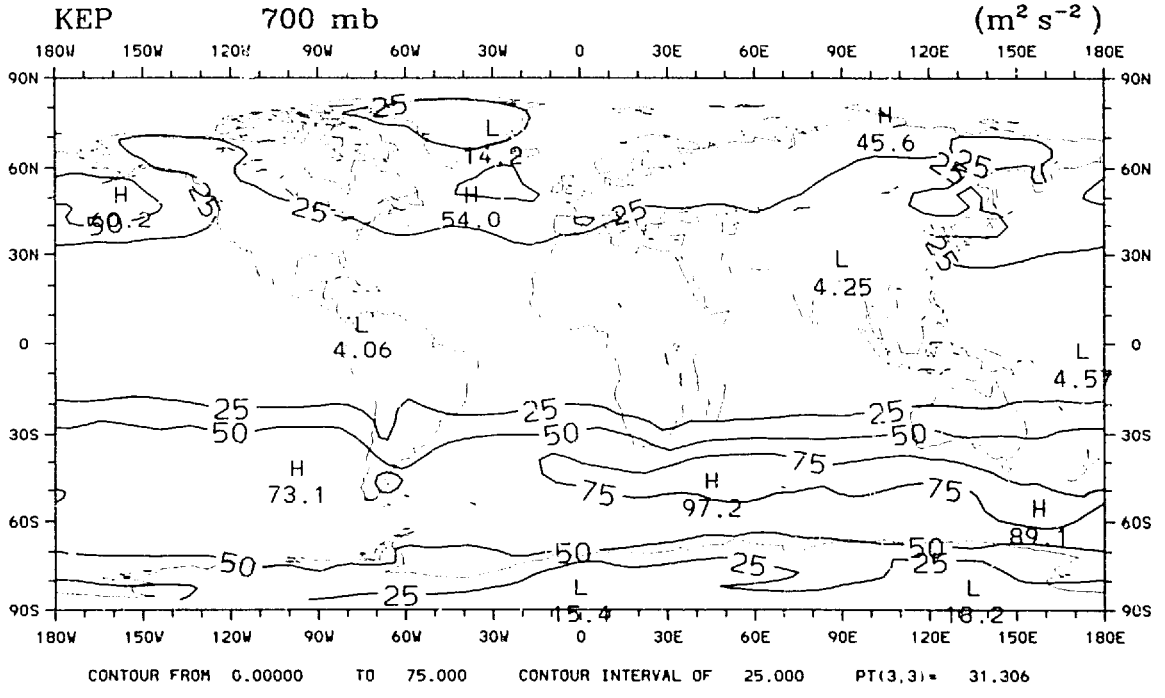
FRAME 2.59

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.60

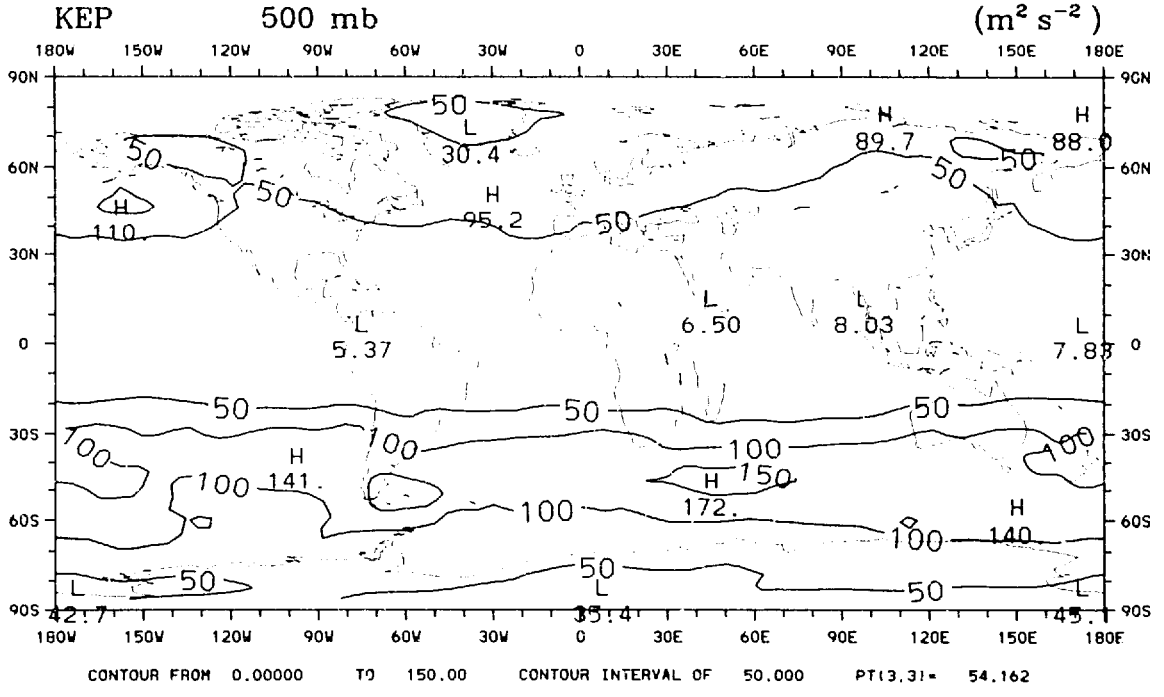
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 75.000 CONTOUR INTERVAL OF 25.000 PT(3,3)= 31.306

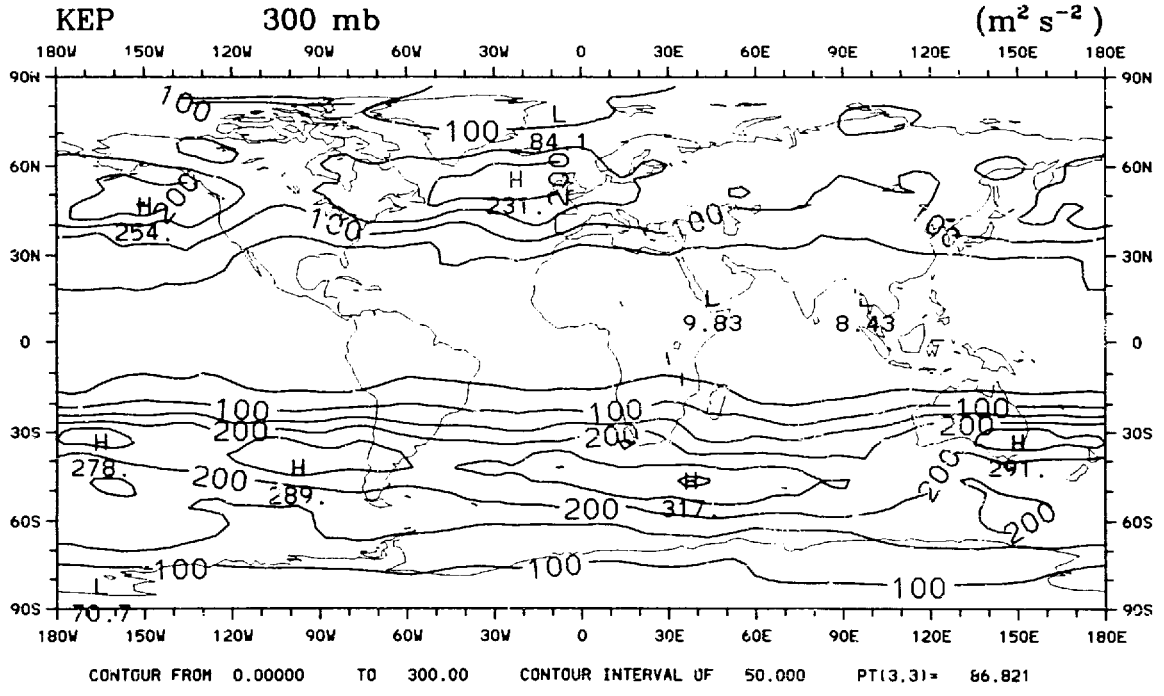
FRAME 2.61

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.62

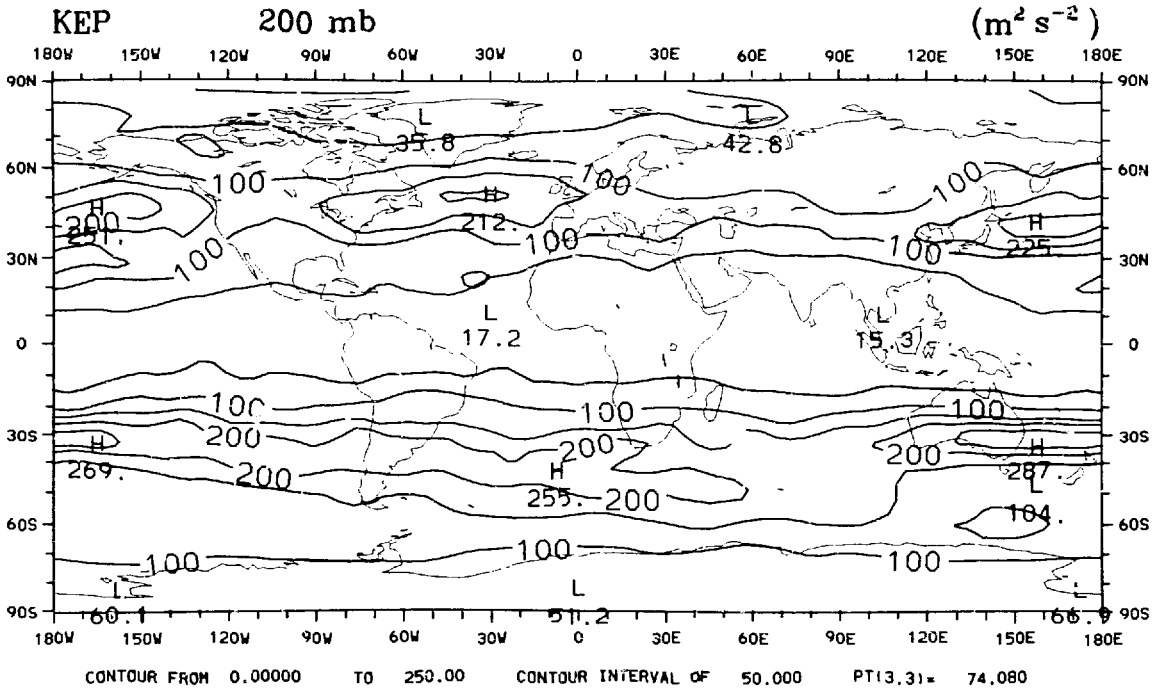
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 300.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 86.821

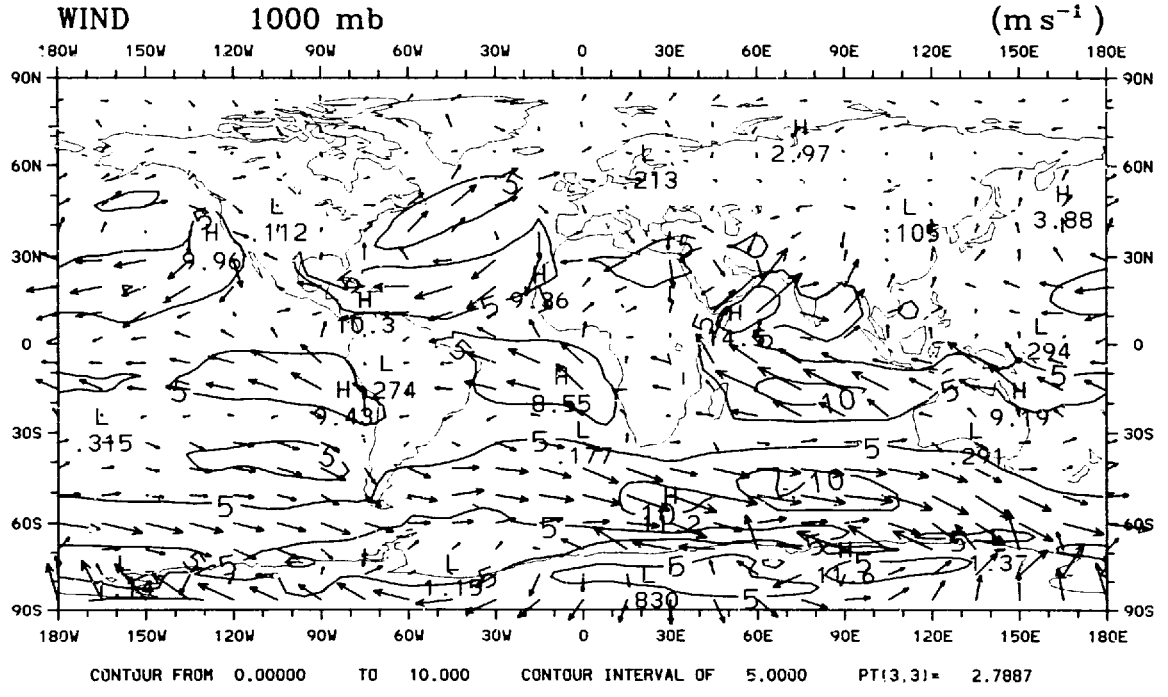
FRAME 2.63

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

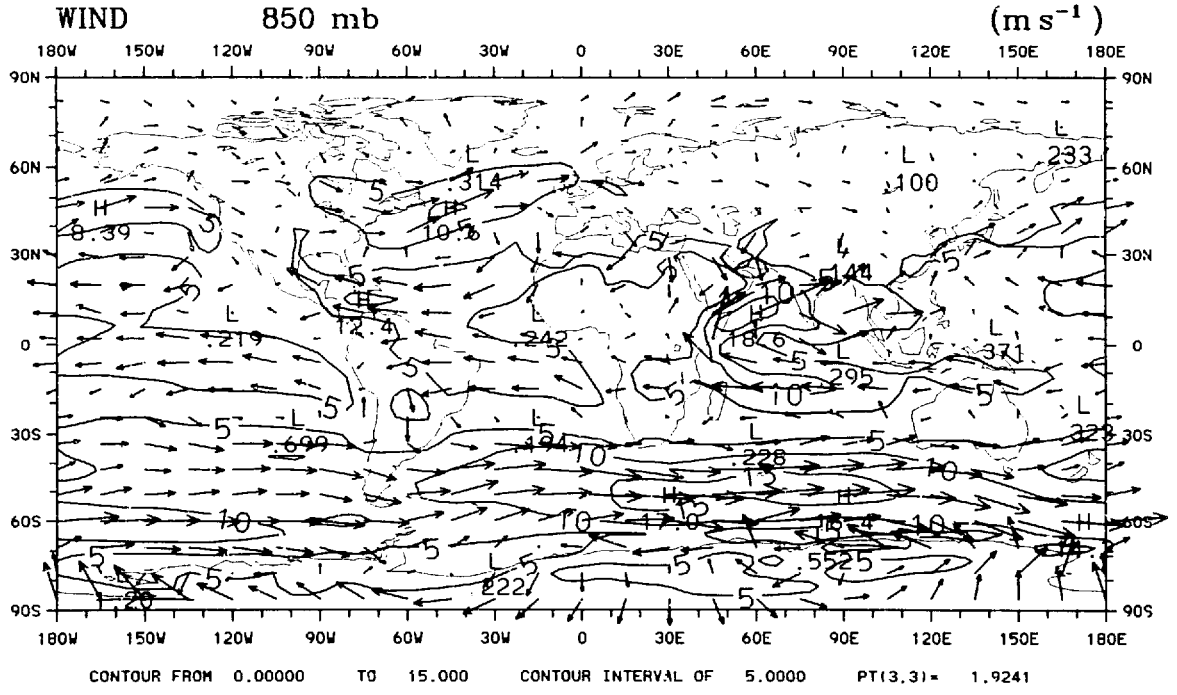
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

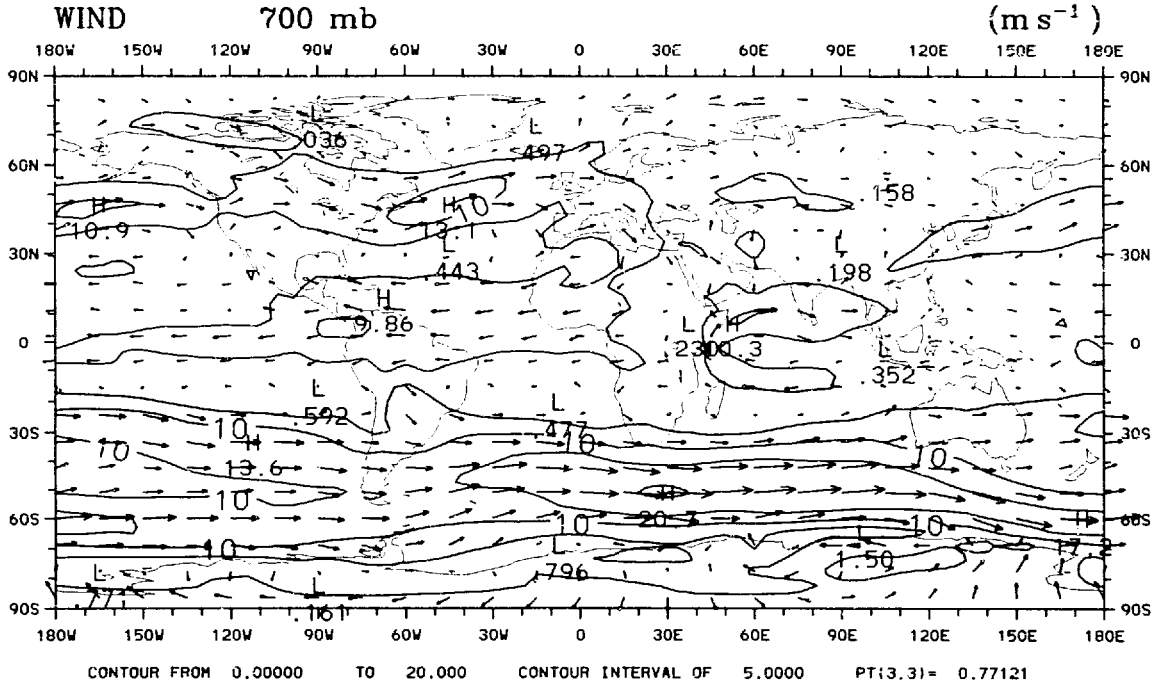
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.100E+02 ⟶
SCALING VECTOR

FRAME 2.66

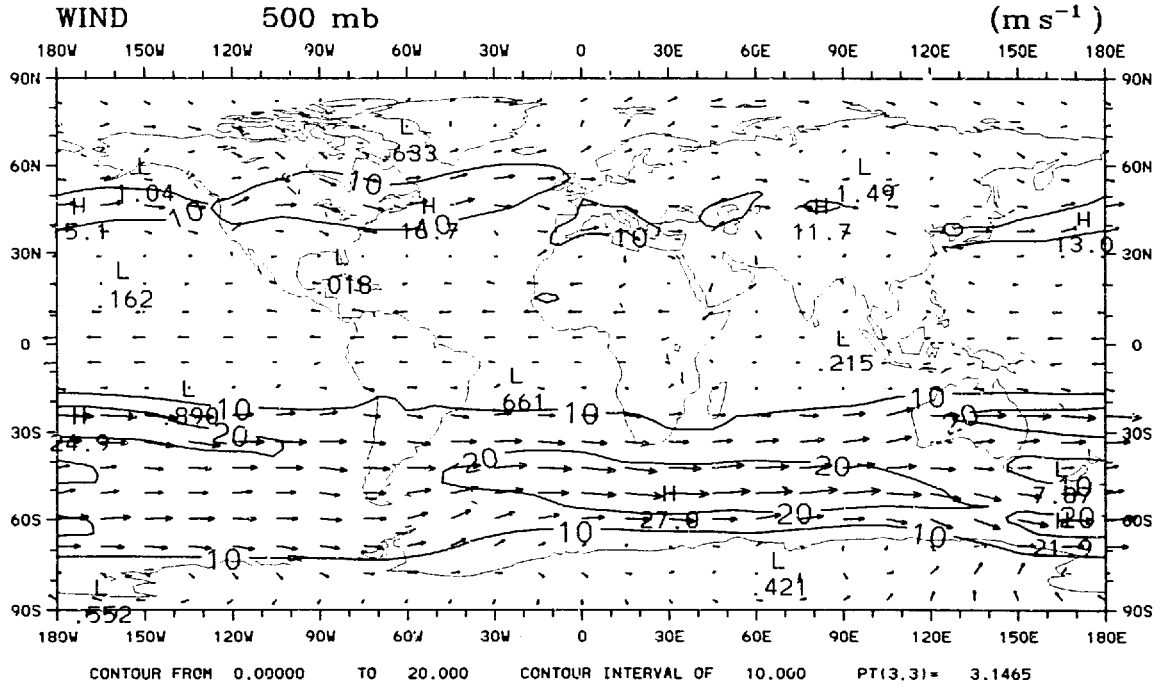
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.67

0.200E+02 ⟶
SCALING VECTOR

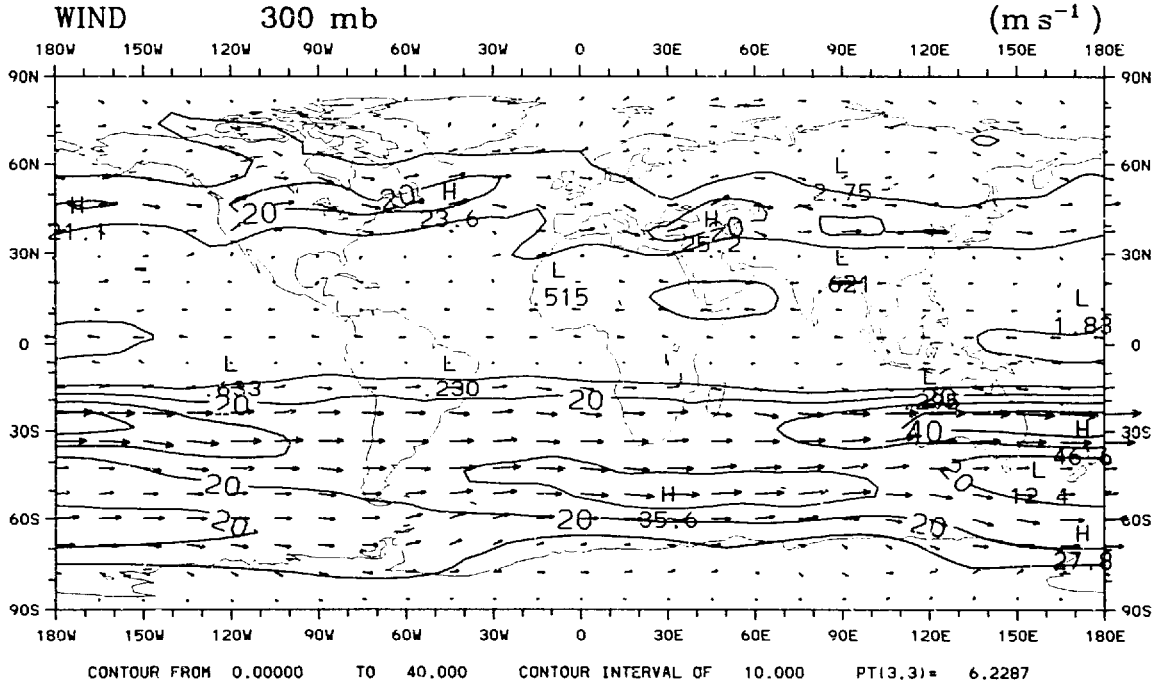
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




0.300E+02 ⟶
SCALING VECTOR

FRAME 2.68

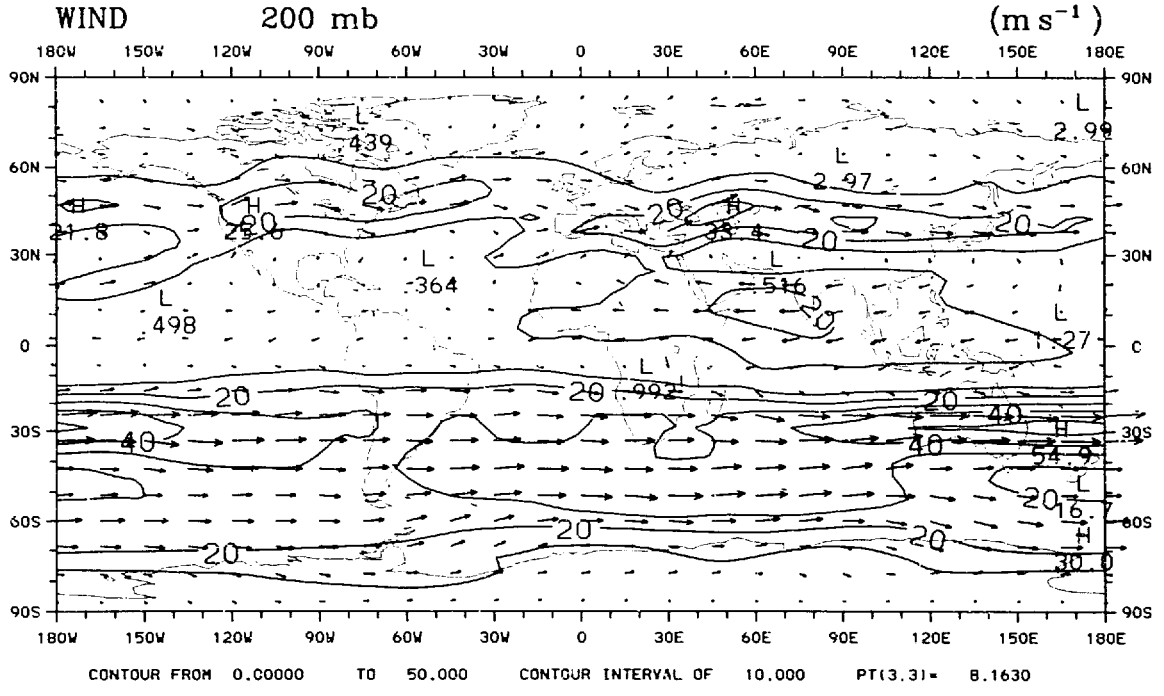
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.69

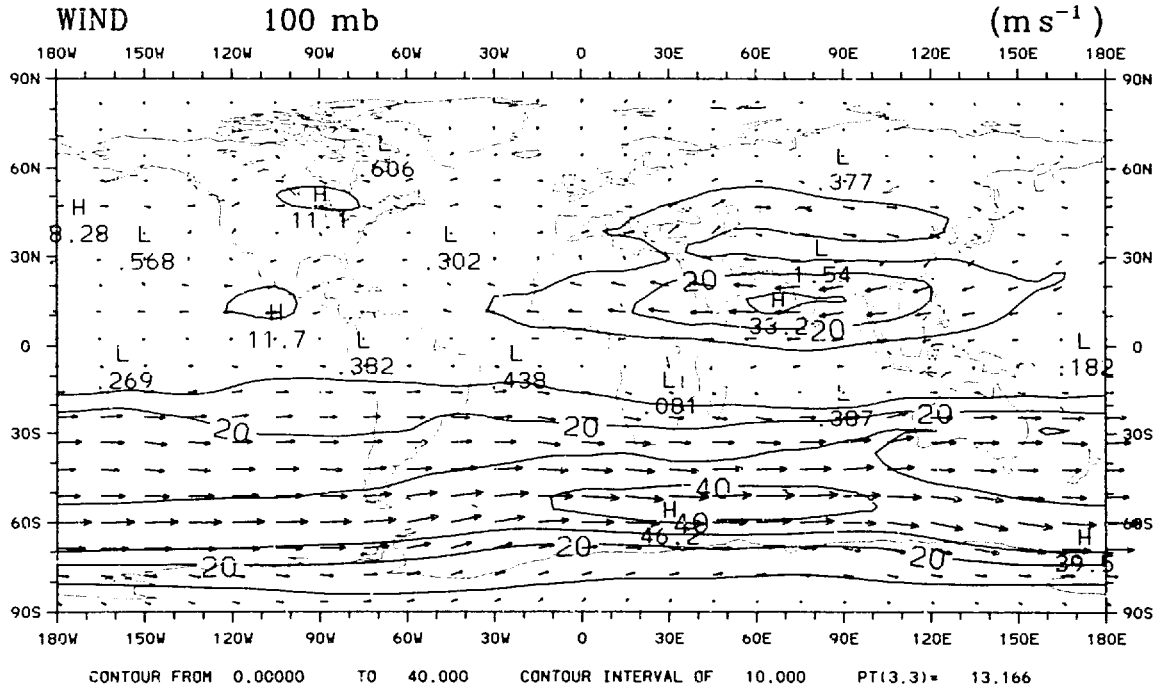
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.70

0.500E+02 →
SCALING VECTOR

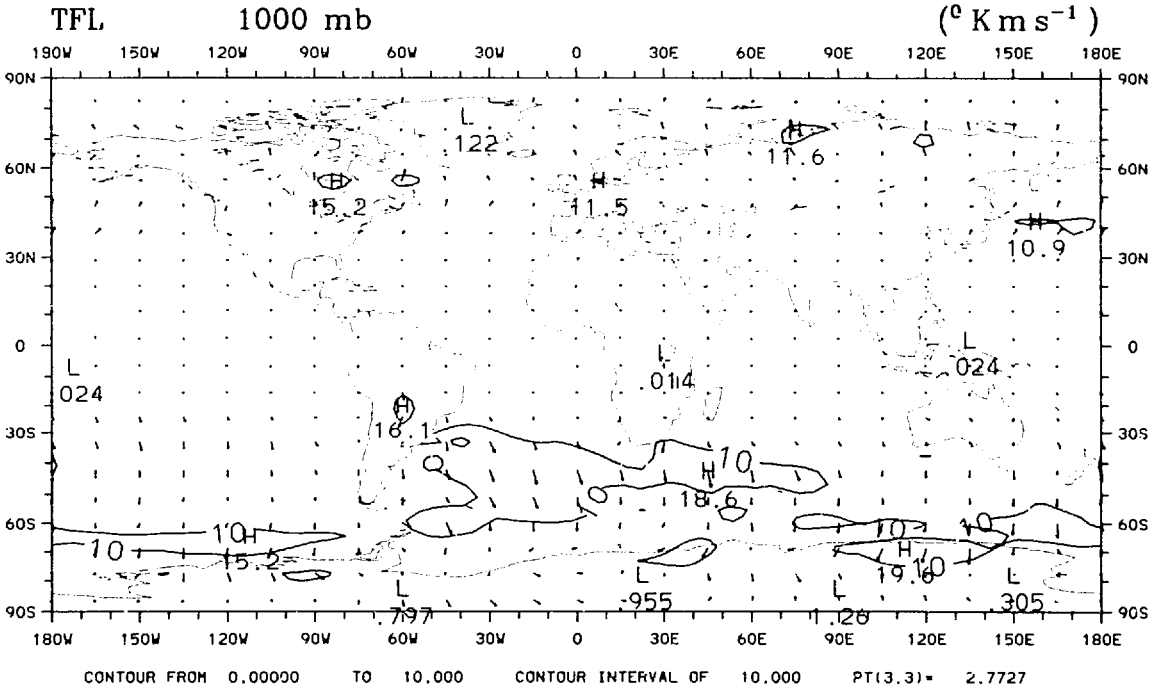
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.71

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

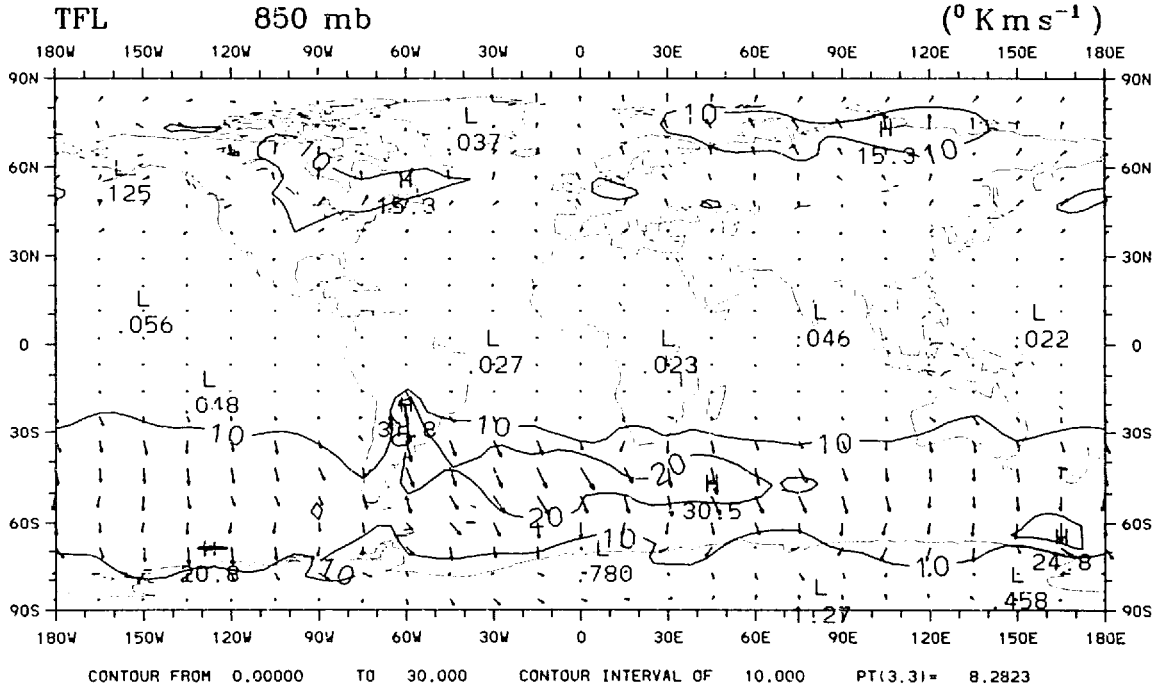



CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3.3)= 2.7727

0.500E+02 →
SCALING VECTOR

FRAME 2.72

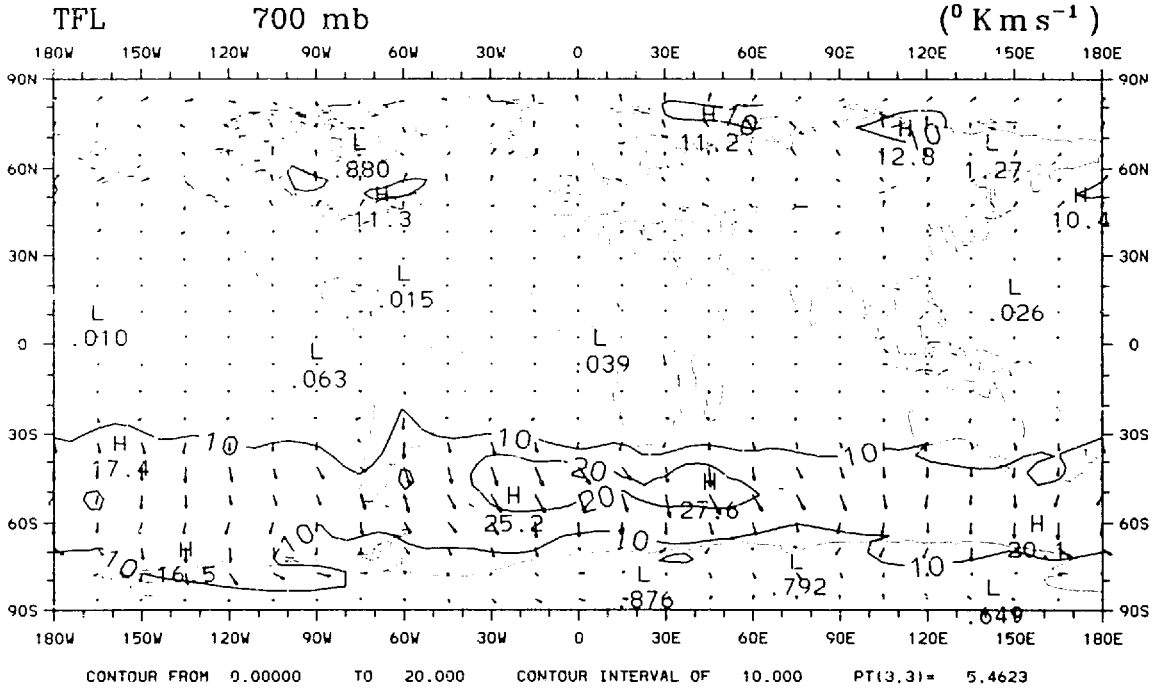
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

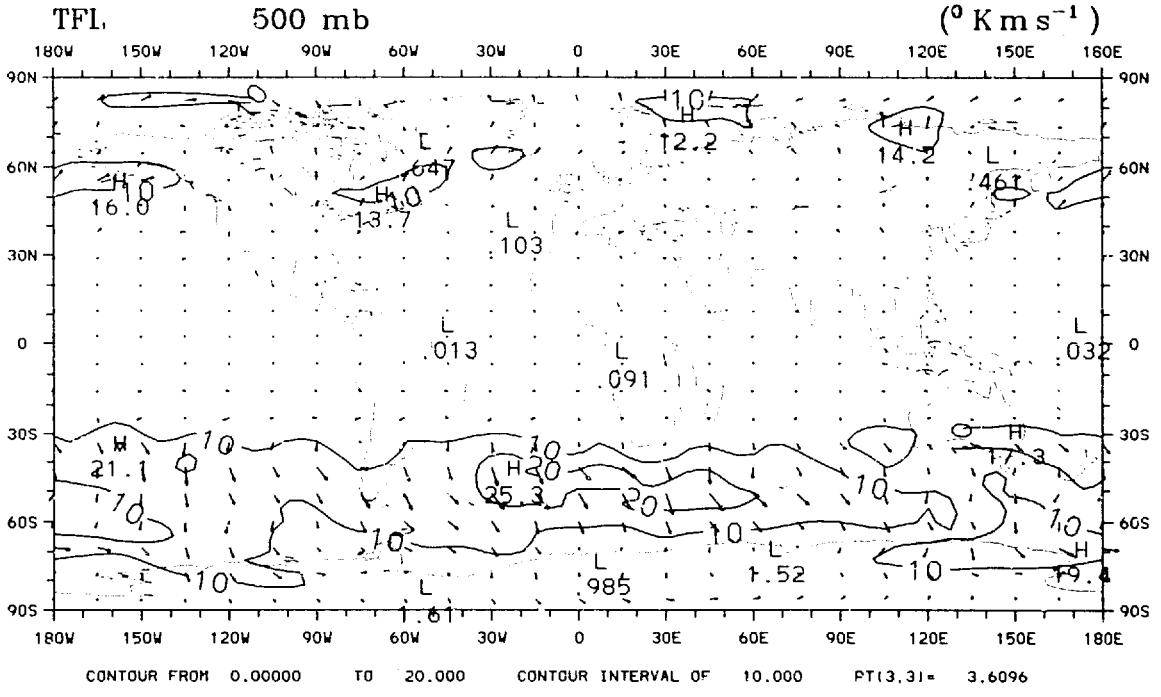
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.74

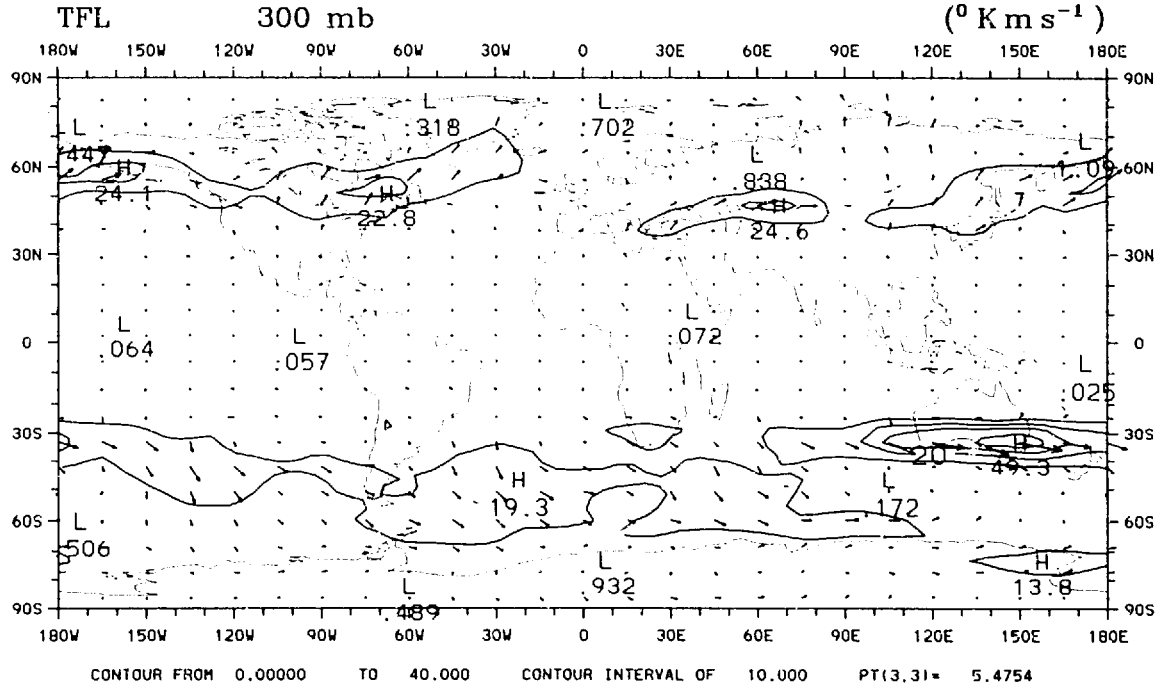
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

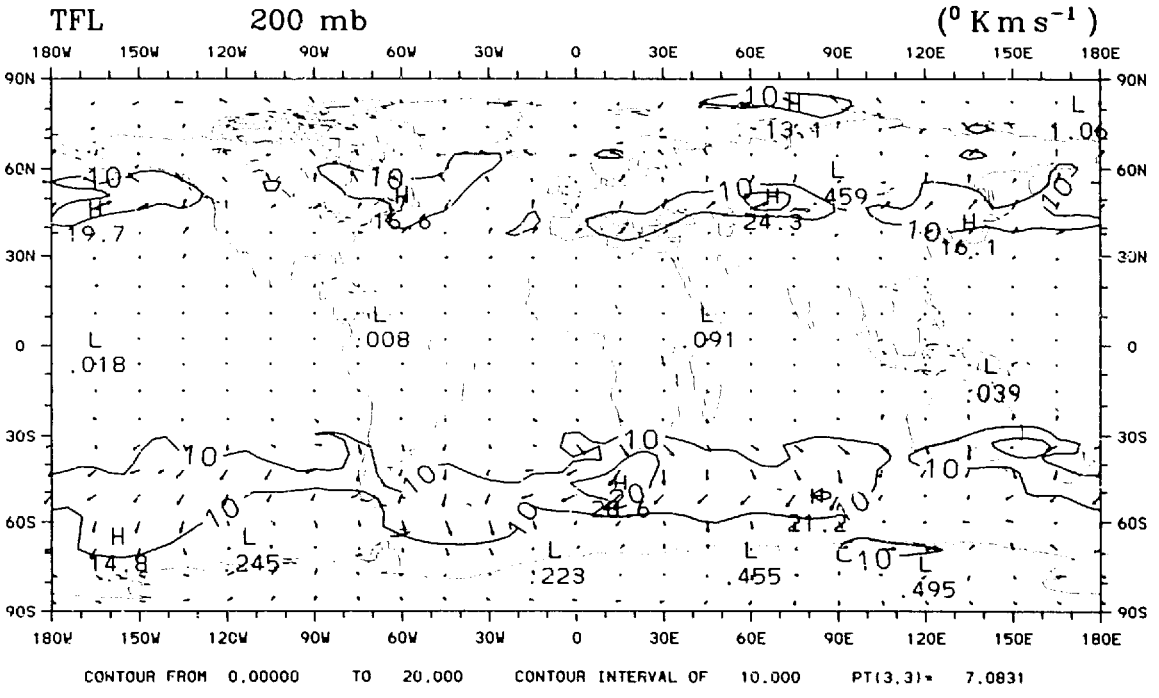
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

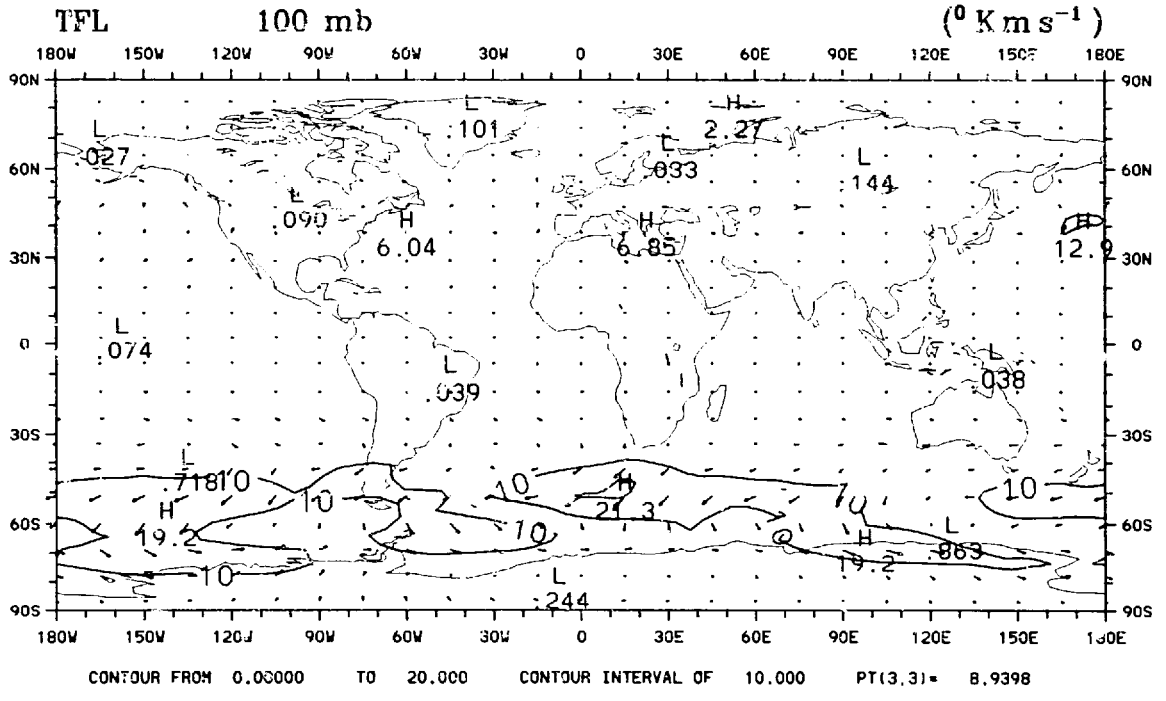
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

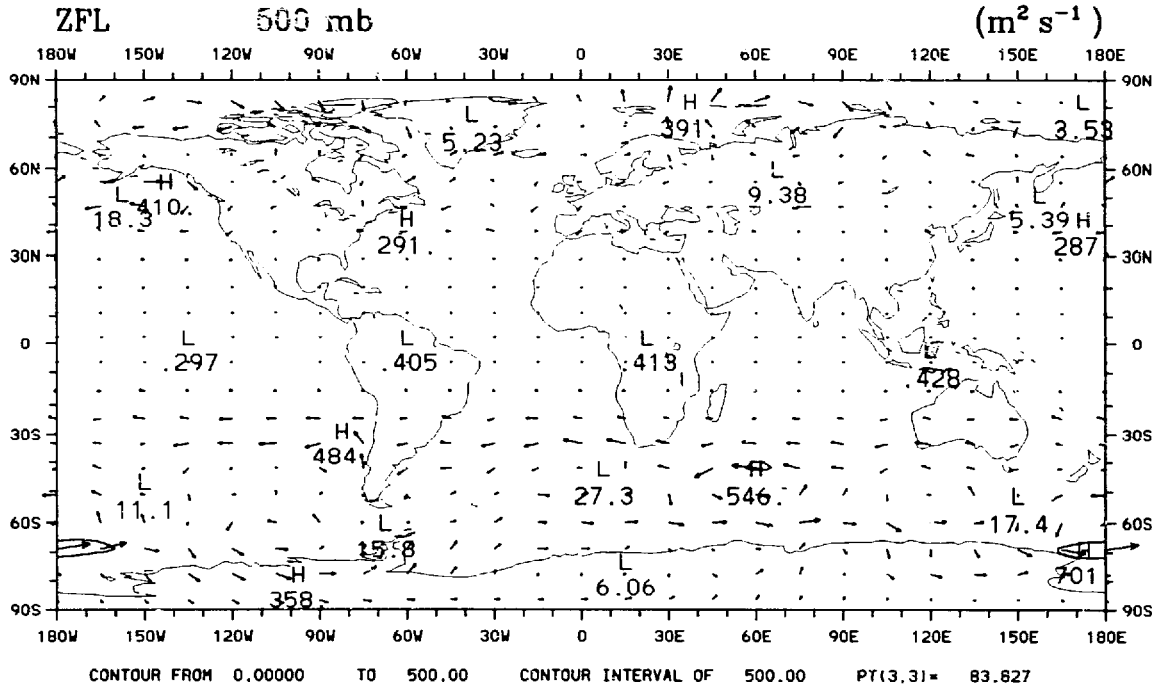
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

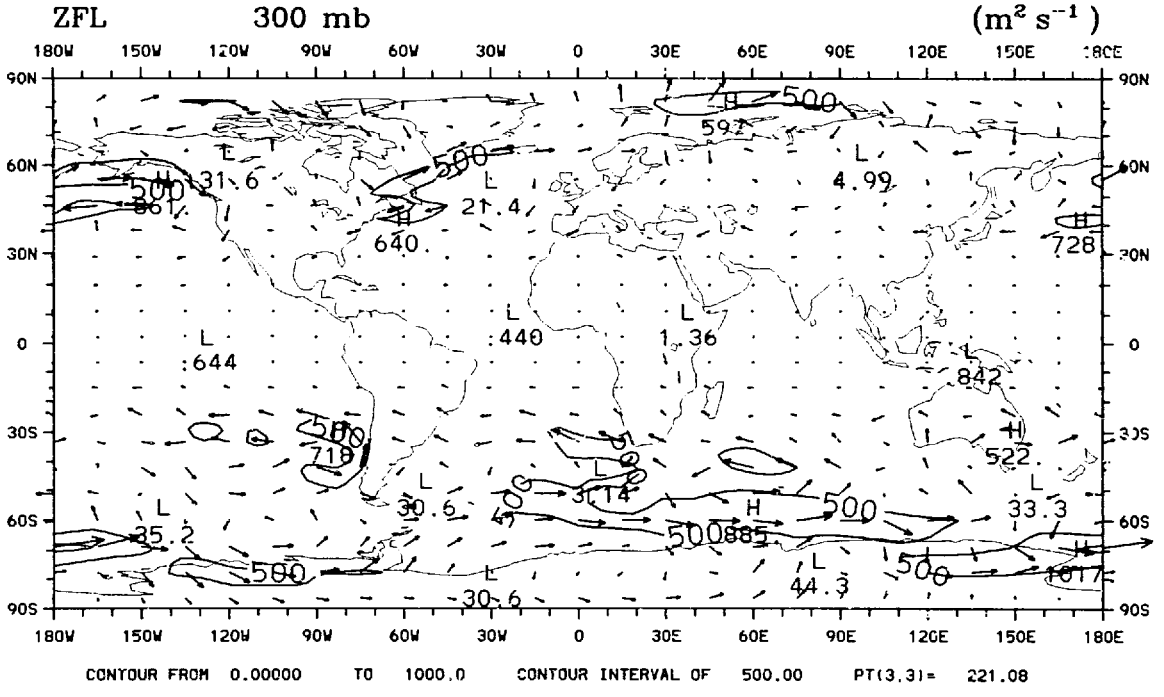
EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.79

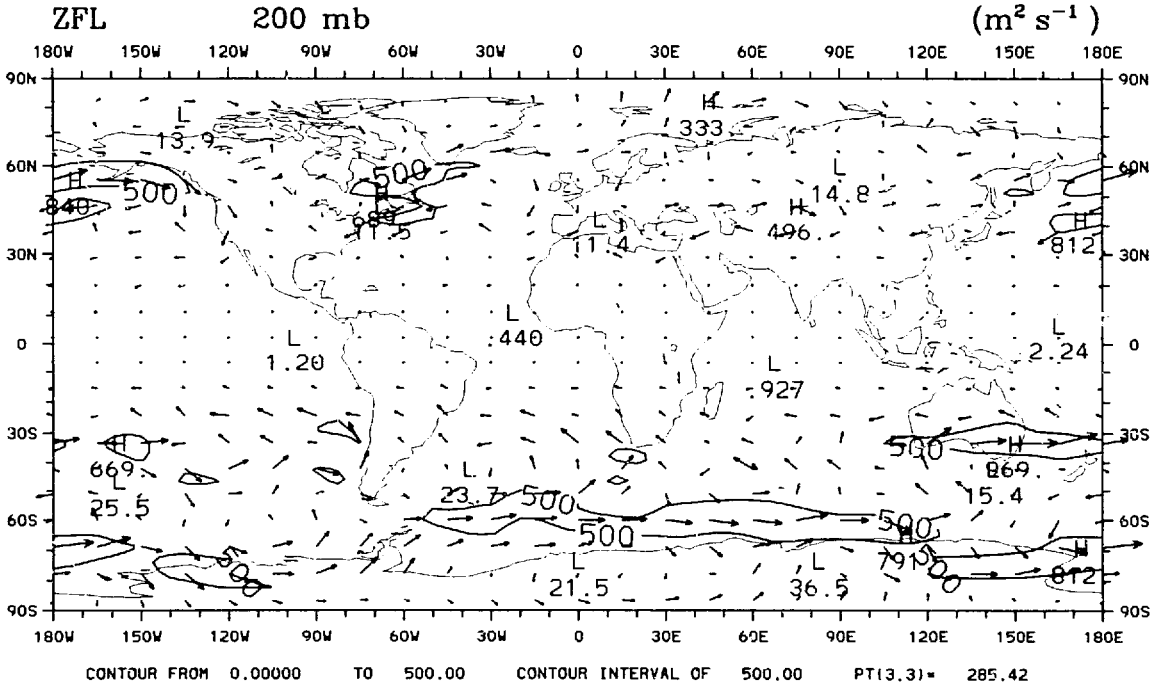
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.80

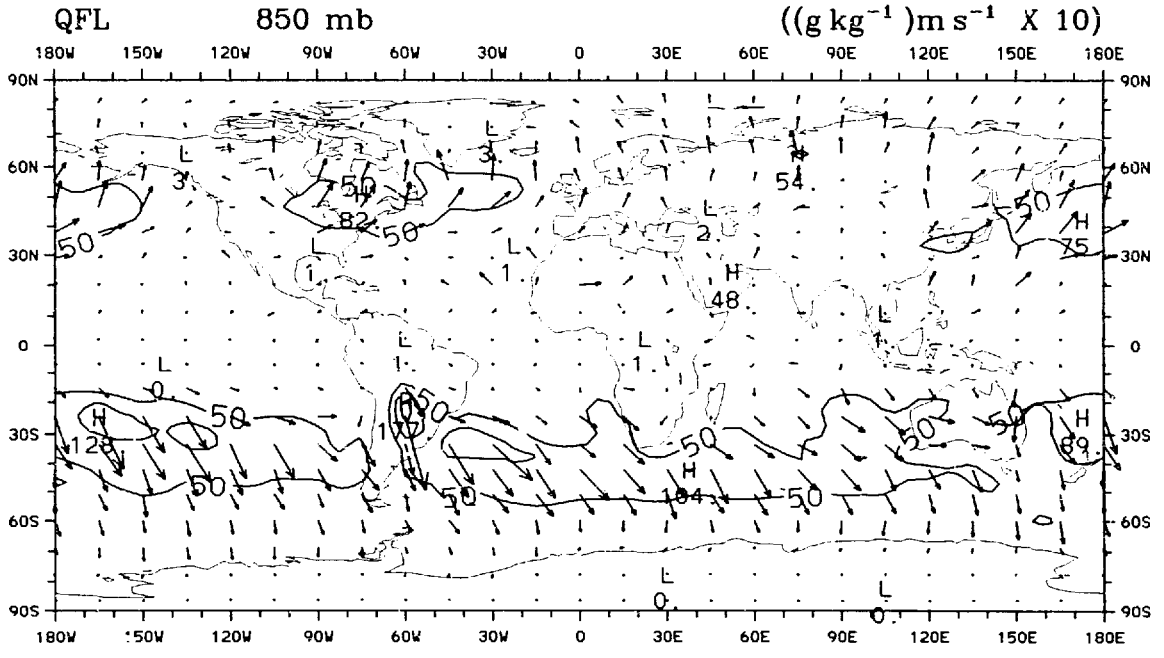
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.81

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

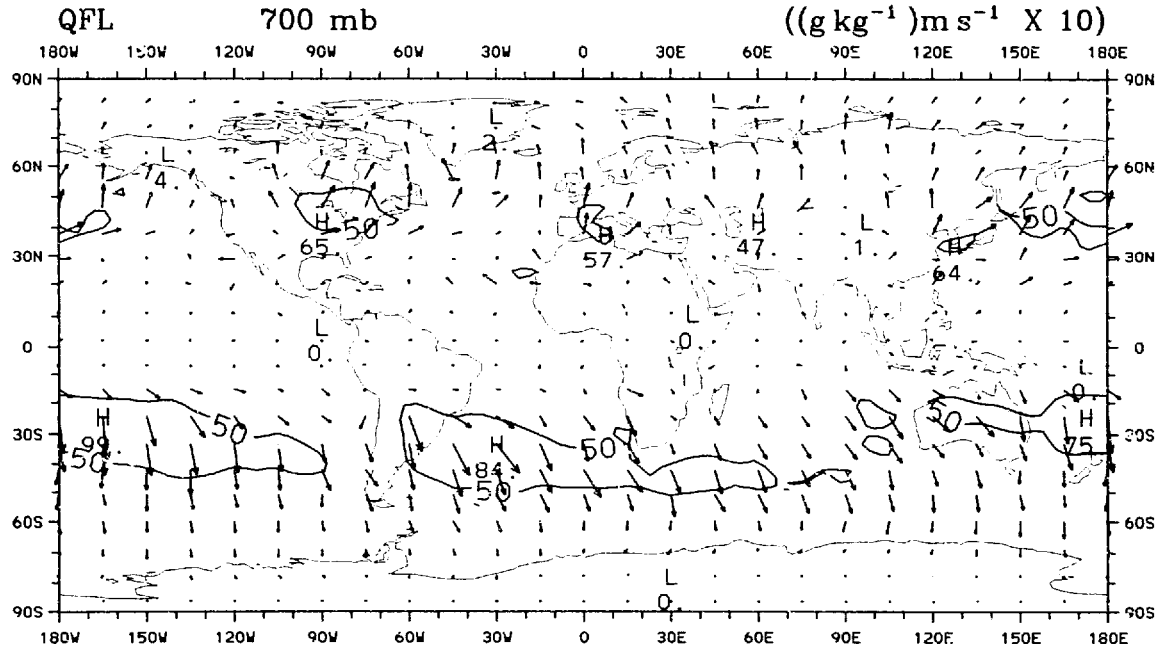



CONTOUR FROM 0.00000 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.58134E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.82

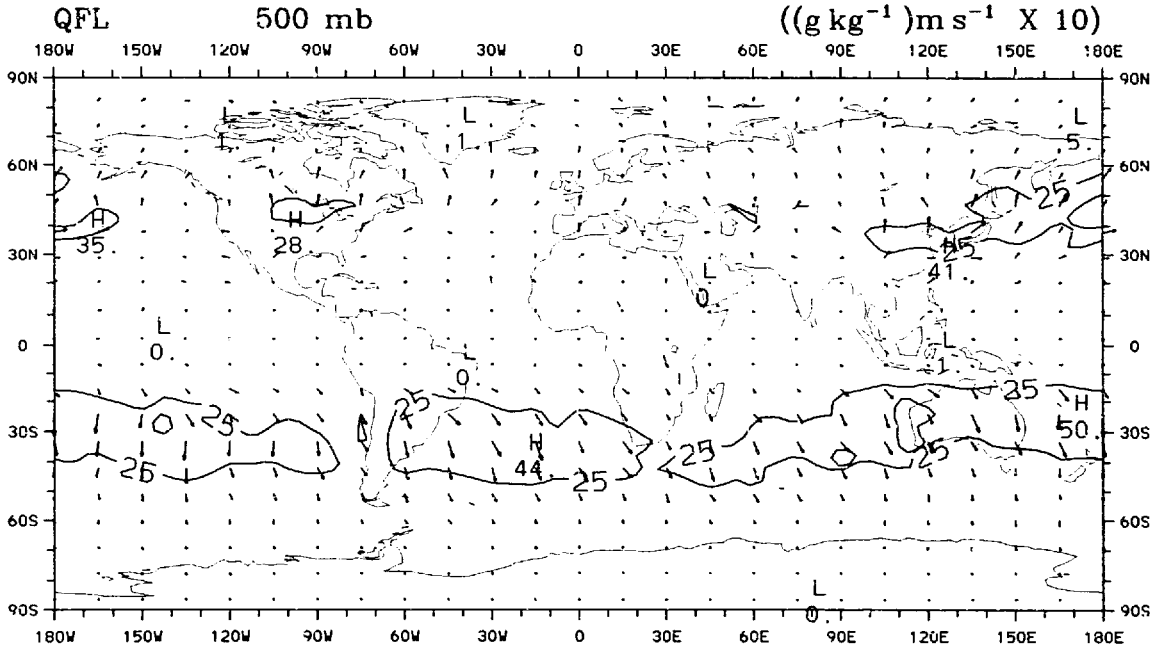
EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)




0.100E-01 →
SCALING VECTOR

FRAME 2.83

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.19211E-03 LABELS SCALED BY 10000.

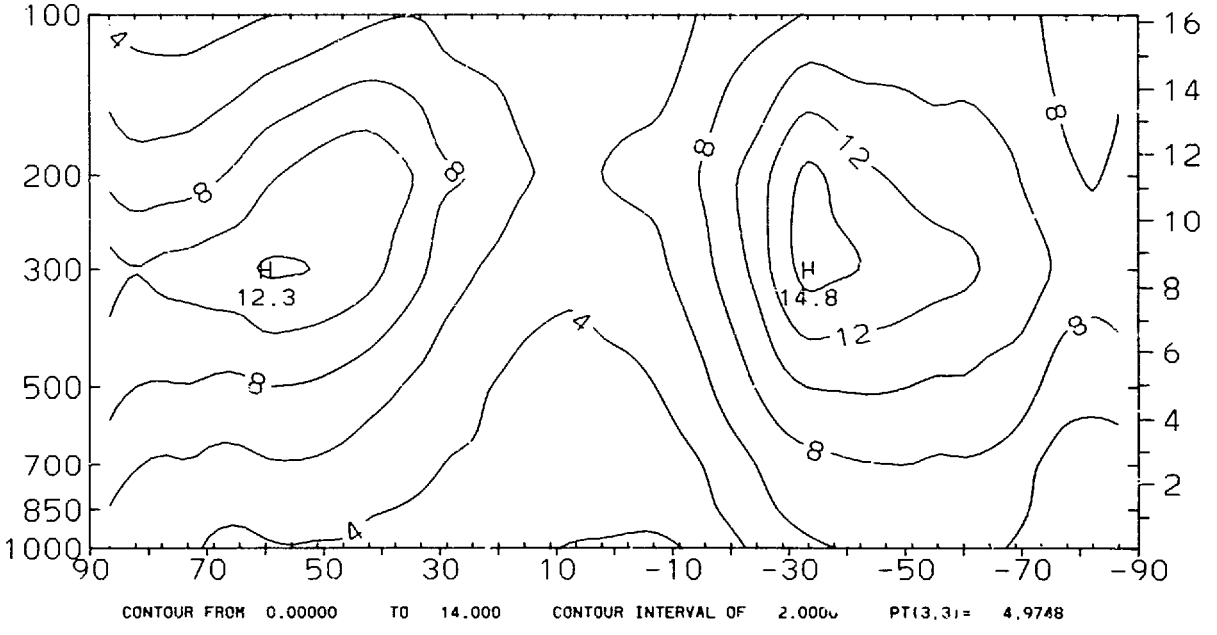
0.100E-01 ⟶
SCALING VECTOR

FRAME 2.84

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

SDU

($m\,s^{-1}$)

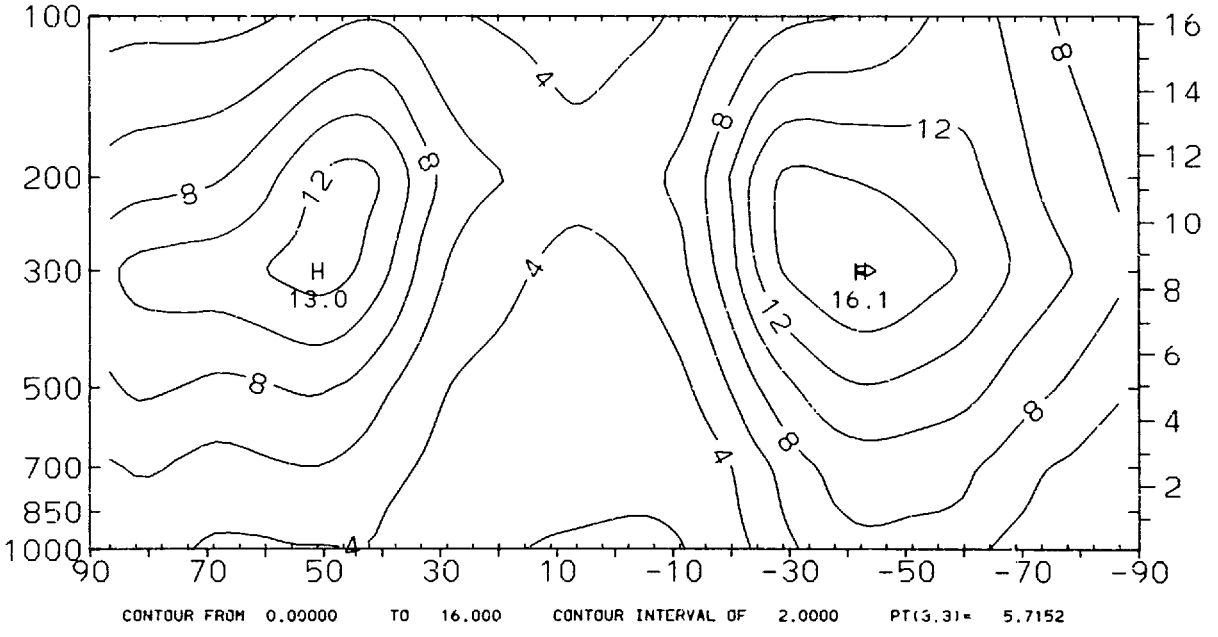



CONTOUR FROM 0.00000 TO 14.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 4.9748

FRAME 2.85

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

SDV (m s$^{-1}$)

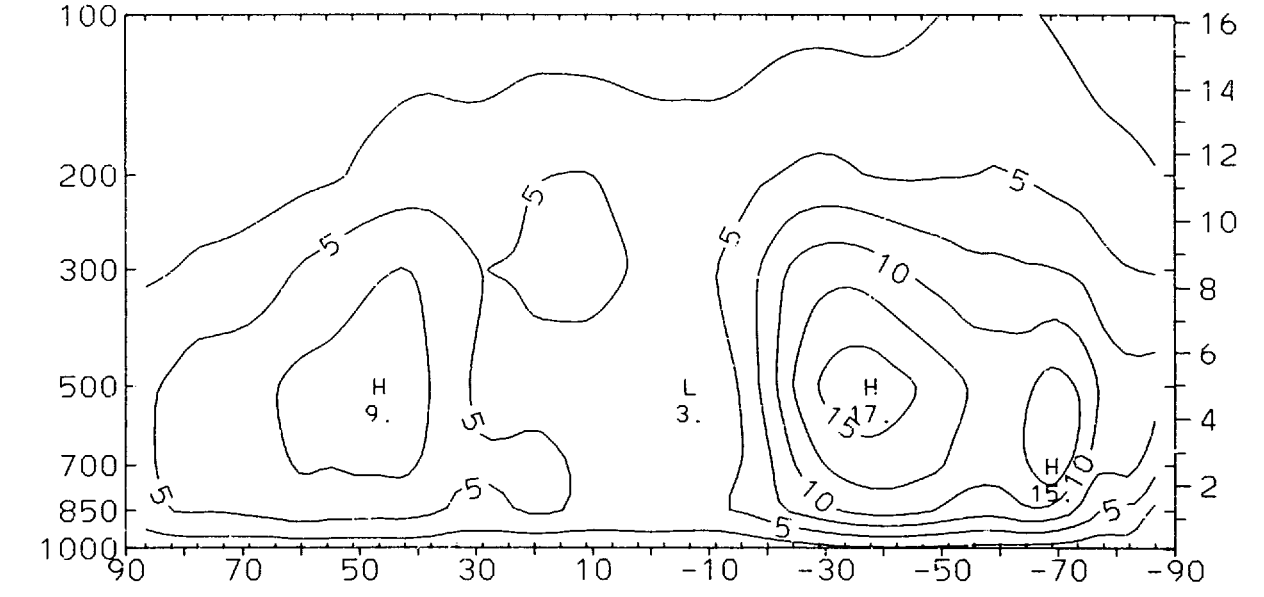



CONTOUR FROM 0.00000 TO 16.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.7152

FRAME 2.86

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

SDW (mb $s^{-1}$ X $10^4$)

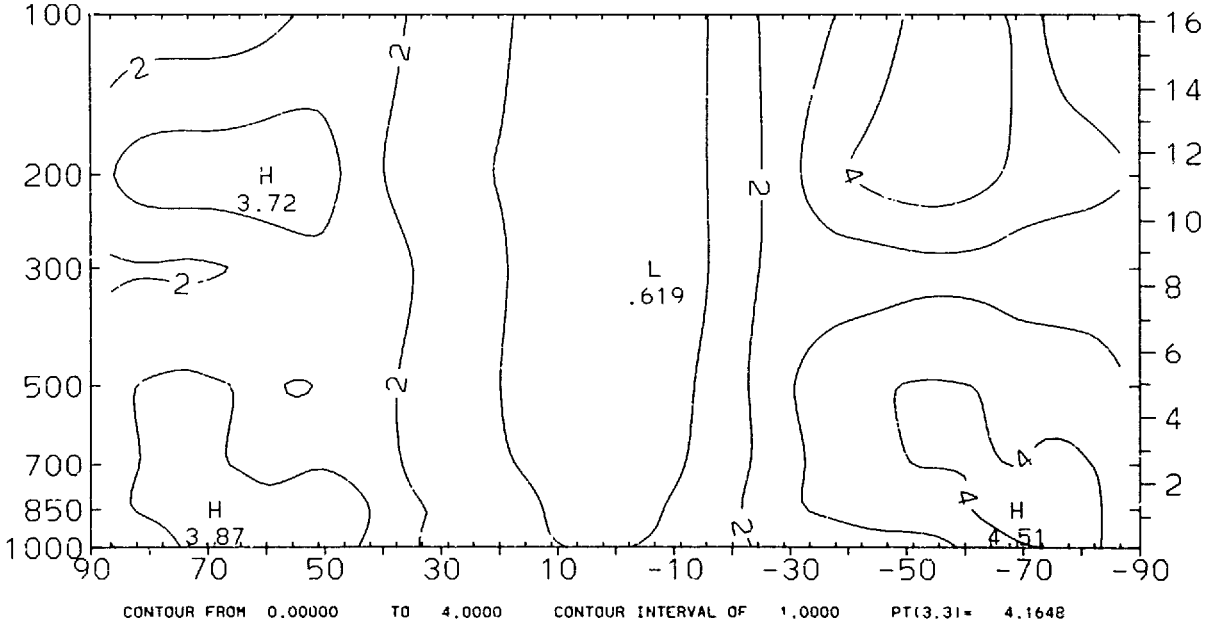



CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.78472E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

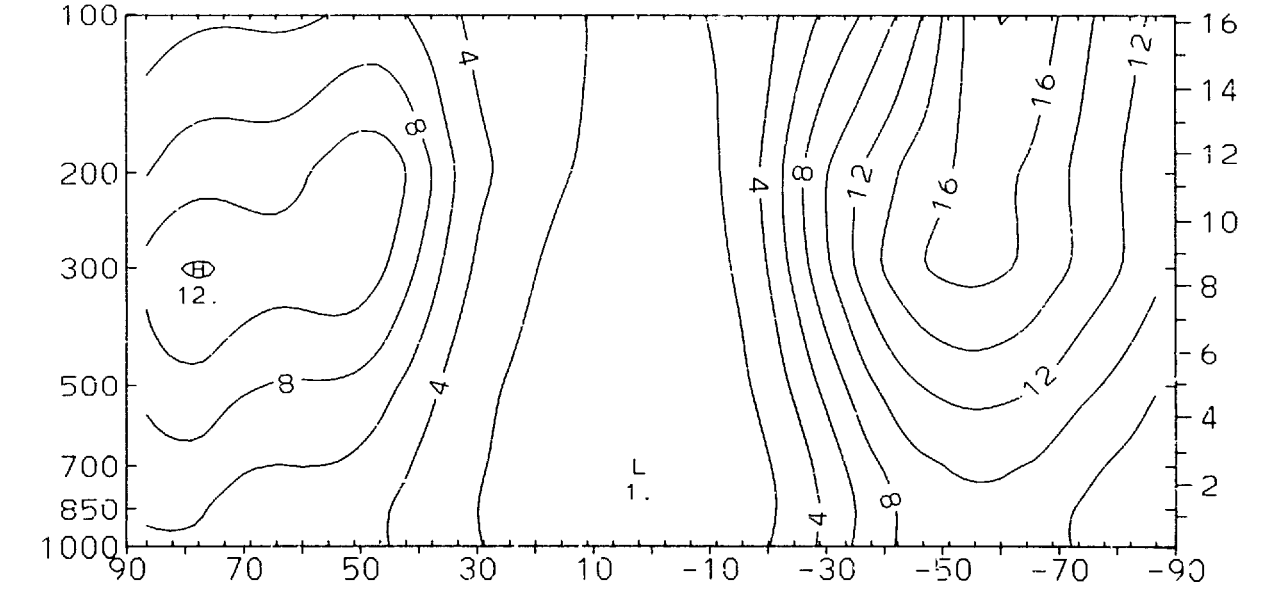
SDT (° K)




FRAME 2.88

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

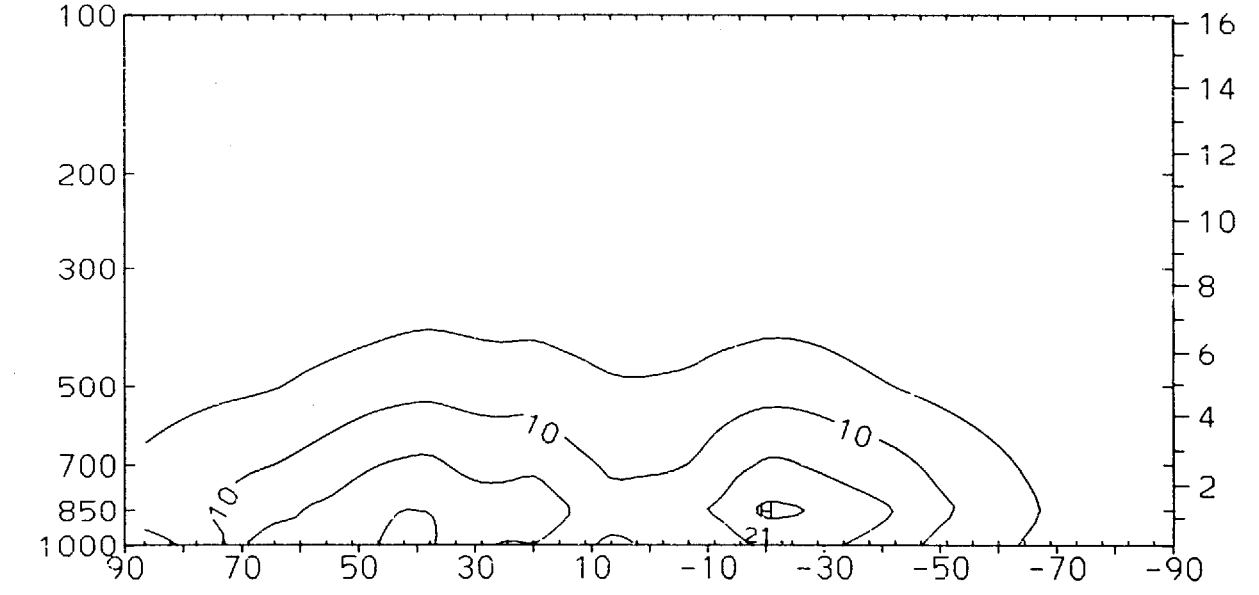



CONTOUR FROM 0.00000 TO 180.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 80.019 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

SDQ (g kg$^{-1}$ X 10)

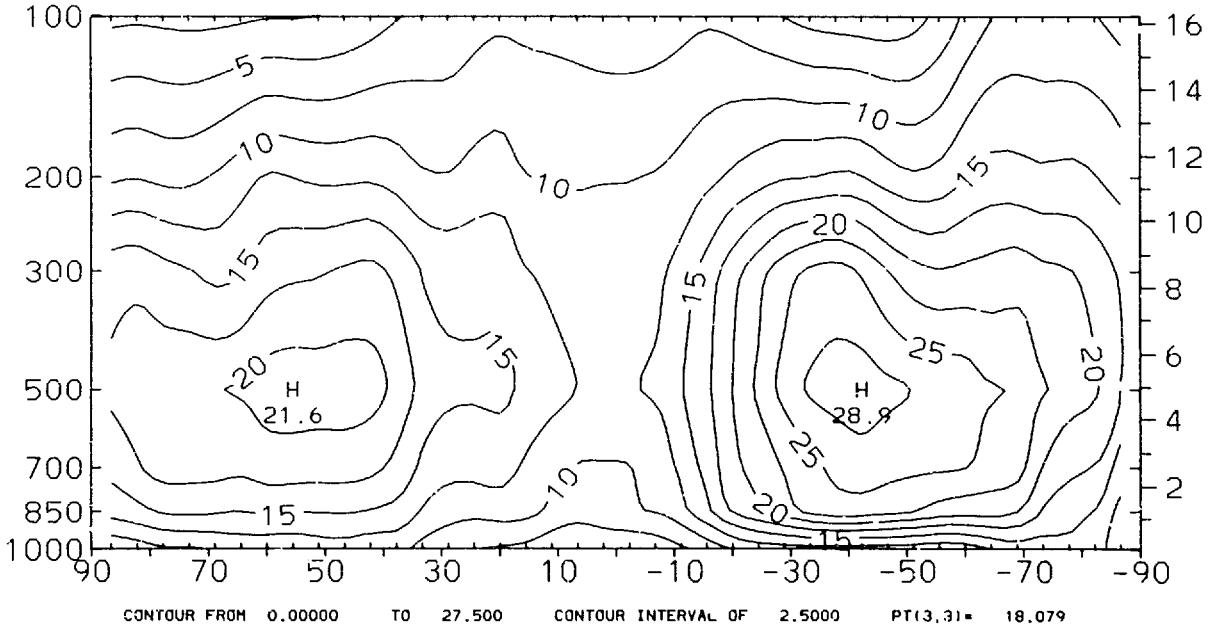



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.18441E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

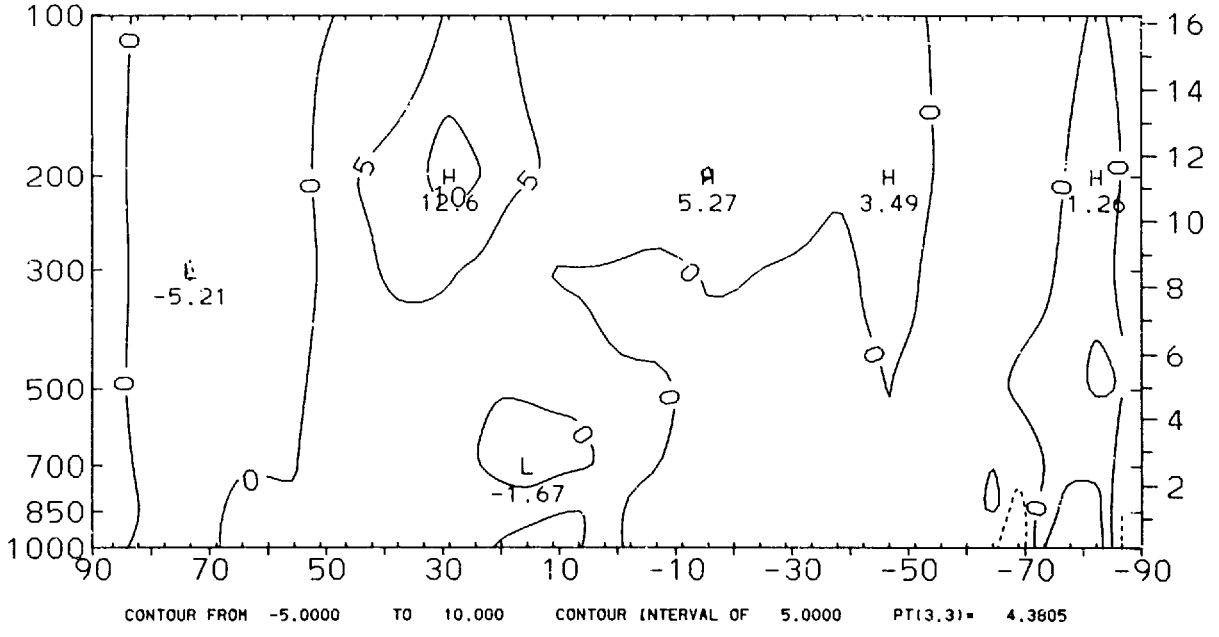
SDRH (%)




FRAME 2.91

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

UVS $(m^2 s^{-2})$

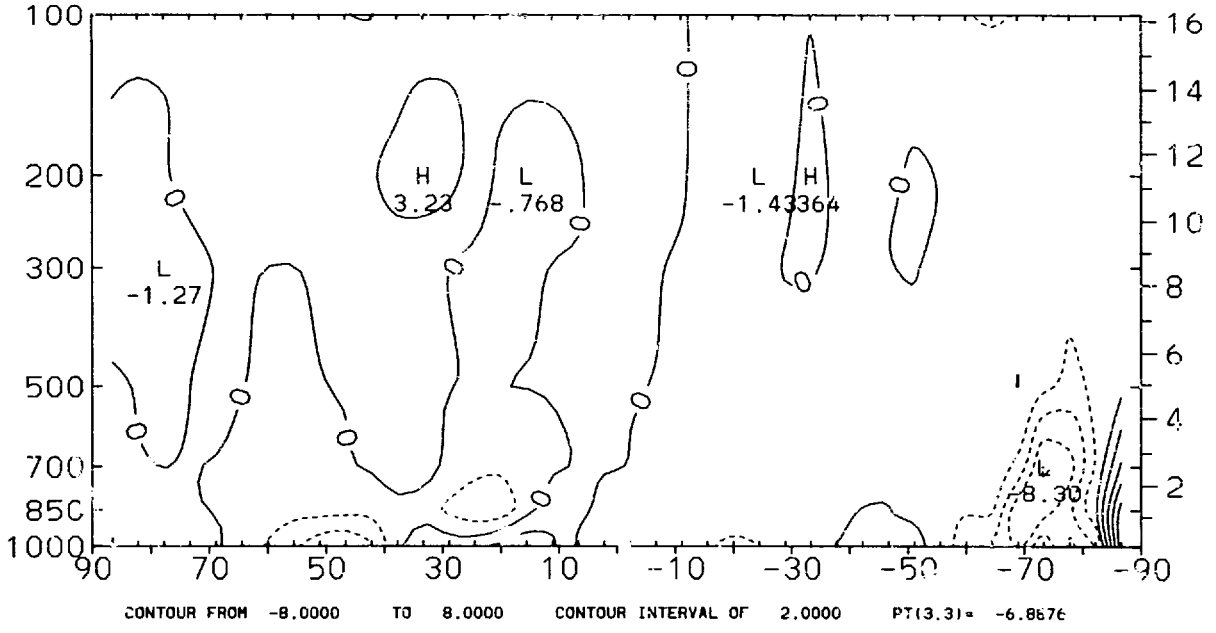



CONTOUR FROM -5.0000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 4.3805

FRAME 2.92

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

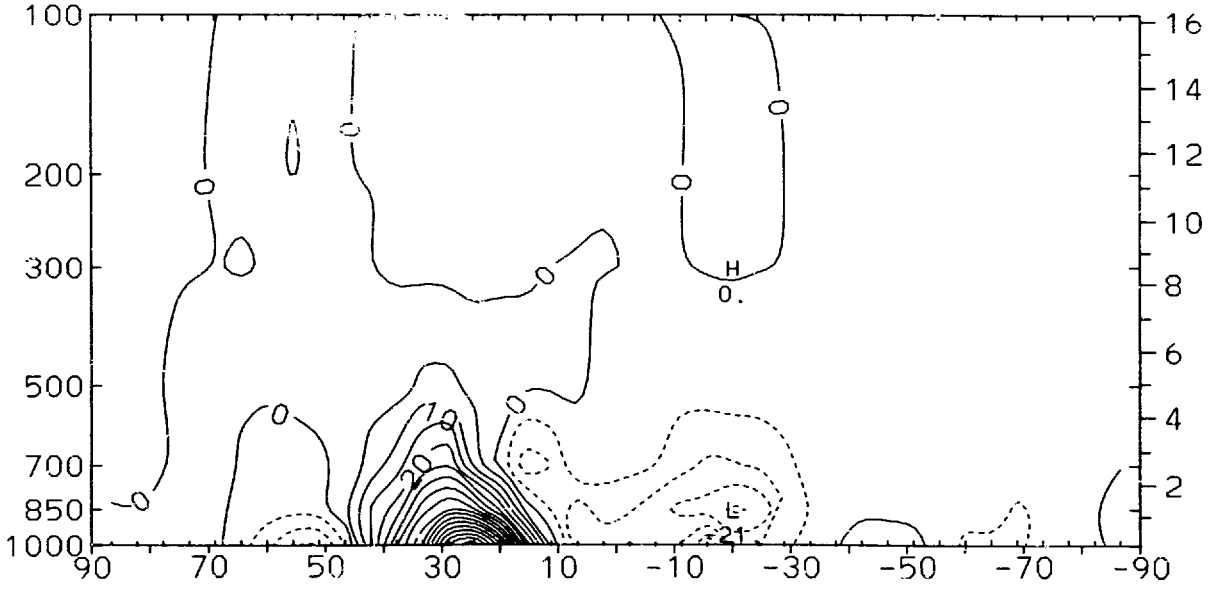
VTS ($^0$K m s$^{-1}$)




FRAME 2.93

EC R15 JULY (ENSEMBLE AVERAGE 1979–1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

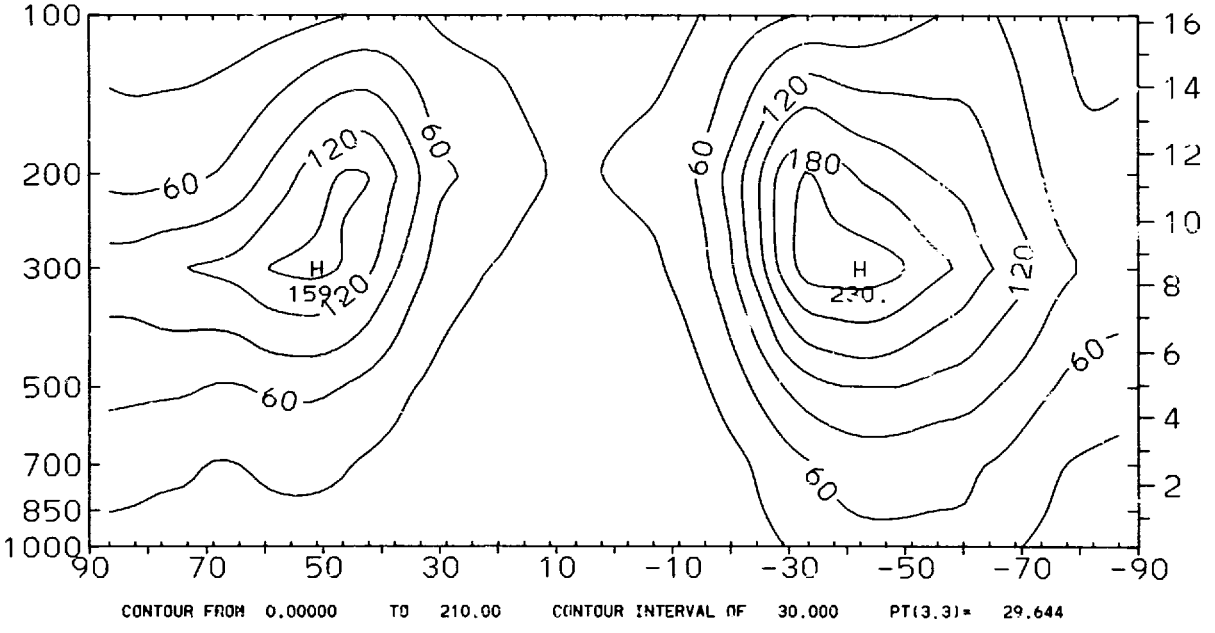



CONTOUR FROM -0.20000E-02 TO 0.85000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.18035E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 JULY (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




CONTOUR FROM 0.00000 TO 210.00 CONTOUR INTERVAL OF 30.000 PT(3,3)= 29.644

FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 1000.P | A | 577.0 TO 3134.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 850.0P | A | 577.0 TO 3134.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 700.0P | A | 577.0 TO 3134.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 500.0P | A | 577.0 TO 3134.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 300.0P | A | 577.0 TO 3134.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 200.0P | A | 577.0 TO 3134.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 100.0P | A | 577.0 TO 3134.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 1000.P | A | 577.0 TO 3134.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 850.0P | A | 577.0 TO 3134.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 700.0P | A | 577.0 TO 3134.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 500.0P | A | 577.0 TO 3134.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 300.0P | A | 577.0 TO 3134.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 200.0P | A | 577.0 TO 3134.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 100.0P | A | 577.0 TO 3134.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 1000.P | A | 577.0 TO 3134.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 850.0P | A | 577.0 TO 3134.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 700.0P | A | 577.0 TO 3134.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 500.0P | A | 577.0 TO 3134.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 300.0P | A | 577.0 TO 3134.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 200.0P | A | 577.0 TO 3134.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 100.0P | A | 577.0 TO 3134.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 1000.P | A | 577.0 TO 3134.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 850.0P | A | 577.0 TO 3134.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 700.0P | A | 577.0 TO 3134.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 500.0P | A | 577.0 TO 3134.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 300.0P | A | 577.0 TO 3134.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 200.0P | A | 577.0 TO 3134.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 100.0P | A | 577.0 TO 3134.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 1000.P | A | 577.0 TO 3134.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 850.0P | A | 577.0 TO 3134.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 700.0P | A | 577.0 TO 3134.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 500.0P | A | 577.0 TO 3134.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 300.0P | A | 577.0 TO 3134.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 200.0P | A | 577.0 TO 3134.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 100.0P | A | 577.0 TO 3134.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 1000.P | A | 577.0 TO 3134.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 850.0P | A | 577.0 TO 3134.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 700.0P | A | 577.0 TO 3134.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 500.0P | A | 577.0 TO 3134.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 300.0P | A | 577.0 TO 3134.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 1000.P | A | 577.0 TO 3134.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 850.0P | A | 577.0 TO 3134.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 700.0P | A | 577.0 TO 3134.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 500.0P | A | 577.0 TO 3134.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 300.0P | A | 577.0 TO 3134.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 200.0P | A | 577.0 TO 3134.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 100.0P | A | 577.0 TO 3134.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 1000.P | A | 577.0 TO 3134.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 850.0P | A | 577.0 TO 3134.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 700.0P | A | 577.0 TO 3134.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 500.0P | A | 577.0 TO 3134.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 300.0P | A | 577.0 TO 3134.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 200.0P | A | 577.0 TO 3134.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VTP | 100.0P | A | 577.0 TO 3134.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WTP | 850.0P | A | 577.0 TO 3134.0 |
| .56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WTP | 700.0P | A | 577.0 TO 3134.0 |
| .57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WTP | 500.0P | A | 577.0 TO 3134.0 |
| .58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WTP | 300.0P | A | 577.0 TO 3134.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WTP | 200.0P | A | 577.0 TO 3134.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UZP | 850.0P | A | 577.0 TO 3134.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UZP | 700.0P | A | 577.0 TO 3134.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UZP | 500.0P | A | 577.0 TO 3134.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UZP | 300.0P | A | 577.0 TO 3134.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UZP | 200.0P | A | 577.0 TO 3134.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VZP | 850.0P | A | 577.0 TO 3134.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VZP | 700.0P | A | 577.0 TO 3134.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VZP | 500.0P | A | 577.0 TO 3134.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VZP | 300.0P | A | 577.0 TO 3134.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VZP | 200.0P | A | 577.0 TO 3134.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WZP | 850.0P | A | 577.0 TO 3134.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WZP | 700.0P | A | 577.0 TO 3134.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WZP | 500.0P | A | 577.0 TO 3134.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WZP | 300.0P | A | 577.0 TO 3134.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WZP | 200.0P | A | 577.0 TO 3134.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UQP | 850.0P | A | 577.0 TO 3134.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UQP | 700.0P | A | 577.0 TO 3134.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UQP | 500.0P | A | 577.0 TO 3134.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UQP | 300.0P | A | 577.0 TO 3134.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VQP | 850.0P | A | 577.0 TO 3134.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VQP | 700.0P | A | 577.0 TO 3134.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VQP | 500.0P | A | 577.0 TO 3134.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VQP | 300.0P | A | 577.0 TO 3134.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WQP | 850.0P | A | 577.0 TO 3134.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WQP | 700.0P | A | 577.0 TO 3134.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WQP | 500.0P | A | 577.0 TO 3134.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | WQP | 300.0P | A | 577.0 TO 3134.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 1000.P | A | 577.0 TO 3134.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 850.0P | A | 577.0 TO 3134.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 700.0P | A | 577.0 TO 3134.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 500.0P | A | 577.0 TO 3134.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 300.0P | A | 577.0 TO 3134.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 200.0P | A | 577.0 TO 3134.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UVP | 100.0P | A | 577.0 TO 3134.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UWP | 850.0P | A | 577.0 TO 3134.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UWP | 700.0P | A | 577.0 TO 3134.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UWP | 500.0P | A | 577.0 TO 3134.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UWP | 300.0P | A | 577.0 TO 3134.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | UWP | 200.0P | A | 577.0 TO 3134.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VWP | 850.0P | A | 577.0 TO 3134.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VWP | 700.0P | A | 577.0 TO 3134.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 577.0 TO 3134.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 577.0 TO 3134.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 577.0 TO 3134.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 577.0 TO 3134.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 577.0 TO 3134.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 577.0 TO 3134.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 577.0 TO 3134.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 577.0 TO 3134.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 577.0 TO 3134.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 577.0 TO 3134.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 577.0 TO 3134.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 577.0 TO 3134.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 577.0 TO 3134.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 577.0 TO 3134.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 577.0 TO 3134.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 577.0 TO 3134.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 577.0 TO 3134.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 577.0 TO 3134.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 577.0 TO 3134.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 577.0 TO 3134.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 577.0 TO 3134.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 577.0 TO 3134.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 577.0 TO 3134.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 577.0 TO 3134.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 577.0 TO 3134.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 577.0 TO 3134.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 577.0 TO 3134.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 577.0 TO 3134.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 577.0 TO 3134.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 577.0 TO 3134.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 577.0 TO 3134.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 577.0 TO 3134.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 577.0 TO 3134.0 |

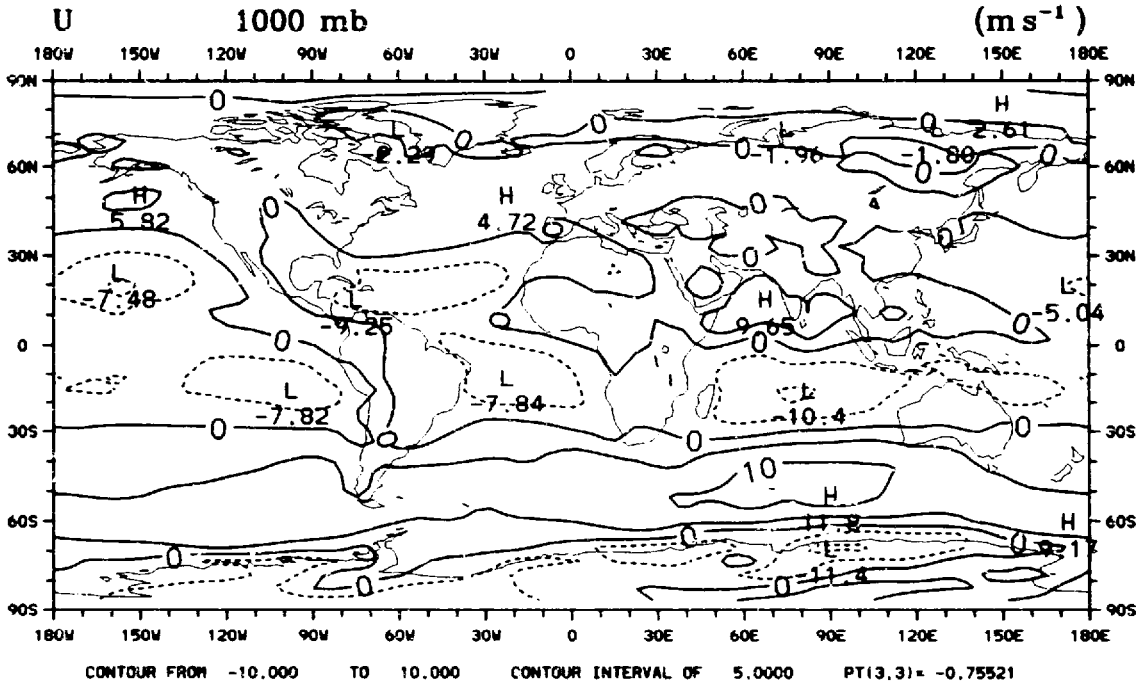
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 577.0 TO 3134.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 577.0 TO 3134.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 577.0 TO 3134.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 577.0 TO 3134.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 577.0 TO 3134.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 577.0 TO 3134.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 577.0 TO 3134.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 577.0 TO 3134.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 577.0 TO 3134.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 577.0 TO 3134.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 577.0 TO 3134.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 577.0 TO 3134.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 577.0 TO 3134.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 577.0 TO 3134.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 577.0 TO 3134.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 577.0 TO 3134.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 577.0 TO 3134.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 577.0 TO 3134.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 577.0 TO 3134.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 577.0 TO 3134.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 577.0 TO 3134.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 577.0 TO 3134.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 577.0 TO 3134.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 577.0 TO 3134.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 577.0 TO 3134.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 577.0 TO 3134.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 577.0 TO 3134.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 577.0 TO 3134.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 577.0 TO 3134.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 577.0 TO 3134.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 577.0 TO 3134.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 577.0 TO 3134.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 577.0 TO 3134.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 577.0 TO 3134.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 577.0 TO 3134.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 577.0 TO 3134.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 577.0 TO 3134.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 577.0 TO 3134.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 577.0 TO 3134.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 577.0 TO 3134.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 577.0 TO 3134.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 577.0 TO 3134.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 577.0 TO 3134.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 577.0 TO 3134.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 577.0 TO 3134.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 577.0 TO 3134.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 577.0 TO 3134.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 577.0 TO 3134.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 577.0 TO 3134.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 577.0 TO 3134.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

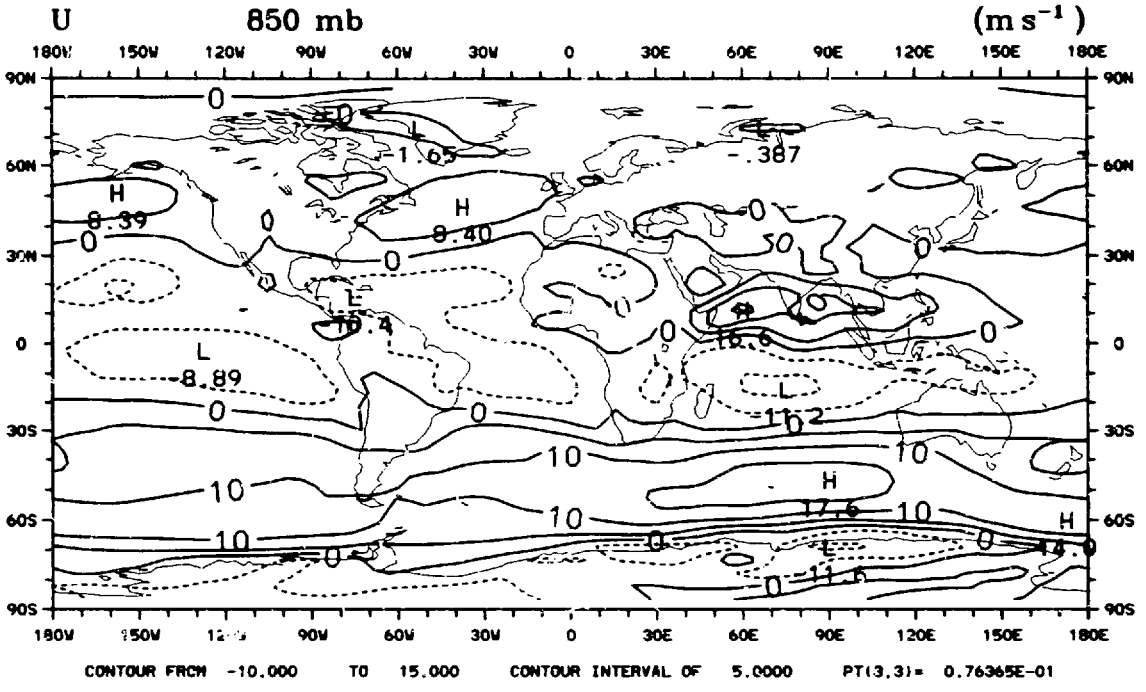
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 850.0P | A | 577.0 TO 3134.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 700.0P | A | 577.0 TO 3134.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 500.0P | A | 577.0 TO 3134.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 300.0P | A | 577.0 TO 3134.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 200.0P | A | 577.0 TO 3134.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | TFL | 100.0P | A | 577.0 TO 3134.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | ZFL | 500.0P | A | 577.0 TO 3134.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | ZFL | 300.0P | A | 577.0 TO 3134.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | ZFL | 200.0P | A | 577.0 TO 3134.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | QFL | 850.0P | A | 577.0 TO 3134.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | QFL | 700.0P | A | 577.0 TO 3134.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E.90.0S<lat<90.0N | QFL | 500.0P | A | 577.0 TO 3134.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 577.0 TO 3134.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 577.0 TO 3134.0 |

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



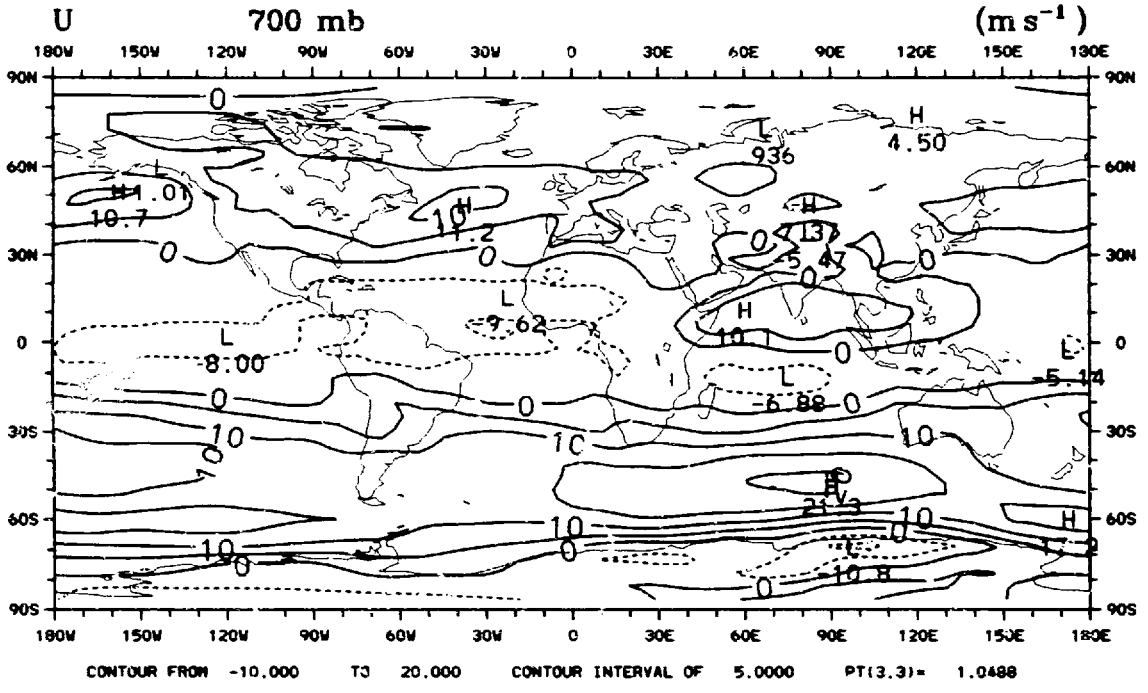

FRAME

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



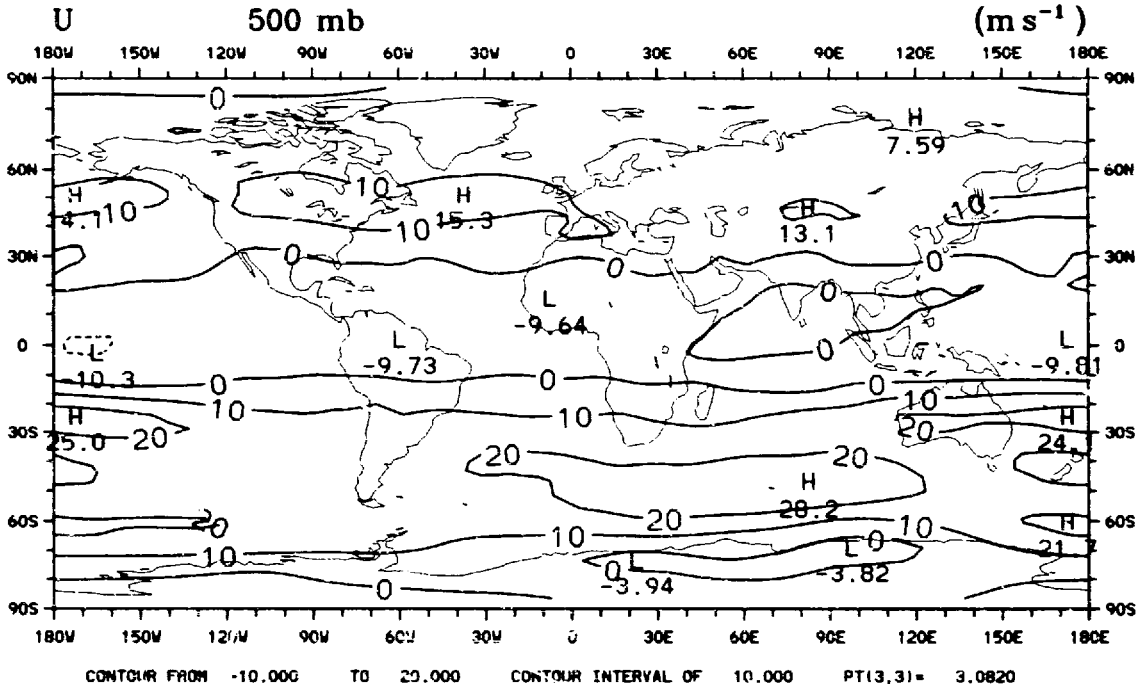

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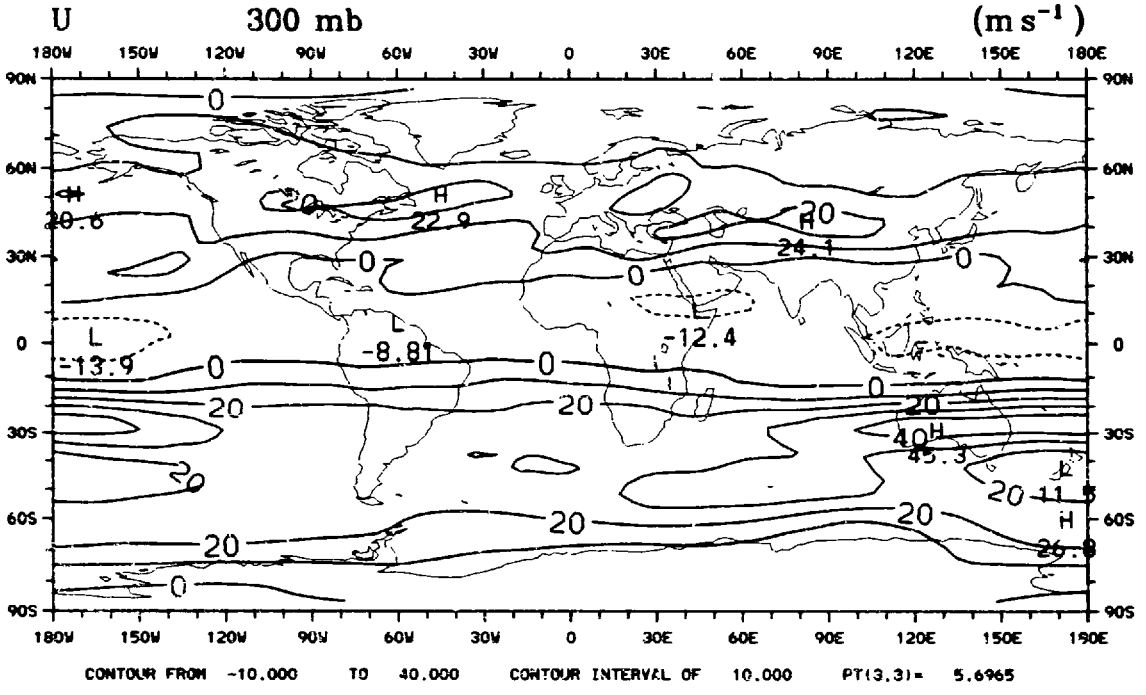

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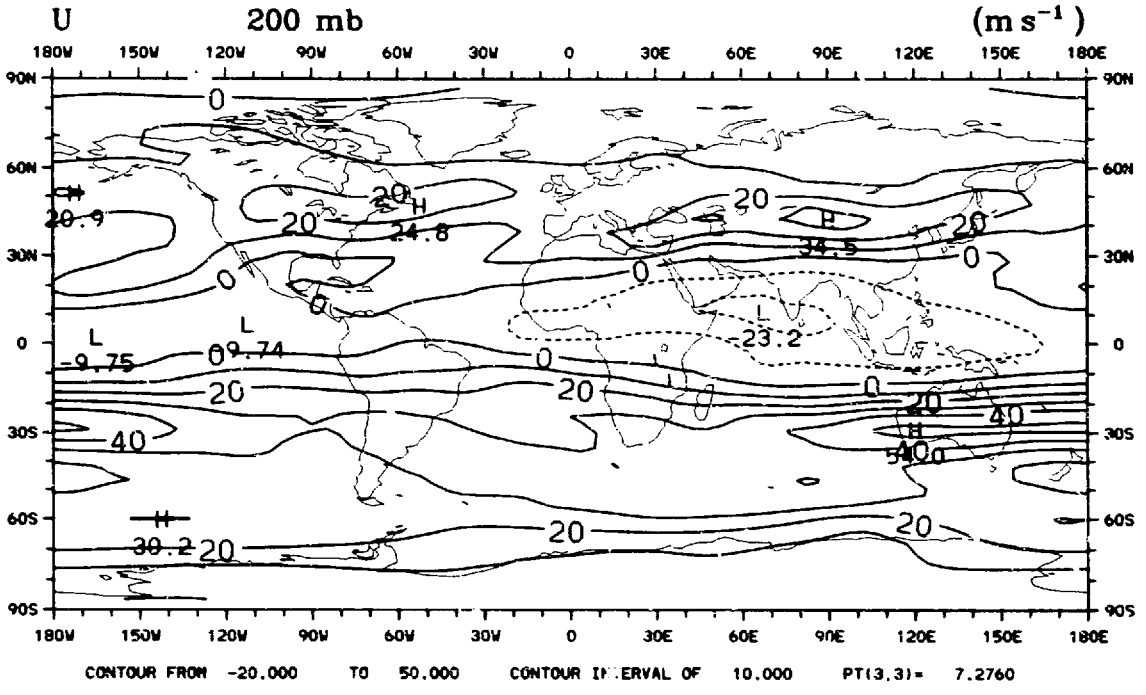

FRAME 1.4

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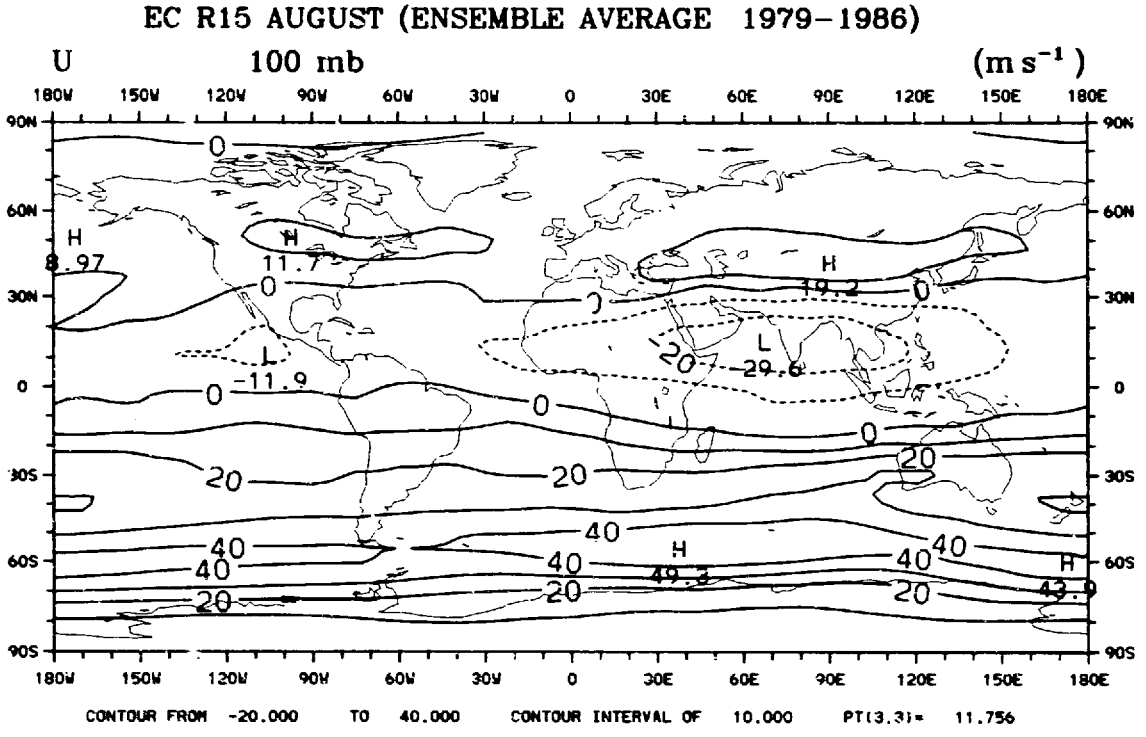



FRAME 1.5

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

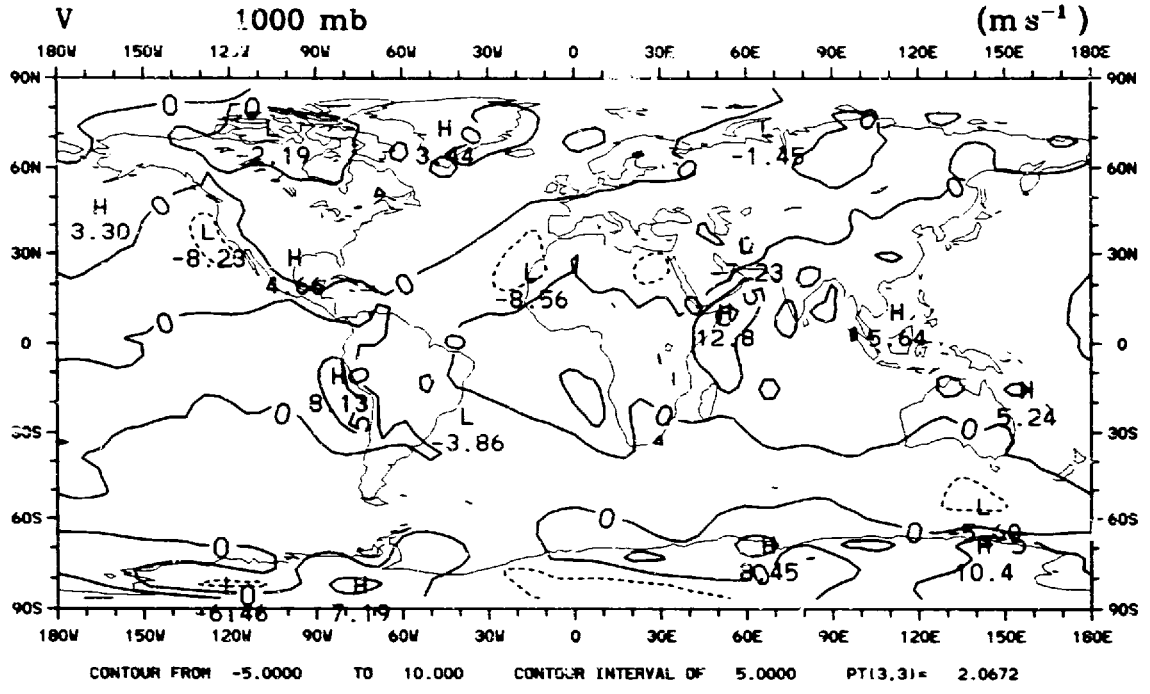



FRAME 1.6

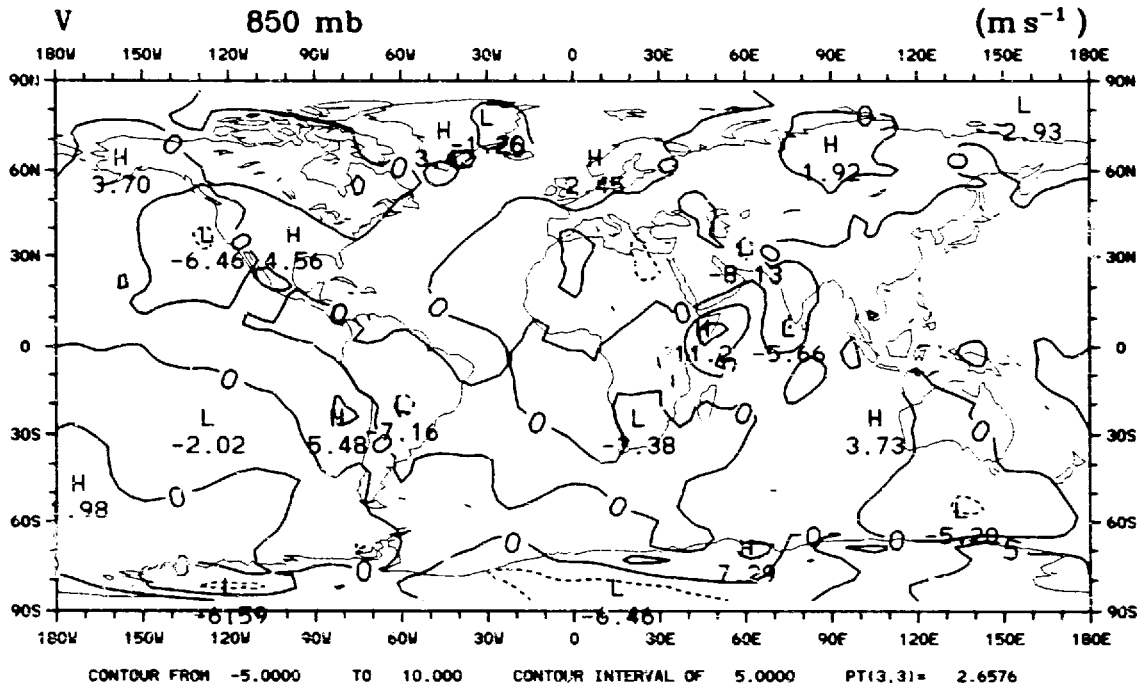

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
U
100 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
8.97
11.7
19.2
L
-11.9
-20
29.6
49.3
43.9
0
20
40
CONTOUR FROM -20.000 TO 40.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 11.756

FRAME 1.7

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

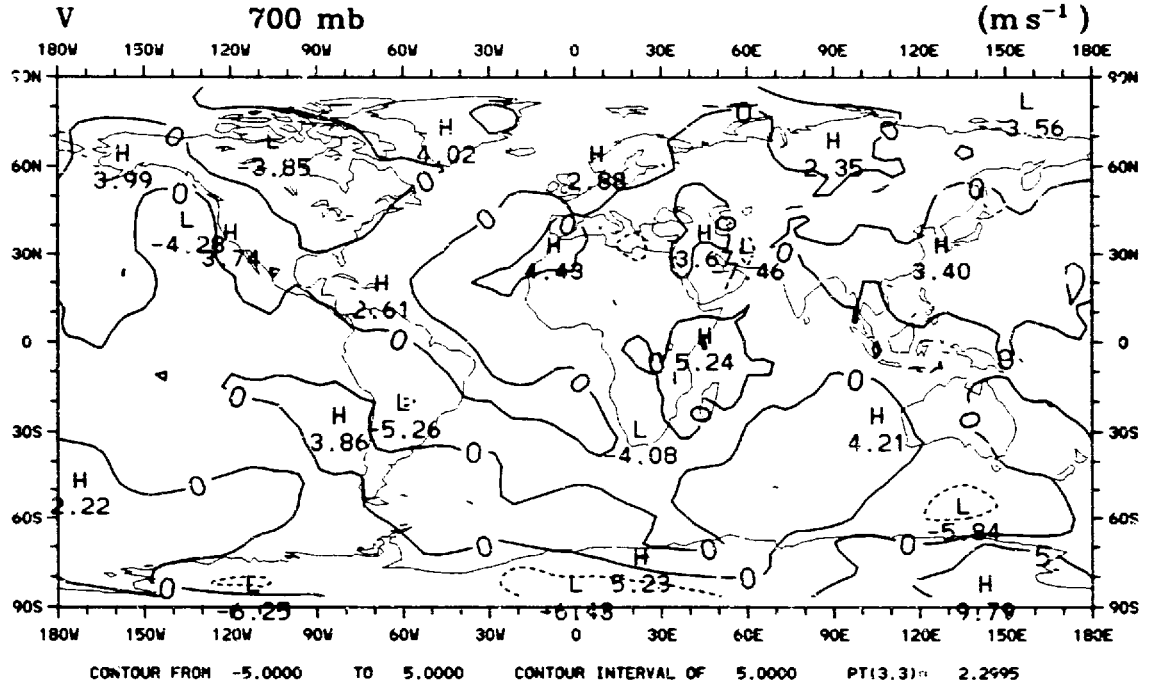



FRAME 1.8


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
V
850 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 3.70
H -6.46
4.56
H -1.26
H 2.45
H 1.92
L 2.93
-8.13
-5.66
L -2.02
5.48
-7.16
L -1.38
H 3.73
H .98
-5.20
7.29
-6.46
CONTOUR FROM -5.0000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 2.6576

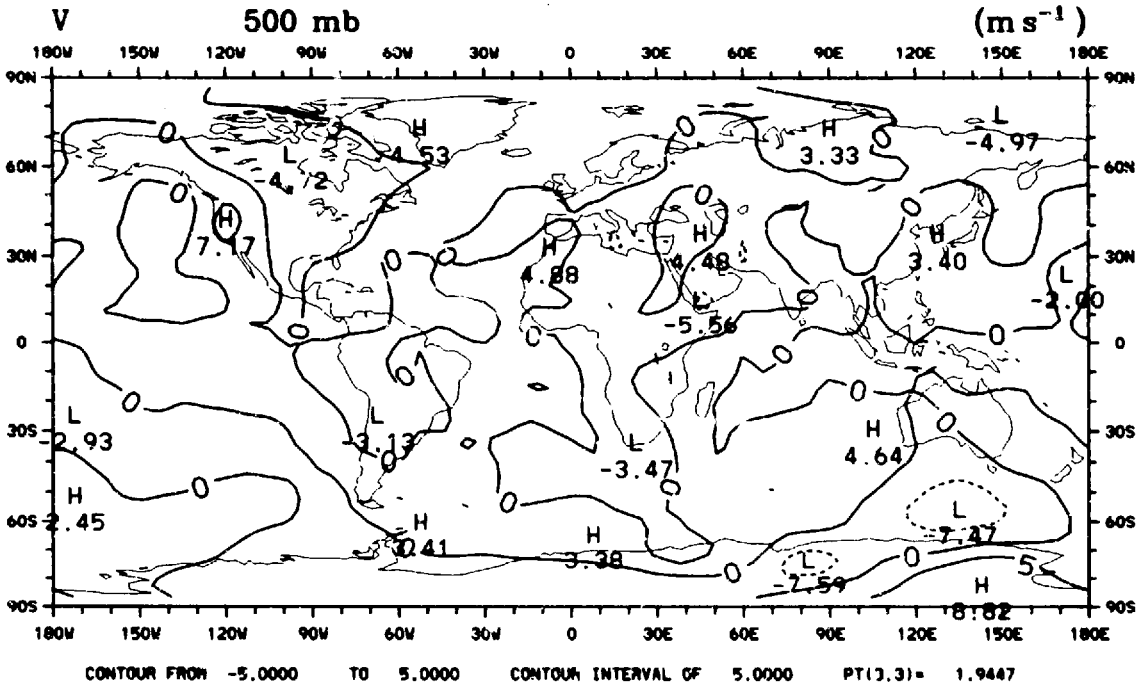
FRAME 1.9

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



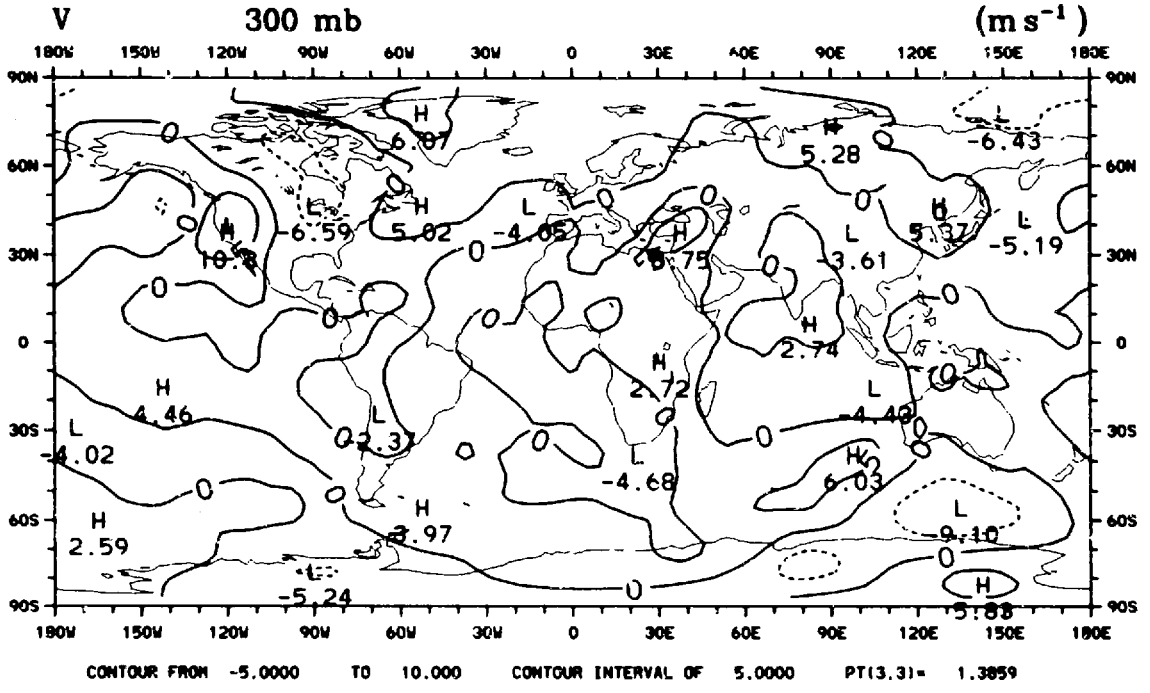

FRAME 1.10

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



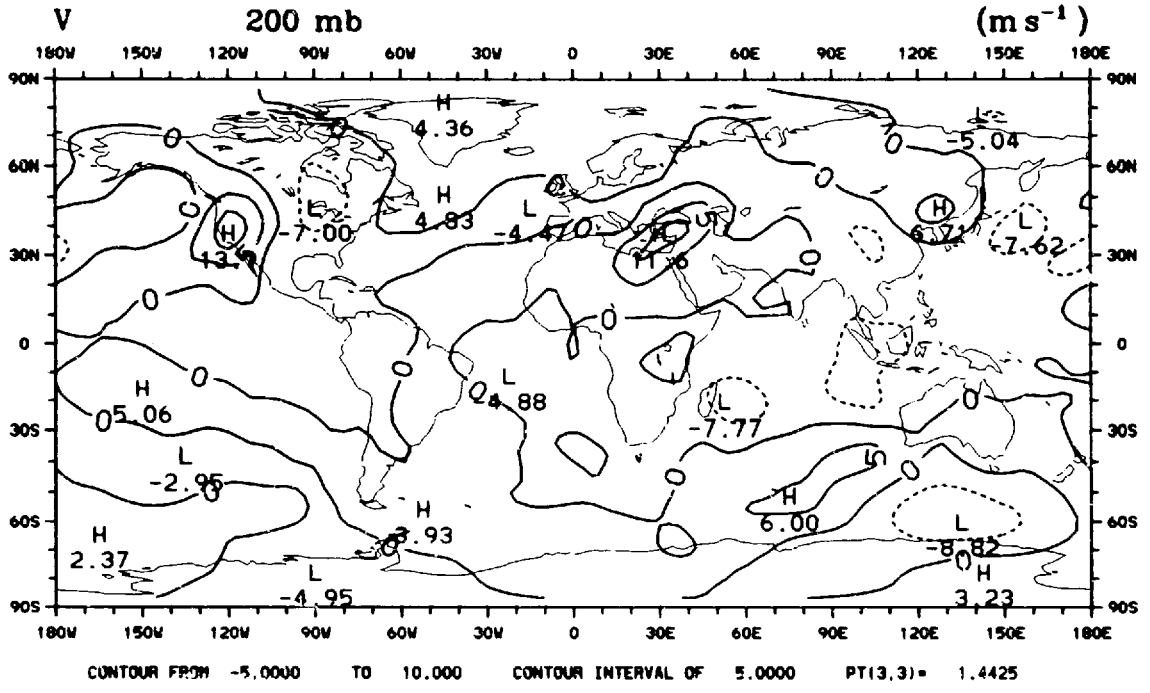

FRAME 1.11

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



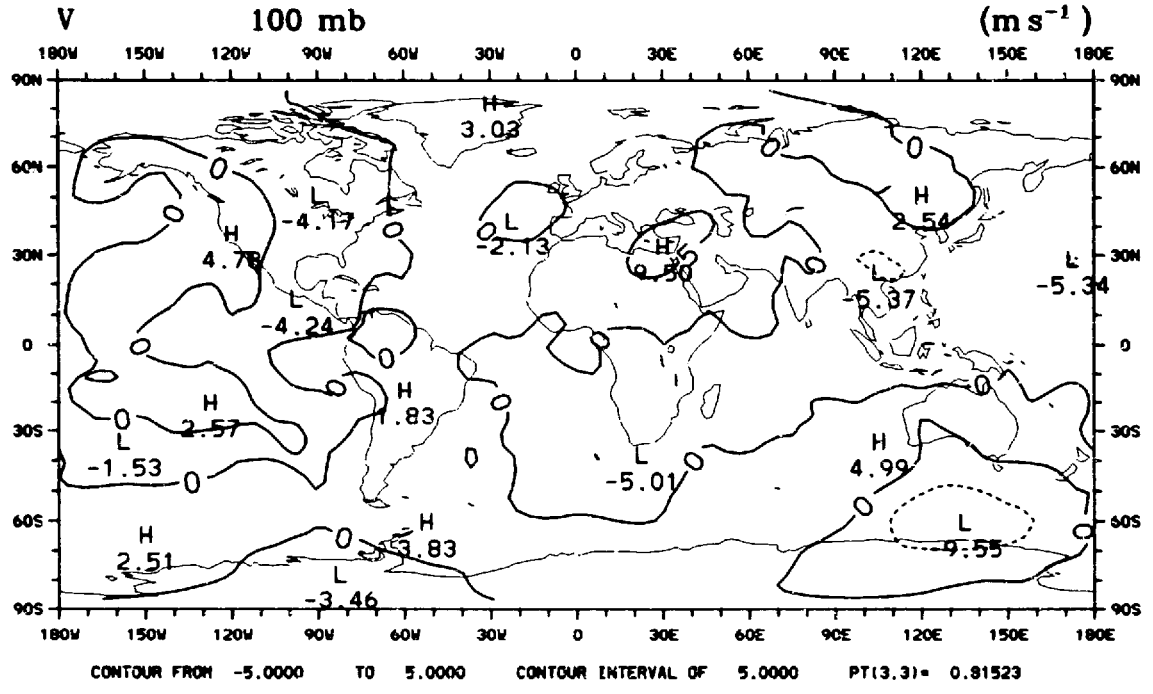

FRAME 1.12

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



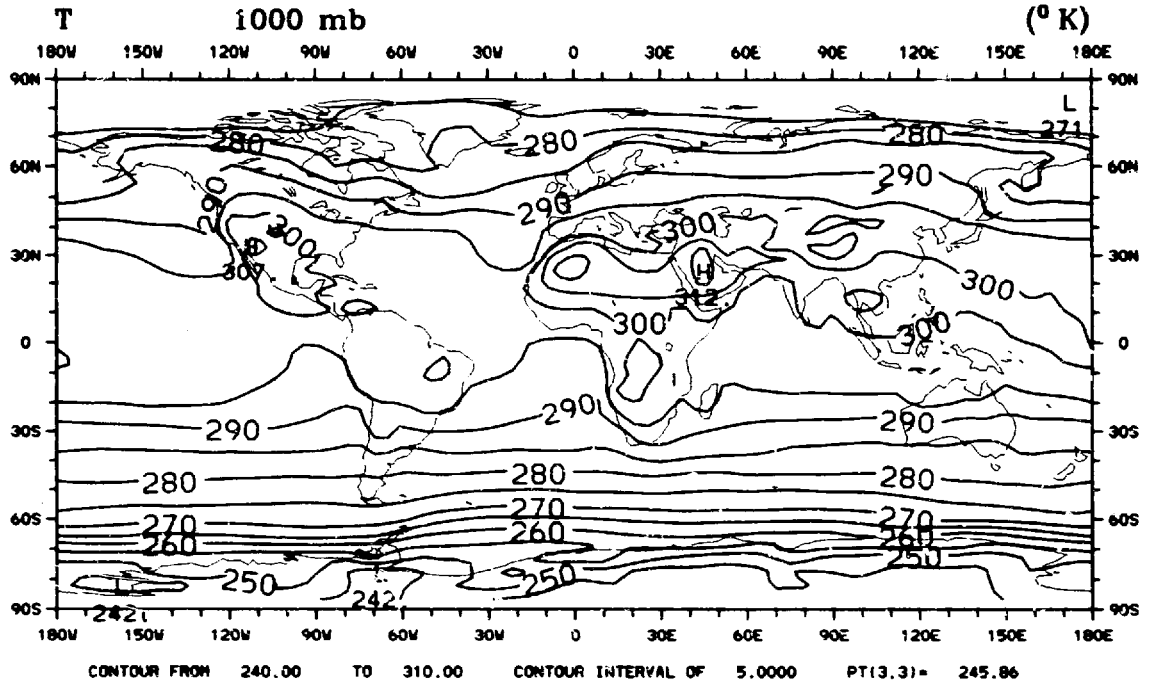

FRAME 1.13

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



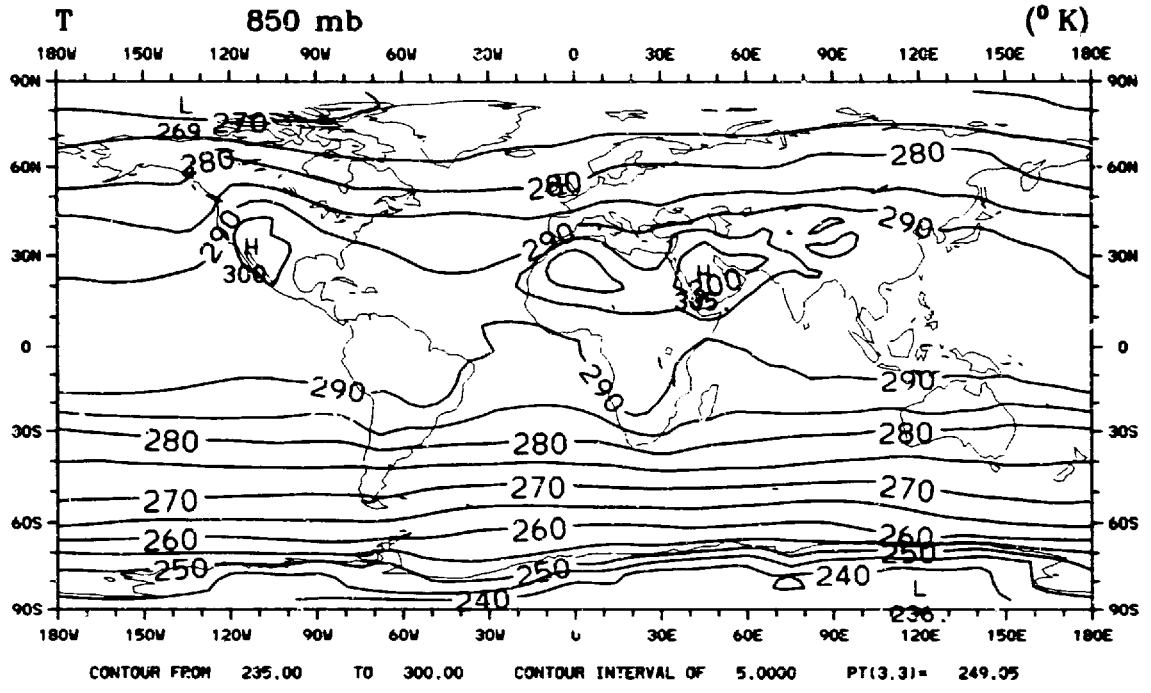

FRAME 1.14

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



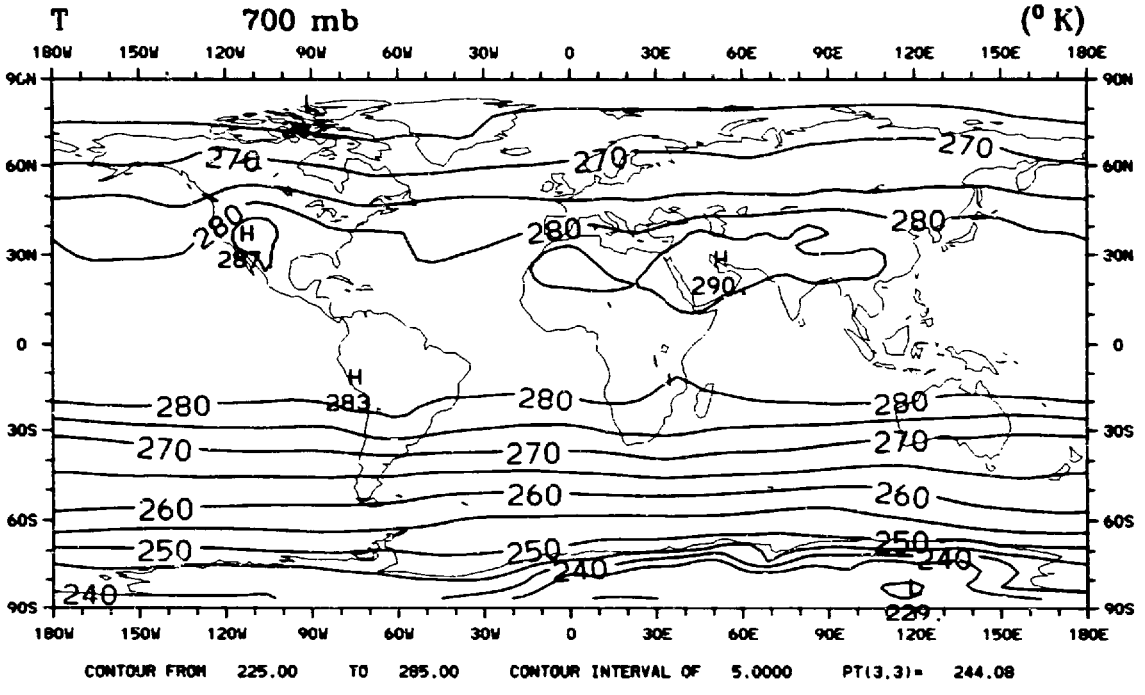

FRAME 1.15

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



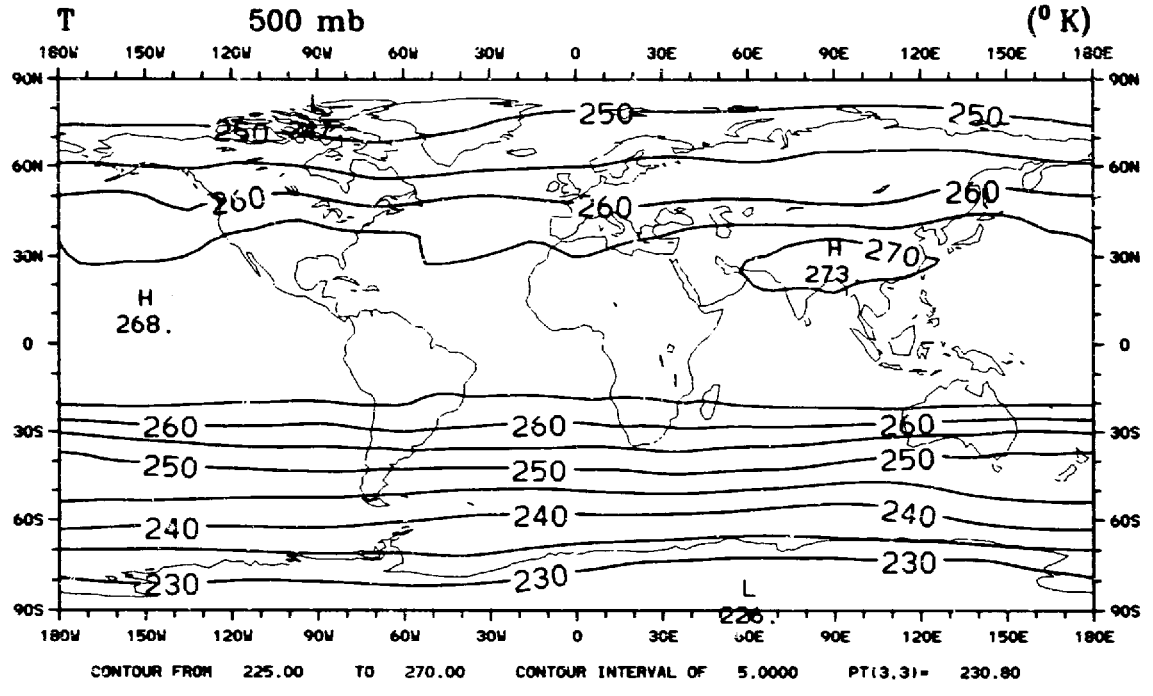

FRAME 1.16

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



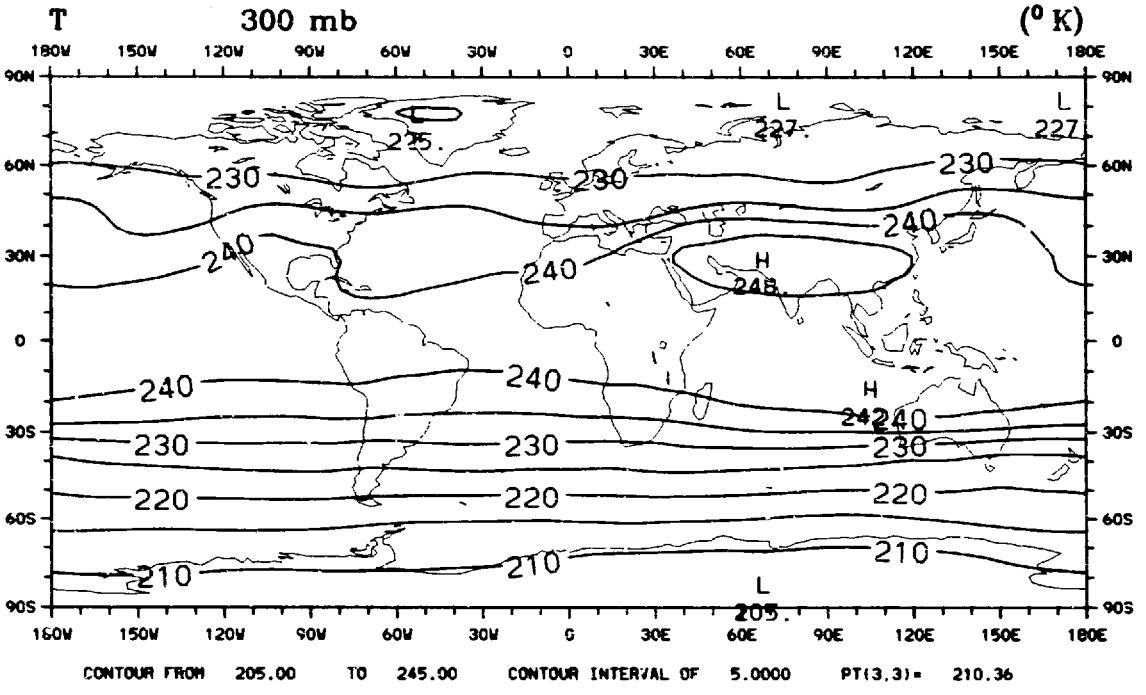

FRAME 1.17

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



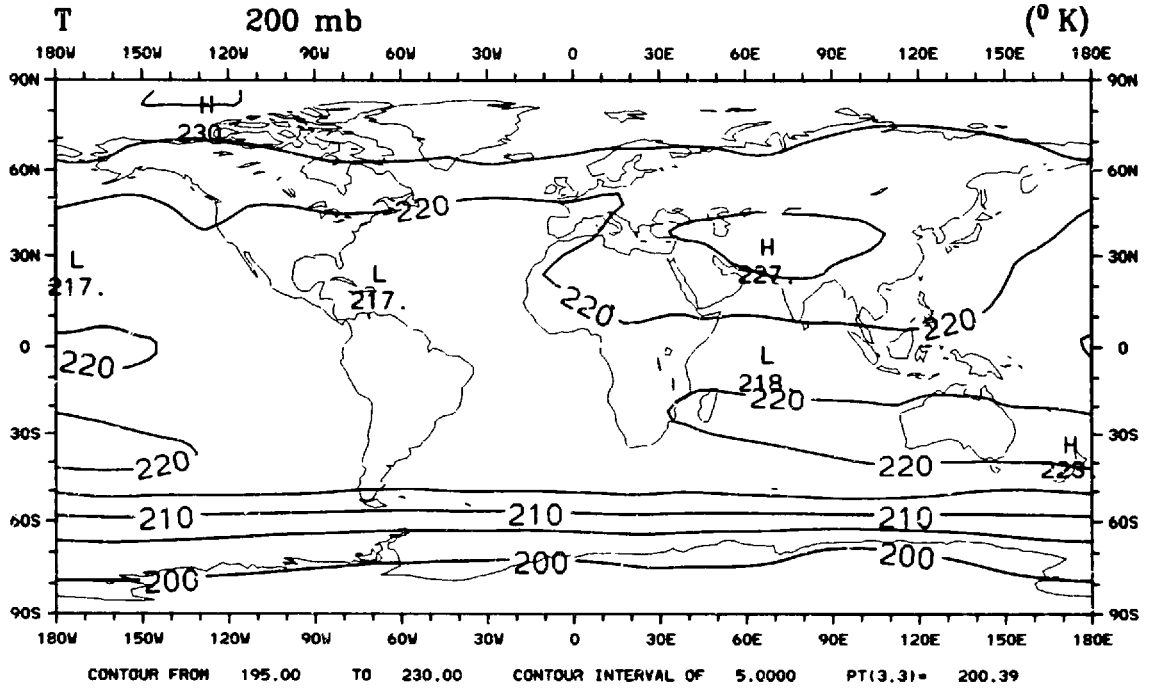

FRAME 1.18

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



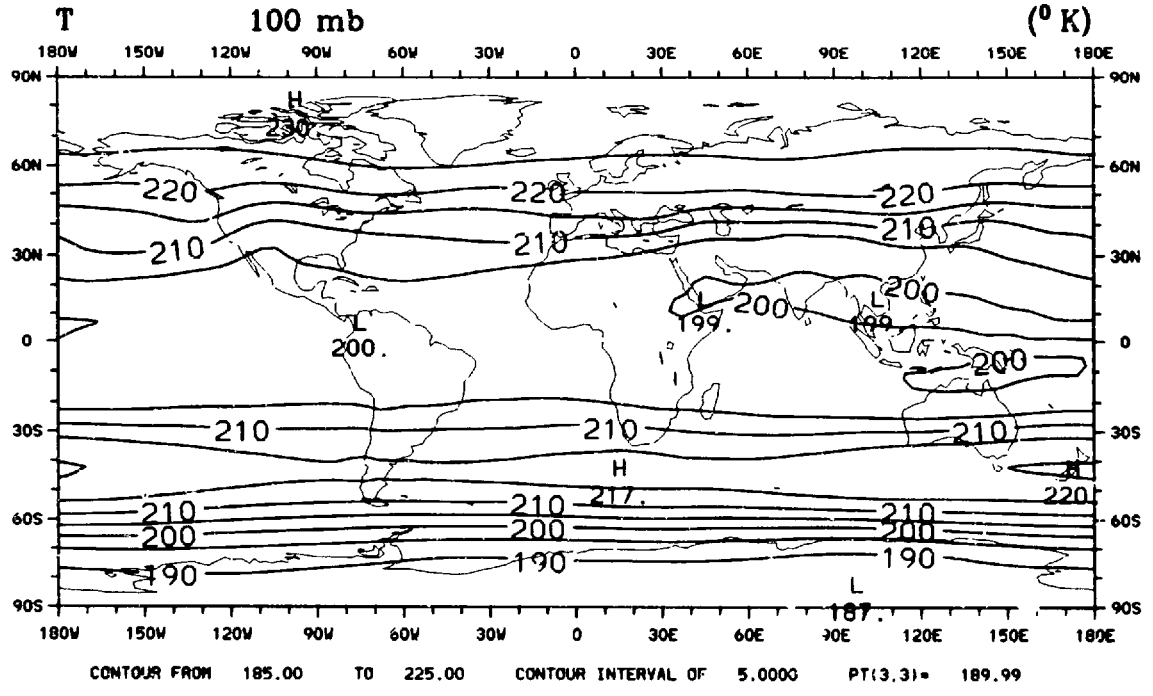

FRAME 1.19

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



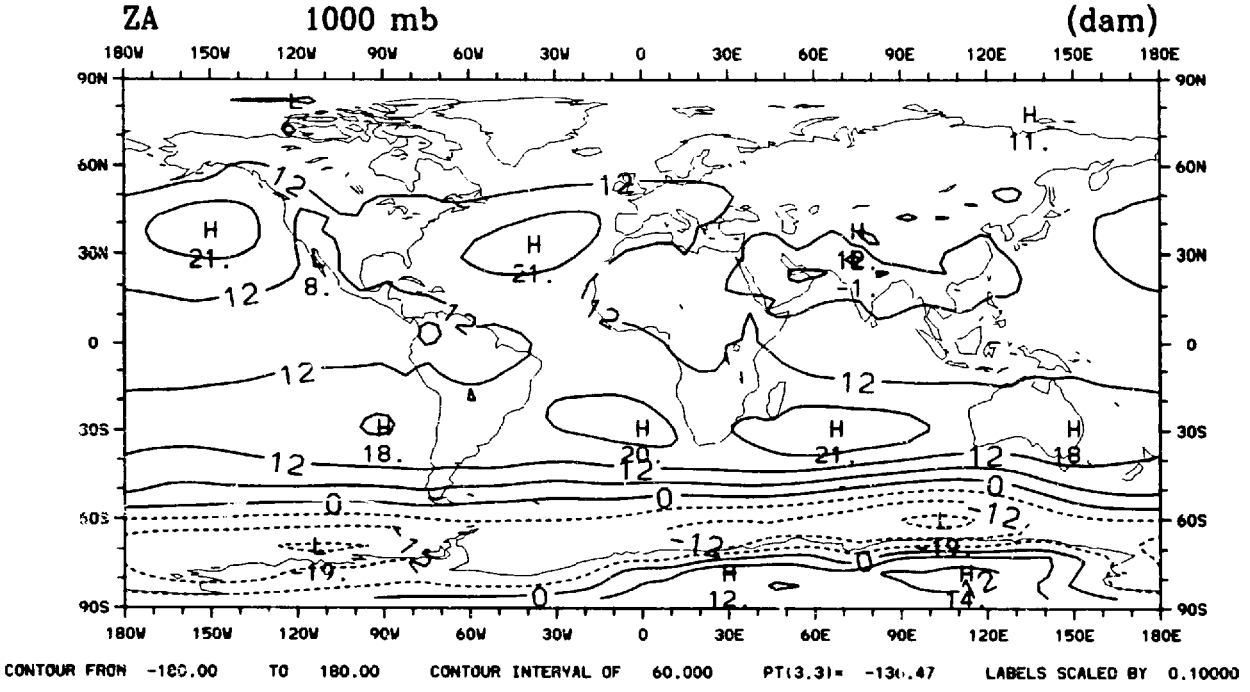

FRAME 1.20

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.21

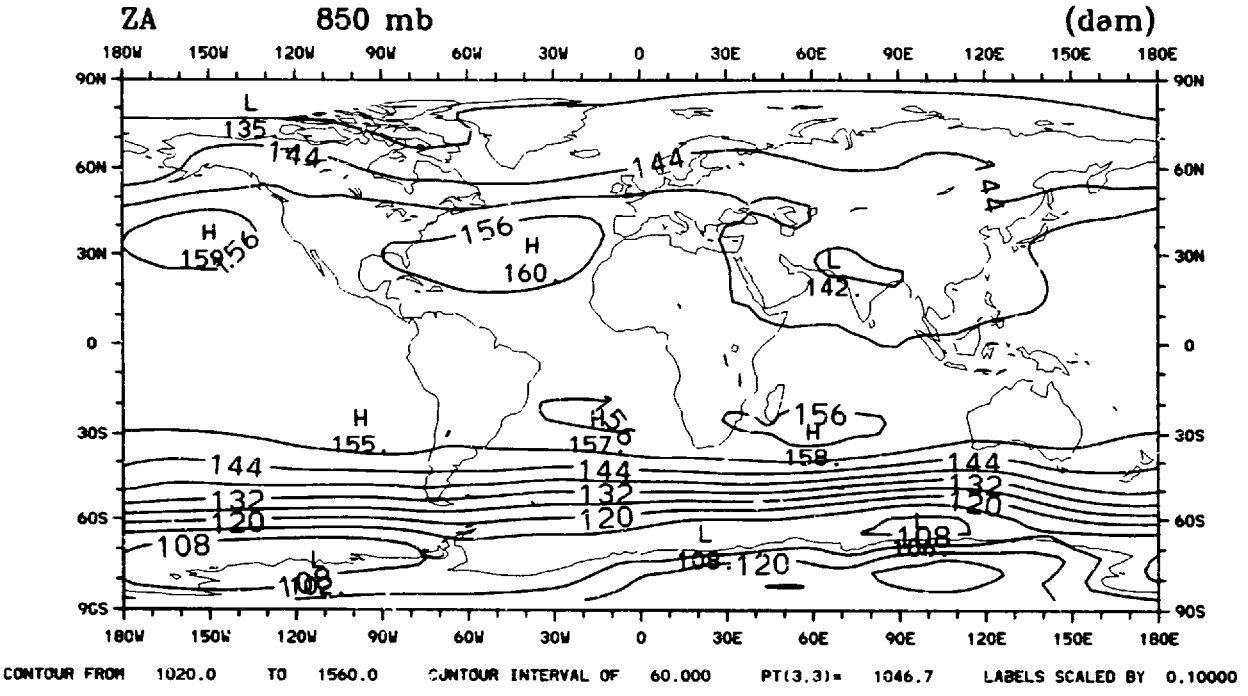
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -180.00 TO 180.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -136.47 LABELS SCALED BY 0.10000

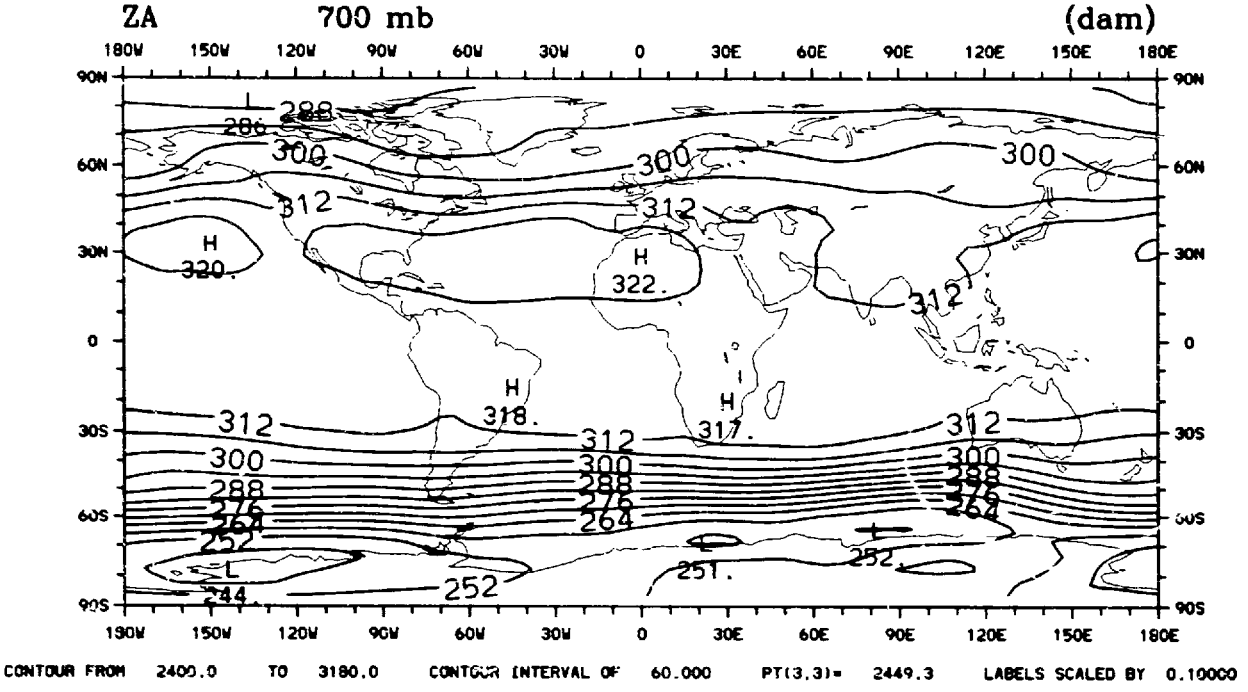
FRAME 1.22

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.23

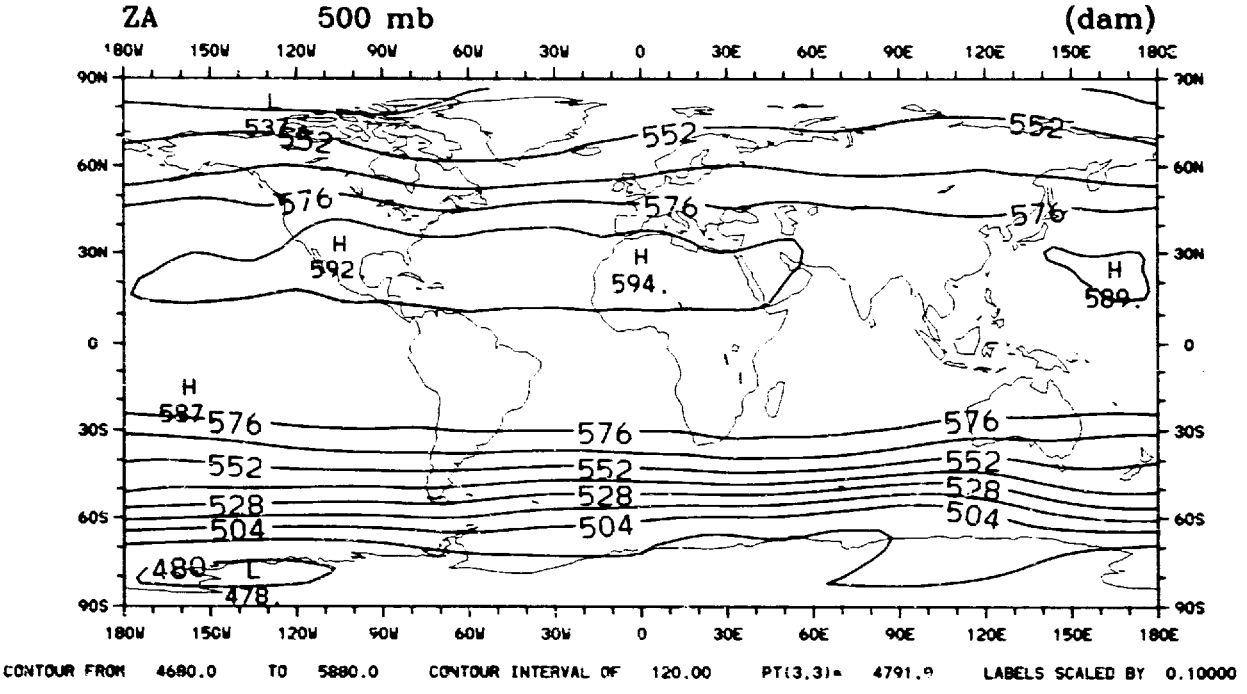
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 2400.0 TO 3180.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 2449.3 LABELS SCALED BY 0.10000

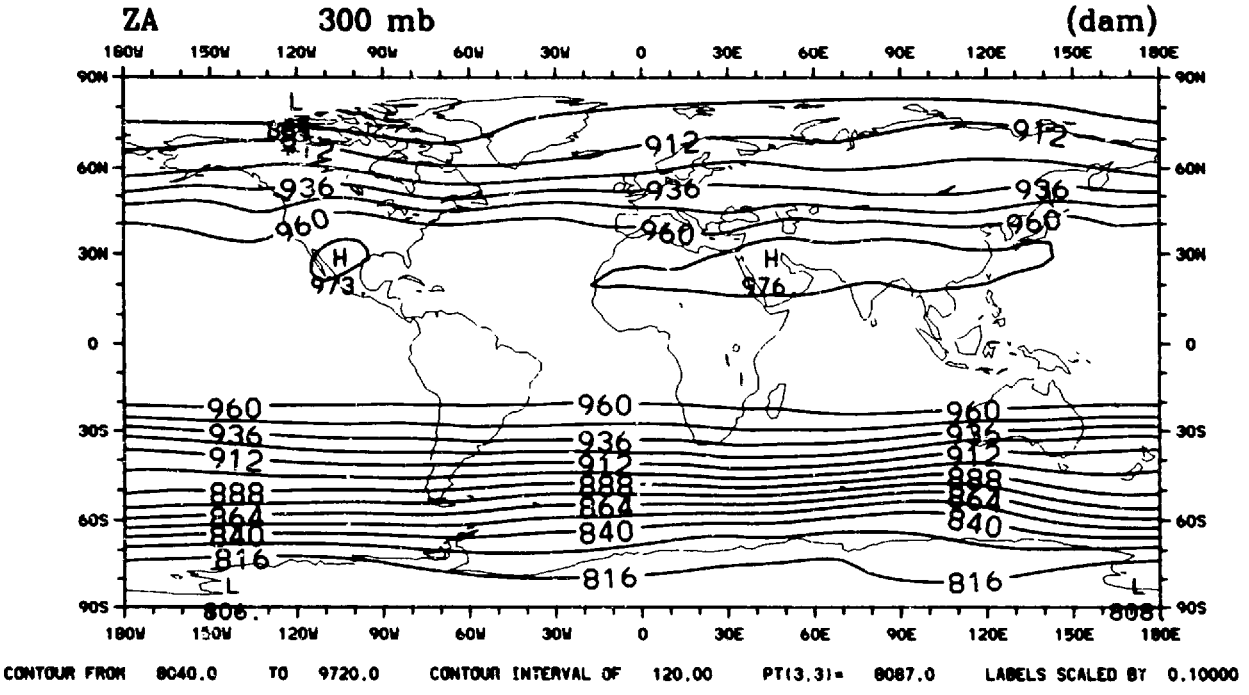
FRAME 1.24

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.25

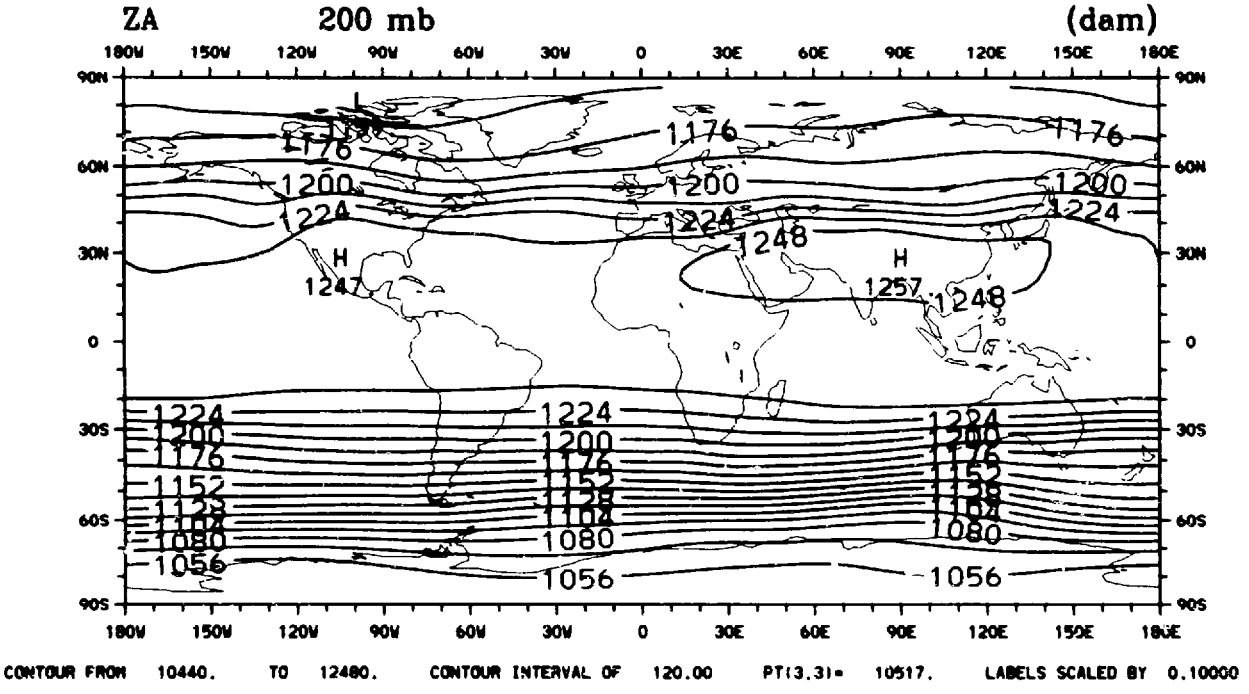
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 8040.0 TO 9720.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 8087.0 LABELS SCALED BY 0.10000

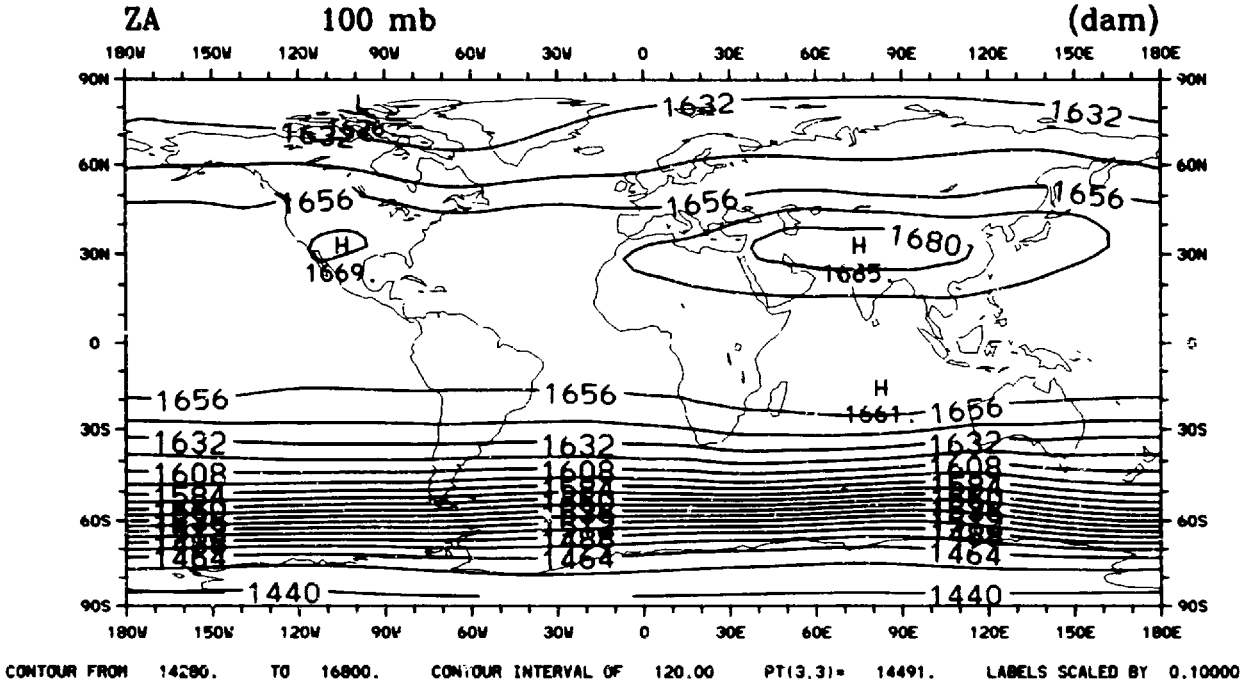
FRAME 1.26

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

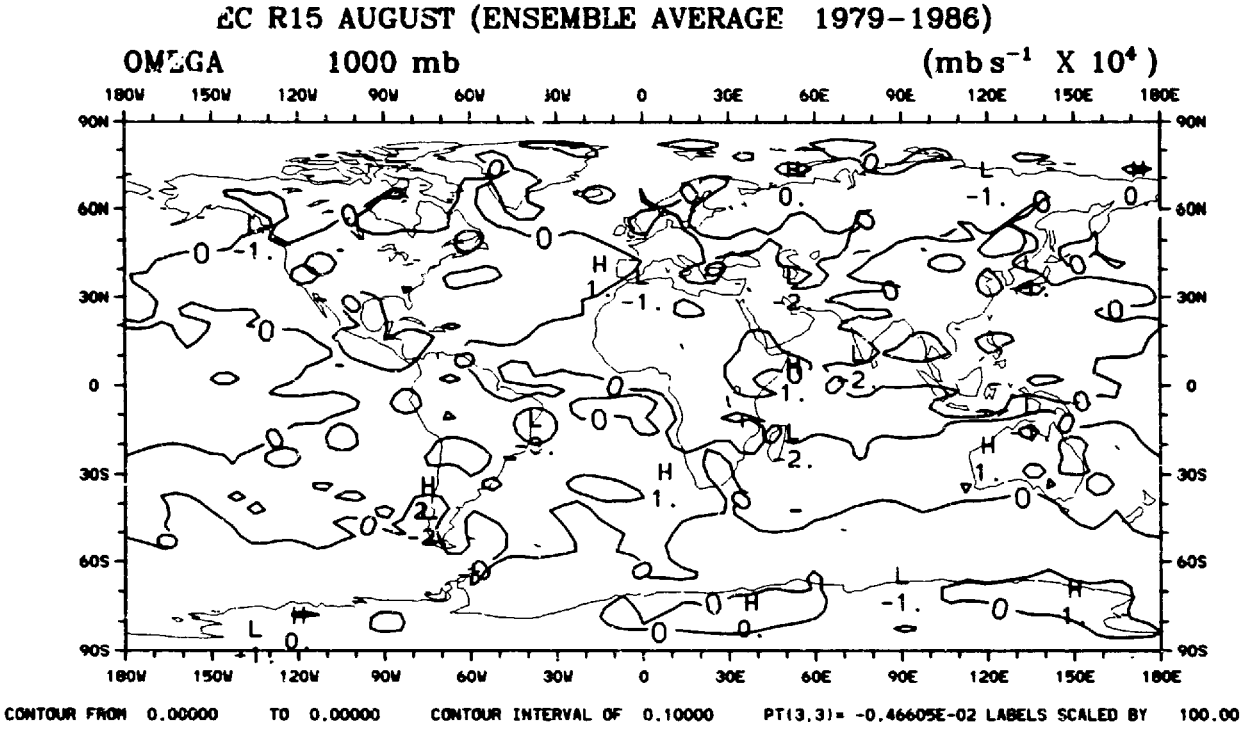



FRAME 1.27

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

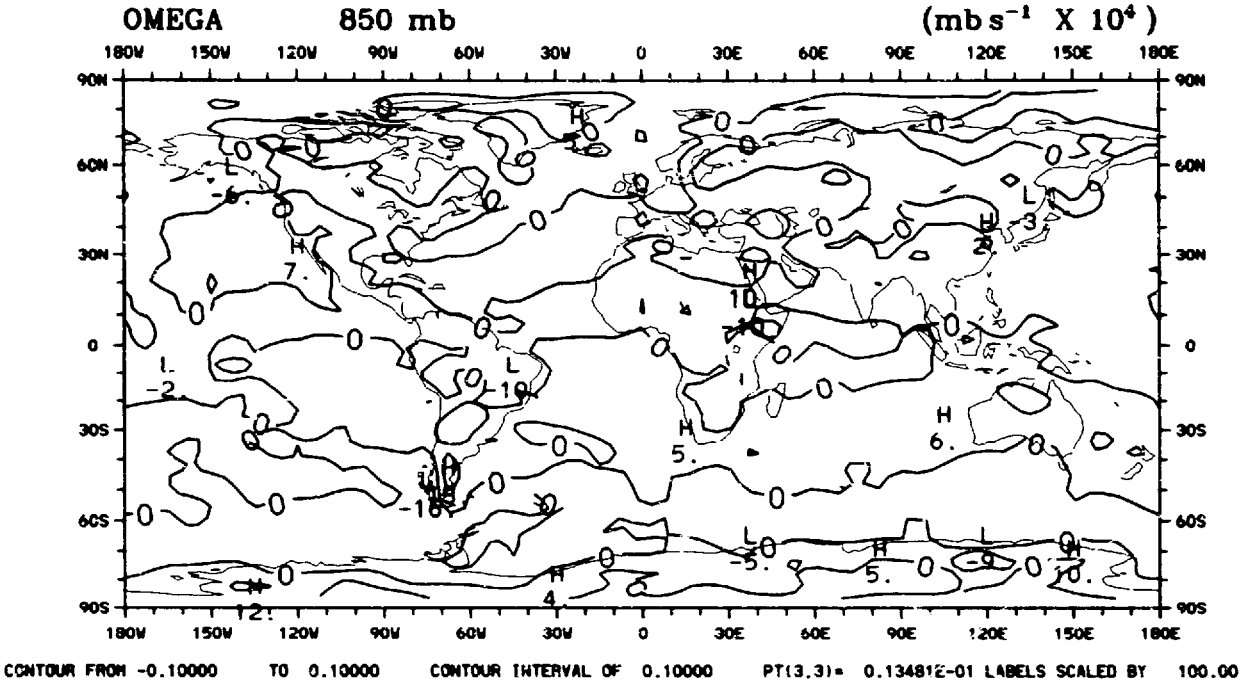



FRAME 1.28


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
OMEGA 1000 mb
(mb s$^{-1}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.46605E-02 LABELS SCALED BY 100.00

FRAME 1.29

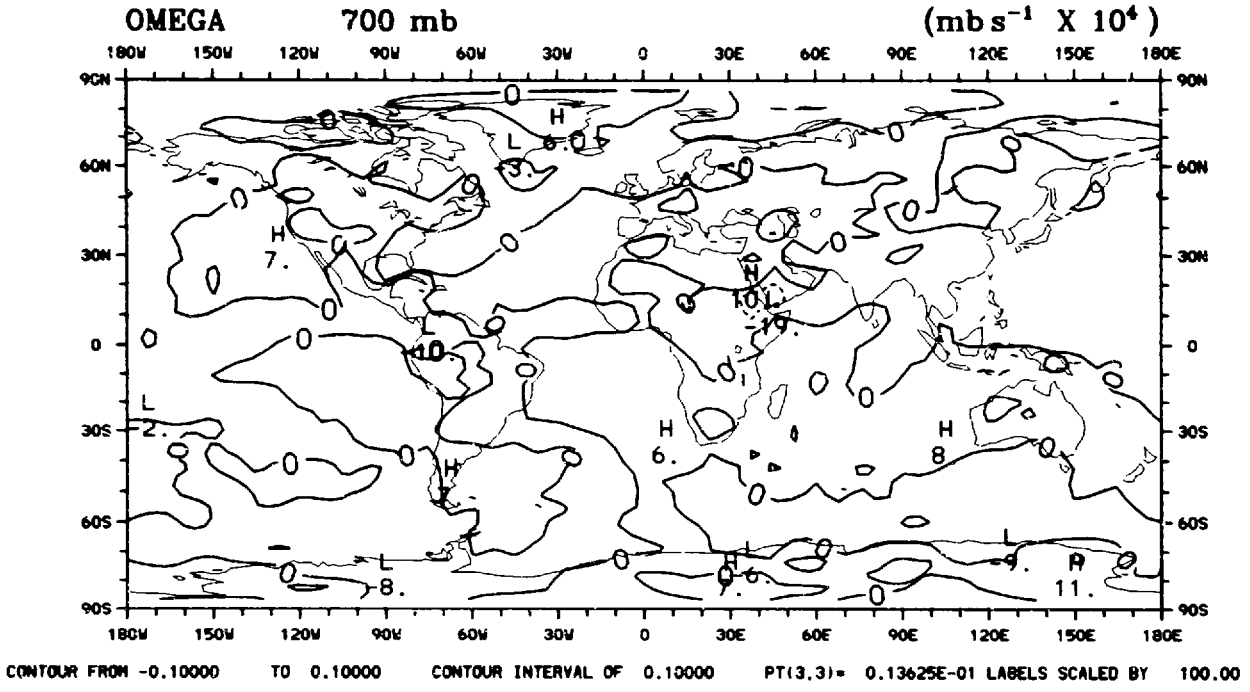
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.13481E-01 LABELS SCALED BY 100.00

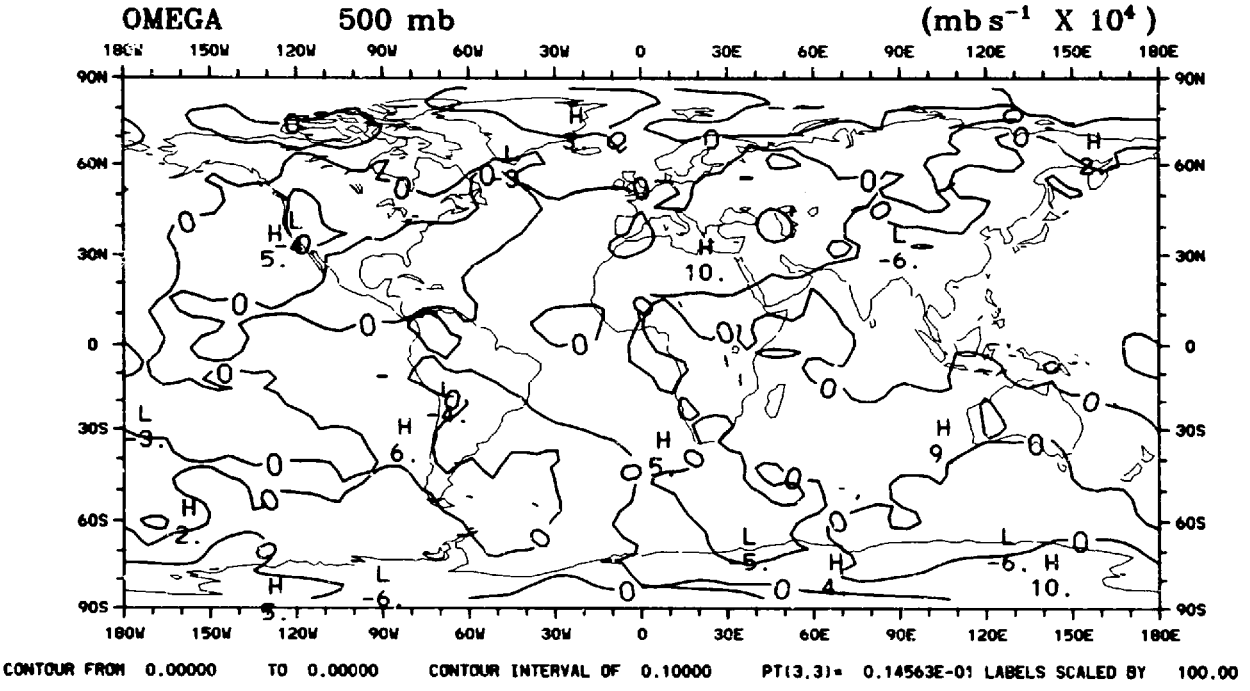
FRAME 1.30

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.31

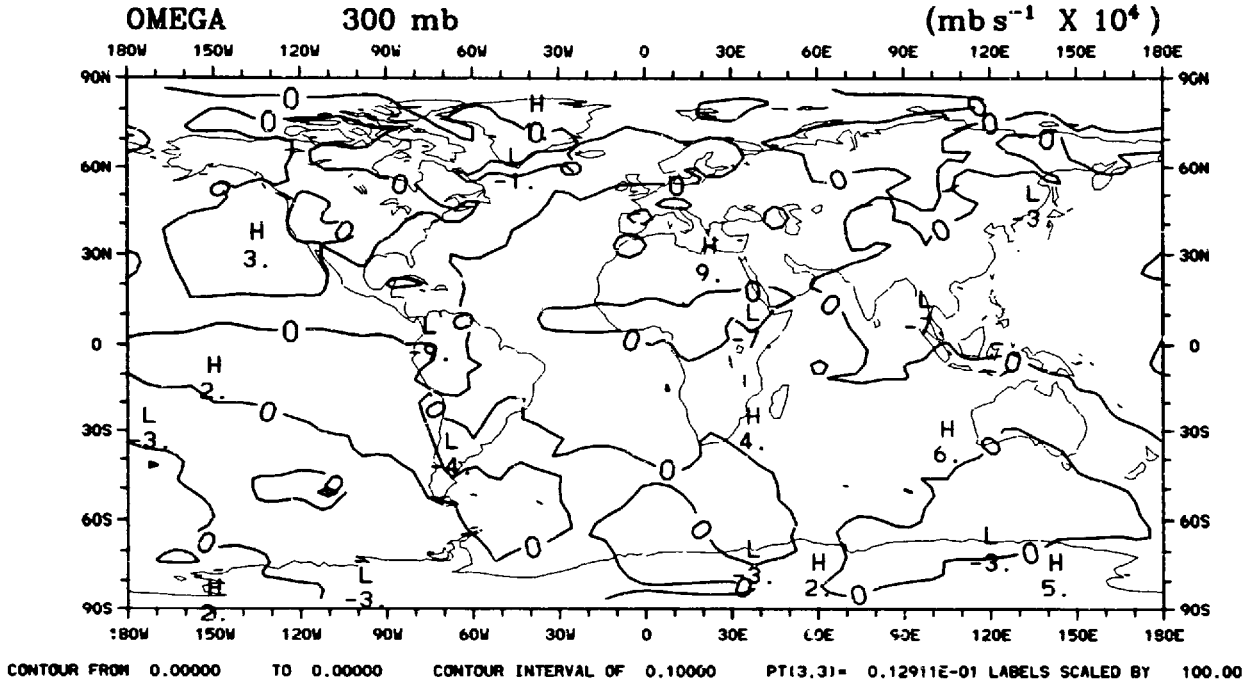
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.14563E-01 LABELS SCALED BY 100.00

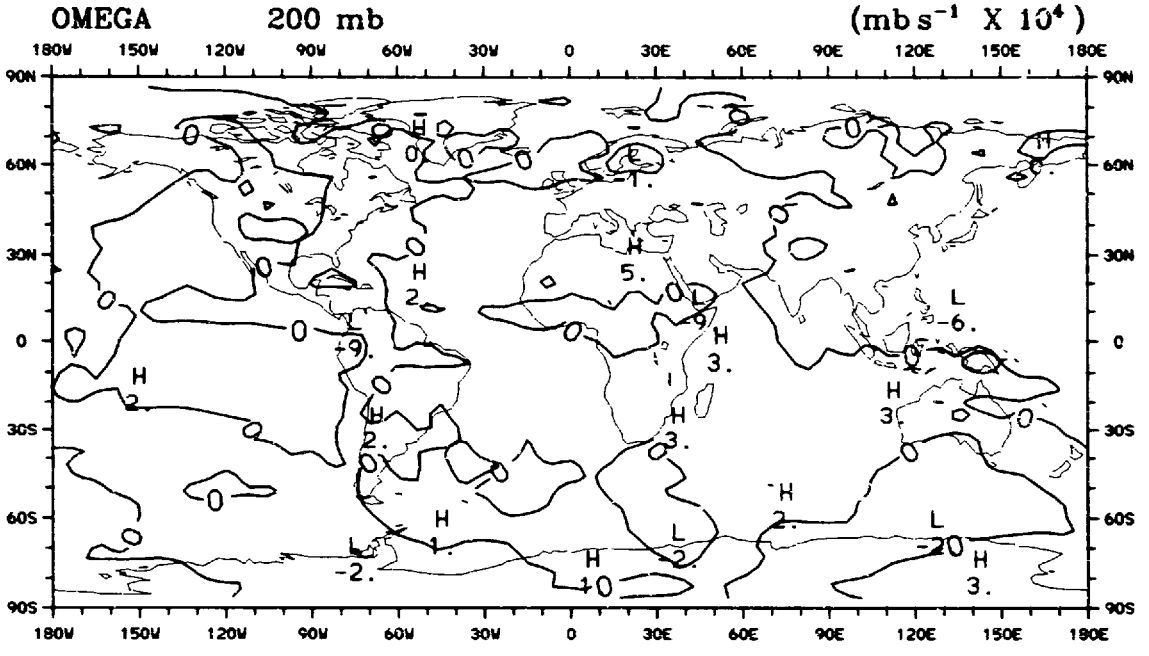
FRAME 1.32

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1983)



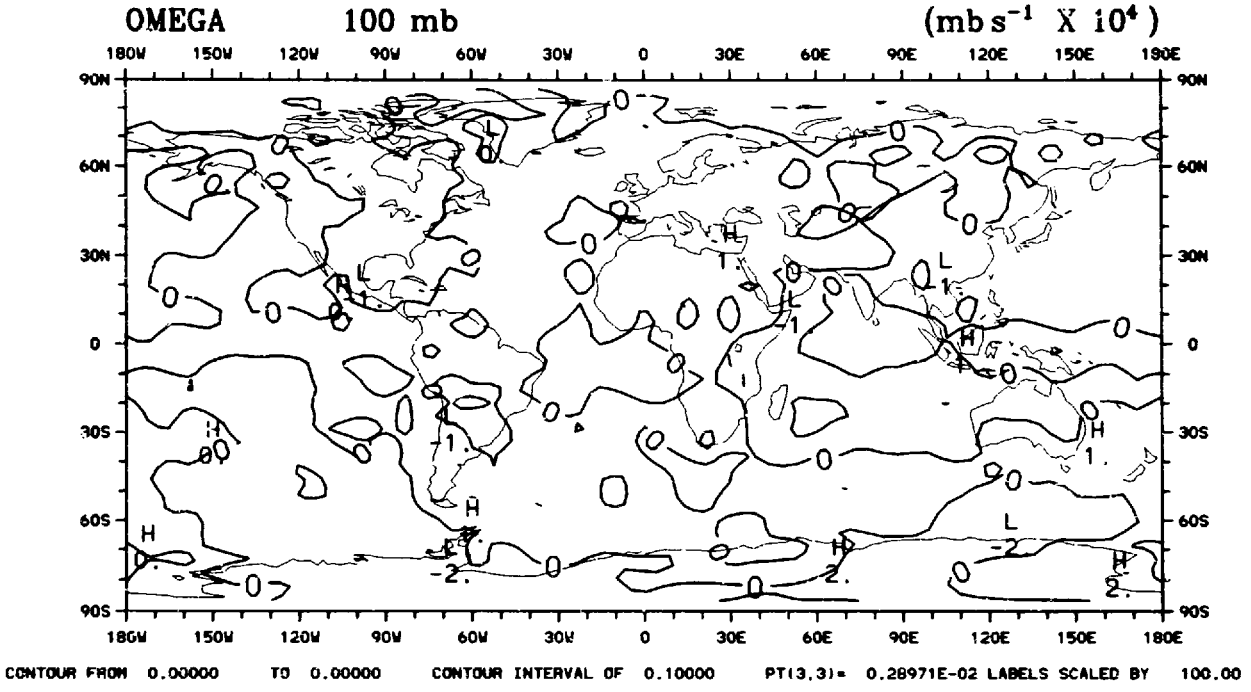

FRAME 1.33

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



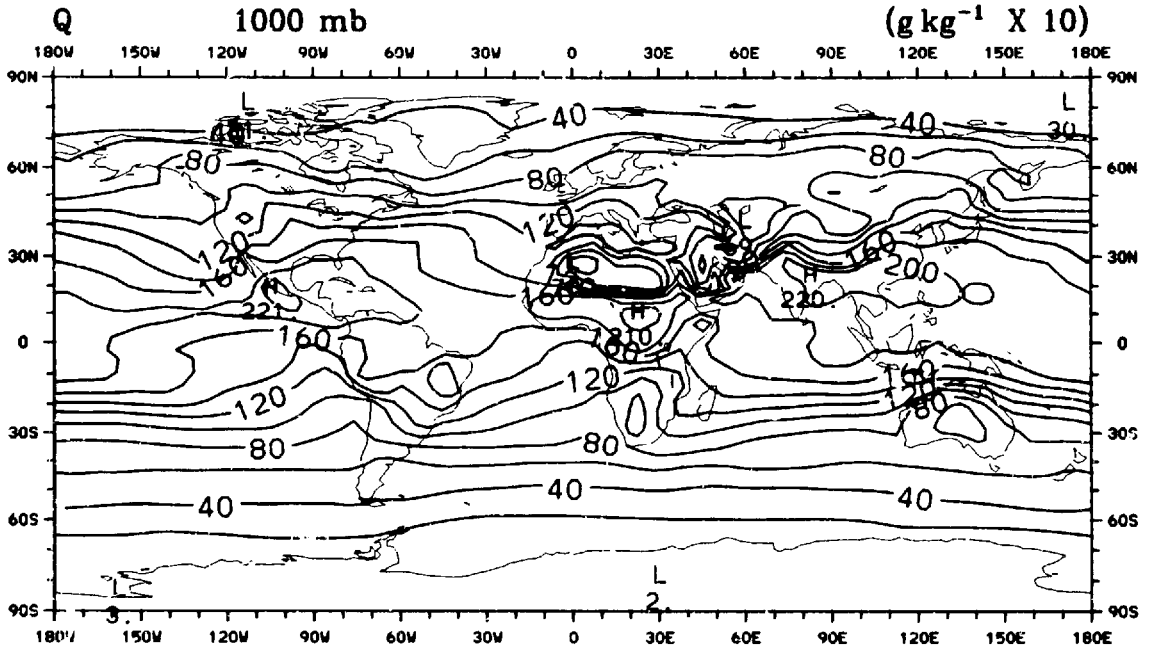

FRAME 1.34

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.35

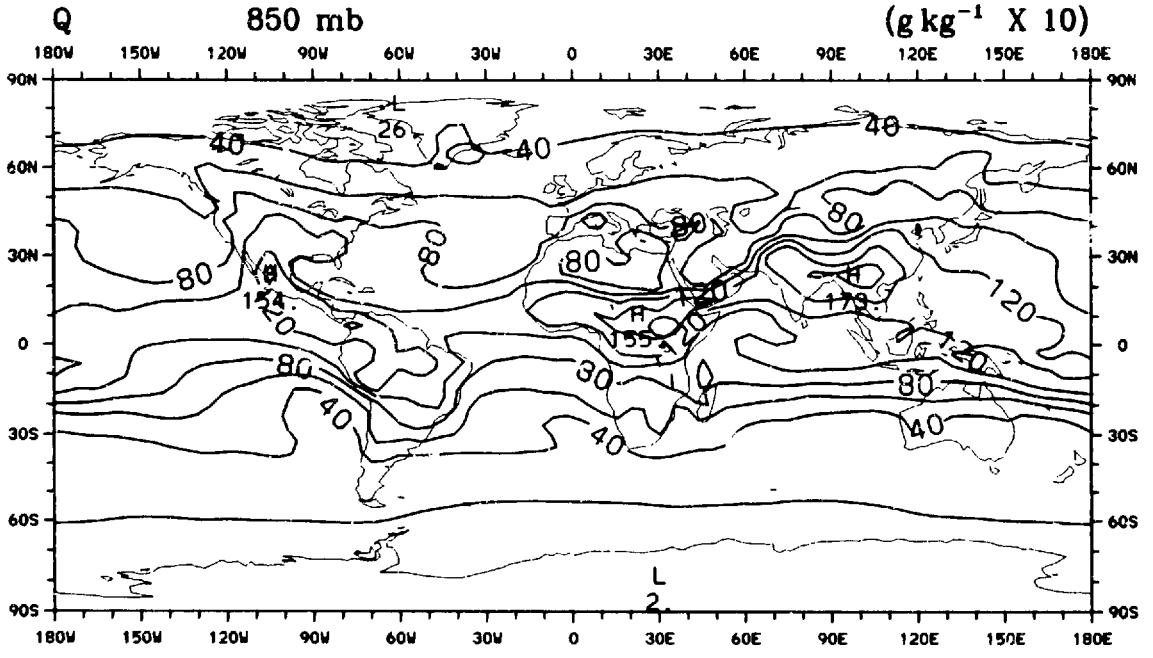
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.22000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.34040E-03 LABELS SCALED BY 10000.

FRAME 1,30

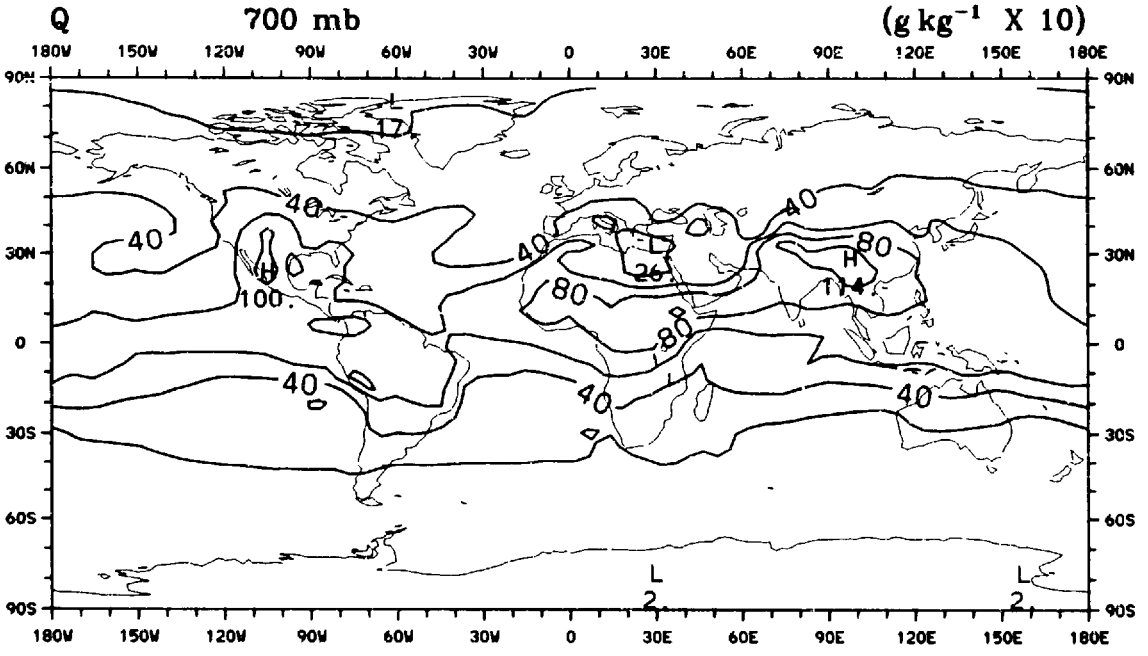
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.40761E-03 LABELS SCALED BY 10000.

FRAME 1.37

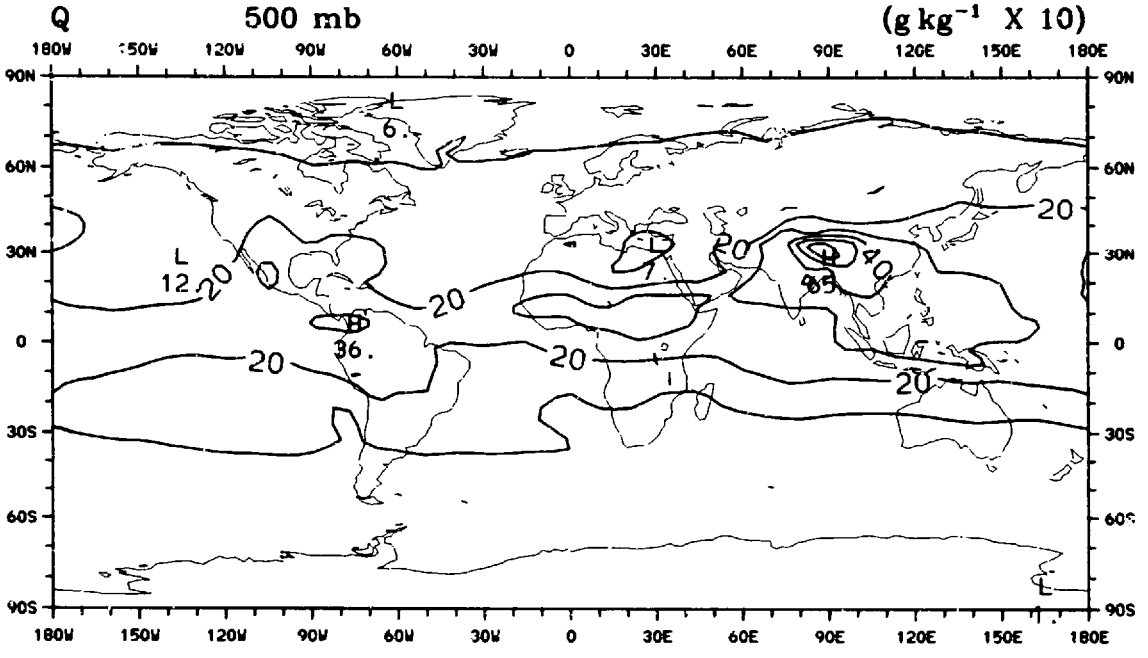
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.29309E-03 LABELS SCALED BY 10000.

FRAME 1.38

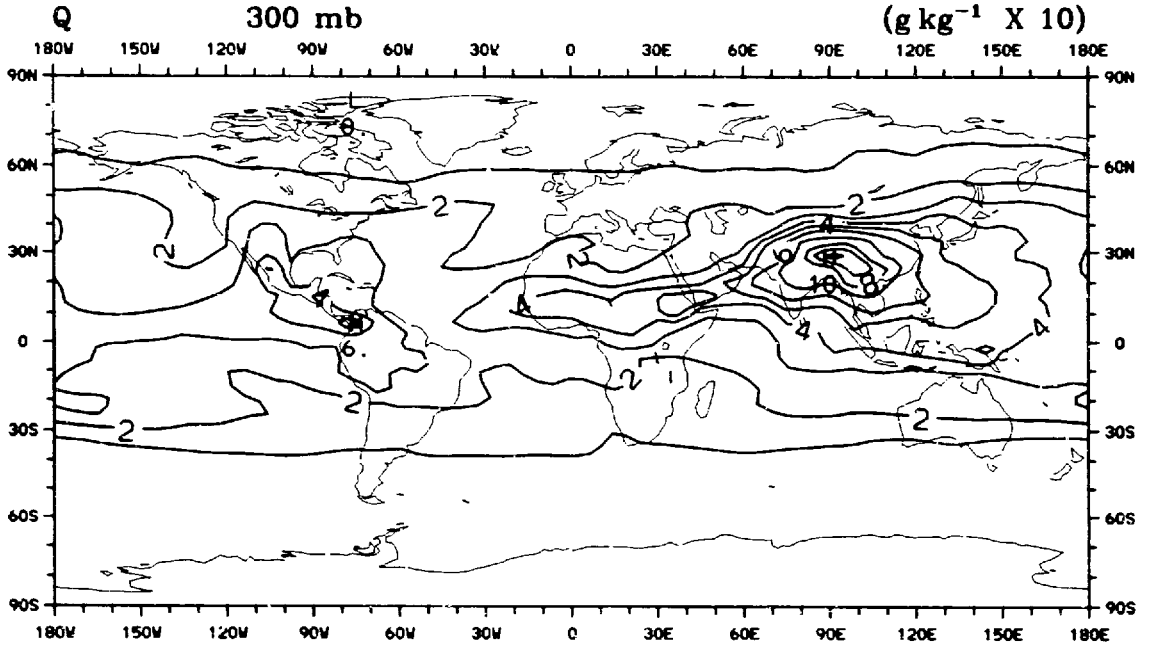
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.60000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.10783E-03 LABELS SCALED BY 10000.

FRAME 1.39

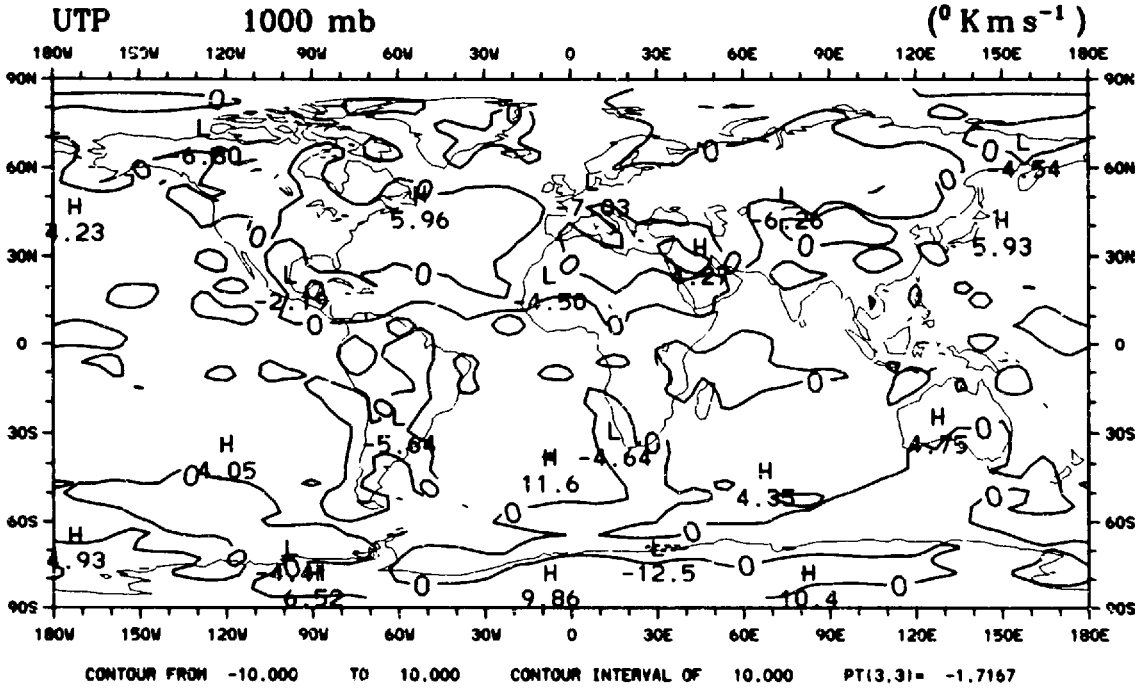
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000E-02 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.12188E-04 LABELS SCALED BY 10000.

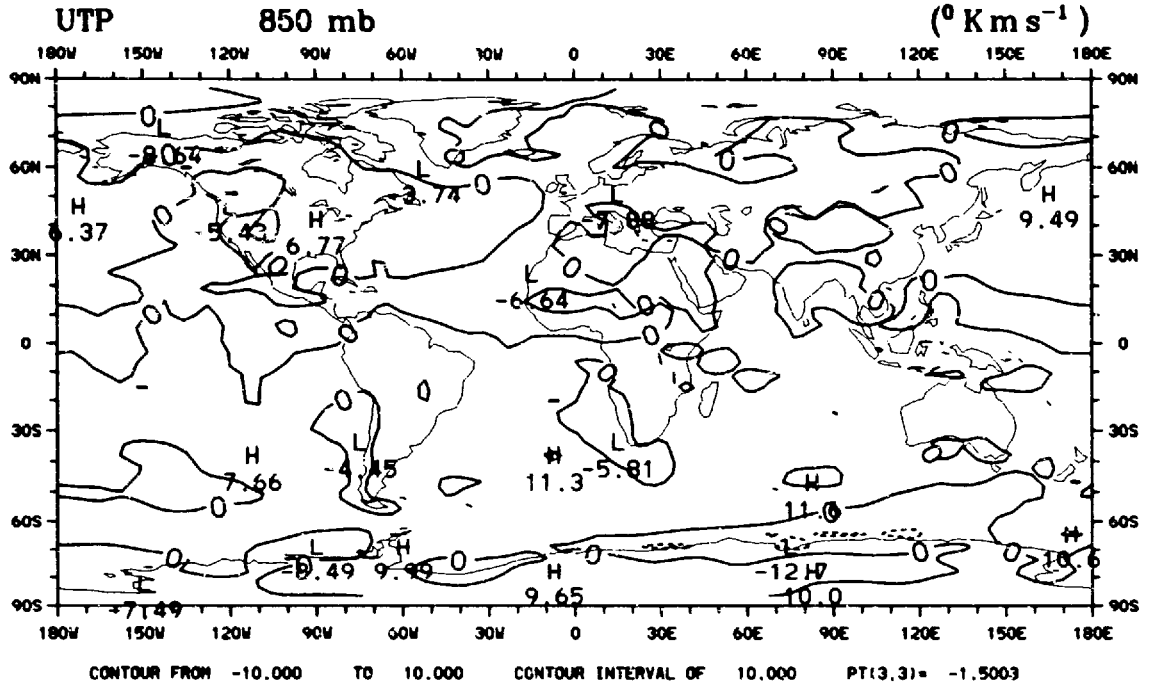
FRAME 1.40

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



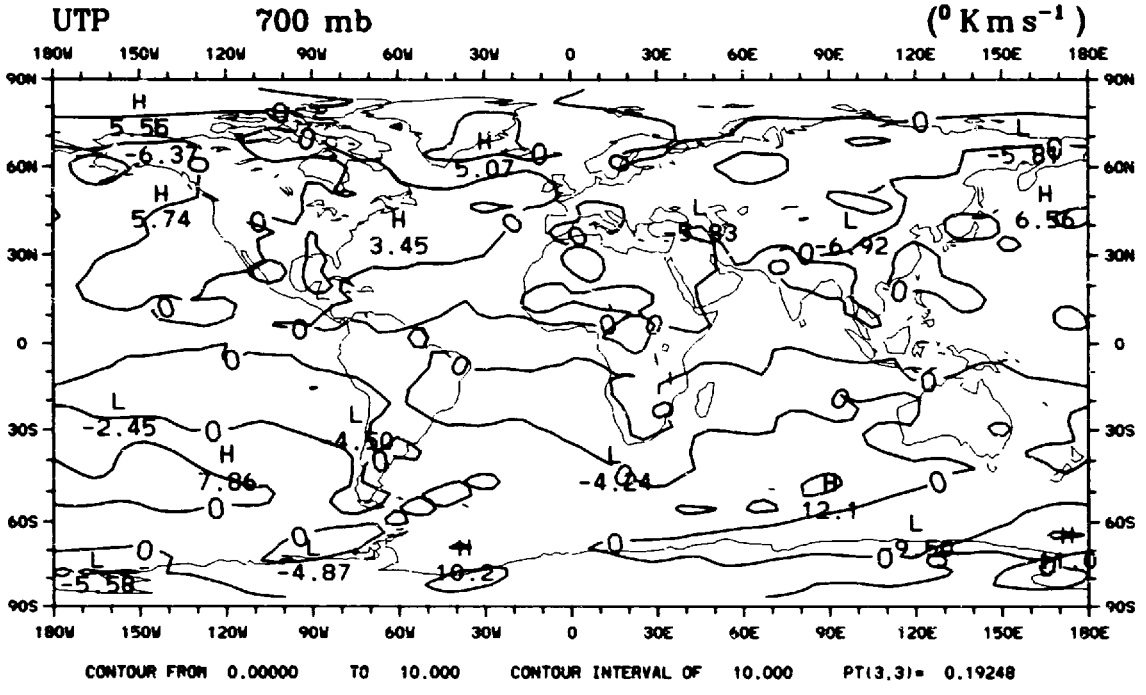

FRAME 1.41

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



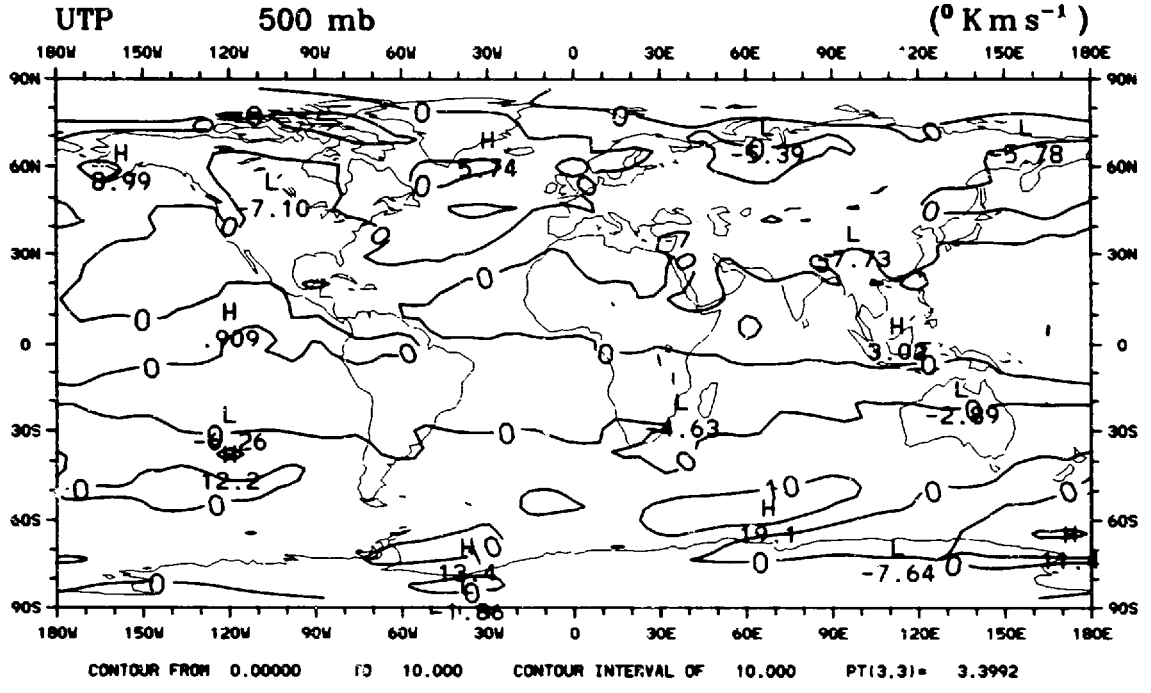

FRAME 1.42

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



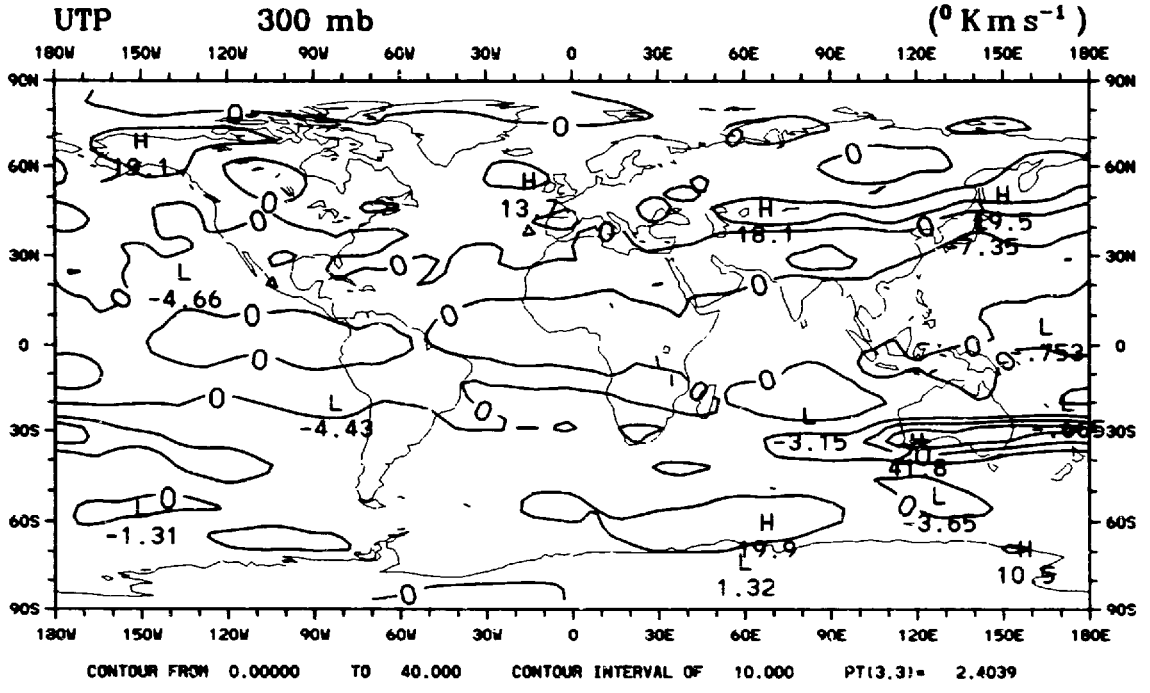

FRAME 1.43

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



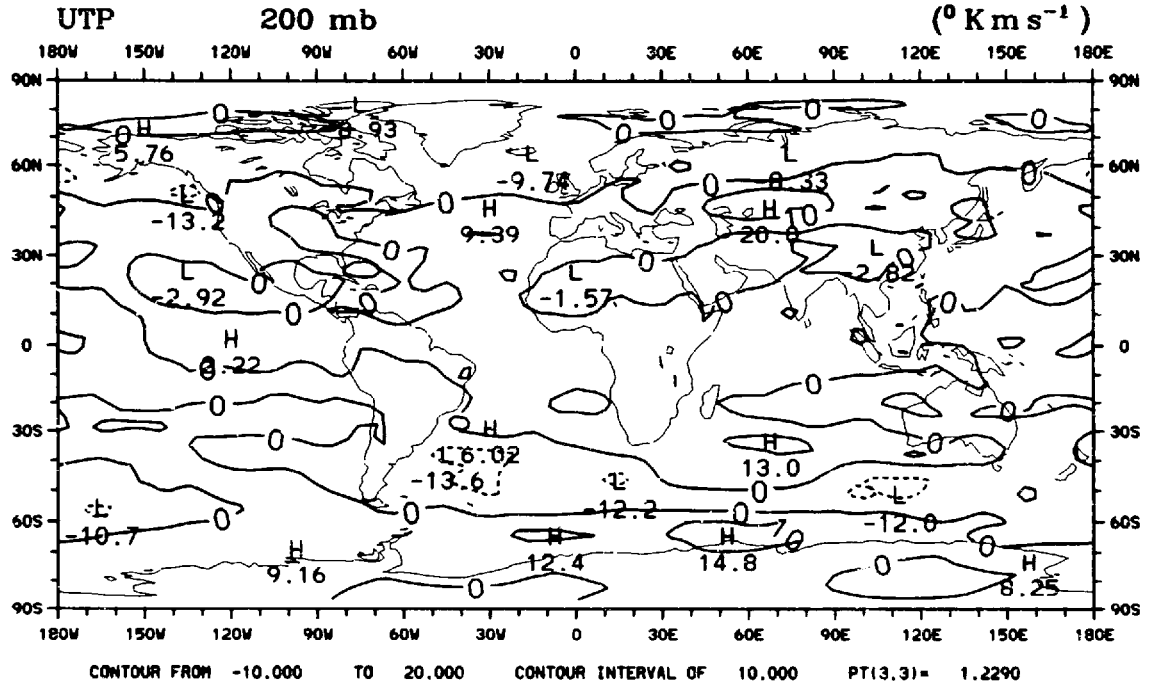

FRAME 1.44

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



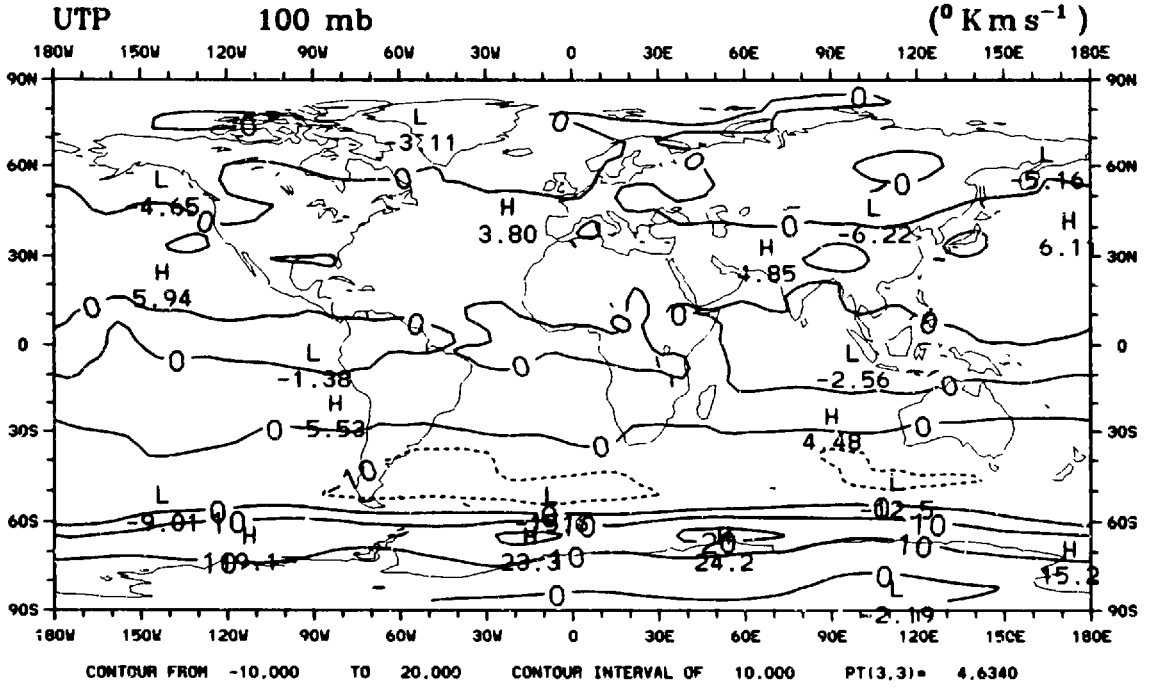

FRAME 1.45

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



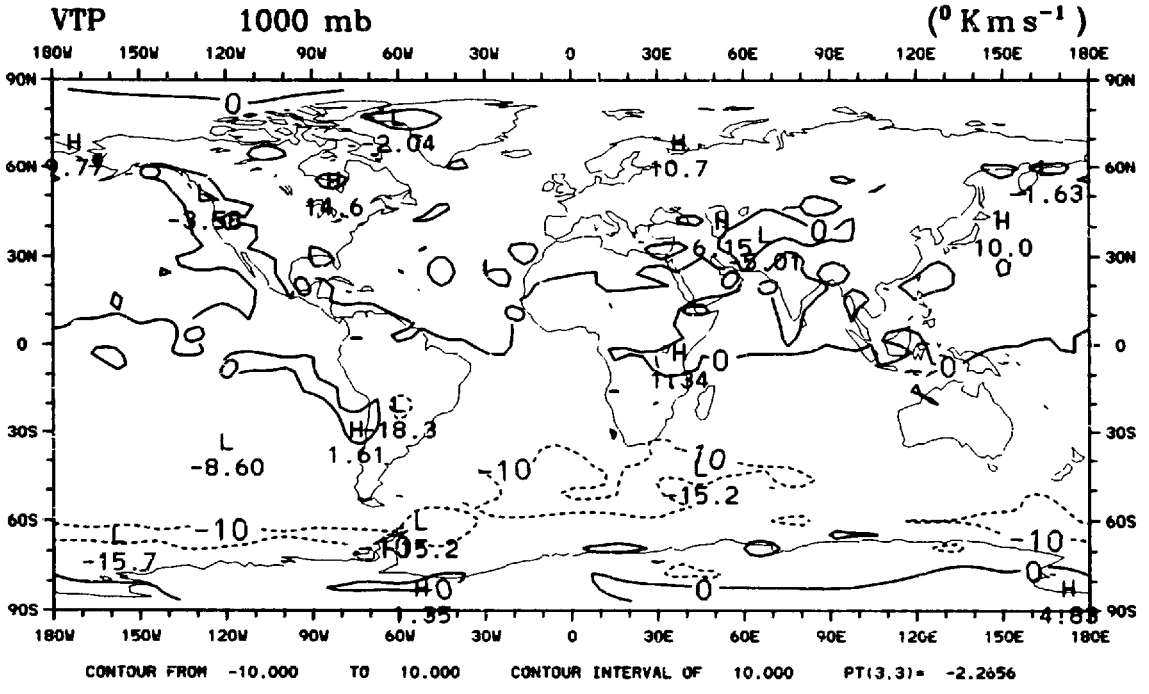

FRAME 1.46

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



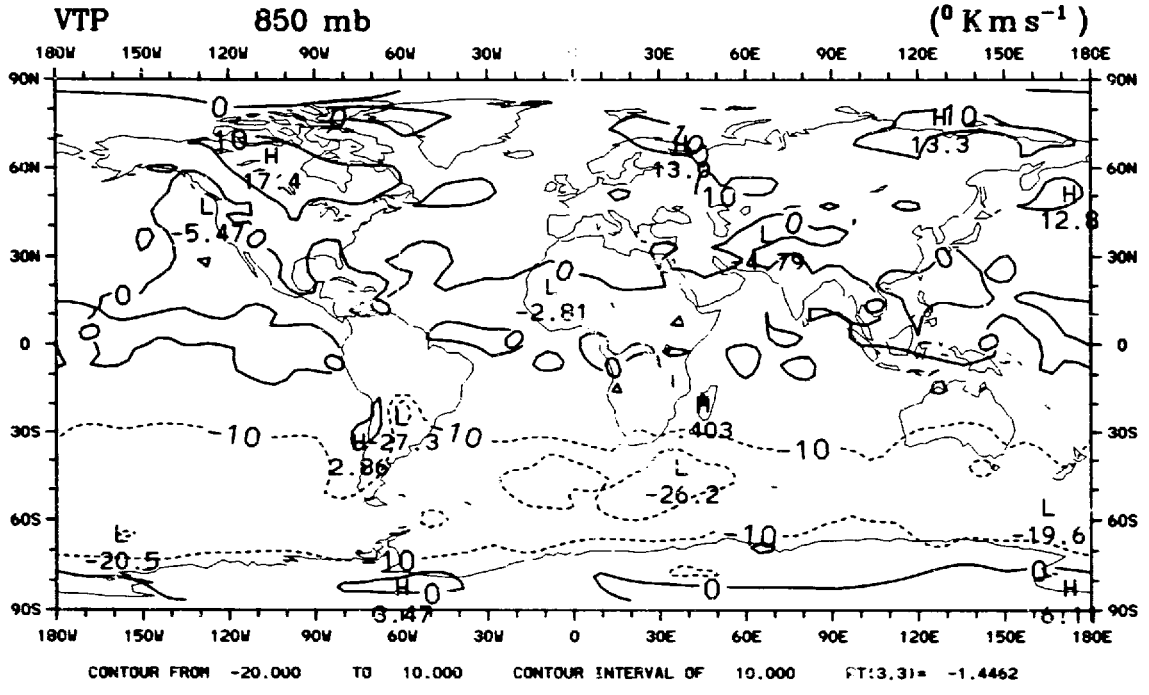

FRAME 1.47

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



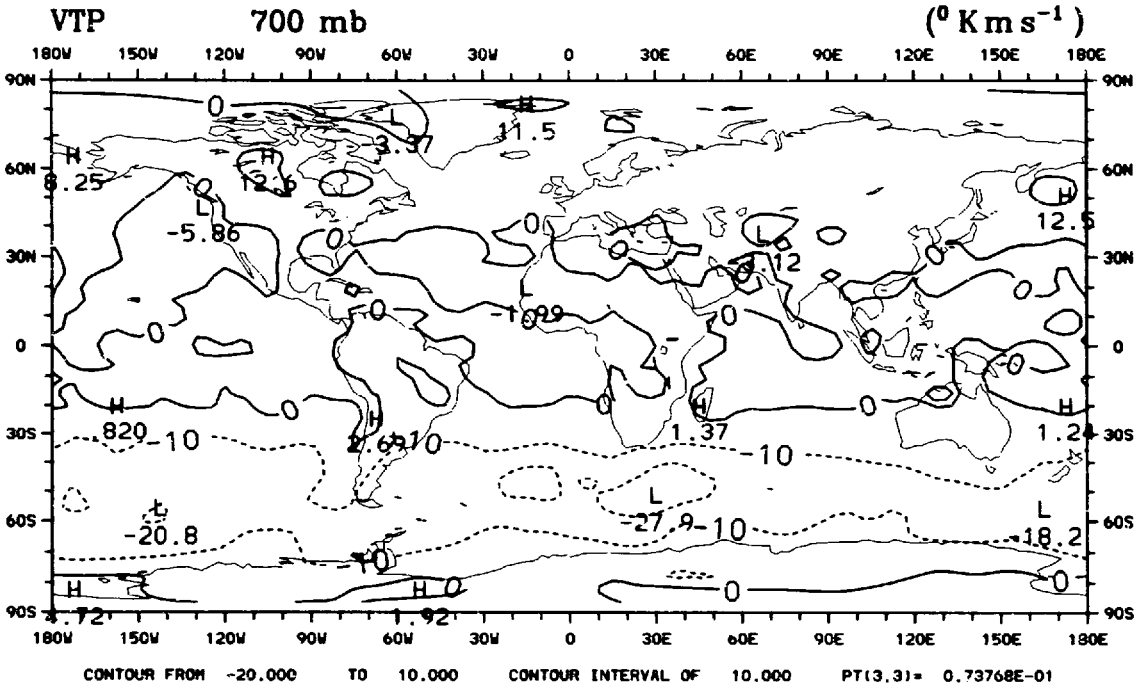

FRAME 1.48

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



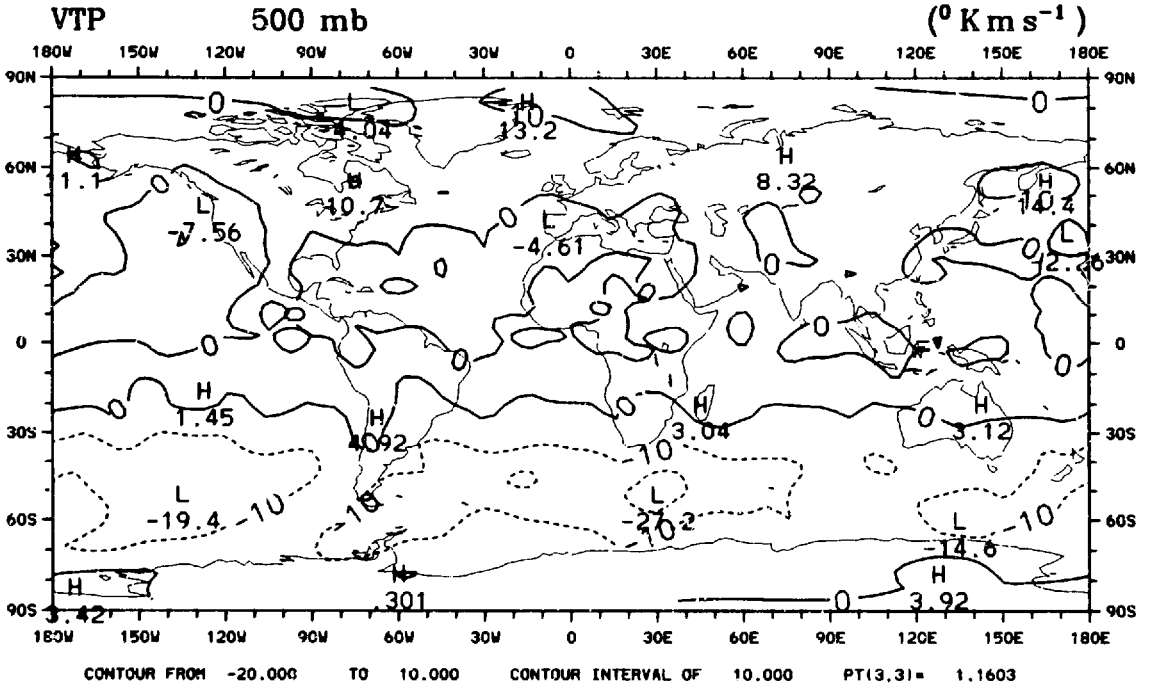

FRAME 1.49

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



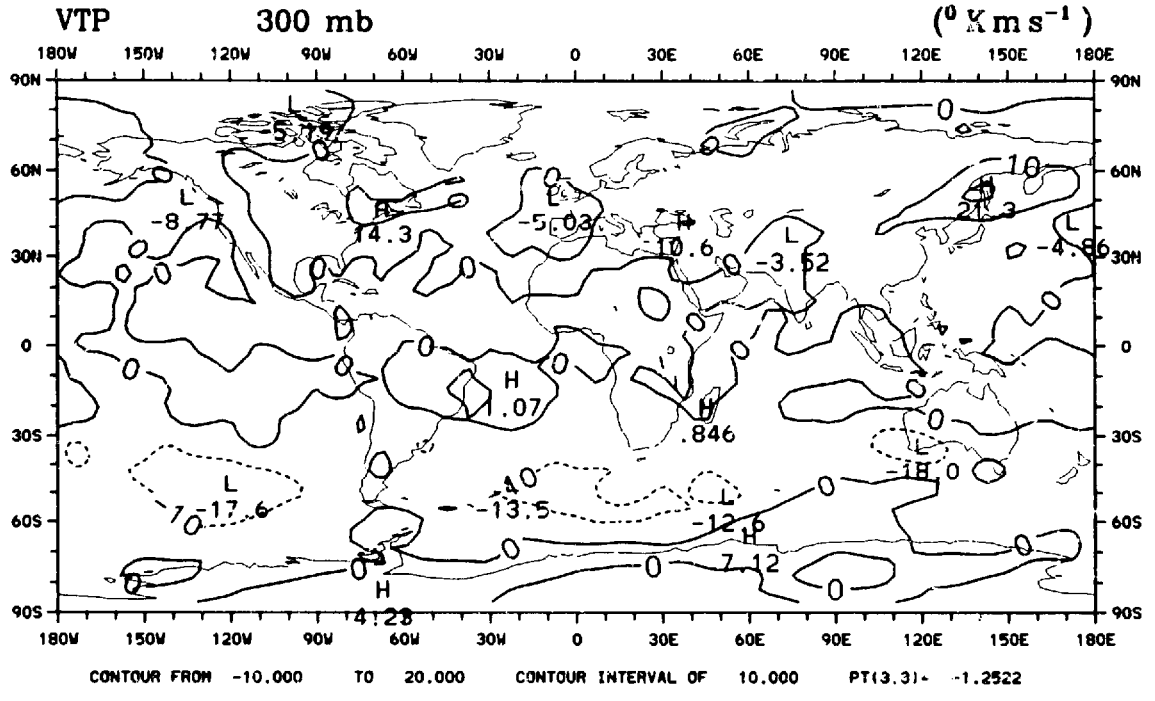

FRAME 1.50

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



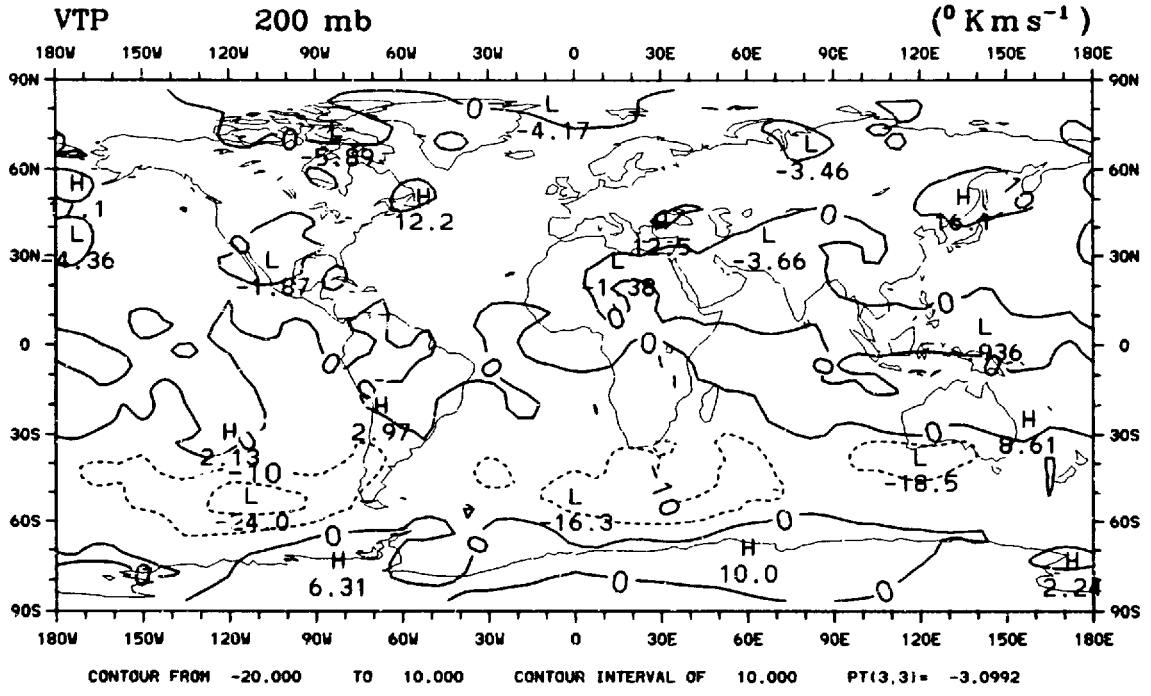

FRAME 1.51

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



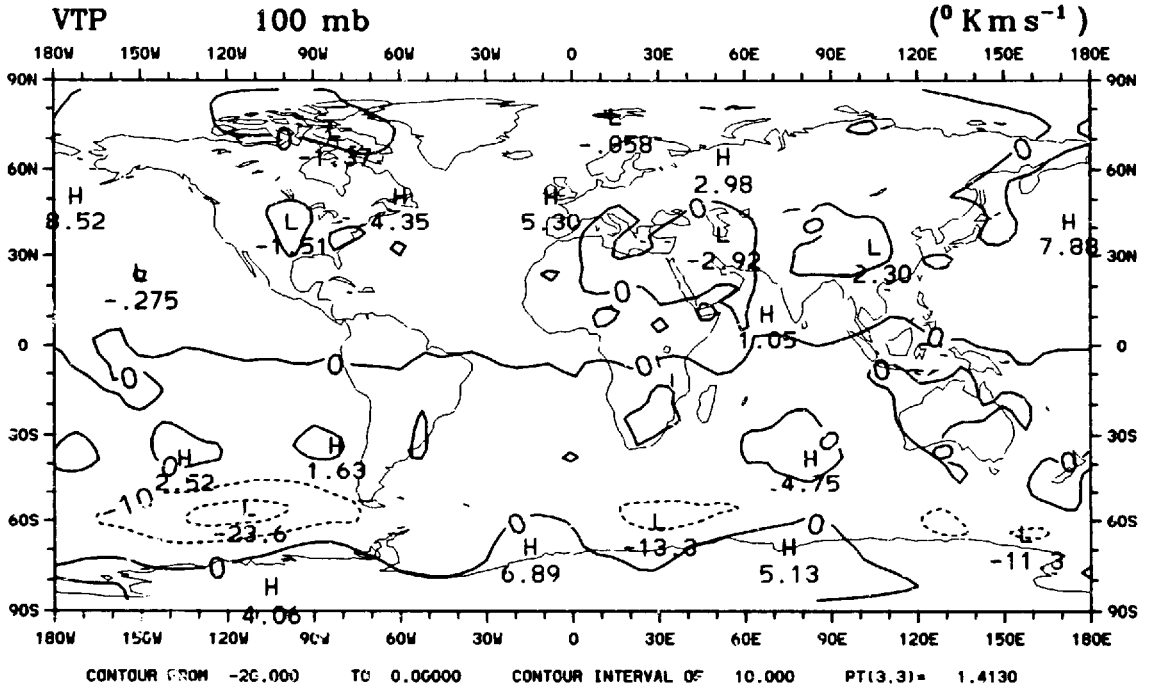

FRAME 1.52

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



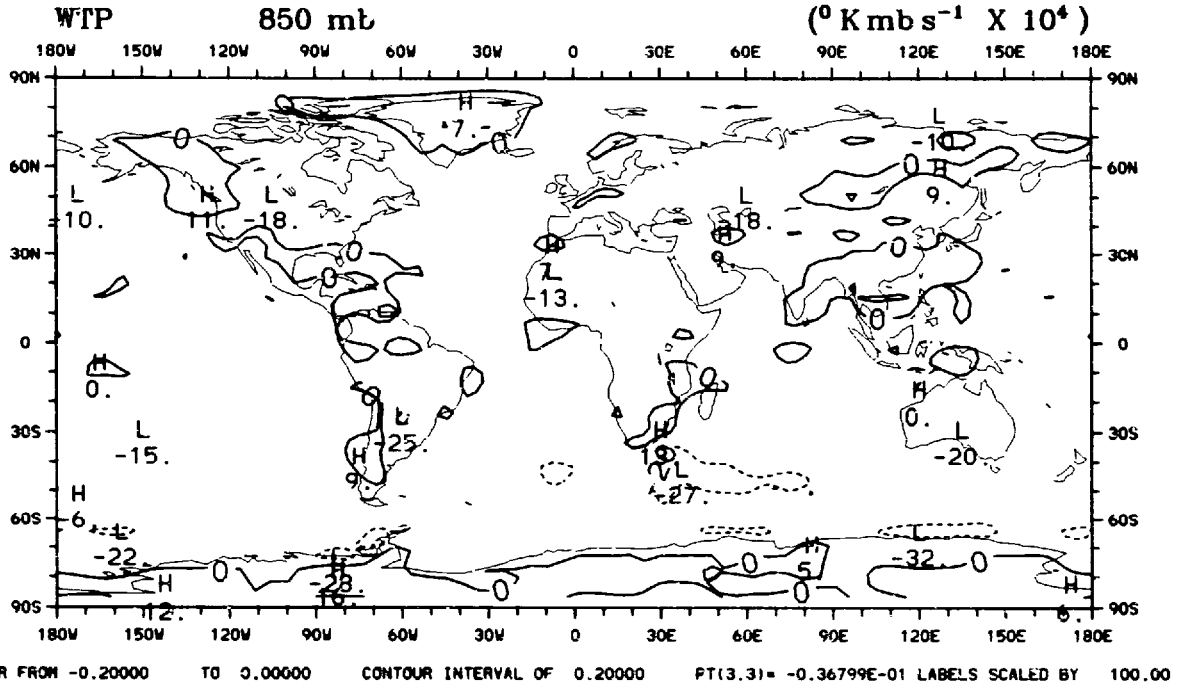

FRAME 1.53

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.54

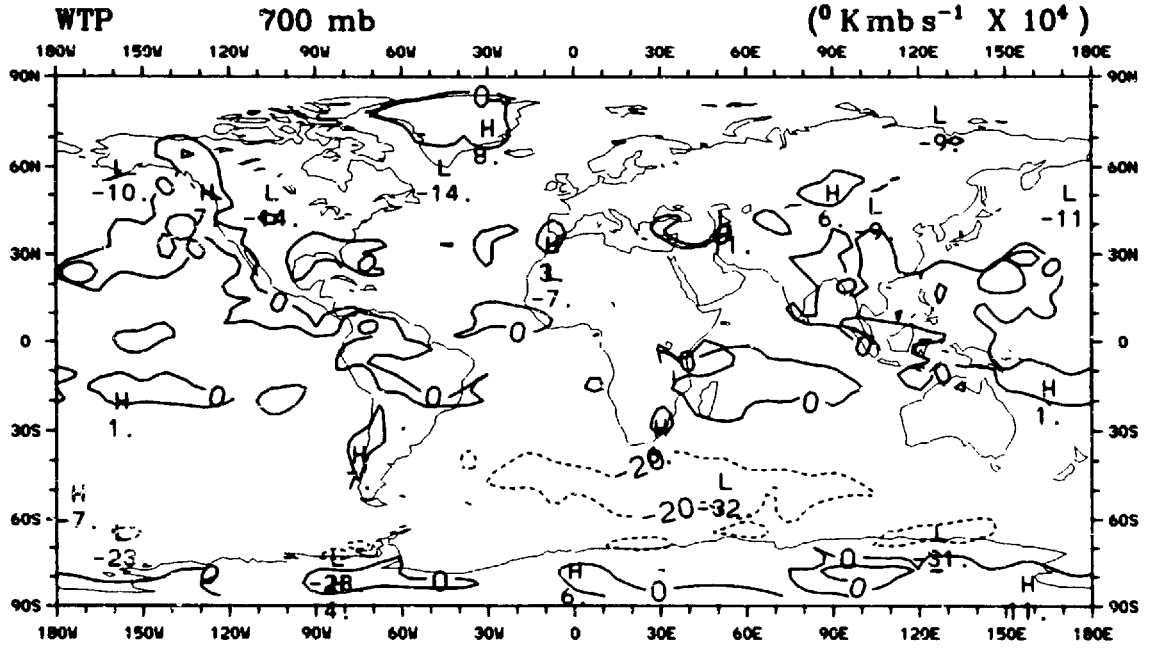
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.36799E-01 LABELS SCALED BY 100.00

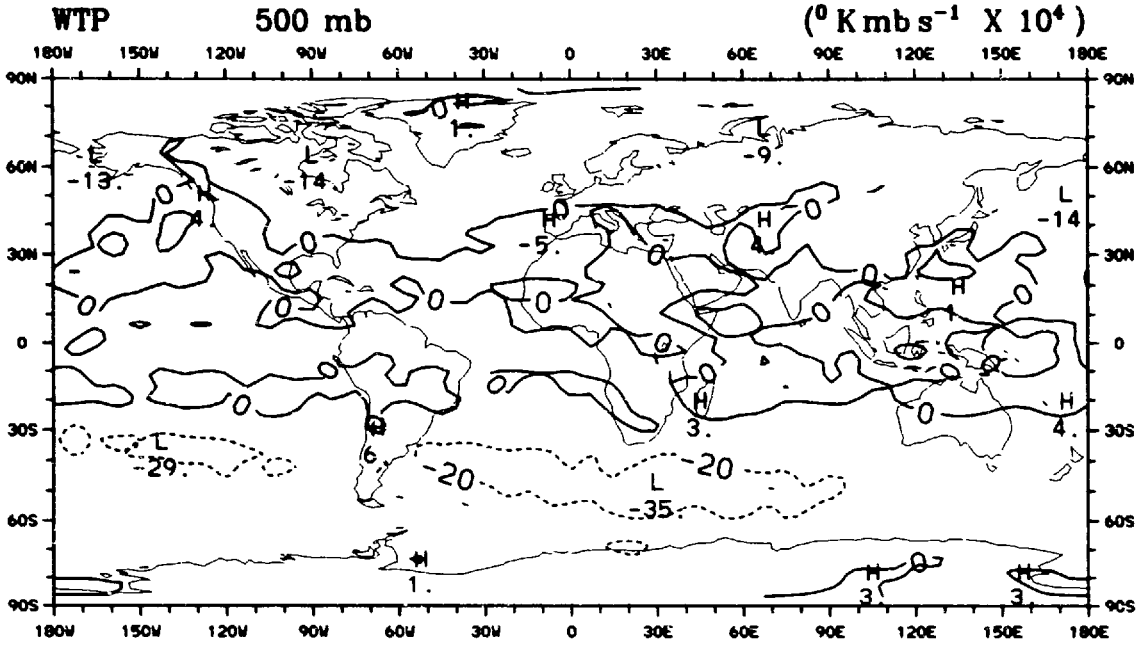
FRAME 1.55

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



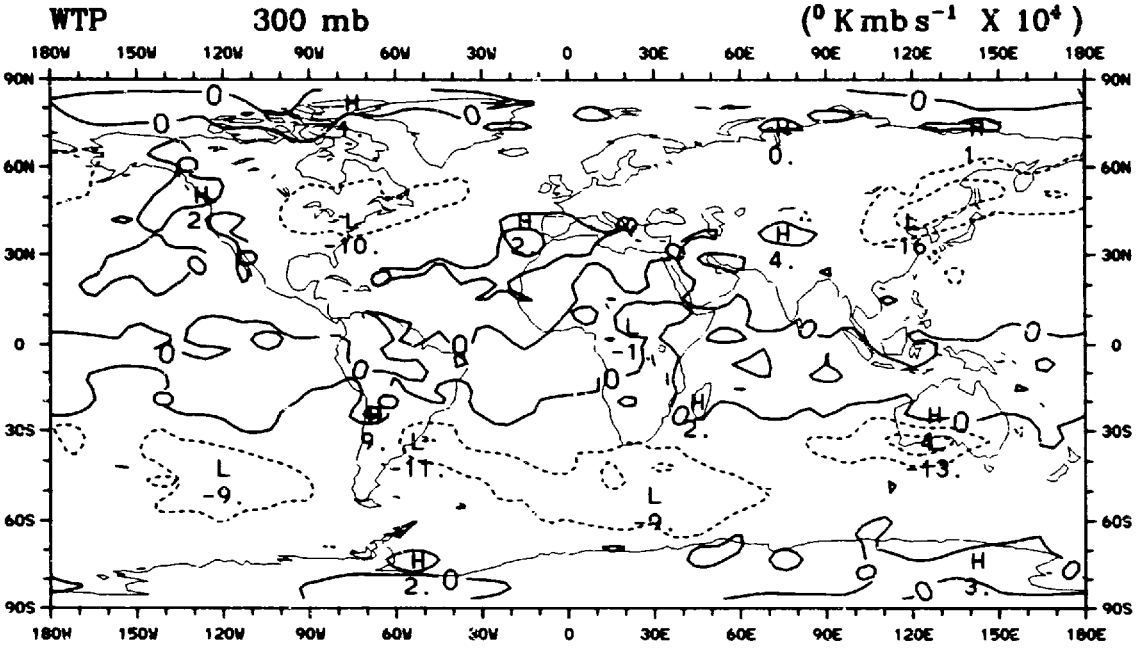

FRAME 1.56

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.57

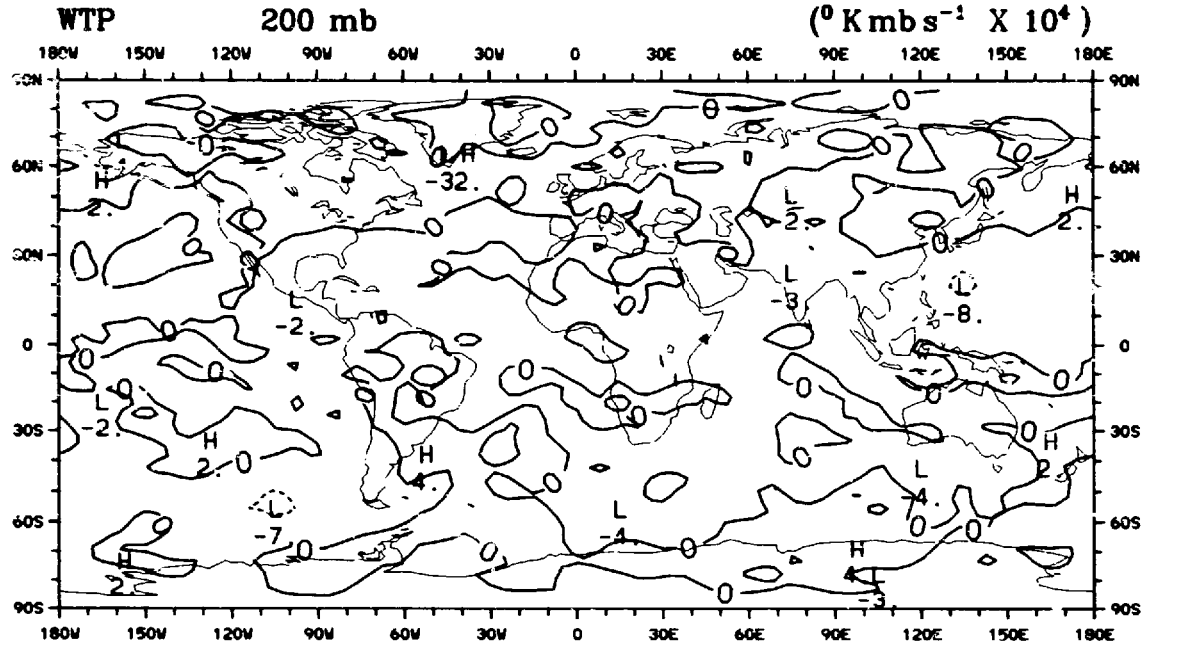
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.26561E-01 LABELS SCALED BY 100.00

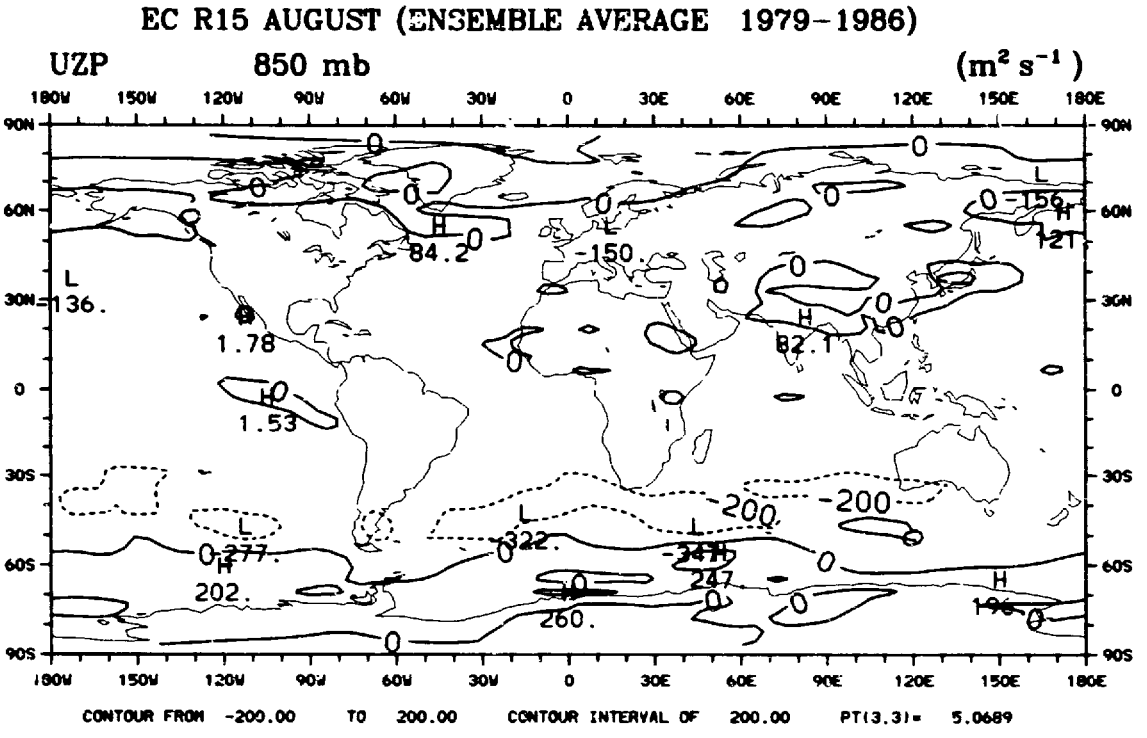
FRAME 1.58

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

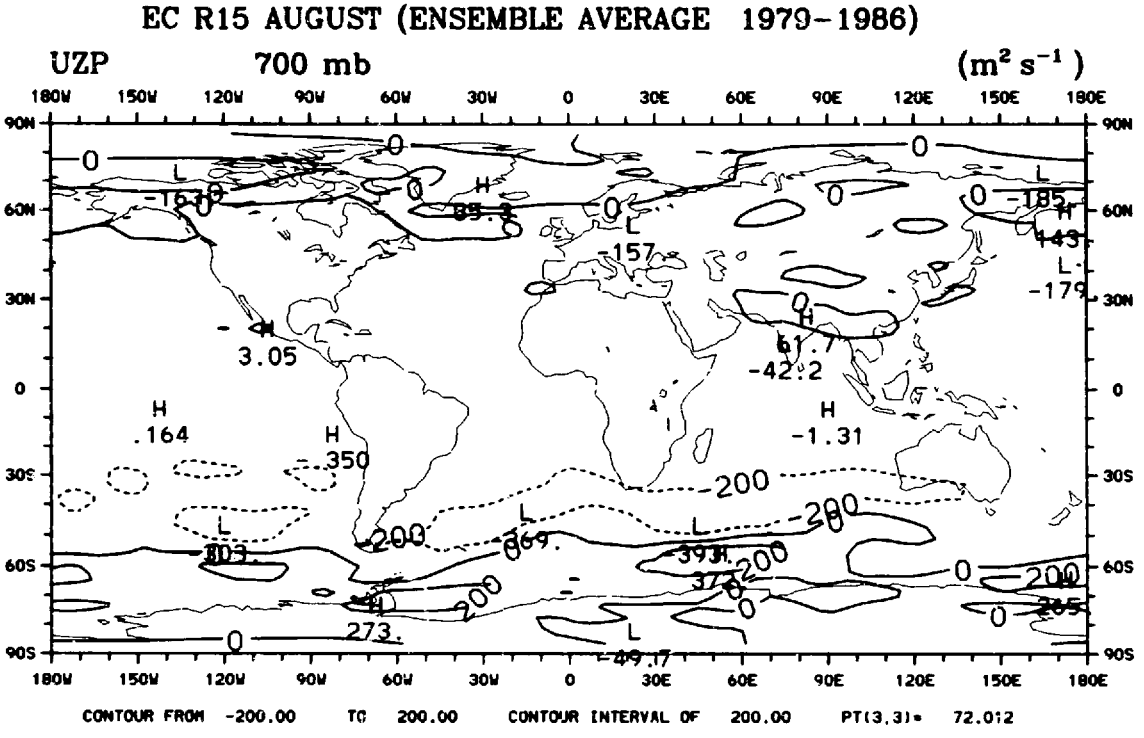



CONTOUR FROM -0.50000E-01 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.34333E-01 LABELS SCALED BY 100.00

FRAME 1.59

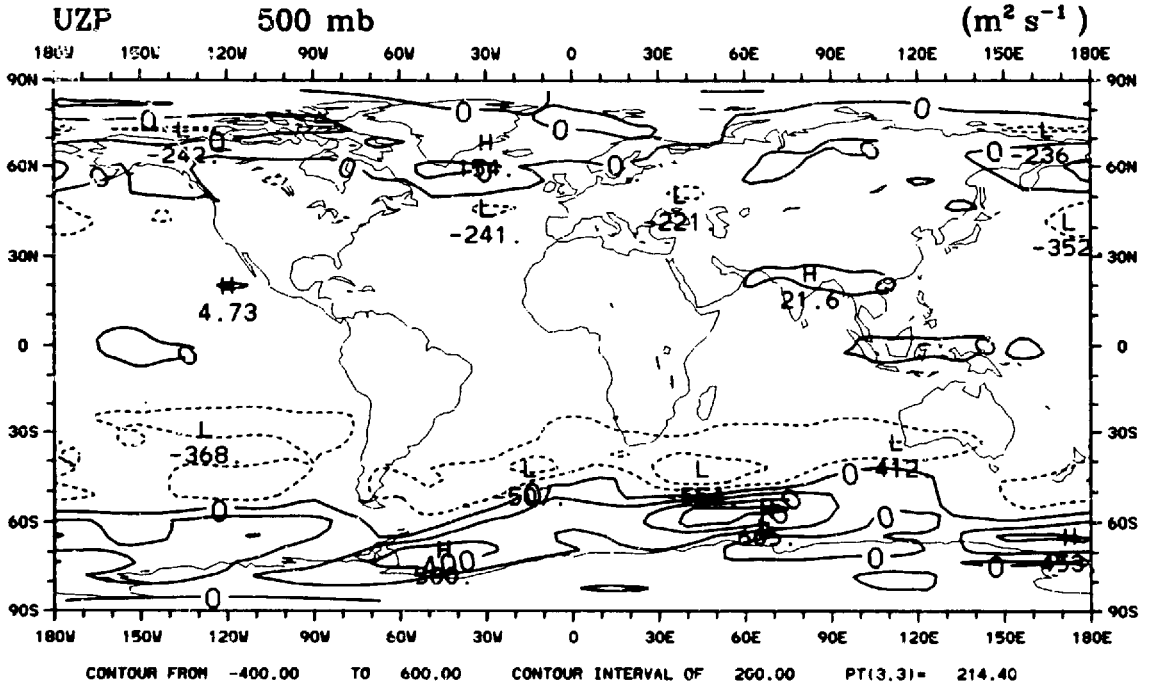

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
UZP
850 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
84.2
-150.
136.
1.78
1.53
82.1
-200
-322.
-341
247
260.
202.
277.
196
121
156
CONTOUR FROM -200.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 5.0689

FRAME 1.60


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
UZP
700 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -200.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 72.012

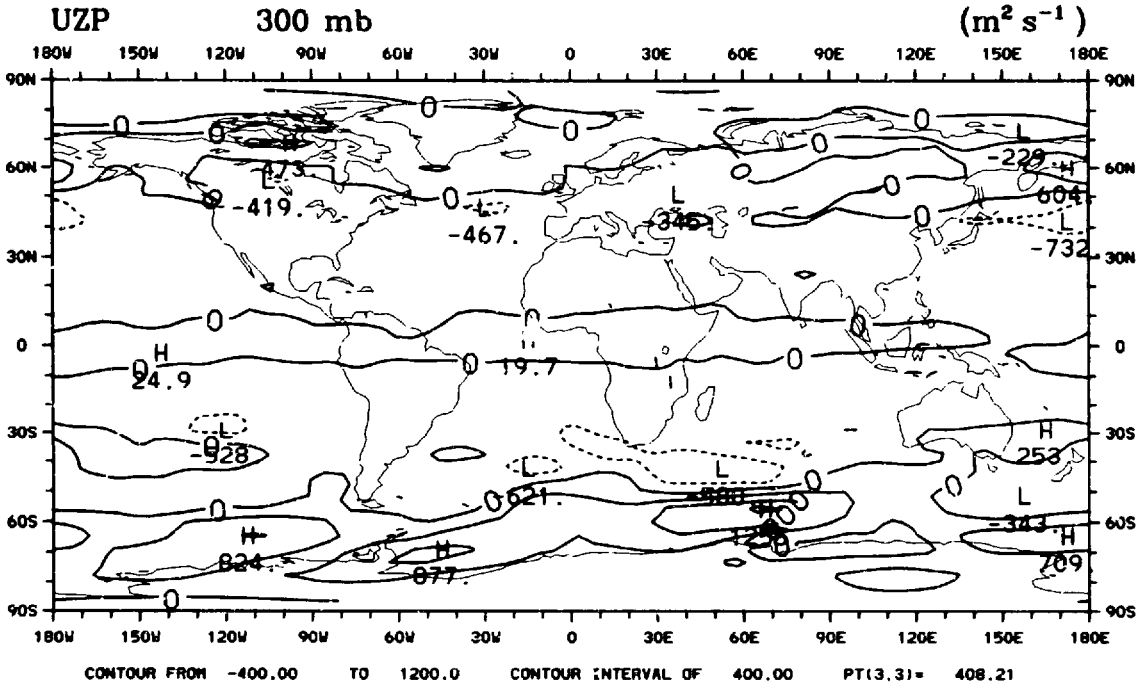
FRAME 1.61

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



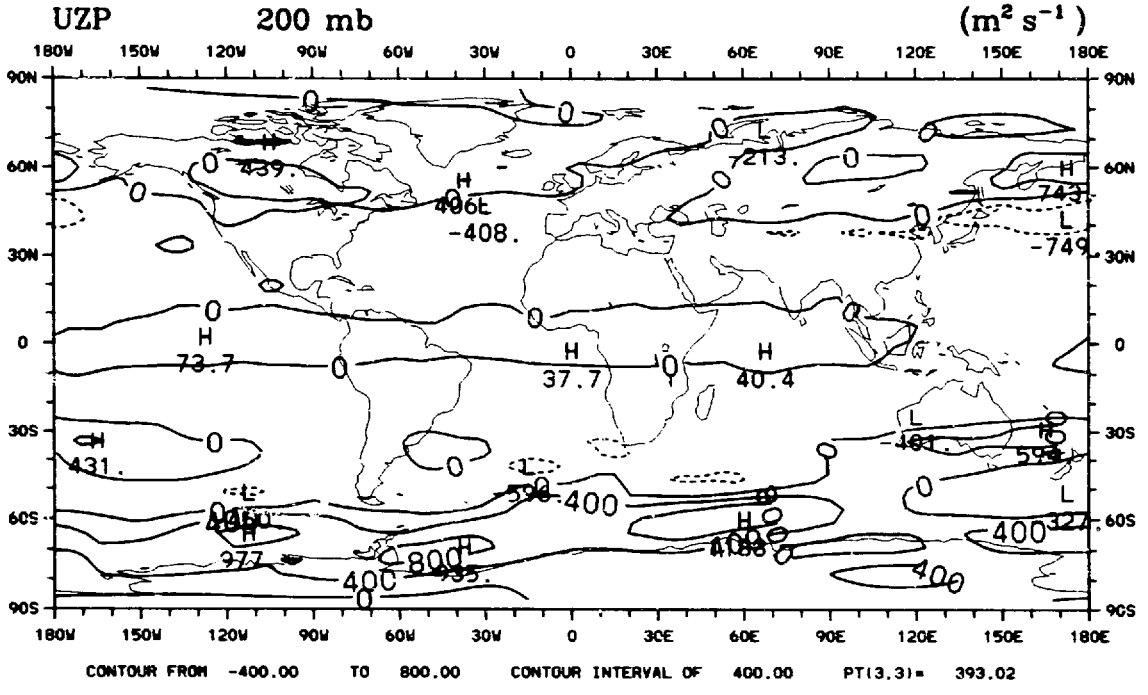

FRAME 1.62

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



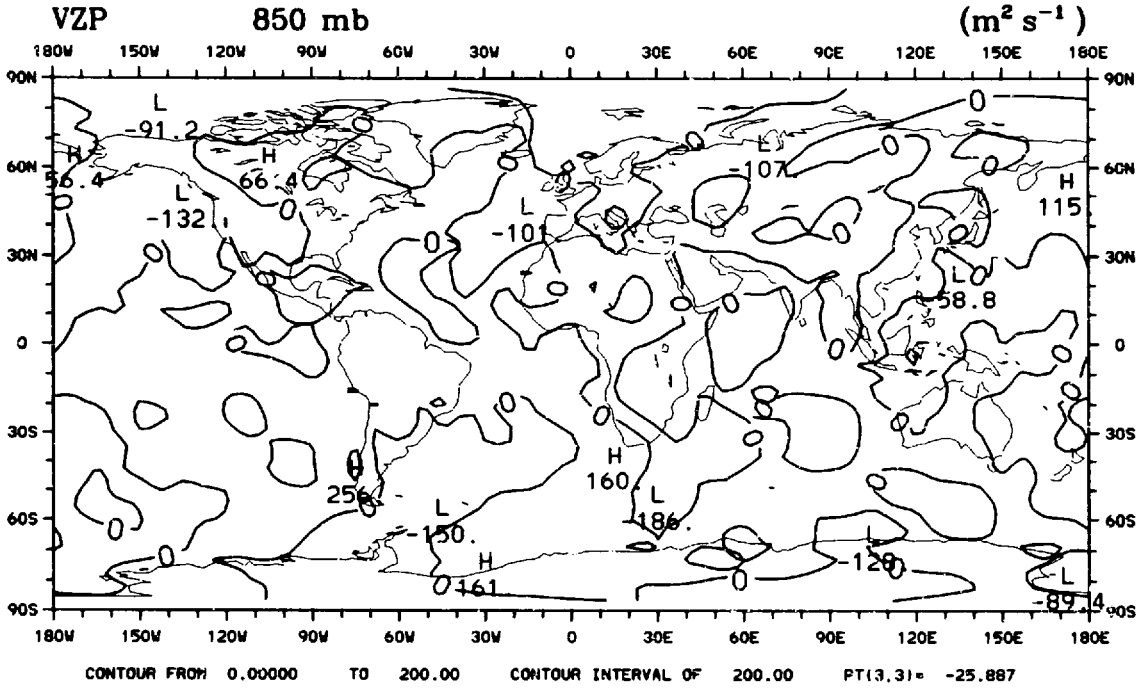

FRAME 1.63

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



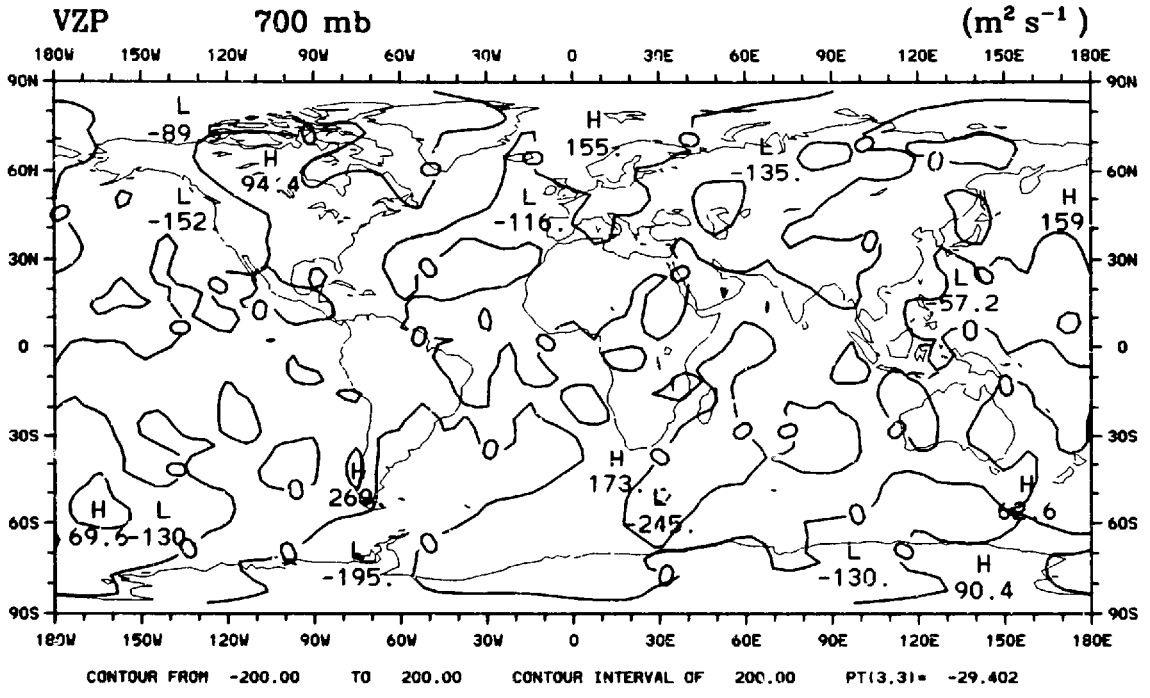

FRAME 1.64

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



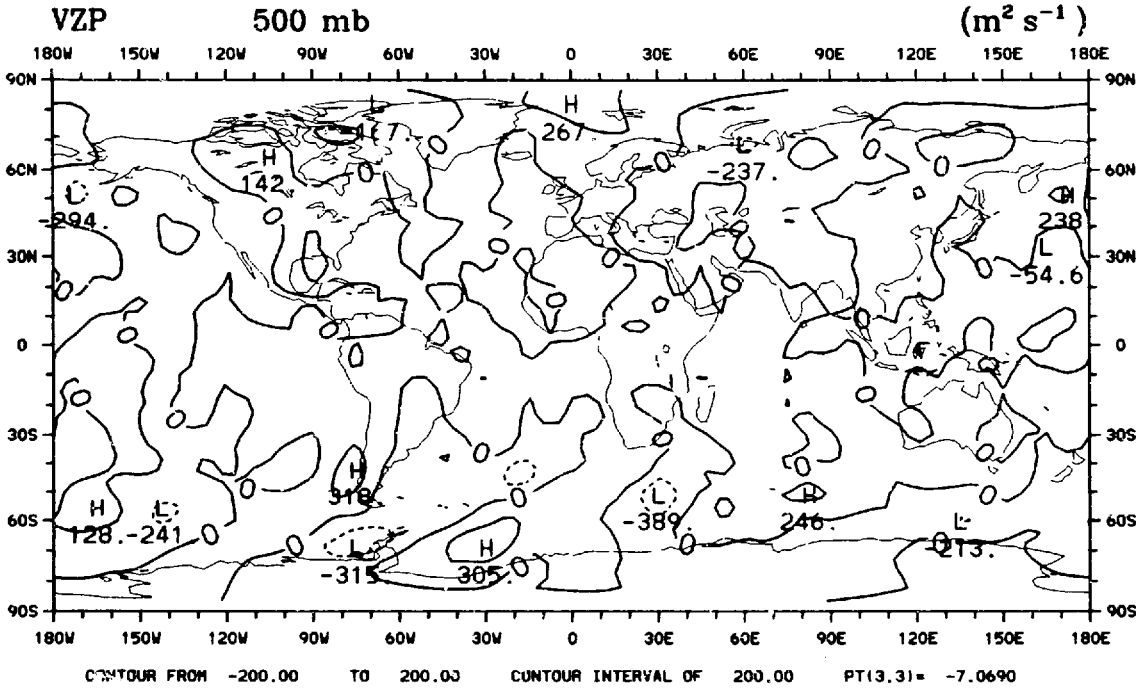

FRAME 1.65

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



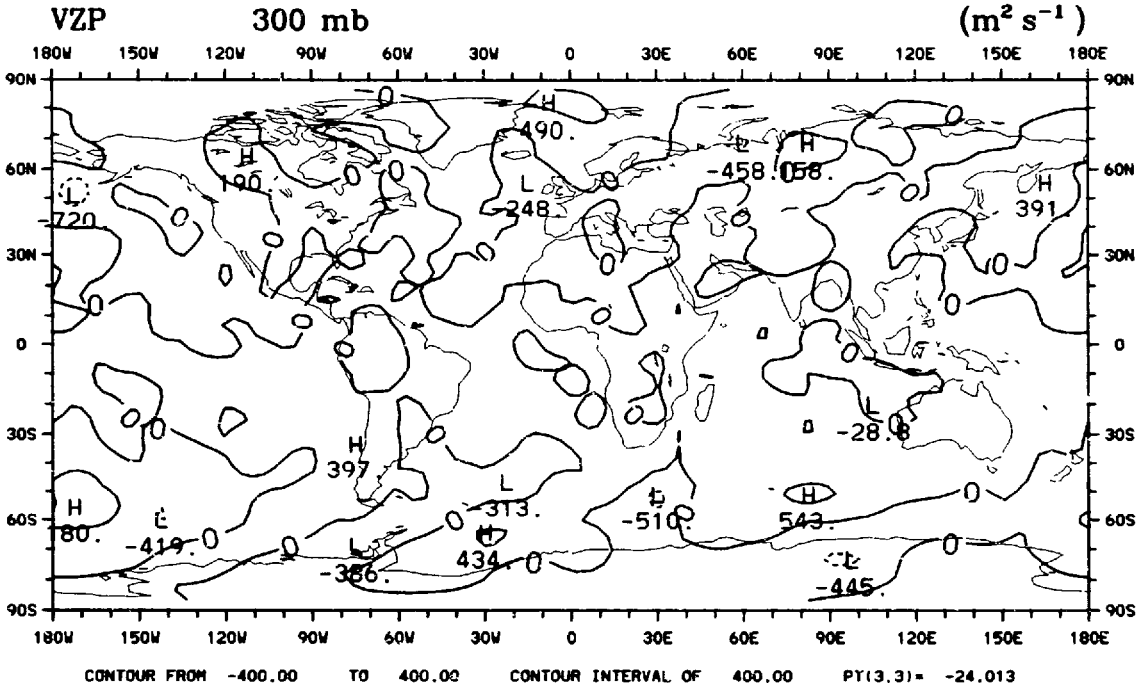

FRAME 1.66

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



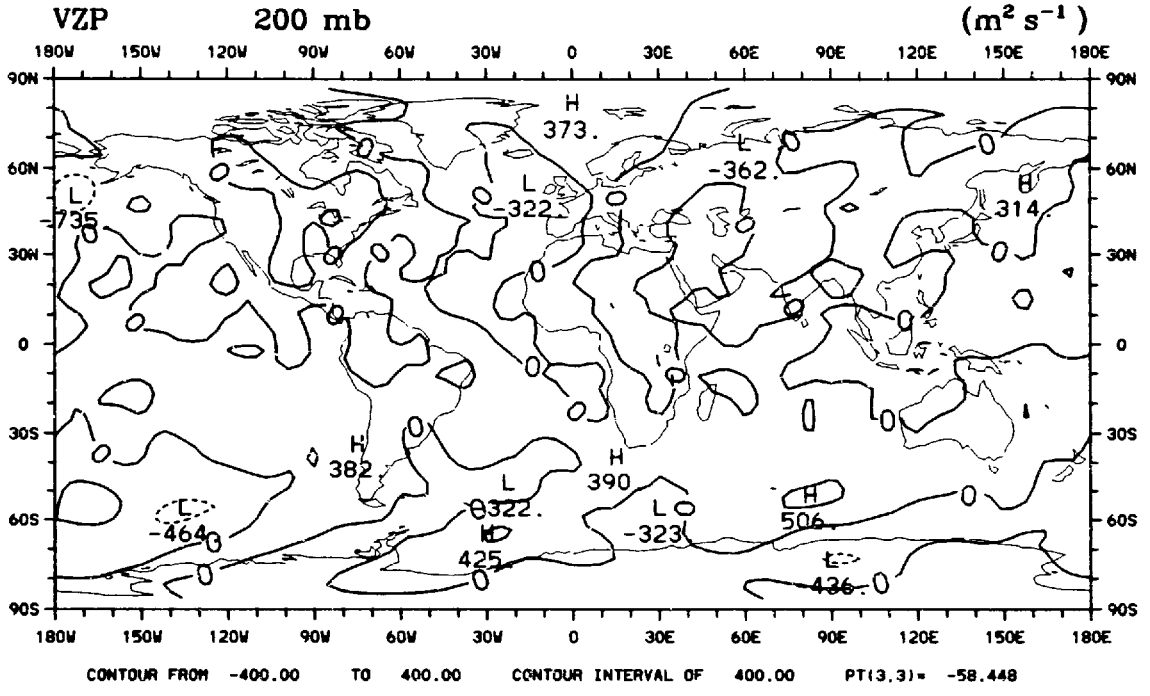

FRAME 1.67

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



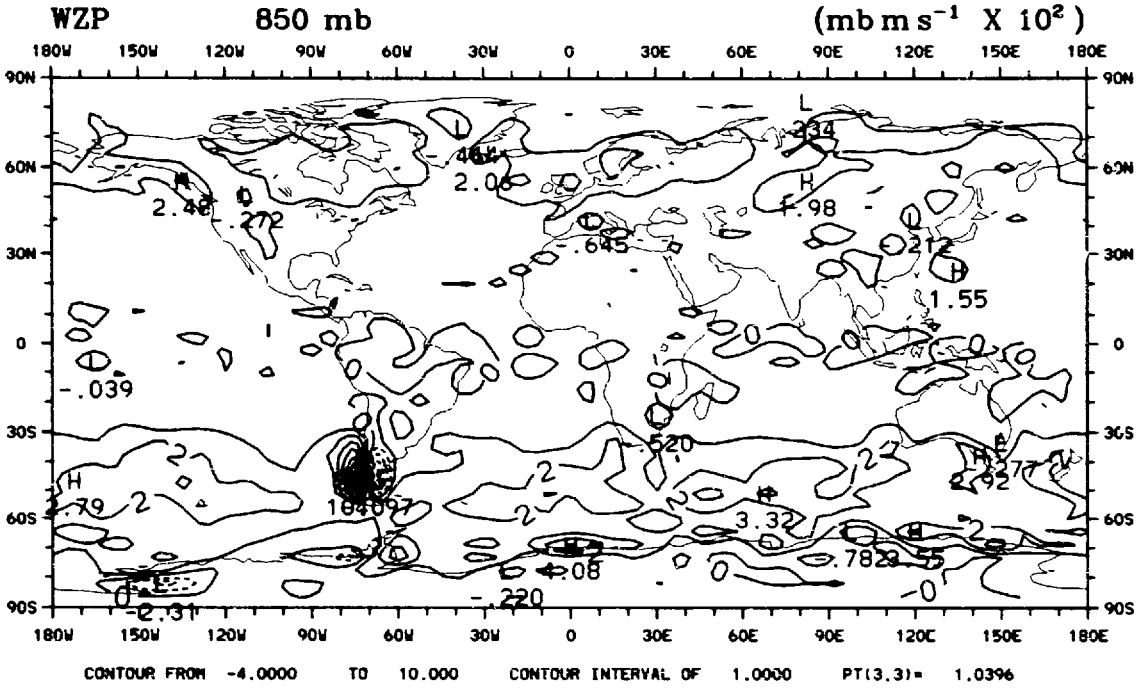

FRAME 1.68

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



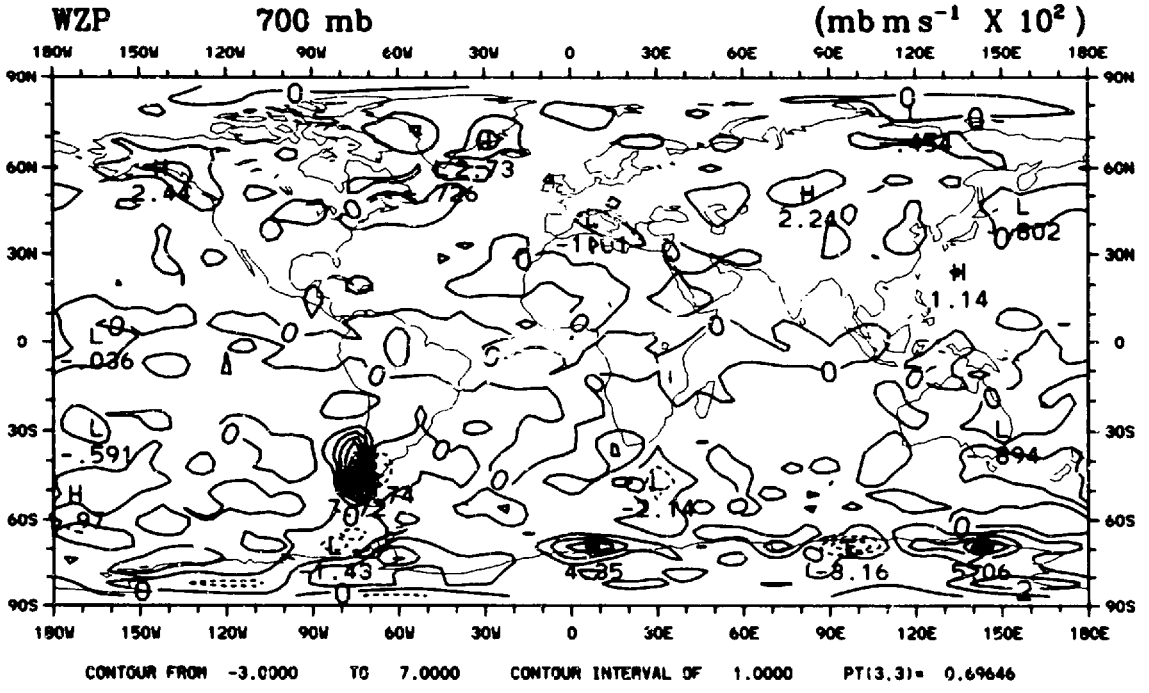

FRAME 1.69

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



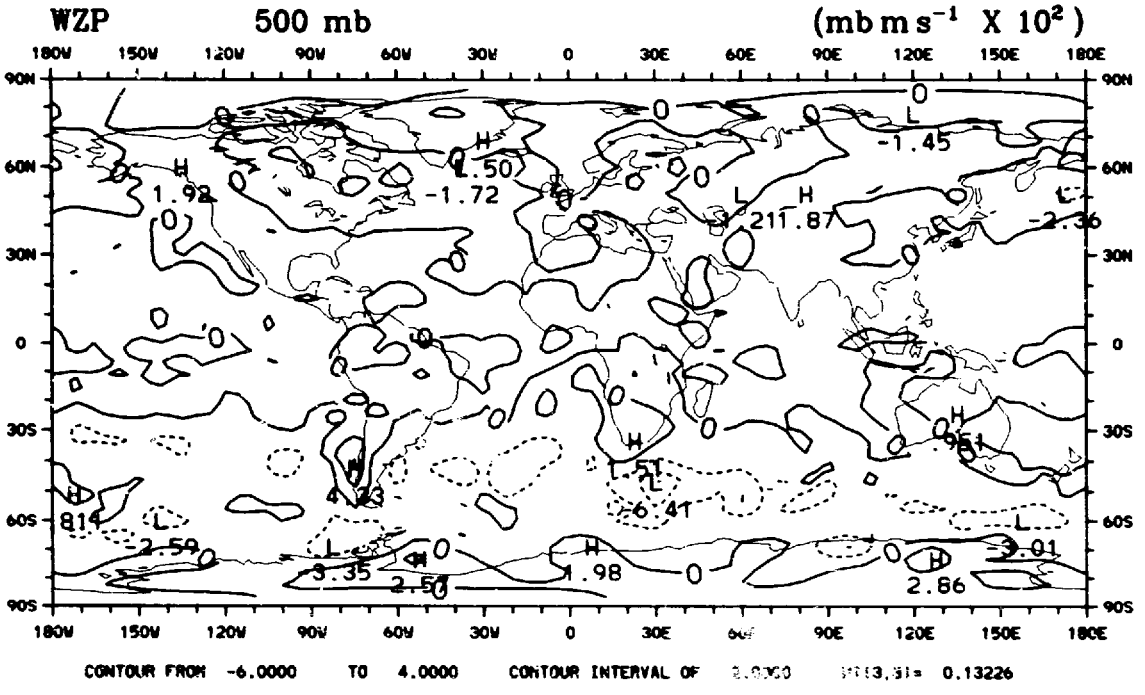

FRAME 1.70

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



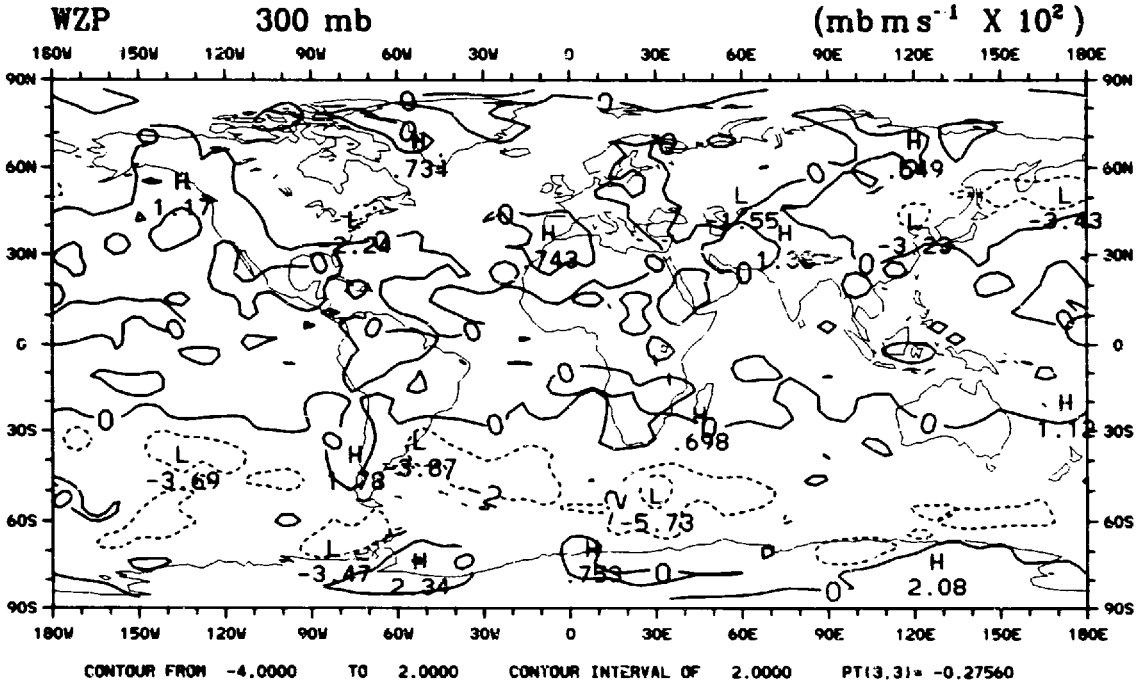

FRAME 1.71

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



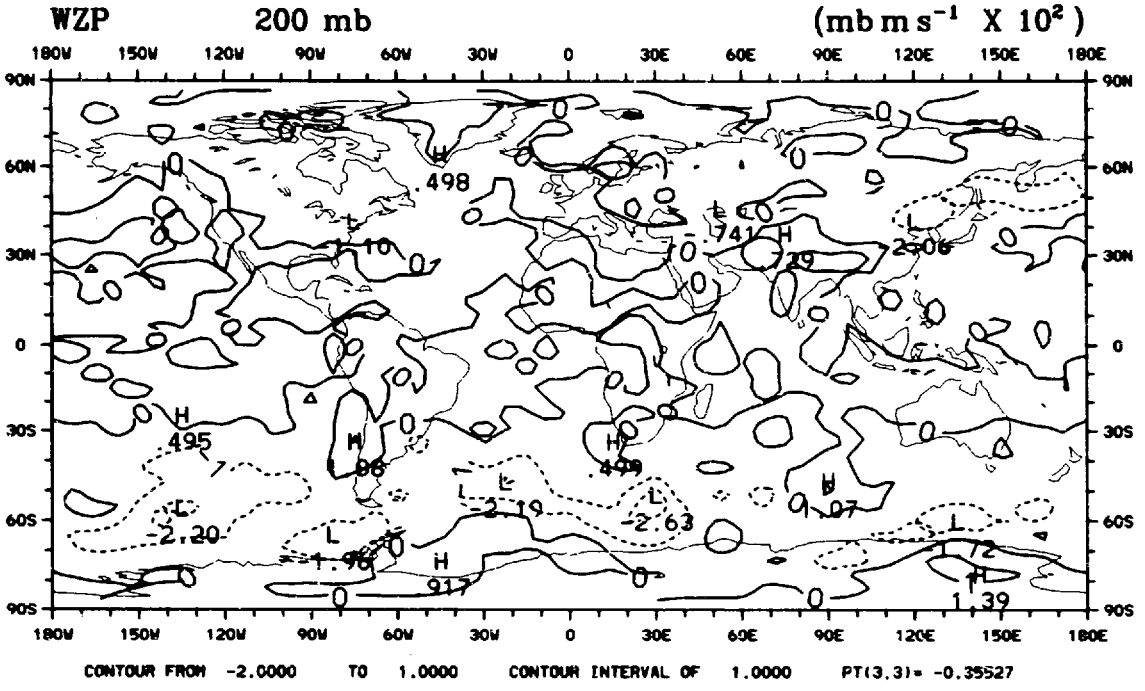

FRAME 1.72

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



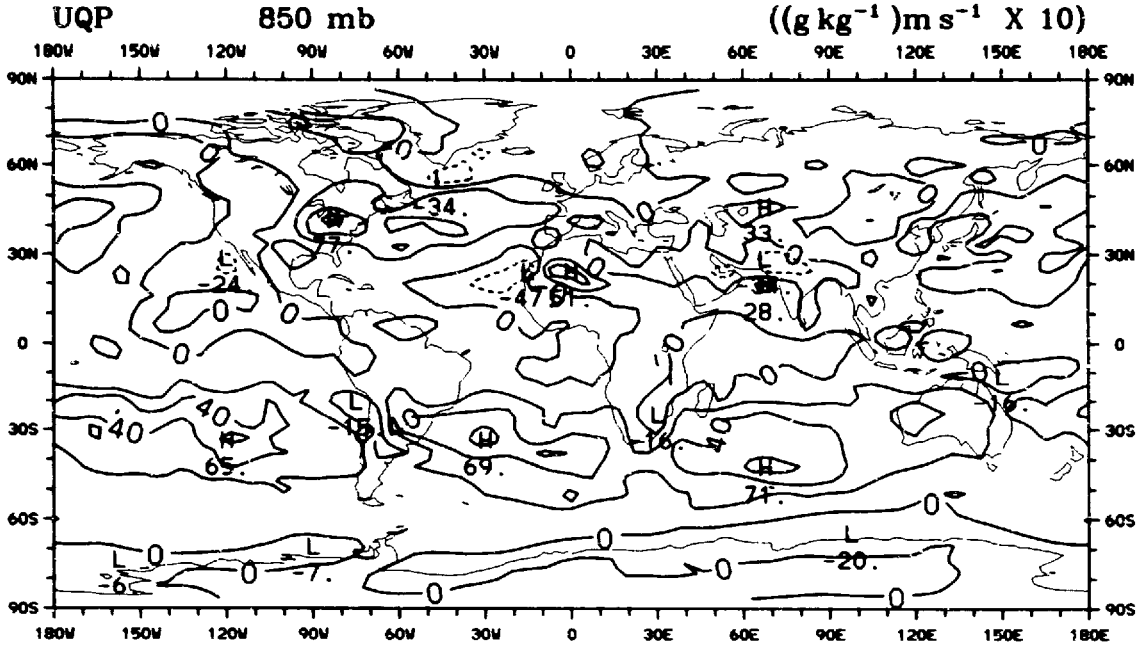

FRAME 1.73

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.74

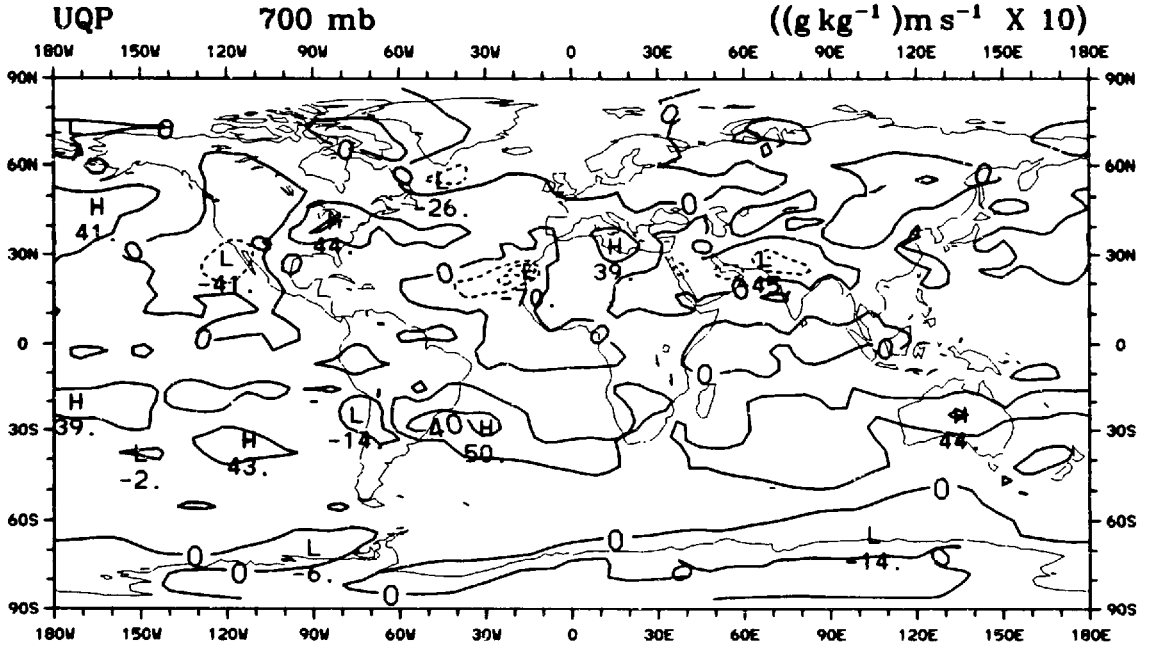
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.19656E-03 LABELS SCALED BY 10000.

FRAME 1.75

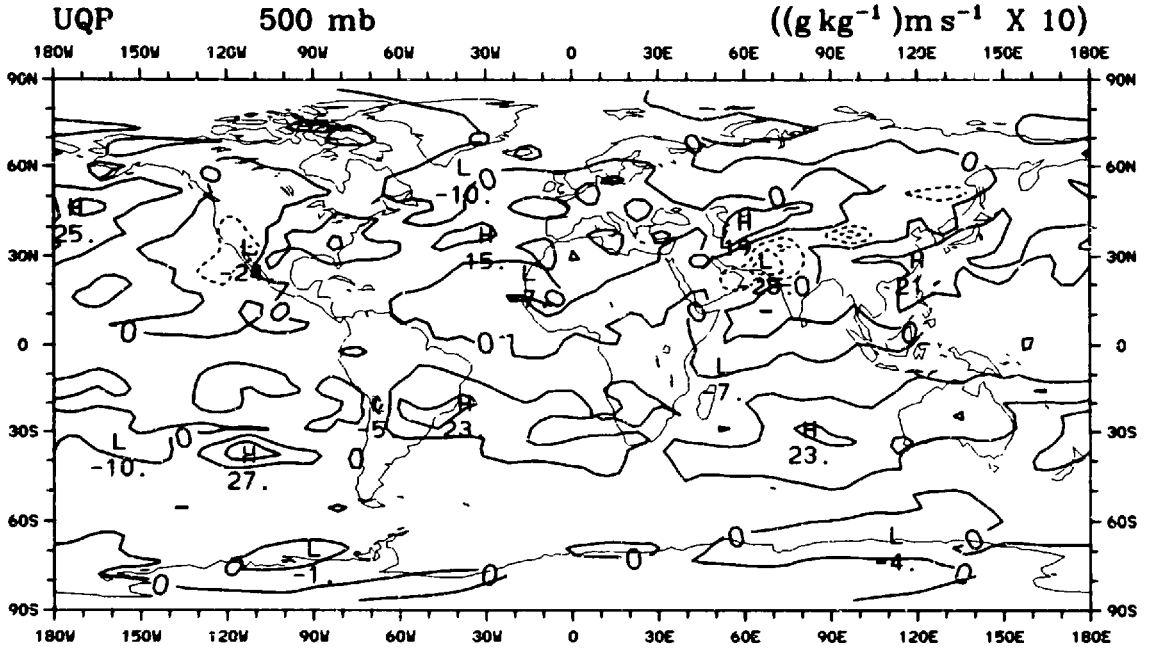
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.60000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.13449E-03 LABELS SCALED BY 10000.

FRAME 1.76

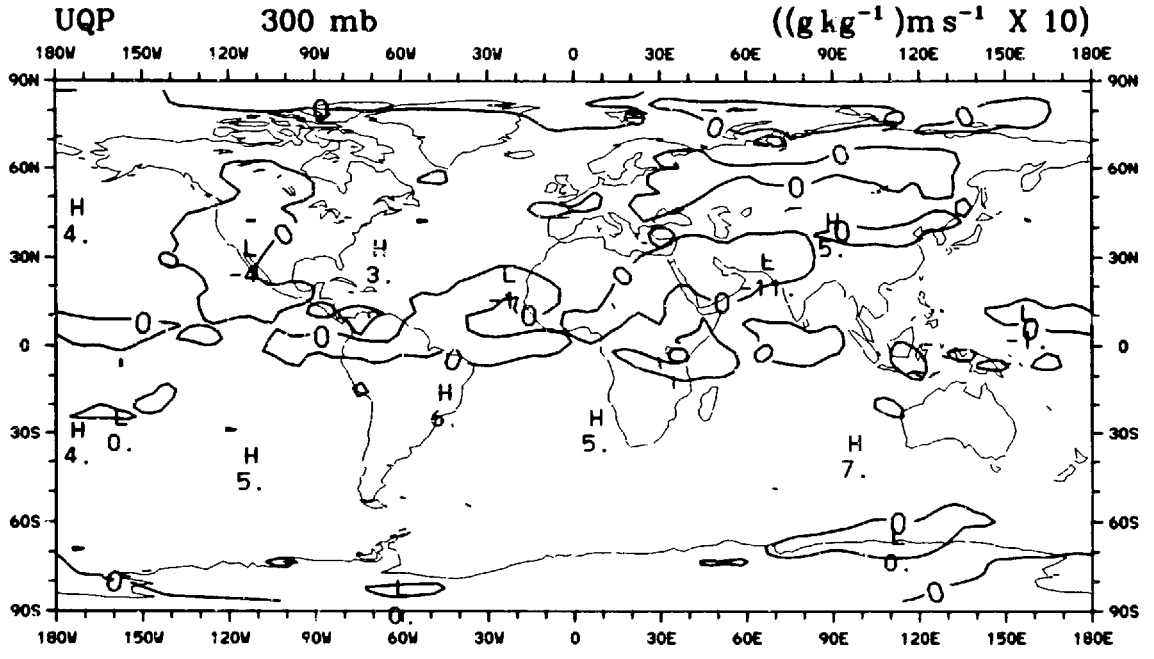
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.86333E-06 LABELS SCALED BY 10000.

FRAME 1.77

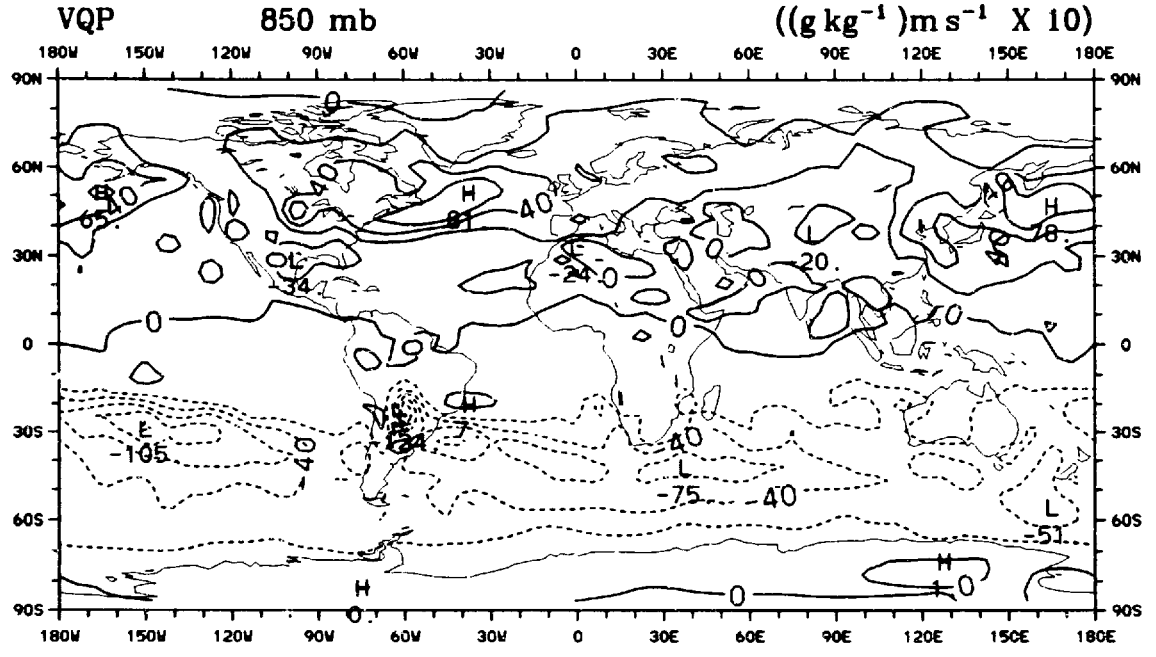
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-02 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.16777E-06 LABELS SCALED BY 10000.

FRAME 1.78

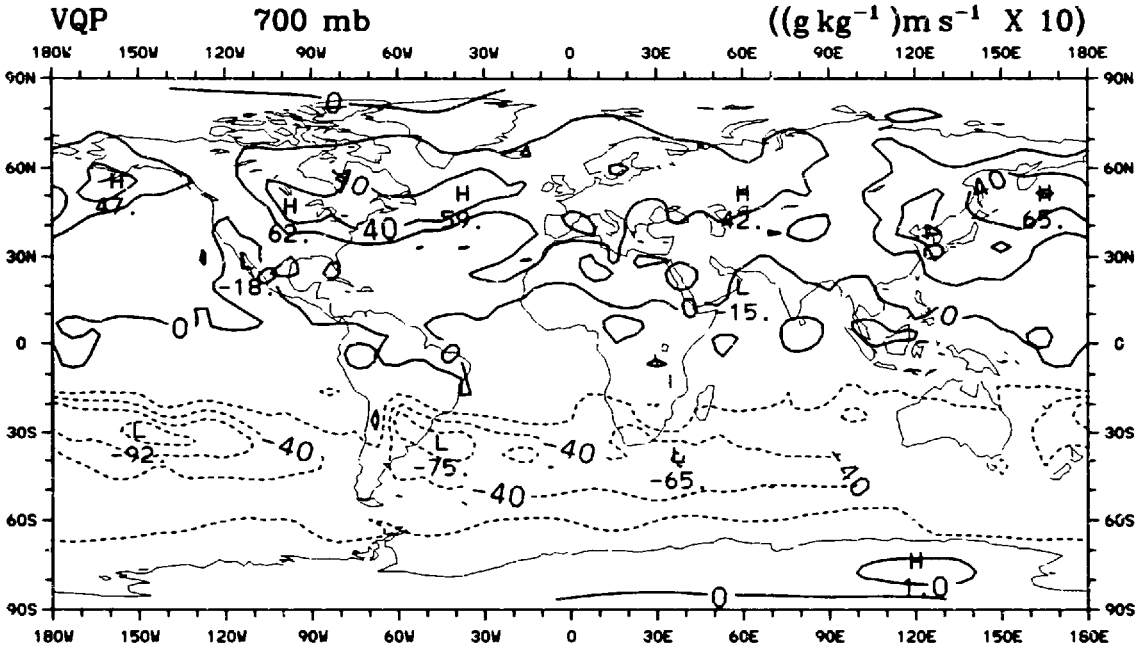
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.12000E-01 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.23382E-03 LABELS SCALED BY 10000.

FRAME 1.79

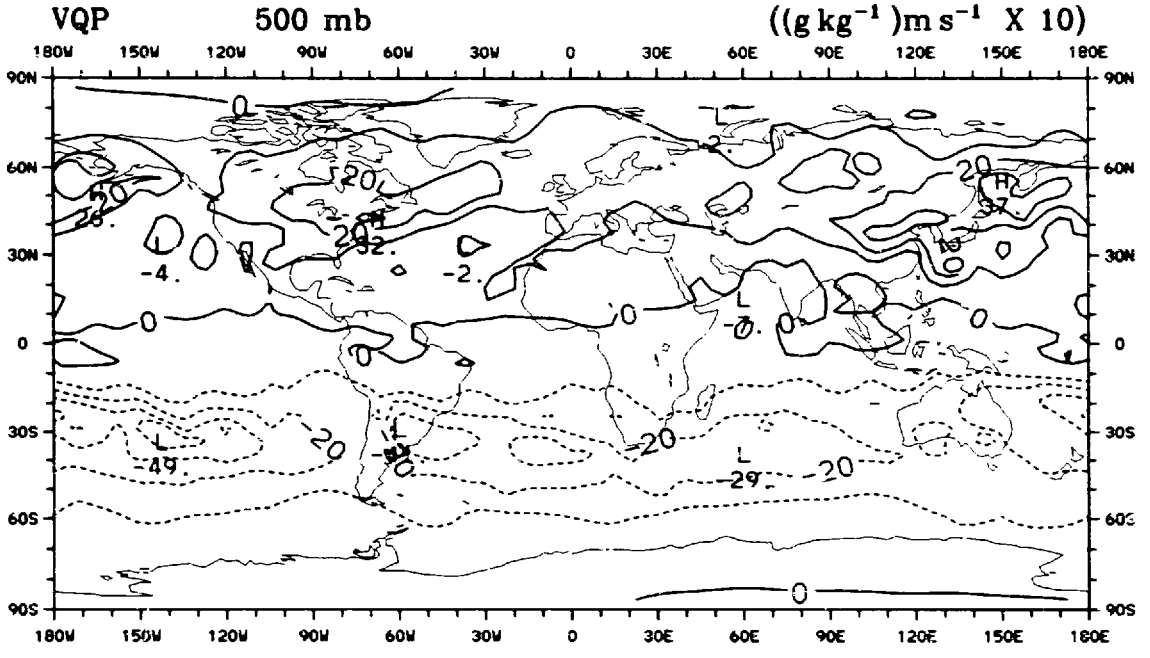
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.26548E-03 LABELS SCALED BY 10000.

FRAME 1.80

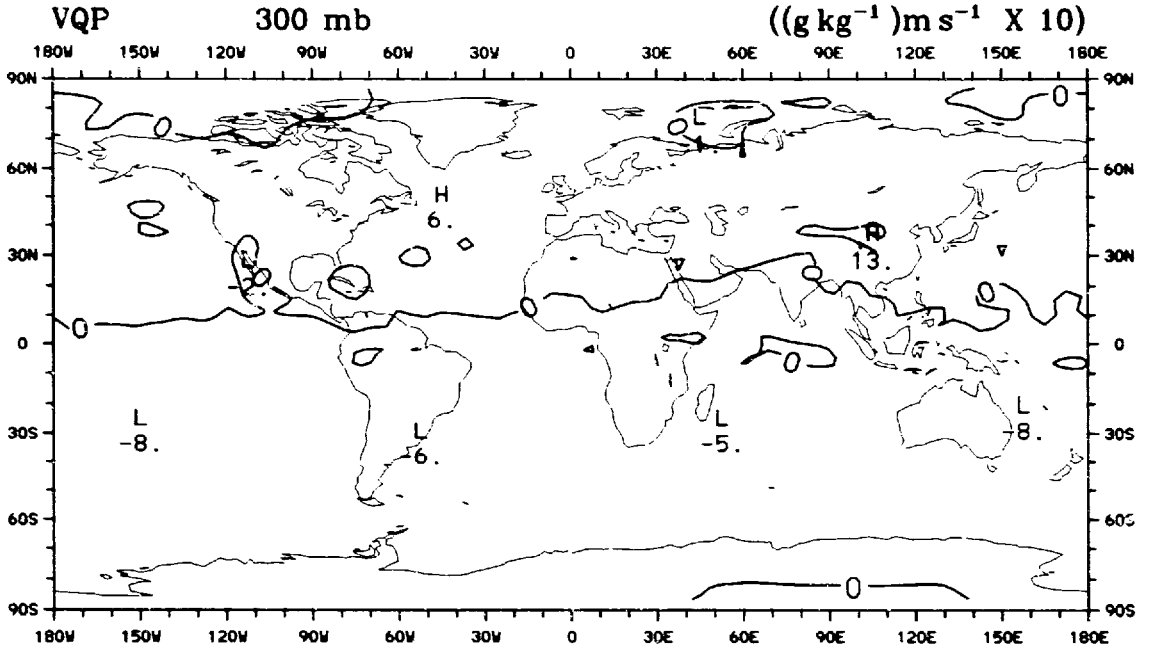
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.11829E-03 LABELS SCALED BY 10000.

FRAME 1.81

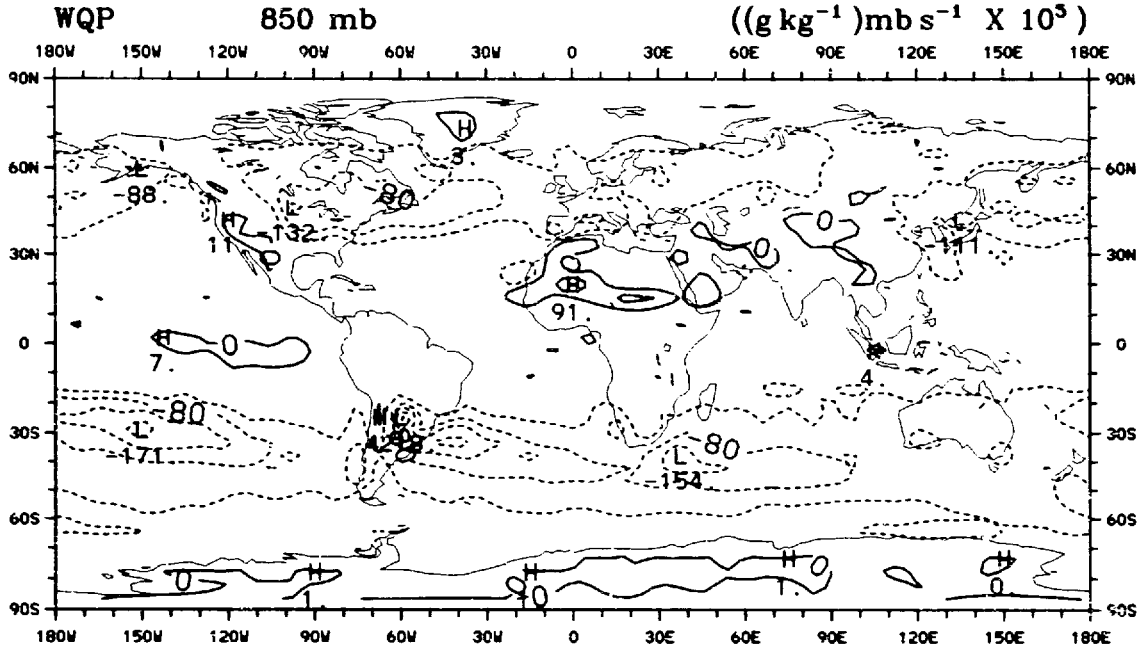
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.17226E-04 LABELS SCALED BY 10000.

FRAME 1.82

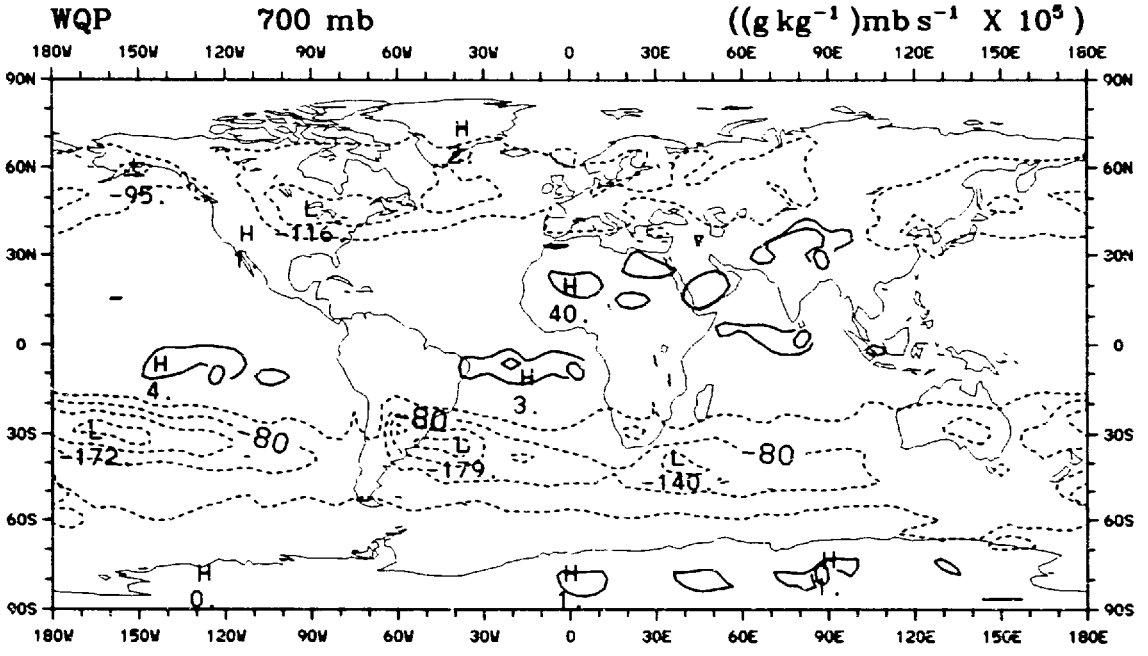
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-03 TO 0.80000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.23465E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

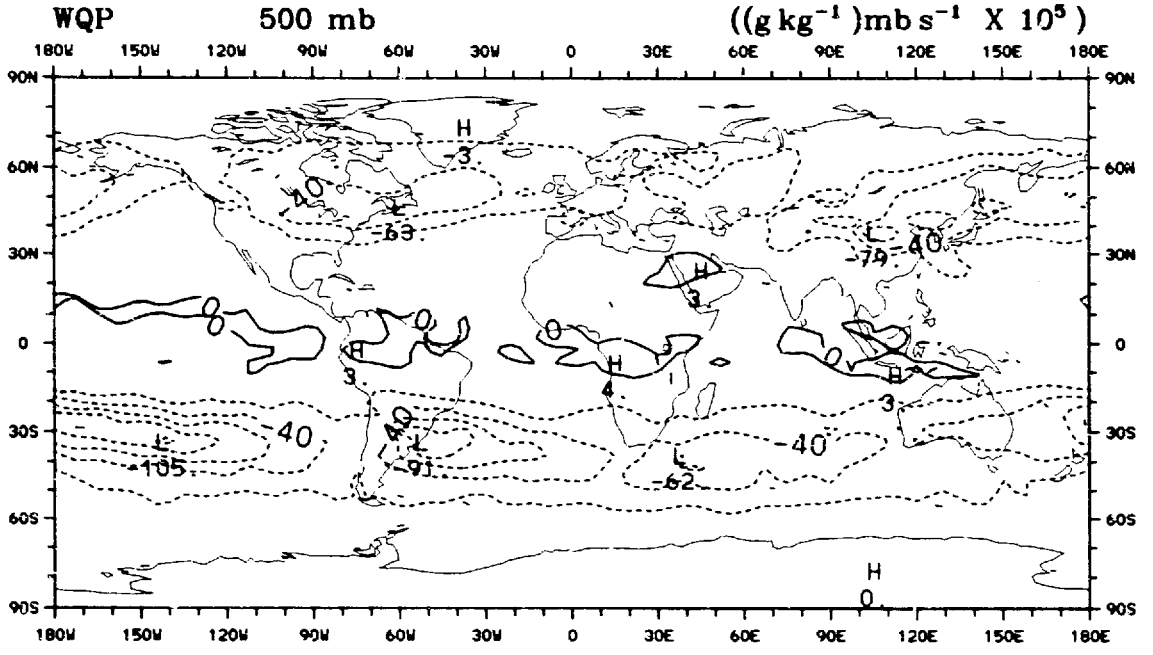
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.16000E-03 TO 0.40000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.44193E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.84

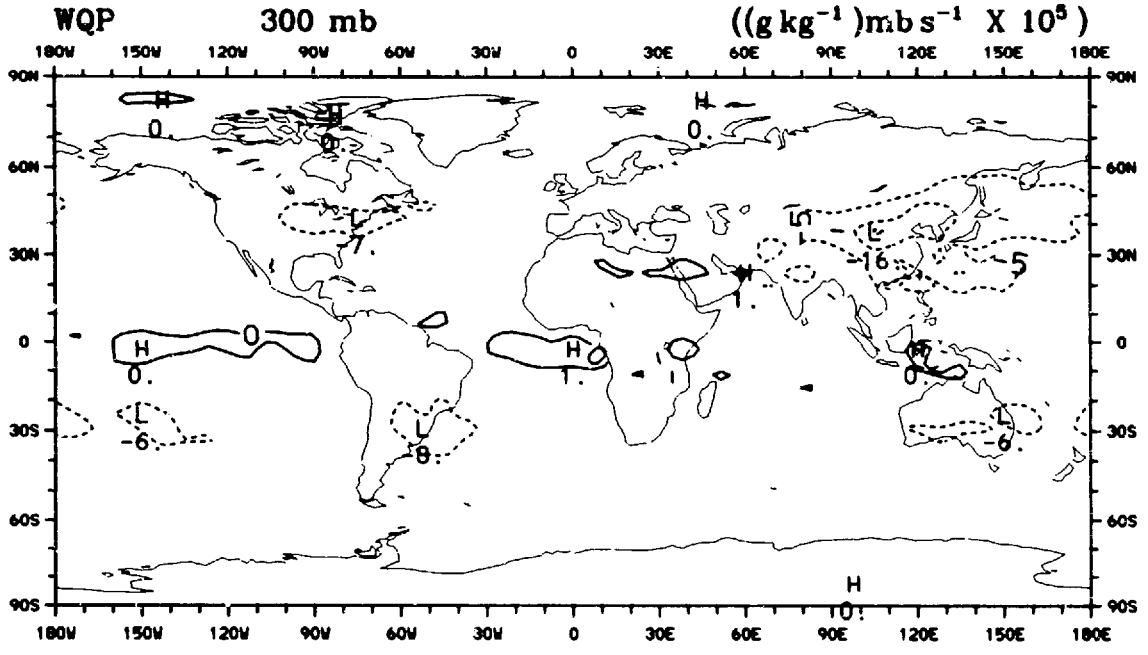
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.20555E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.35

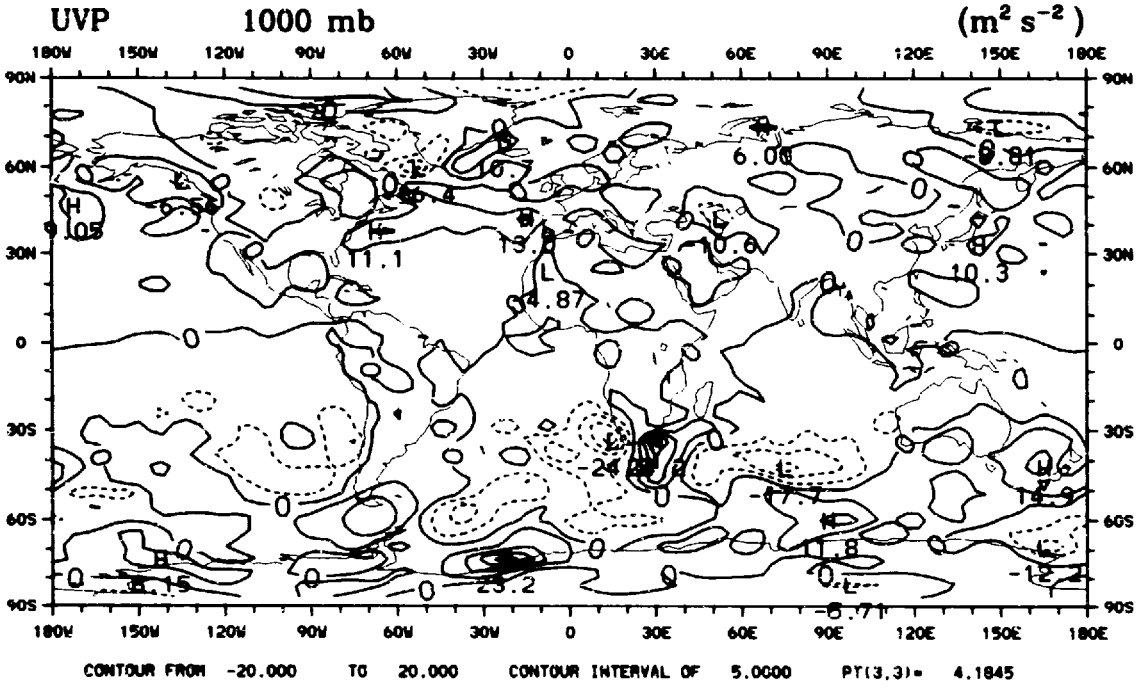
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.15000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.97840E-07 LABELS SCALED BY 0.10000E+07

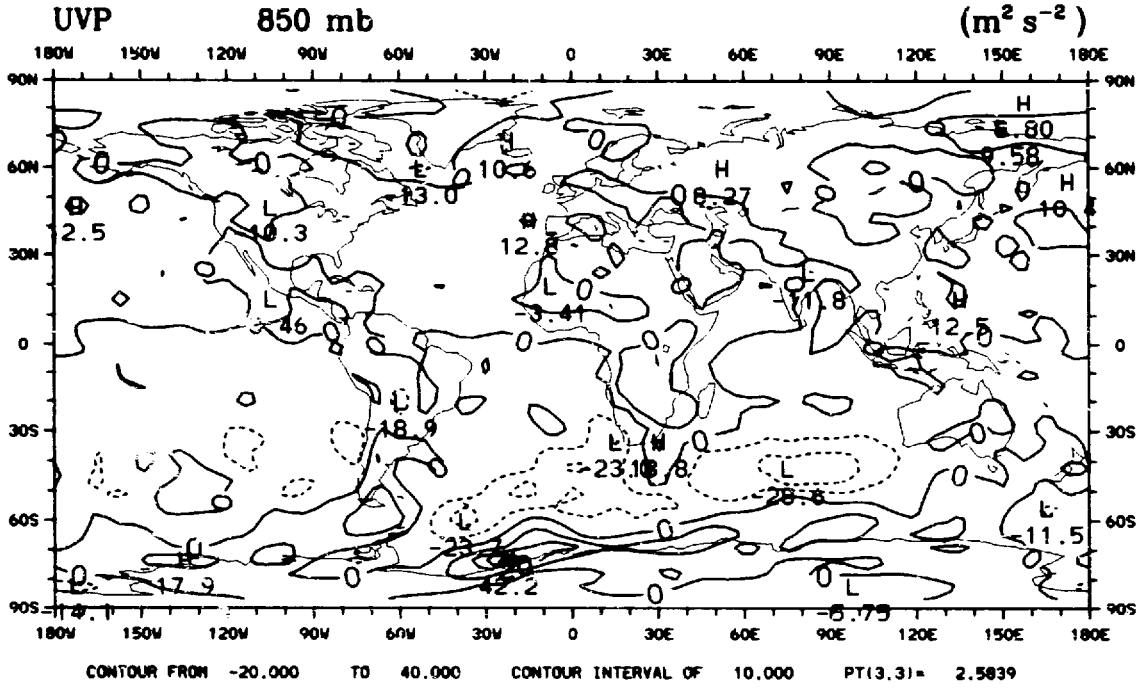
FRAME 1.86

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



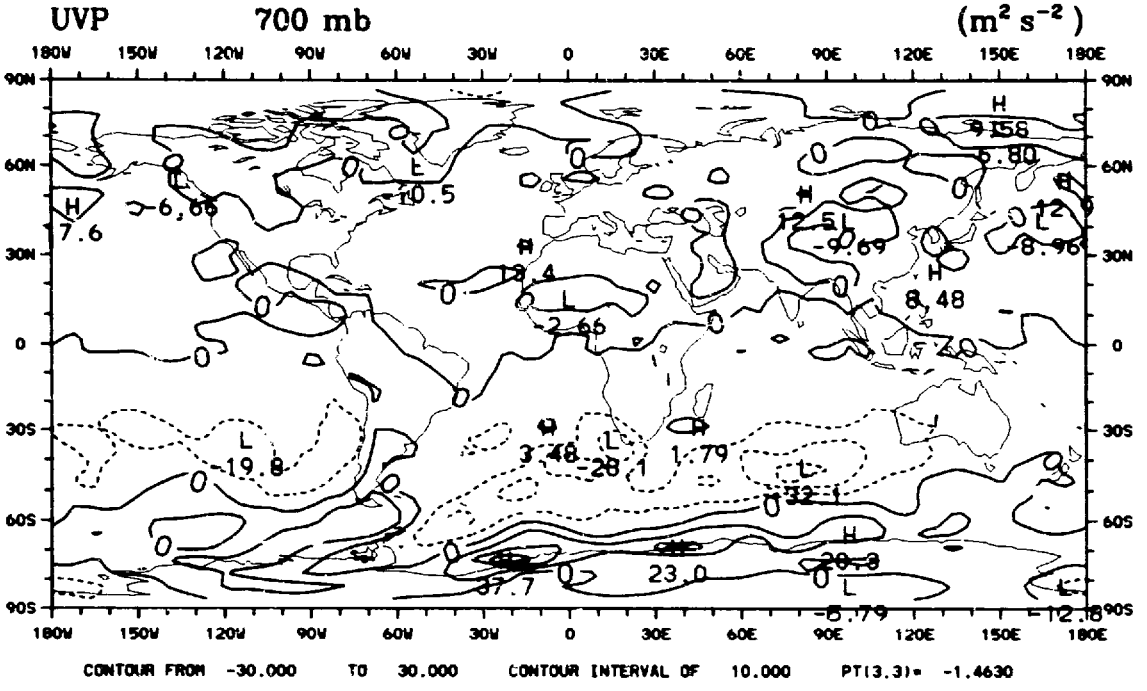

FRAME 1.87

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

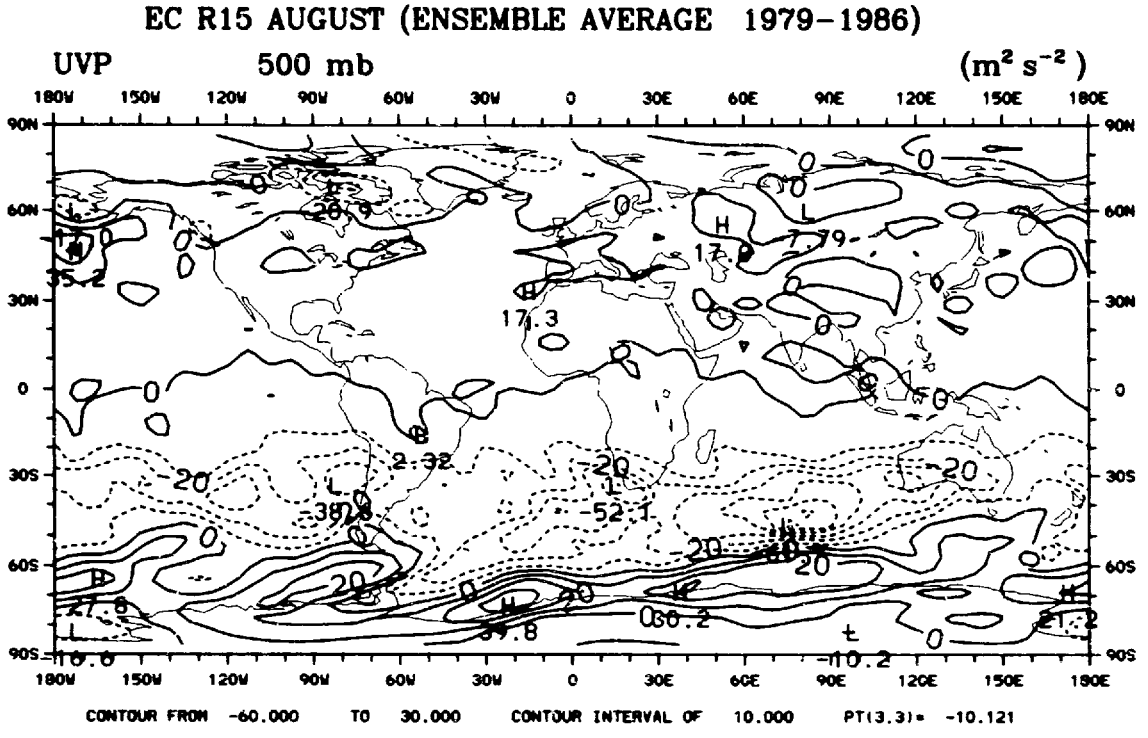



FRAME 1.88

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

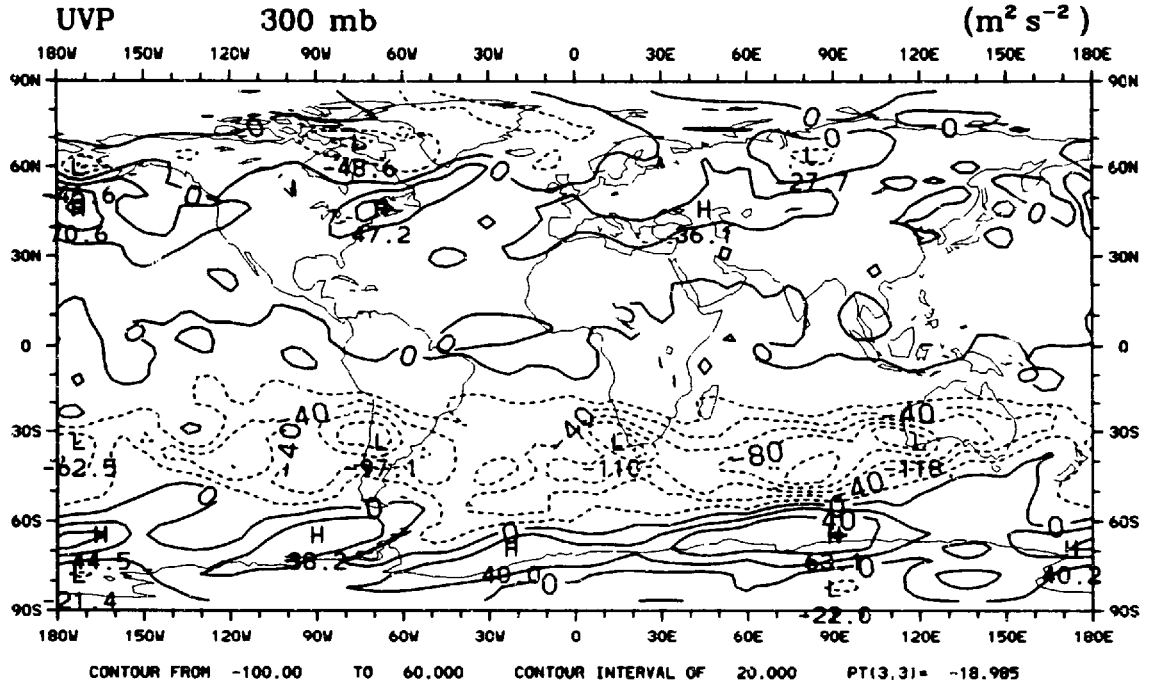



FRAME 1.89


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
UVP
500 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -60.000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3.3)= -10.121

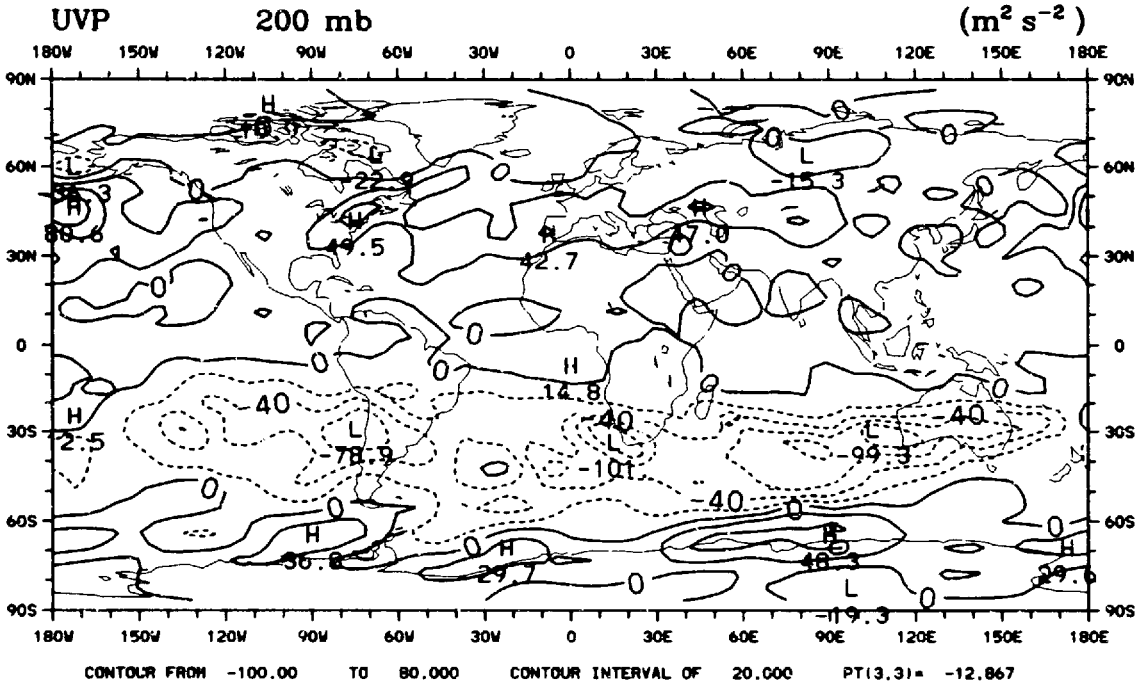
FRAME 1.90

EC R15 AUGUST (ENSEMBLE AVERACE 1979-1986)

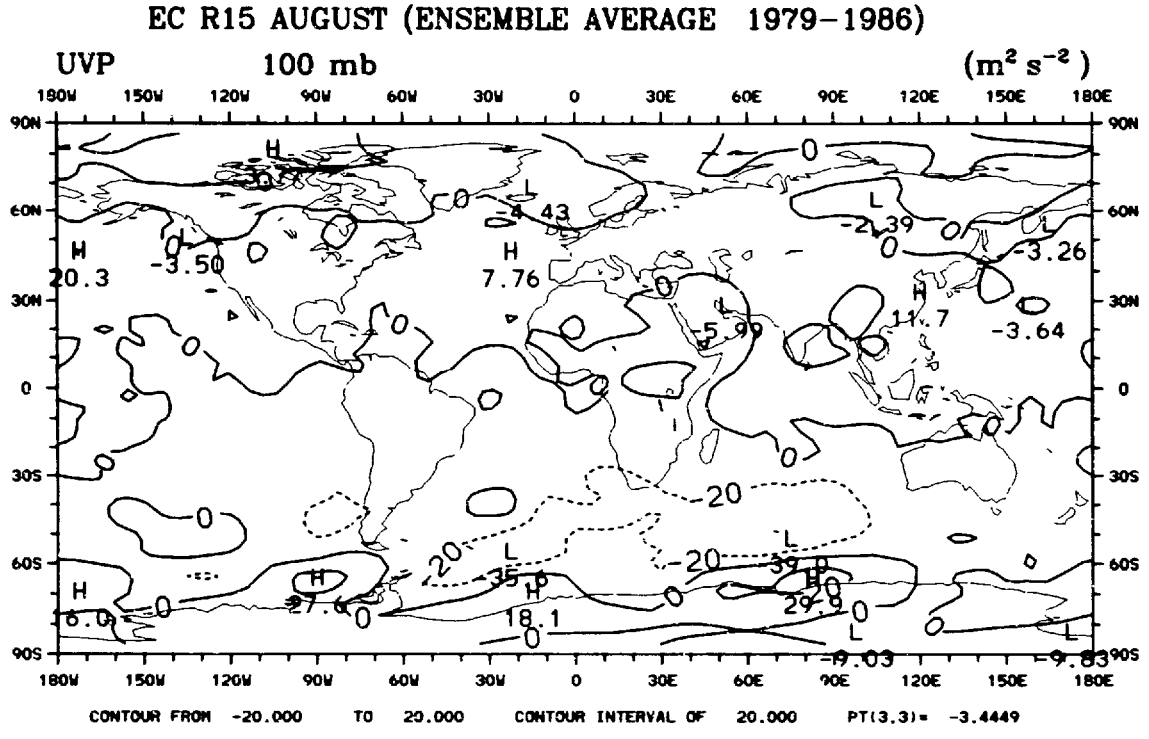



FRAME 1.91

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

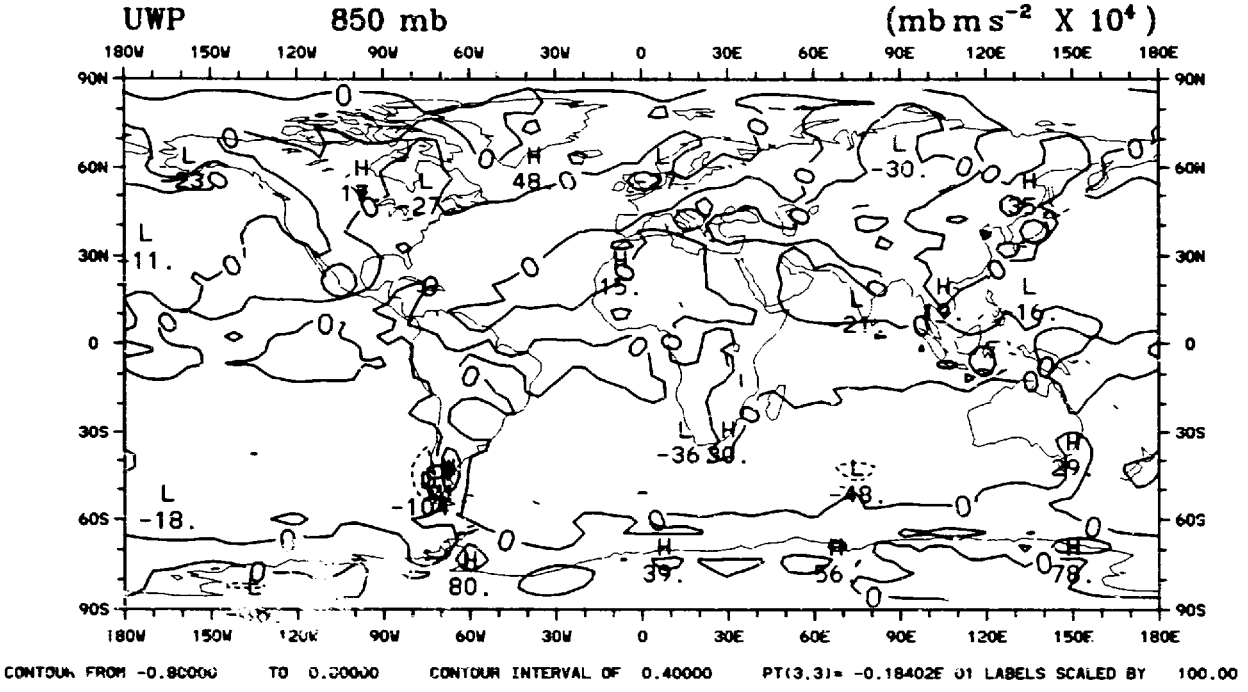



FRAME 1.92


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
UVP
100 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 20.3
-3.50
H 7.76
-4.43
-2.39
-3.26
11.7
-3.64
-5.99
-20
-35.6
-27.6
18.1
29.9
-9.03
-9.83
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= -3.4449

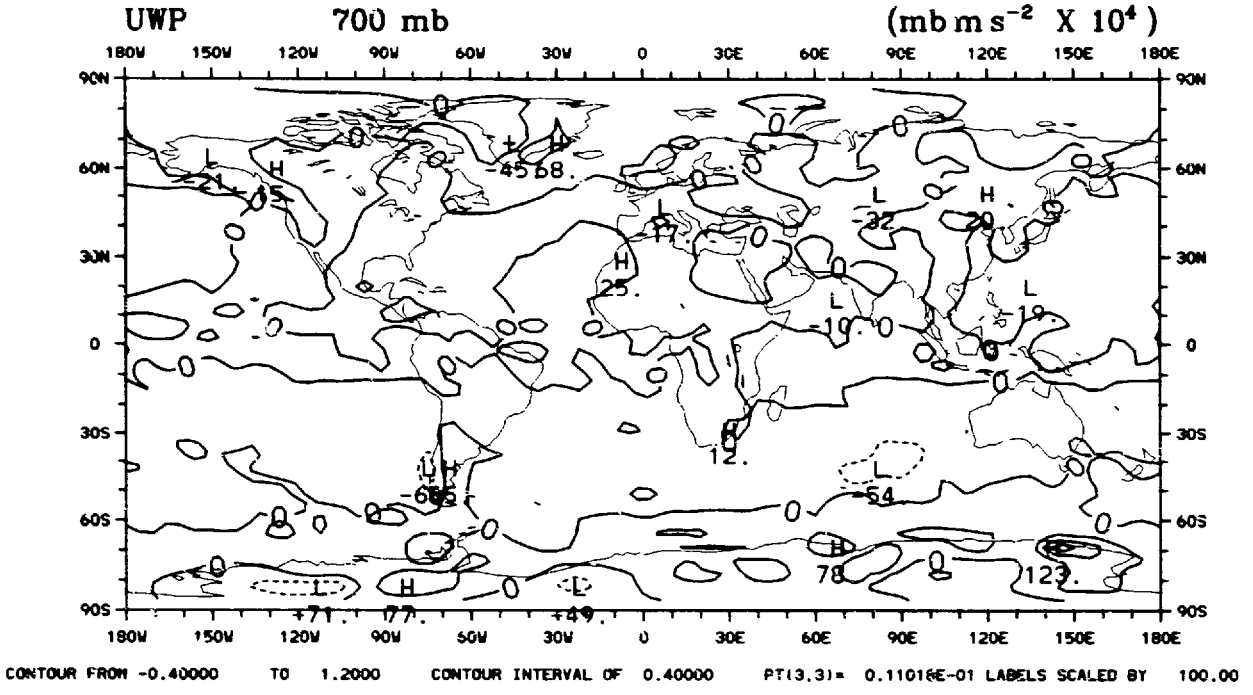
FRAME 1.93

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



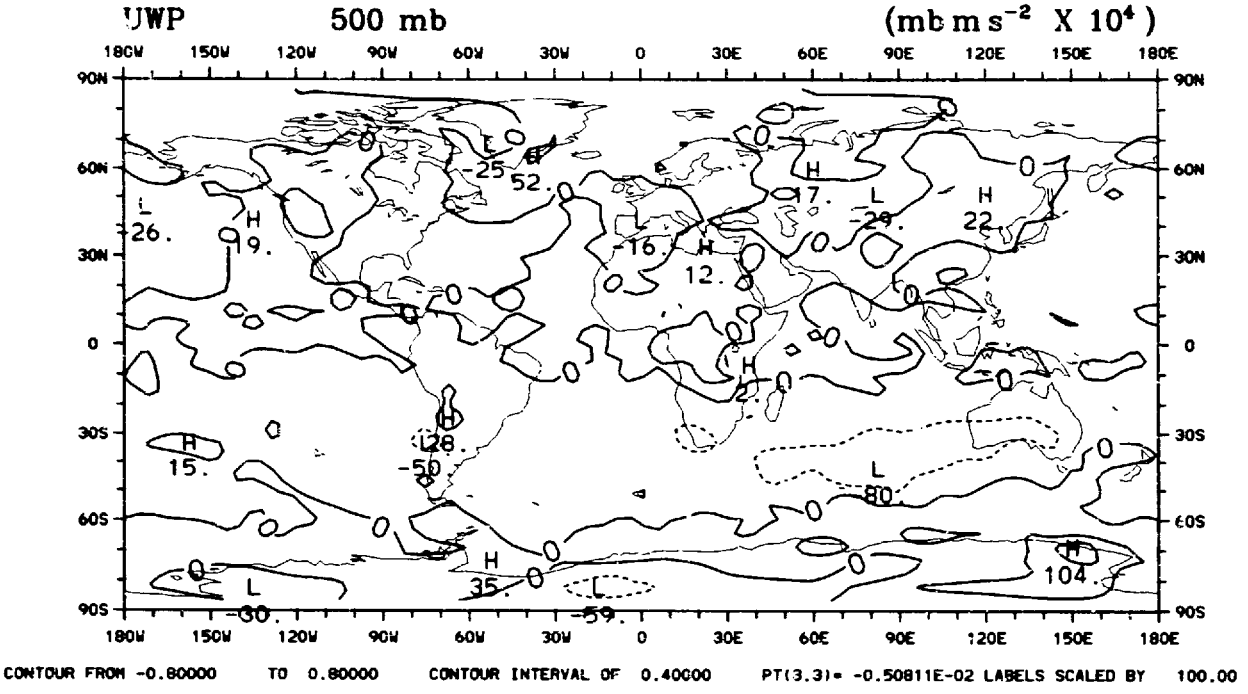

FRAME 1.94

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.95

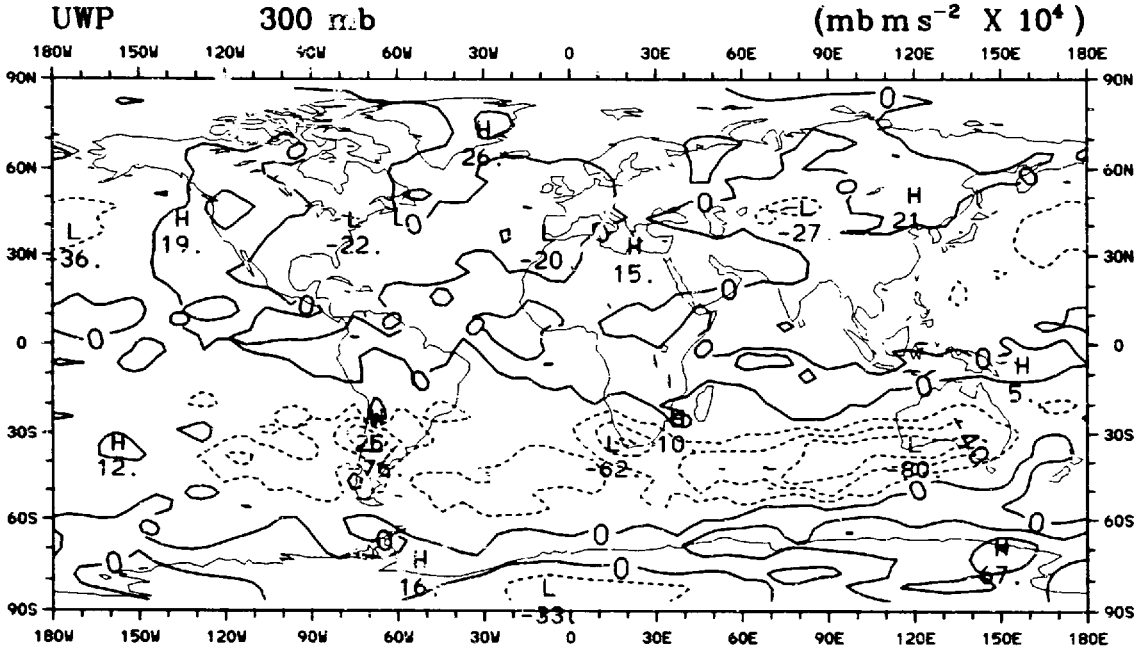
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= -0.50811E-02 LABELS SCALED BY 100.00

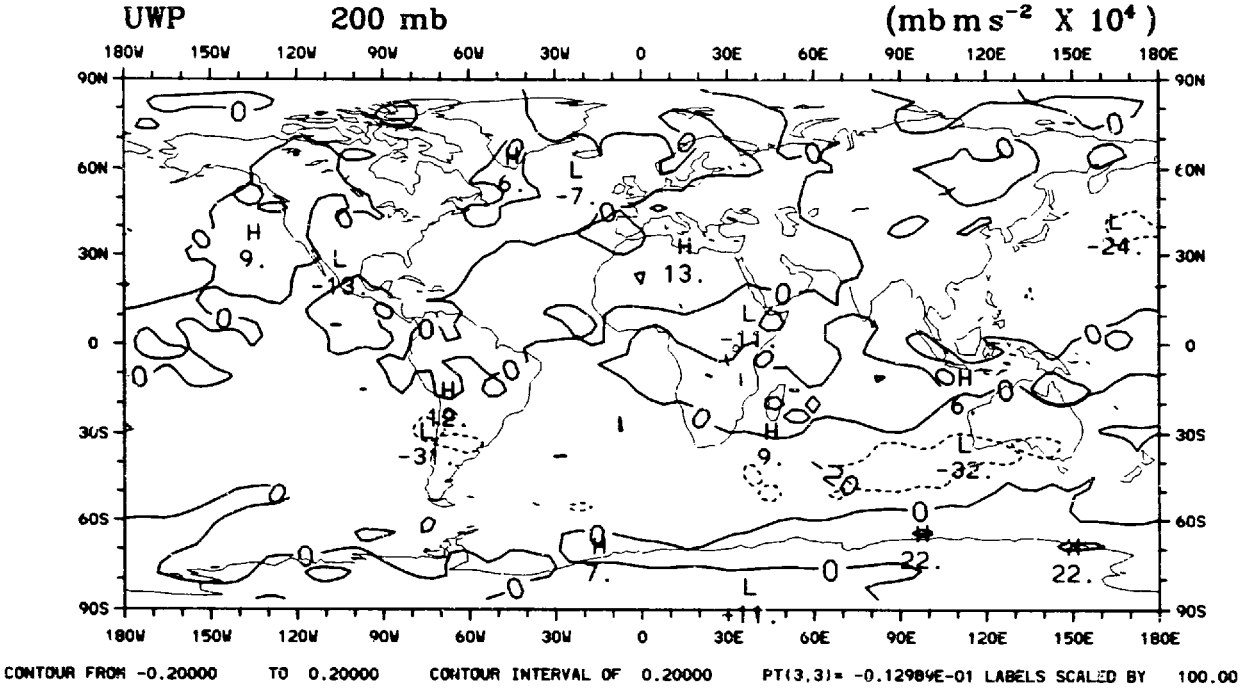
FRAME 1.96

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



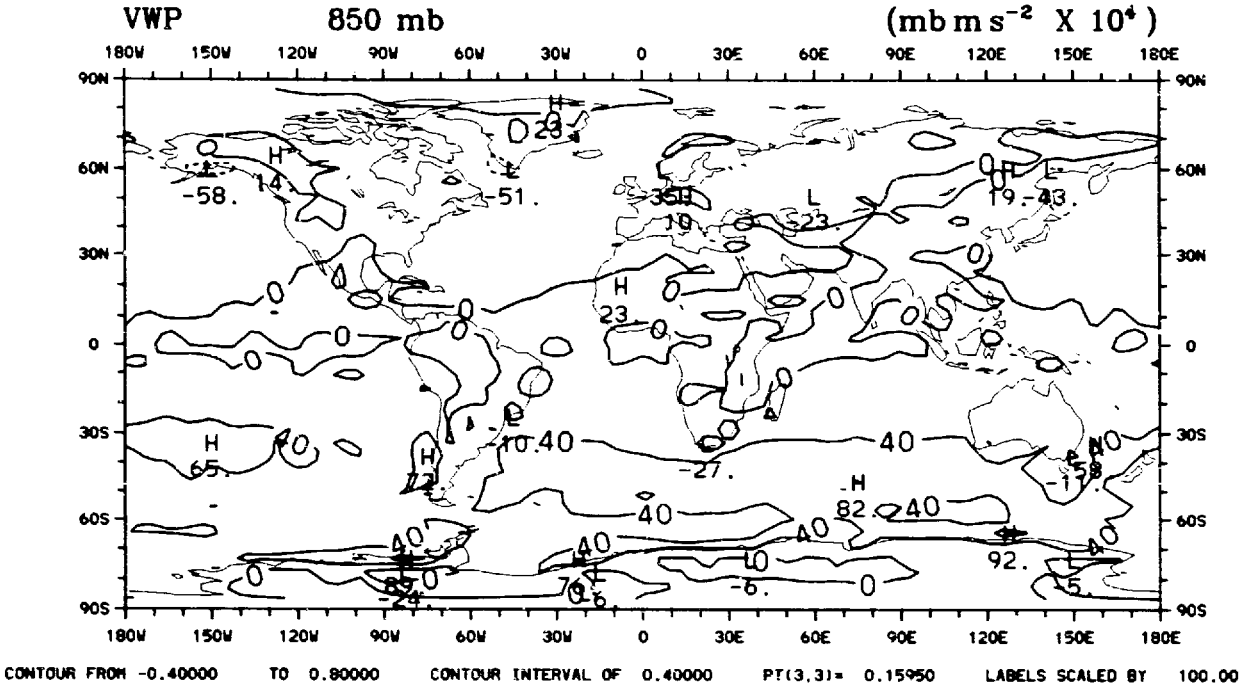

FRAME 1.97

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



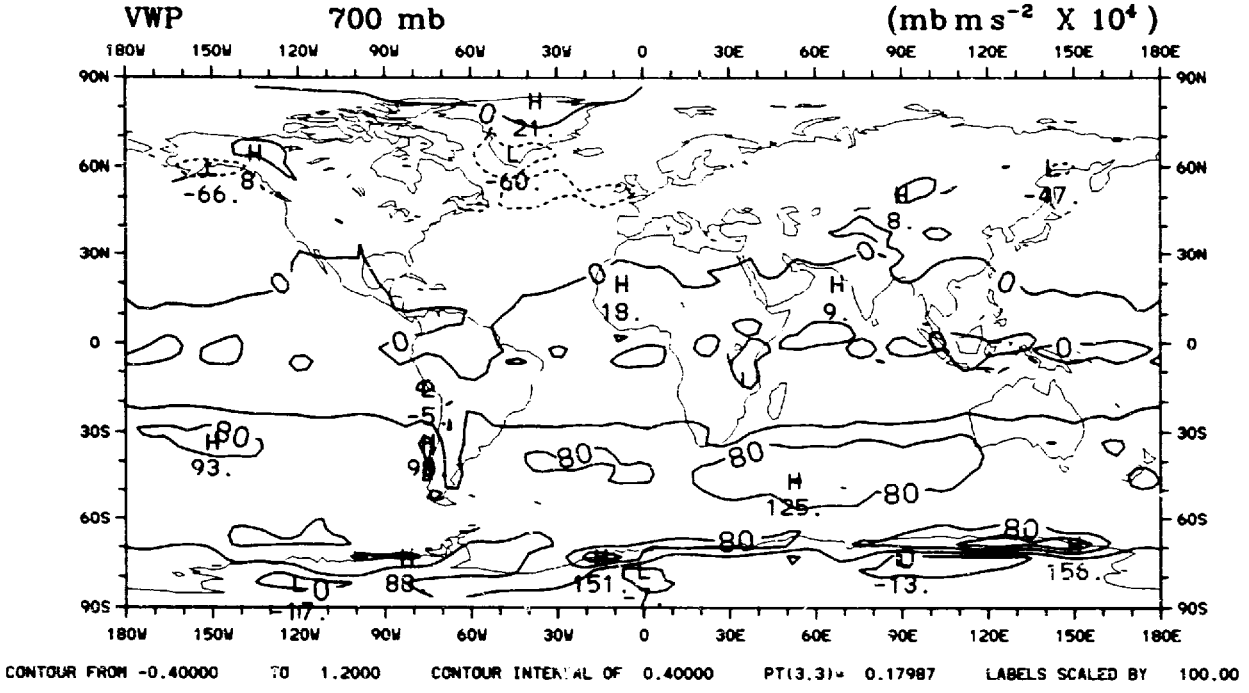

FRAME 1.98

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.99

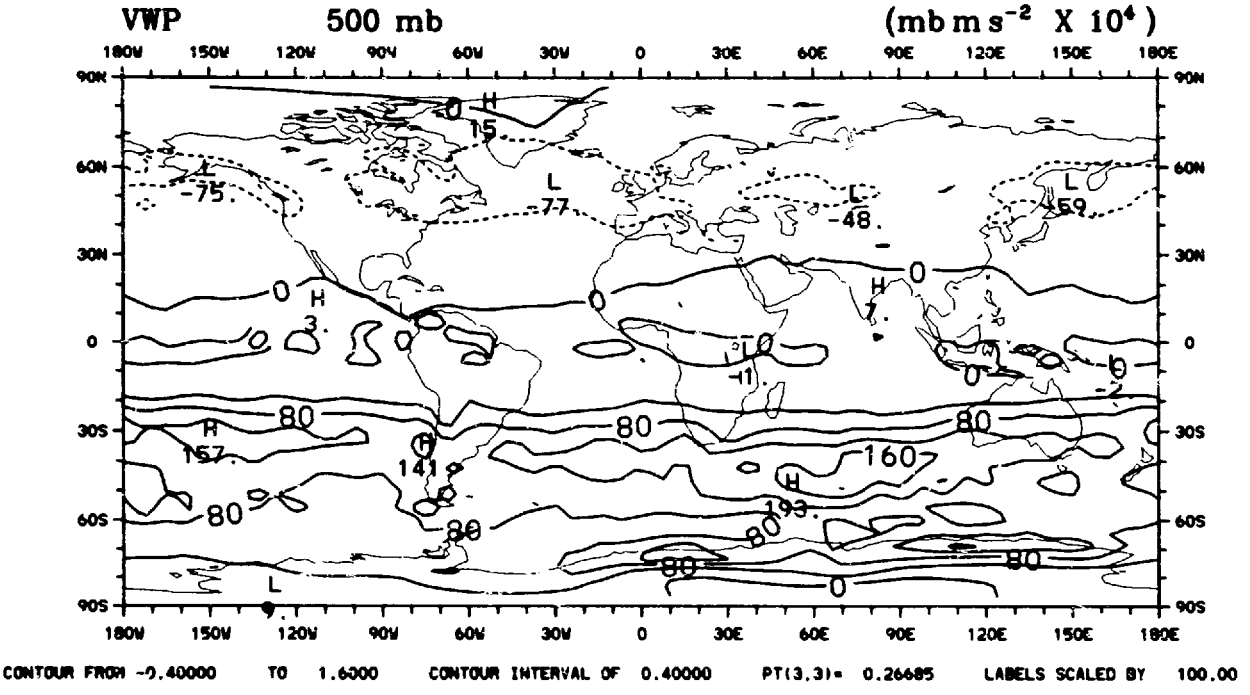
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.40000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.17987 LABELS SCALED BY 100.00

FRAME 1.100

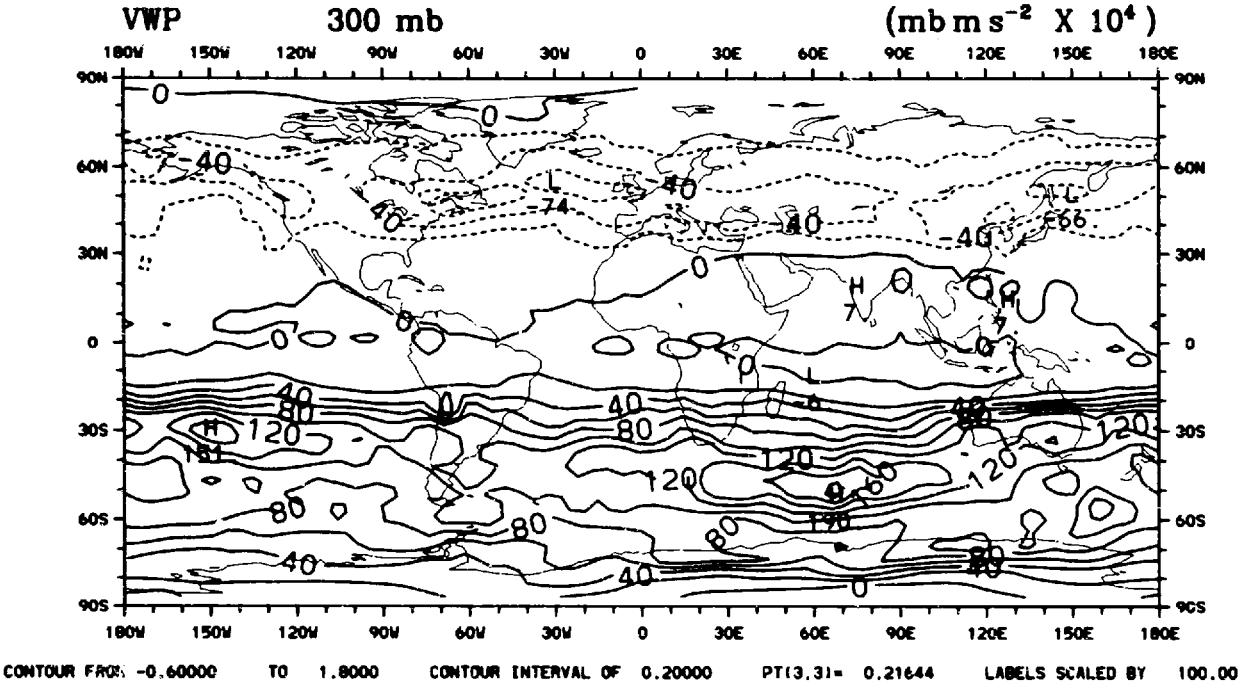
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 1.6000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.26685 LABELS SCALED BY 100.00

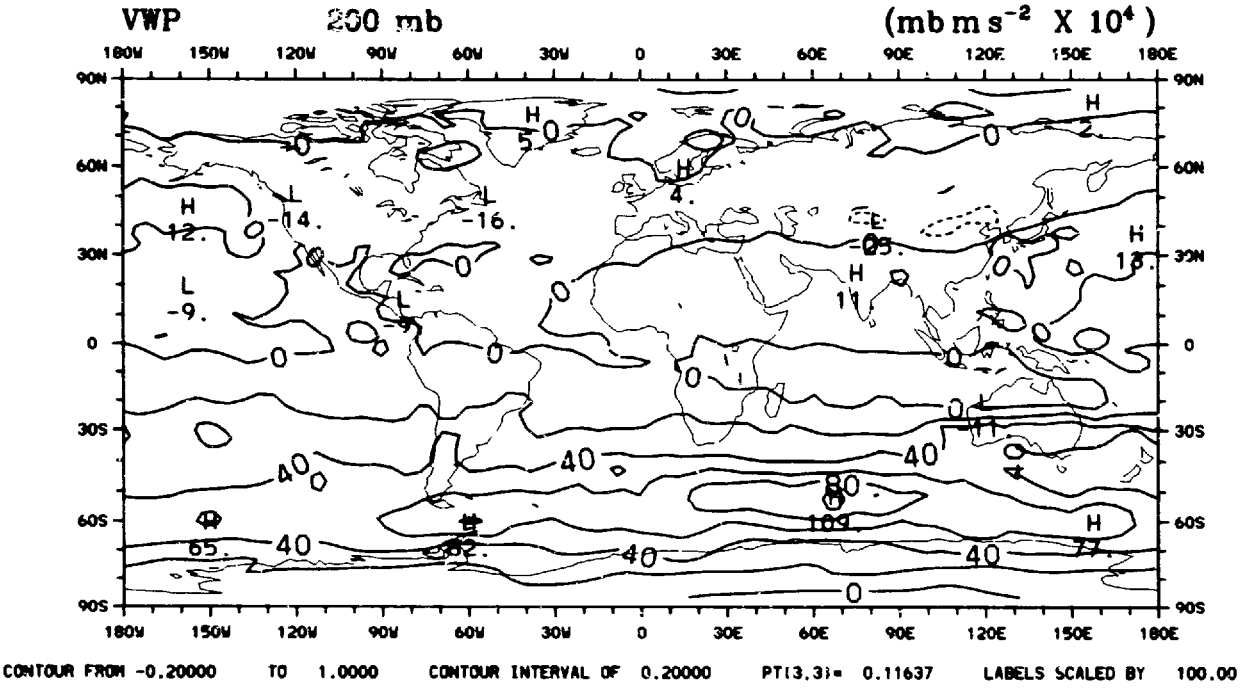
FRAME 1.101

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



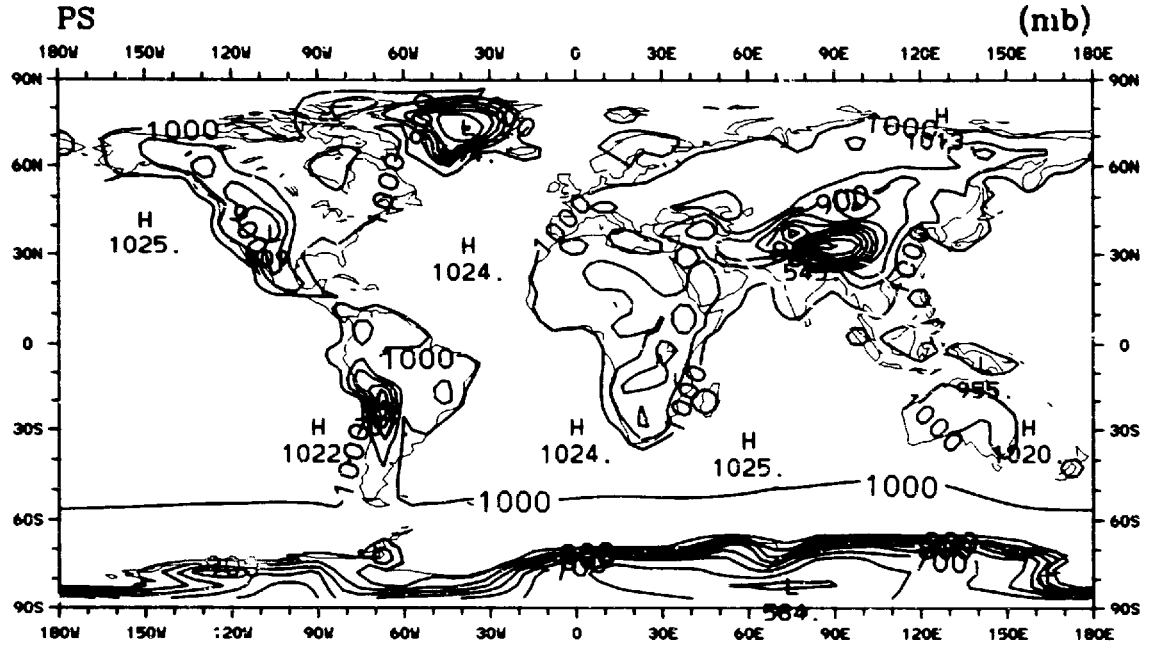

FRAME 1.102

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.103

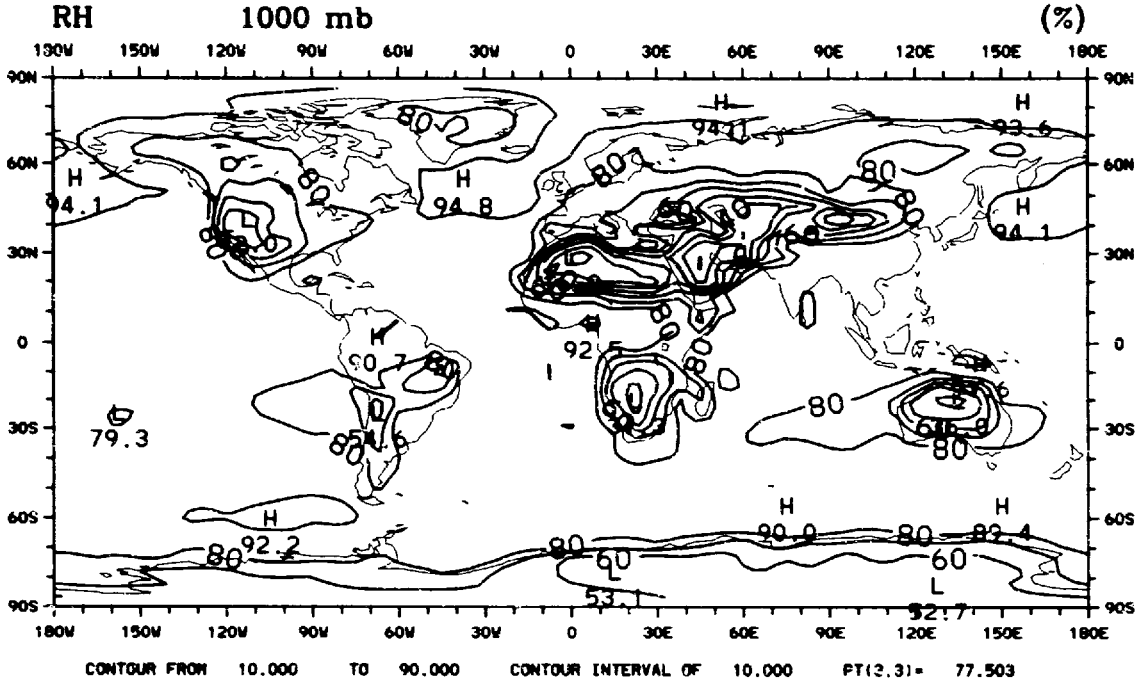
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 97982. LABELS SCALED BY 0.10000E-01

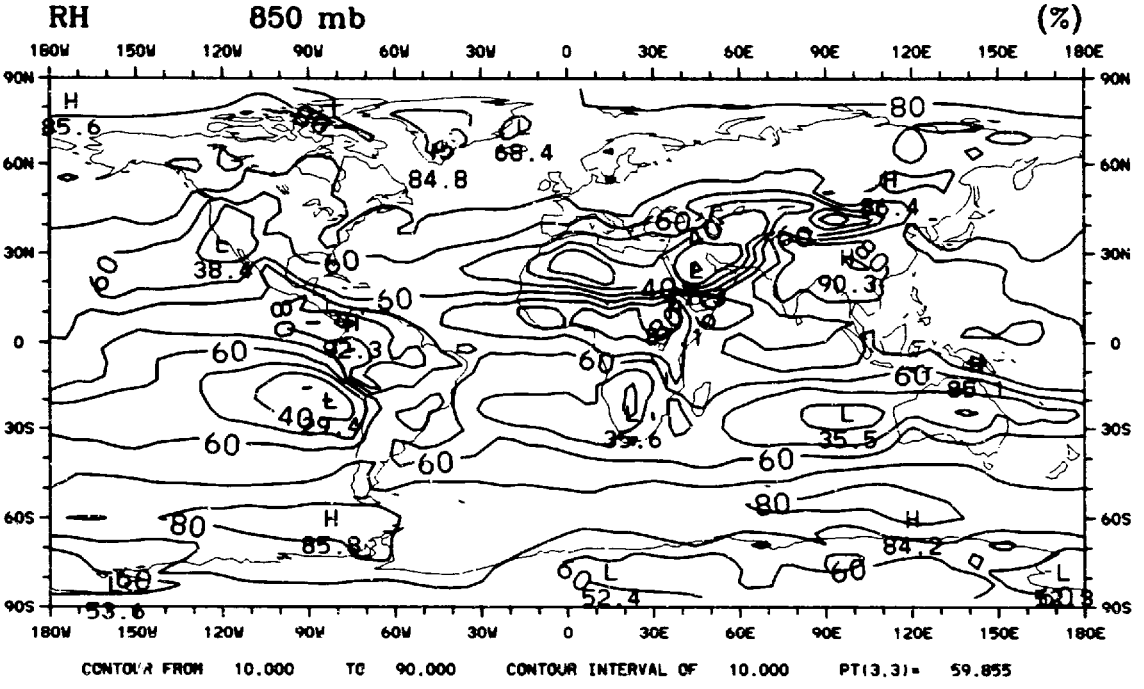
FRAME 1.104

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



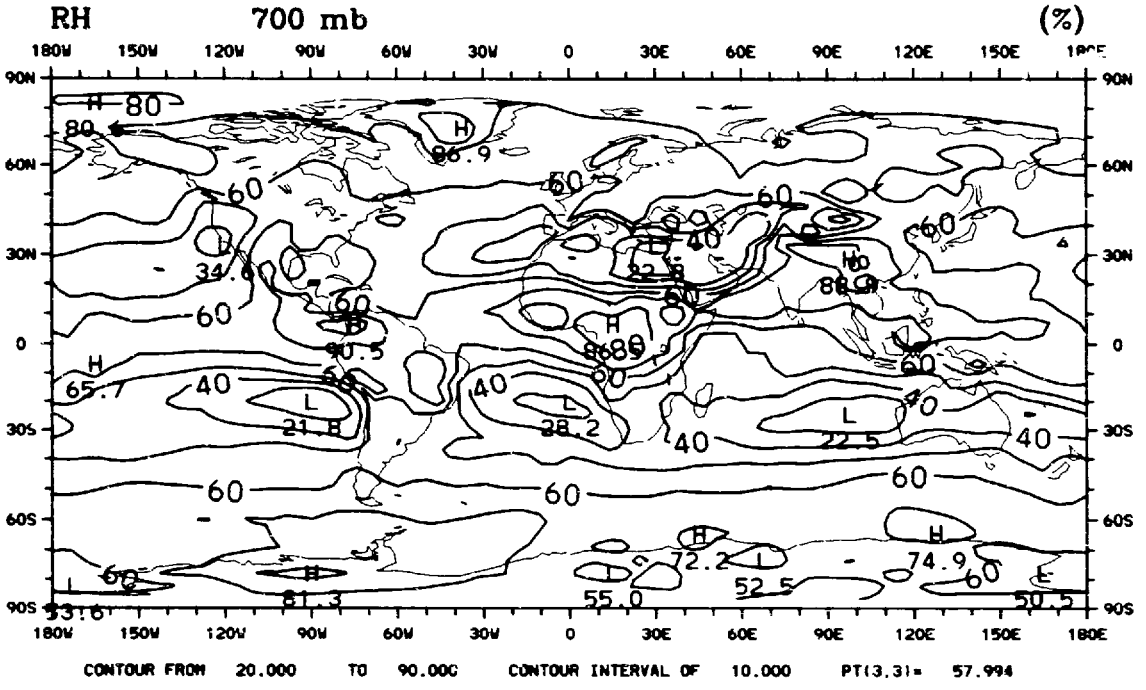

FRAME 1.105

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



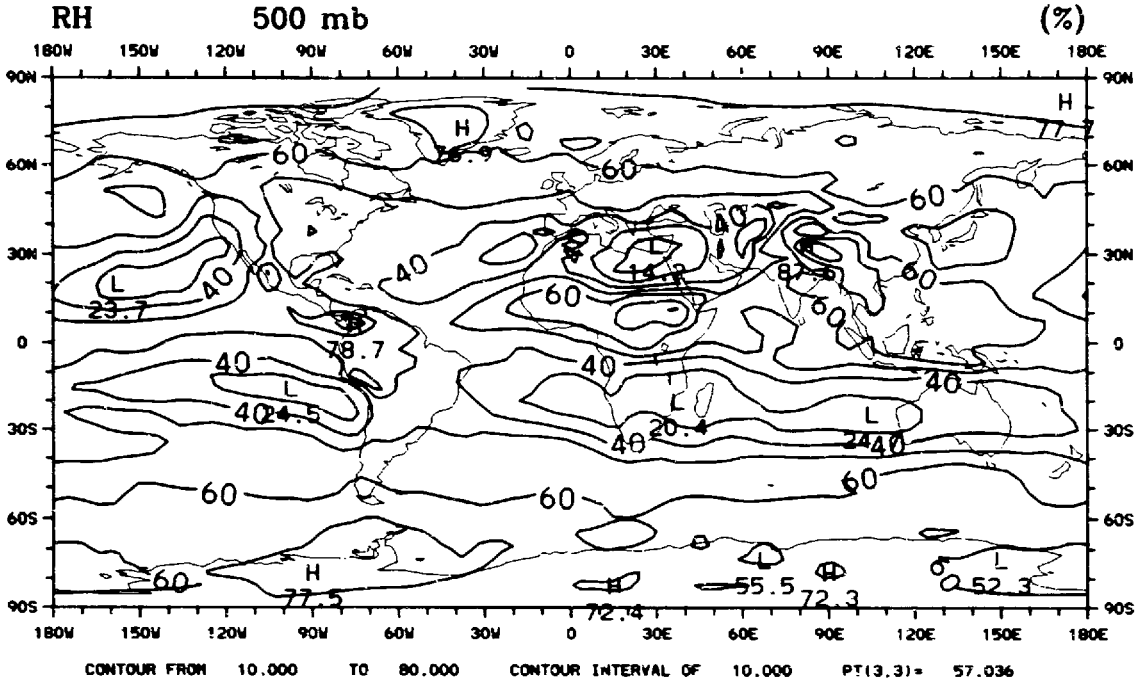

FRAME 1.106

# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



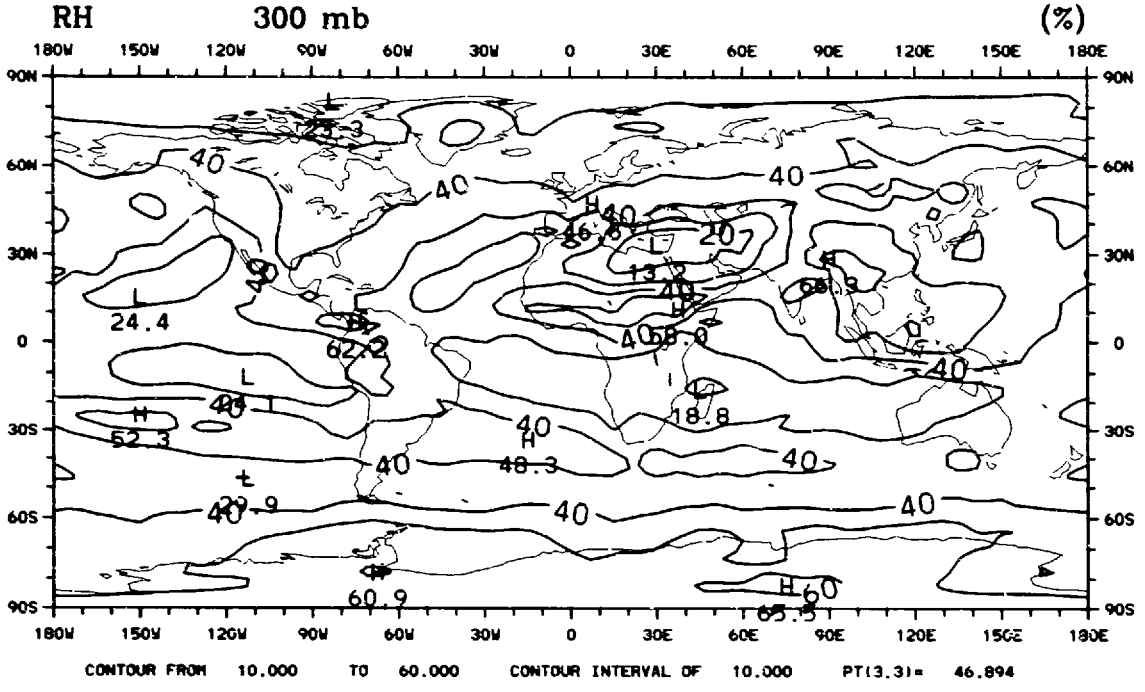

FRAME 1.107

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

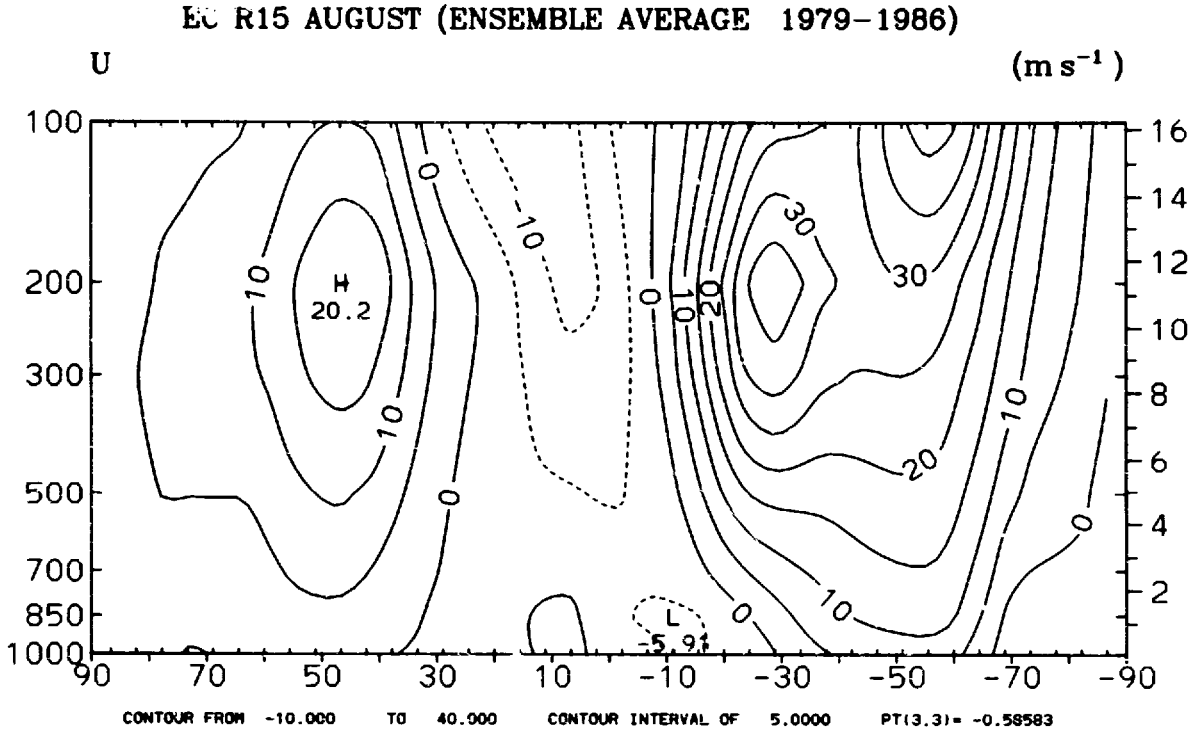



FRAME 1.108

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

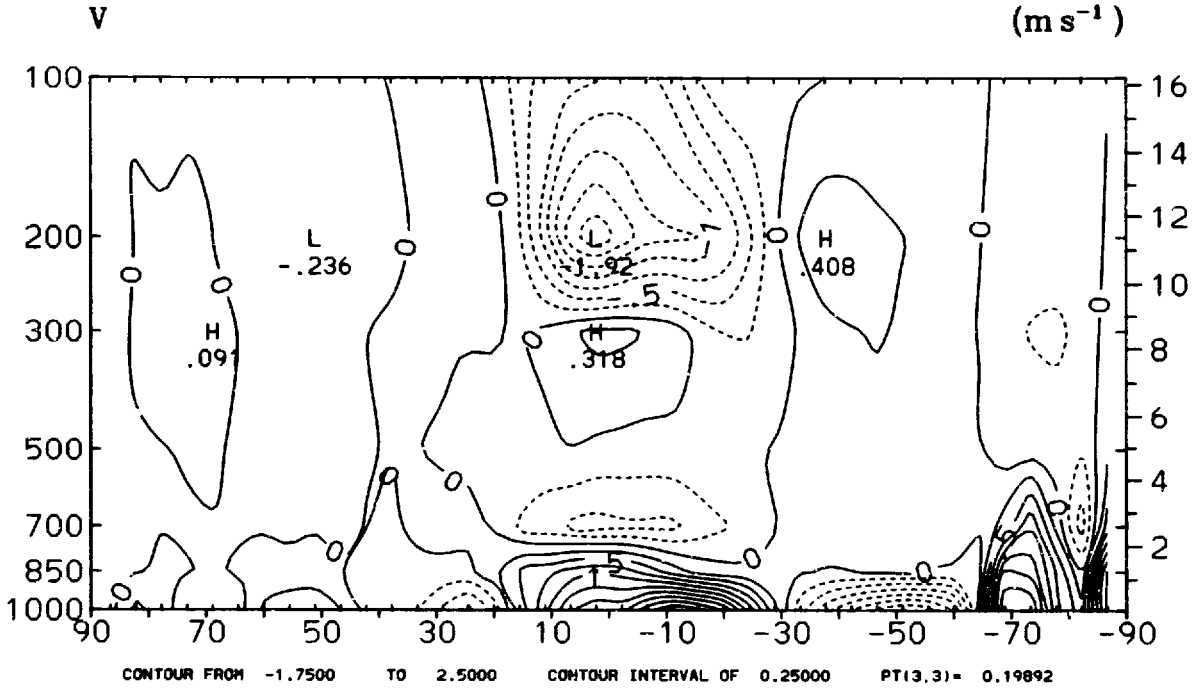



FRAME 1.109


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
U
(m s-1)
100
200
300
500
700
850
1000
16
14
12
10
8
6
4
2
90
70
50
30
10
-10
-30
-50
-70
-90
H
20.2
L
-5.91
CONTOUR FROM -10.000 TO 40.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -0.58583

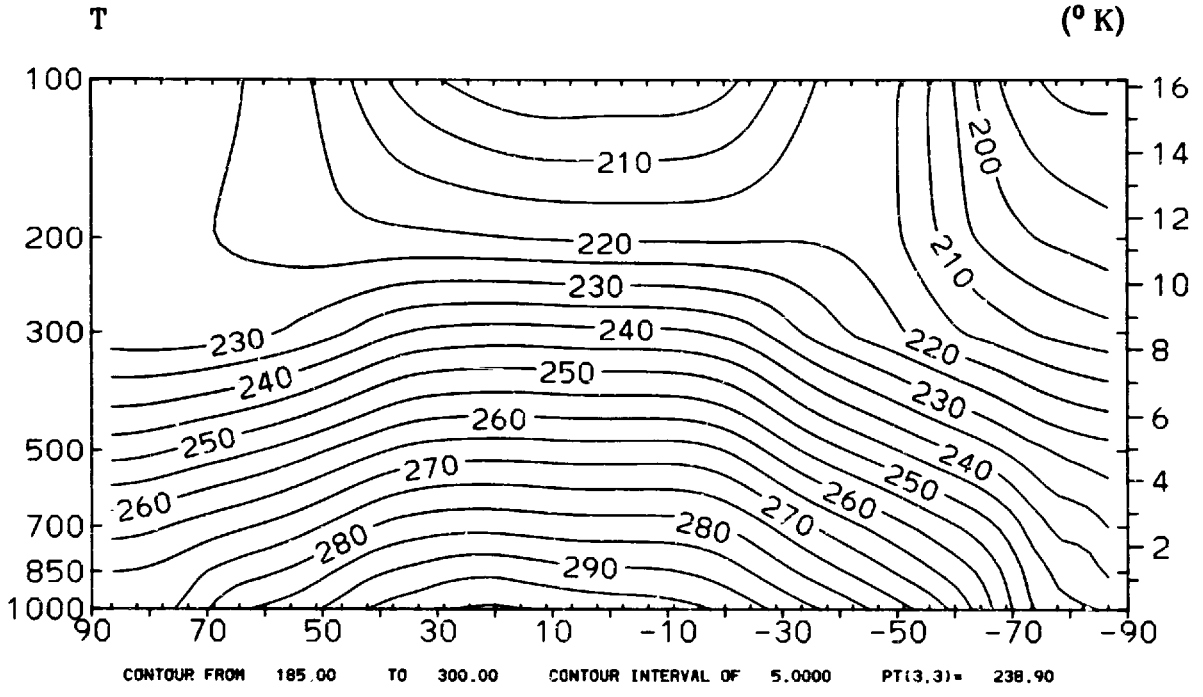
FRAME 1.110

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.111

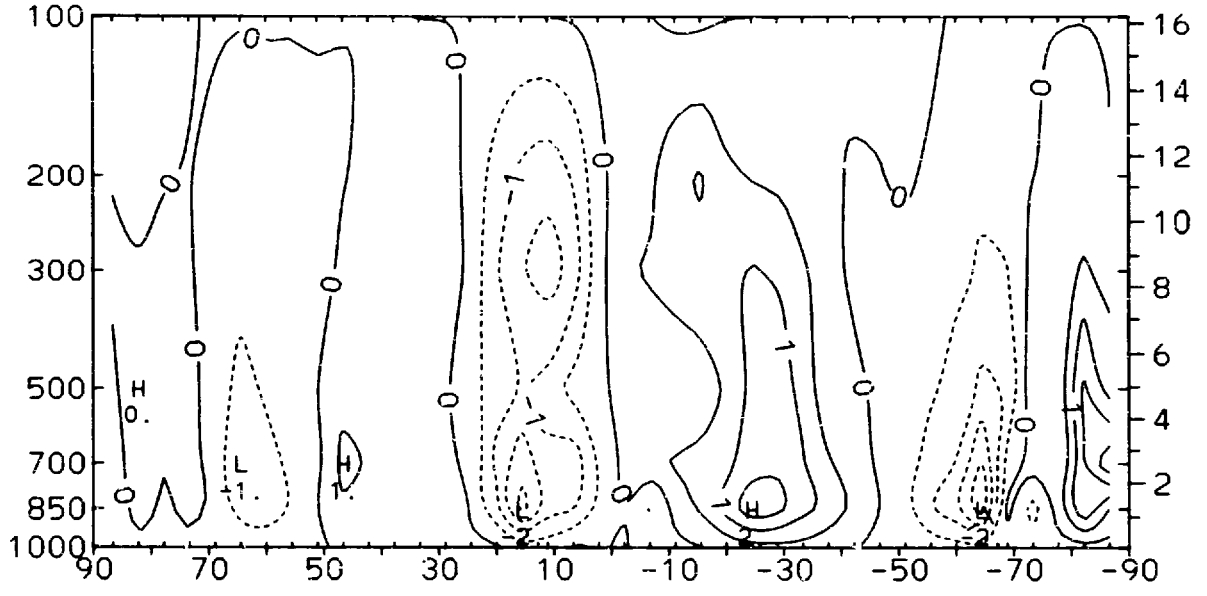
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.112

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

OMEGA (mb $s^{-1}$ X $10^4$)

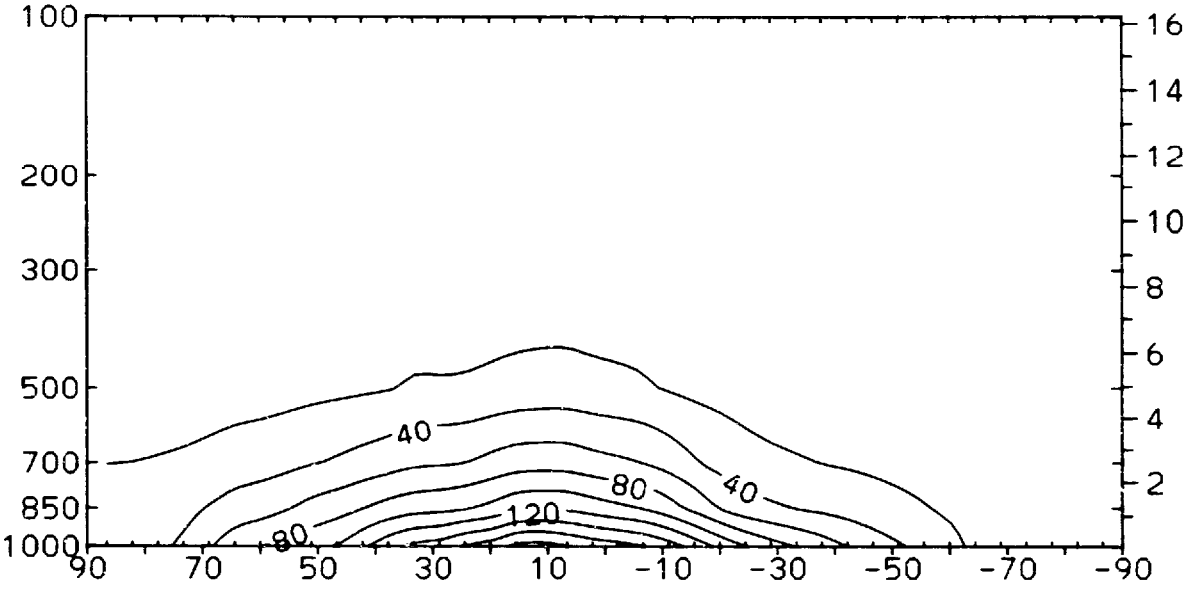



CONTOUR FROM -0.20000E-01 TO 0.20000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= -0.15770E-04 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

Q (g kg$^{-1}$ X 10)

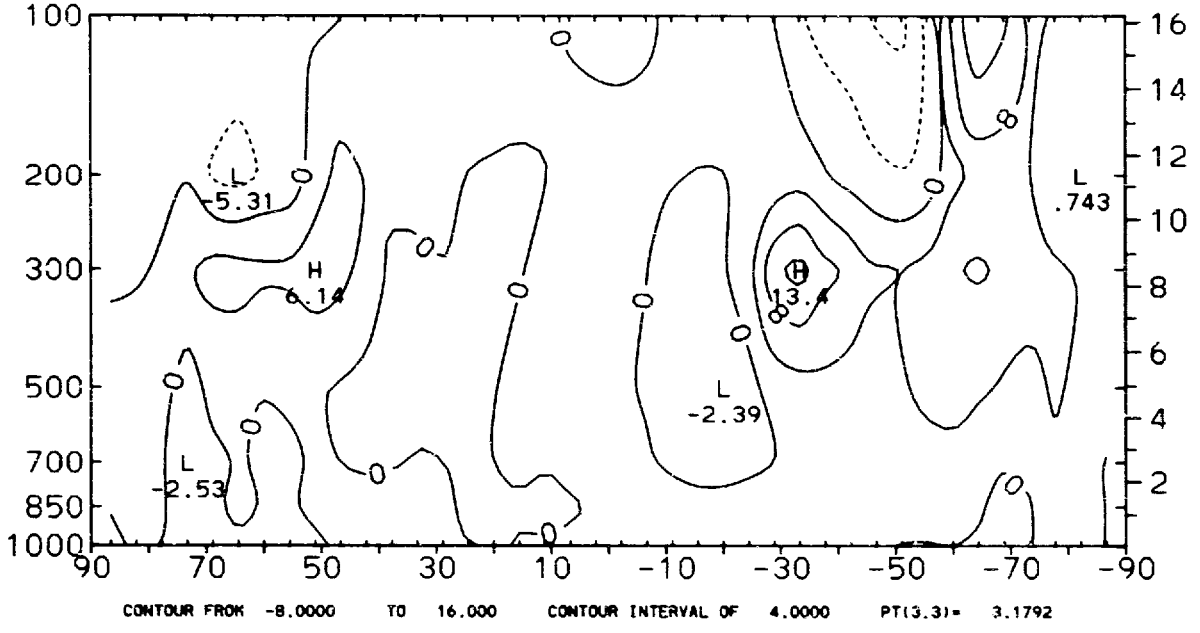



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.30101E-03 LABELS SCALED BY 1000.

FRAME 1.114

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

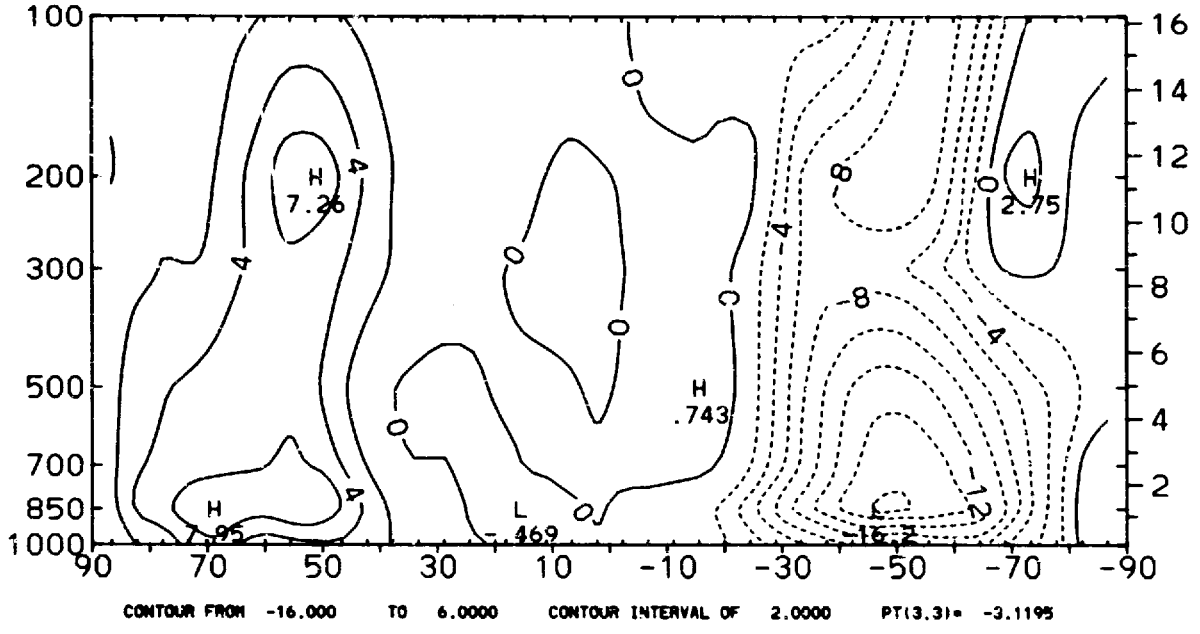
UTP ($^0$ K m s$^{-1}$)




FRAME 1.115

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

VTP ($^0$ K m s$^{-1}$)

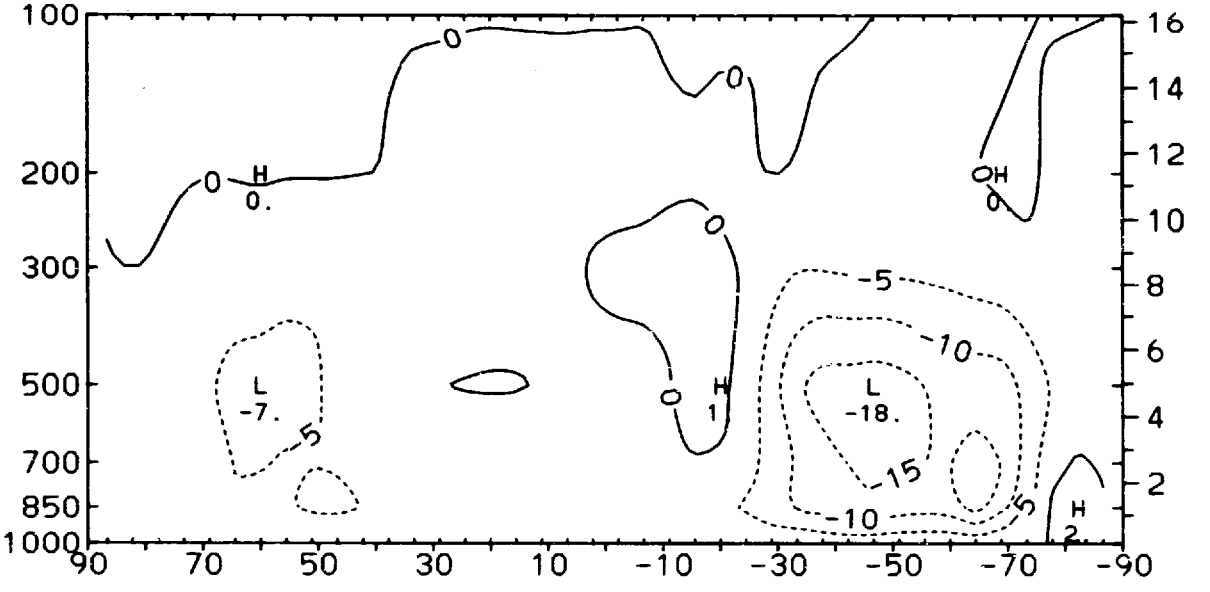



CONTOUR FROM -16.000 TO 6.0000 CONTOUR INTERVAL OF 2.0000 PT(3.3)= -3.1195

FRAME 1.116

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

WTP ($^0$ K mb s$^{-1}$ X $10^4$)

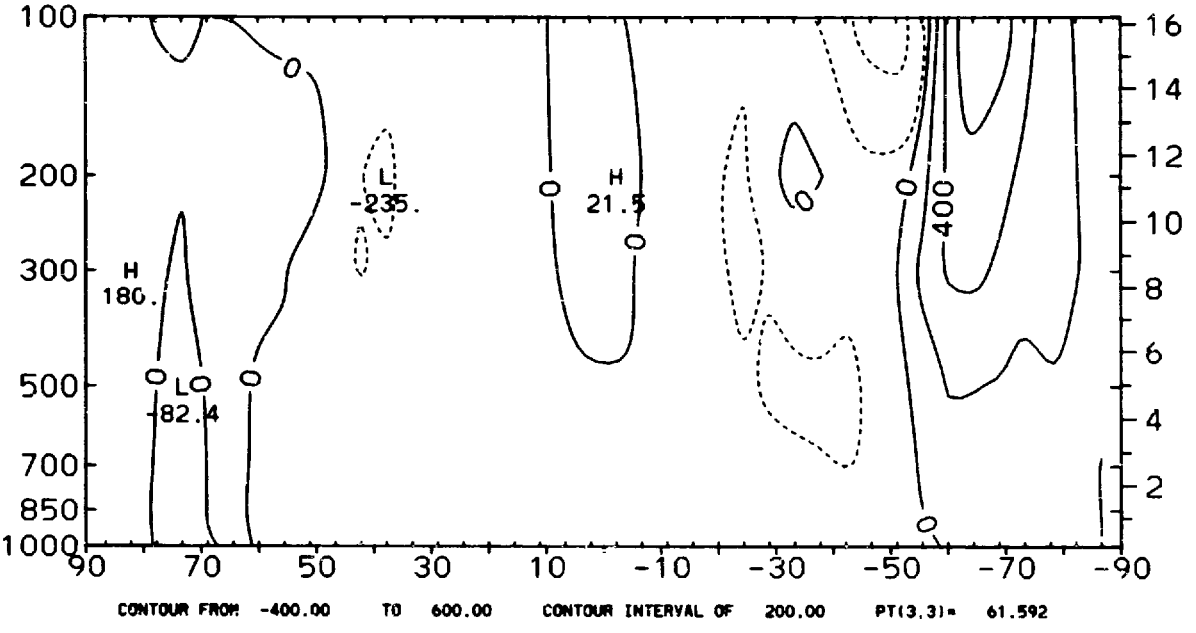



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.11874E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

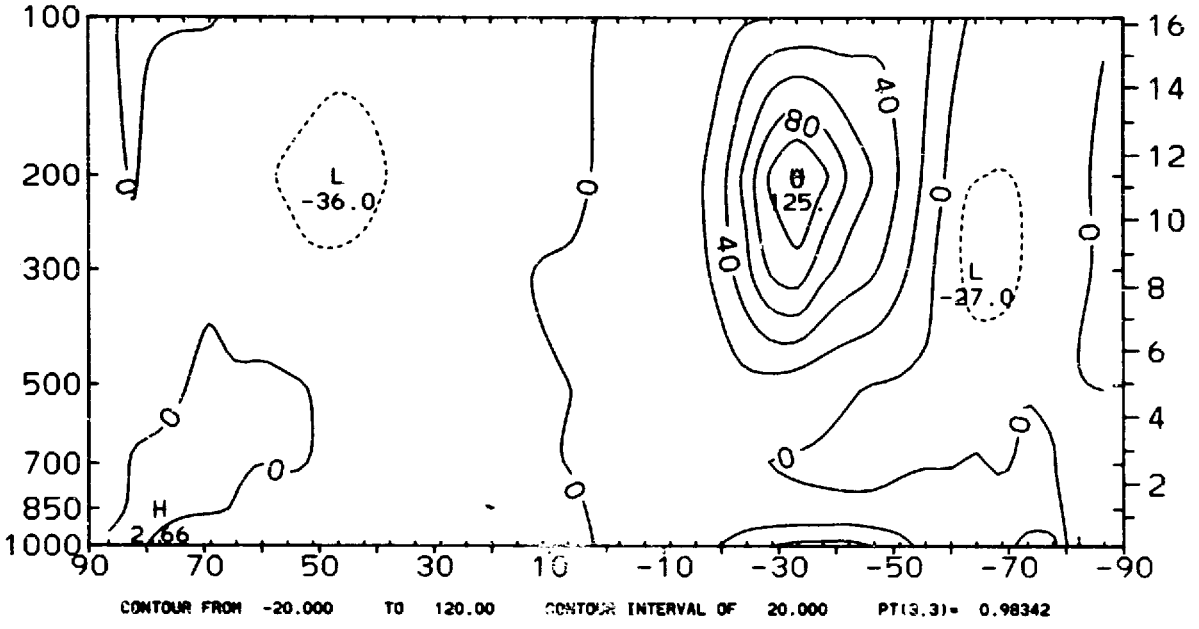
UZP $(m^2 s^{-1})$




FRAME 1.118

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

VZP $(m^2 s^{-1})$



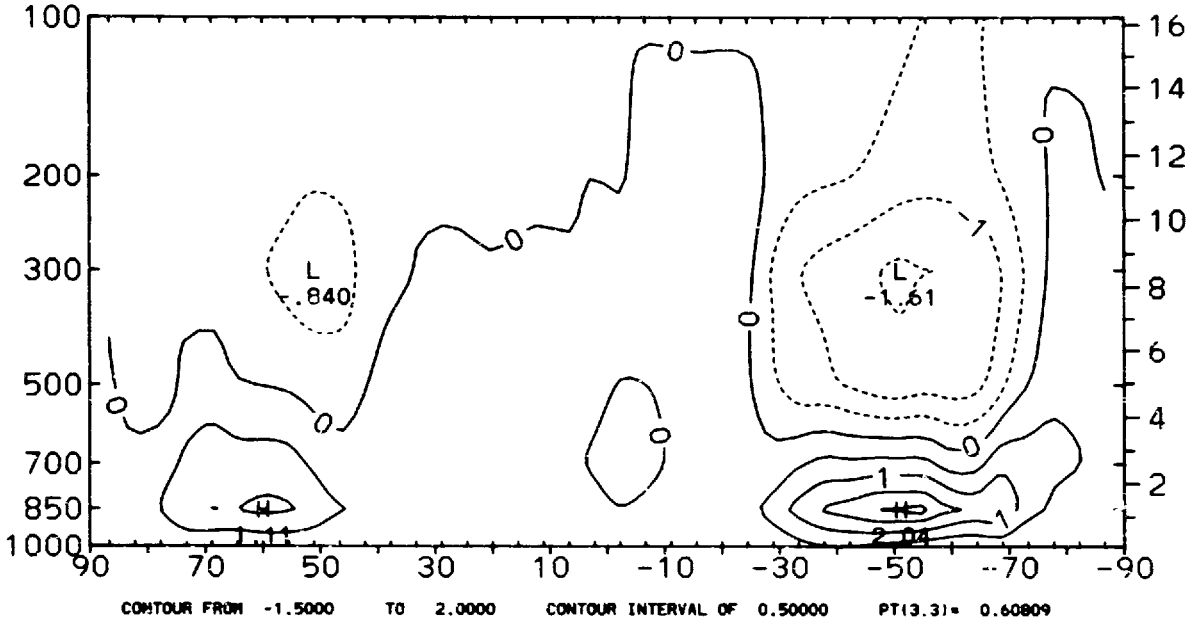

CONTOUR FROM -20.000 TO 120.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 0.98342

FRAME 1.119

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

WZP

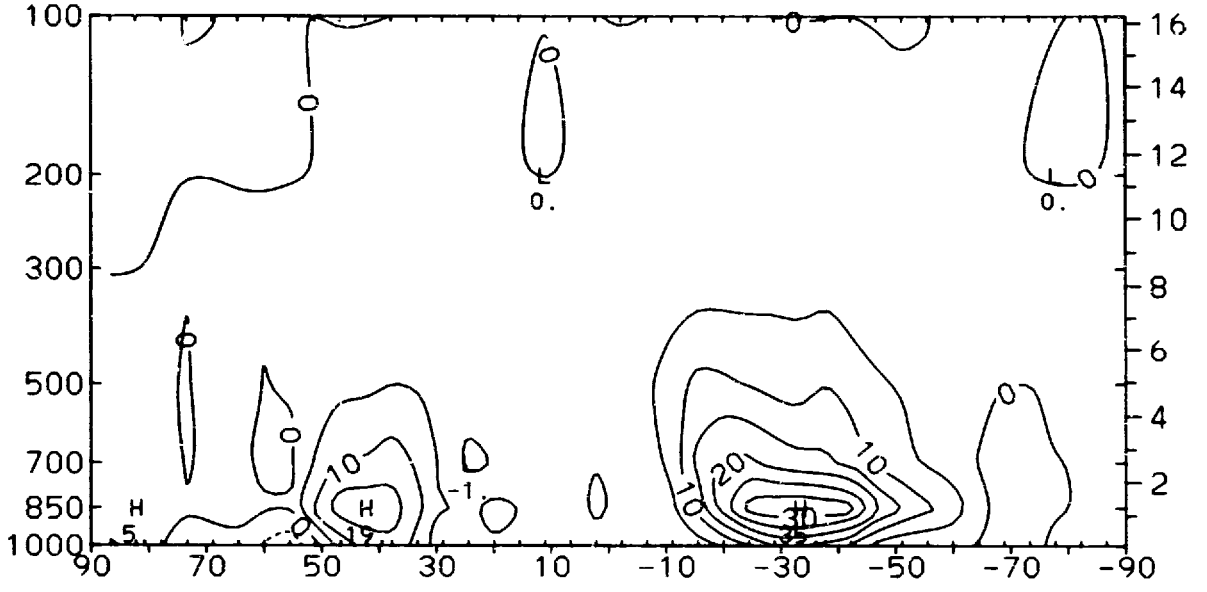
(mb m s$^{-1}$ X 10$^2$)




FRAME 1.120

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

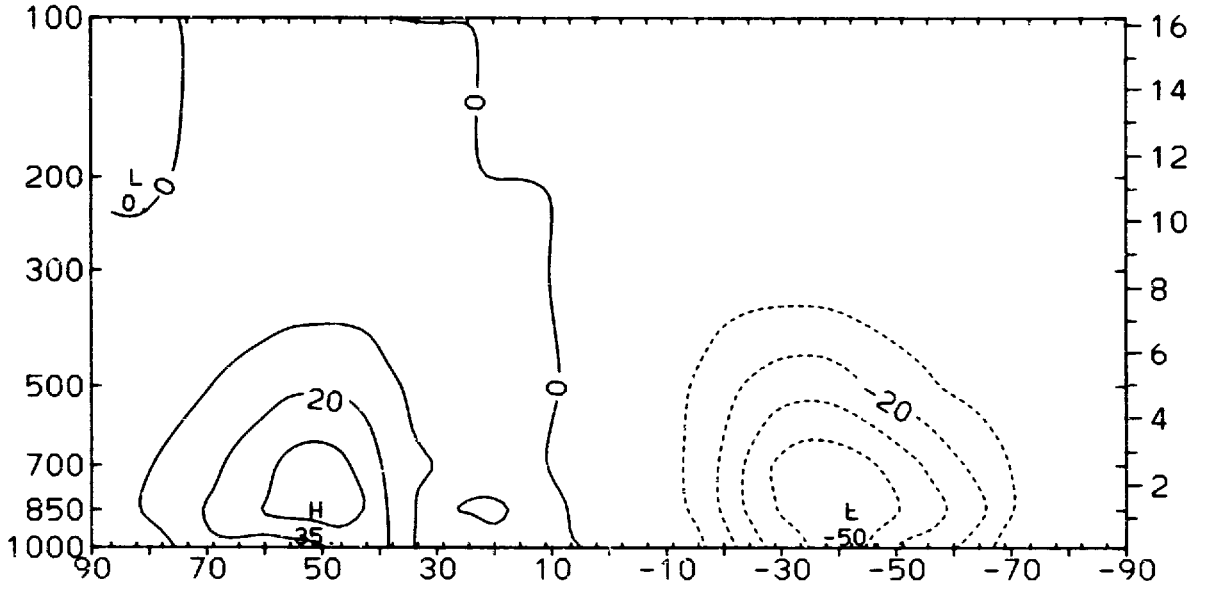



CONTOUR FROM -0.50000E-03 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.71271E-05 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

VQP $((g\,kg^{-1})m\,s^{-1}$ X 10)

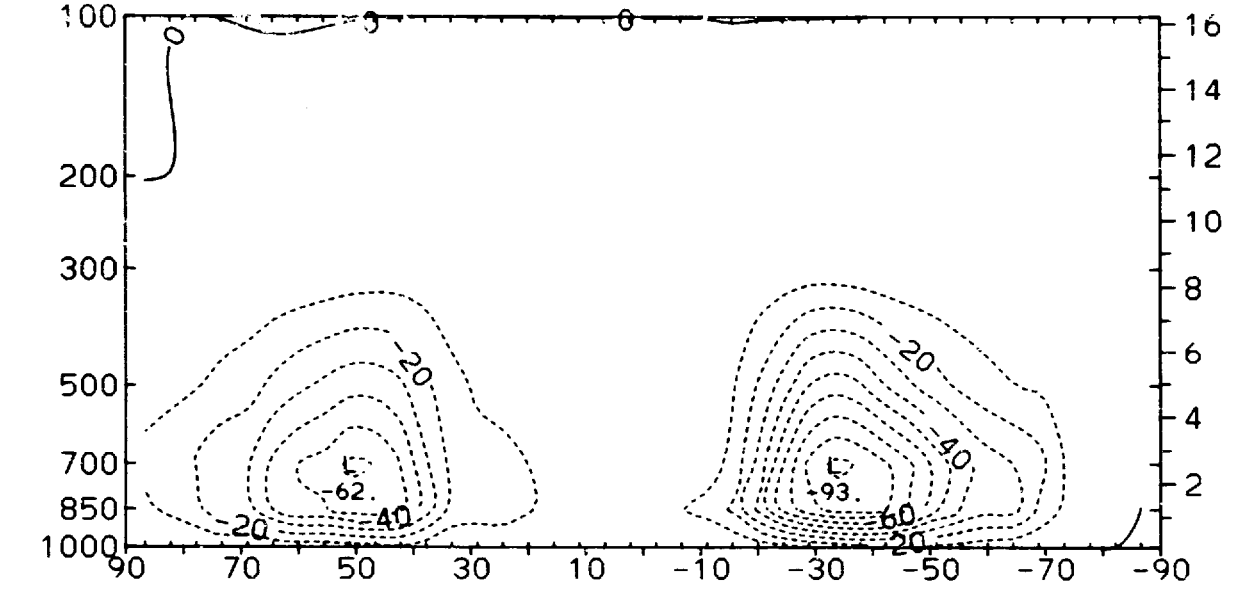



CONTOUR FROM -0.50000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.23173E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

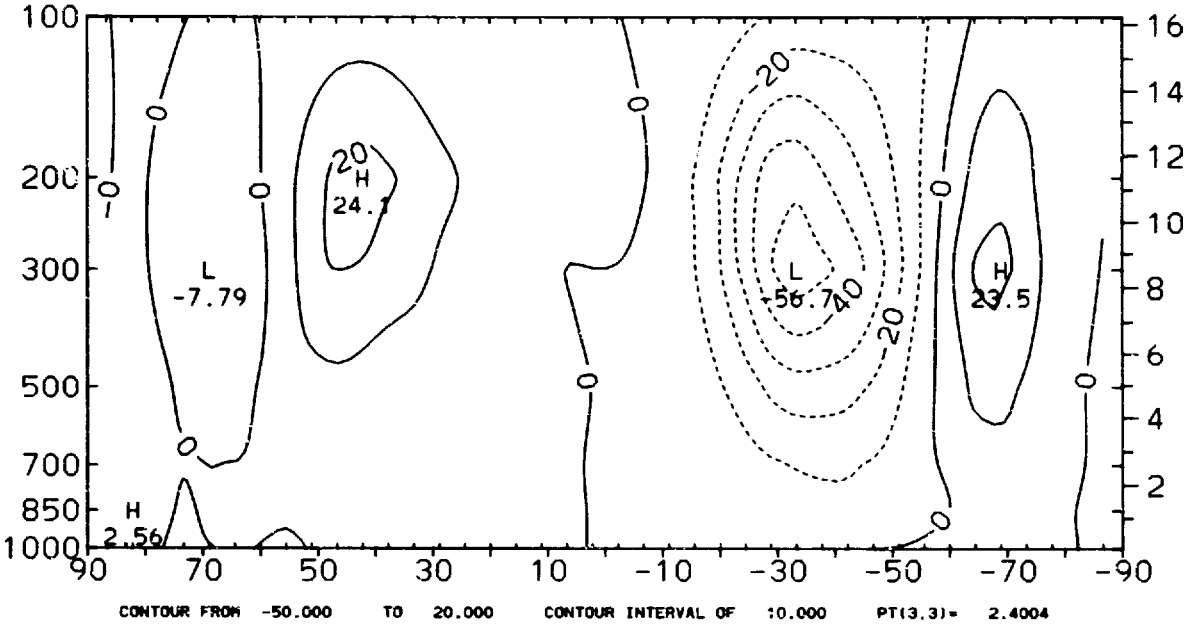



CONTOUR FROM -0.90000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.35099E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

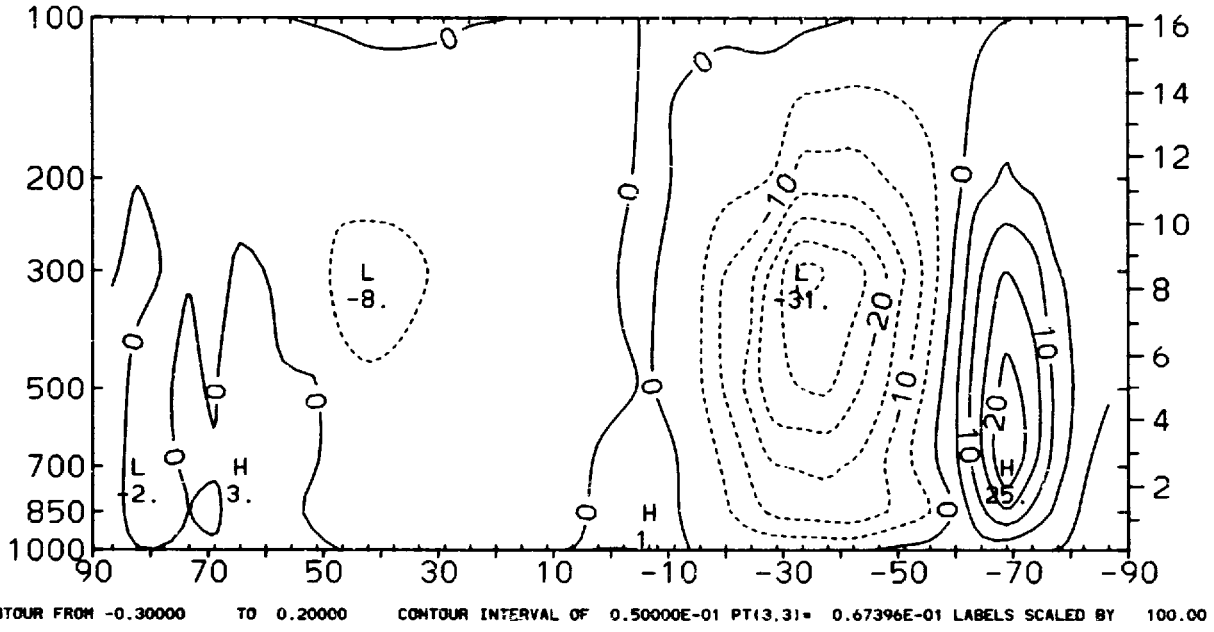
UVP $(m^2 s^{-2})$




FRAME 1.124

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

UWP (mb m s$^{-2}$ X 10$^{4}$)

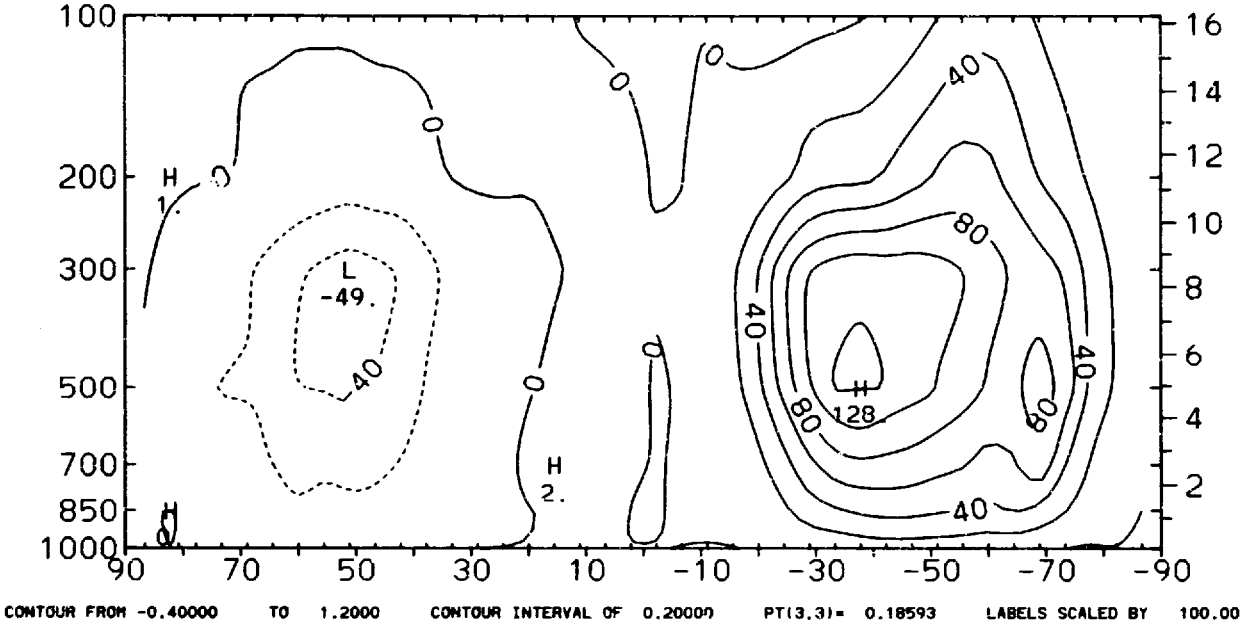



CONTOUR FROM -0.30000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.67396E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

VWP (mb m s$^{-2}$ X 10$^4$)

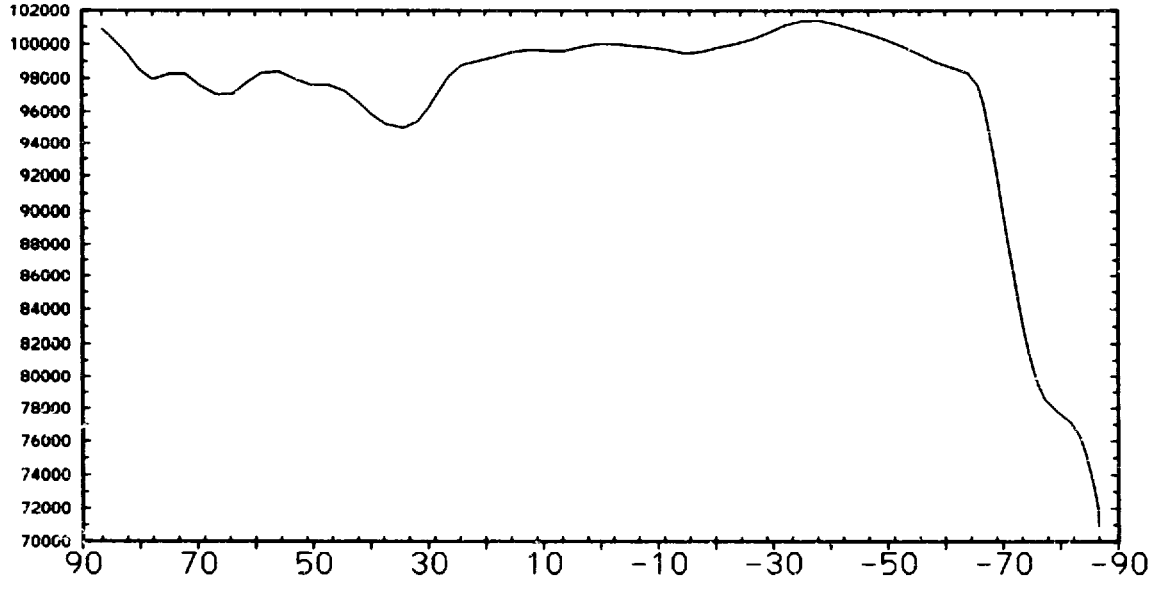



CONTOUR FROM -0.40000 TO 1.2000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.18593 LABELS SCALED BY 100.00

FRAME 1.126

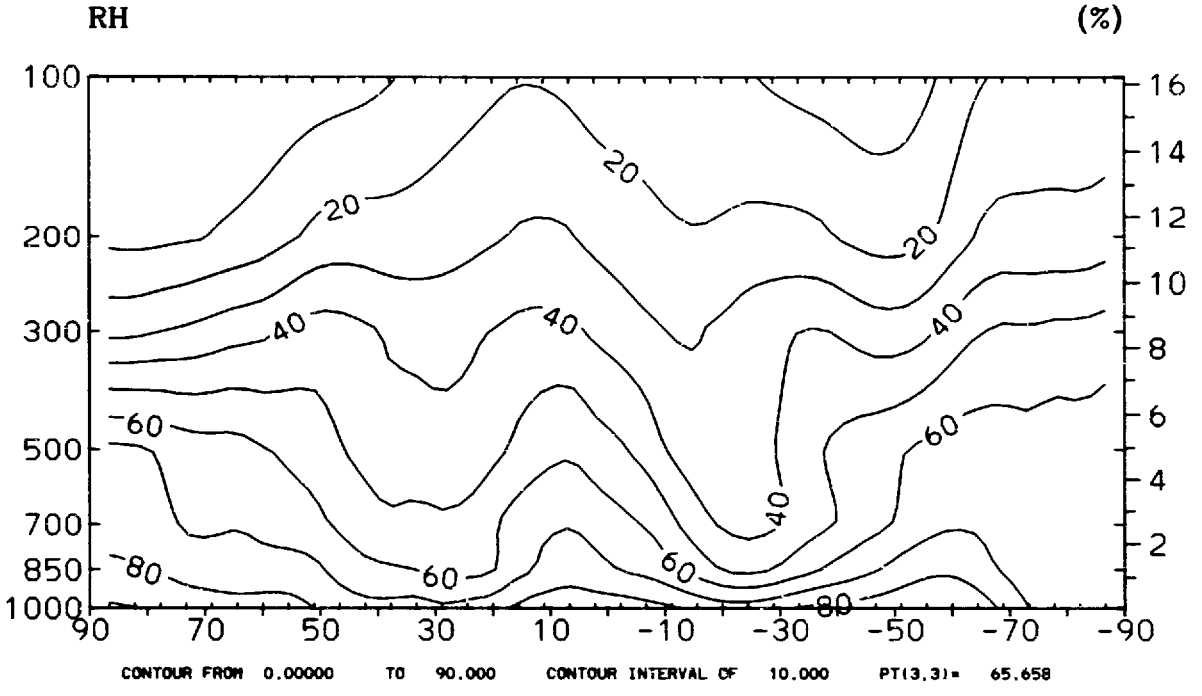
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)



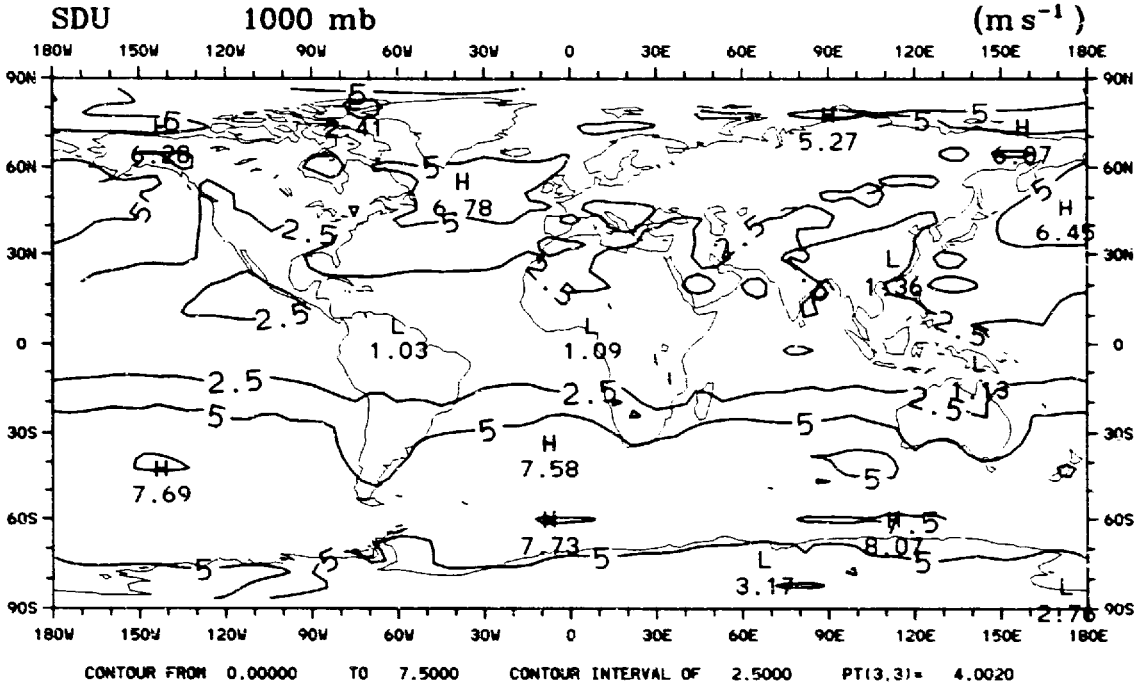

FRAME 1.127

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



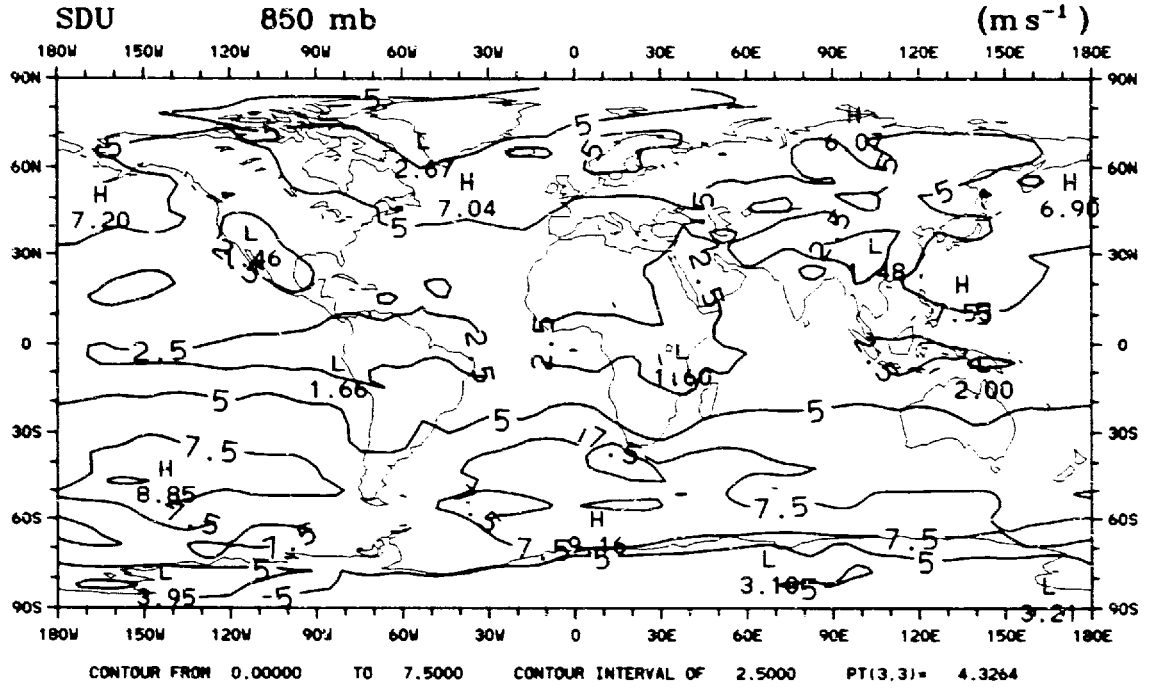

FRAME 1.128

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.1

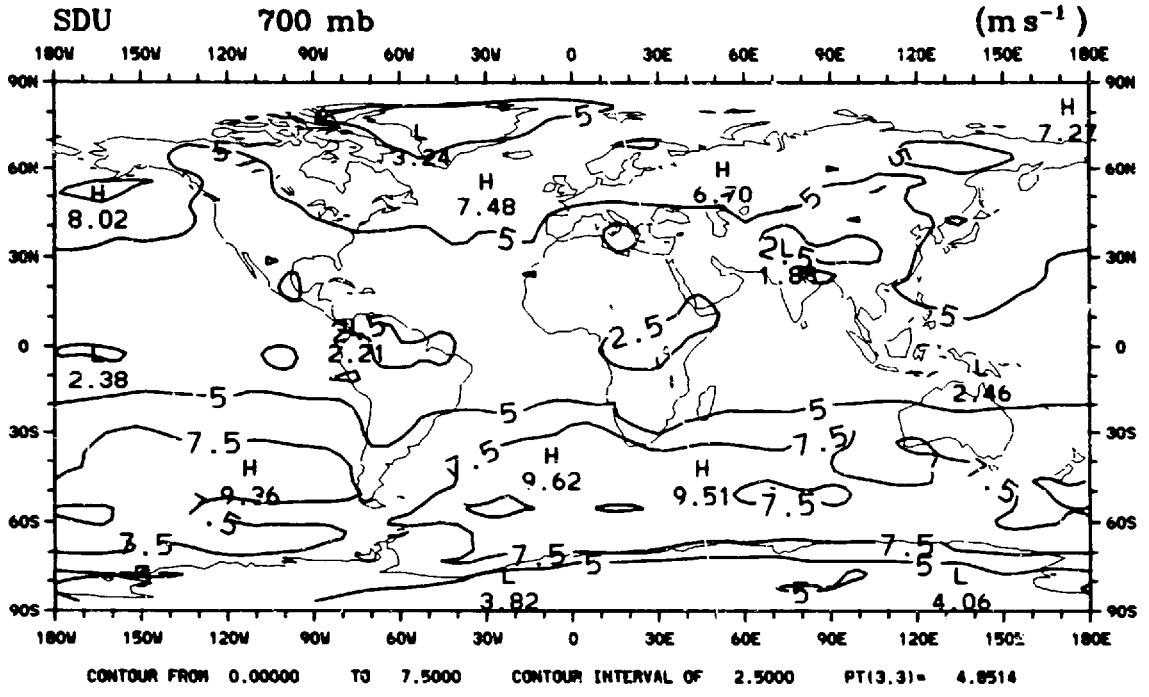
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



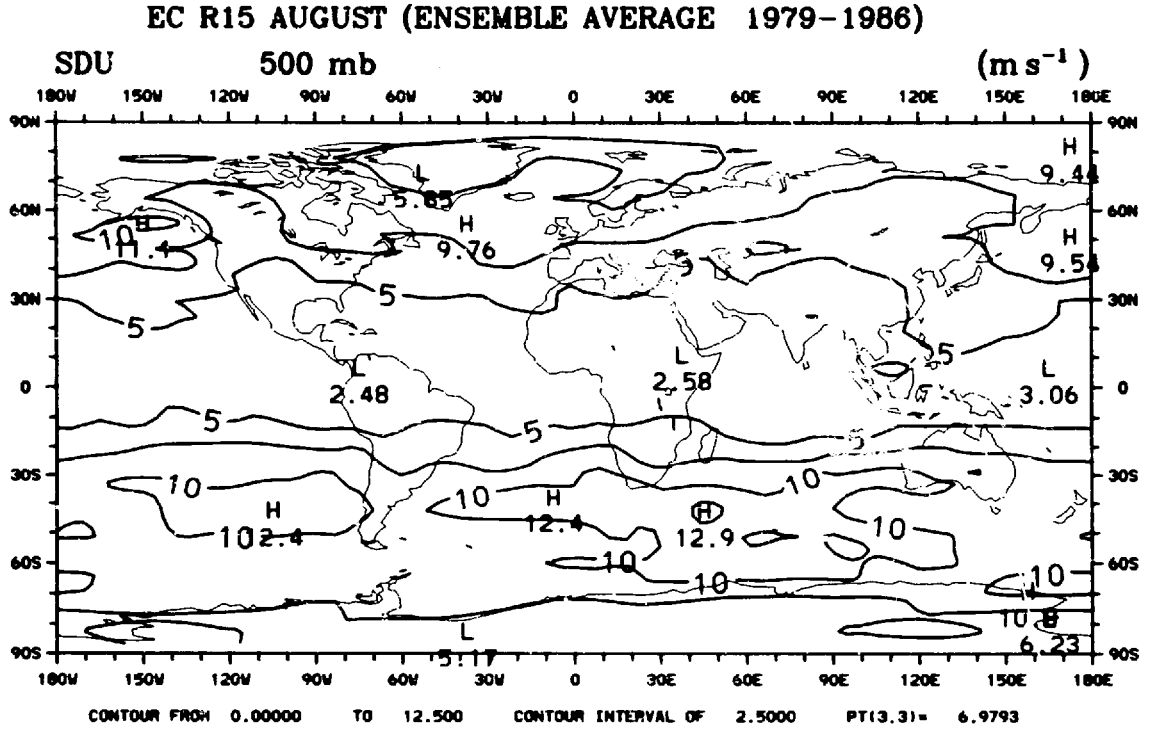

CONTOUR FROM 0.00000 TO 7.5000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 4.3264

FRAME 2.2

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

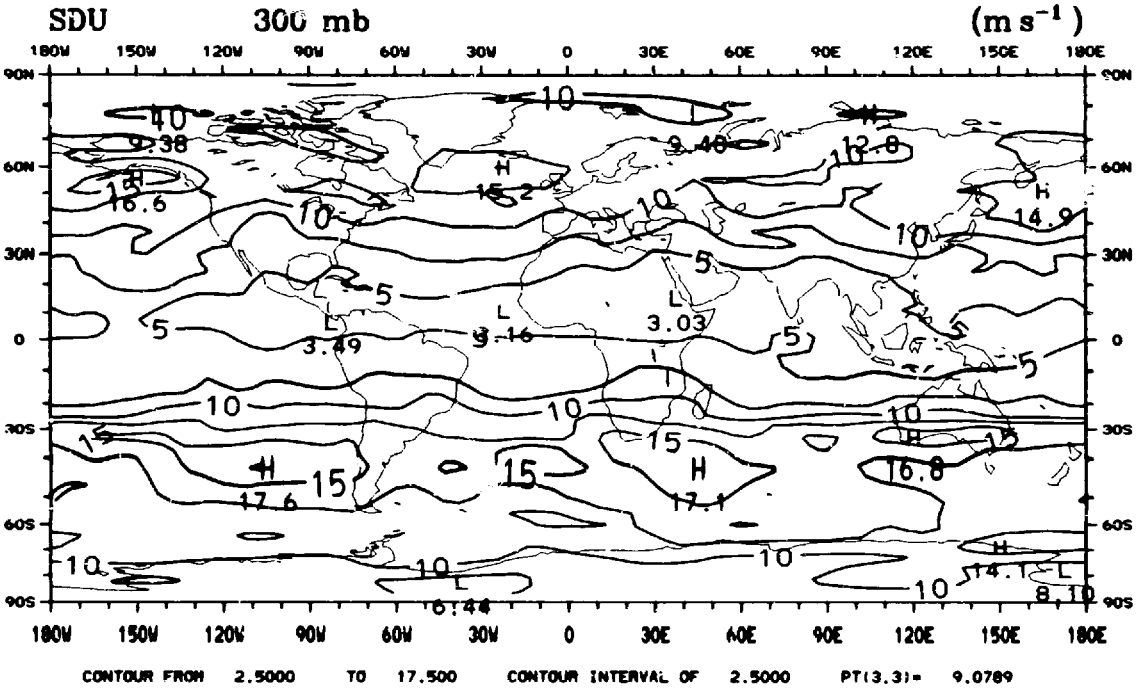



FRAME 2,3


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
SDU
500 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 9.44
H 9.76
H 9.54
L 5.65
L 2.48
L 2.58
L 3.06
H 12.4
H 12.9
L 5.17
6.23
5
10
CONTOUR FROM 0.00000 TO 12.500 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 6.9793

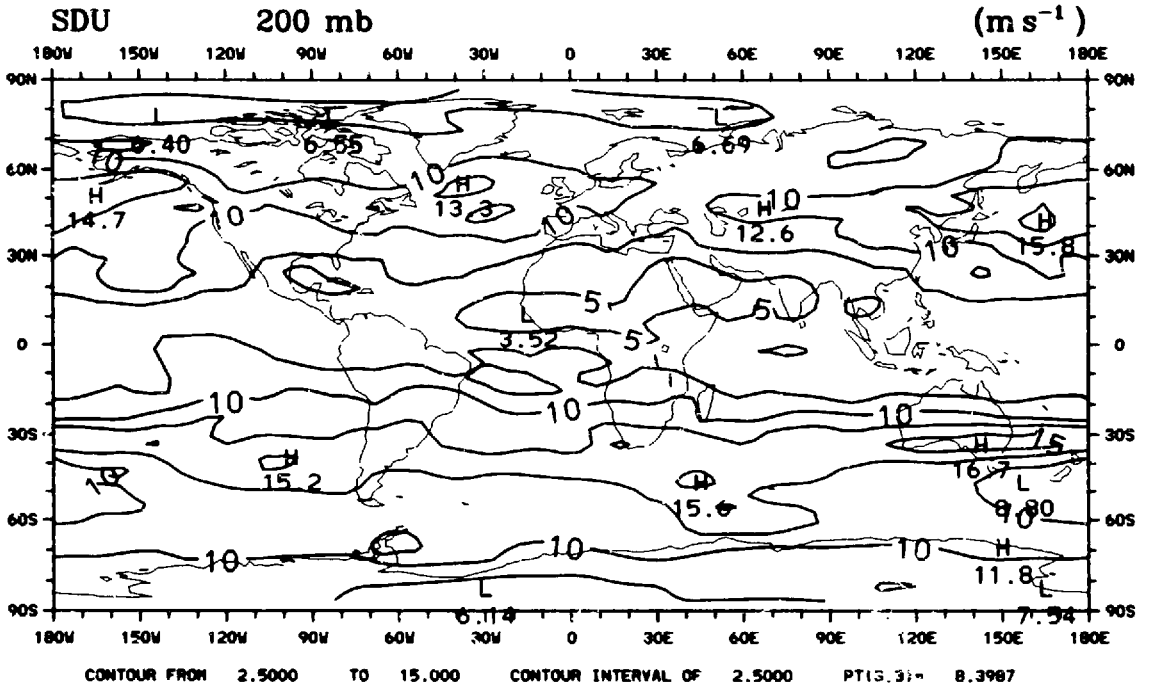
FRAME 2.4

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



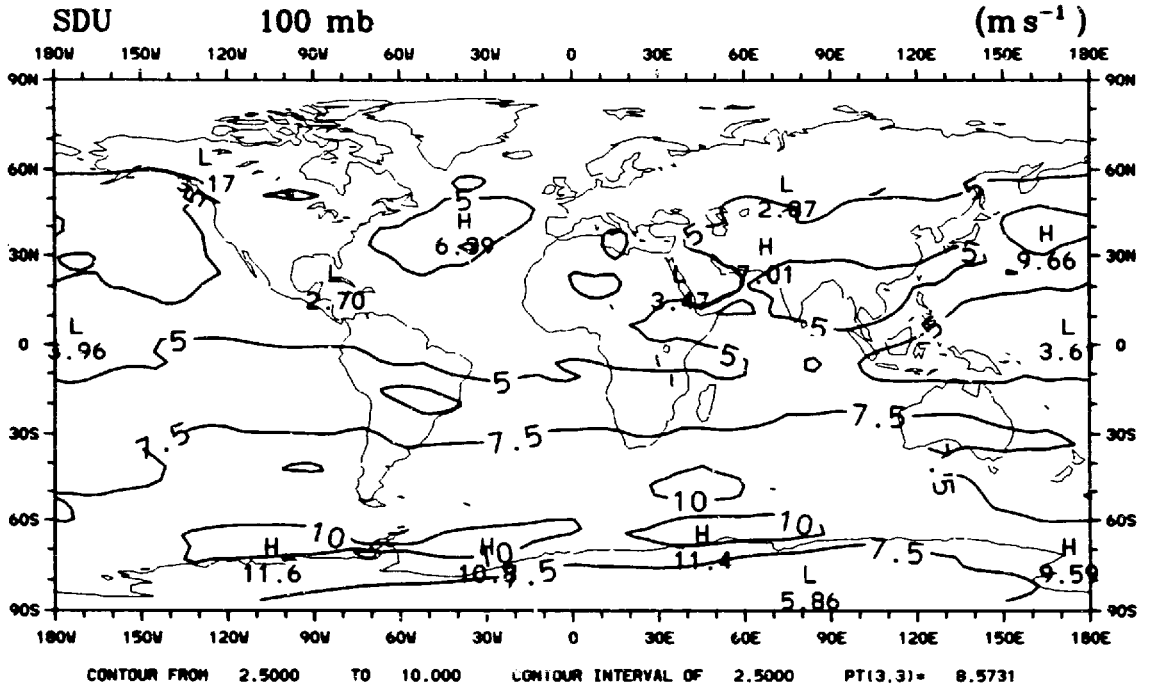

FRAME 2.5

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



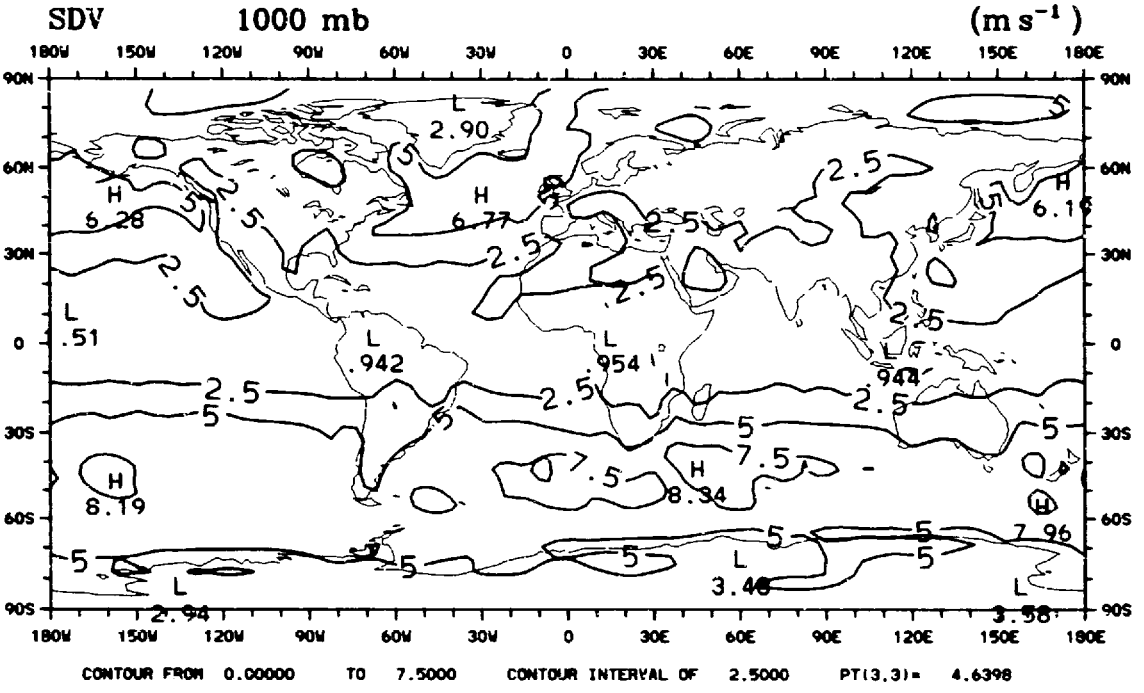

FRAME 2.6

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



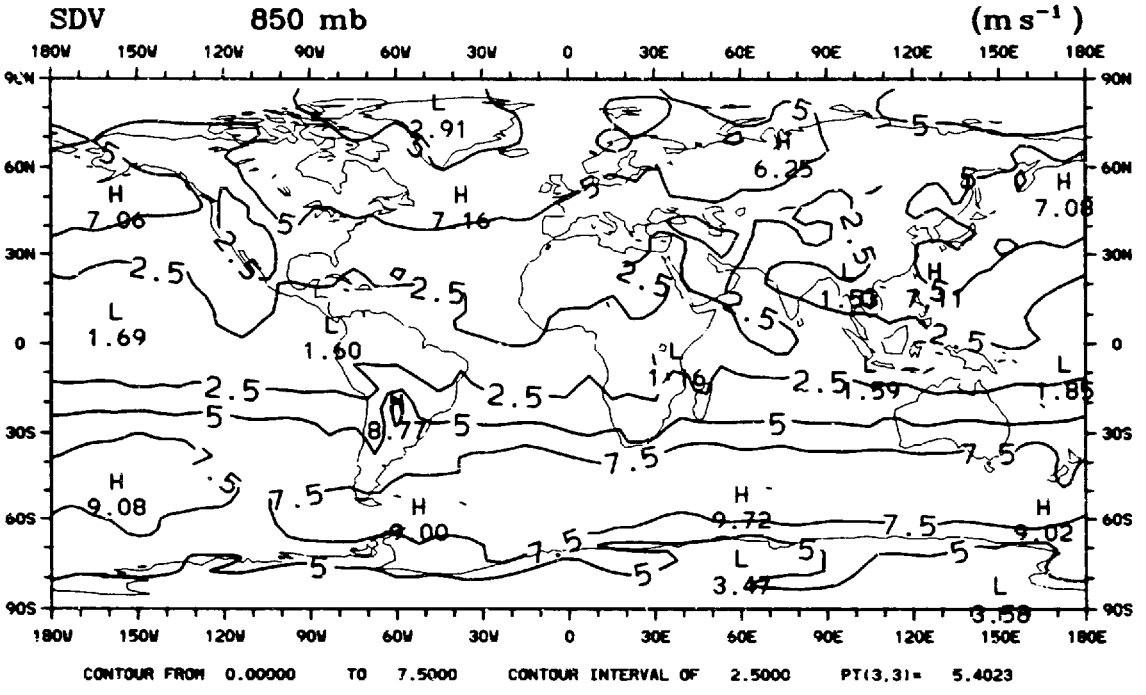

FRAME 2.7

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

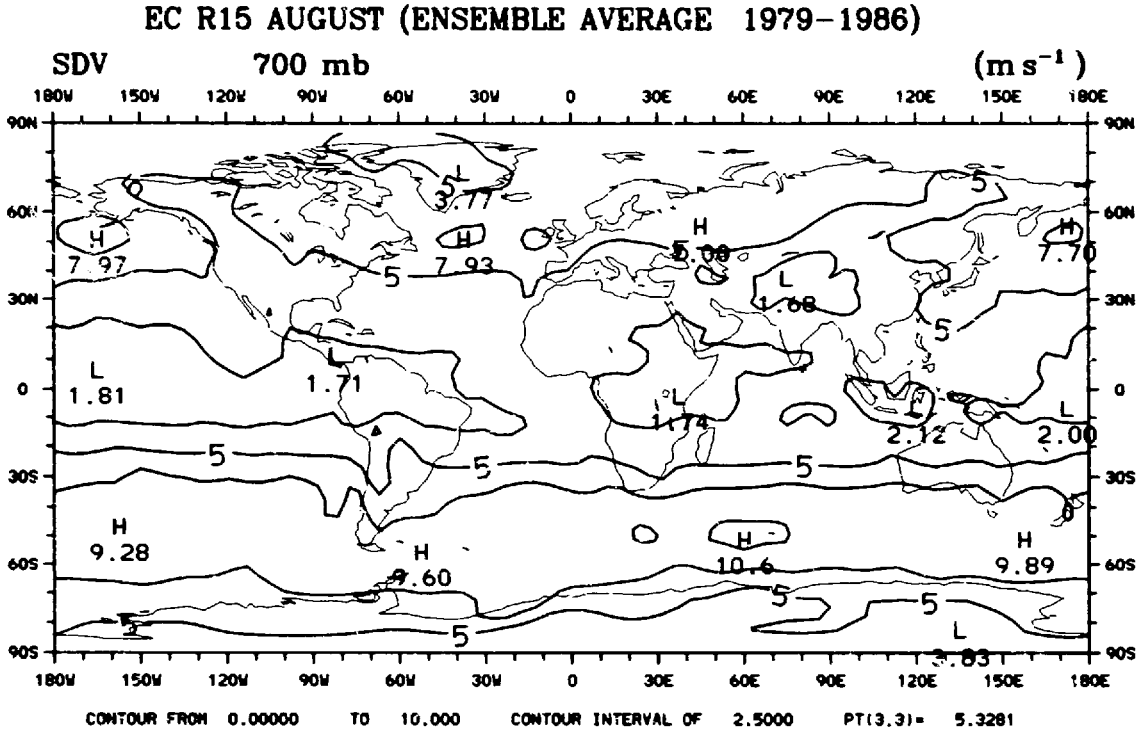



FRAME 2.8

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

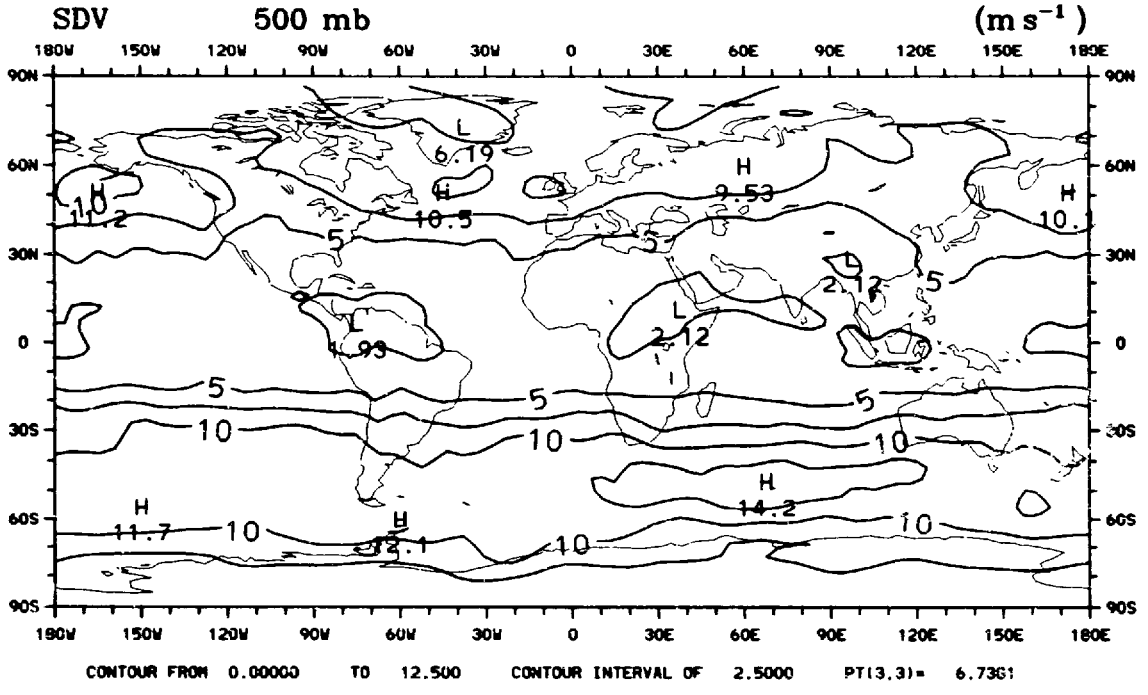



FRAME 2.9


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
SDV
700 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 7.97
H 7.93
L 3.77
H 5.08
L 1.68
H 7.70
L 1.81
L 1.71
L 1.74
L 2.12
L 2.00
H 9.28
H 9.60
H 10.6
H 9.89
L 3.83
5
CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.3281

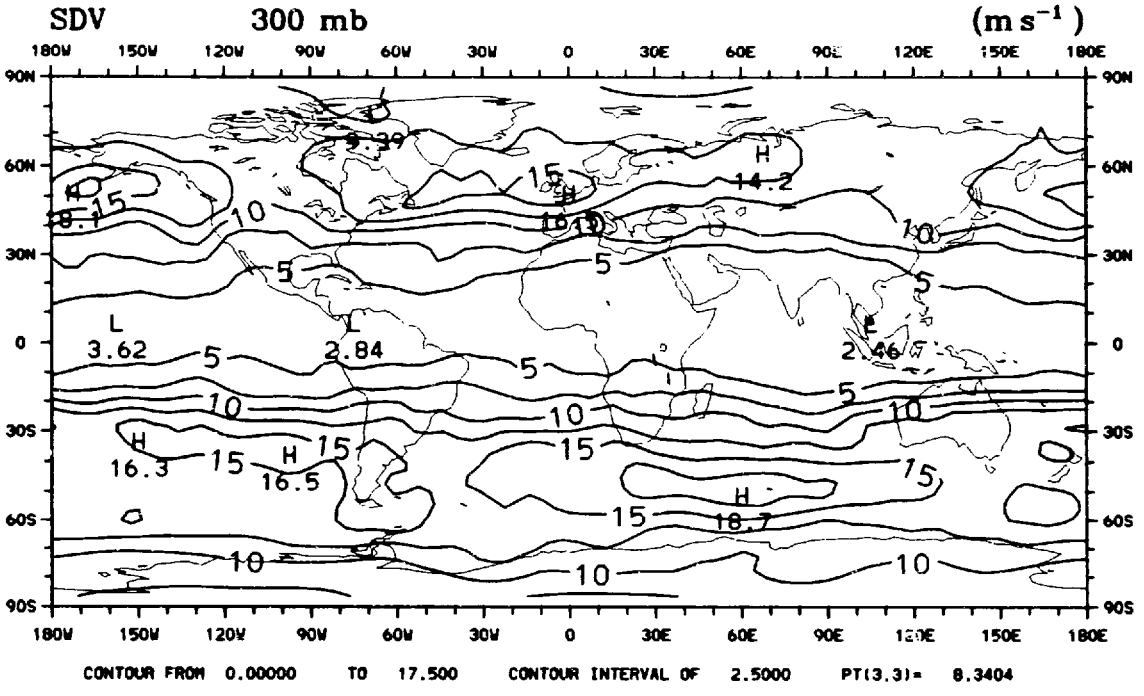
FRAME 2.10

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



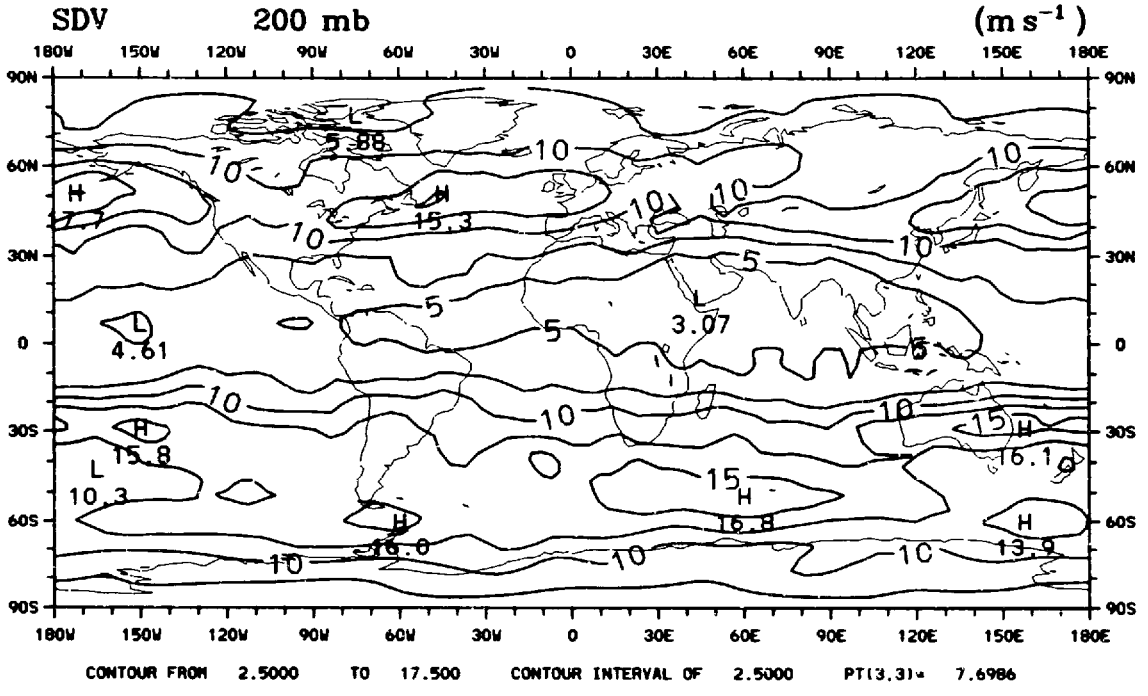

FRAME 2.11

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



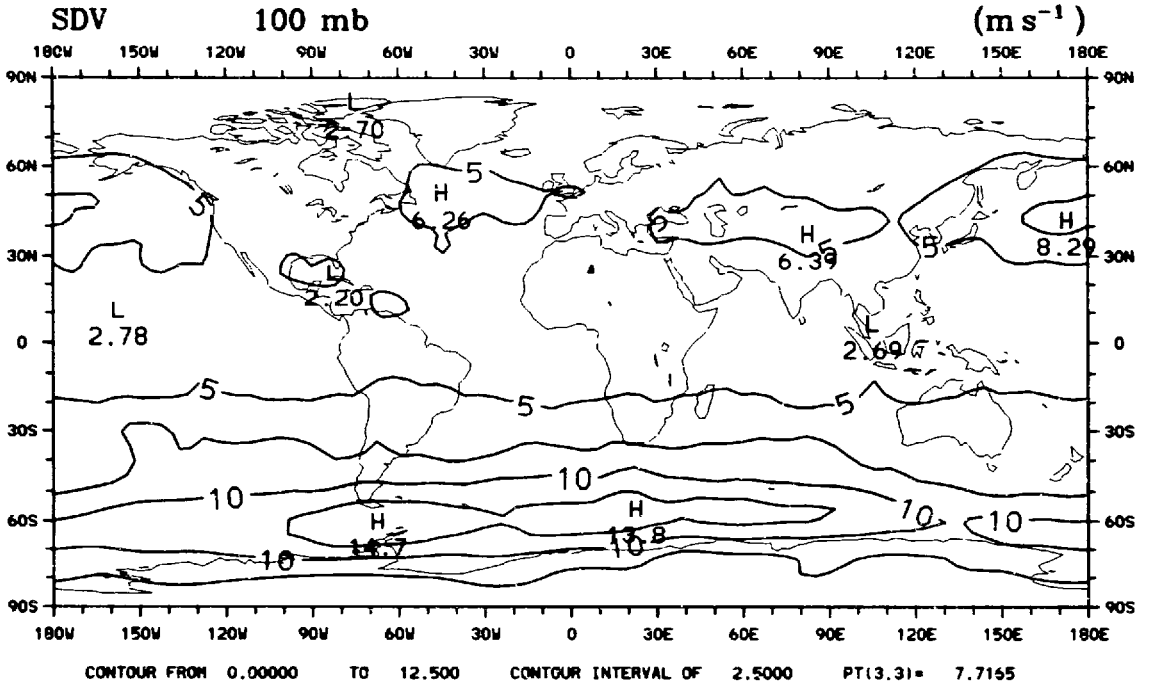

FRAME 2.12

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



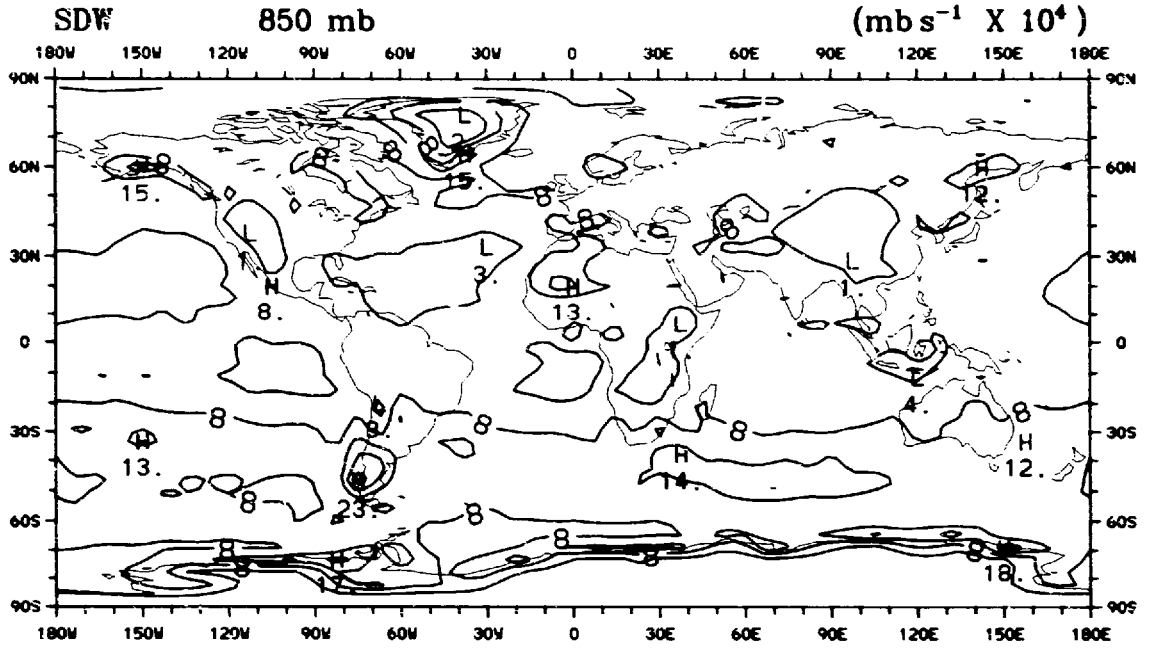

FRAME 2.13

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.14

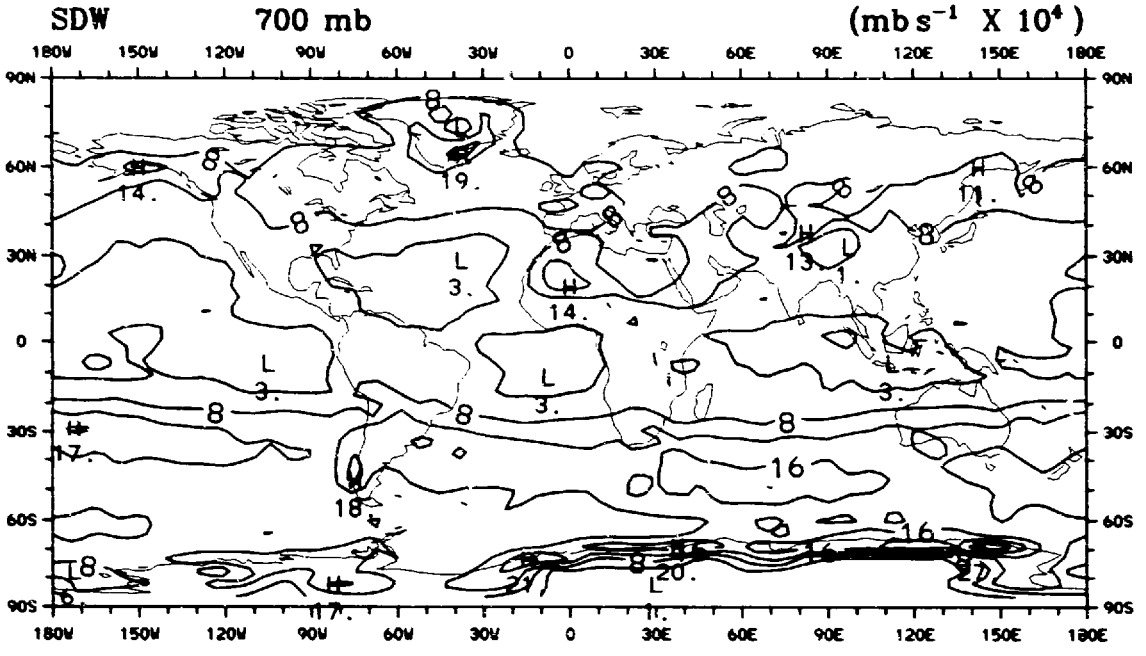
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.58612E-01 LABELS SCALED BY 100.00

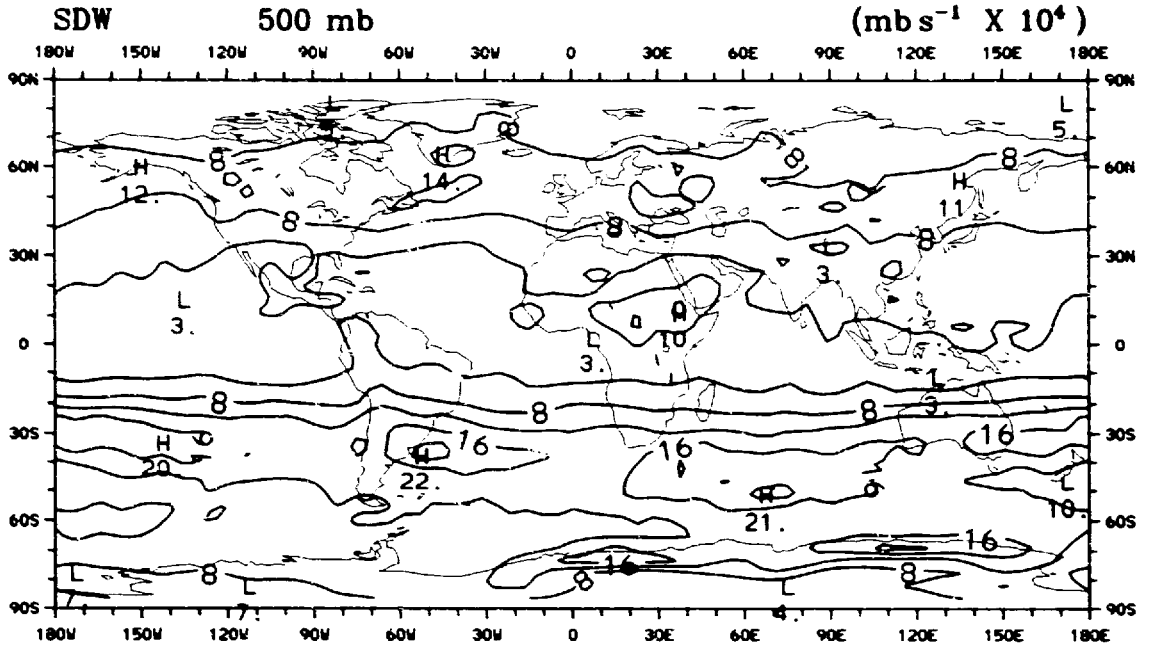
FRAME 2.15

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.16

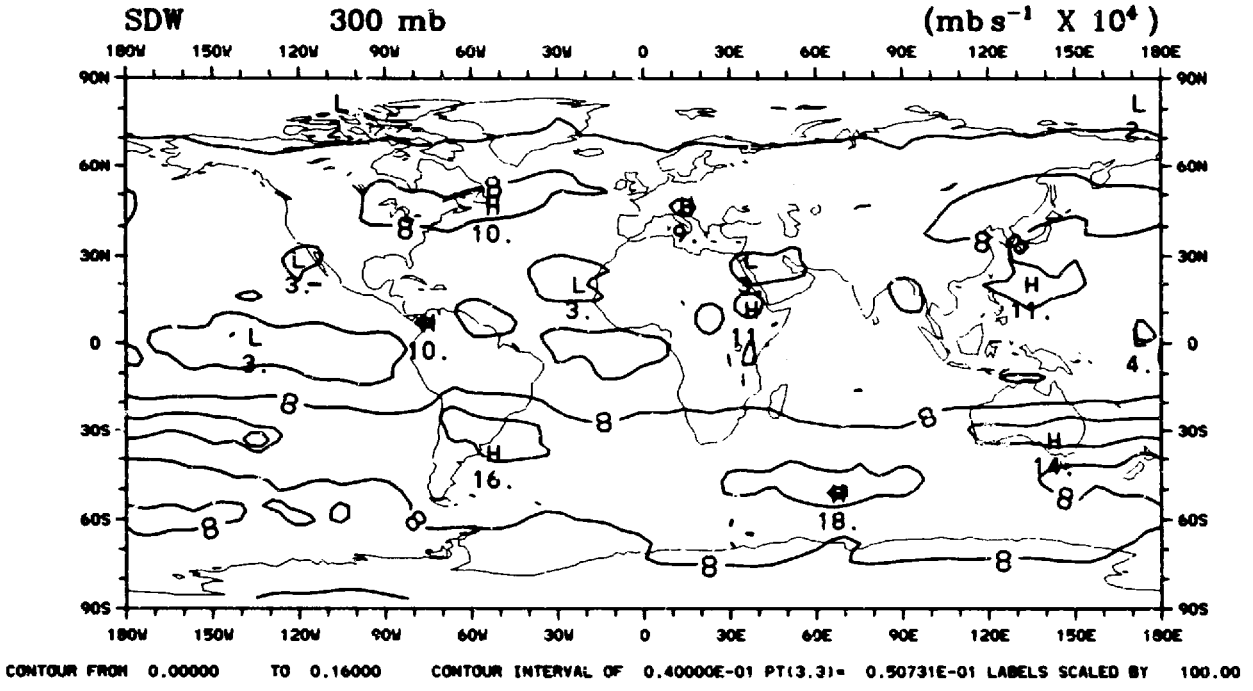
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.71335E-01 LABELS SCALED BY 100.00

FRAME 2.17

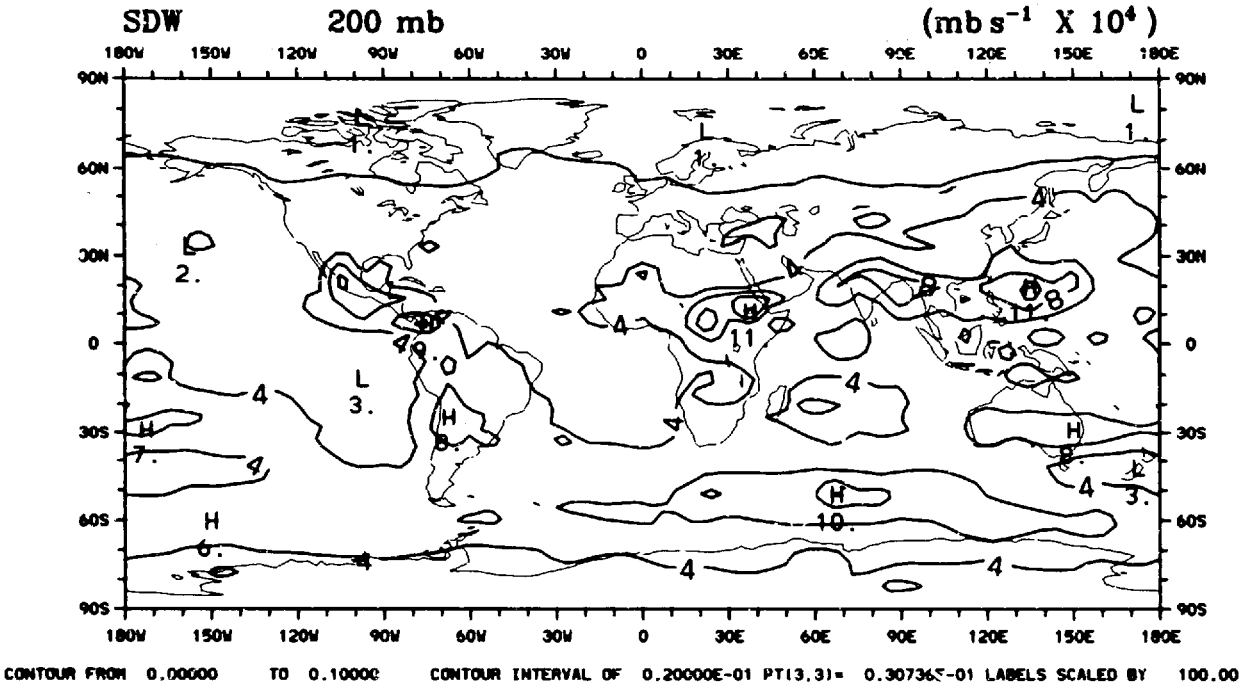
# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.50731E-01 LABELS SCALED BY 100.00

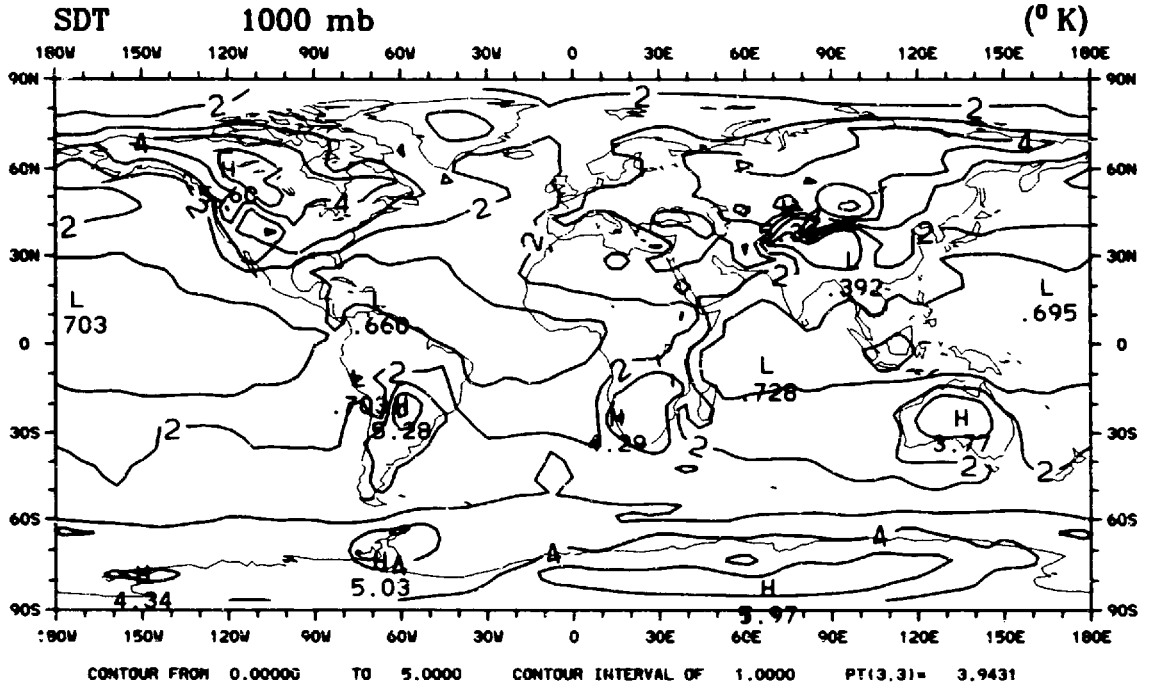
FRAME 2.18

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



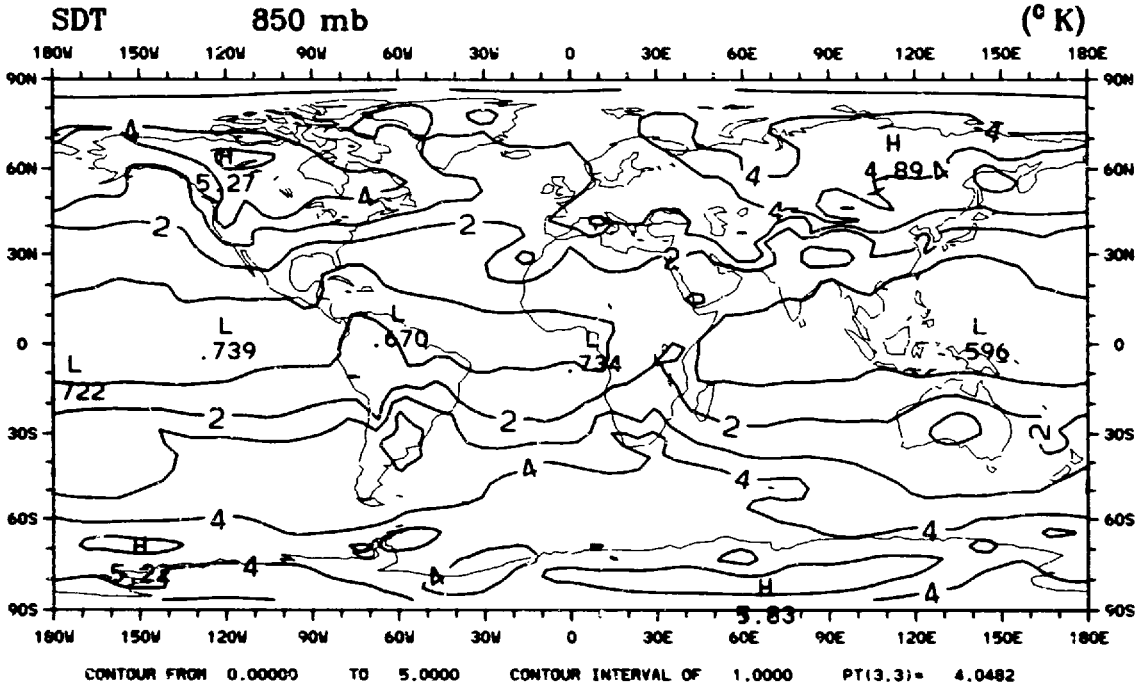

FRAME 2.19

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



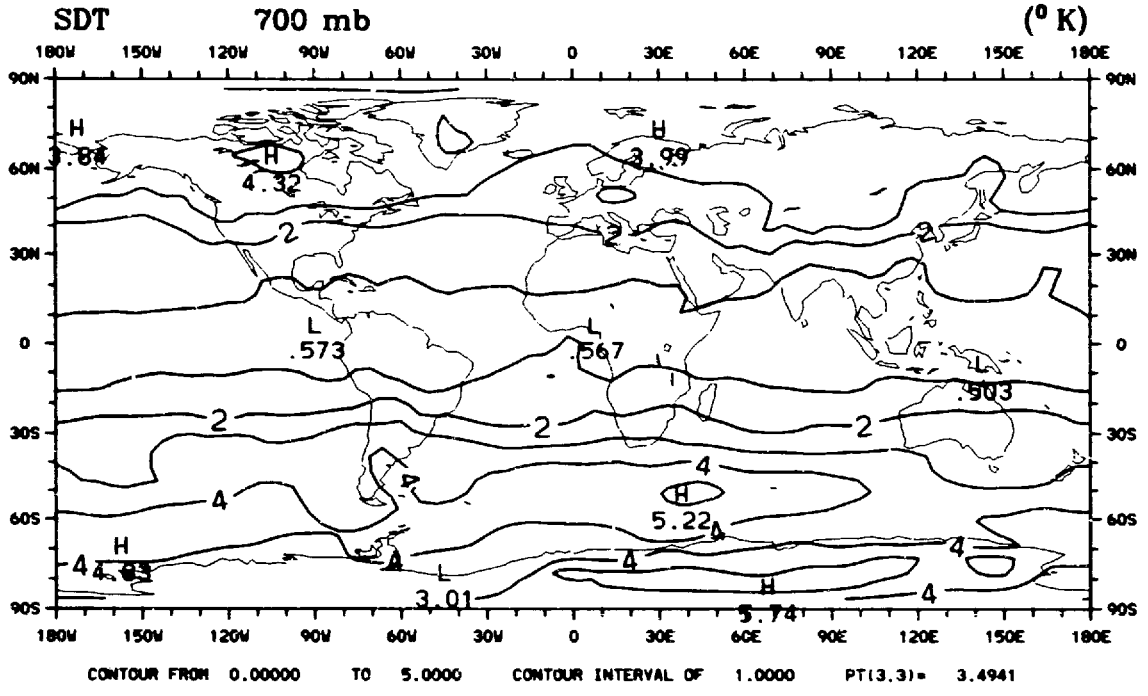

FRAME 2.20

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



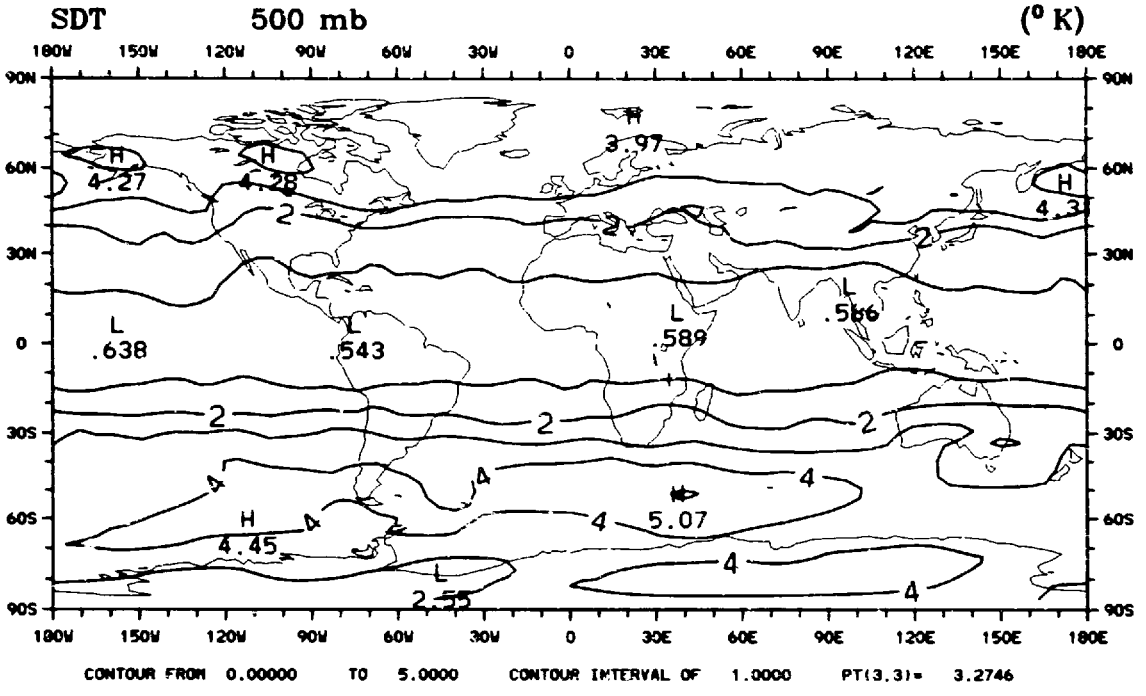

FRAME 2.21

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



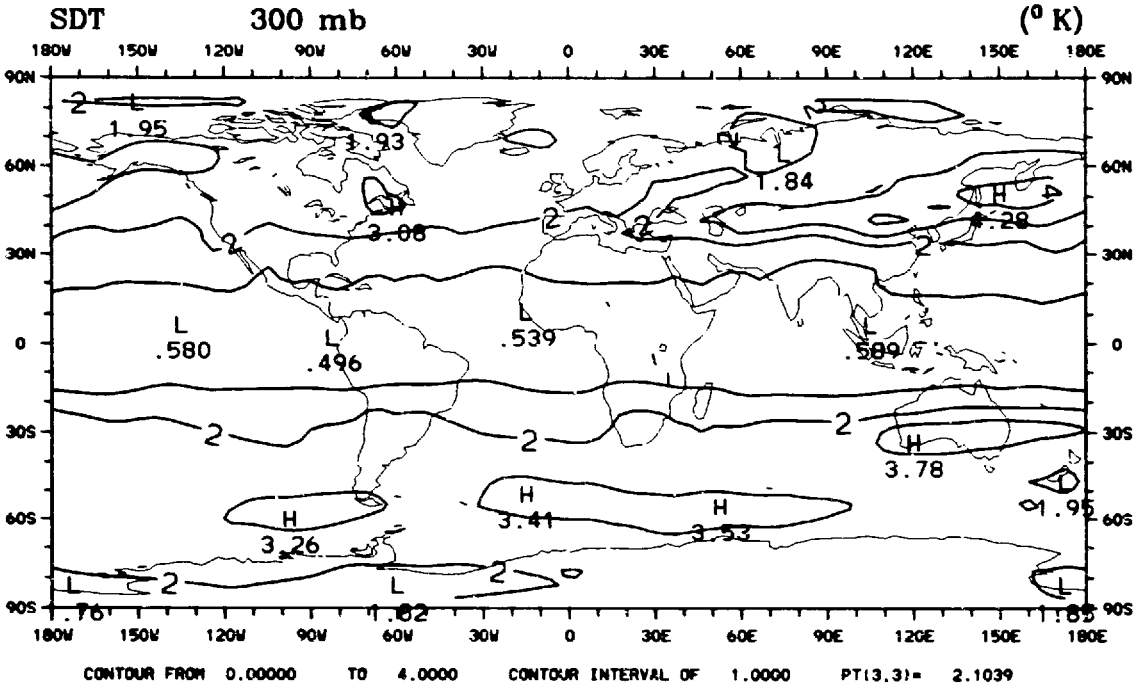

FRAME 2.22

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



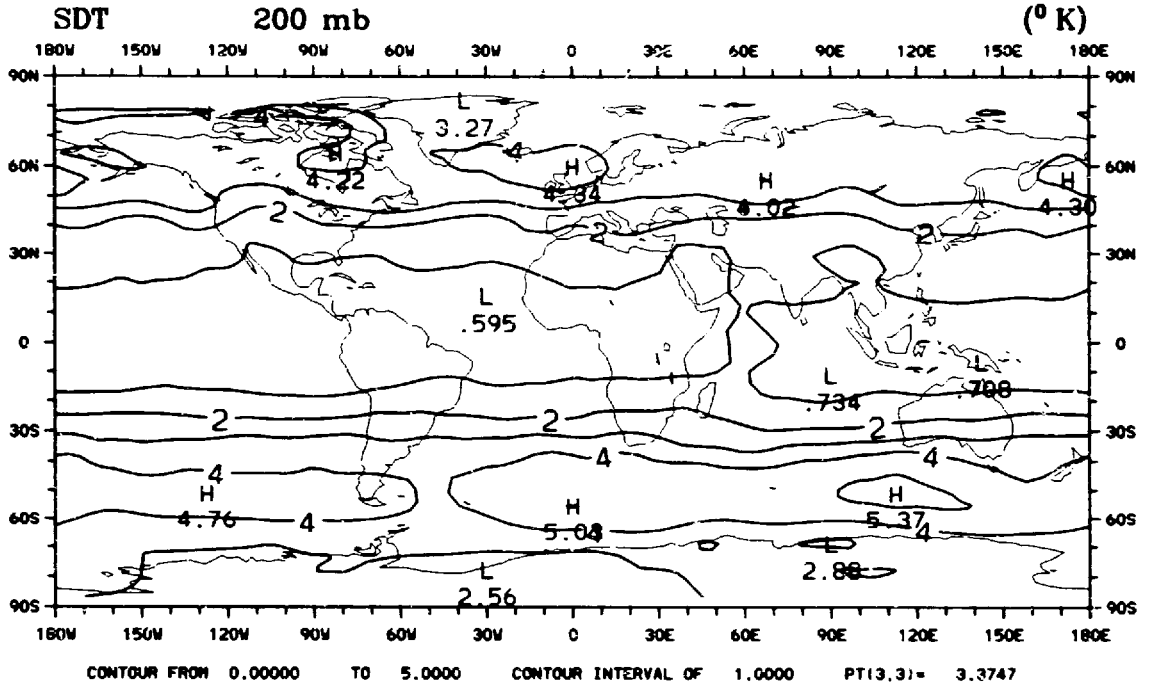

FRAME 2.23

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



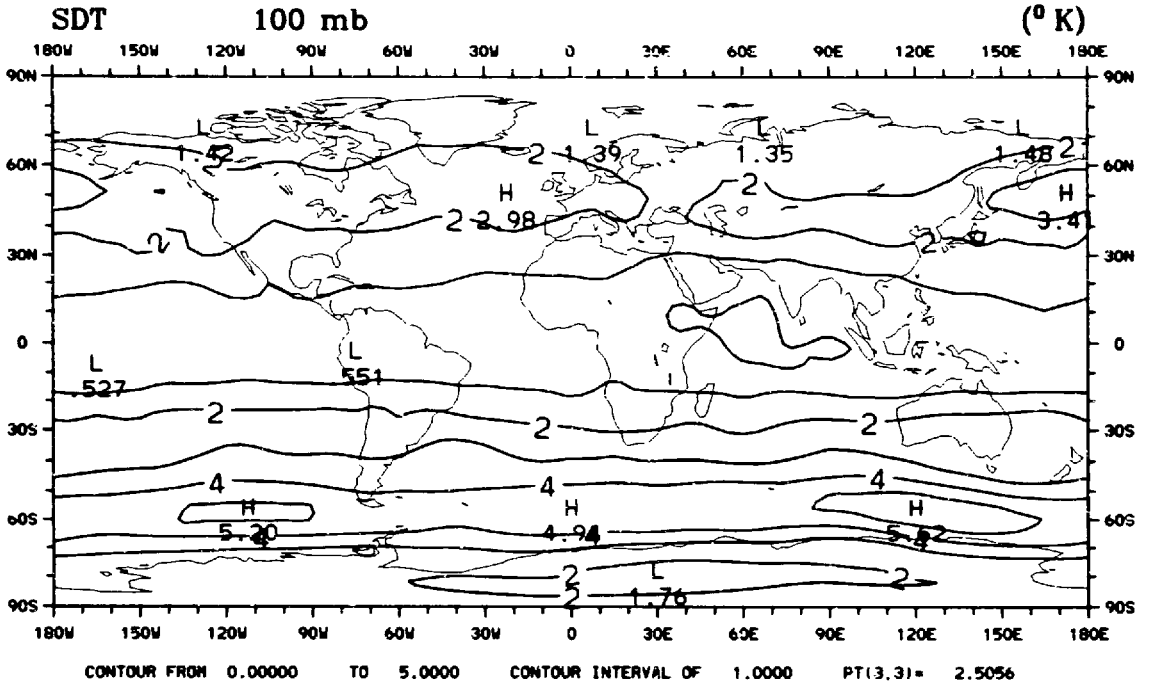

FRAME 2.24

# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



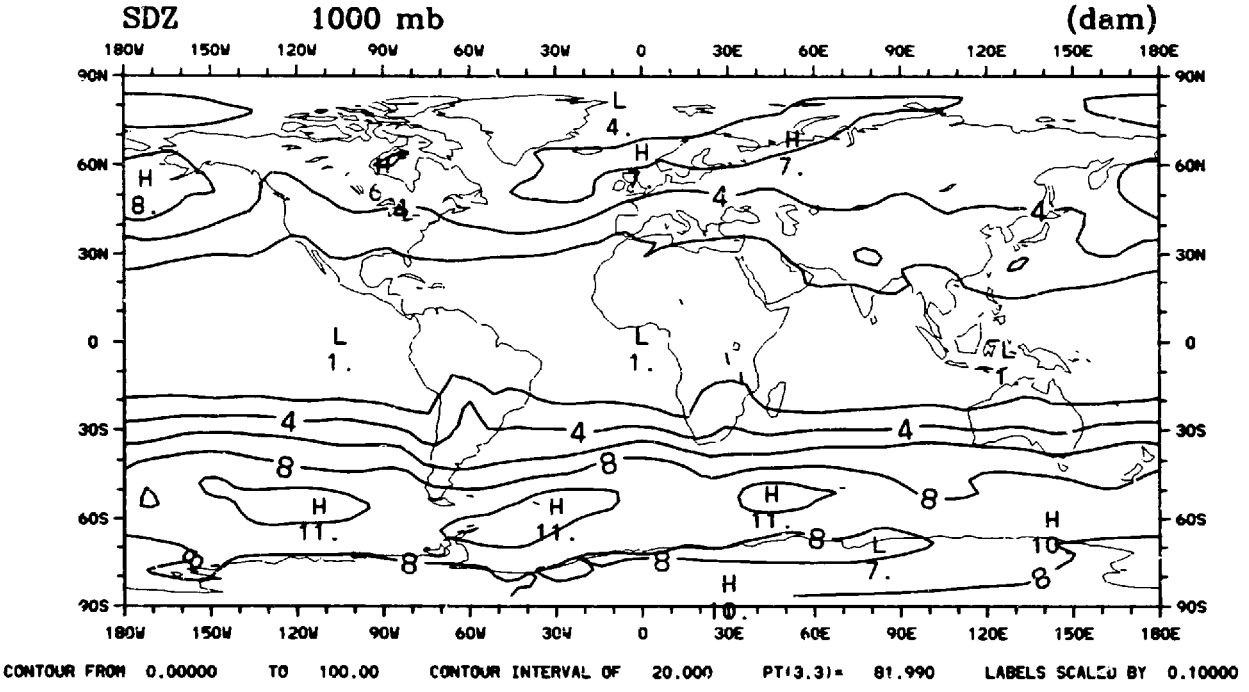

FRAME 2.25

# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



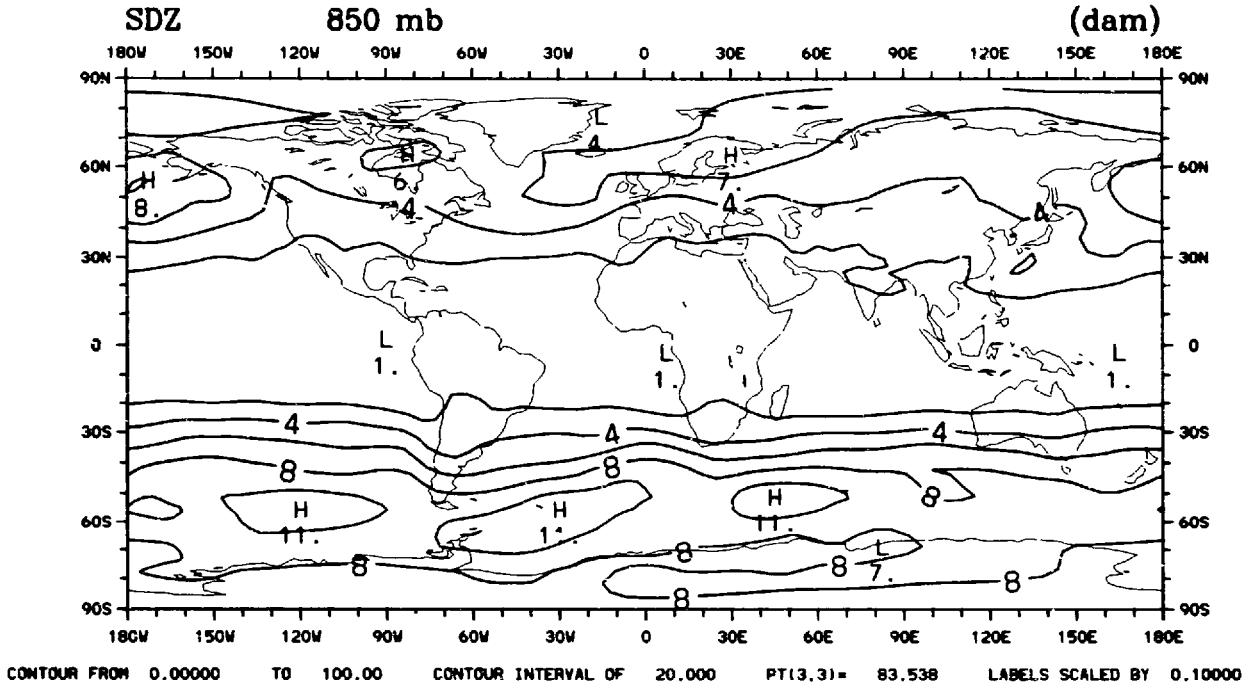

FRAME 2.26

# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.27

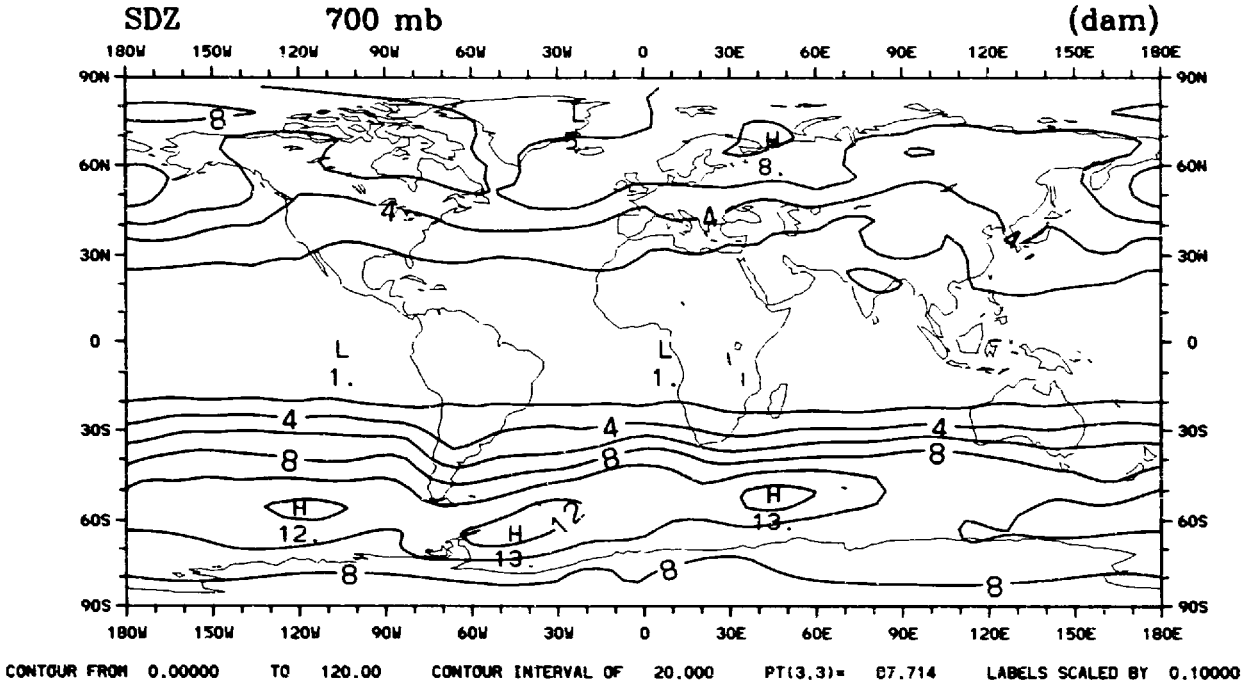
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 100.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 83.538 LABELS SCALED BY 0.10000

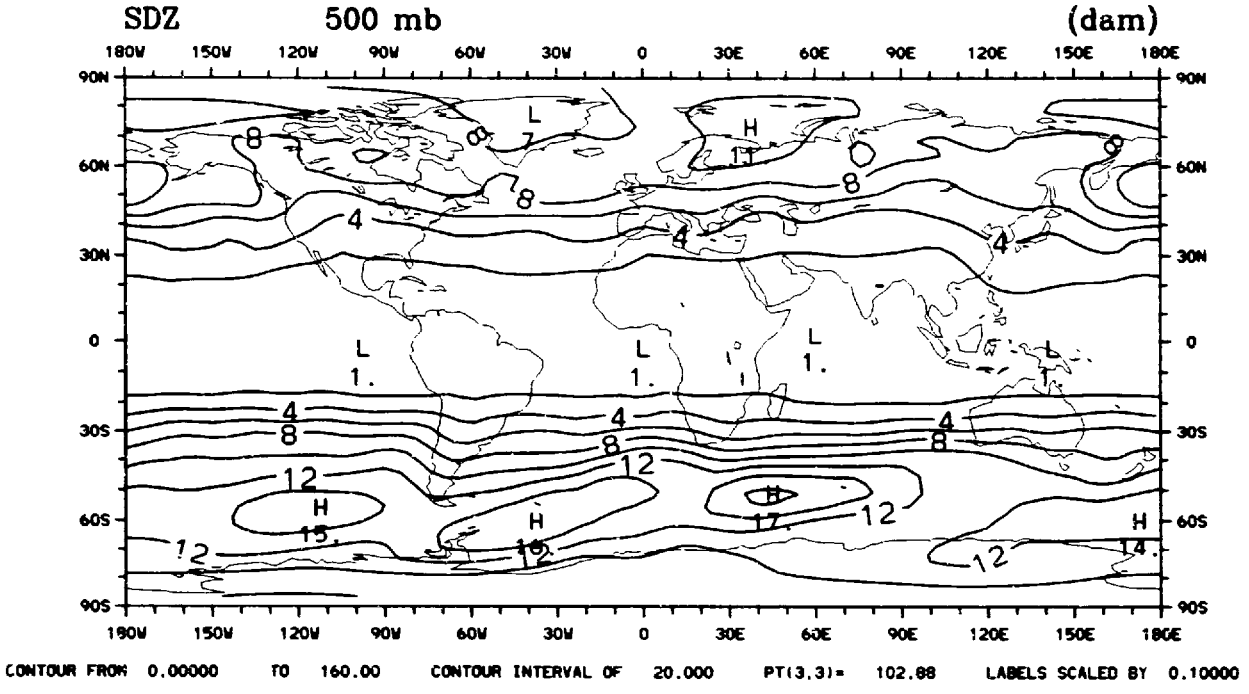
FRAME 2.28

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.29

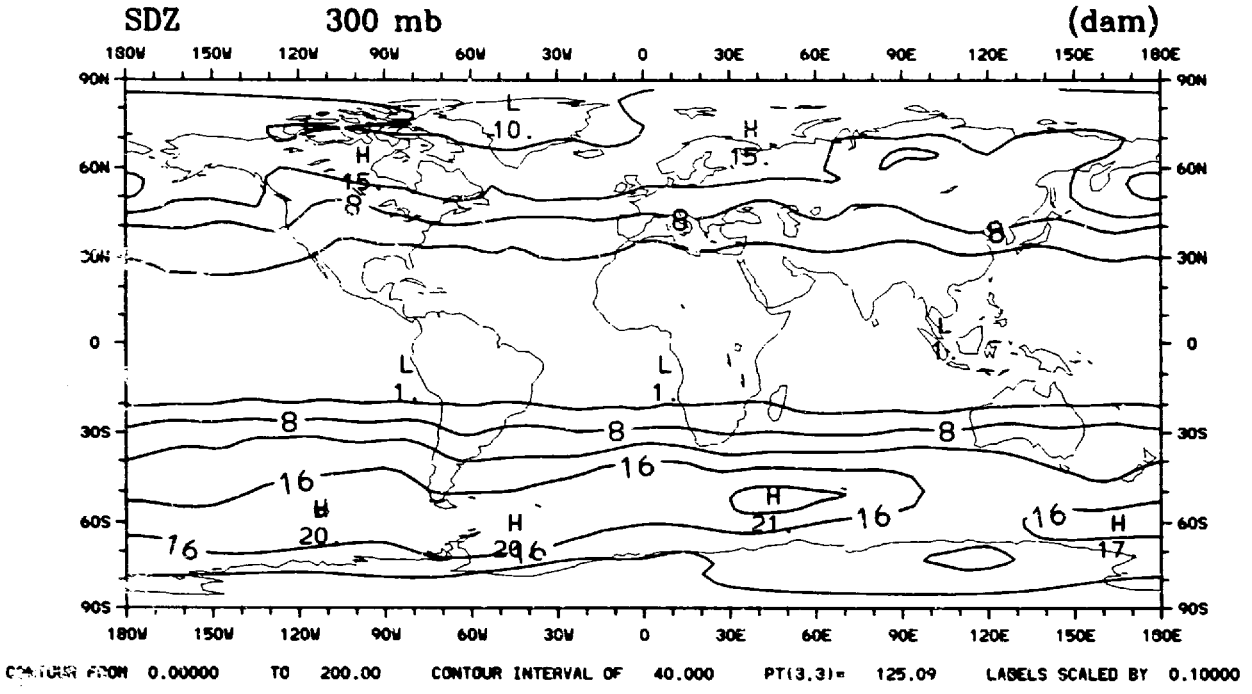
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 102.88 LABELS SCALED BY 0.10000

FRAME 2.30

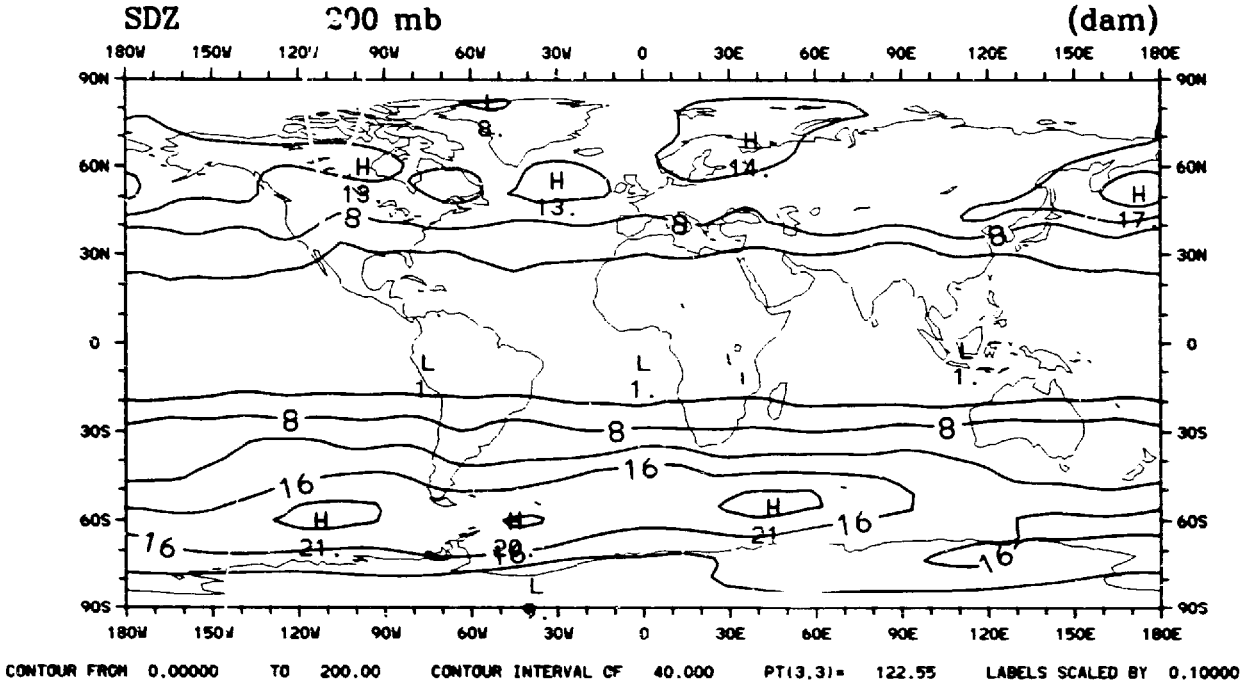
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 125.09 LABELS SCALED BY 0.10000

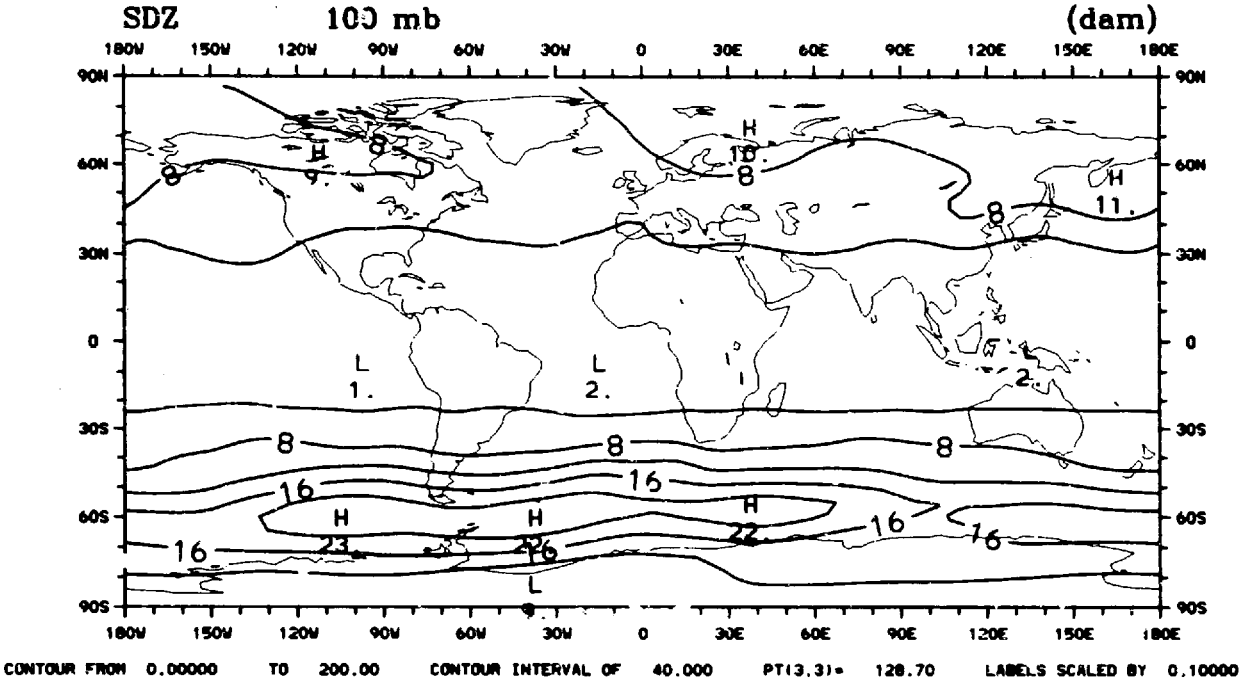
FRAME 2.31

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.32

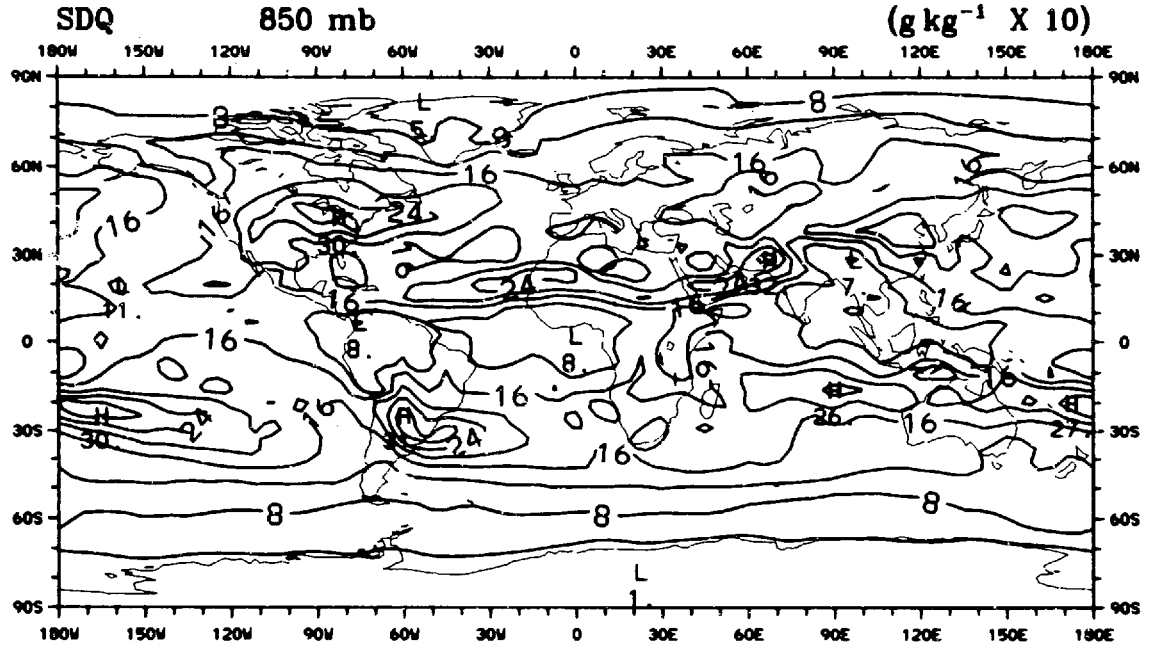
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 128.70 LABELS SCALED BY 0.10000

FRAME 2.33

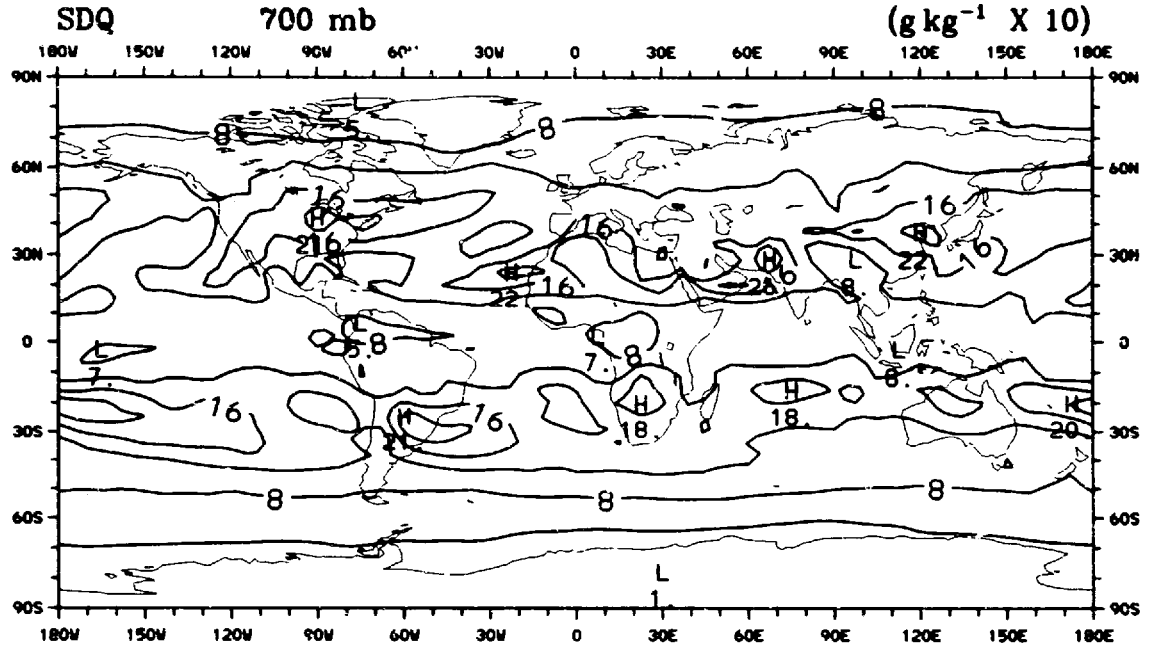
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.19020E-03 LABELS SCALED BY 10000.

FRAME 2.34

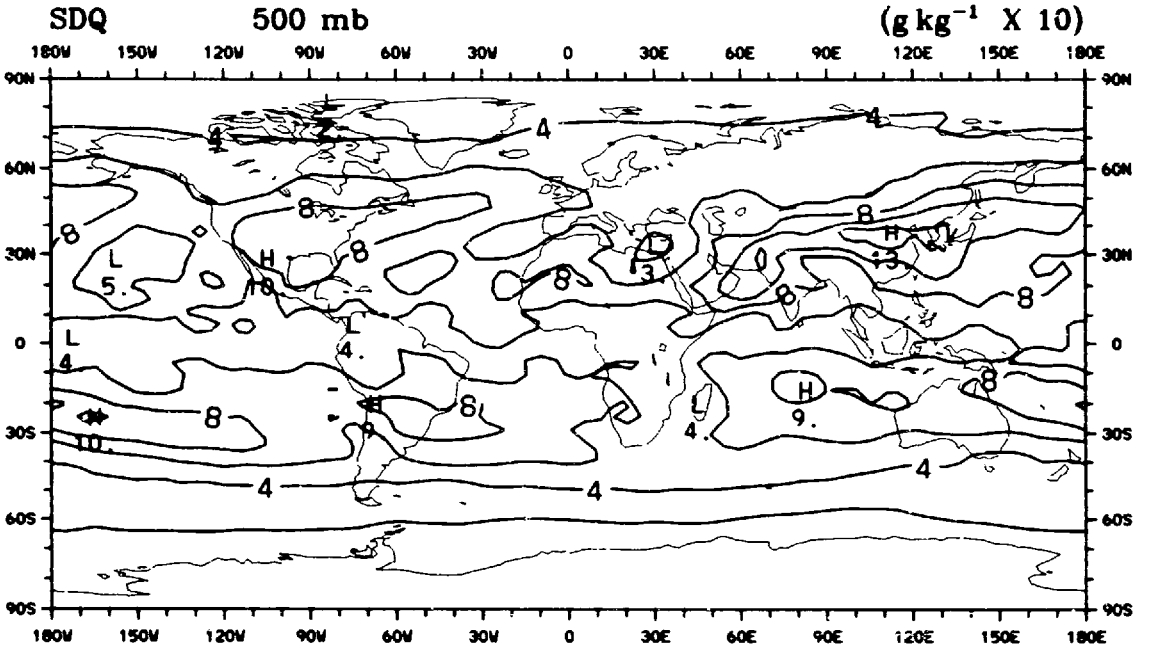
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.14803E-03 LABELS SCALED BY 10000.

FRAME 2.35

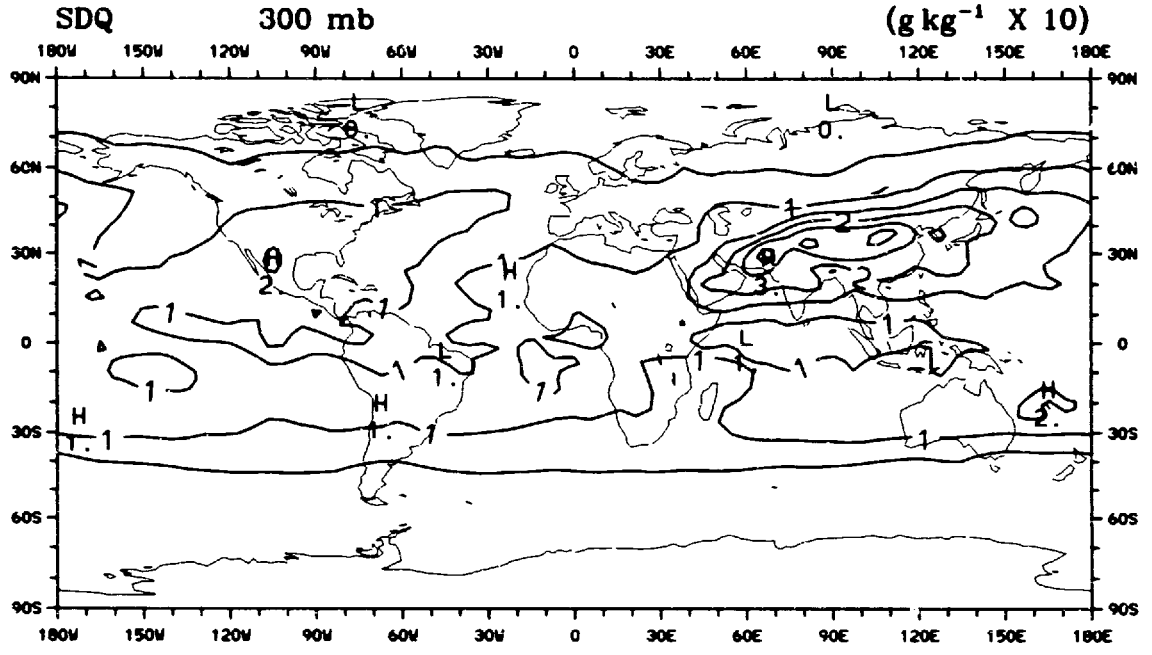
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.12000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.61586E-04 LABELS SCALED BY 10000.

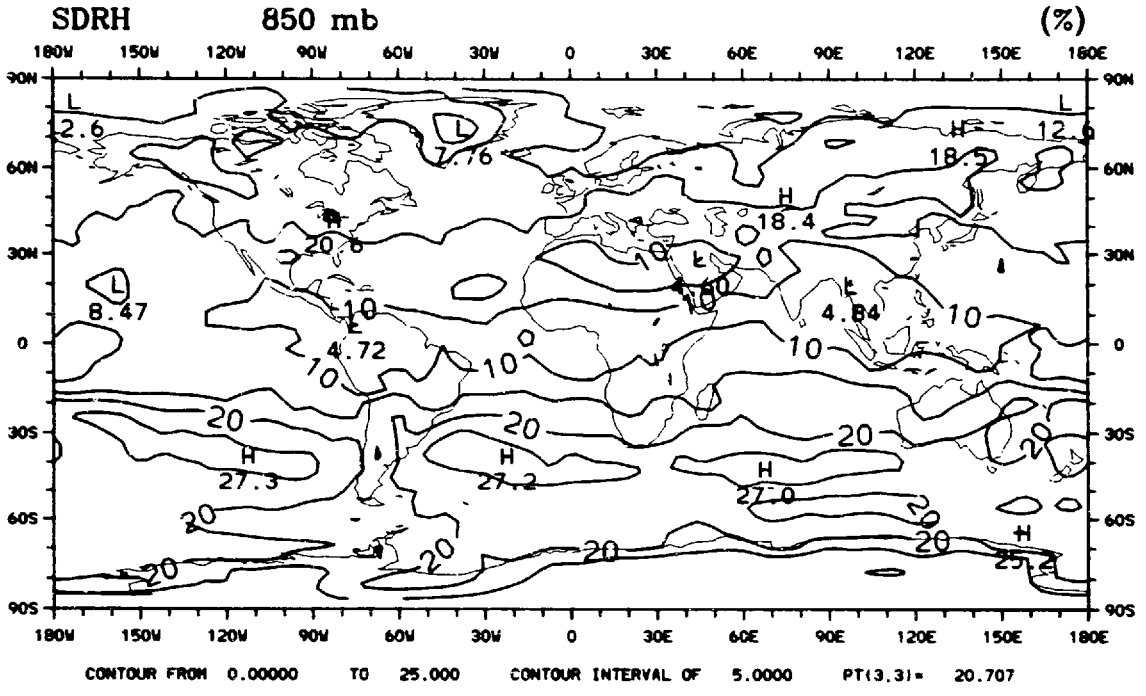
FRAME 2.36

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



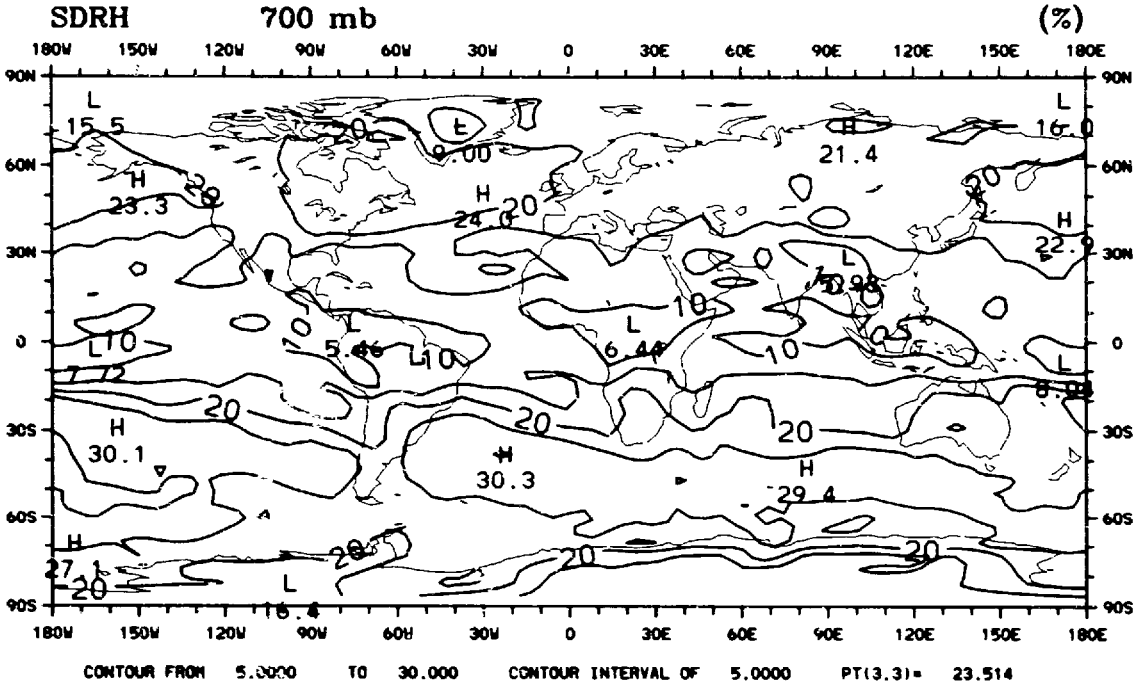

FRAME 2.37

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



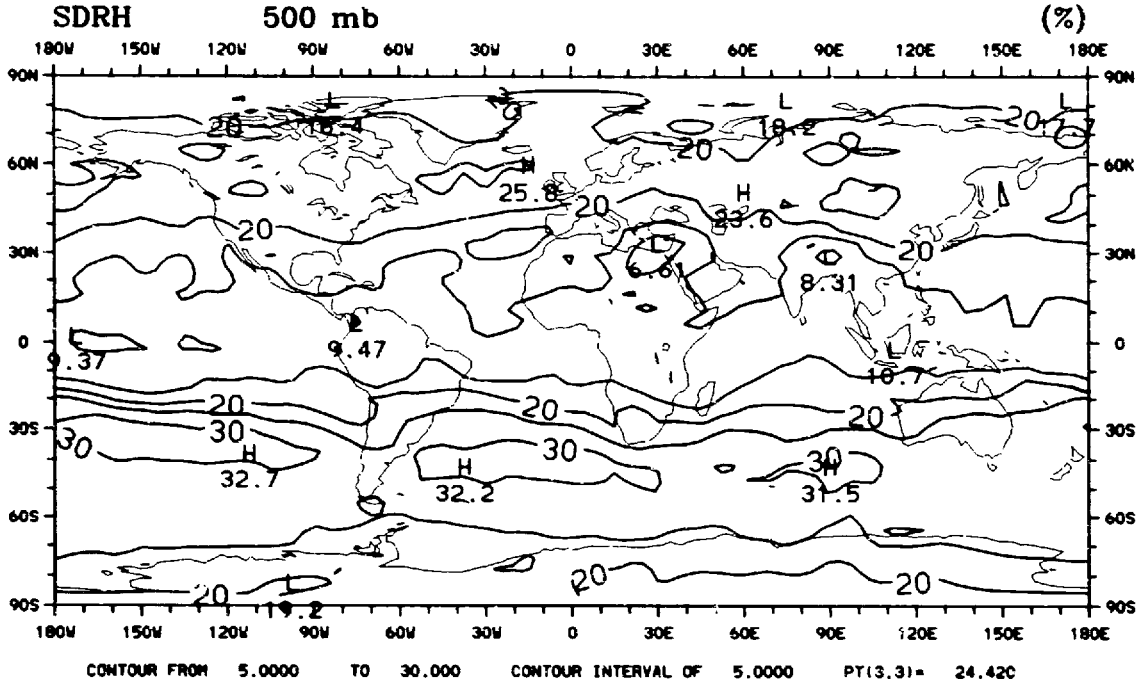

FRAME 2.38

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



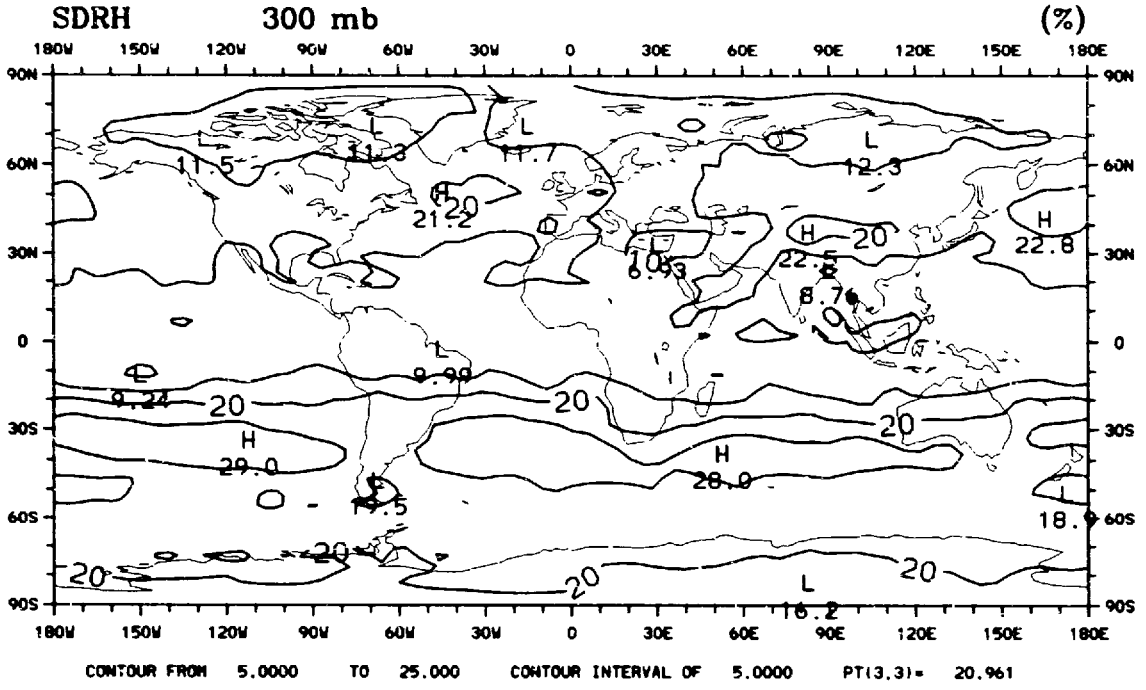

FRAME 2.39

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

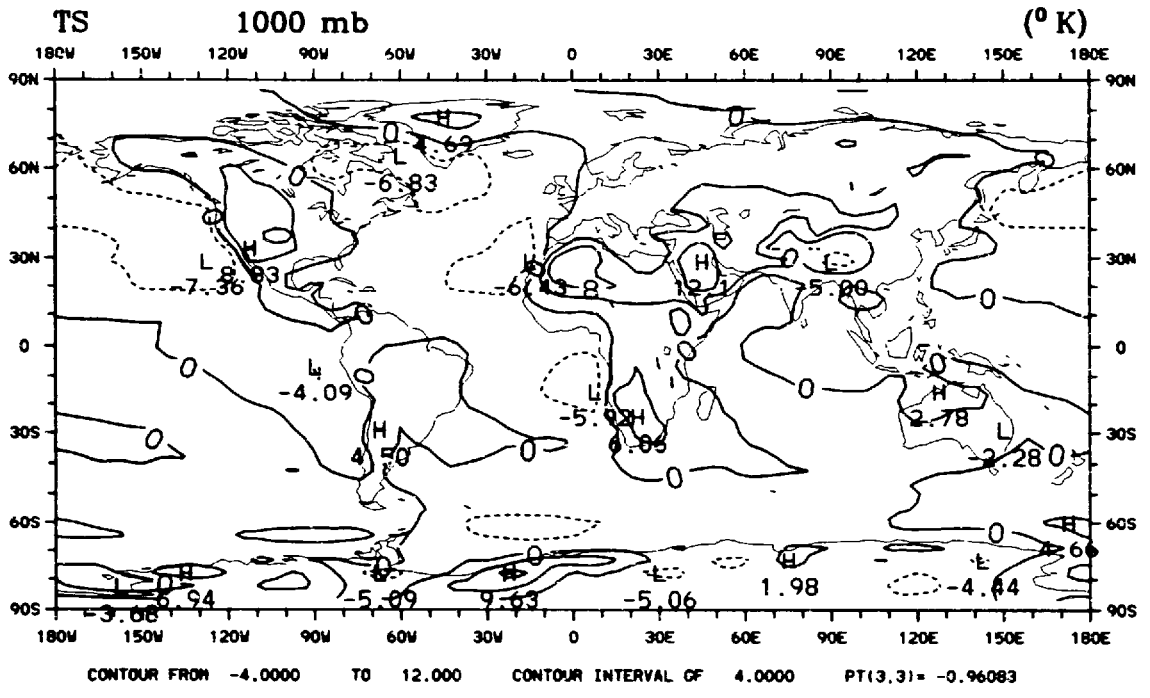



FRAME 2.40

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

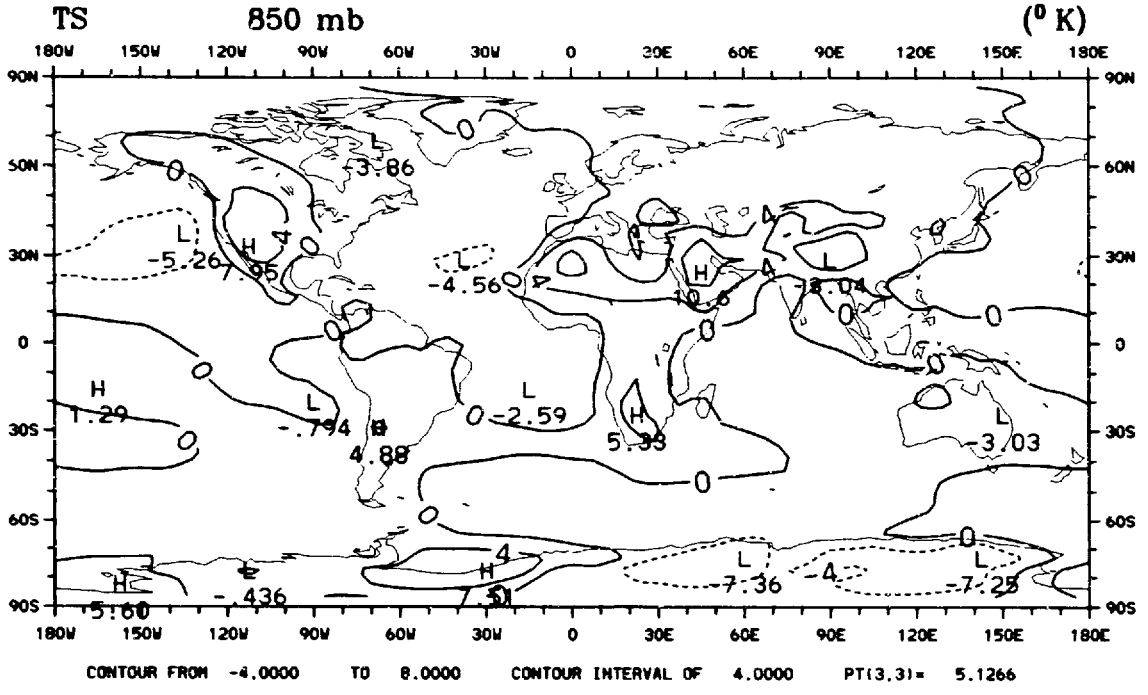



FRAME 2.41


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
TS
1000 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-6.83
-7.36
-4.09
-5.92
6.05
2.78
-2.28
-5.09
9.63
-5.06
1.98
-4.44
-3.66
CONTOUR FROM -4.0000 TO 12.000 CONTOUR INTERVAL OF 4.0000 PT(3,3)= -0.96083

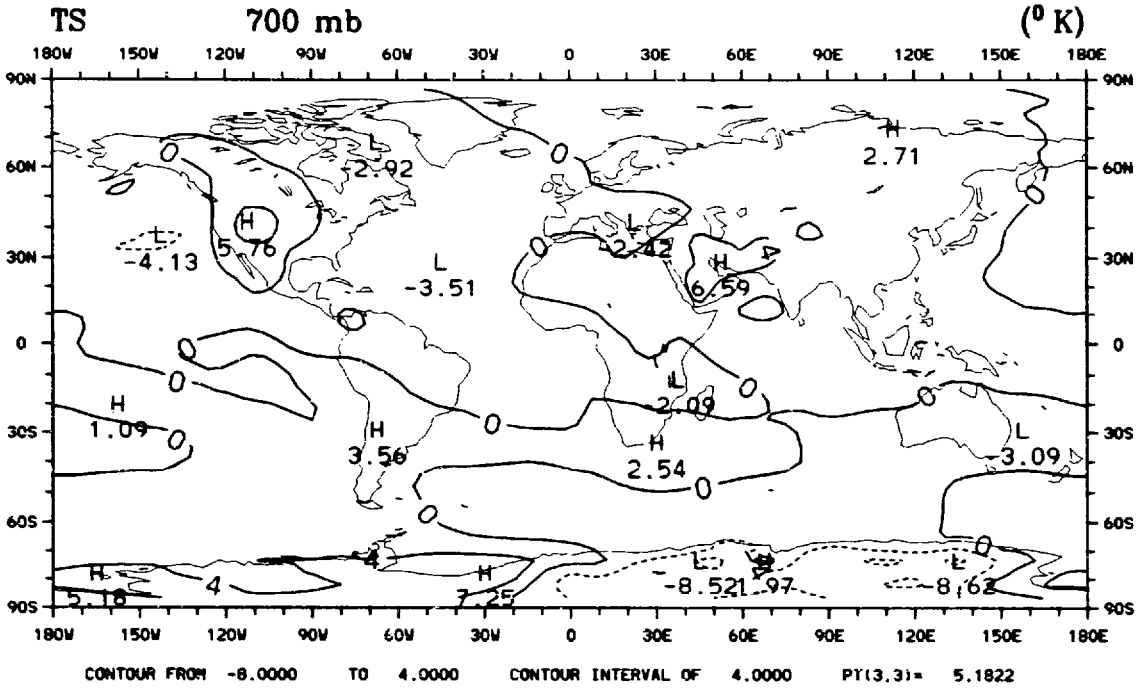
FRAME 2.42

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



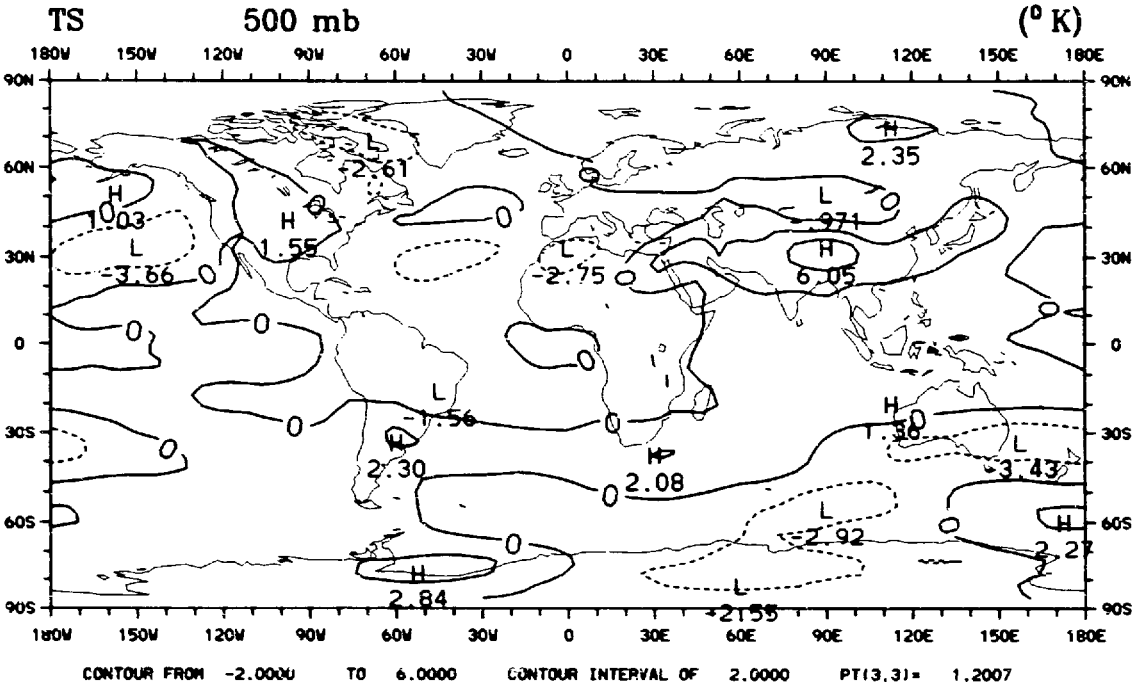

FRAME 2.43

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



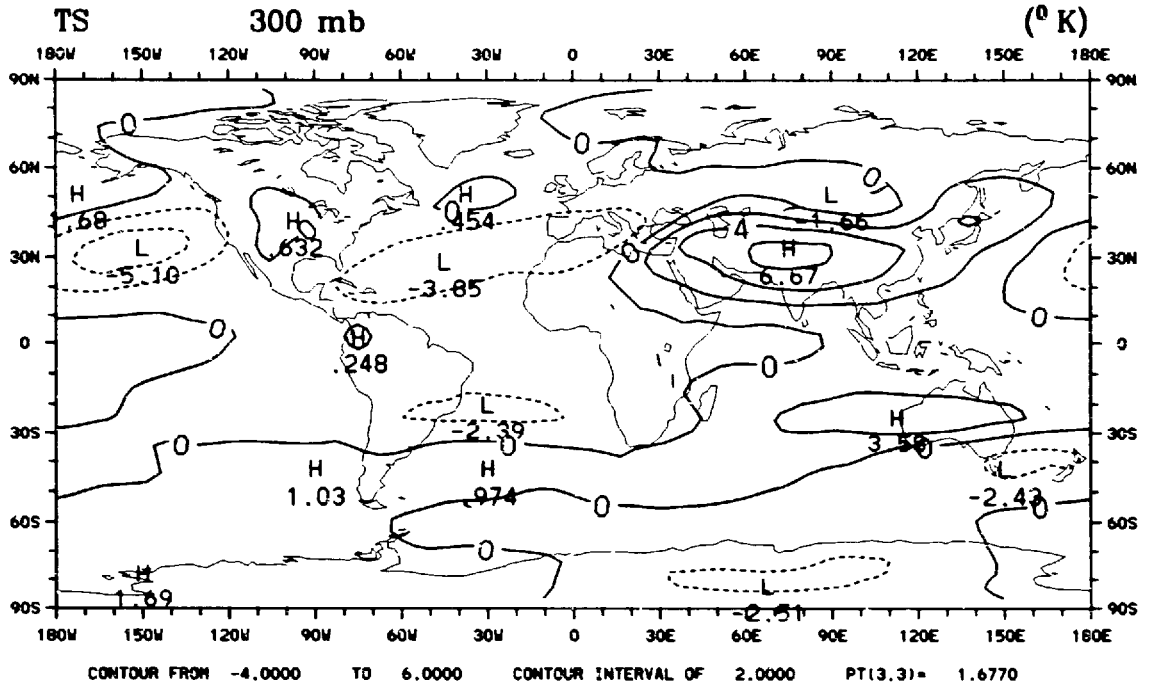

FRAME 2.44

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



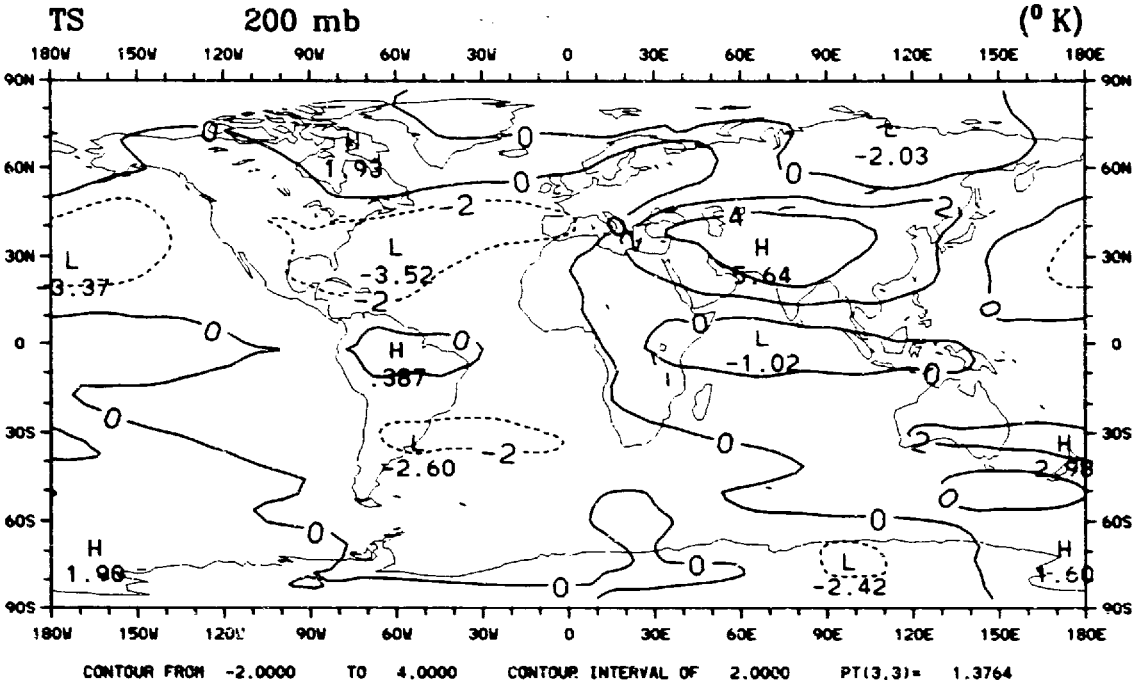

FRAME 2.45

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)



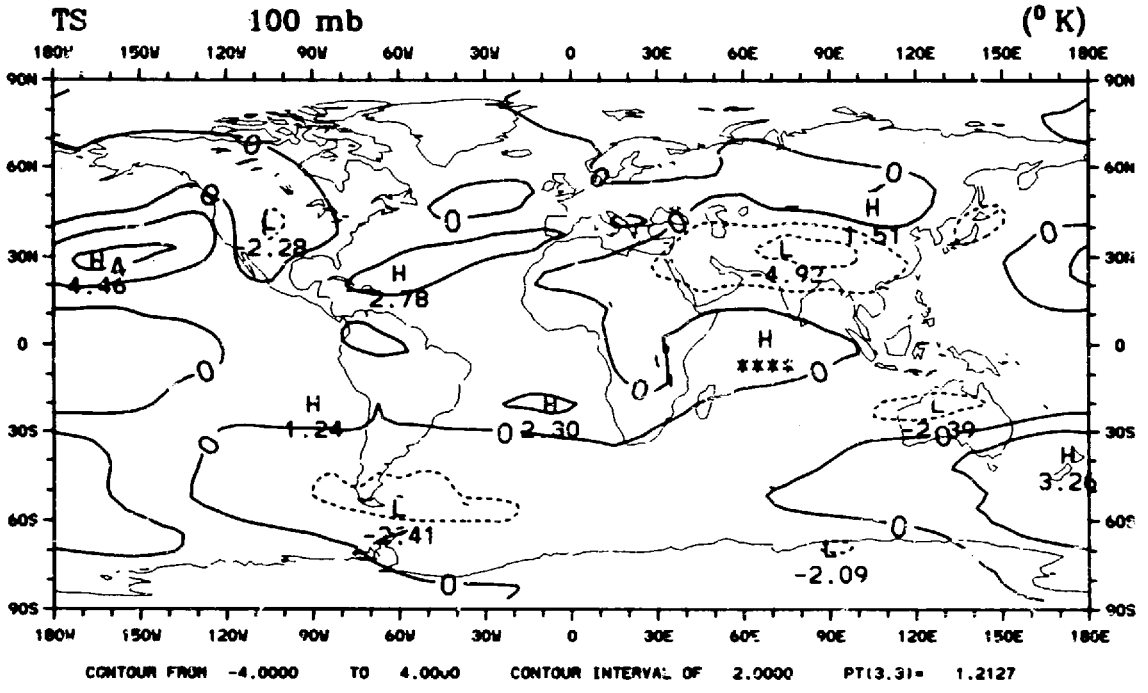

FRAME 2.46

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



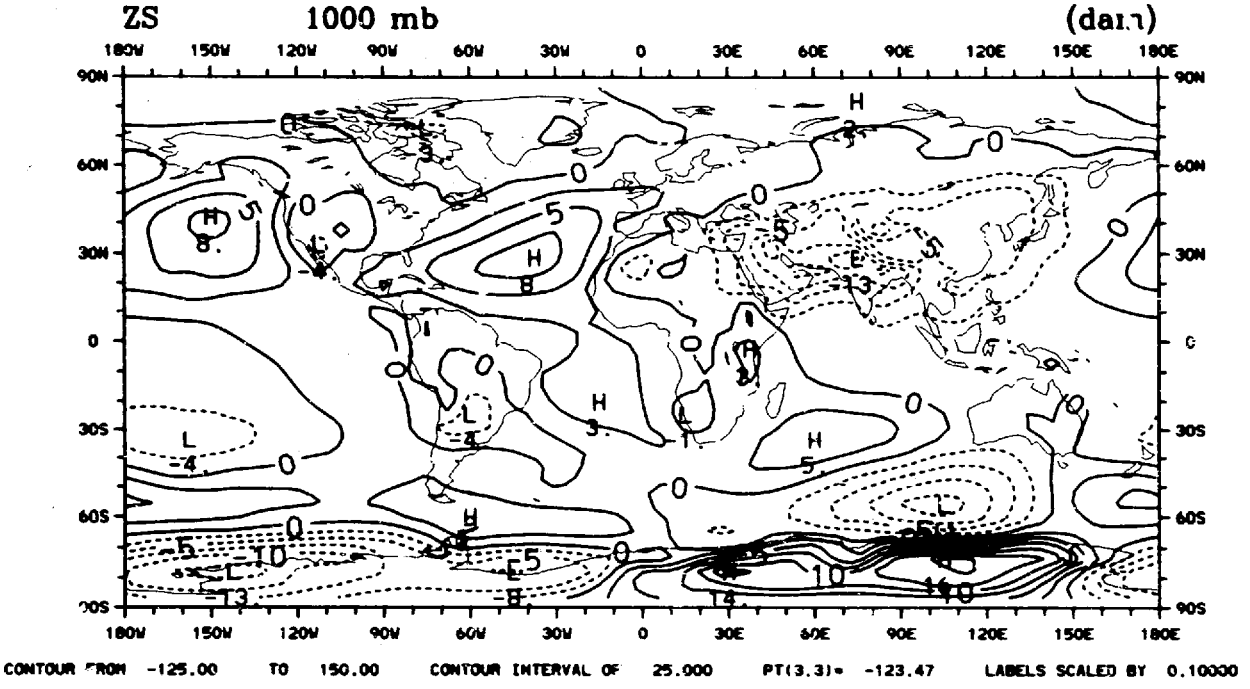

FRAME 2.47

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



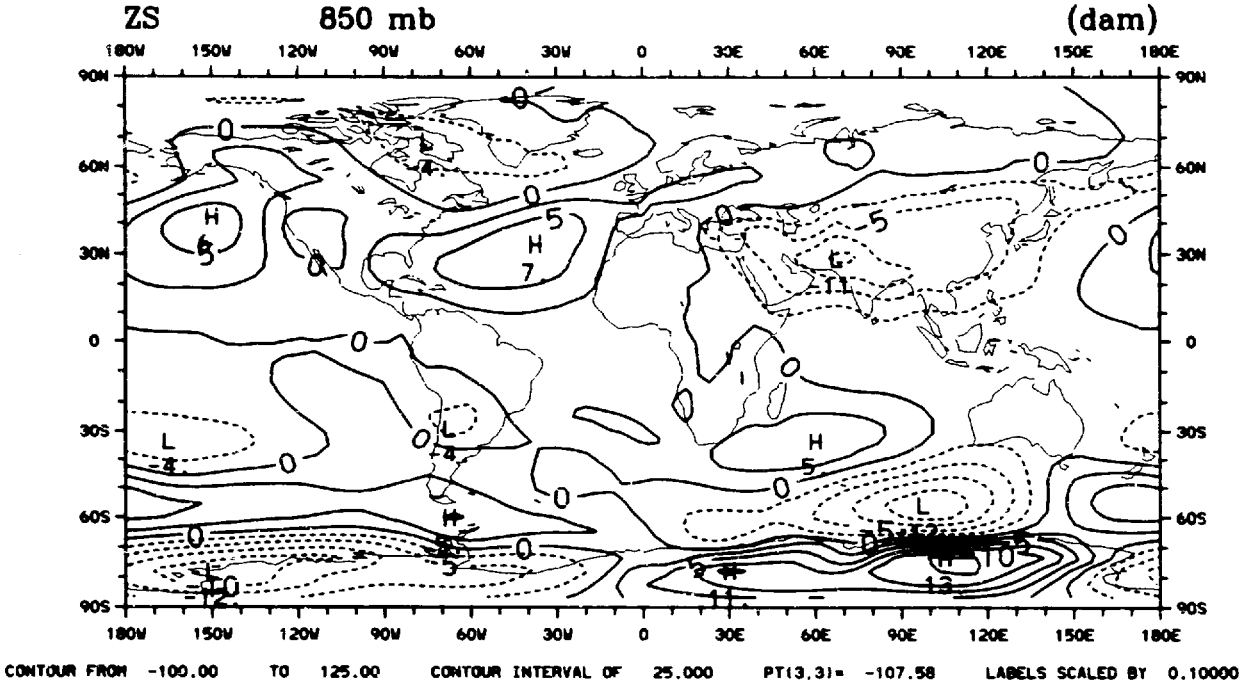

FRAME 2.48

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



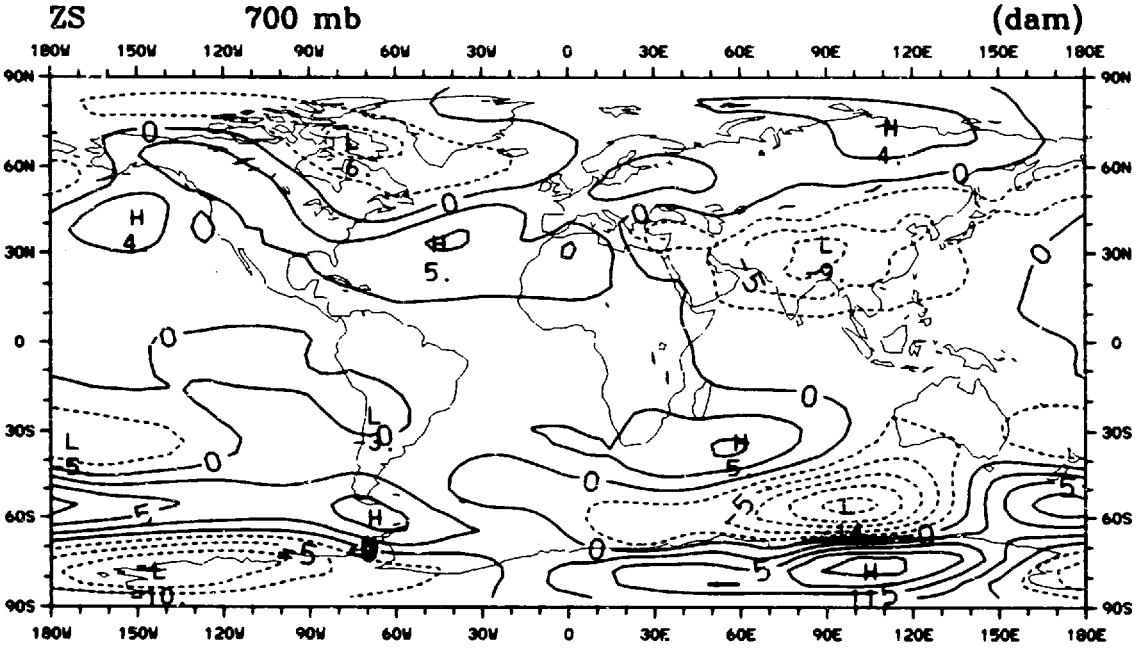

FRAME 2.40

## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.50

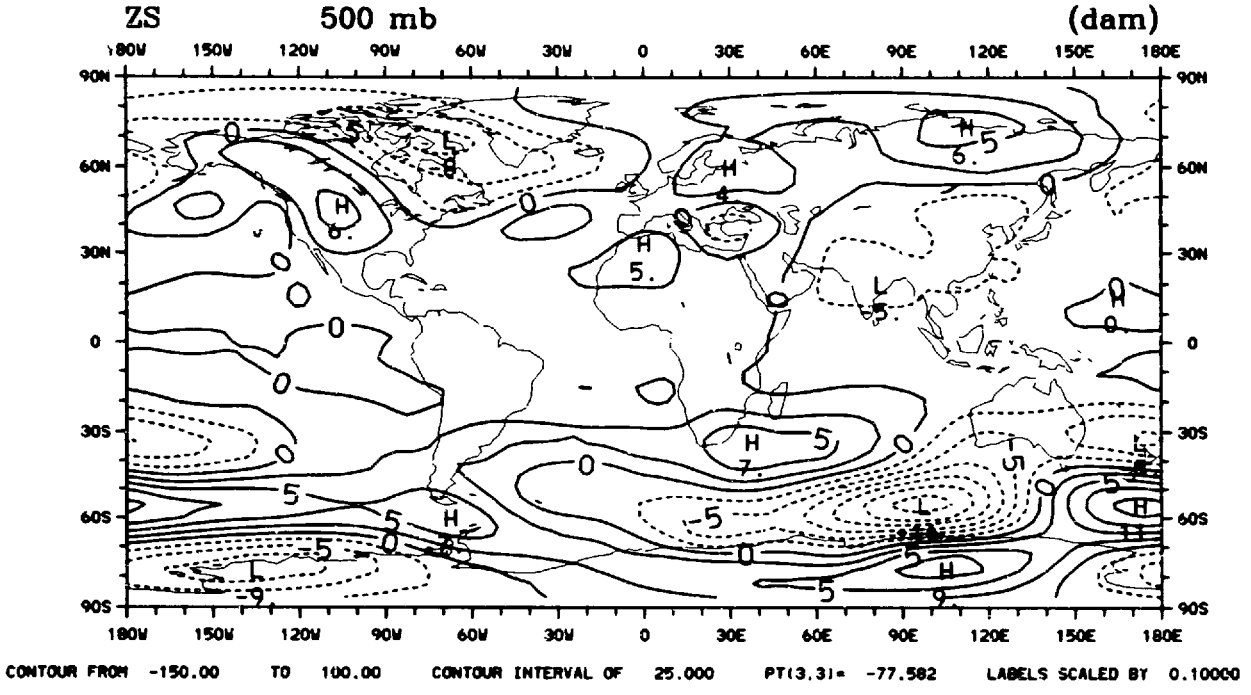
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -125.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -89.938 LABELS SCALED BY 0.10000

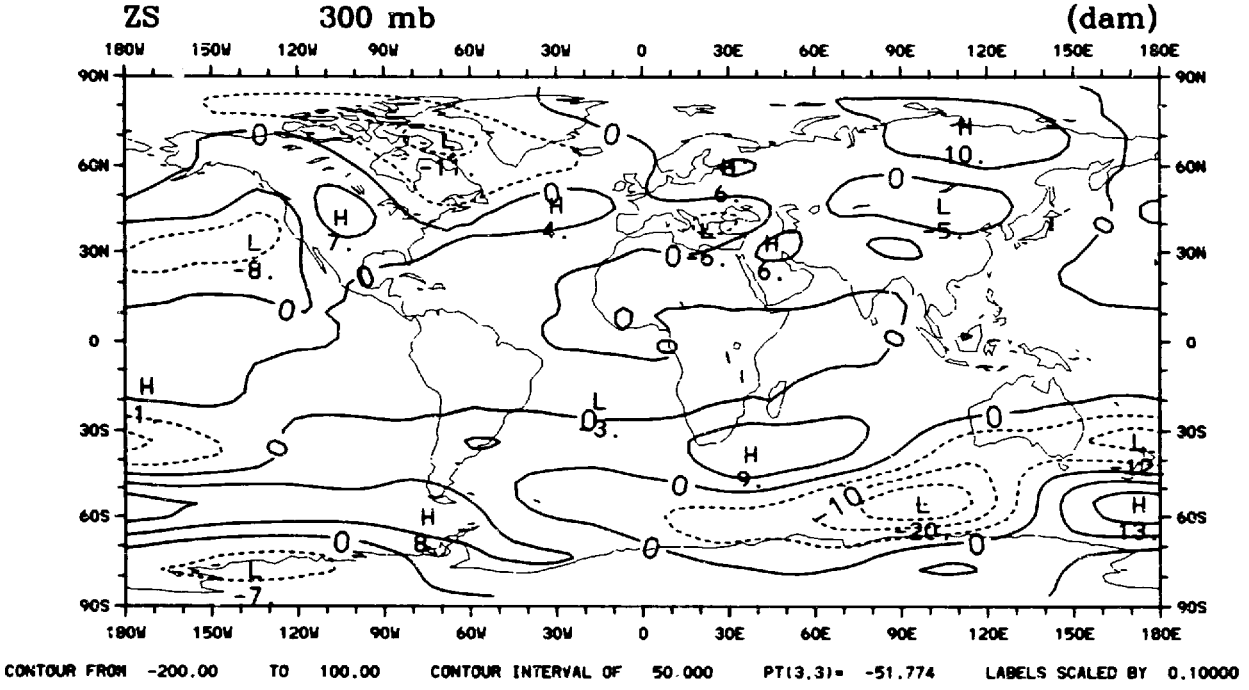
FRAME 2.51

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



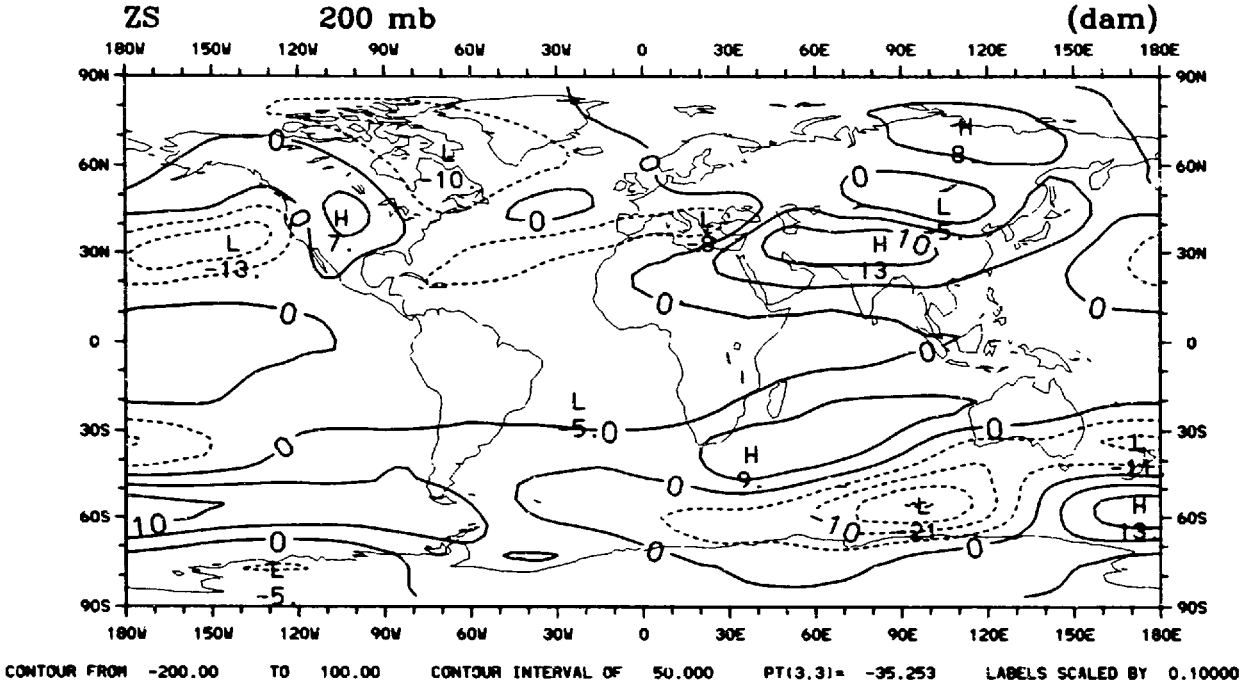

FRAME 2.52

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



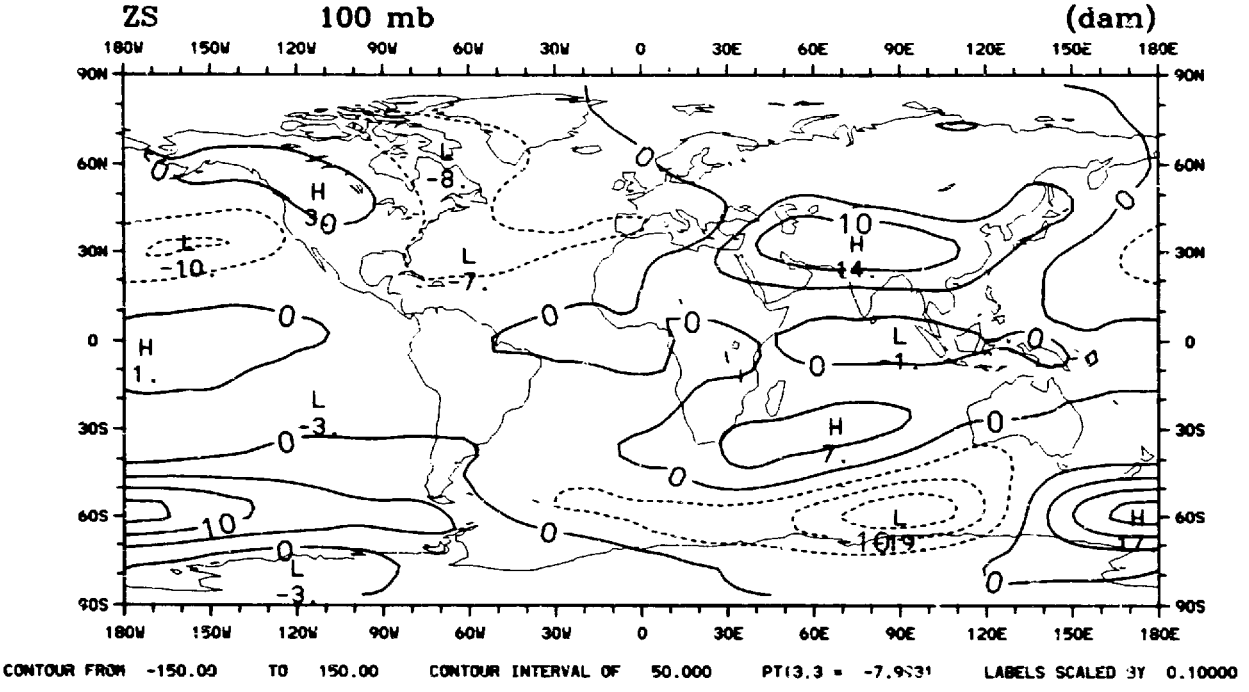

FRAME 2.53

# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.54

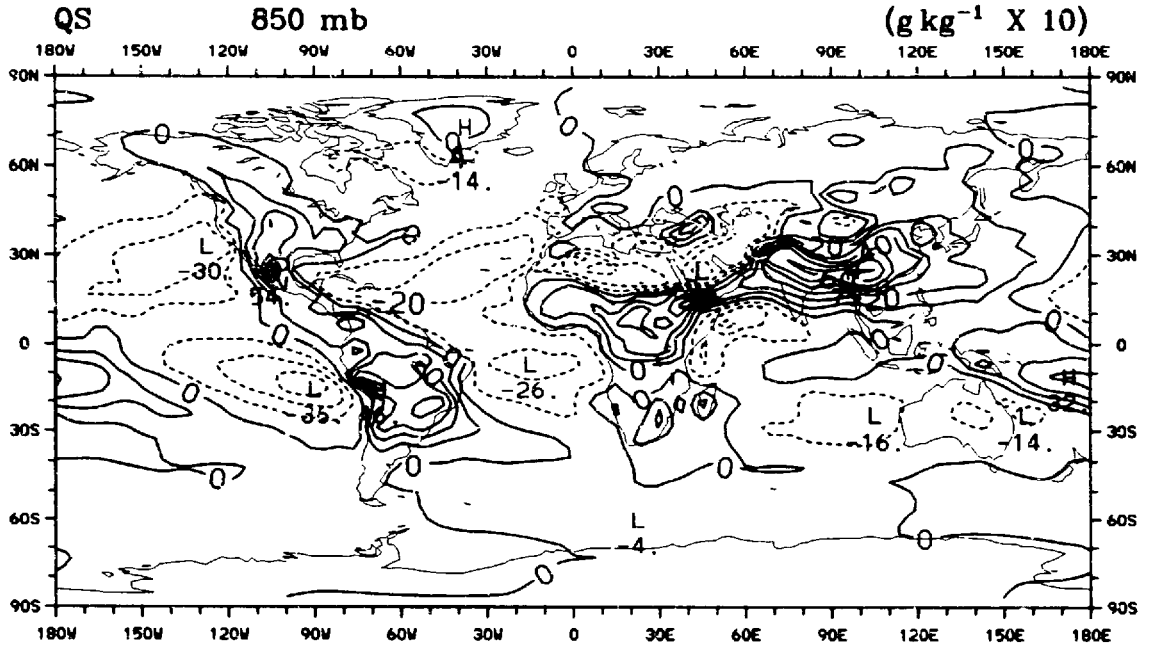
# EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -150.00 TO 150.00 CONTOUR INTERVAL OF 50.000 PT(3,3 = -7.9531 LABELS SCALED BY 0.10000

FRAME 2.55

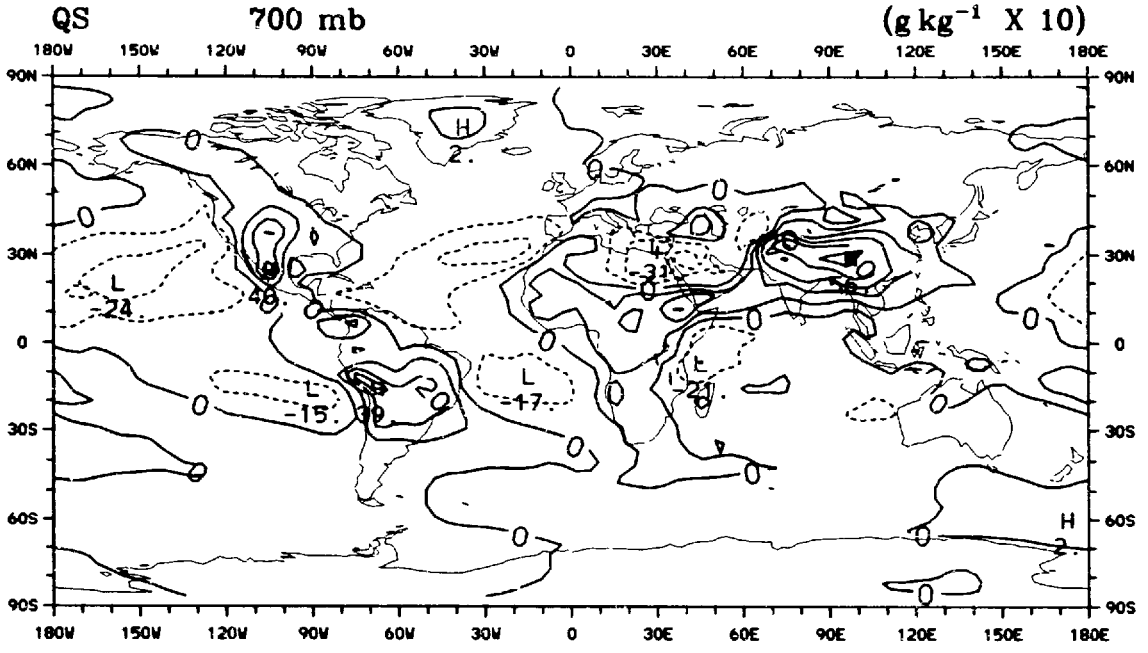
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.70000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.52181E-04 LABELS SCALED BY 10000.

FRAME 2.56

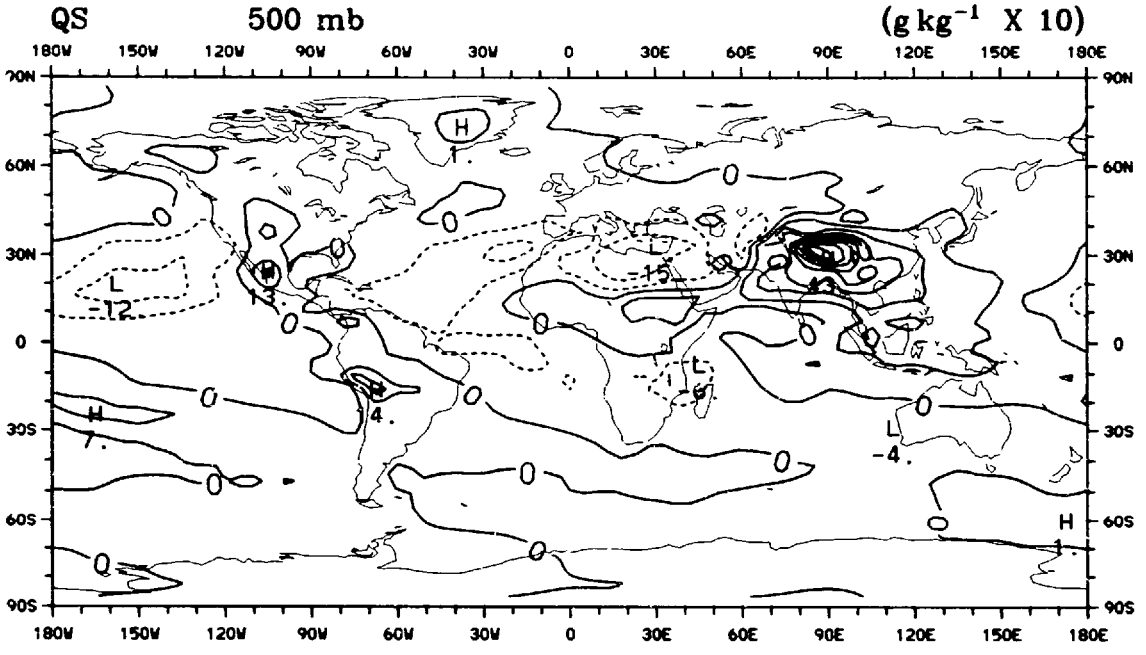
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.30000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.79153E-05 LABELS SCALED BY 10000.

FRAME 2.57

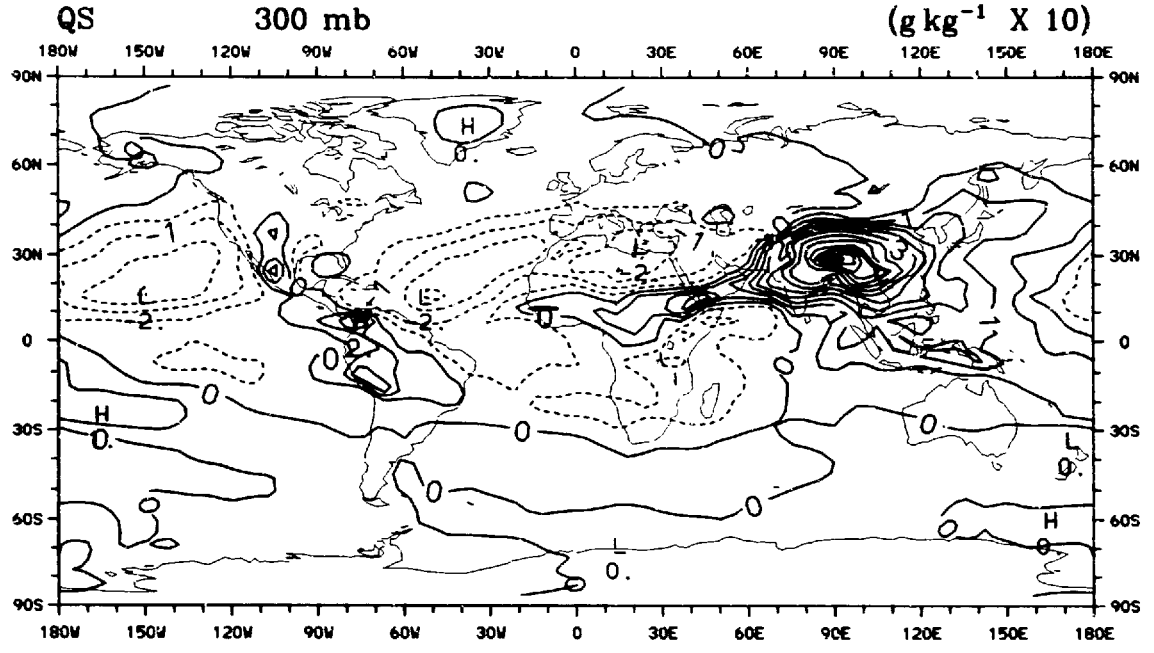
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.86154E-05 LABELS SCALED BY 10000.

FRAME 2.58

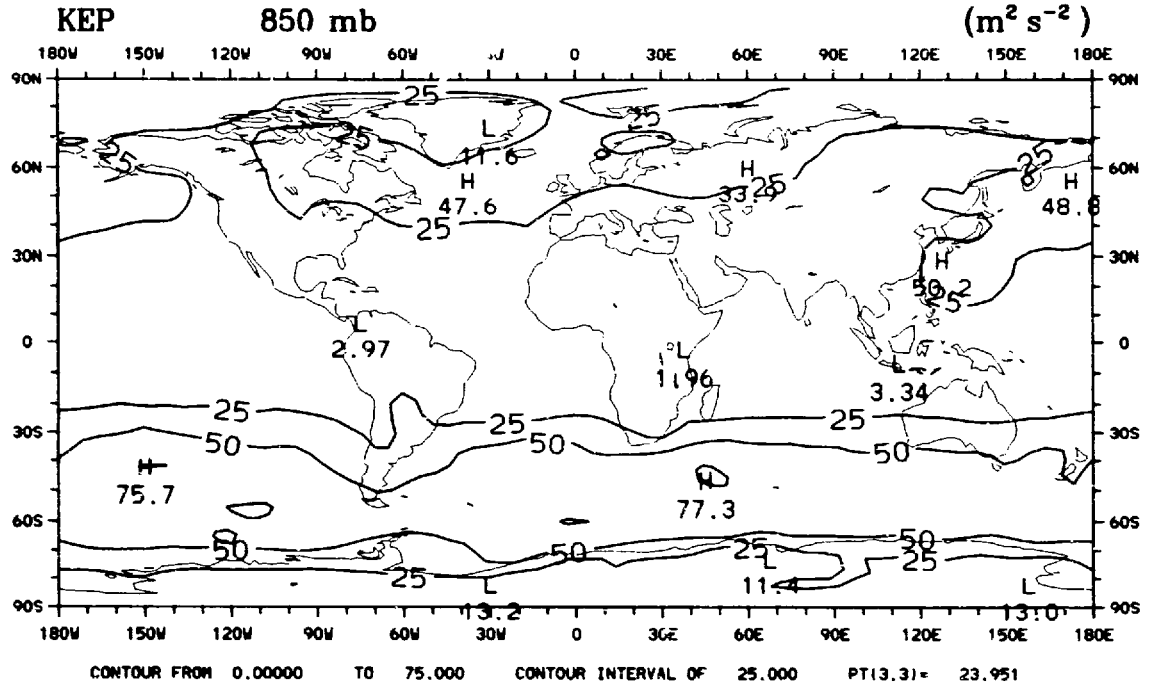
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-03 TO 0.65000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.98079E-06 LABELS SCALED BY 10000.

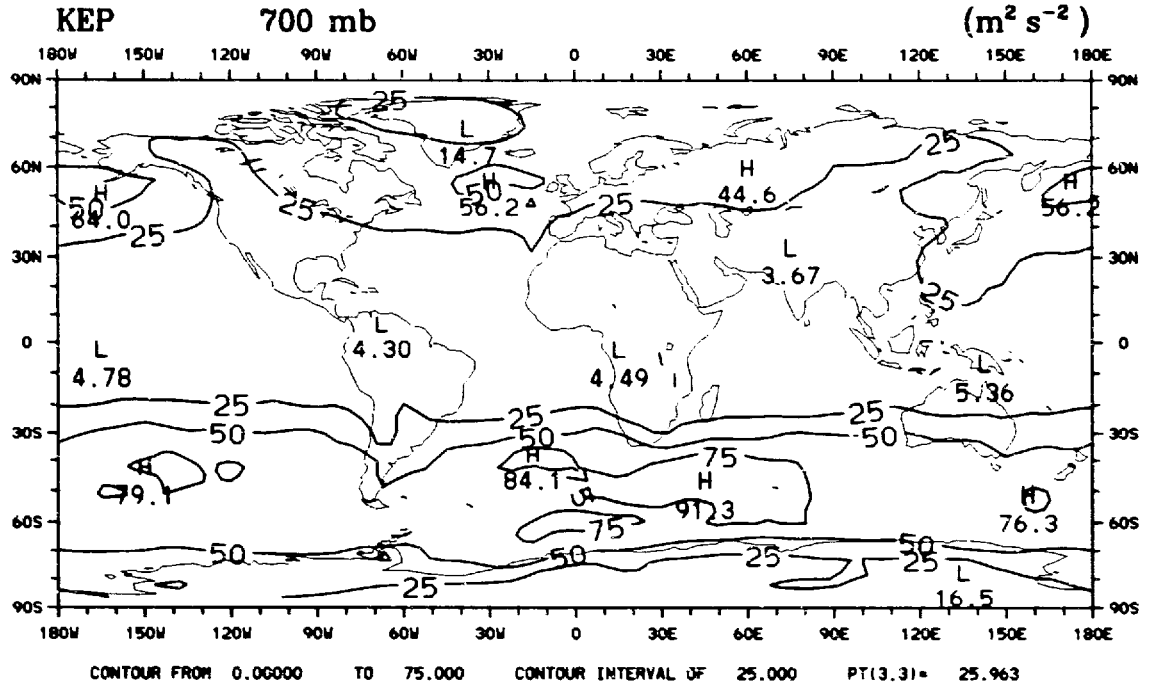
FRAME 2.59

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)



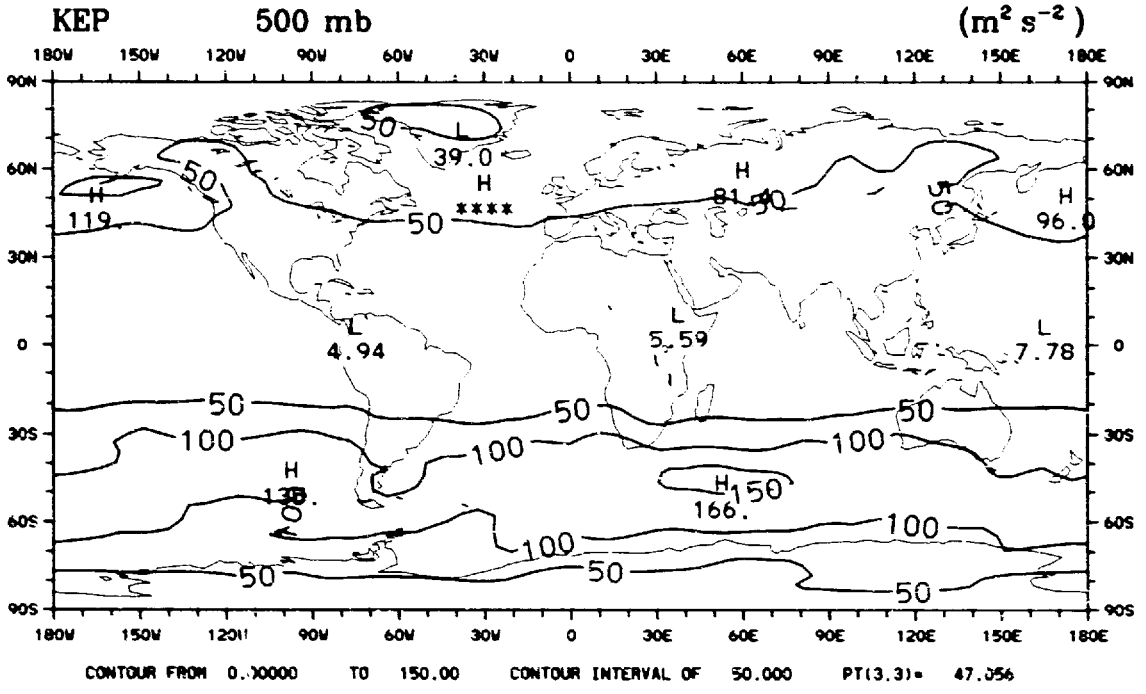

FRAME 2.60

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

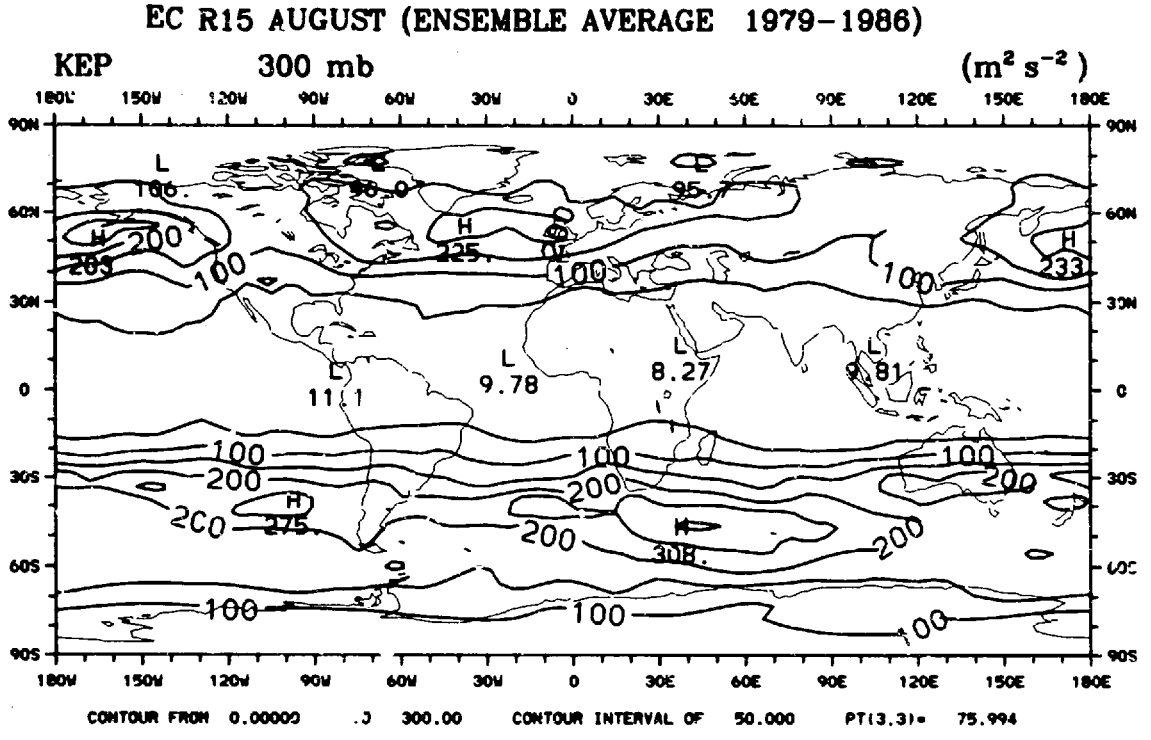



FRAME 2.61

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

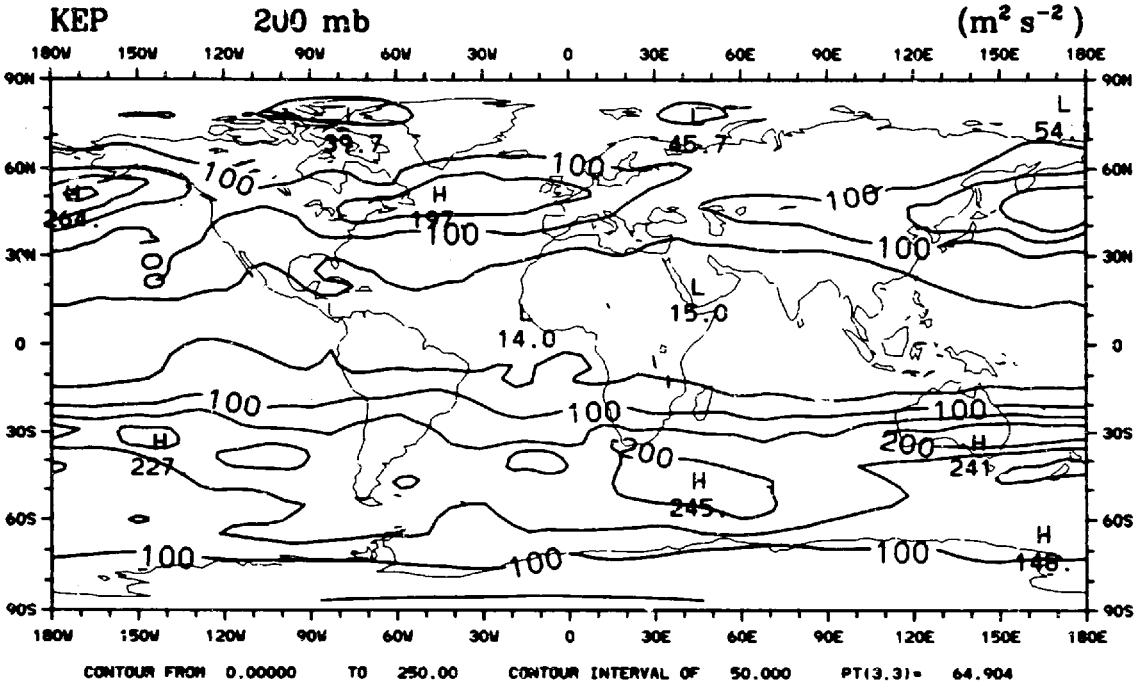



FRAME 2.62


EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)
KEP
300 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
L
106.
H
200
205
100
H
225.
95.
H
233
L
11.1
L
9.78
L
8.27
L
9.81
100
200
H
275.
H
308.
CONTOUR FROM 0.00000 TO 300.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 75.994

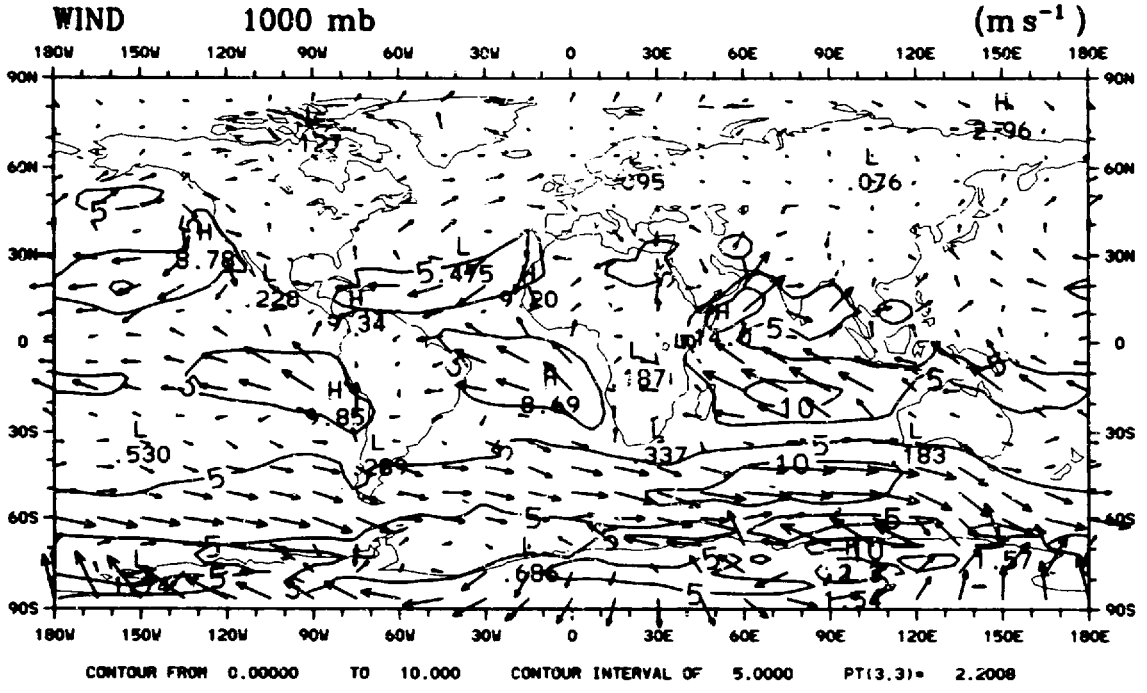
FRAME 2.63

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

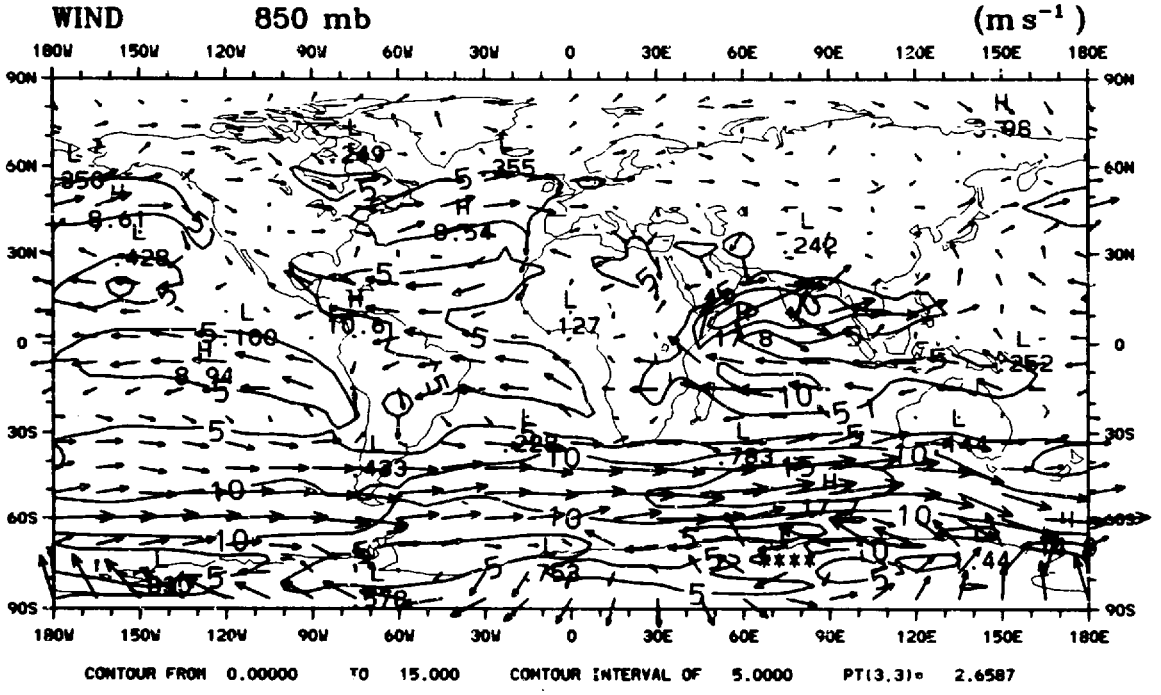
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

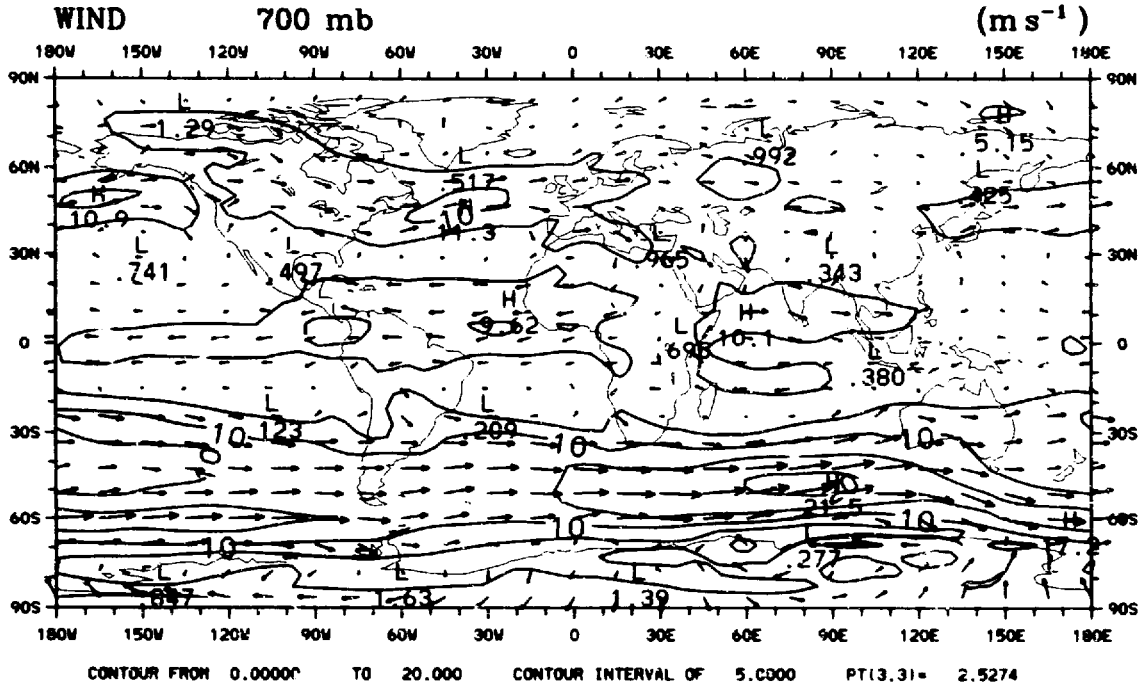
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.66

0.100E+02 →
SCALING VECTOR

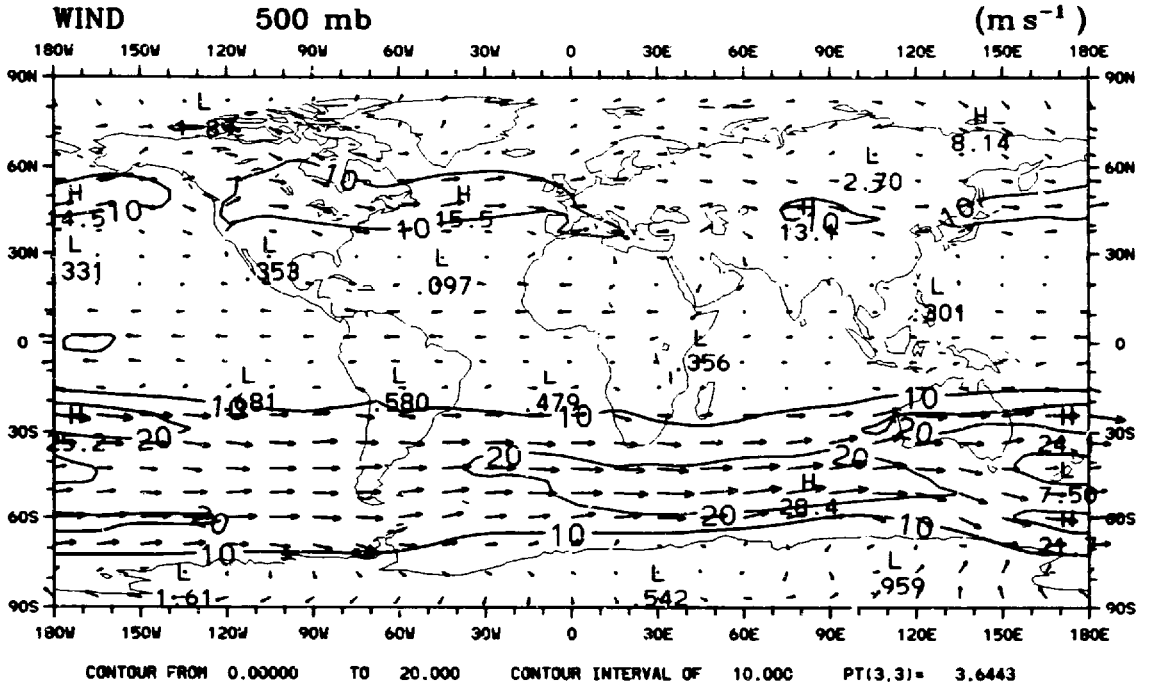
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.67

0.200E+02 ⟶
SCALING VECTOR

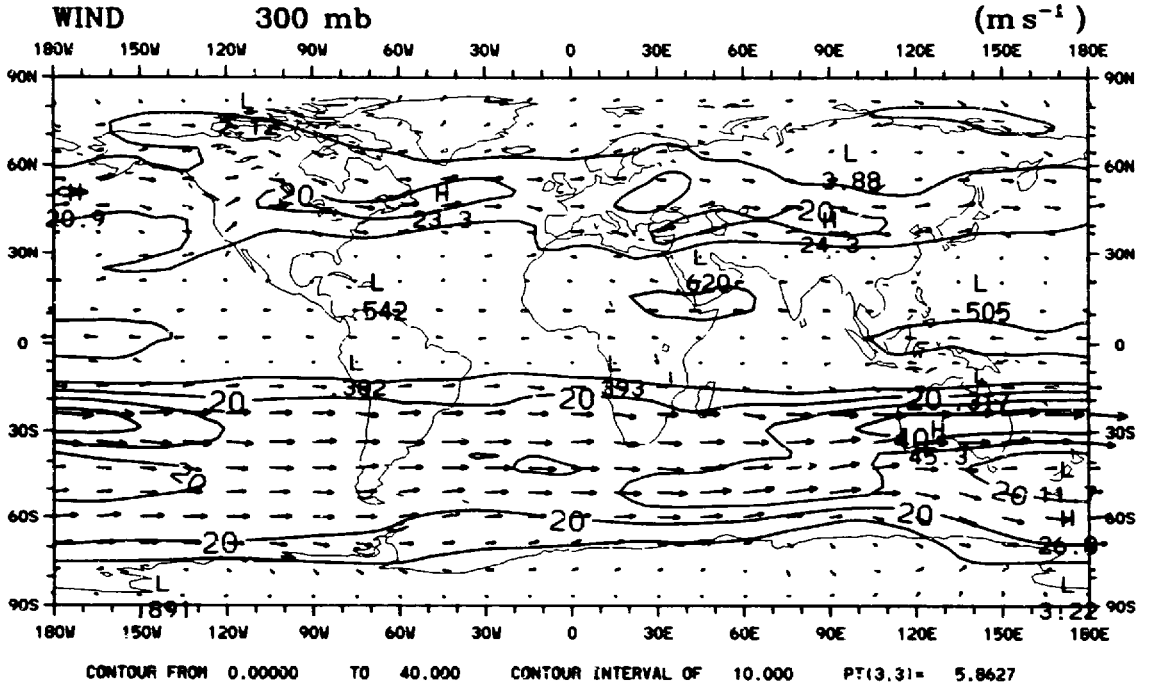
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.68

0.300E+02 →
SCALING VECTOR

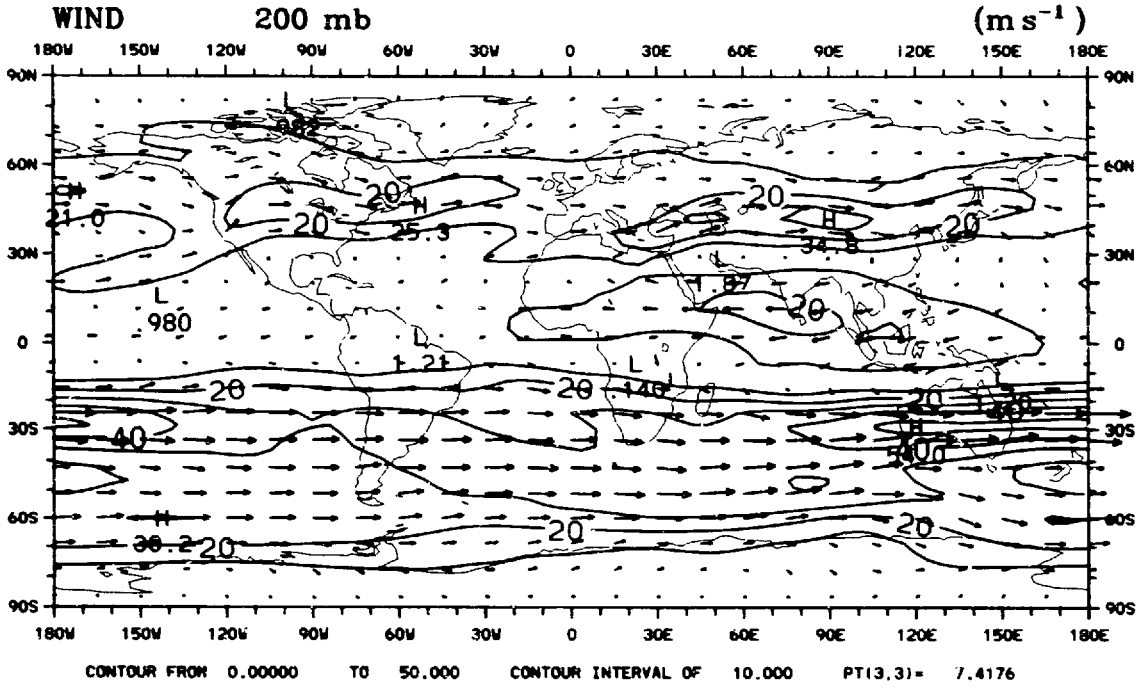
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.69

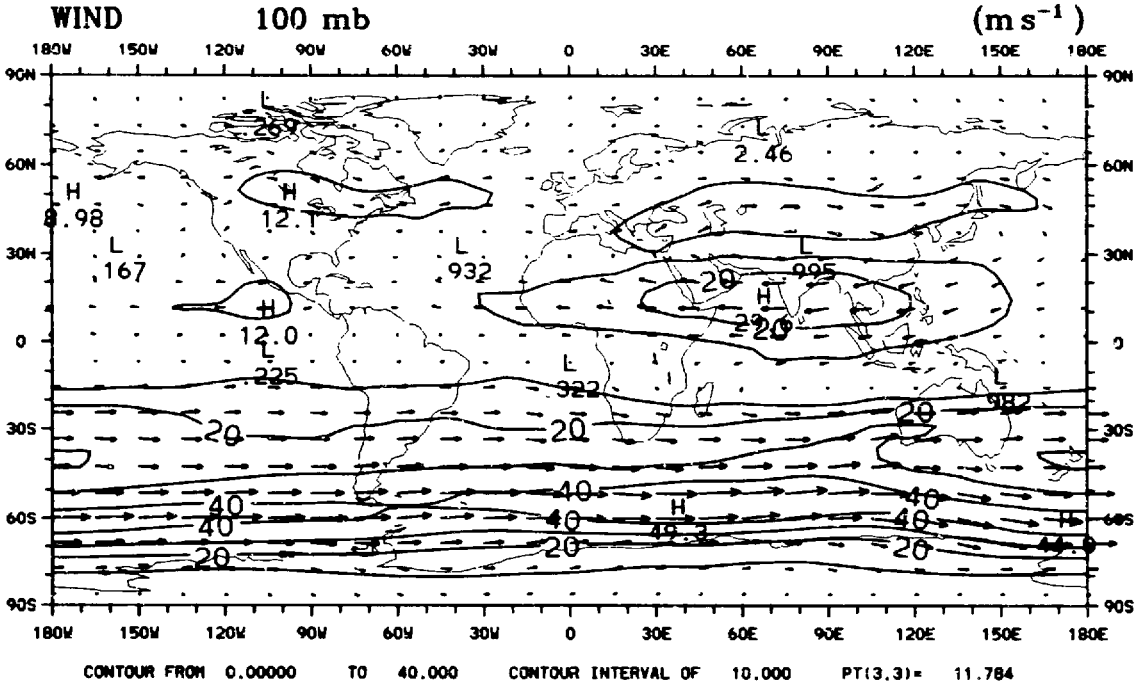
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.70

0.500E+02 ⟶
SCALING VECTOR

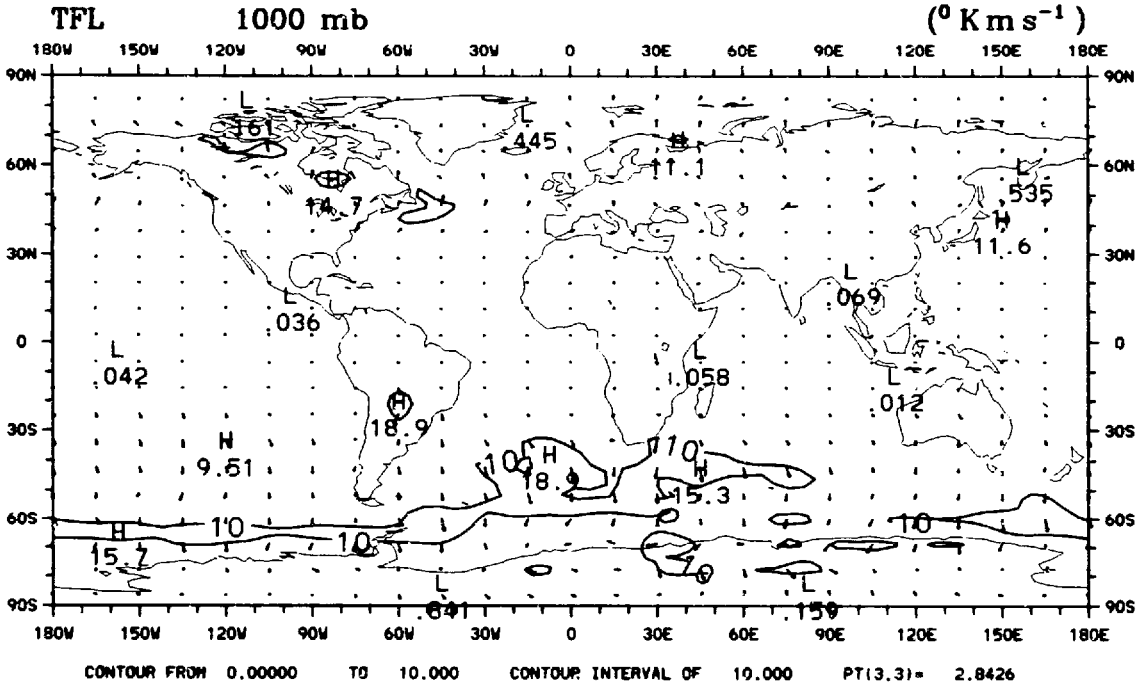
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

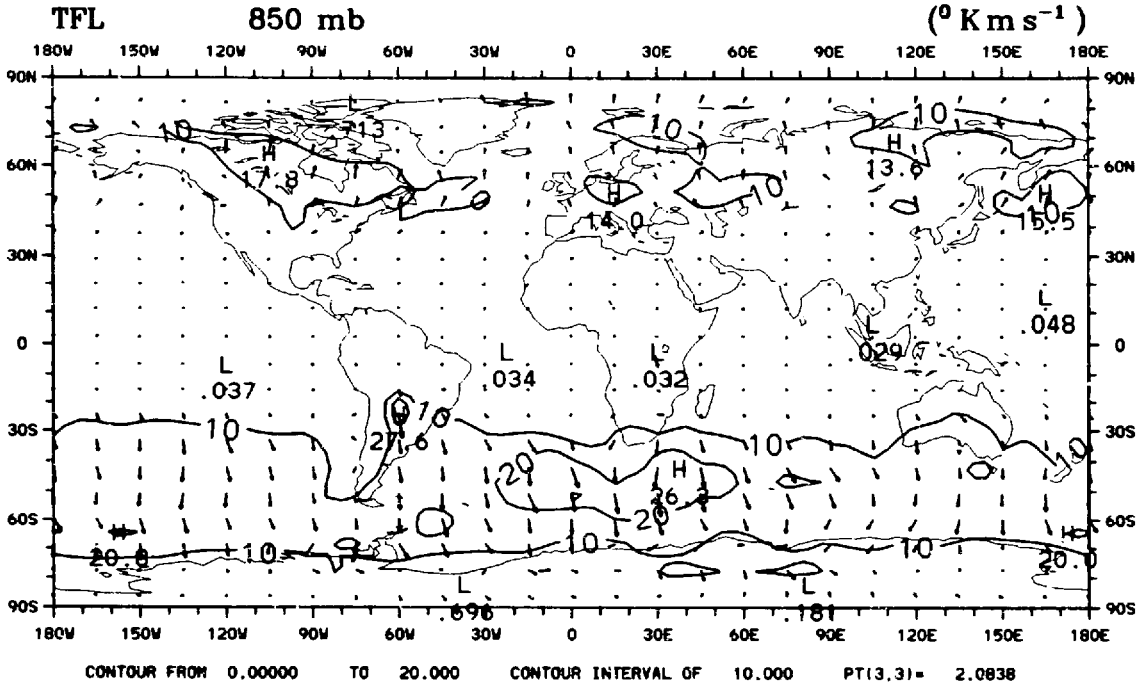
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.5C0E+02 →
SCALING VECTOR

FRAME 2.72

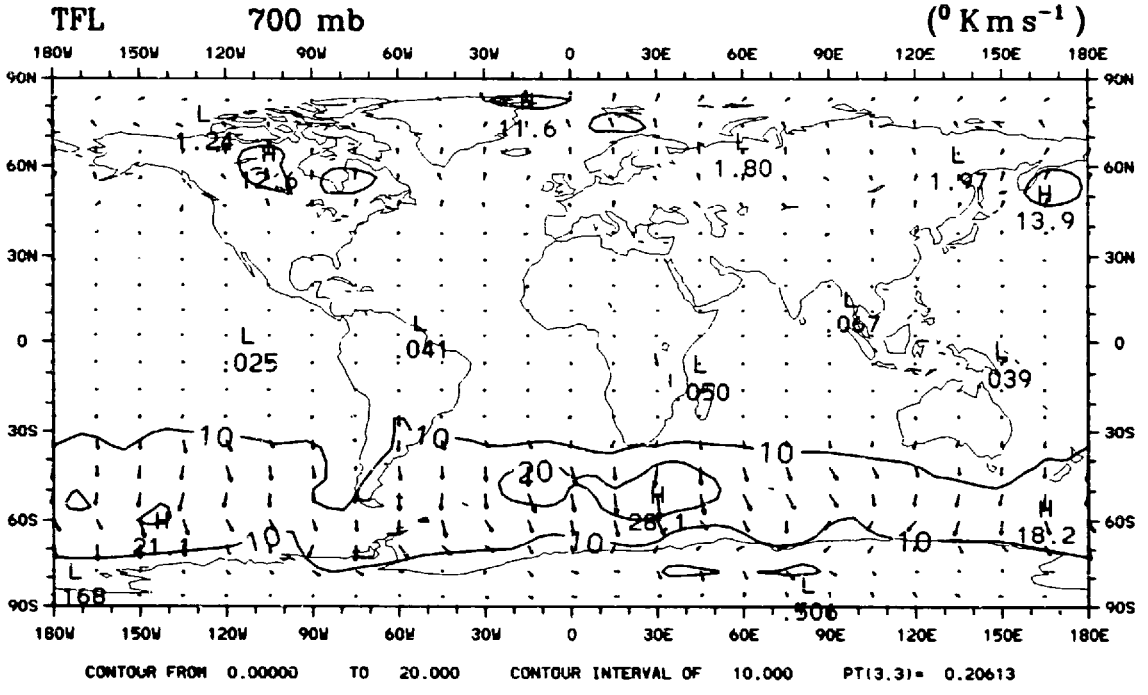
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.73

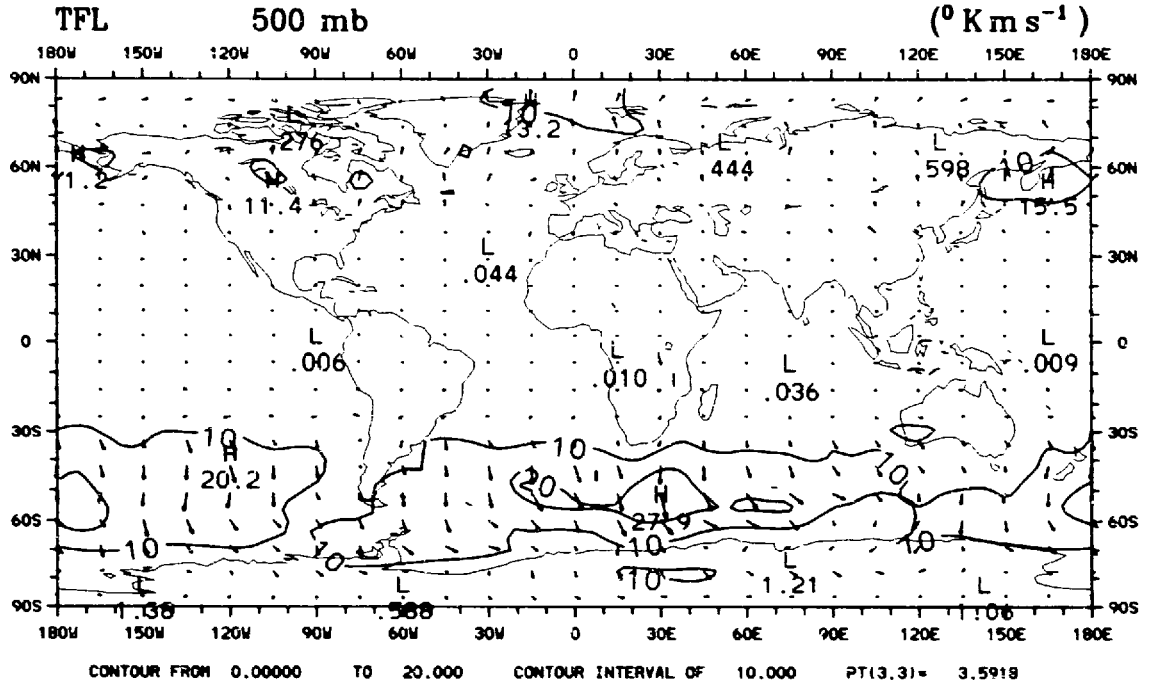
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.74

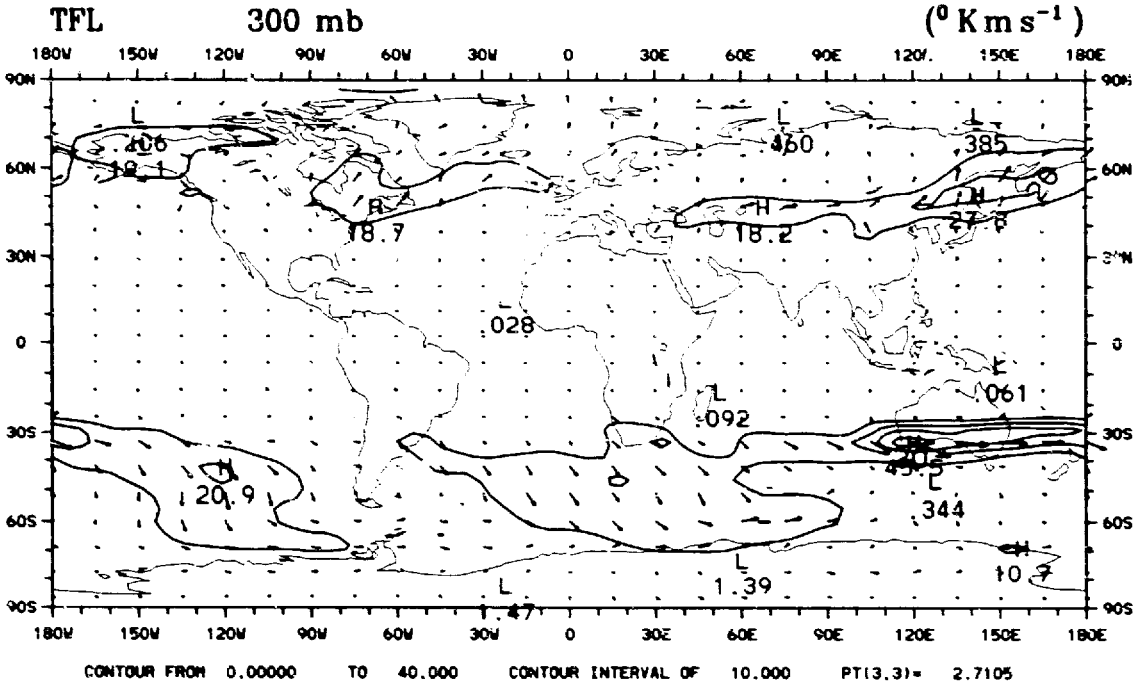
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

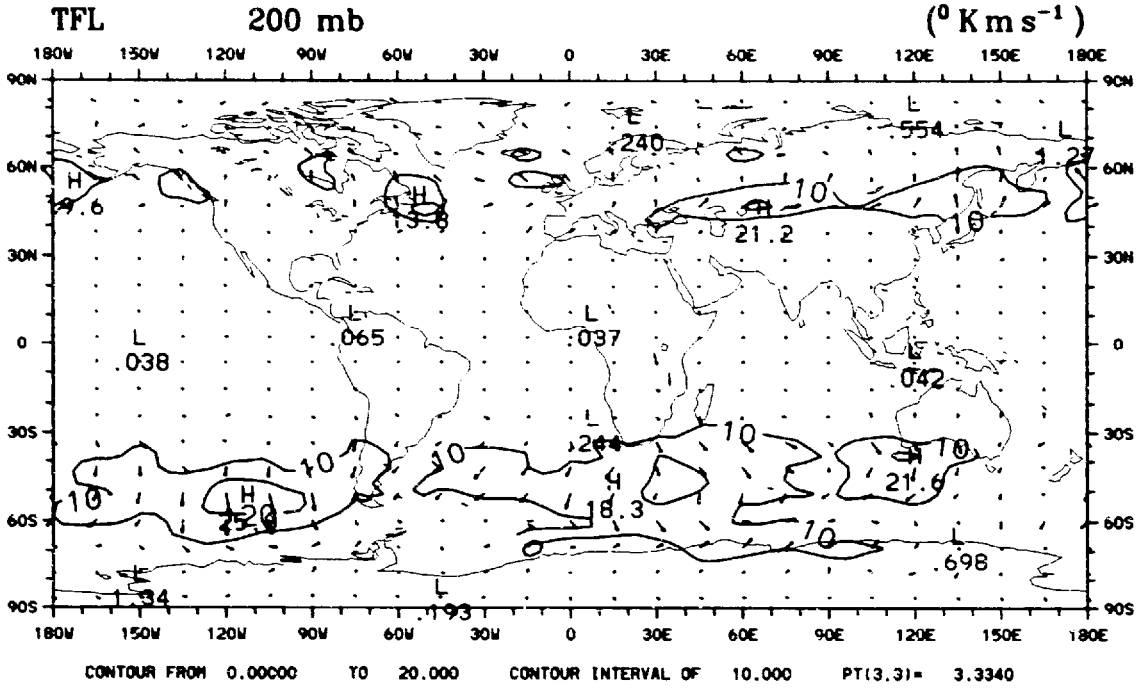
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.76

0.500E+02 →
SCALING VECTOR

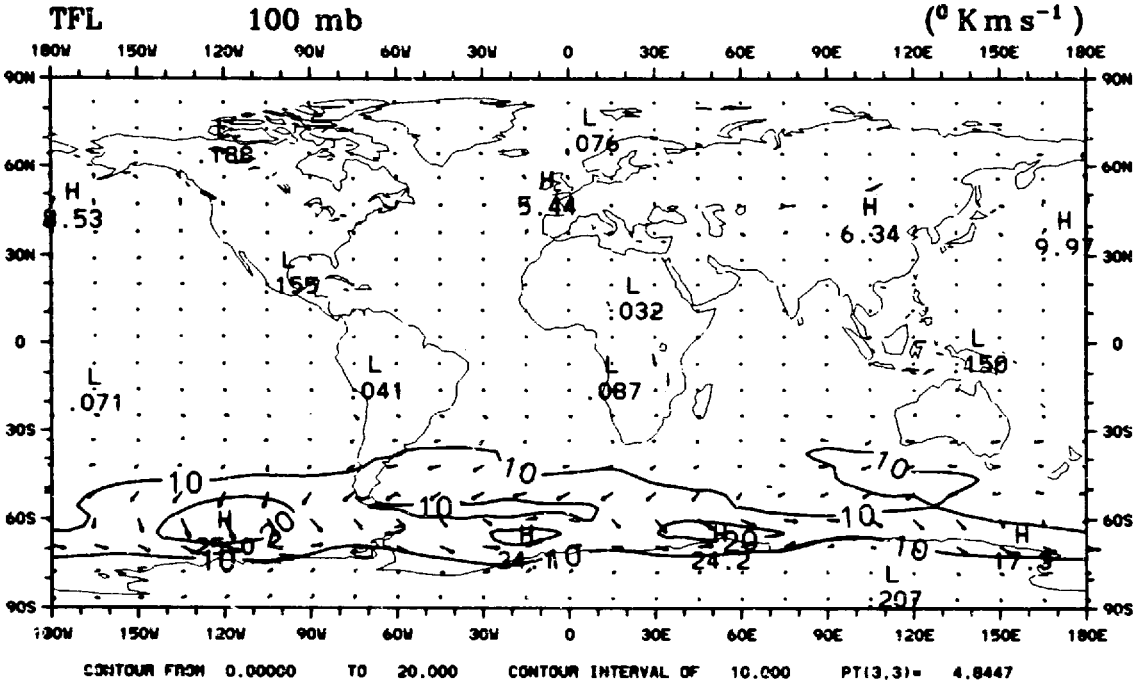
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

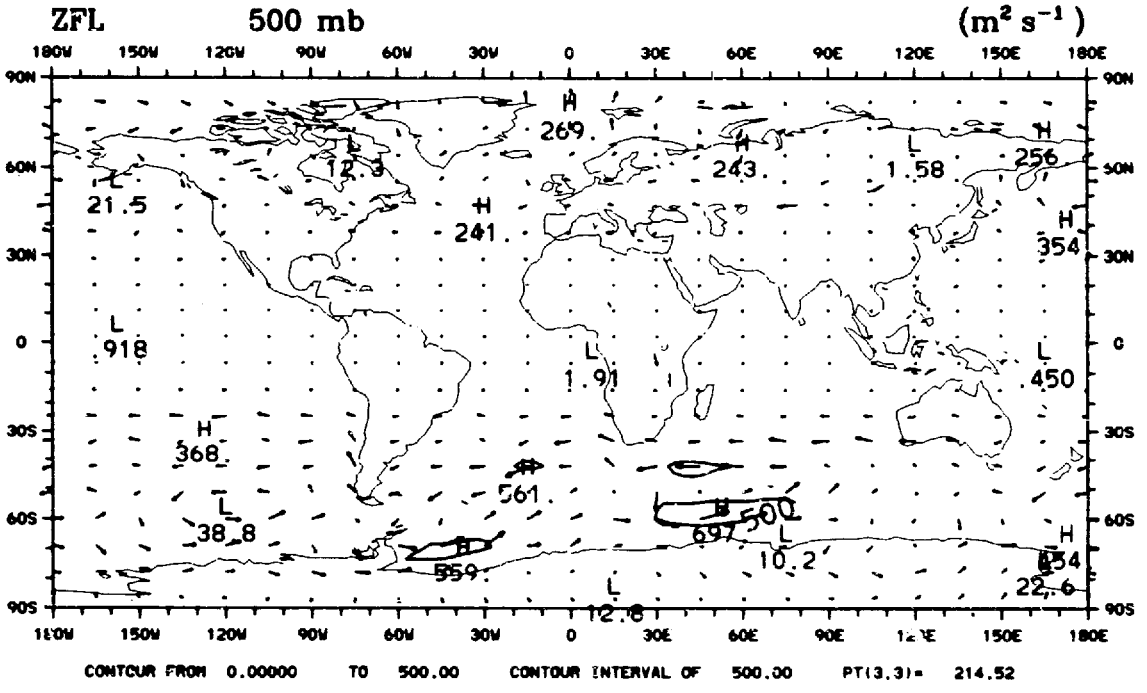
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

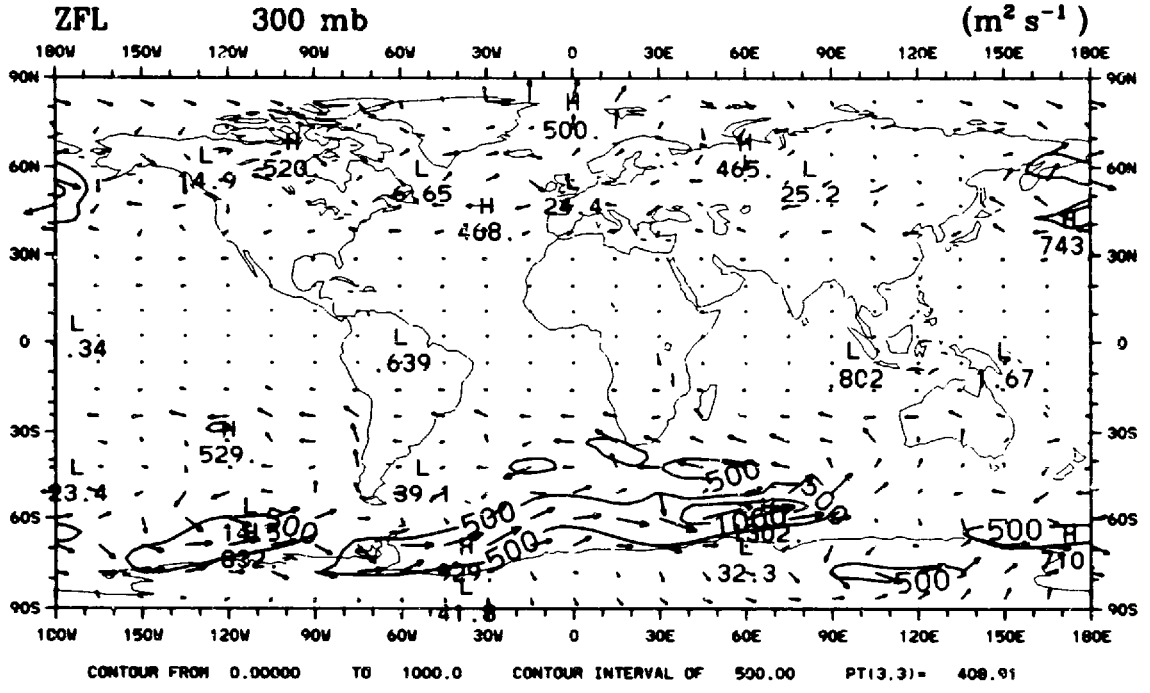
## EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.79

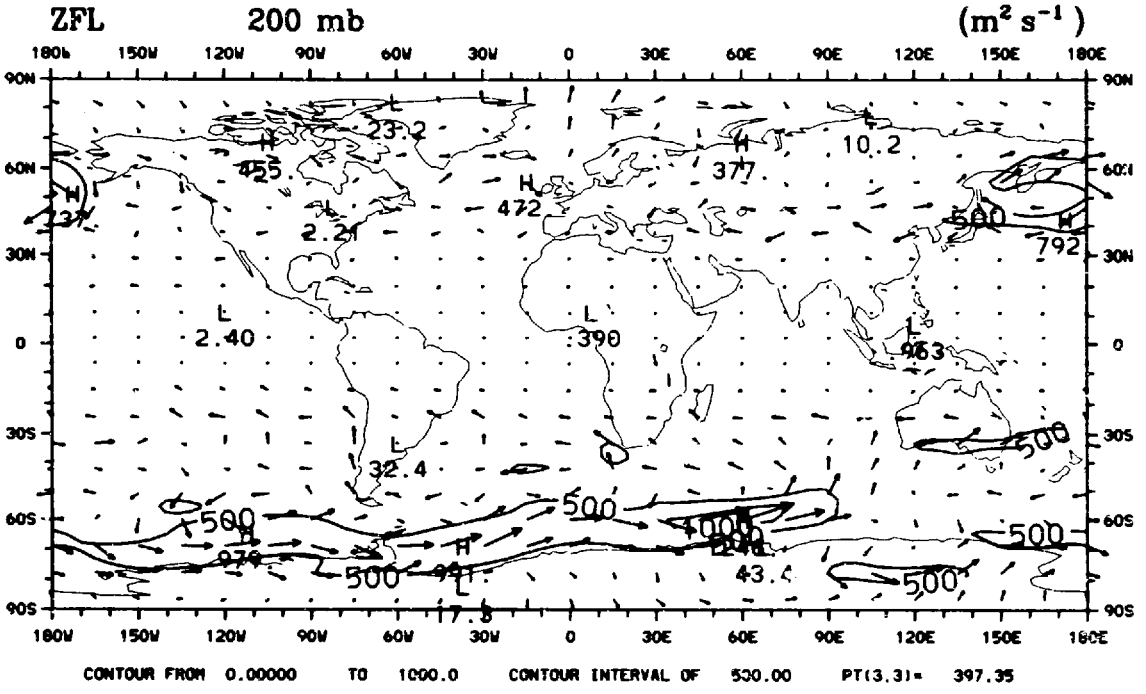
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.80

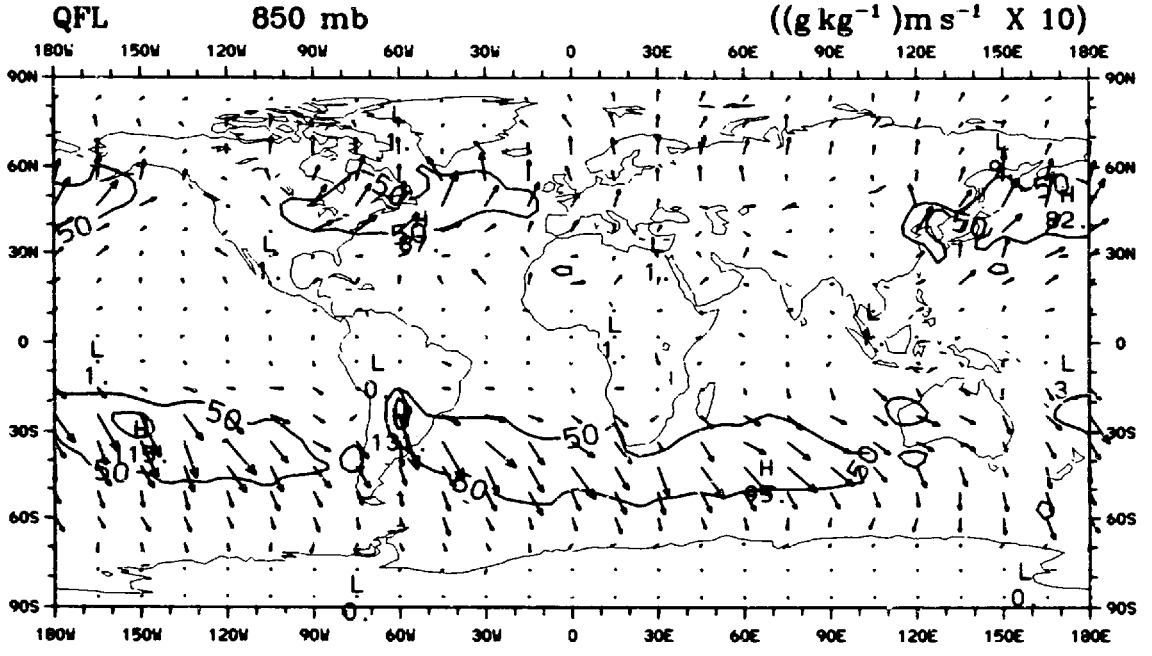
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

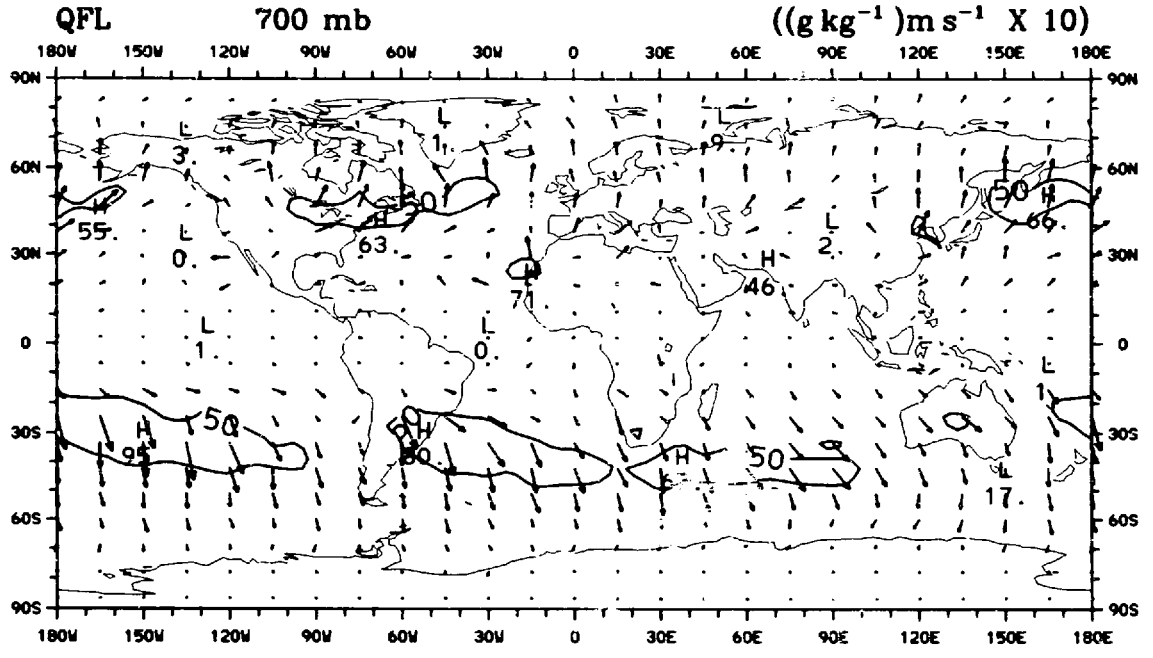



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.30547E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.82

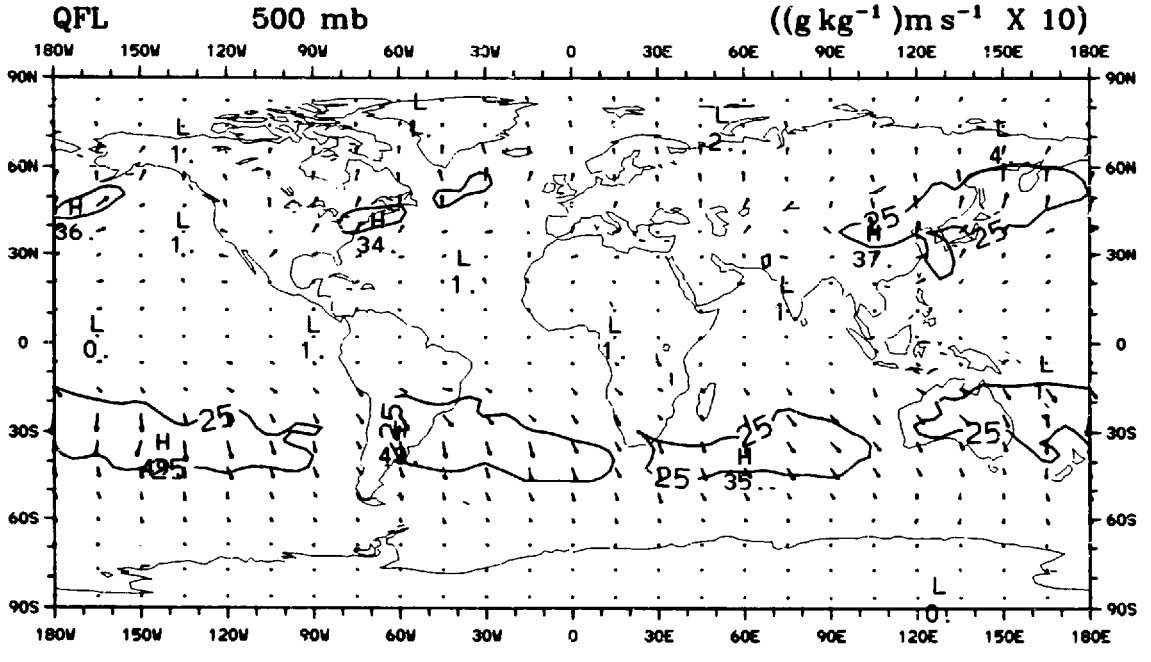
EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)




0.100E-01 ⟶
SCALING VECTOR

FRAME 2.83

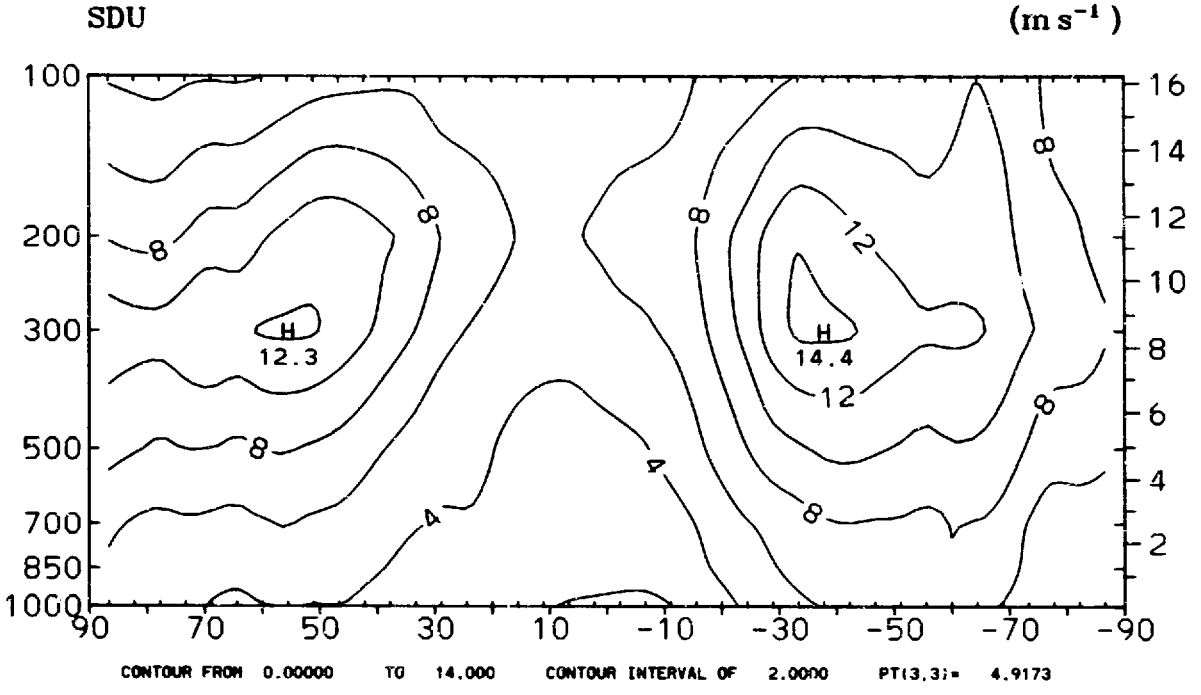
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




0.100E-01 ⟶
SCALING VECTOR

FRAME 2.84

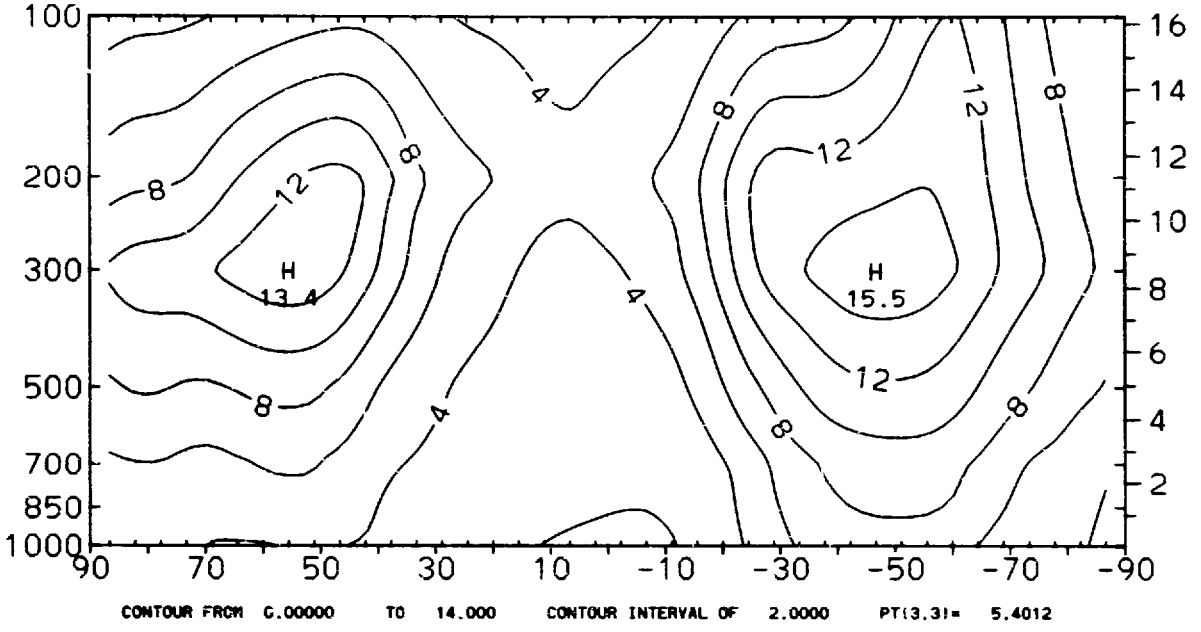
EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.85

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

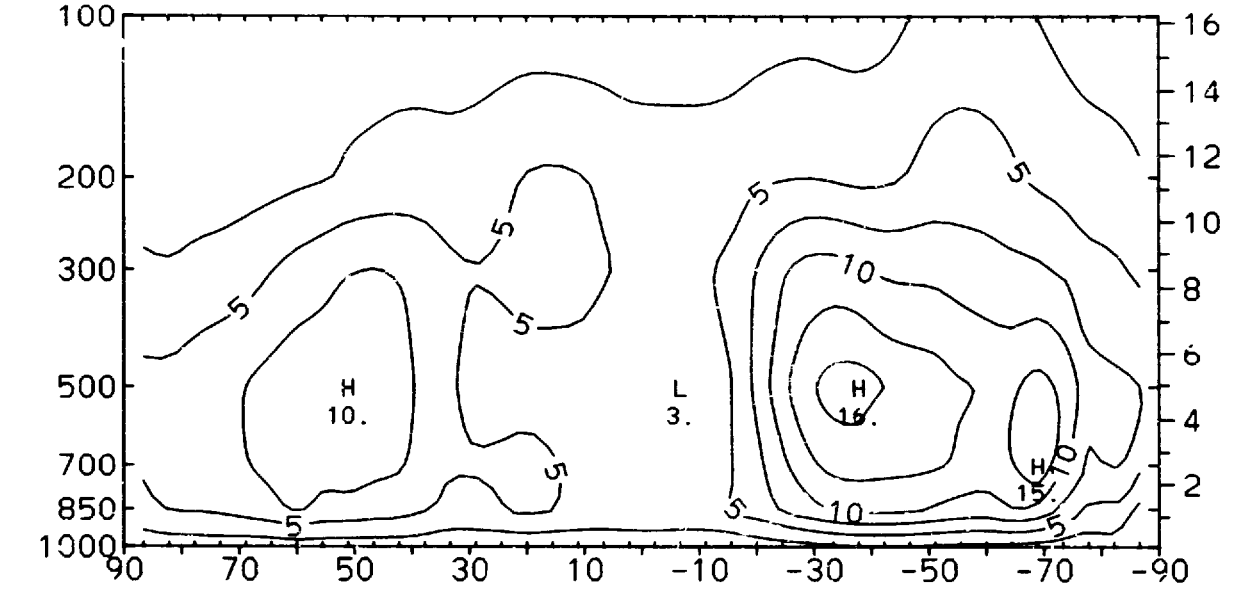
SDV (m s$^{-1}$)




FRAME 2.86

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

SDW (mb $s^{-1}$ X $10^4$)

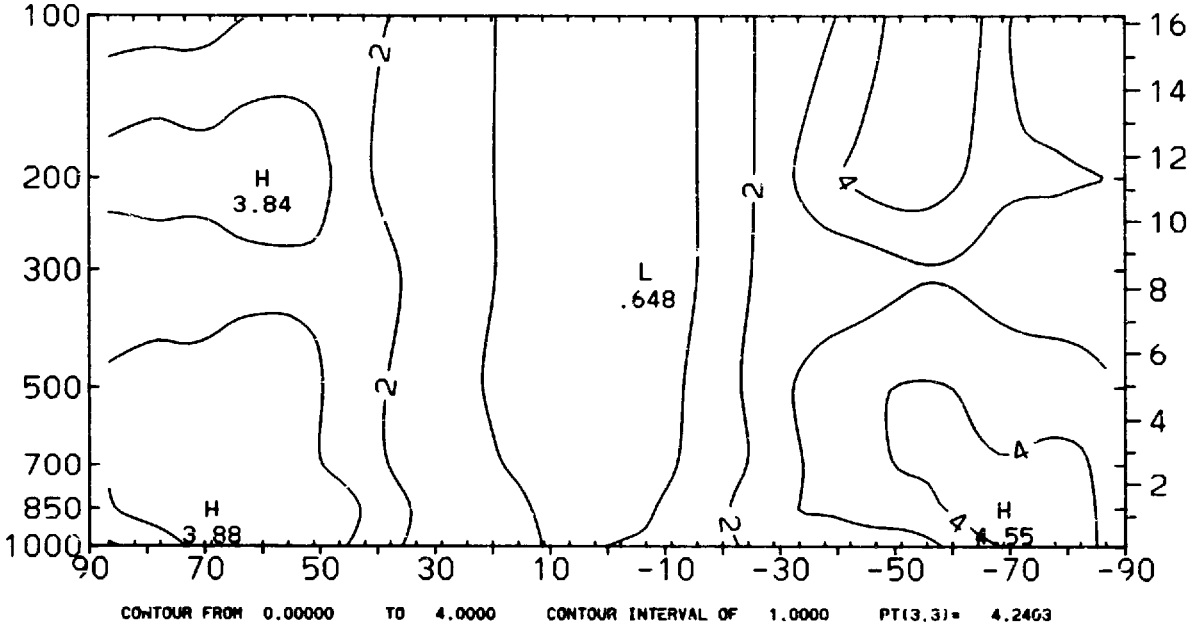



CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.71081E-03 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

SDT (°K)

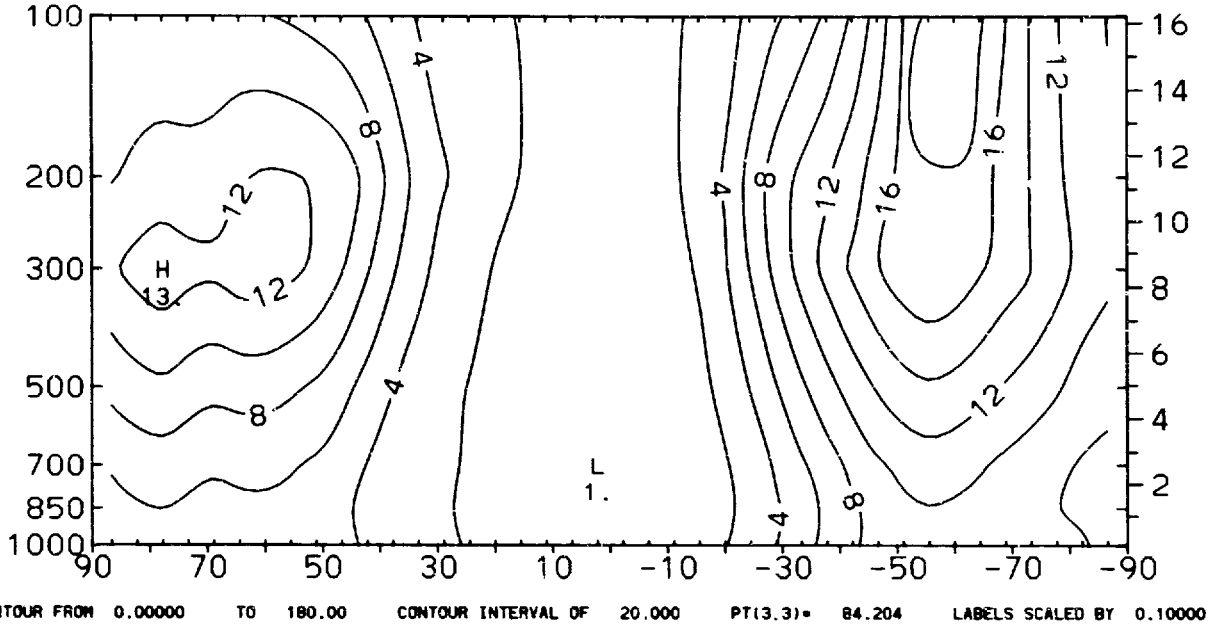



CONTOUR FROM 0.00000 TO 4.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 4.2403

FRAME 2.88

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

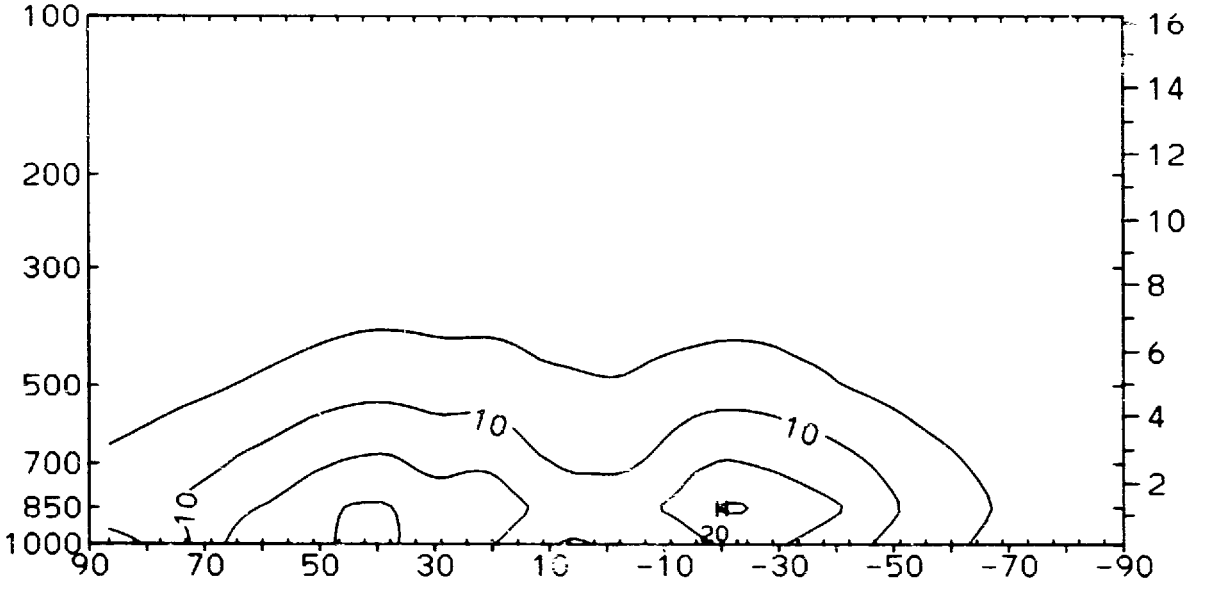



CONTOUR FROM 0.00000 TO 180.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 84.204 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

SDQ (g kg$^{-1}$ X 10)

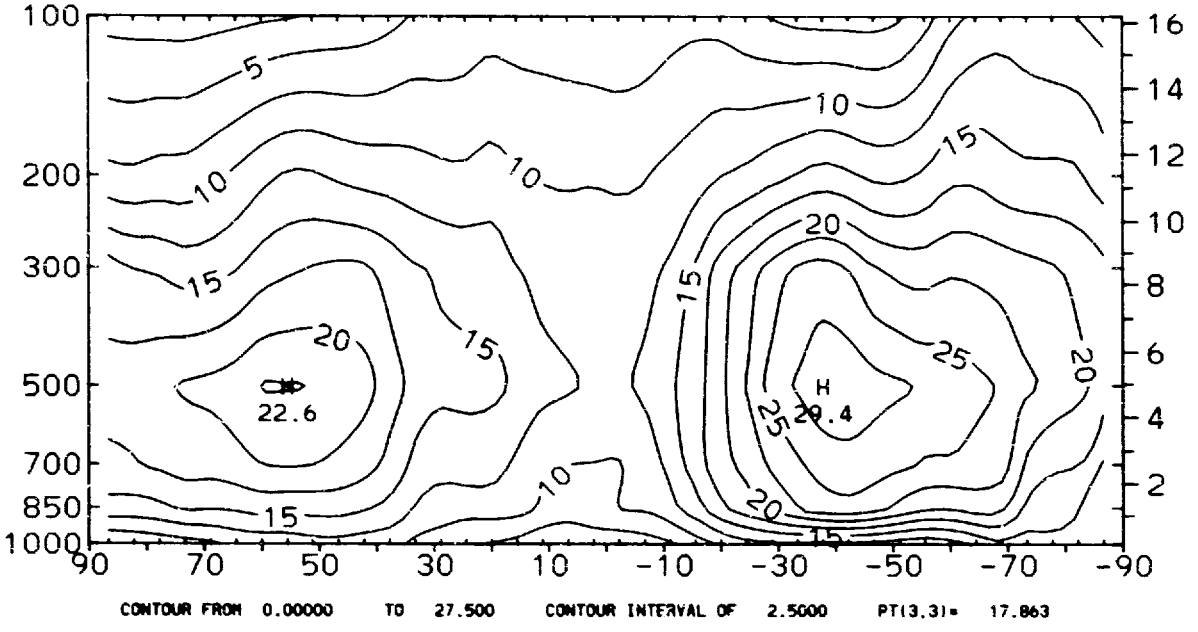



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.16775E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

SDRH (%)

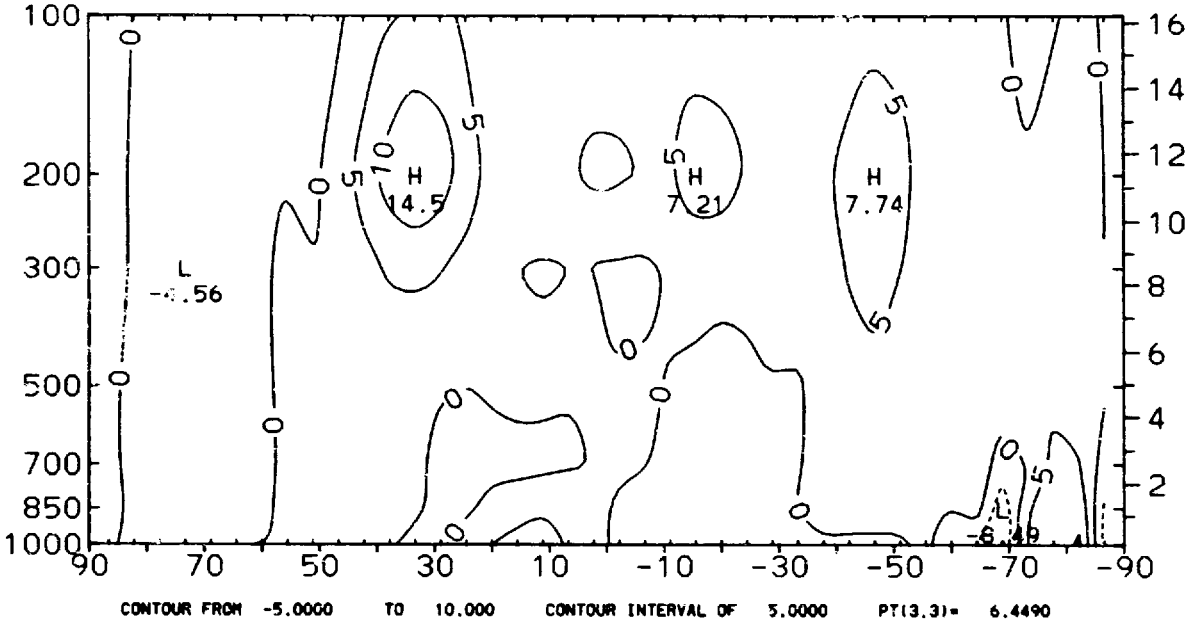



CONTOUR FROM 0.00000 TO 27.500 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 17.863

FRAME 2.91

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

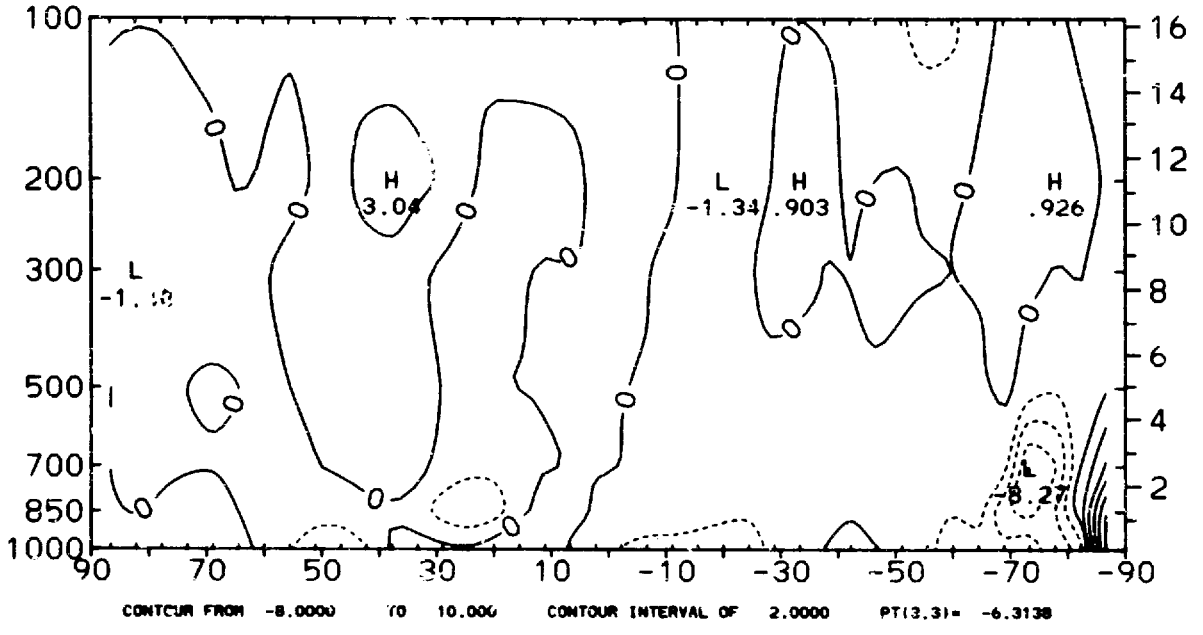
UVS $(m^2 s^{-2})$




FRAME 2.92

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

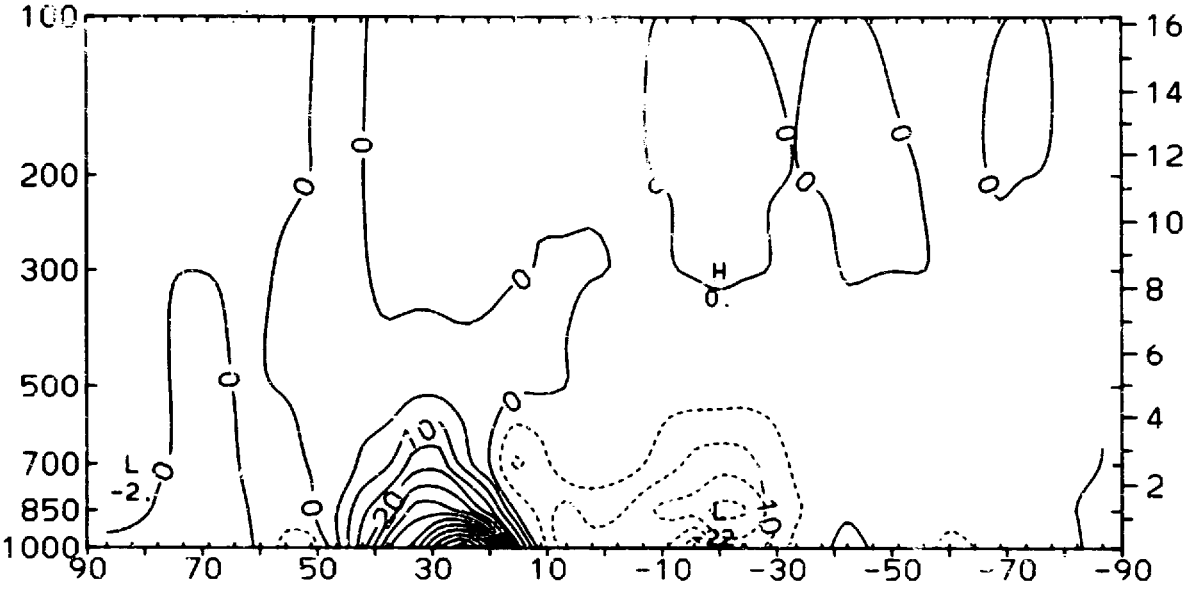
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 AUGUST (ENSEMBLE AVERAGE 1979–1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

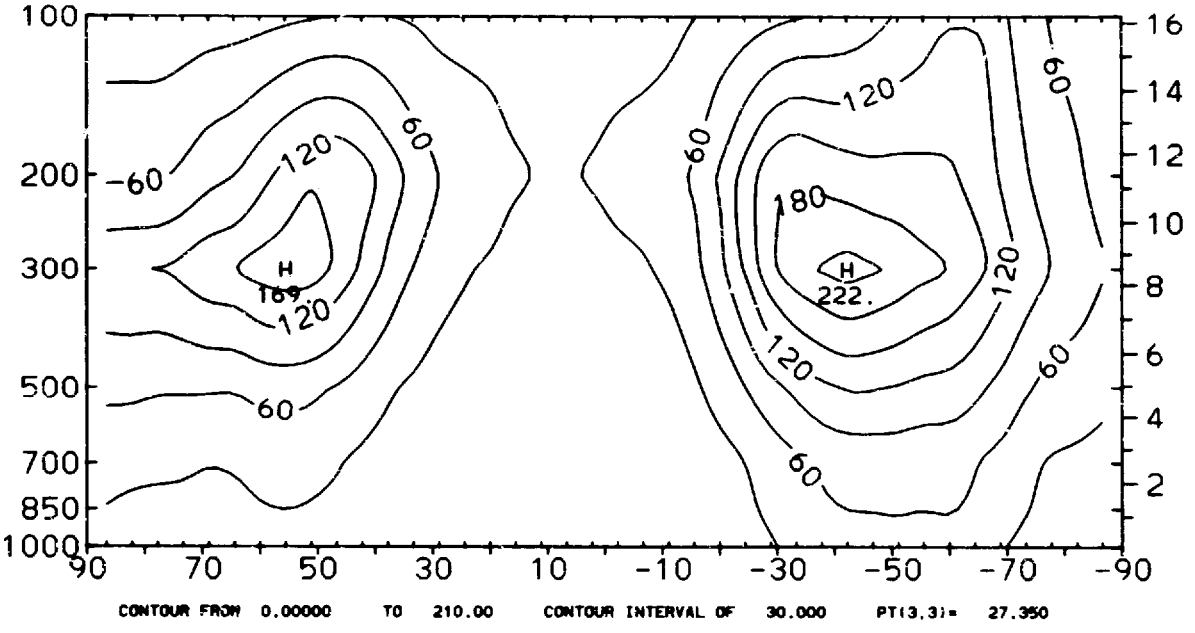



CONTOUR FROM -0.20000E-02 TO 0.65000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.15875E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 AUGUST (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




CONTOUR FROM 0.00000 TO 210.00 CONTOUR INTERVAL OF 30.000 PT(3,3)= 27.350

FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.0P | A | 608.0 TO 3165.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 608.0 TO 3165.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 608.0 TO 3165.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 608.0 TO 3165.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 608.0 TO 3165.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 608.0 TO 3165.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 608.0 TO 3165.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 608.0 TO 3165.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 608.0 TO 3165.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 608.0 TO 3165.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 608.0 TO 3165.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 608.0 TO 3165.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 608.0 TO 3165.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 608.0 TO 3165.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 608.0 TO 3165.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 608.0 TO 3165.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 608.0 TO 3165.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 608.0 TO 3165.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 608.0 TO 3165.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 608.0 TO 3165.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 608.0 TO 3165.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 608.0 TO 3165.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 608.0 TO 3165.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 608.0 TO 3165.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 608.0 TO 3165.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 608.0 TO 3165.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 608.0 TO 3165.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 608.0 TO 3165.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 608.0 TO 3165.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 850.0P | A | 608.0 TO 3165.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 608.0 TO 3165.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 608.0 TO 3165.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 608.0 TO 3165.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 608.0 TO 3165.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 608.0 TO 3165.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 608.0 TO 3165.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 608.0 TO 3165.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 608.0 TO 3165.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 608.0 TO 3165.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 608.0 TO 3165.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 608.0 TO 3165.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 608.0 TO 3165.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 608.0 TO 3165.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 608.0 TO 3165.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 608.0 TO 3165.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 608.0 TO 3165.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 608.0 TO 3165.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 608.0 TO 3165.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 608.0 TO 3165.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 608.0 TO 3165.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 608.0 TO 3165.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 608.0 TO 3165.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 608.0 TO 3165.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 608.0 TO 3165.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 608.0 TO 3165.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 608.0 TO 3165.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 608.0 TO 3165.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 608.0 TO 3165.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 608.0 TO 3165.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 608.0 TO 3165.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 608.0 TO 3165.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 608.0 TO 3165.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 608.0 TO 3165.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 608.0 TO 3165.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 608.0 TO 3165.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 608.0 TO 3165.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 608.0 TO 3165.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 608.0 TO 3165.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 608.0 TO 3165.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 608.0 TO 3165.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 608.0 TO 3165.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 608.0 TO 3165.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 608.0 TO 3165.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 608.0 TO 3165.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 608.0 TO 3165.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 608.0 TO 3165.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 608.0 TO 3165.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 608.0 TO 3165.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 608.0 TO 3165.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 608.0 TO 3165.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 608.0 TO 3165.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 608.0 TO 3165.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 608.0 TO 3165.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 608.0 TO 3165.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 608.0 TO 3165.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 608.0 TO 3165.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 608.0 TO 3165.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 608.0 TO 3165.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 608.0 TO 3165.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 608.0 TO 3165.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 608.0 TO 3165.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 608.0 TO 3165.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 608.0 TO 3165.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 608.0 TO 3165.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 608.0 TO 3165.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 608.0 TO 3165.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 608.0 TO 3165.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 608.0 TO 3165.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 608.0 TO 3165.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 608.0 TO 3165.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VVP | 500.0P | A | 608.0 TO 3165.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VVP | 300.0P | A | 608.0 TO 3165.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VVP | 200.0P | A | 608.0 TO 3165.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 608.0 TO 3165.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 608.0 TO 3165.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 608.0 TO 3165.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 608.0 TO 3165.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 608.0 TO 3165.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 608.0 TO 3165.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 608.0 TO 3165.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 608.0 TO 3165.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 608.0 TO 3165.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 608.0 TO 3165.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 608.0 TO 3165.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 608.0 TO 3165.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 608.0 TO 3165.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 608.0 TO 3165.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 608.0 TO 3165.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 608.0 TO 3165.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 608.0 TO 3165.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 608.0 TO 3165.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 608.0 TO 3165.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 608.0 TO 3165.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 608.0 TO 3165.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 608.0 TO 3165.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 608.0 TO 3165.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 608.0 TO 3165.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 608.0 TO 3165.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 608.0 TO 3165.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 608.0 TO 3165.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 608.0 TO 3165.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 608.0 TO 3165.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 608.0 TO 3165.0 |

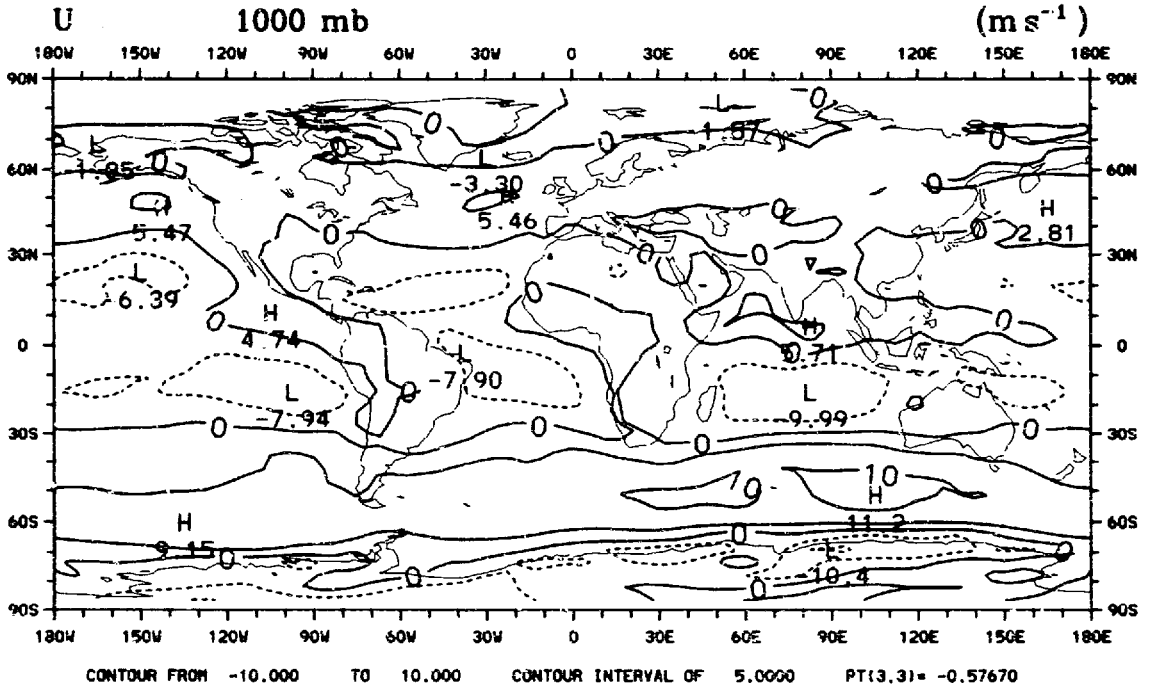
INDEX OF PLOTS FOR DISPUSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 608.0 TO 3165.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 608.0 TO 3165.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 608.0 TO 3165.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 608.0 TO 3165.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 608.0 TO 3165.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 608.0 TO 3165.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 608.0 TO 3165.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 608.0 TO 3165.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 608.0 TO 3165.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 608.0 TO 3165.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 608.0 TO 3165.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 608.0 TO 3165.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 608.0 TO 3165.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 608.0 TO 3165.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 608.0 TO 3165.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 608.0 TO 3165.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 608.0 TO 3165.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 608.0 TO 3165.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 608.0 TO 3165.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 608.0 TO 3165.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 608.0 TO 3165.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 608.0 TO 3165.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 608.0 TO 3165.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 608.0 TO 3165.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 608.0 TO 3165.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 608.0 TO 3165.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 608.0 TO 3165.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 608.0 TO 3165.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 608.0 TO 3165.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 608.0 TO 3165.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 608.0 TO 3165.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 608.0 TO 3165.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 608.0 TO 3165.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 608.0 TO 3165.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 608.0 TO 3165.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 608.0 TO 3165.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 608.0 TO 3165.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 608.0 TO 3165.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 608.0 TO 3165.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 608.0 TO 3165.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 608.0 TO 3165.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 608.0 TO 3165.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 608.0 TO 3165.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 608.0 TO 3165.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 608.0 TO 3165.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 608.0 TO 3165.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 608.0 TO 3165.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 608.0 TO 3165.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 608.0 TO 3165.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 608.0 TO 3165.0 |

INDEx OF PLOTS FOR DISPOSE GROUP 1

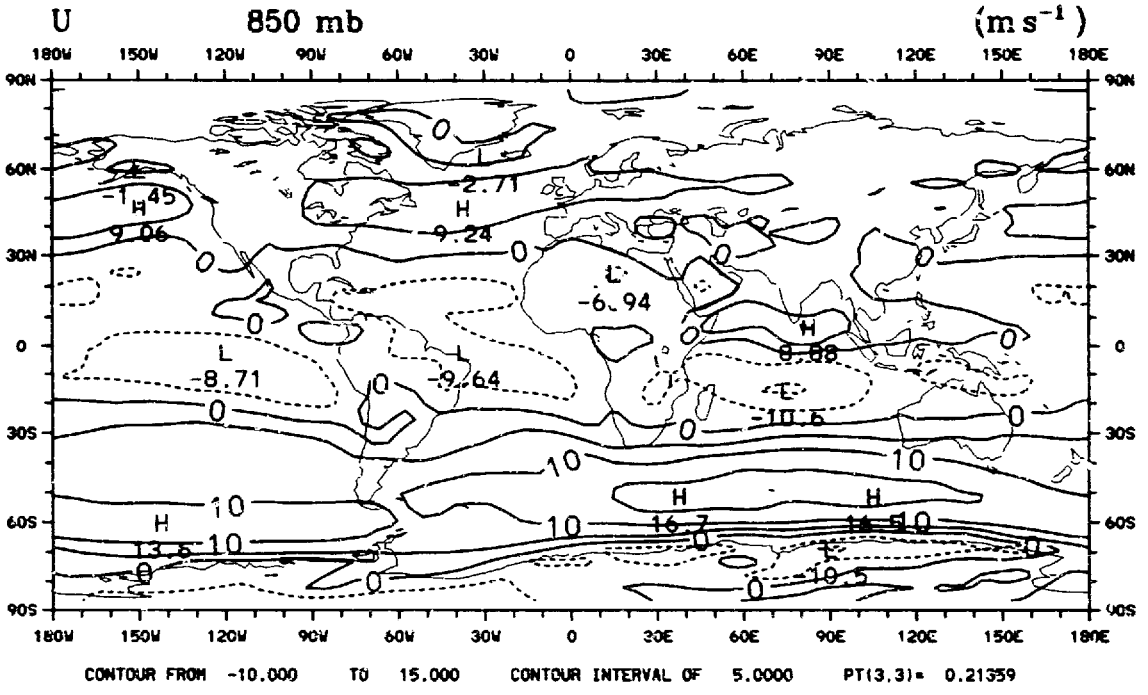
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 608.0 TO 3165.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 608.0 TO 3165.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 608.0 TO 3165.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 608.0 TO 3165.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 608.0 TO 3165.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 608.0 TO 3165.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 608.0 TO 3165.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 608.0 TO 3165.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 608.0 TO 3165.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 608.0 TO 3165.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 608.0 TO 3165.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 608.0 TO 3165.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 608.0 TO 3165.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 608.0 TO 3165.0 |

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



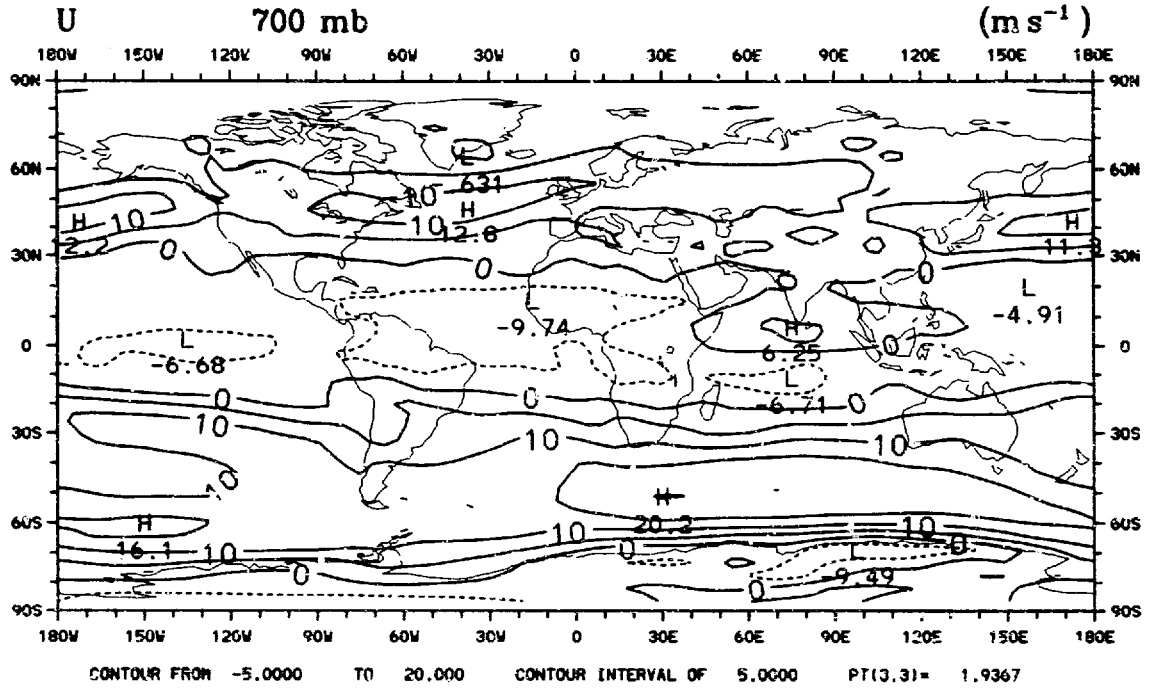

FRAME 1.1

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



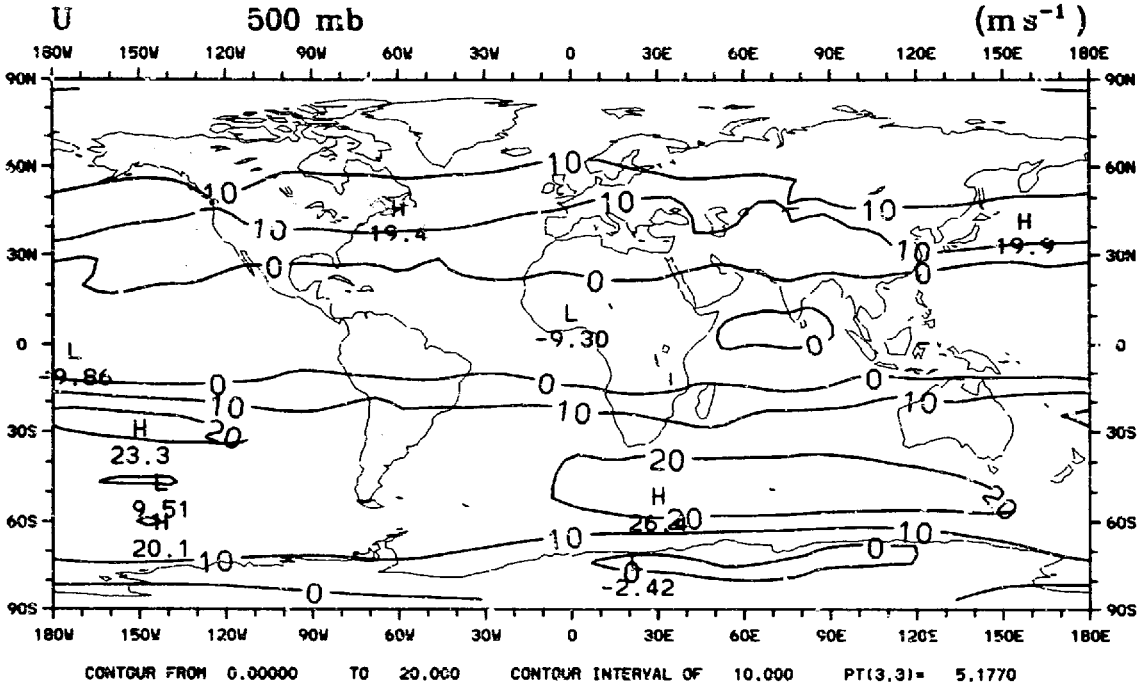

FRAME 1.2

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



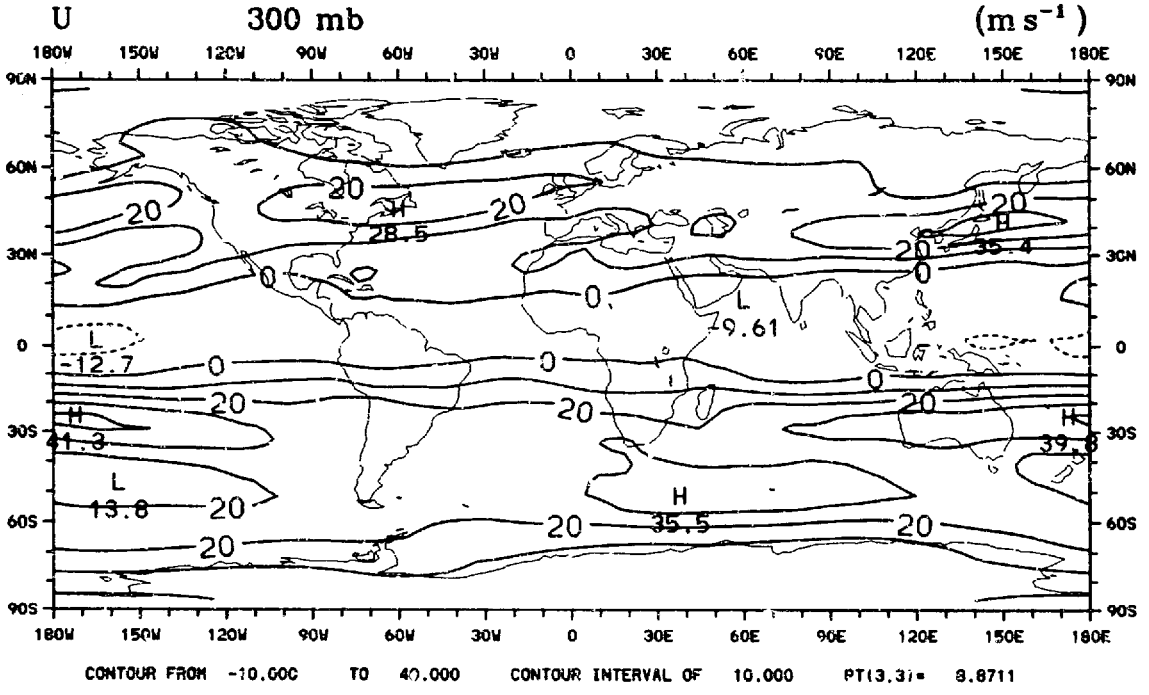

FRAME 1.3

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



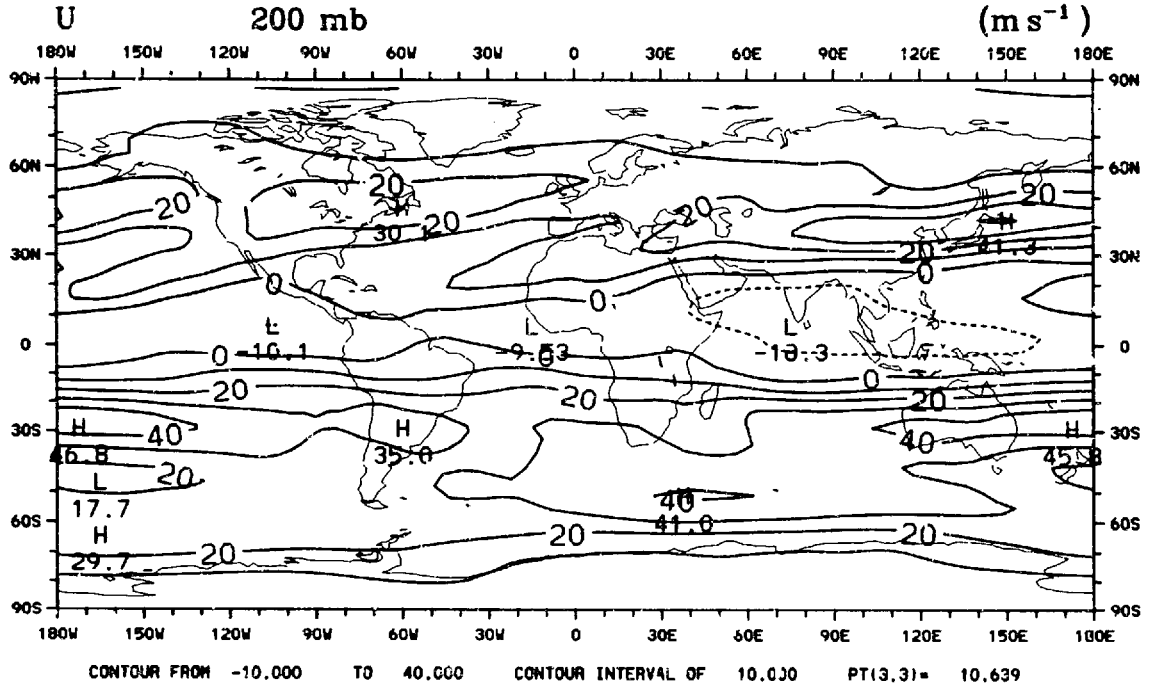

FRAME 1.4

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

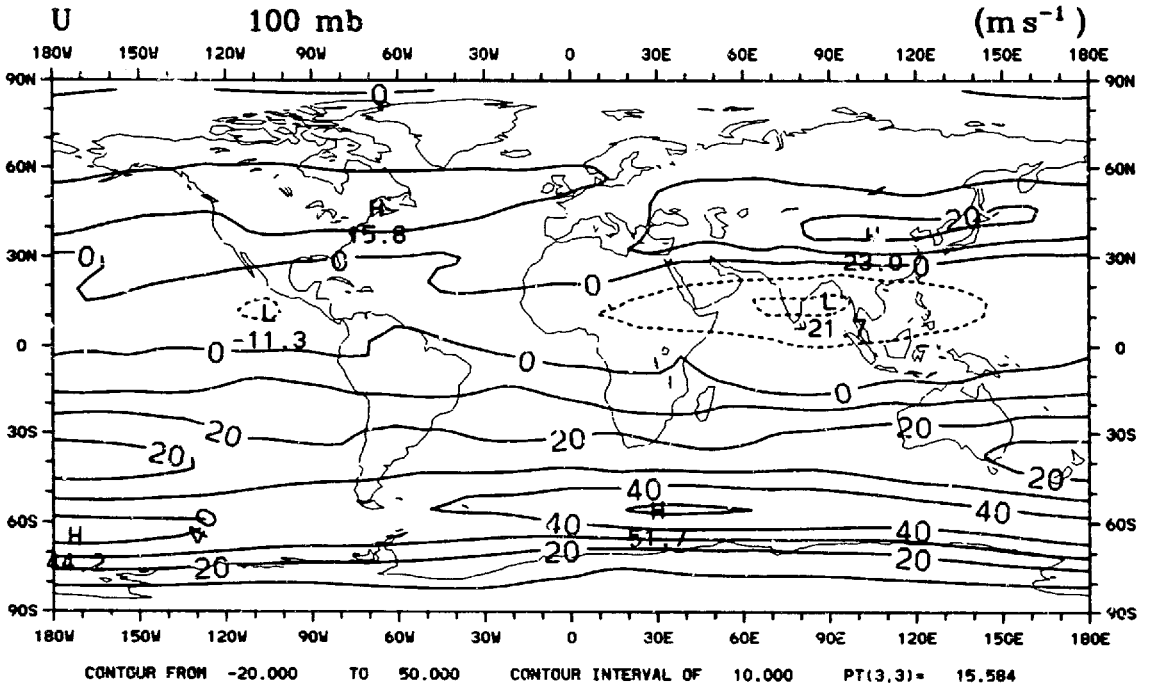



FRAME 1.5

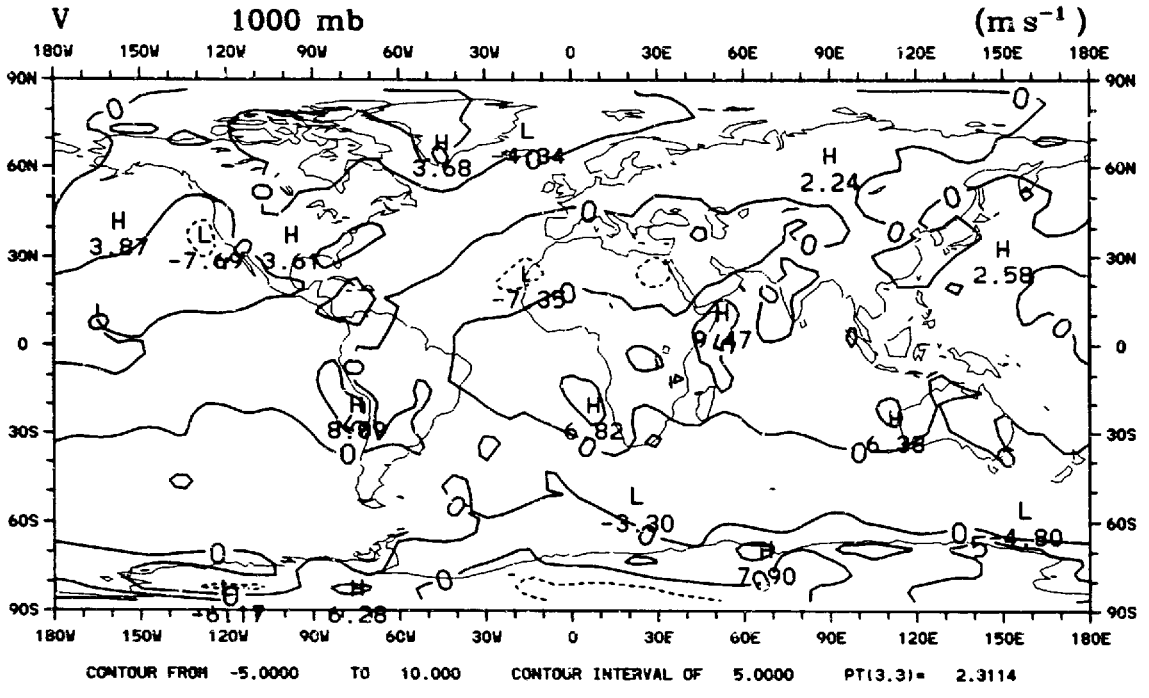
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.6

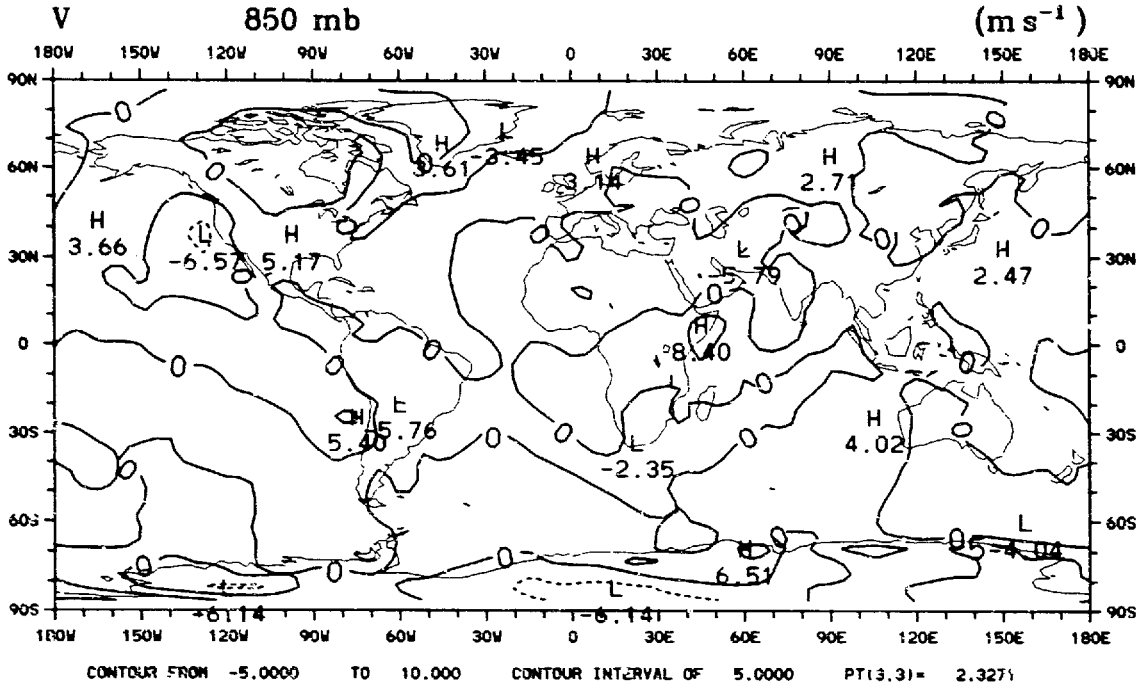

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
U
100 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
0
20
40
-11.3
15.8
23.0
21
51.7
CONTOUR FROM -20.000 TO 50.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 15.584

FRAME 1.7


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
V
1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -5.0000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 2.3114

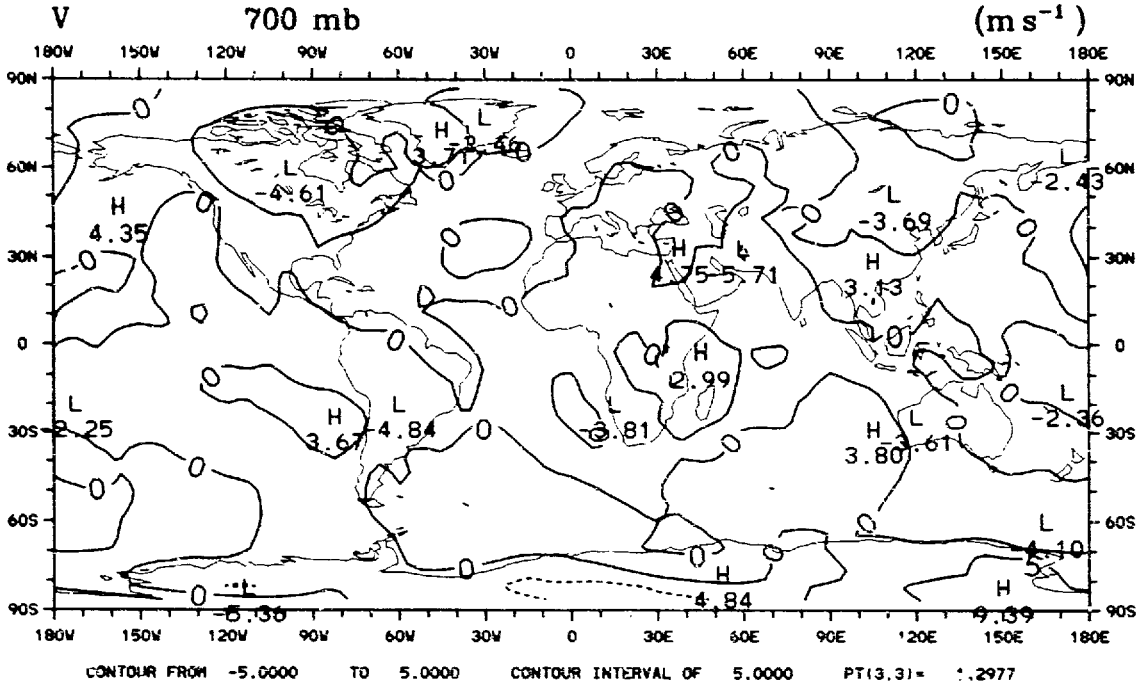
FRAME 1.8

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



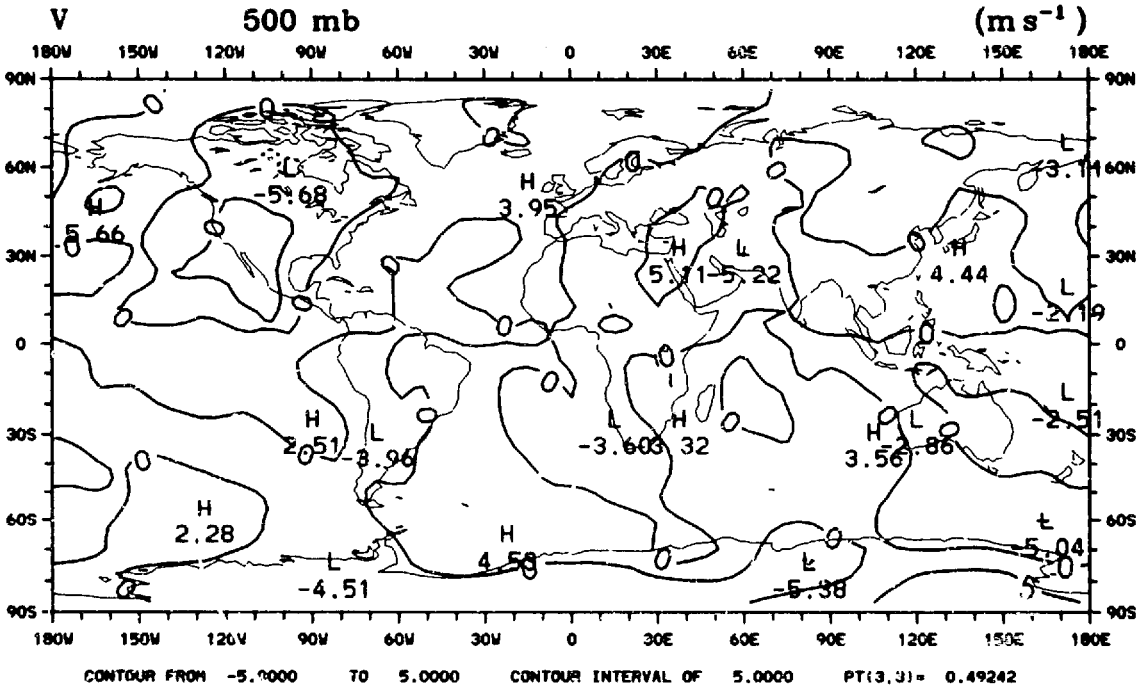

FRAME 1.9

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



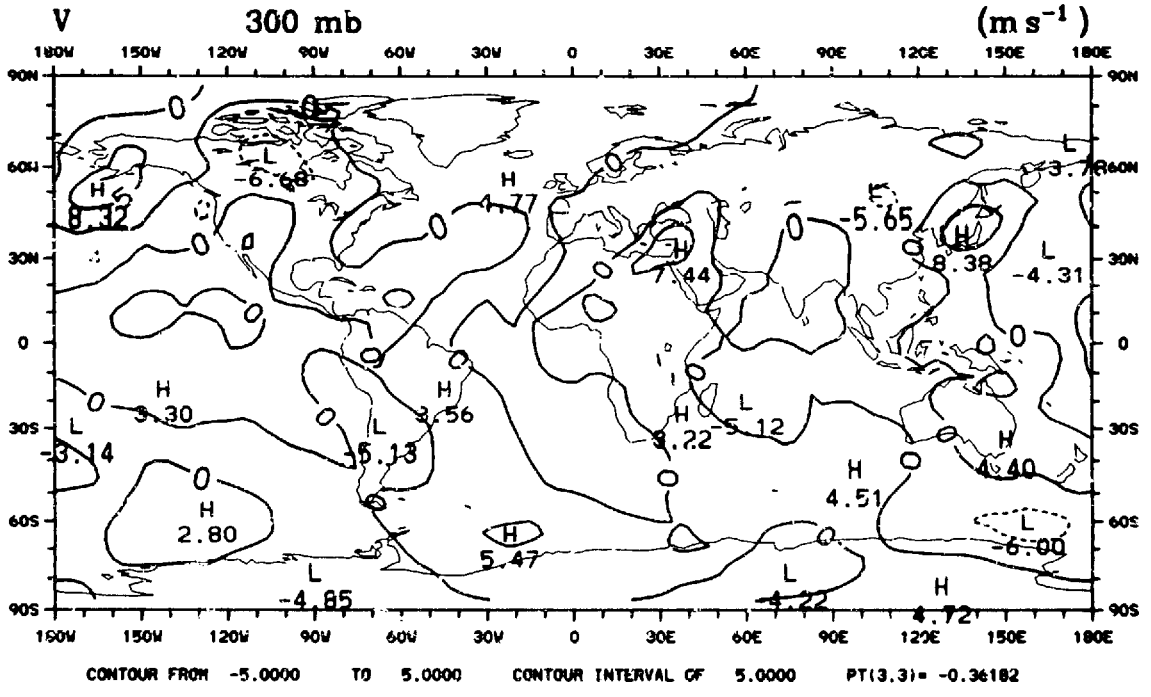

FRAME 1.10

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



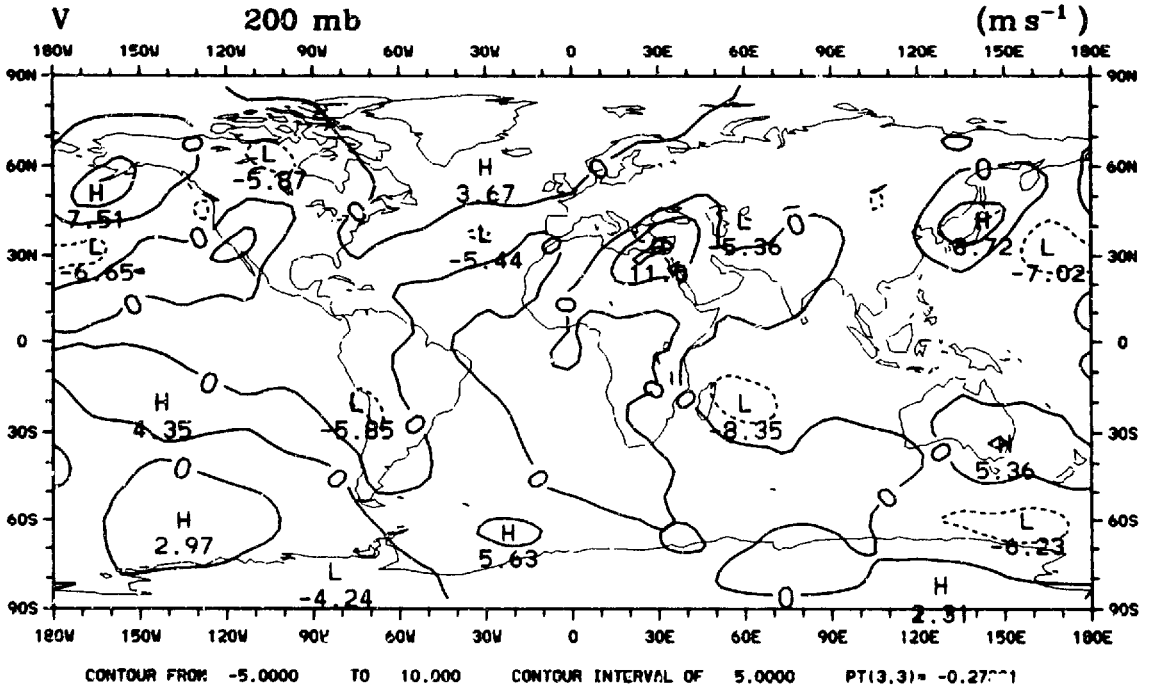

FRAME 1.11

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



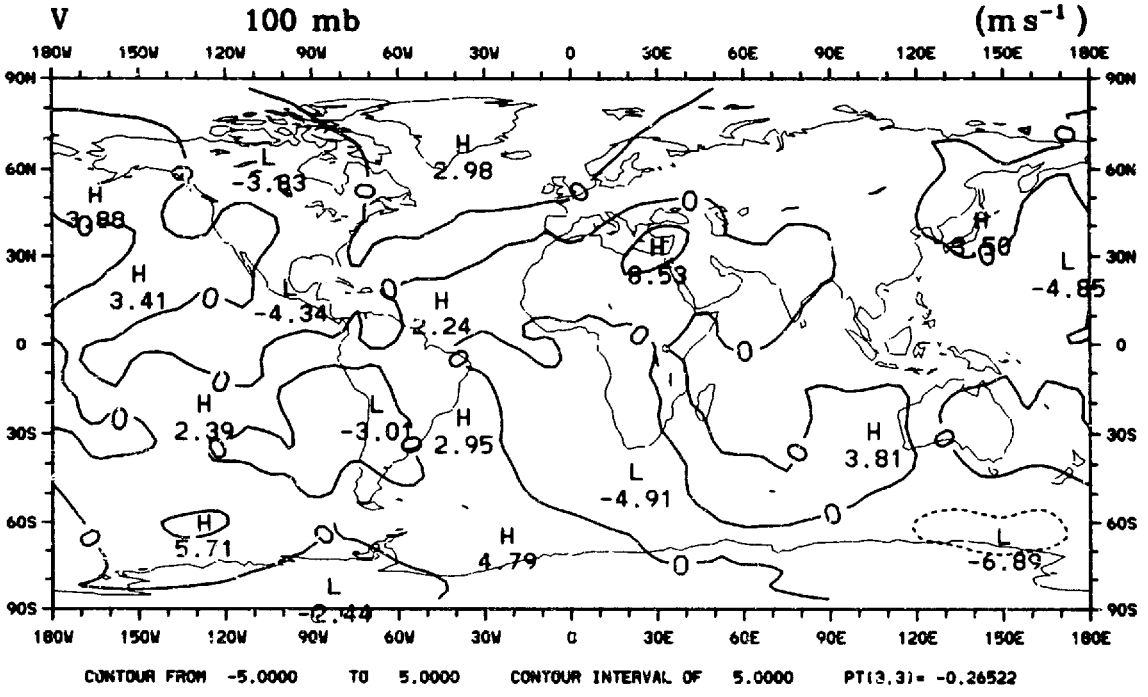

FRAME 1.12

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



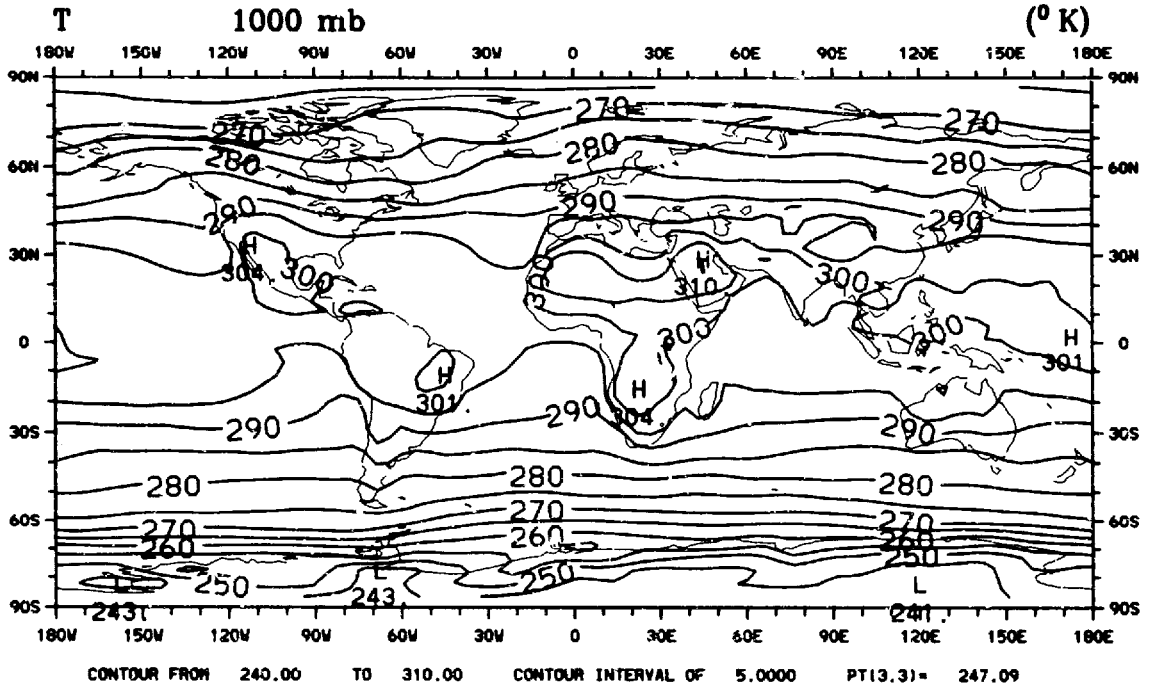

FRAME 1,13

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



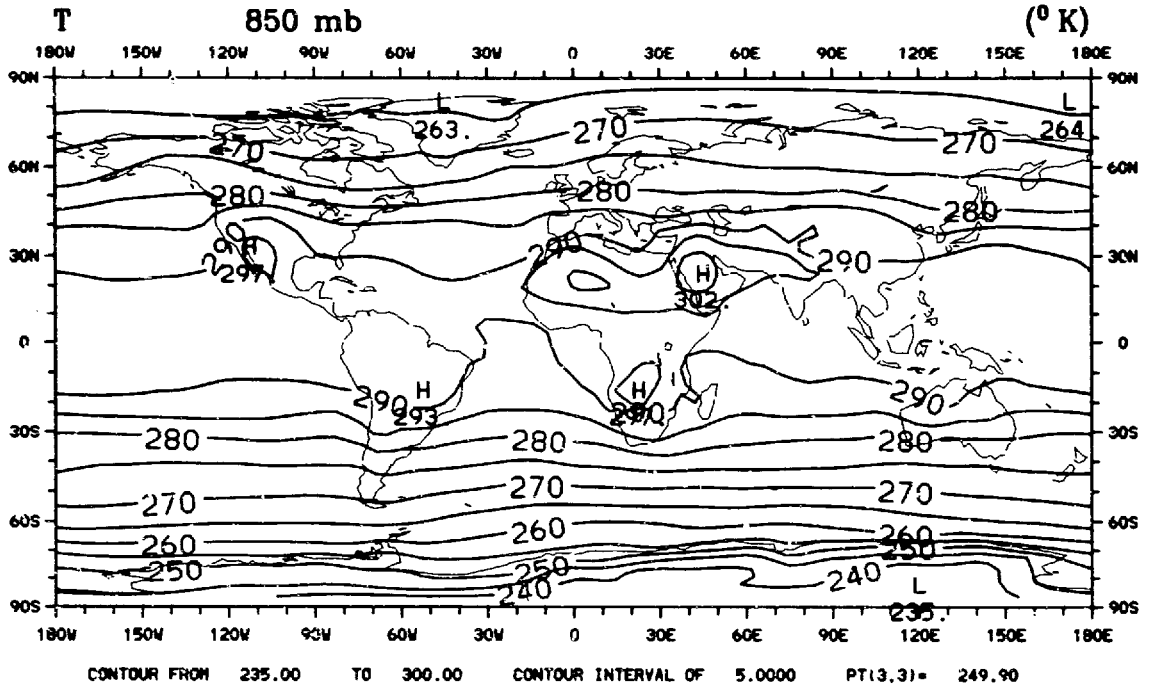

FRAME 1.14

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



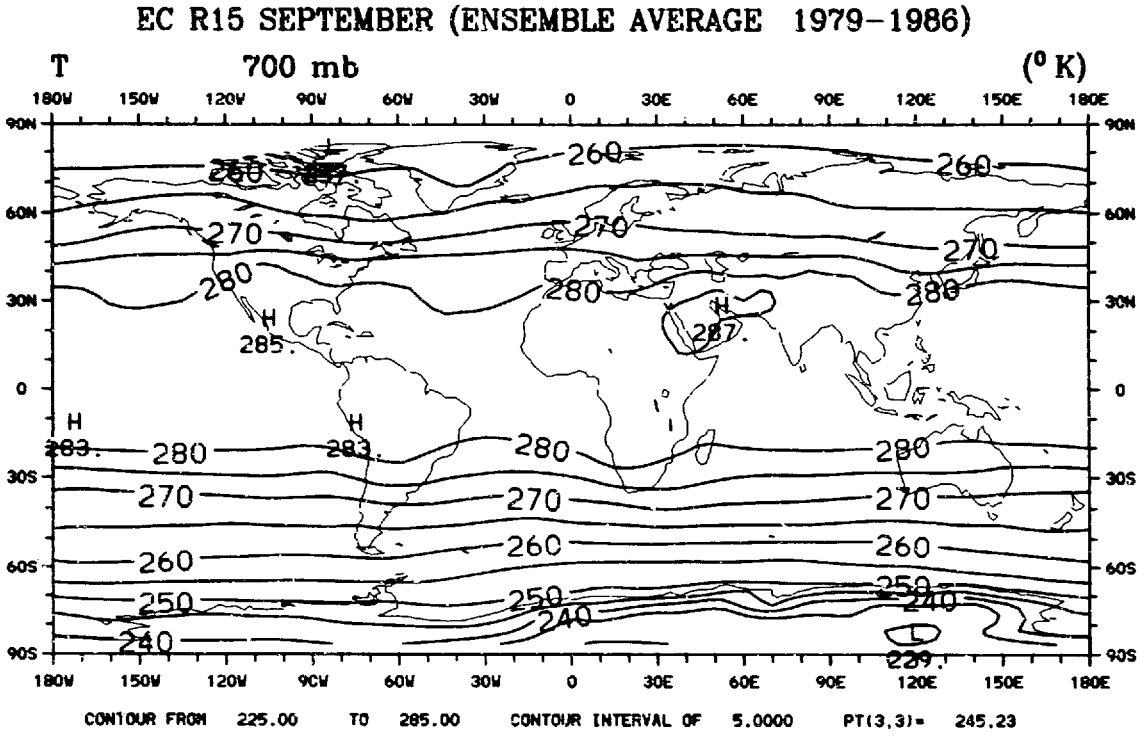

FRAME 1.15

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



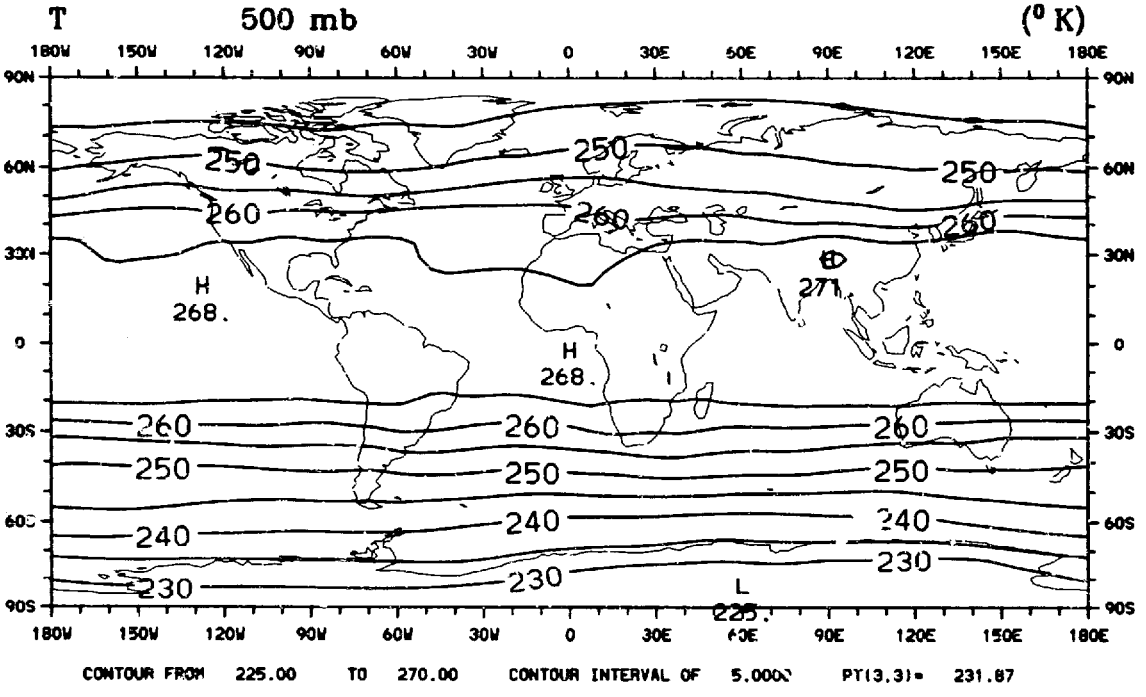

CONTOUR FROM 235.00 TO 300.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 249.90

FRAME 1.16


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
T
700 mb
(0 K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
260
270
280
285.
287.
283.
250
240
229.
CONTOUR FROM 225.00 TO 285.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 245.23

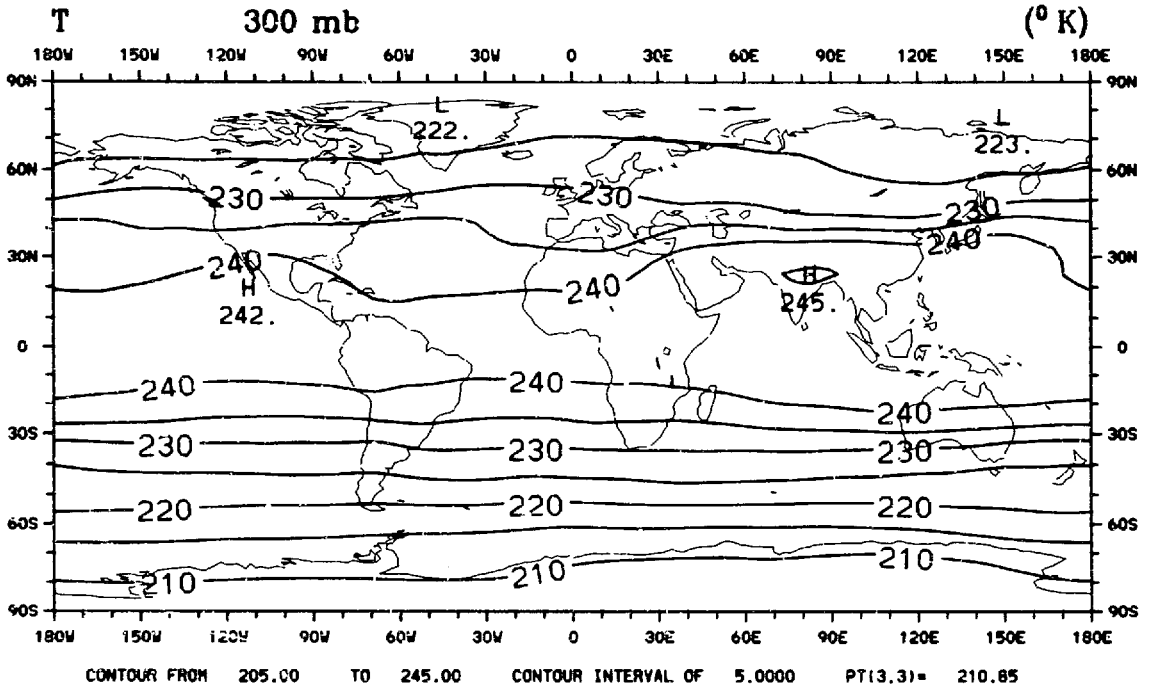
FRAME 1.17

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



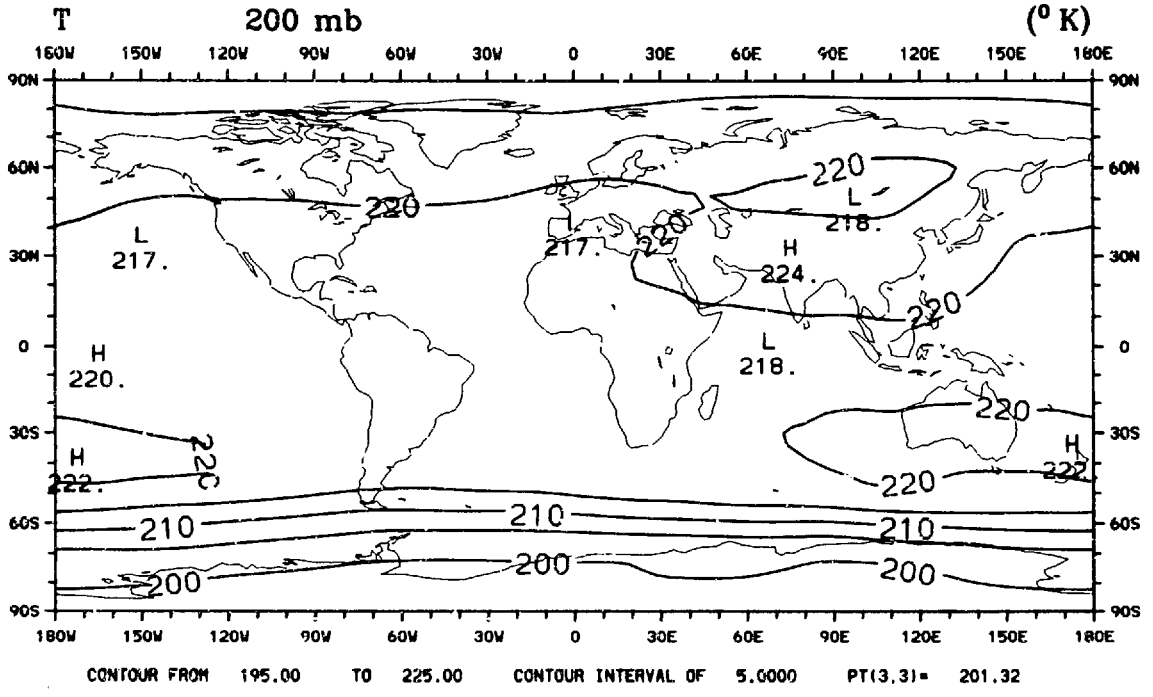

FRAME 1.18

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



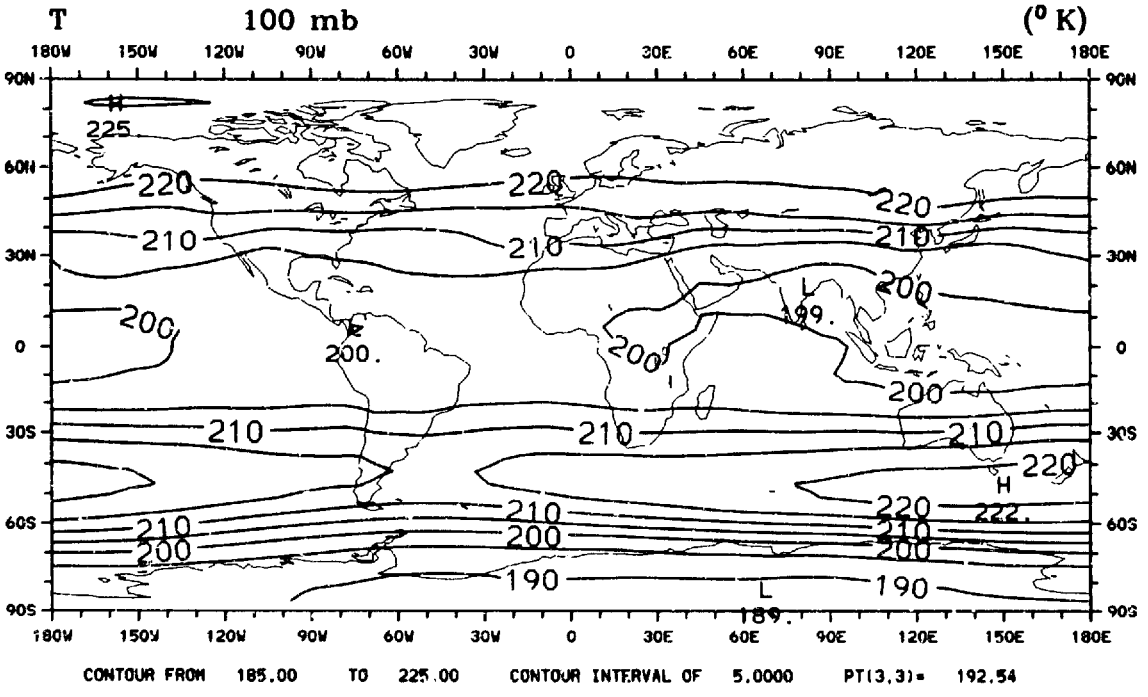

FRAME 1.19

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



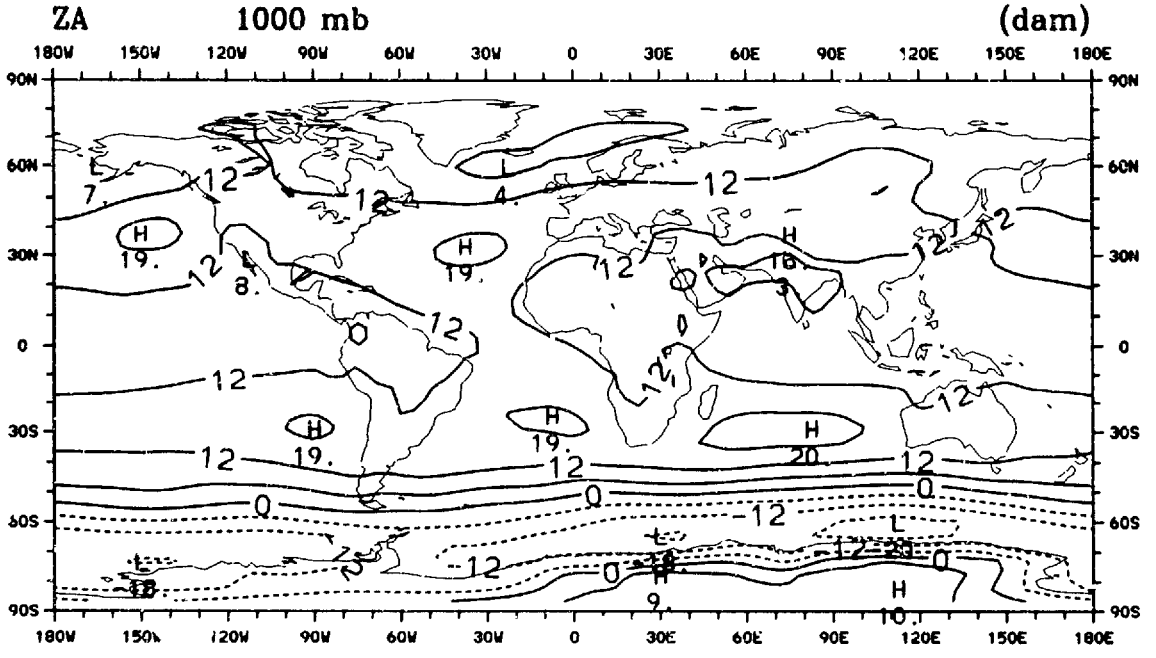

FRAME 1.20

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.21

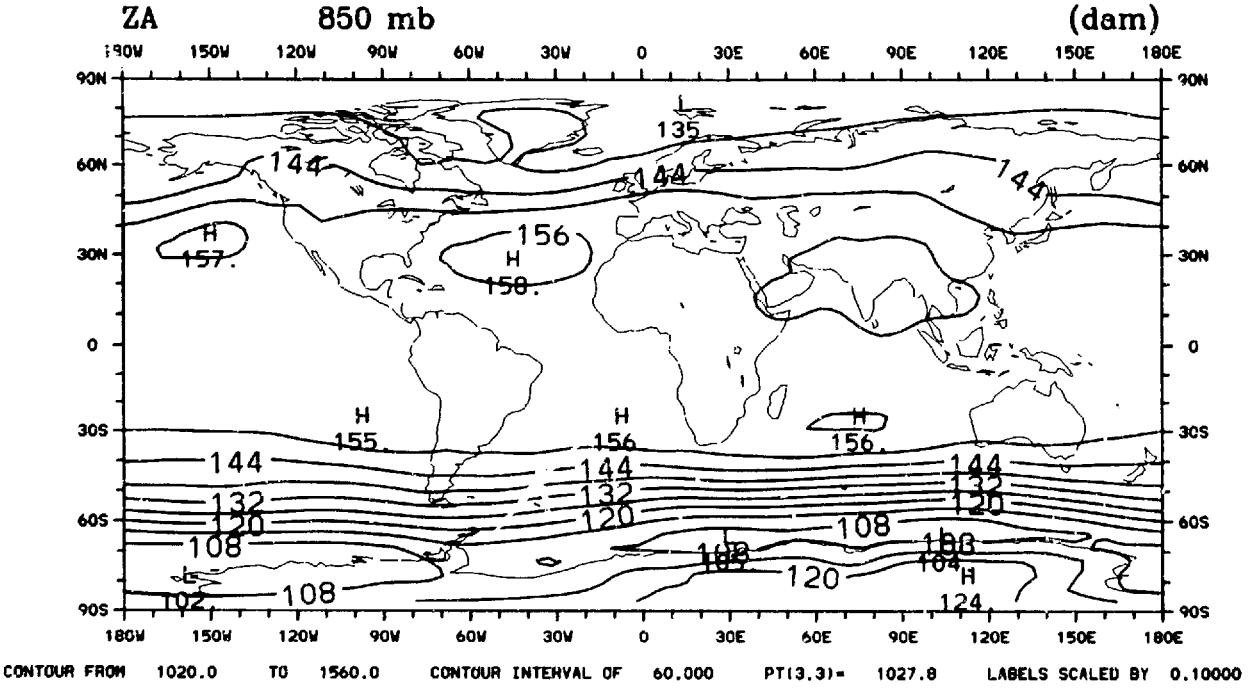
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -190.00 TO 180.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -158.34 LABELS SCALED BY 0.10000

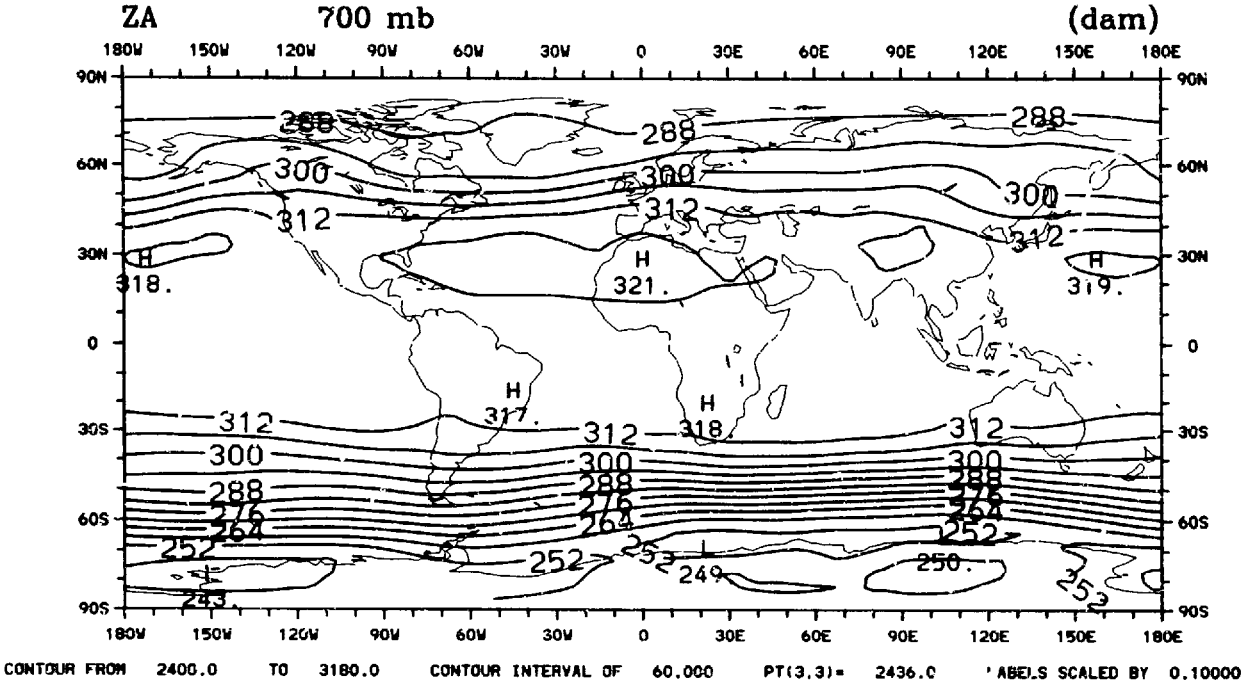
FRAME 1.22

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



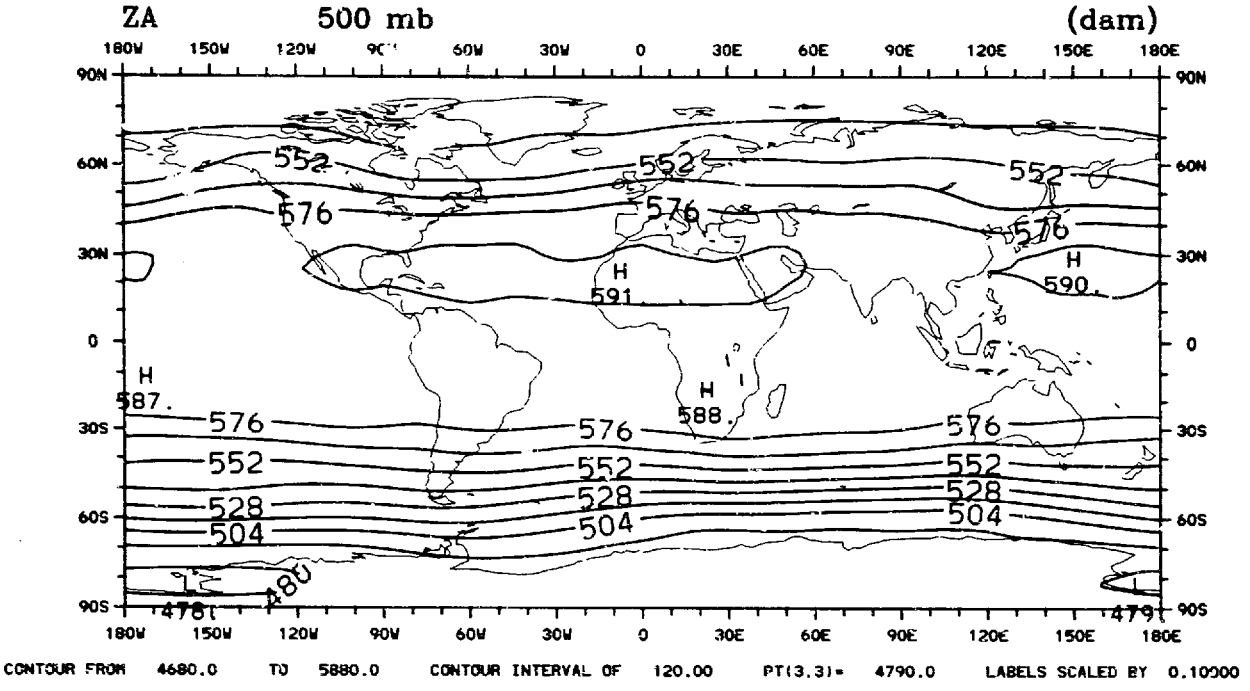

FRAME 1.23

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



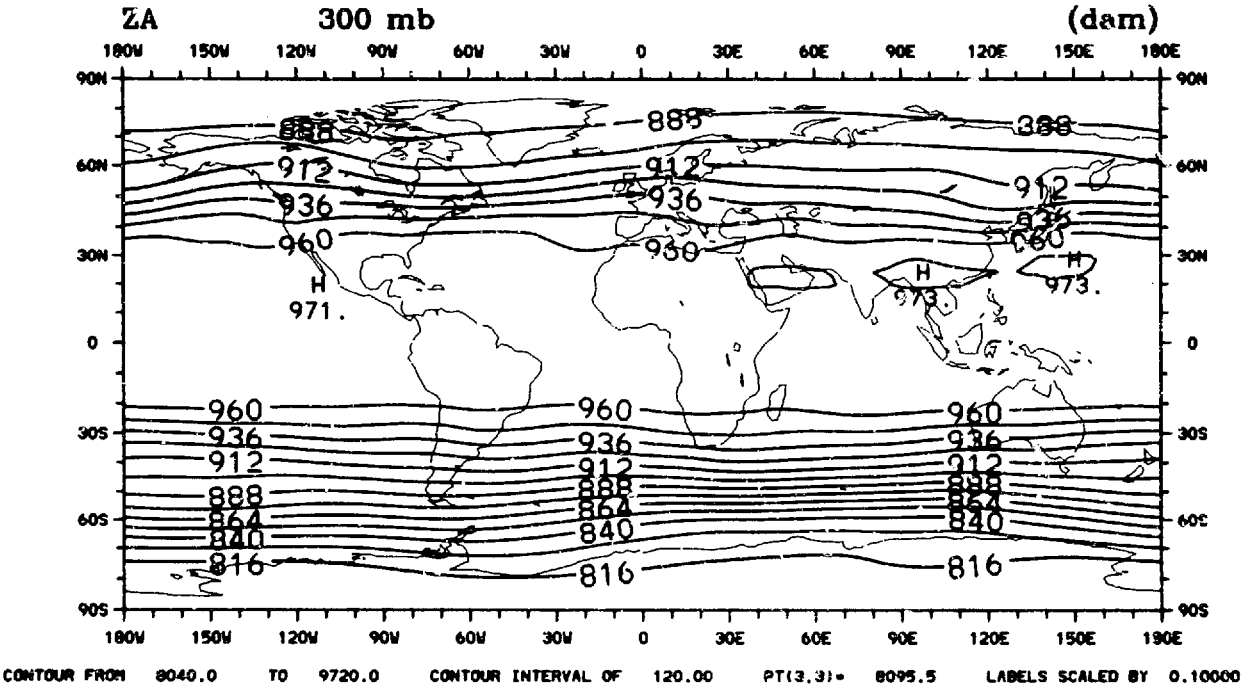

FRAME 1.24

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.25

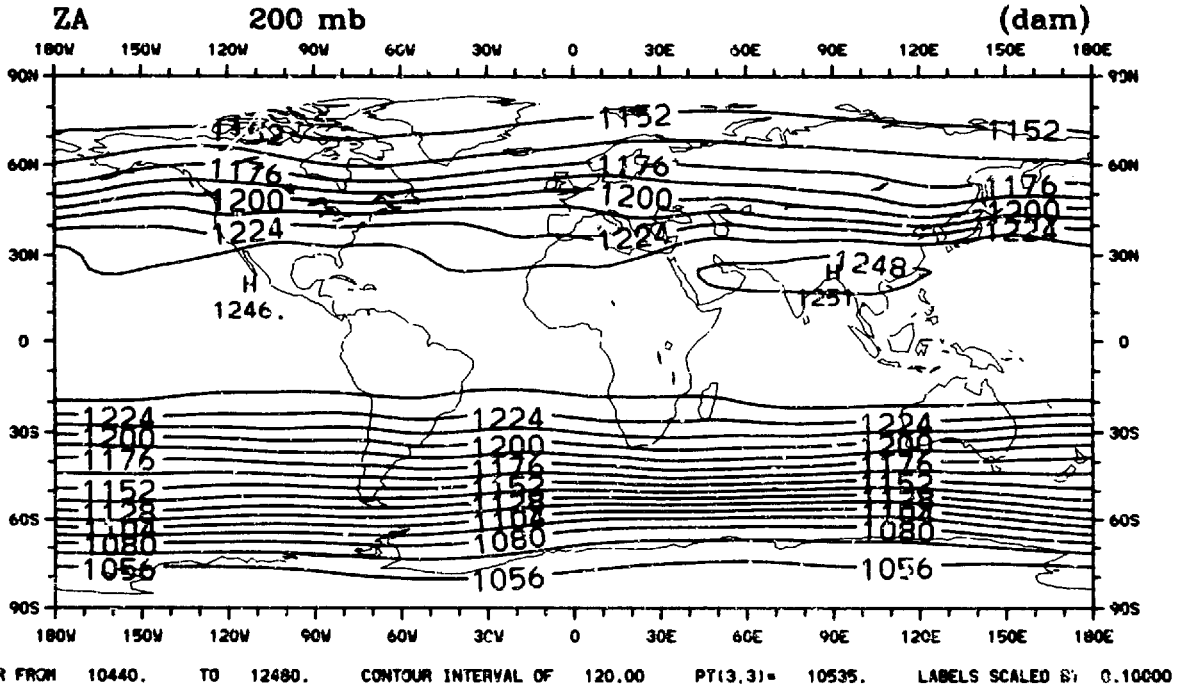
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 8040.0 TO 9720.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 8095.5 LABELS SCALED BY 0.10000

FRAME 1.26

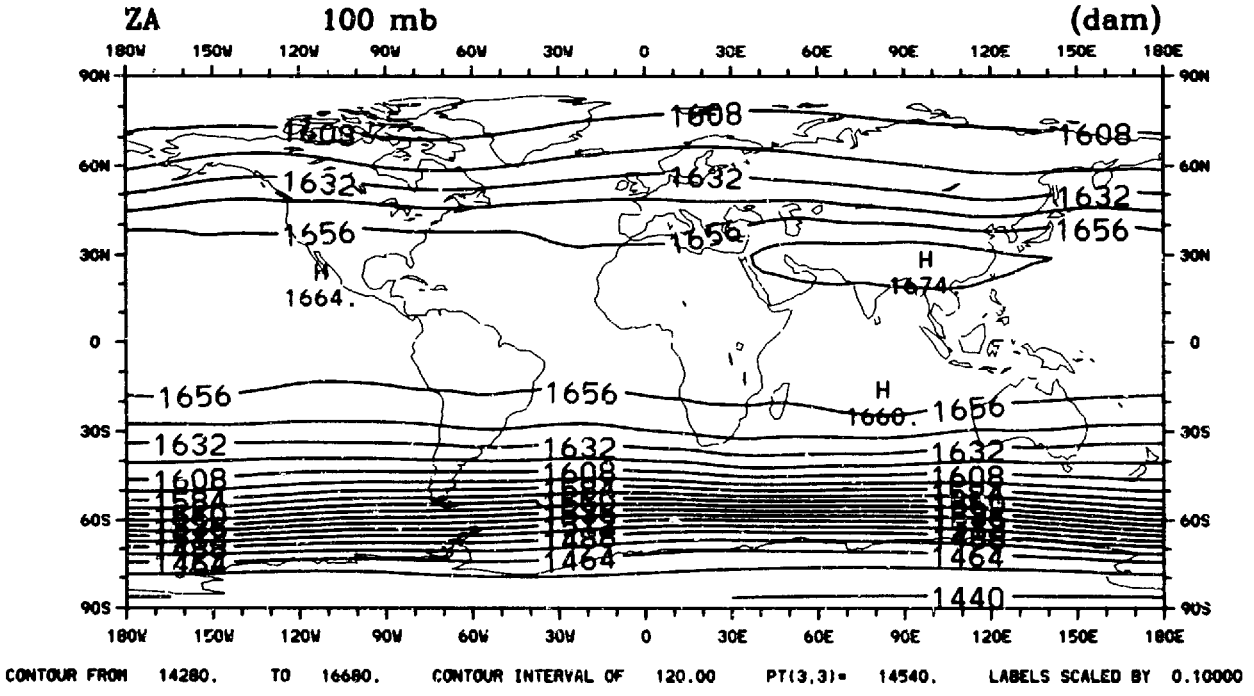
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 10440. TO 12480. CONTOUR INTERVAL OF 120.00 PT(3,3)= 10535. LABELS SCALED BY 0.10000

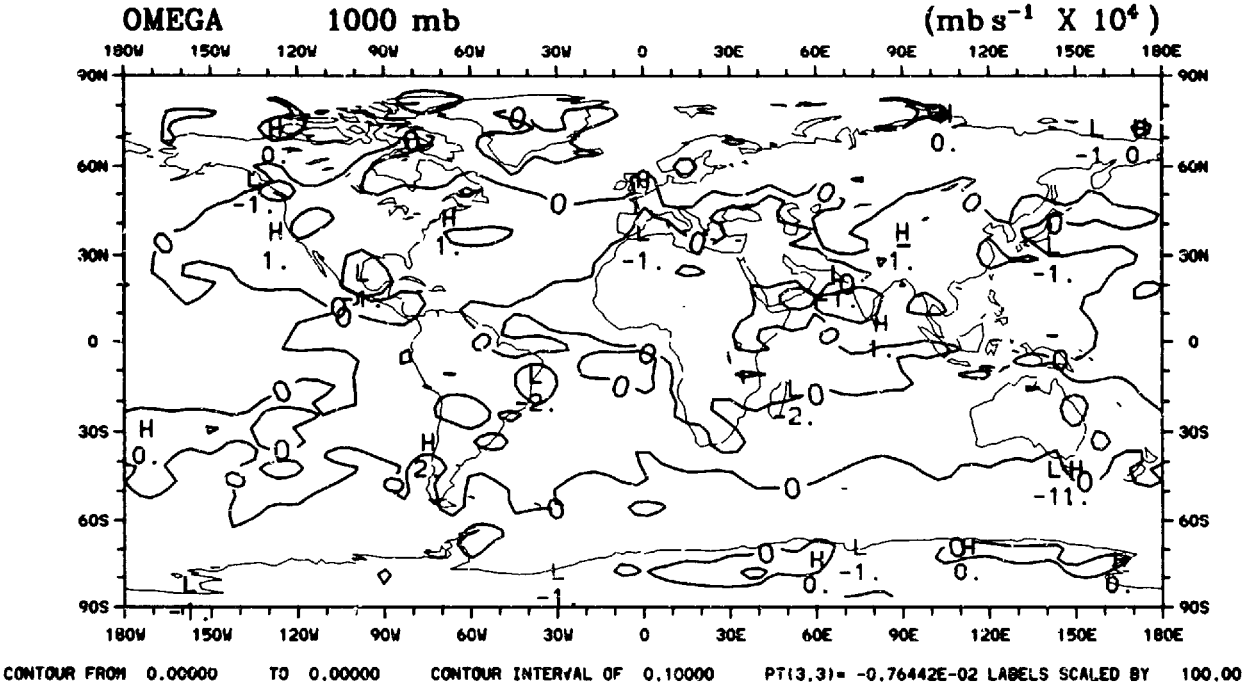
FRAME 1,27

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.28

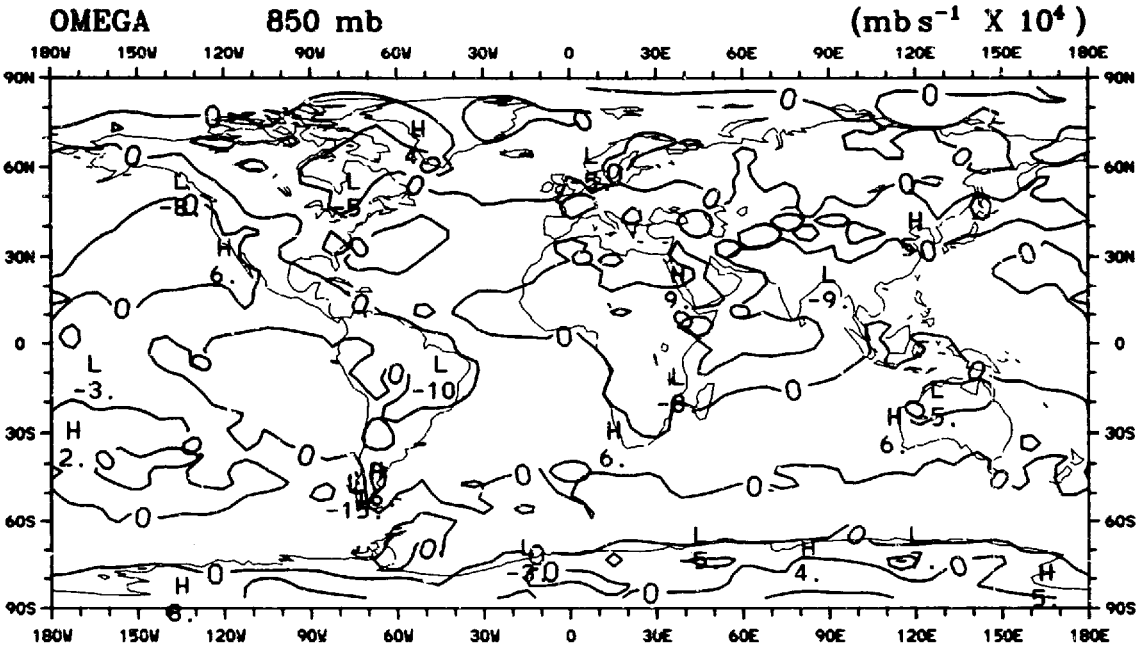
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1985)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.76442E-02 LABELS SCALED BY 100.00

FRAME 1.29

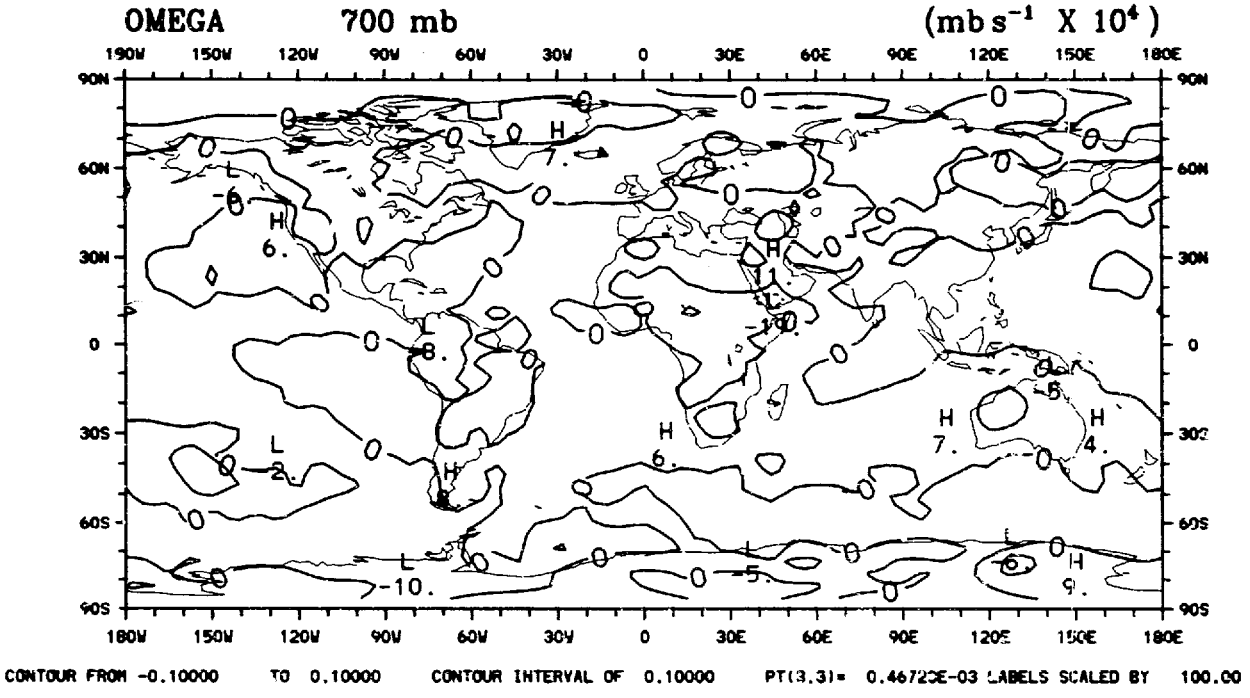
## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.46301E-02 LABELS SCALED BY 100.00

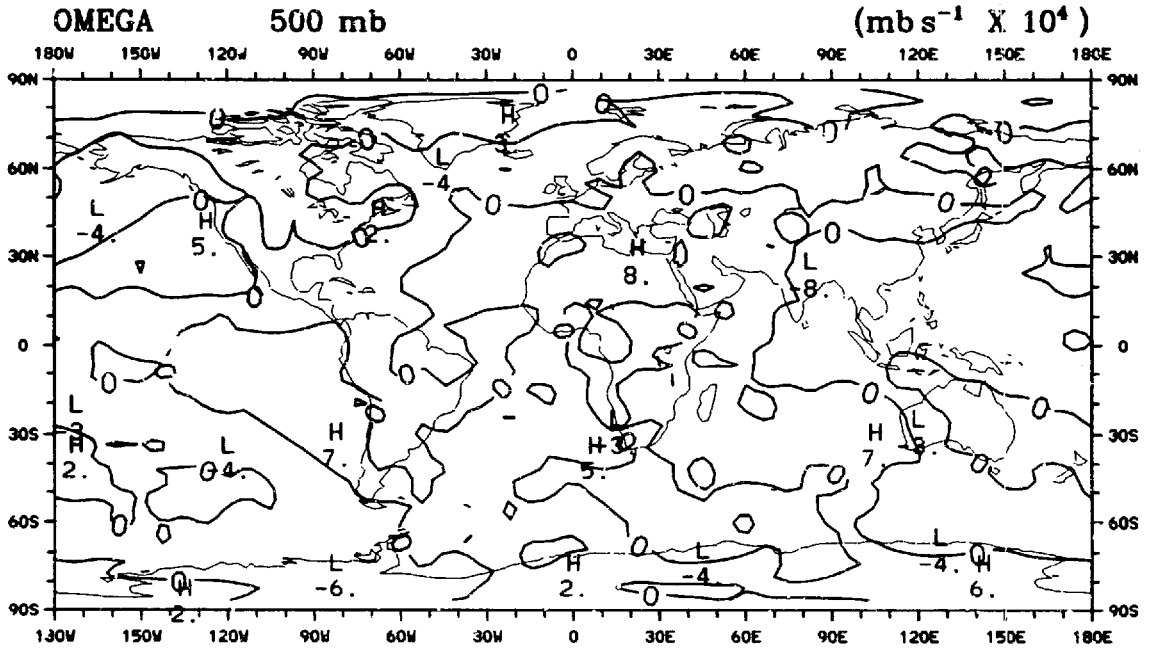
FRAME 1.30

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.31

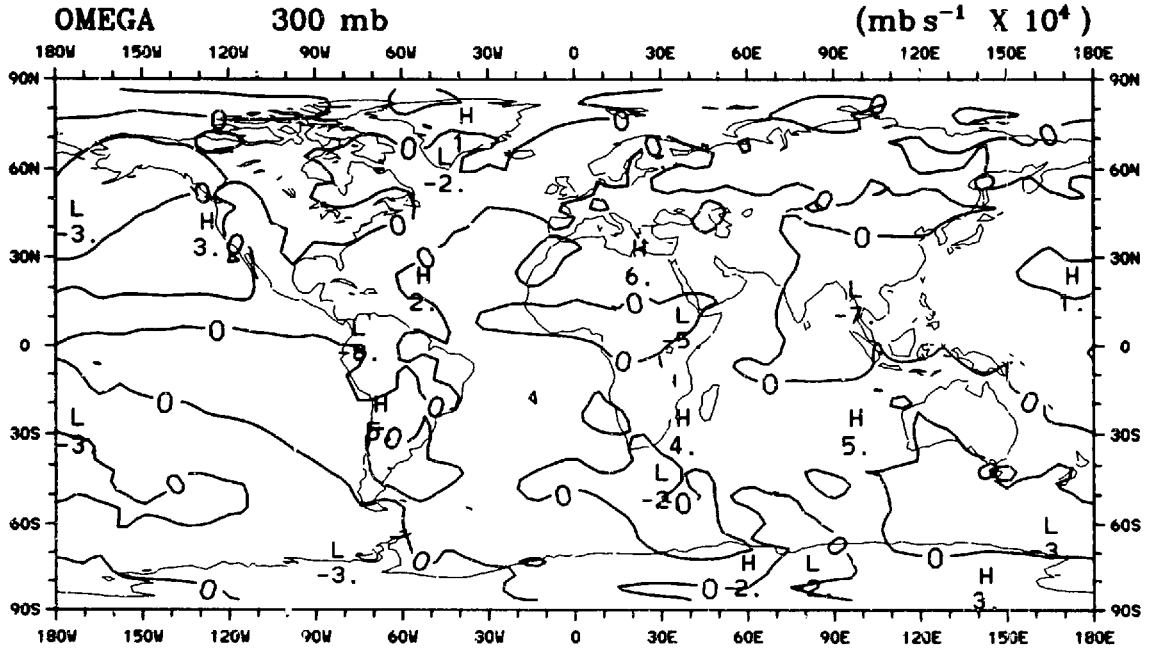
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.32173E-02 LABELS SCALED BY 100.00

FRAME 1,32

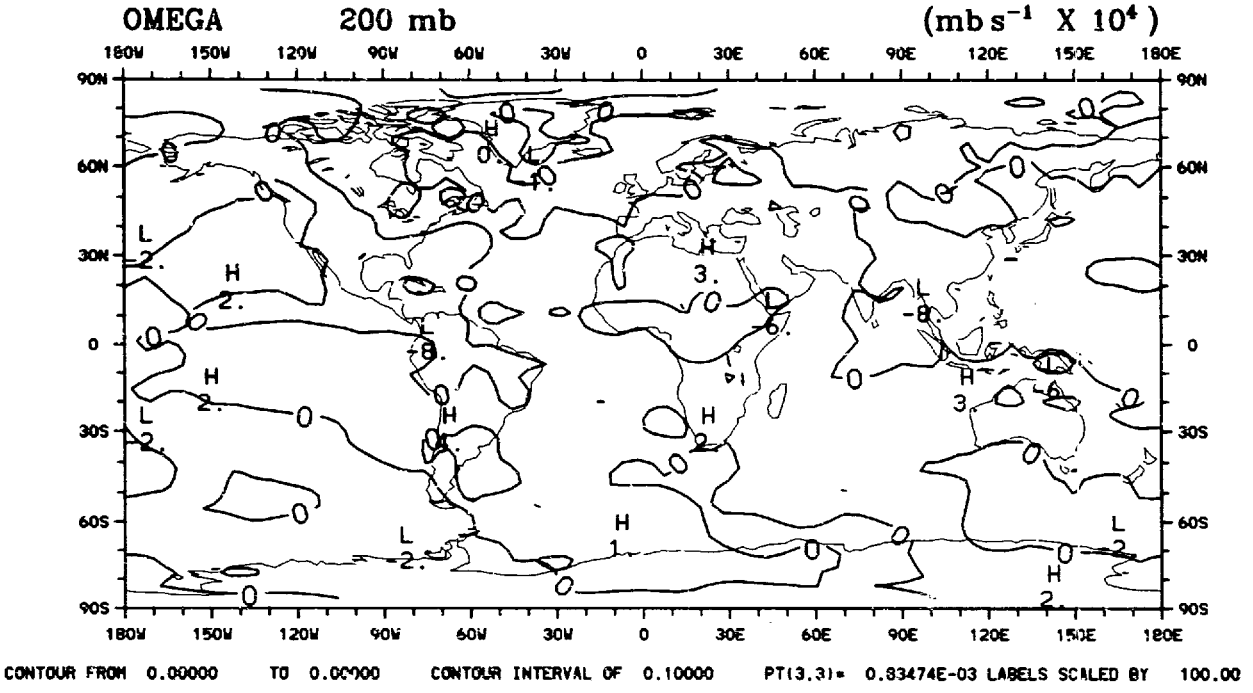
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.39938E-02 LABELS SCALED BY 100.00

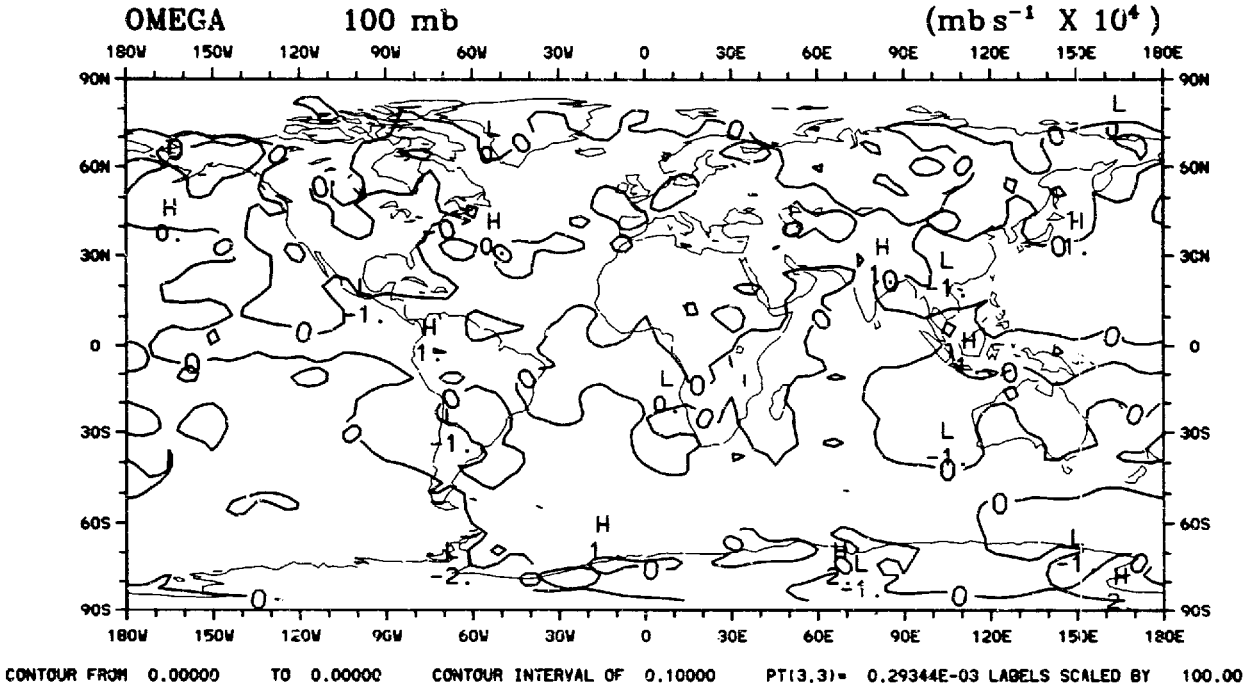
FRAME 1.33

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



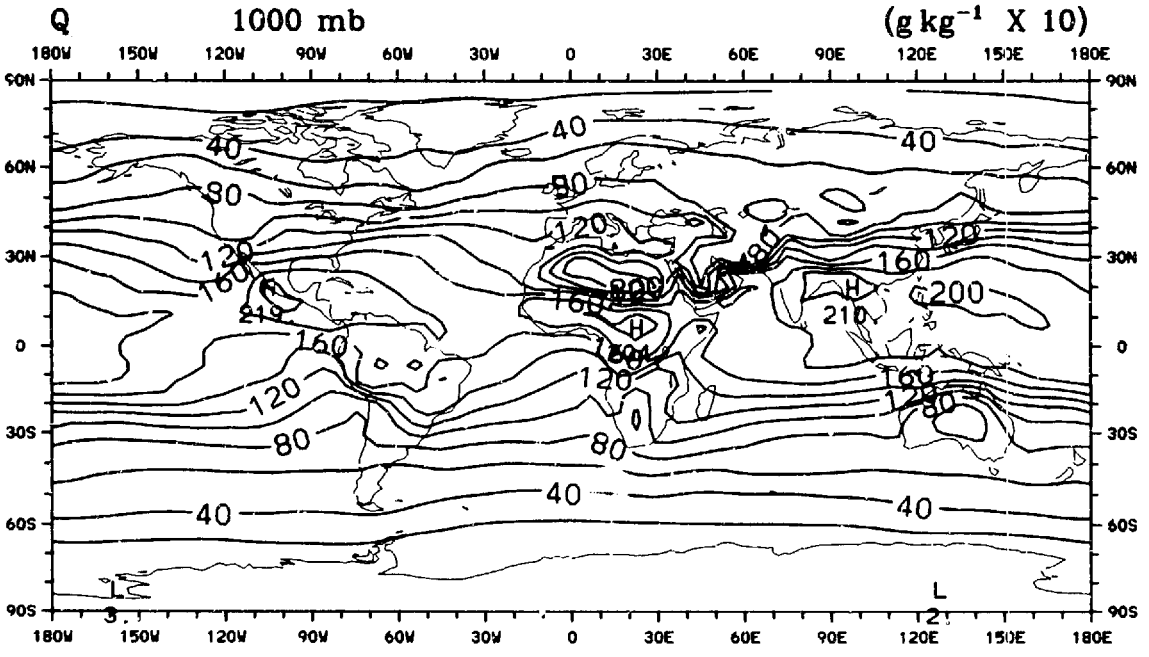

FRAME 1.34

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.35

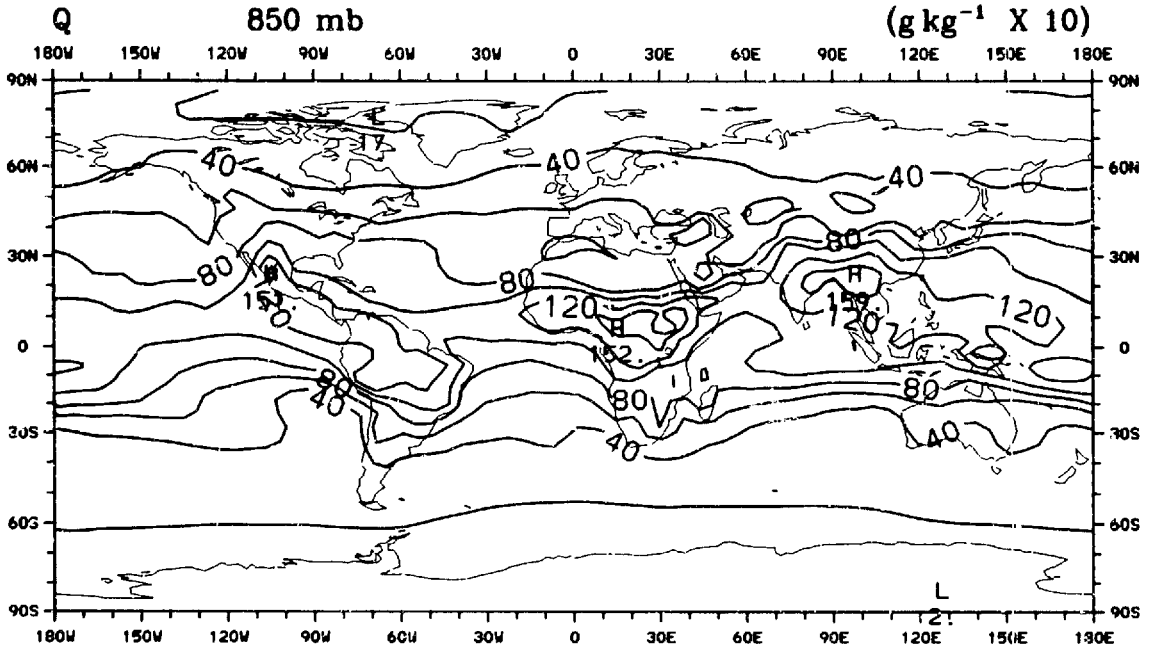
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.37050E-03 LABELS SCALED BY 10000.

FRAME 1.36

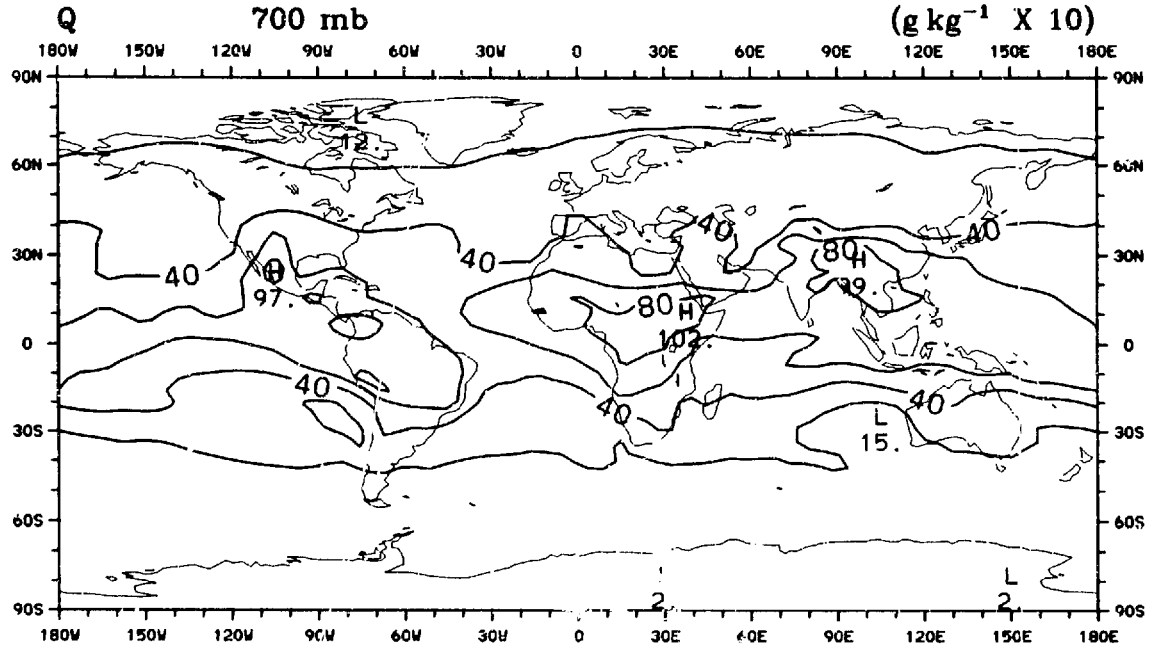
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.13000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.45633E-03 LABELS SCALED BY 10000.

FRAME 1.37

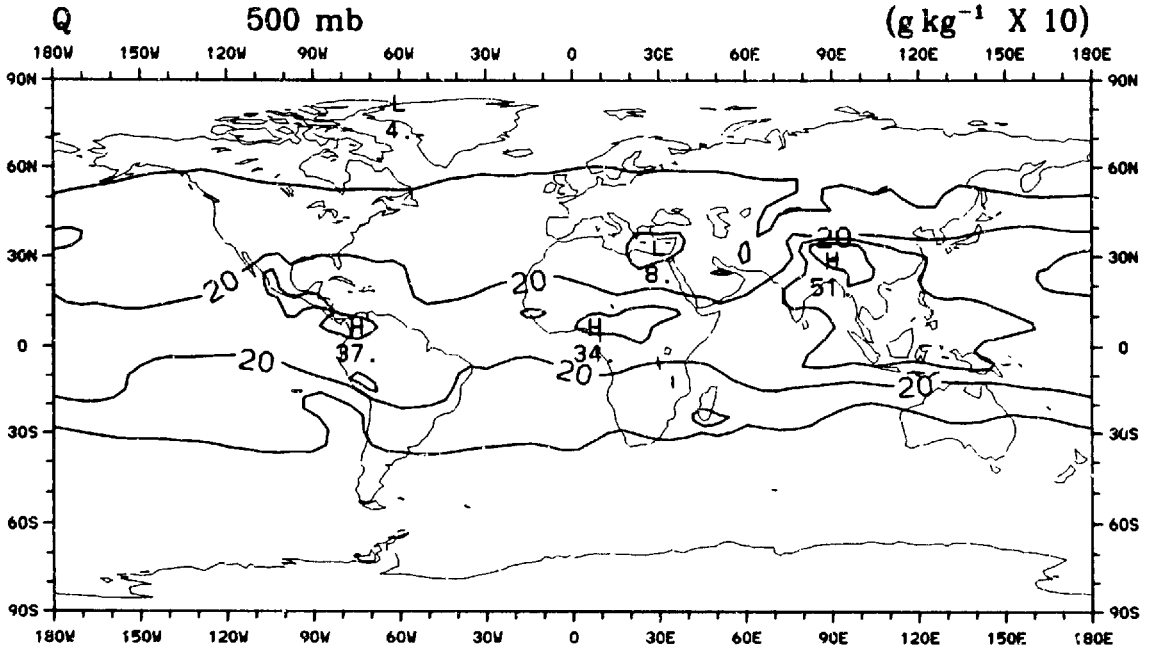
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.34579E-03 LABELS SCALED BY 10000.

FRAME 1.30

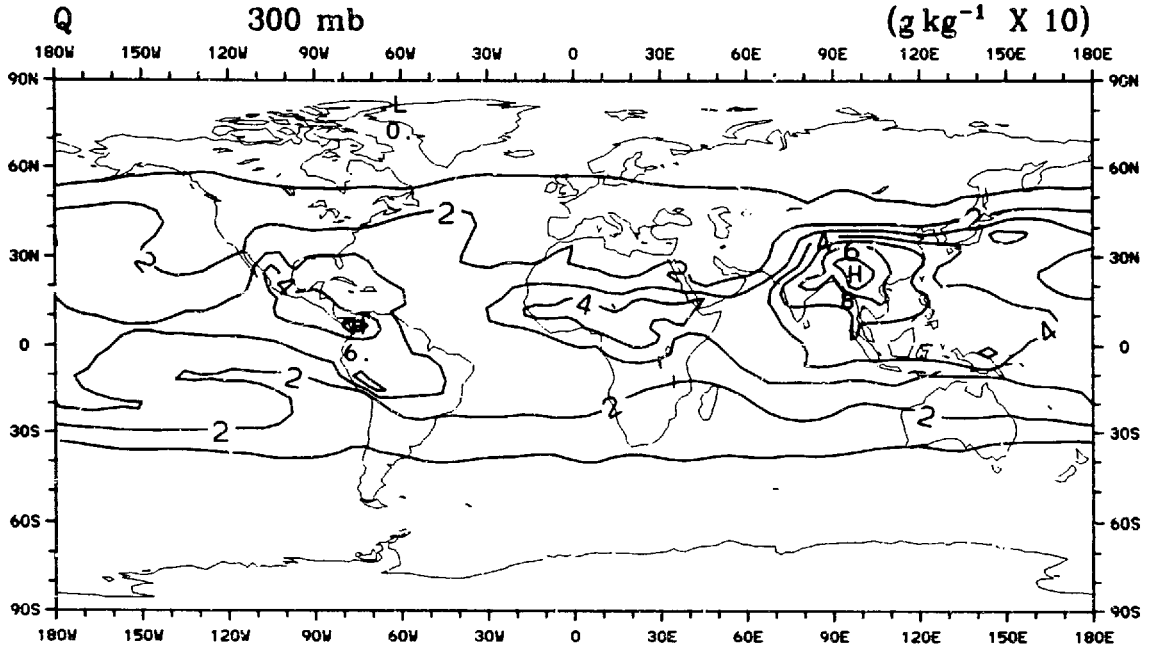
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.12409E-03 LABELS SCALED BY 10000.

FRAME 1.39

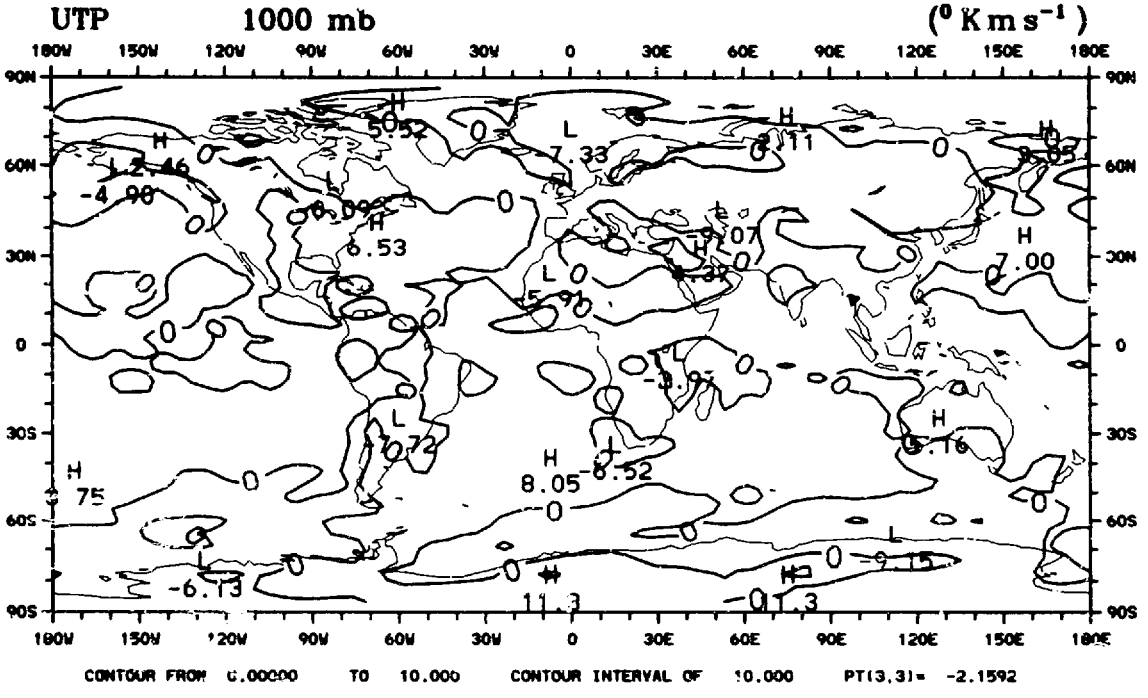
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.70000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.13193E-04 LABELS SCALED BY 10000.

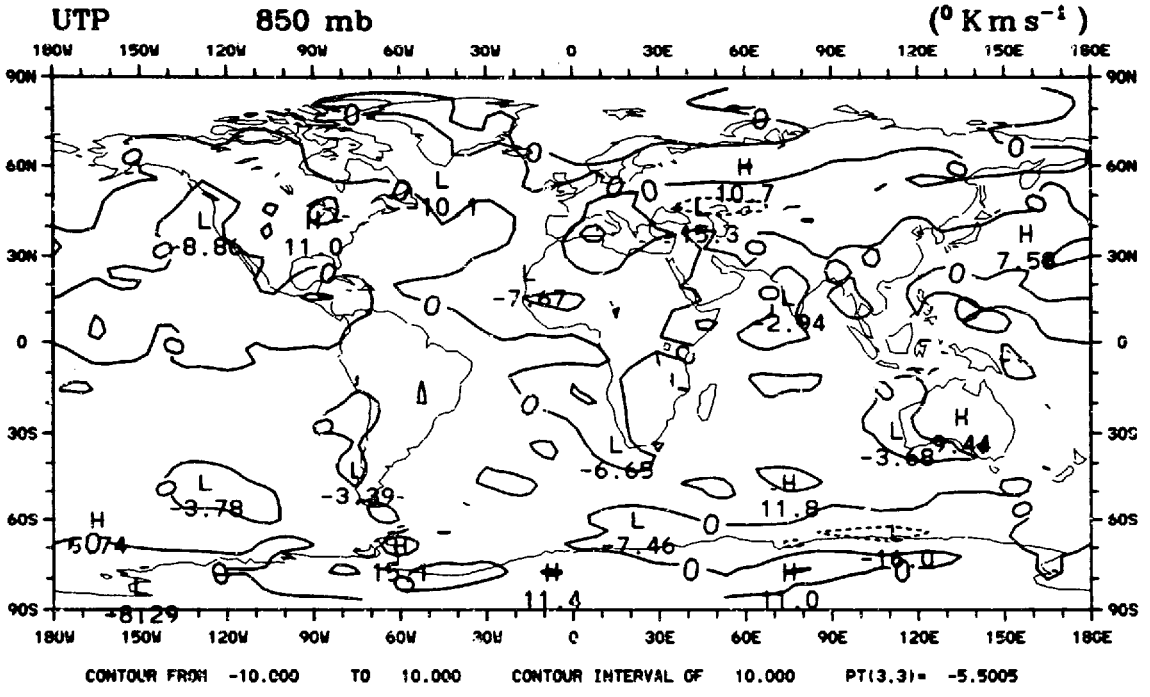
FRAME 1.40

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



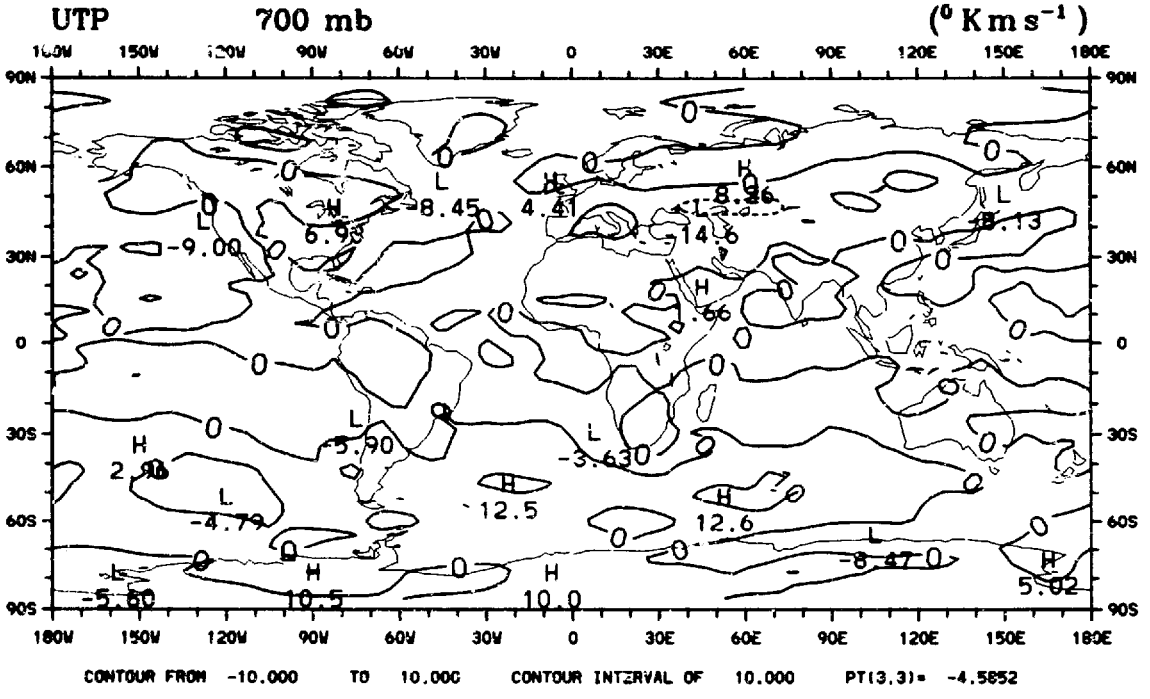

FRAME 1.41

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



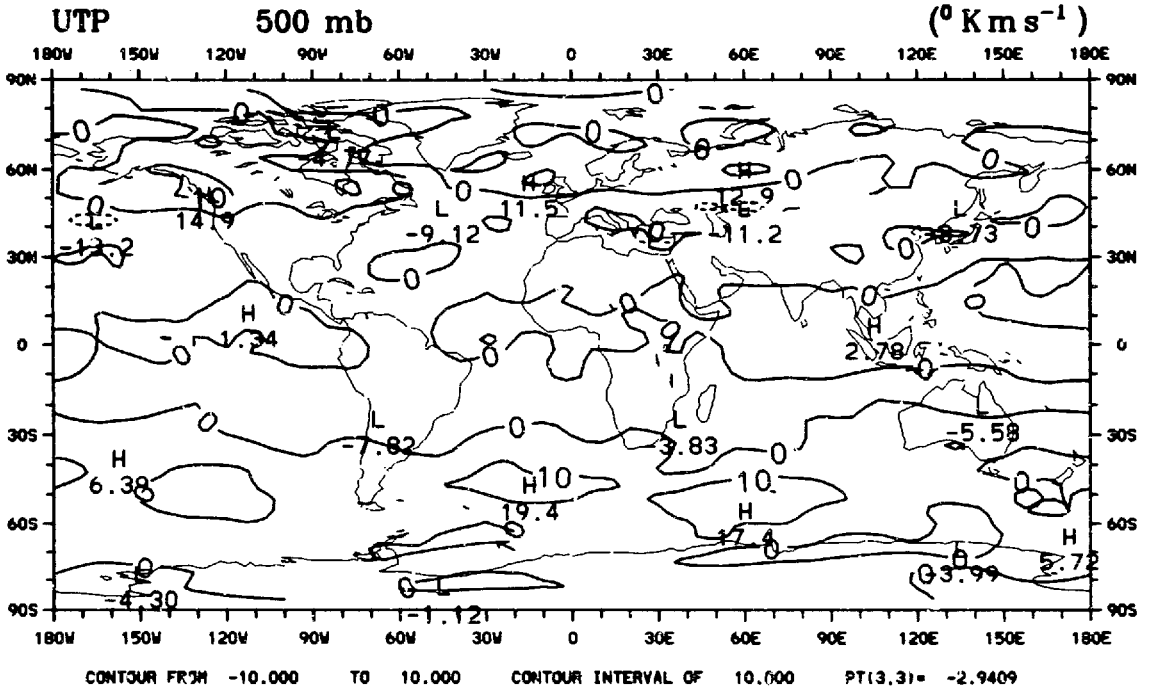

FRAME 1.42

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



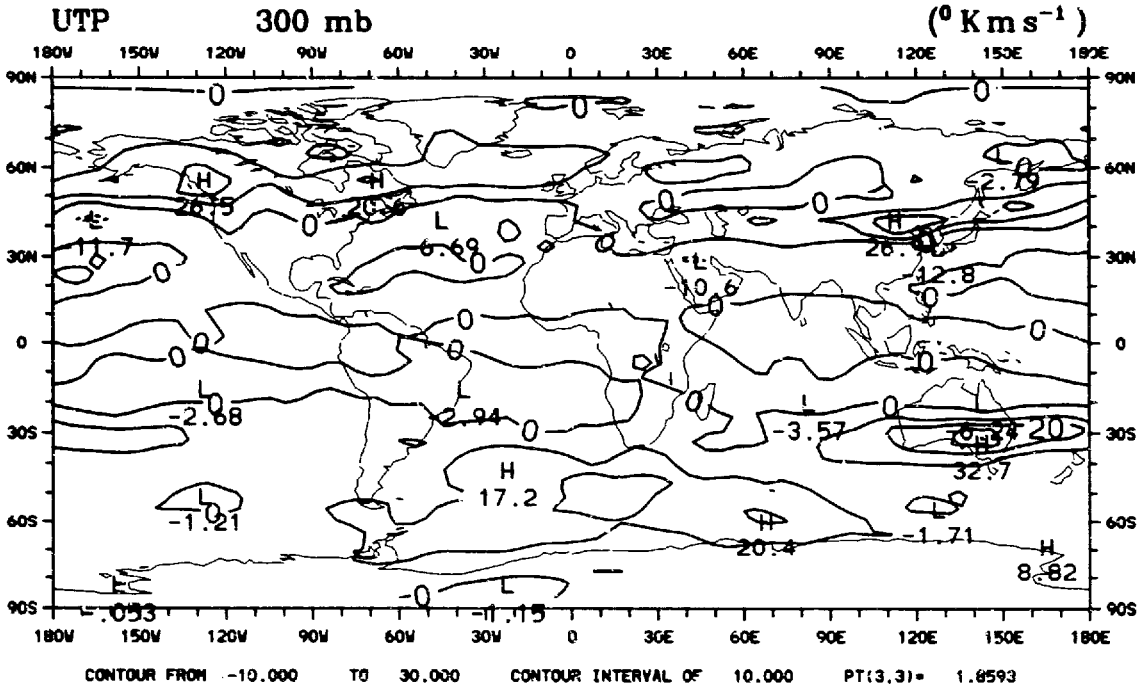

FRAME 1.43

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



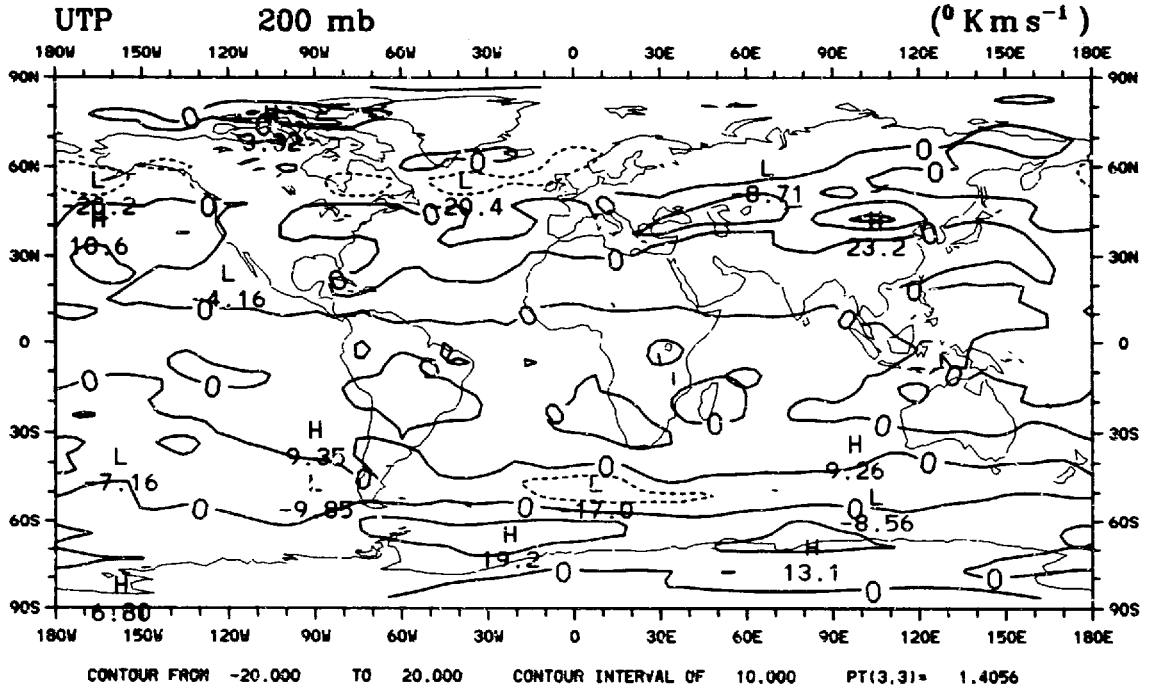

FRAME 1.44

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



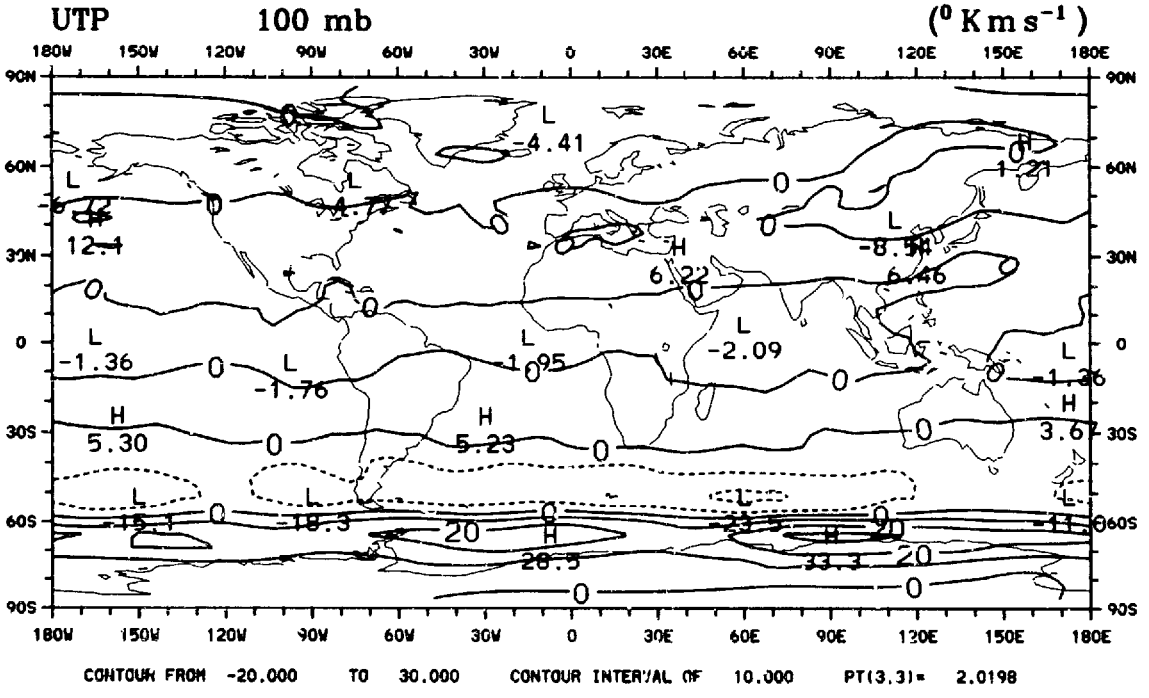

FRAME 1.45

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



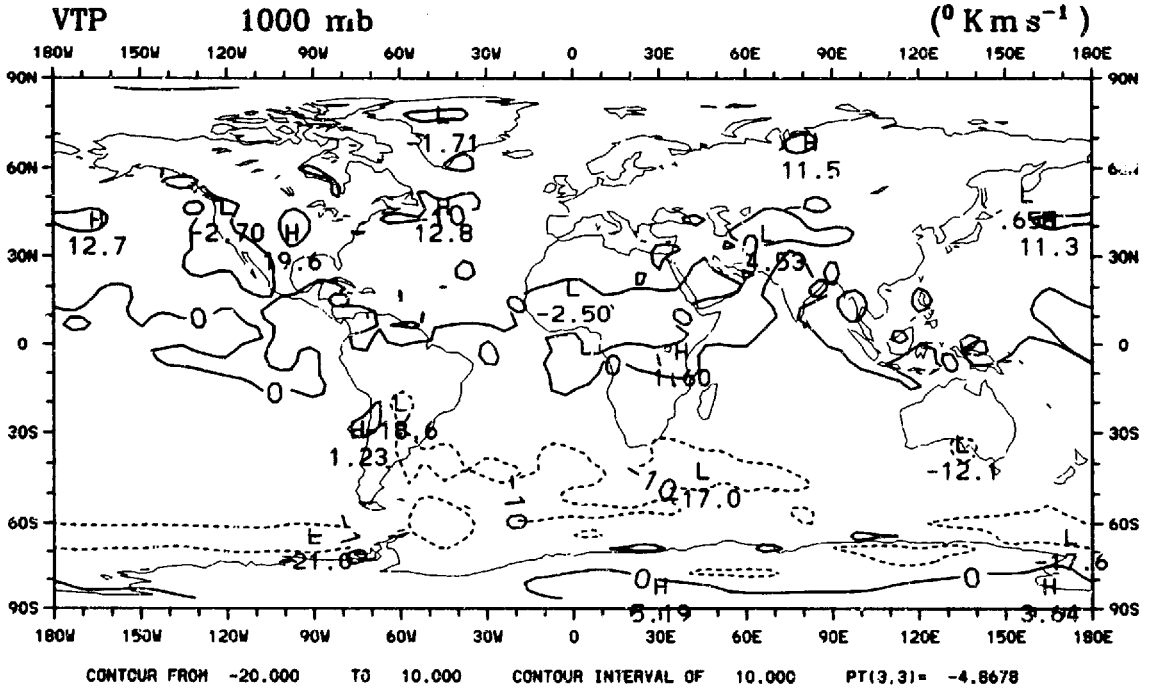

FRAME 1.46

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



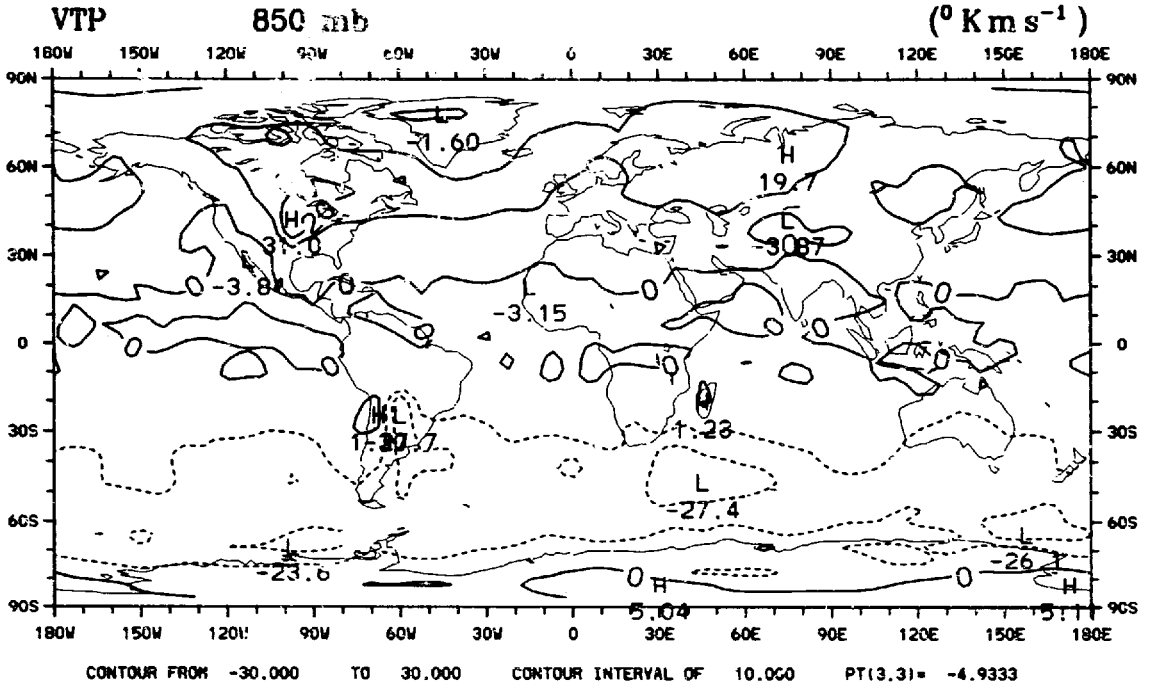

FRAME 1.47

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

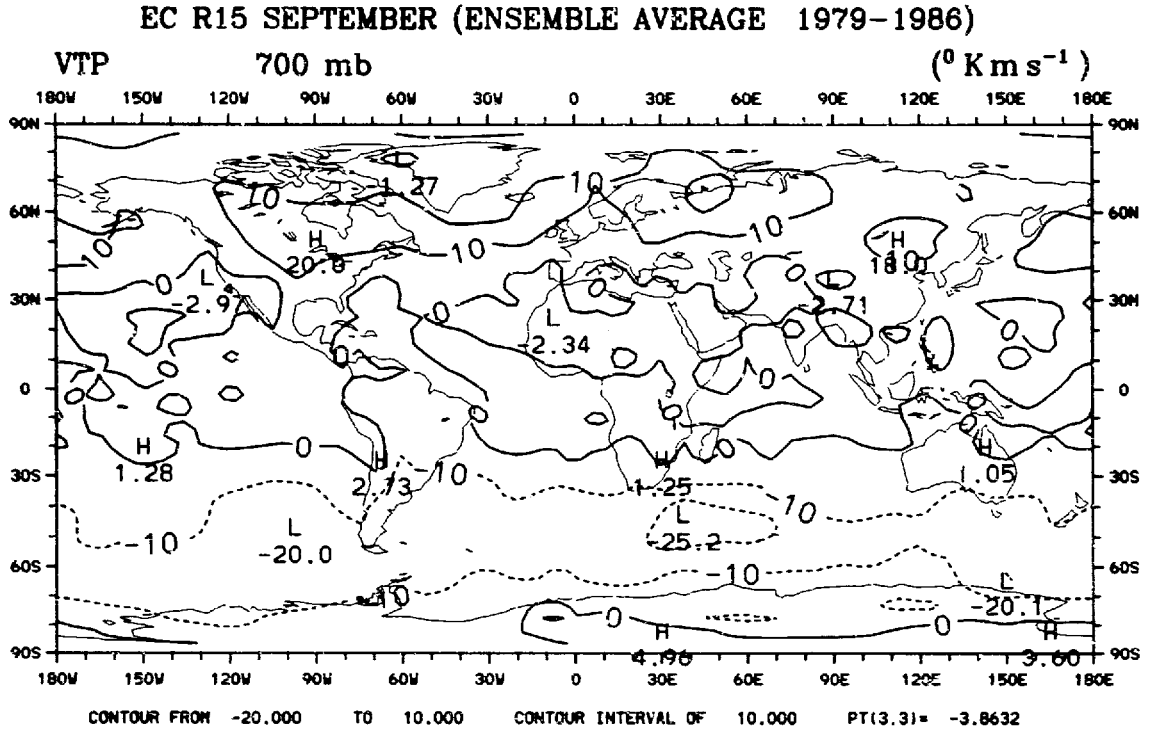



FRAME 1.4P

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

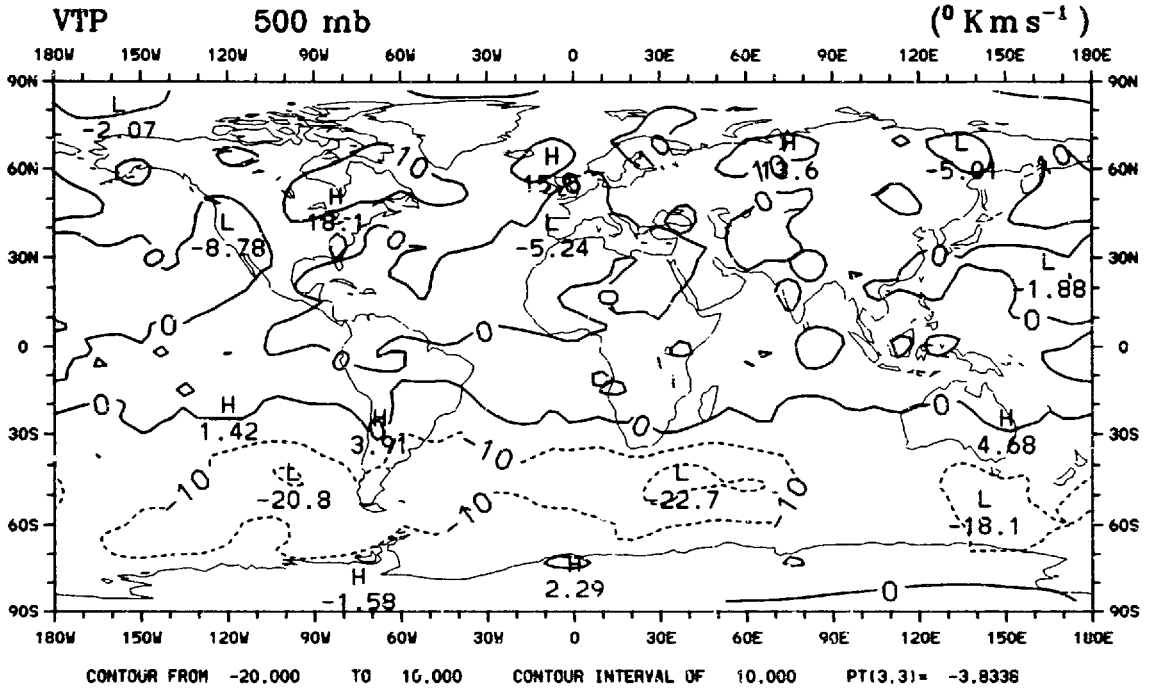



FRAME 1.49


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
VTP
700 mb
($^0$ K m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -20.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -3.8632

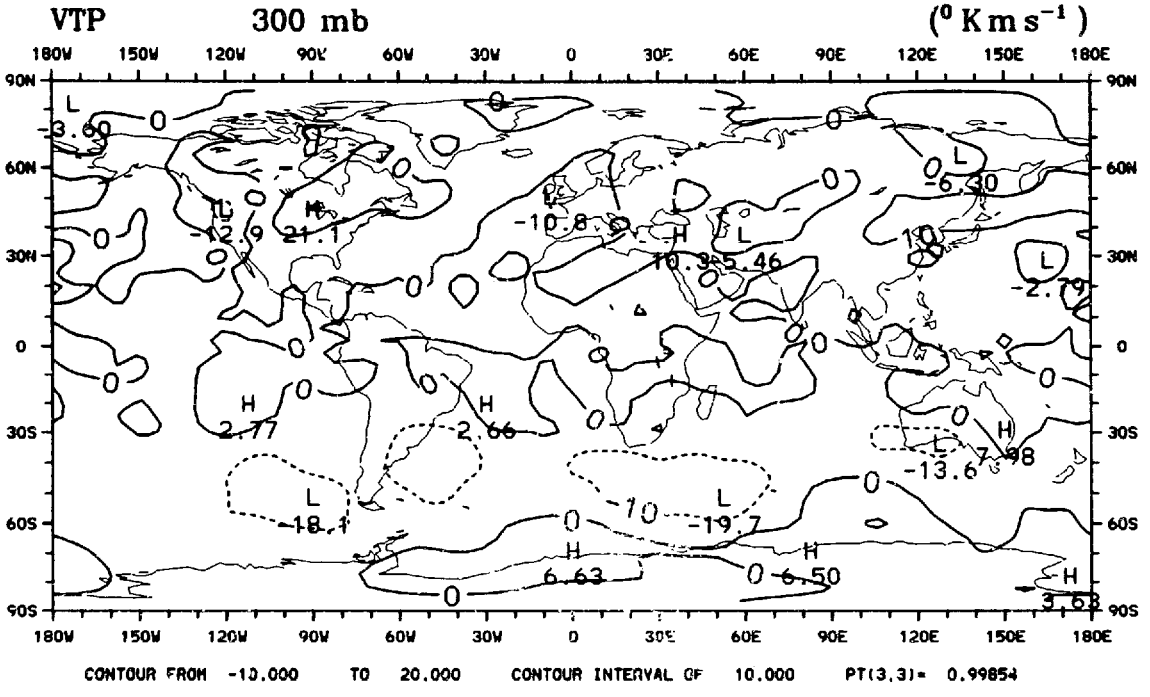
FRAME 1.50

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



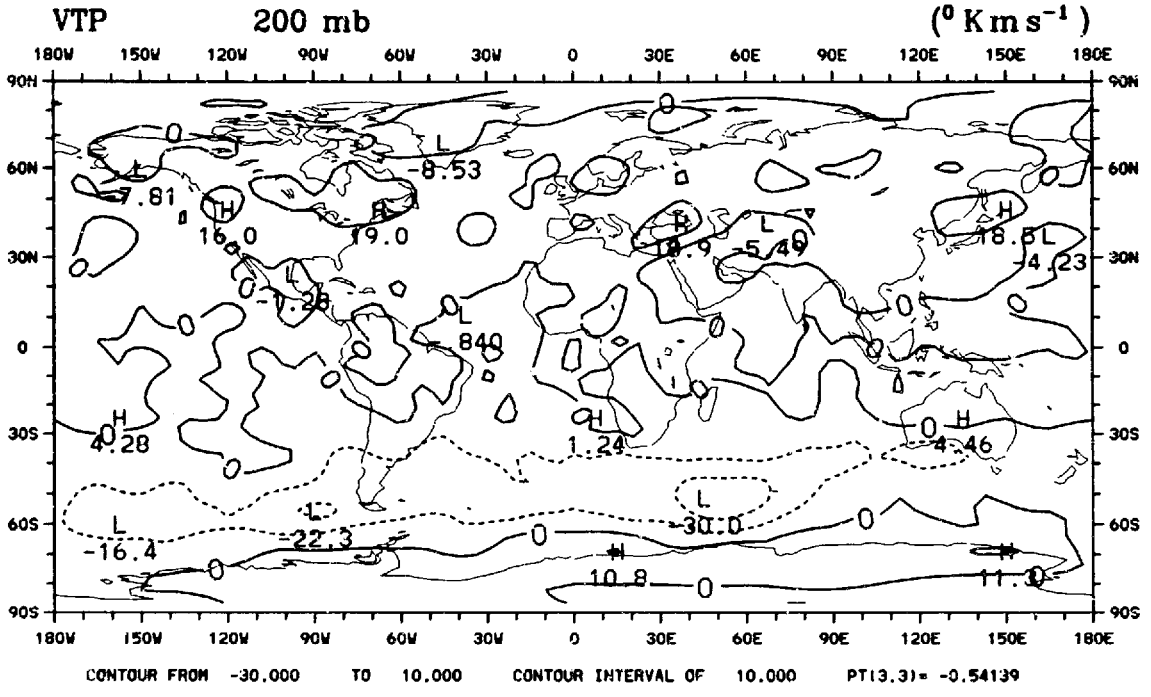

FRAME 1.51

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



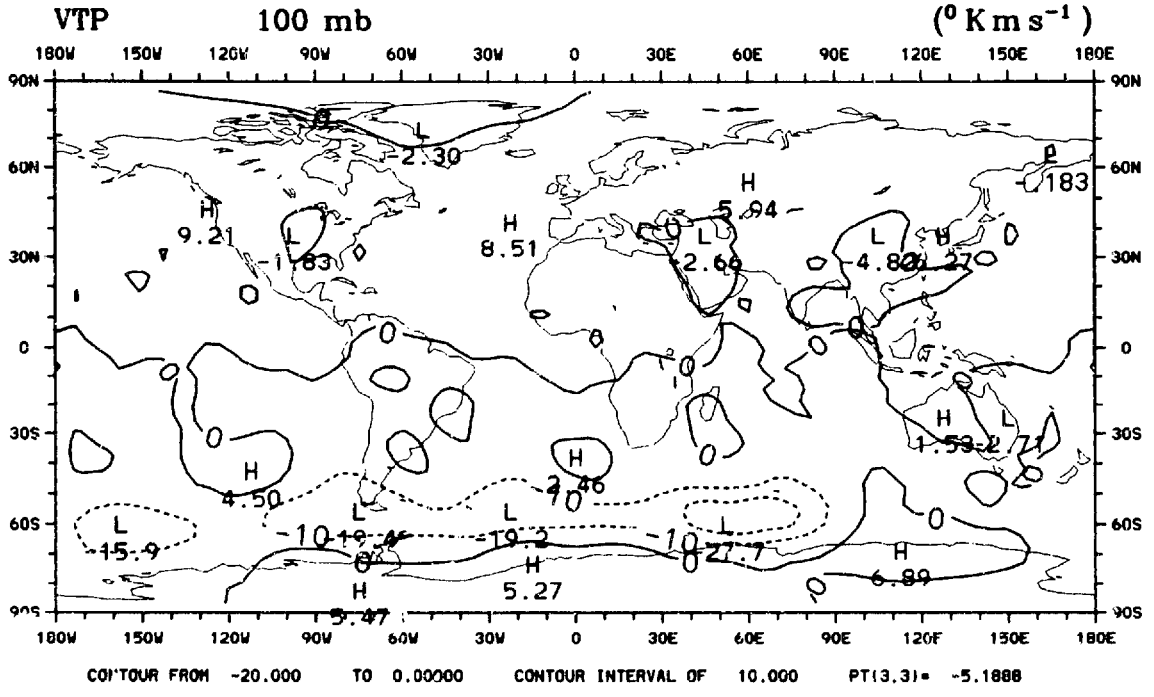

FRAME 1.52

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



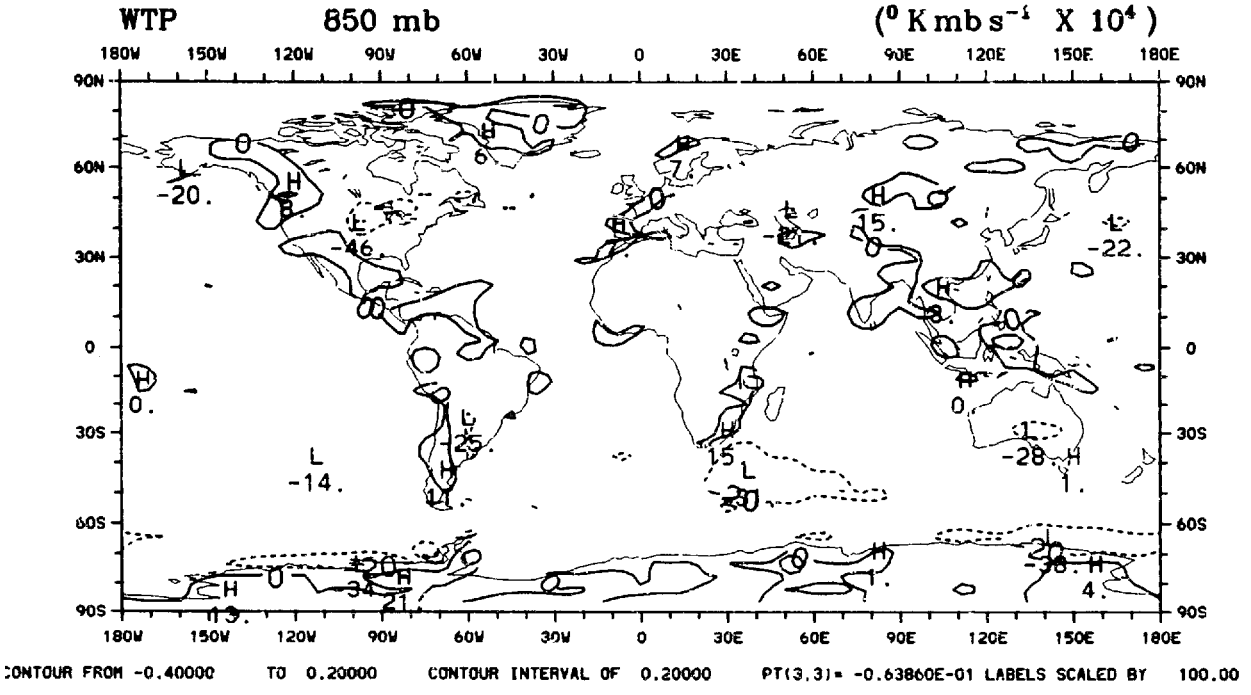

FRAME 1.53

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

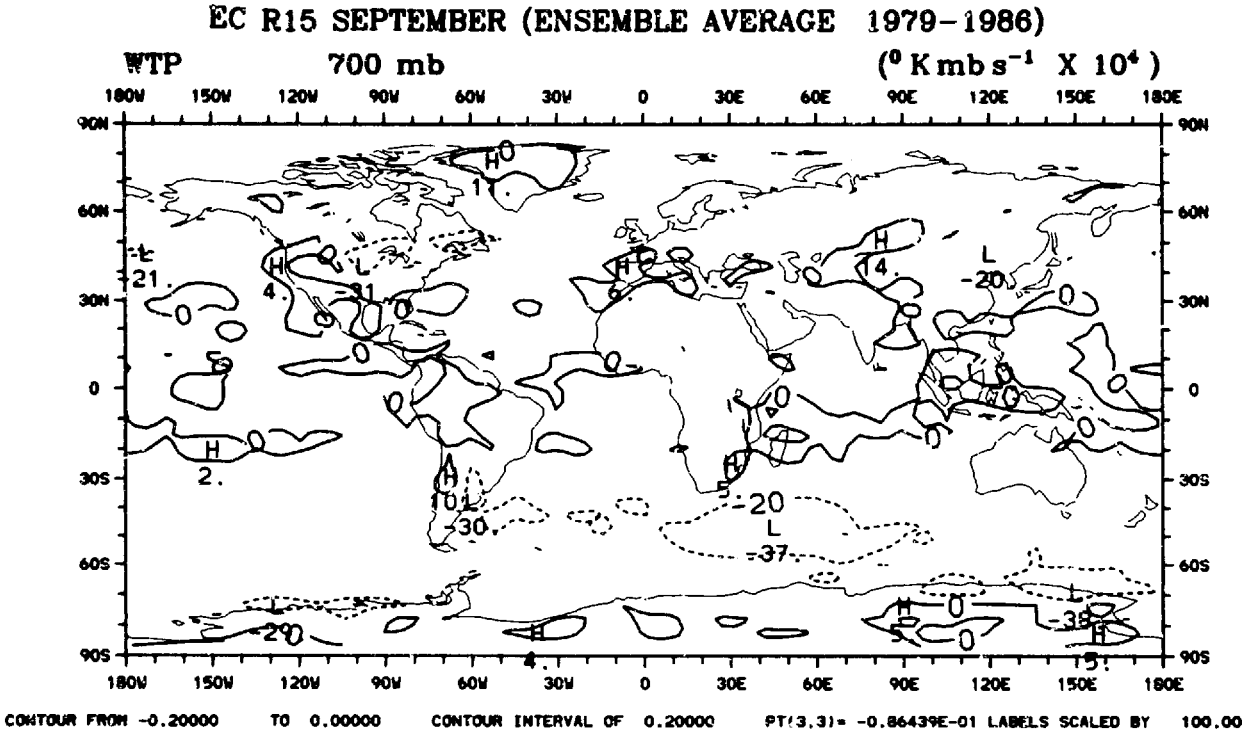



FRAME 1.54

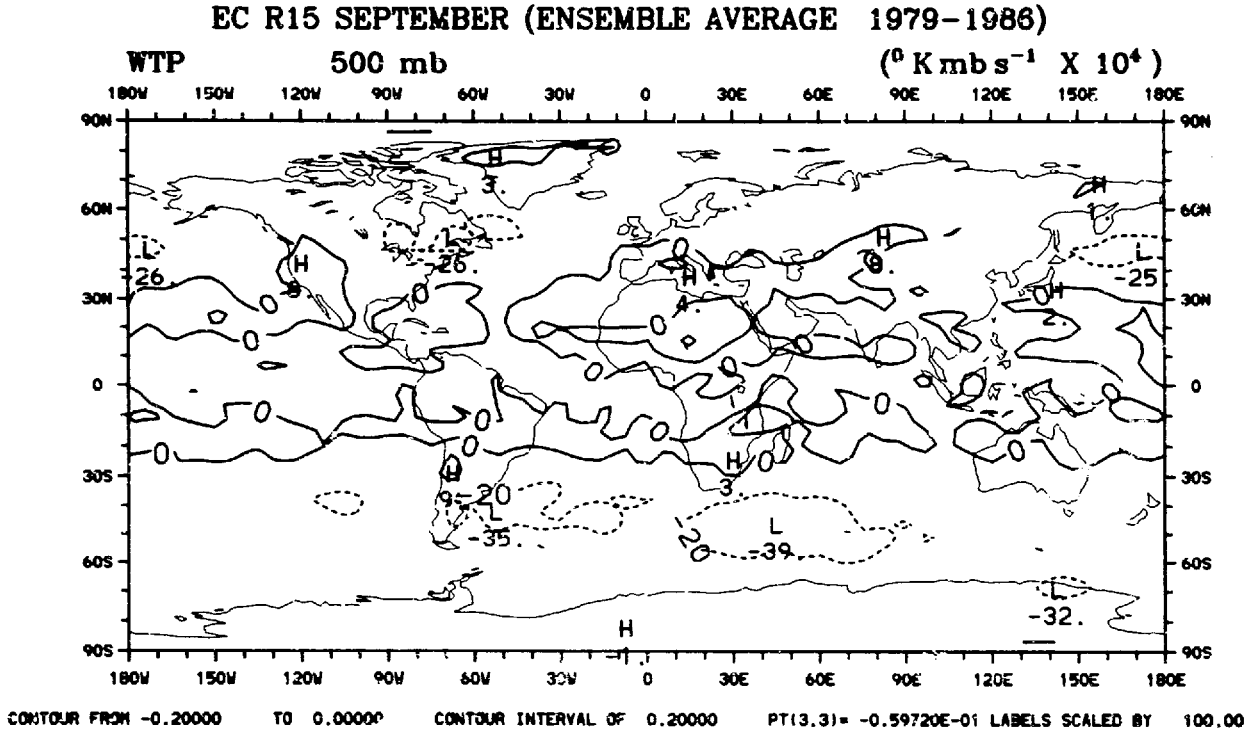
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.55

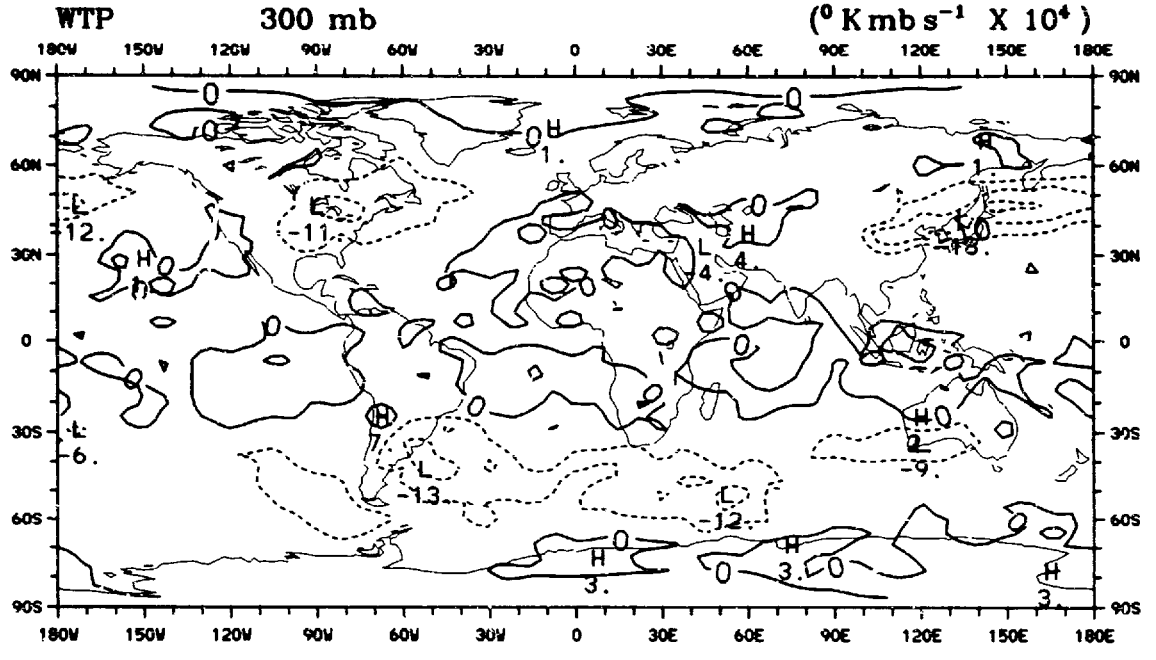

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
WTP
700 mb
(°K mb s⁻¹ X 10⁴)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.86439E-01 LABELS SCALED BY 100.00

FRAME 1.56


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
WTP
500 mb
($^0$K mb s$^{-1}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.59720E-01 LABELS SCALED BY 100.00

FRAME 1.57

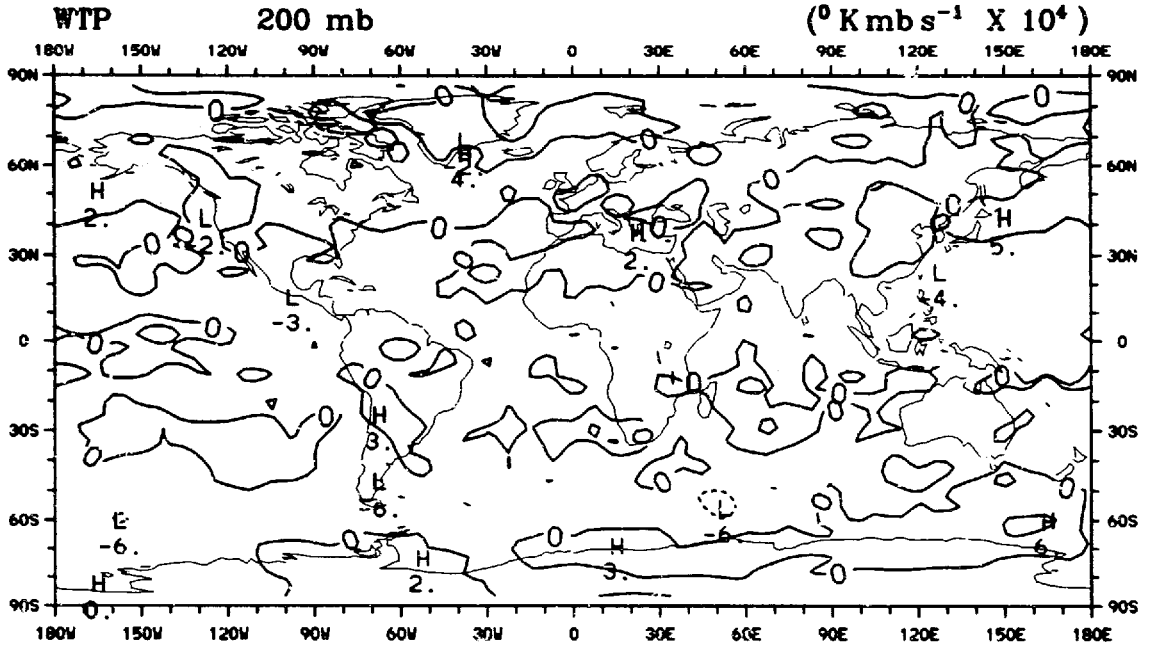
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.39812E-02 LABELS SCALED BY 100.00

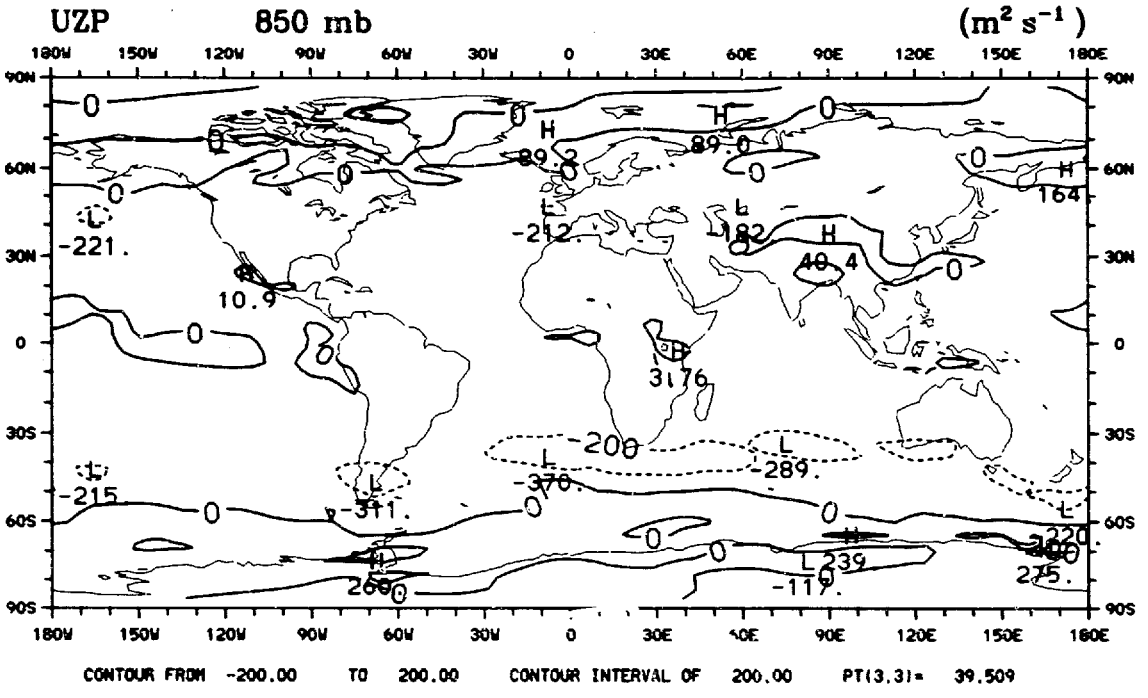
FRAME 1.58

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



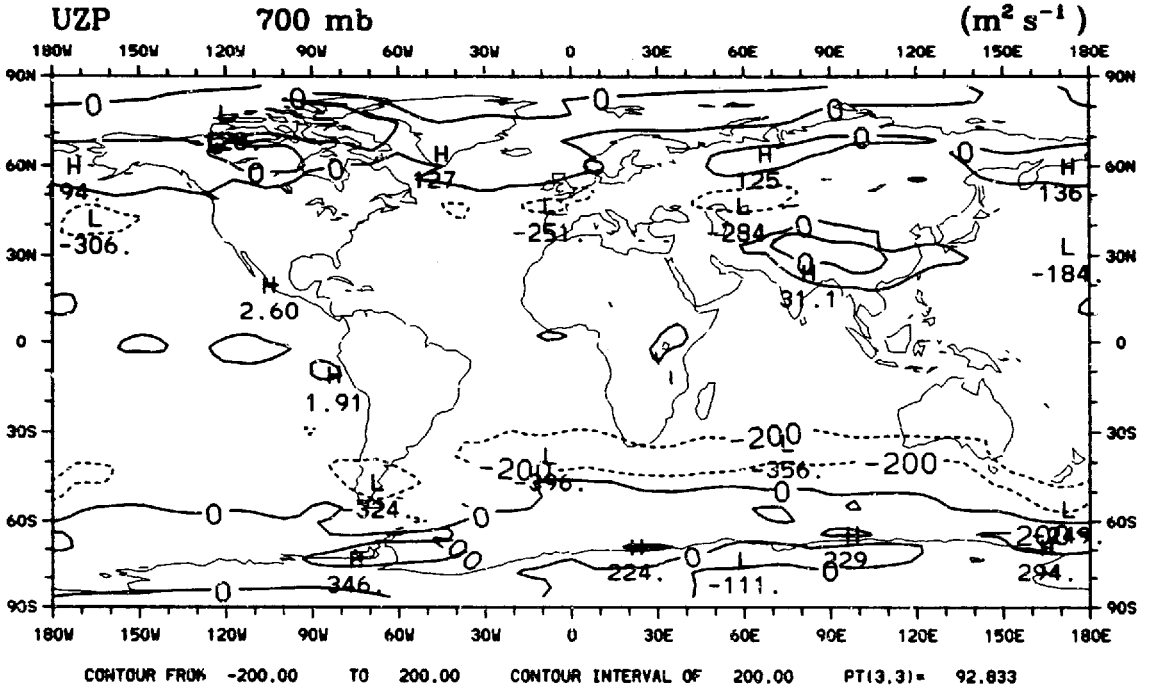

CONTOUR FROM -0.50000E-01 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.71985E-02 LABELS SCALED BY 100.00

FRAME 1.59

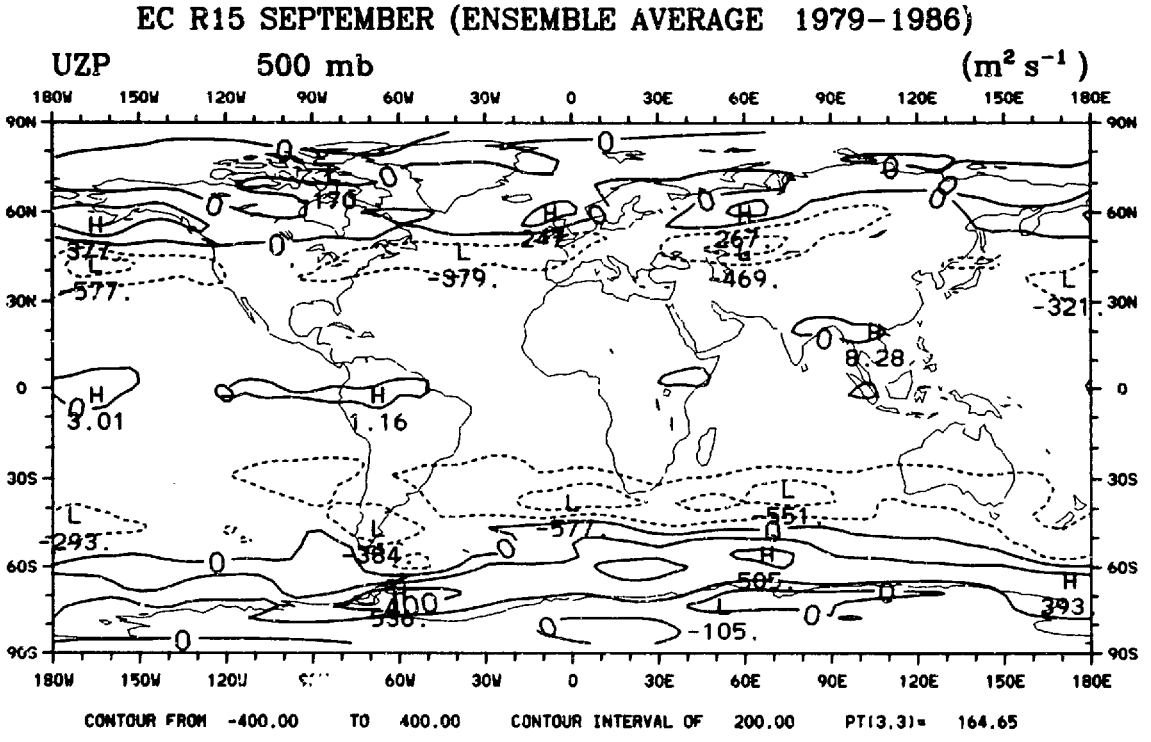

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
UZP
850 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
-221.
10.9
89.2
89.0
-212.
182
40.4
164
3176
-200
-289.
-370.
-215
-311.
-117.
239
275.
CONTOUR FROM -200.00 TO 200.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 39.509

FRAME 1.60

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

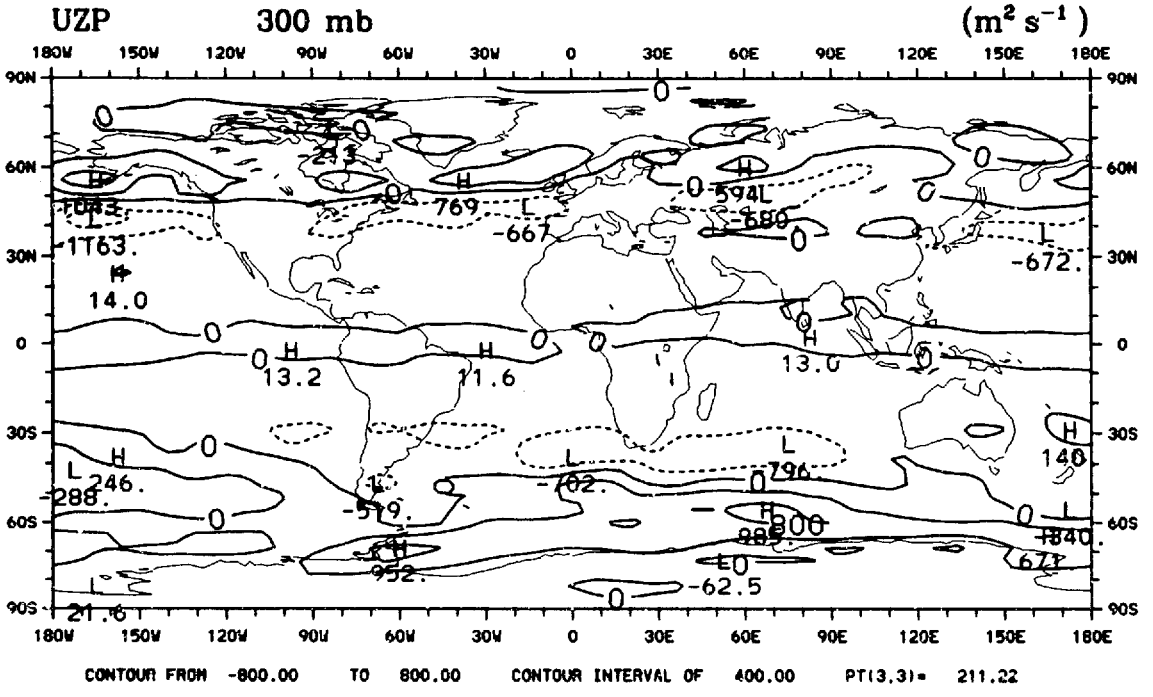



FRAME 1.61


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
UZP
500 mb
(m² s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
-577.
-379.
-469.
-321.
3.01
1.16
8.28
-293.
-384.
-571.
551.
505.
393.
-105.
CONTOUR FROM -400.00 TO 400.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 164.65

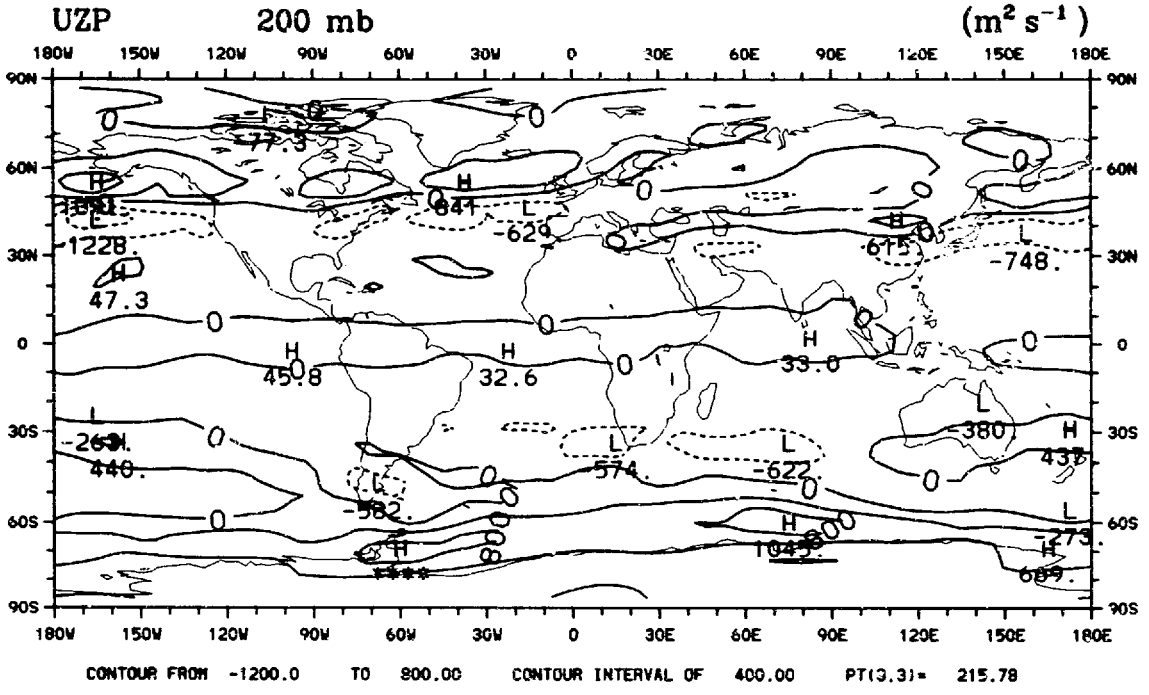
FRAME 1,62

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



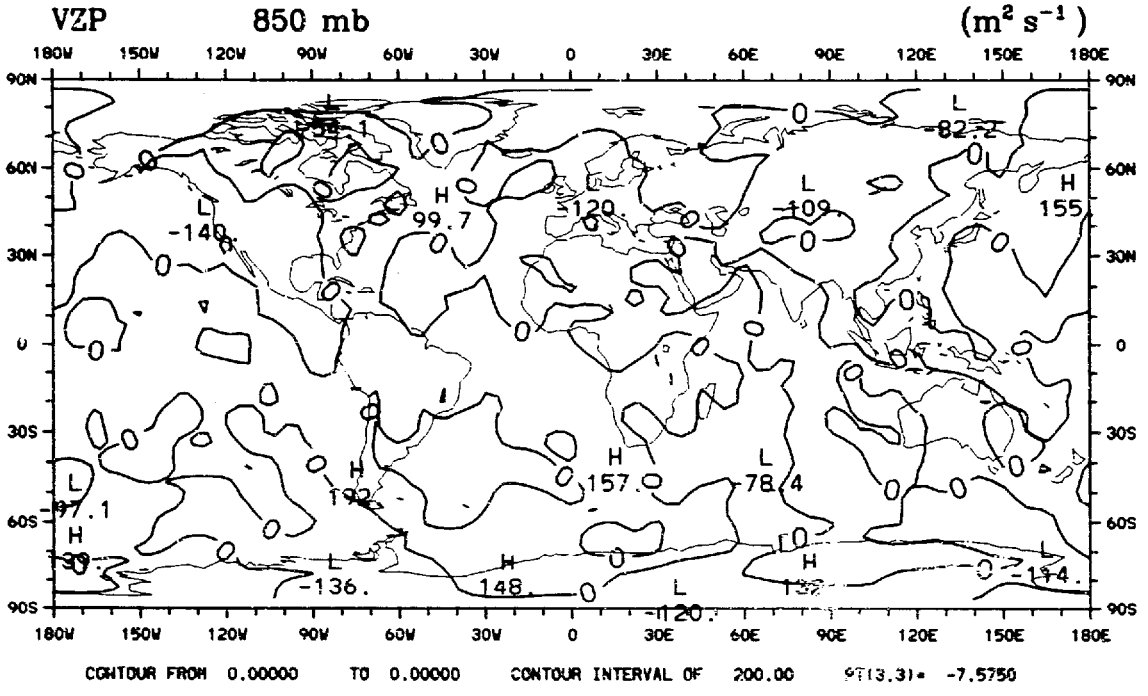

FRAME 1.63

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



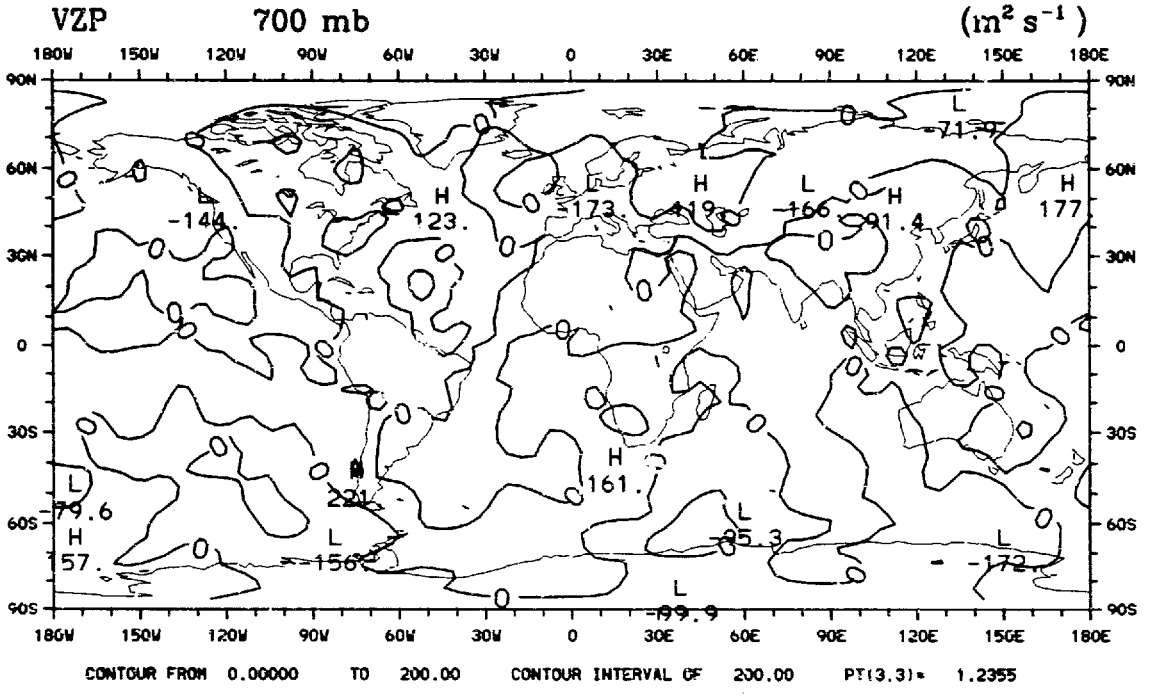

FRAME 1.64

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



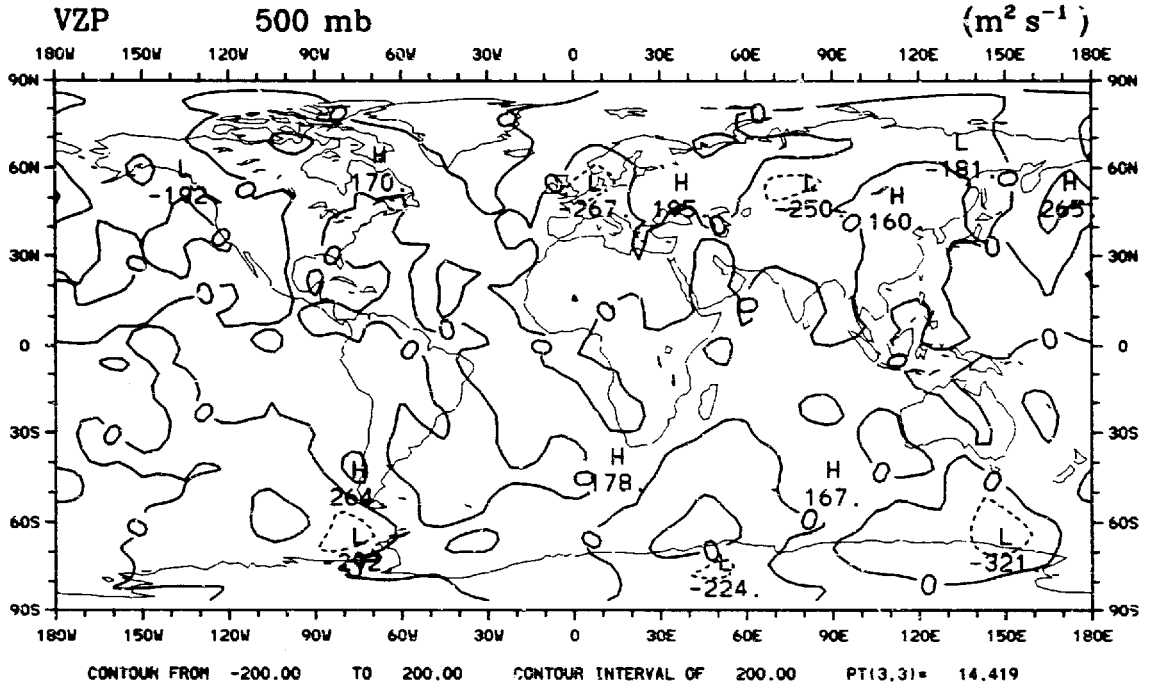

FRAME 1.65

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



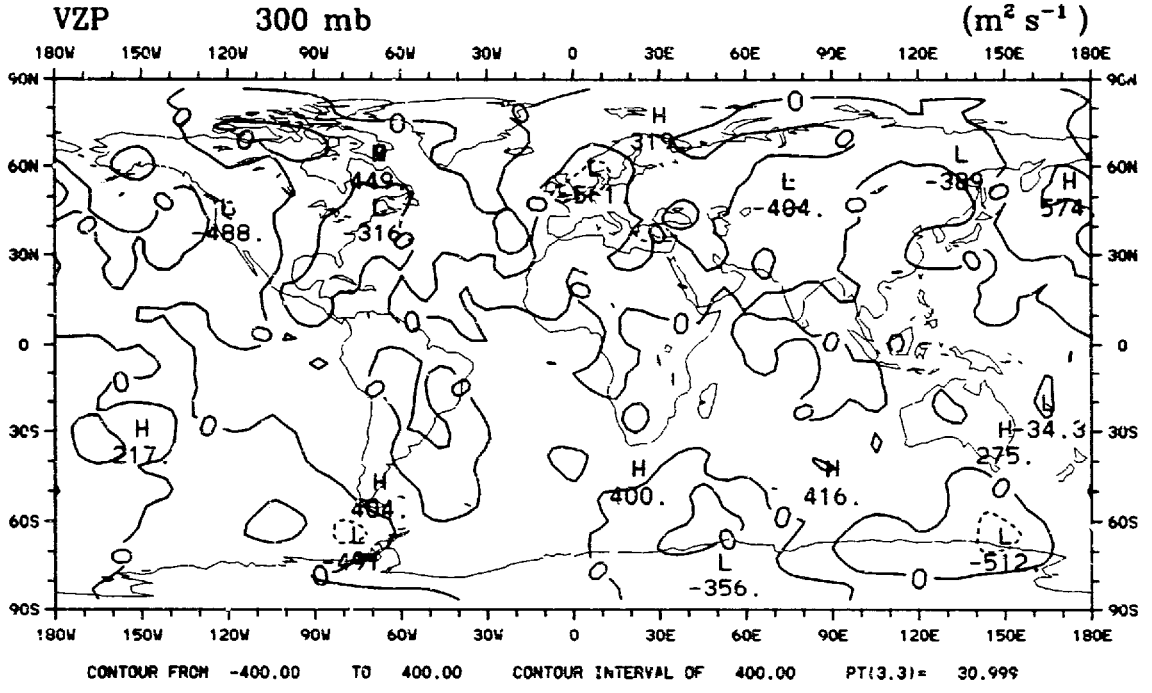

FRAME 1.66

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



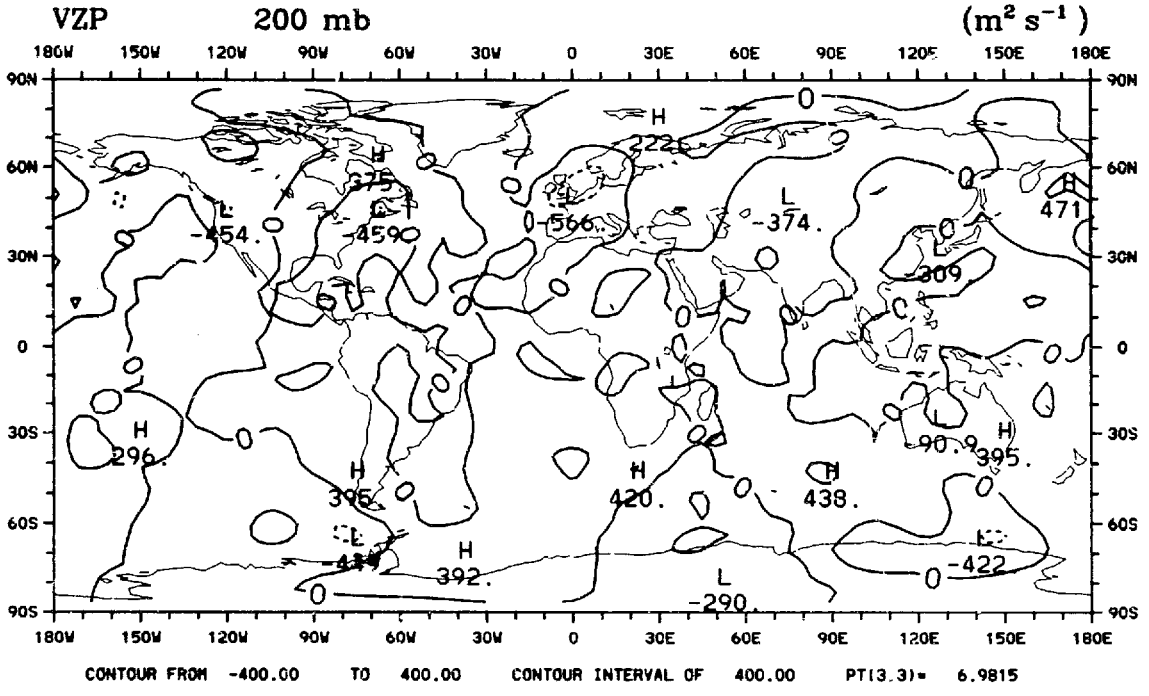

FRAME 1.67

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

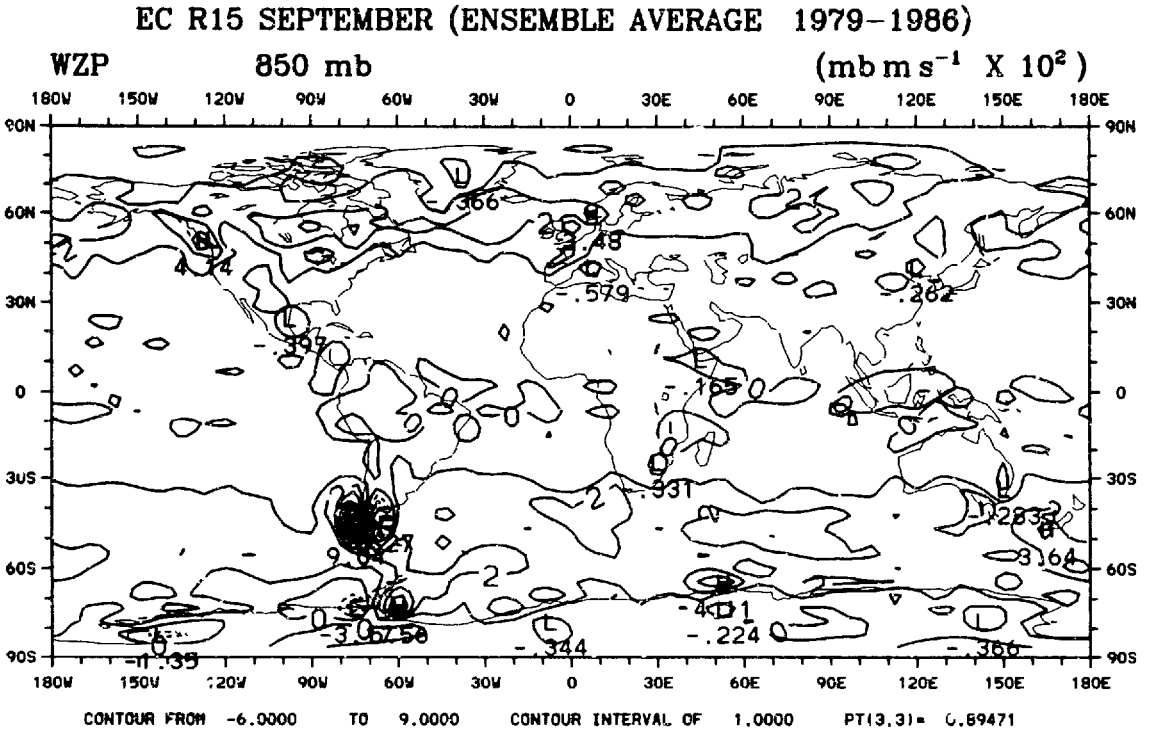



FRAME 1.68

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

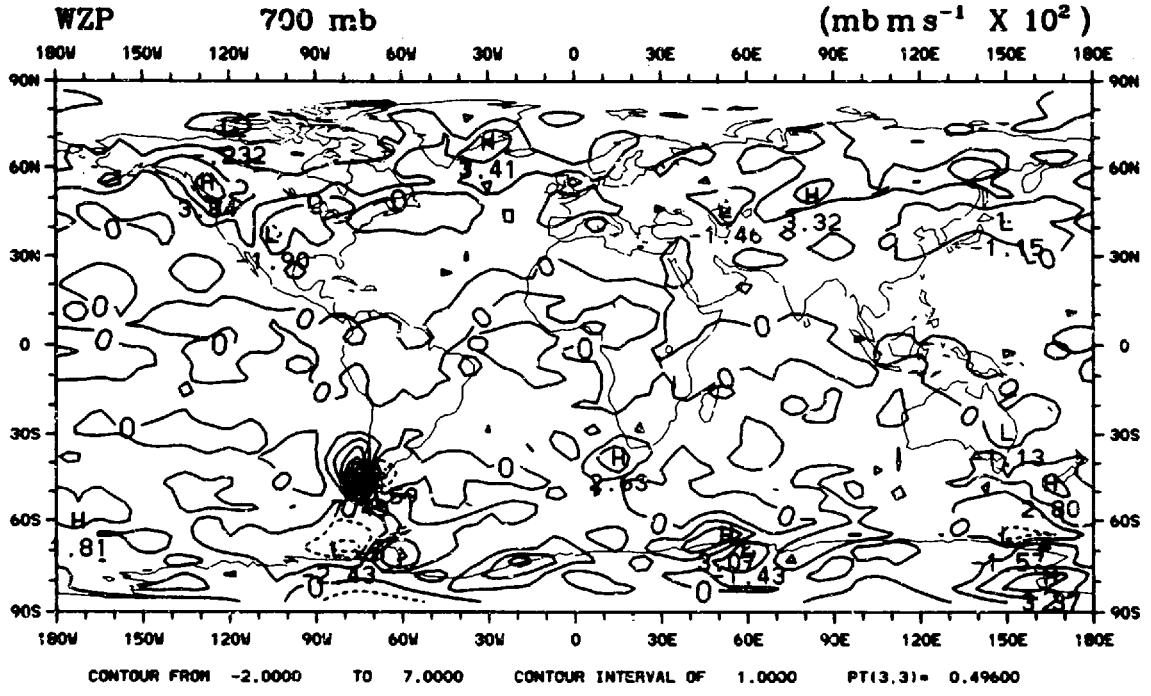



FRAME 1.69

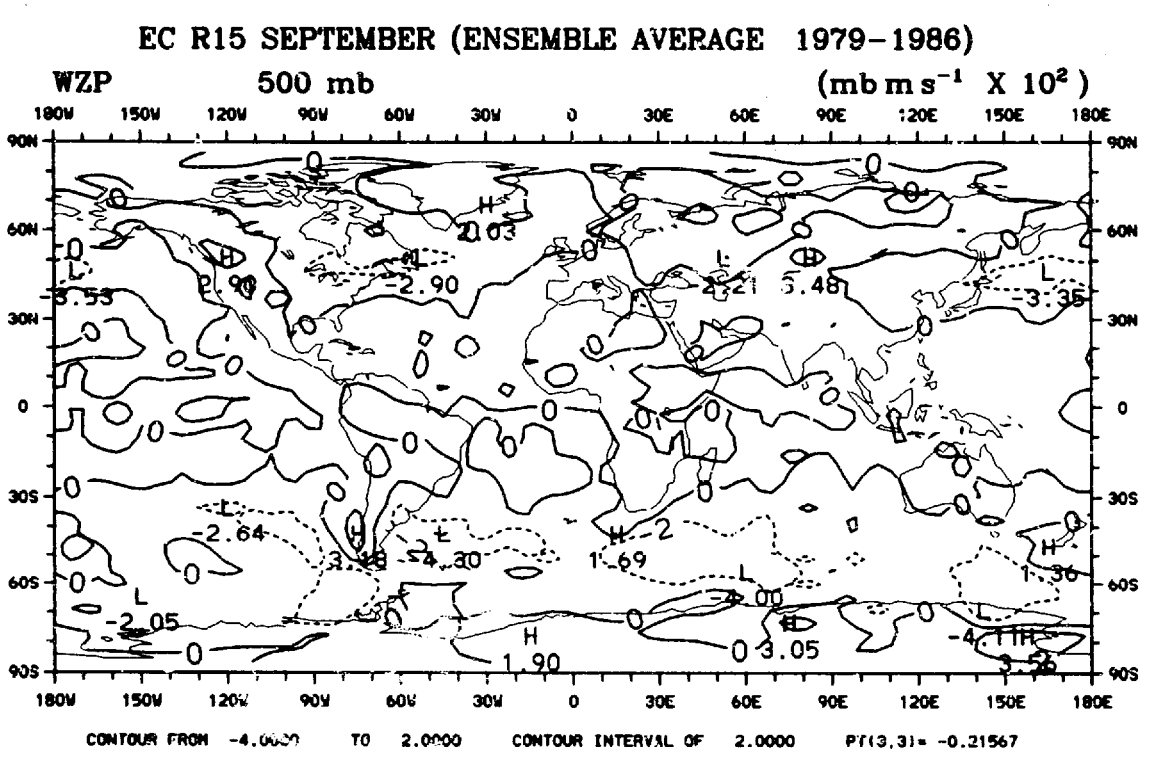

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
WZP
850 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -6.0000 TO 9.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 0.89471

FRAME 1.70

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

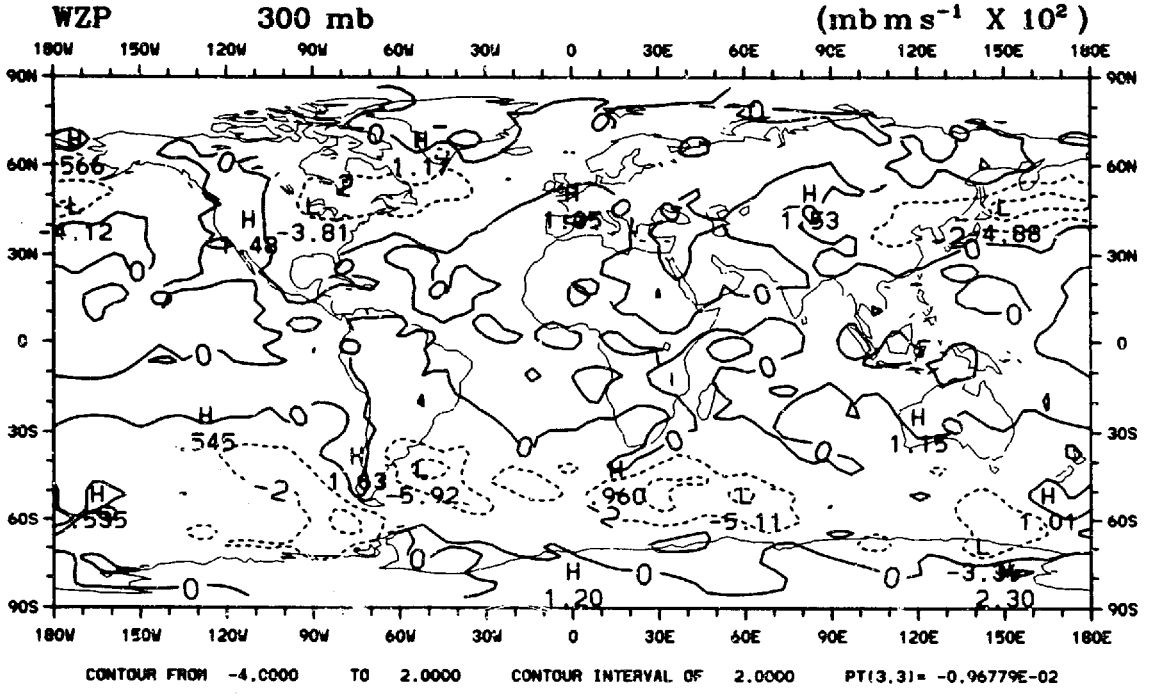



FRAME 1.71


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
WZP
500 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -4.0000 TO 2.0000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= -0.21567

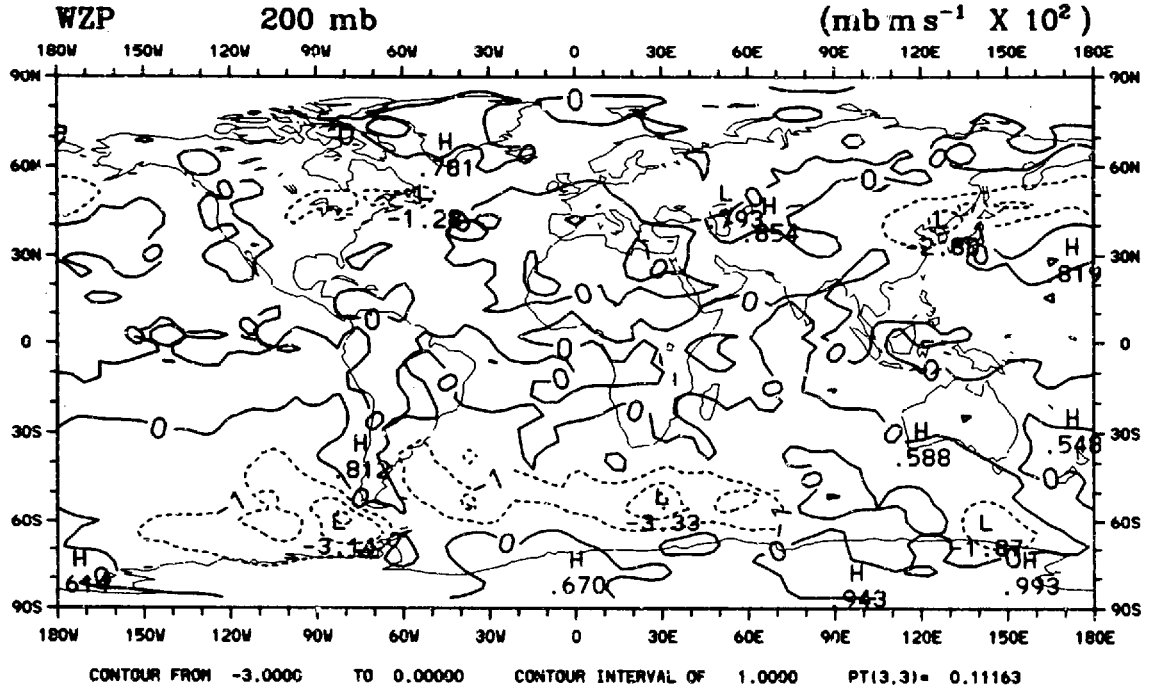
FRAME 1.7_

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



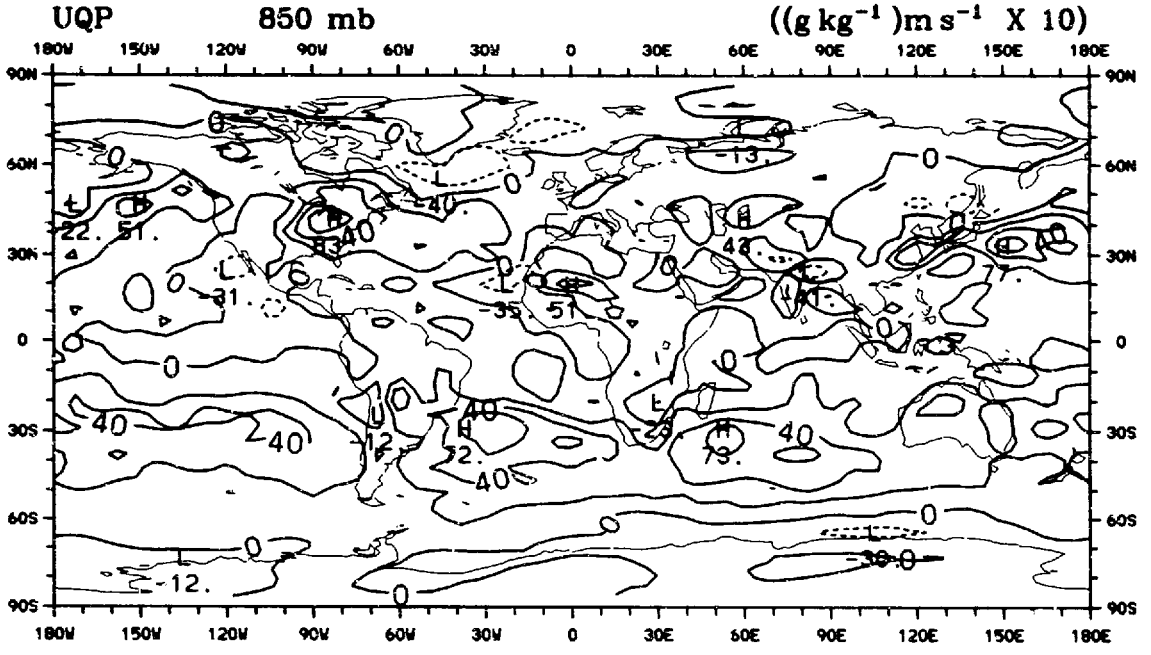

FRAME 1.73

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.74

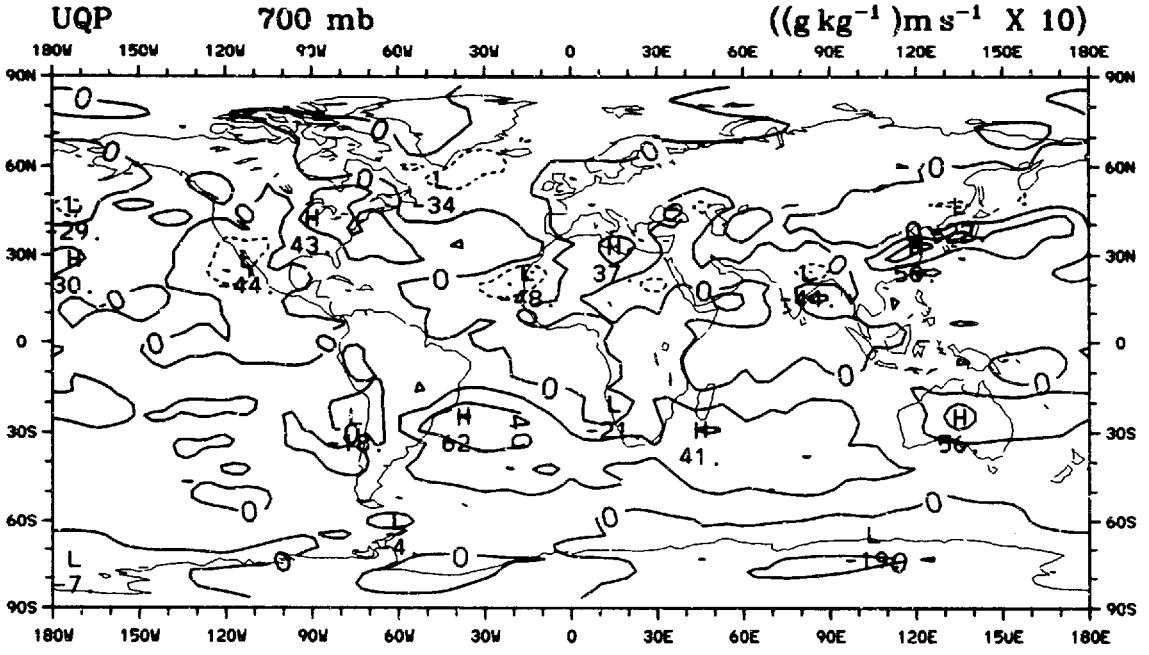
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.68462E-03 LABELS SCALED BY 10000.

FRAME 1.75

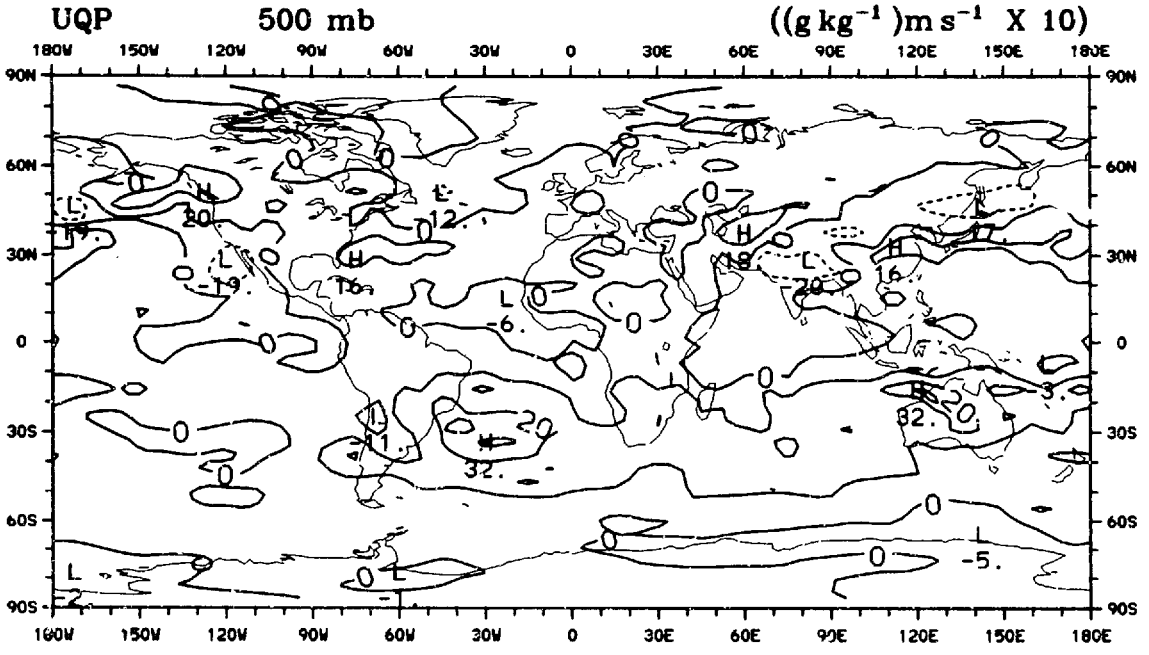
## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.61418E-03 LABELS SCALED BY 10000.

FRAME 1.76

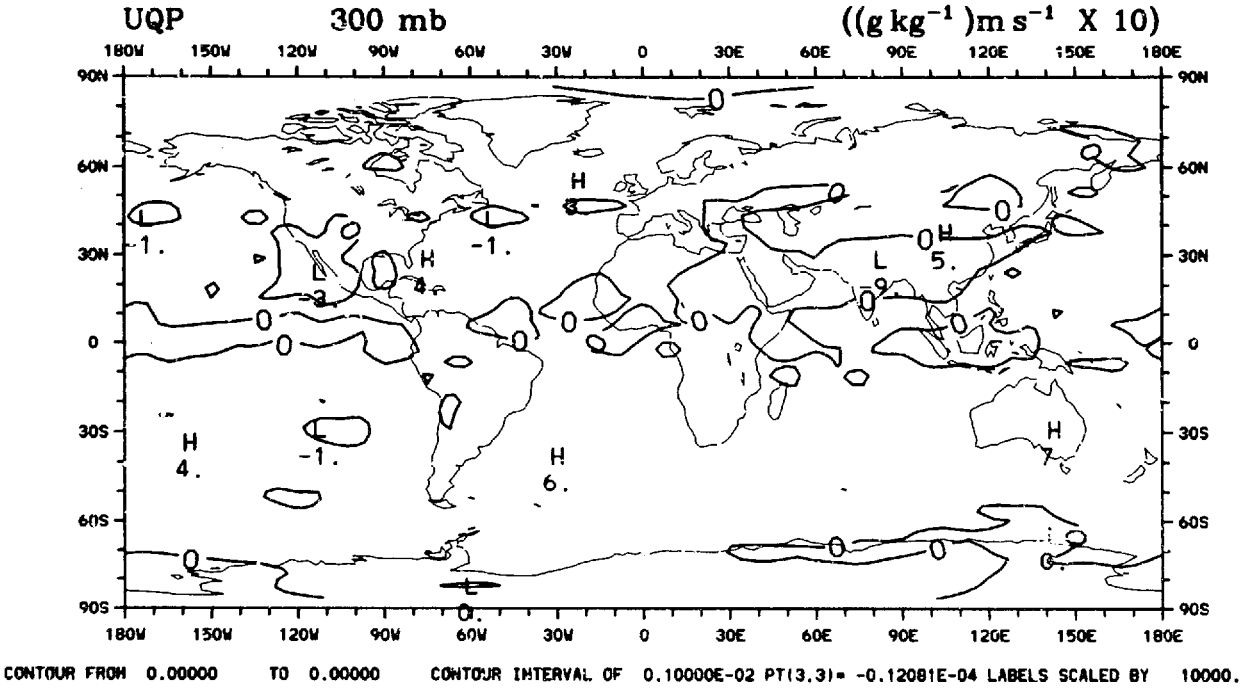
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.23199E-03 LABELS SCALED BY 10000.

FRAME 1.77

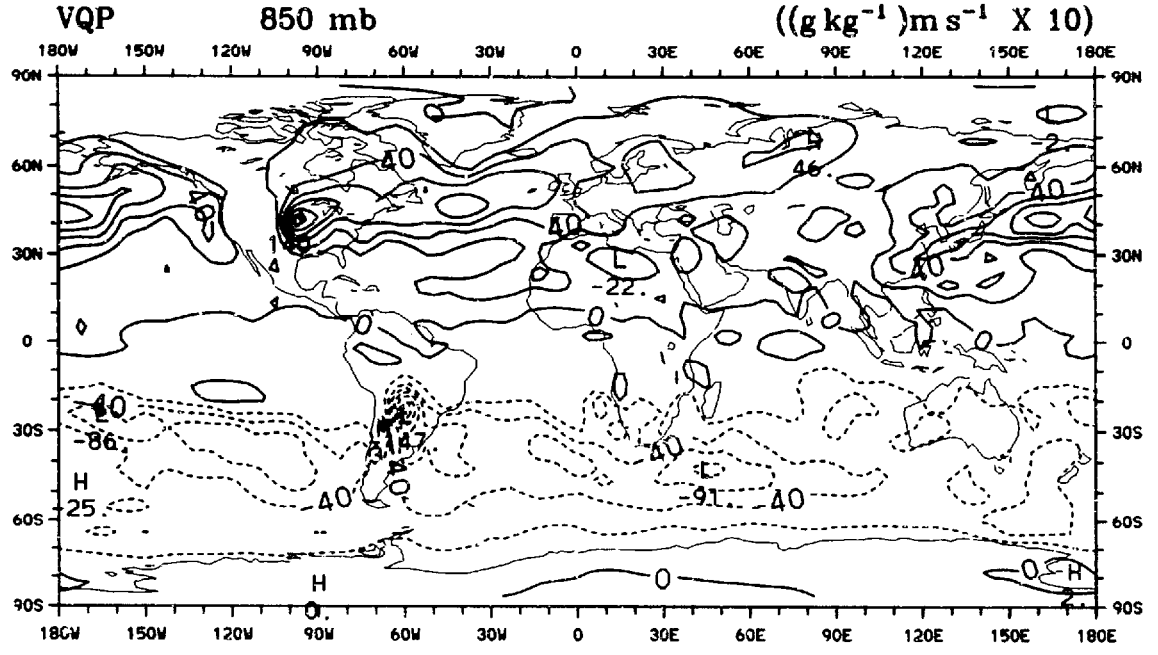
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.12081E-04 LABELS SCALED BY 10000.

FRAME 1.78

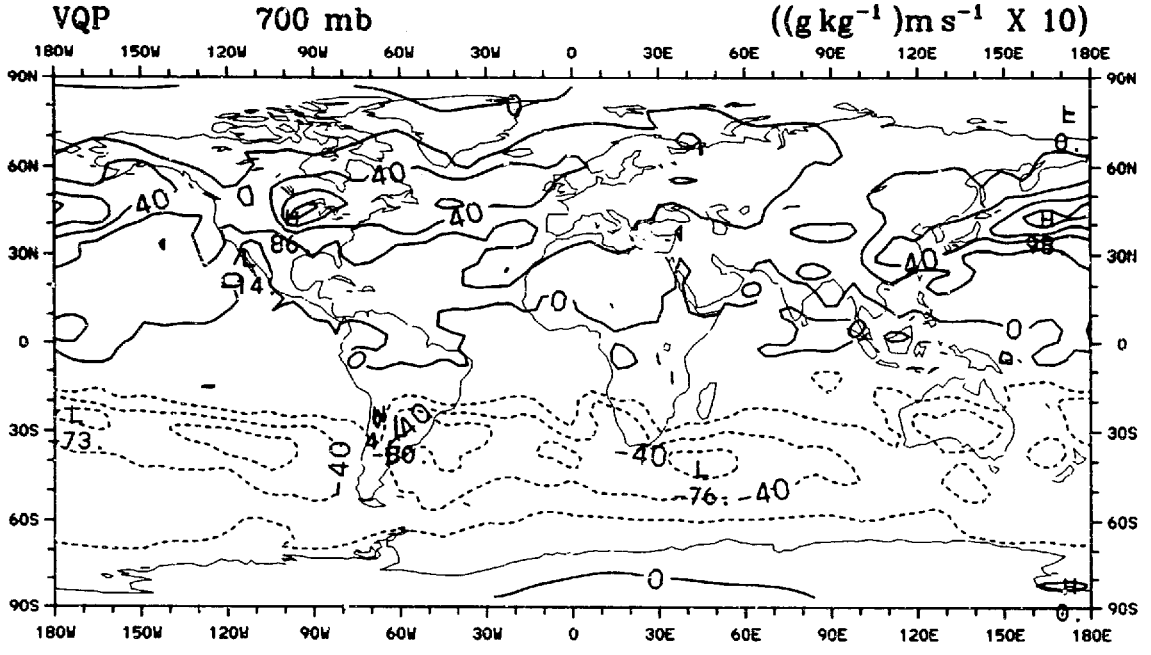
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.14000E-01 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.69184E-03 LABELS SCALED BY 10000.

FRAME 1.79

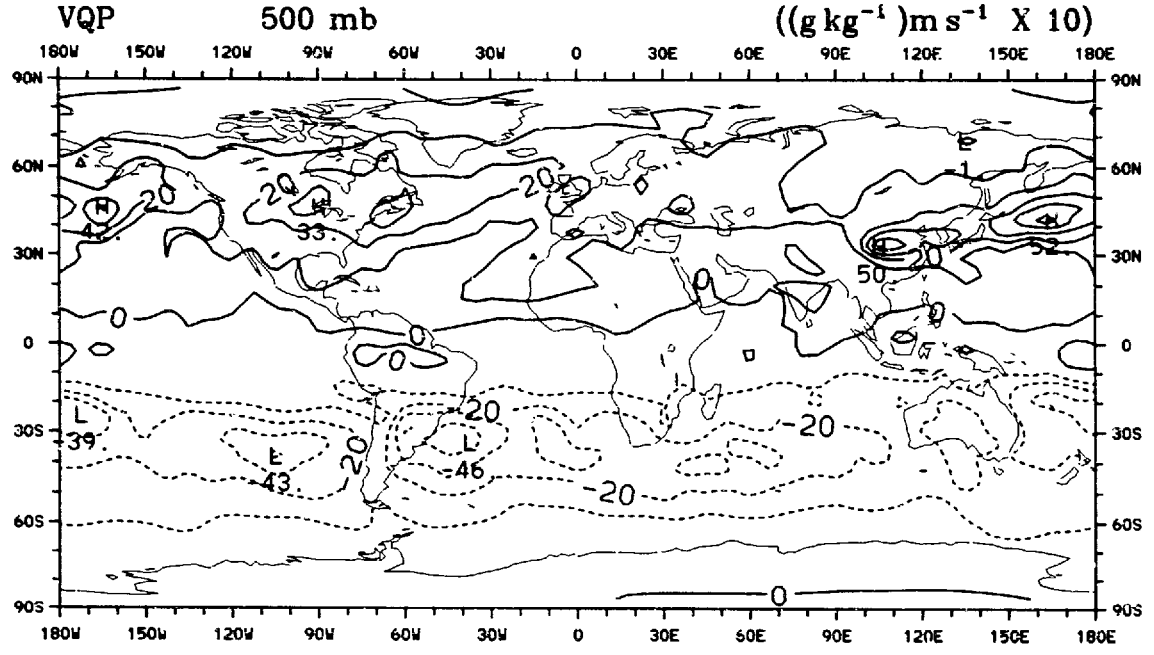
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.60000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.61343E-03 LABELS SCALED BY 10000.

FRAME 1.80

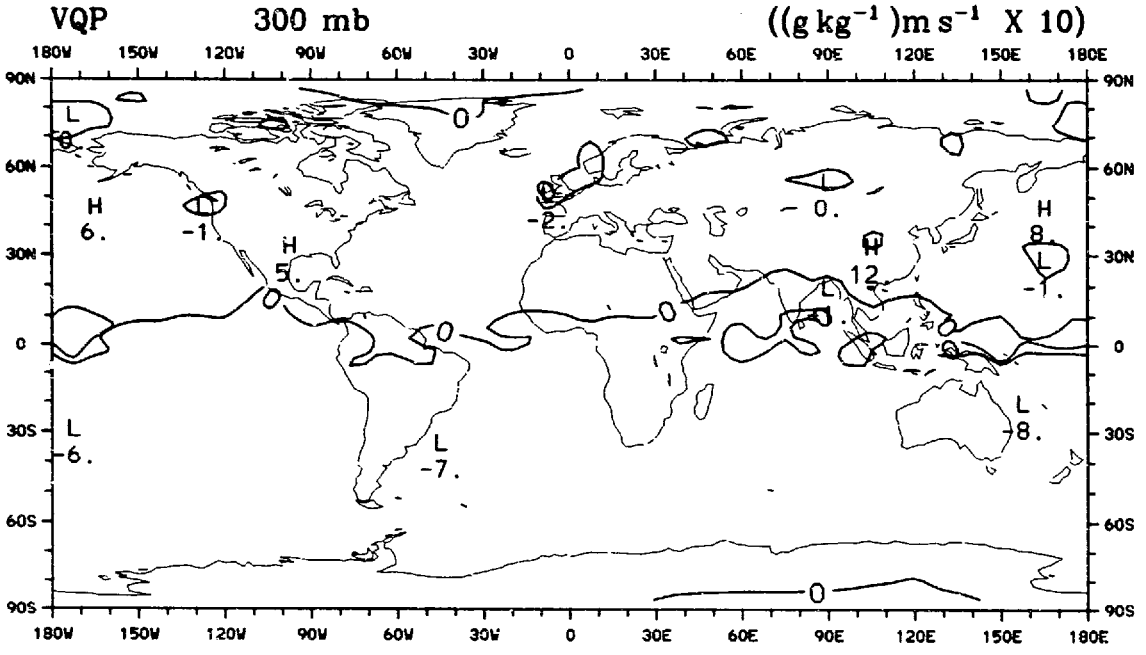
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.25722E-03 LABELS SCALED BY 10000.

FRAME 1.81

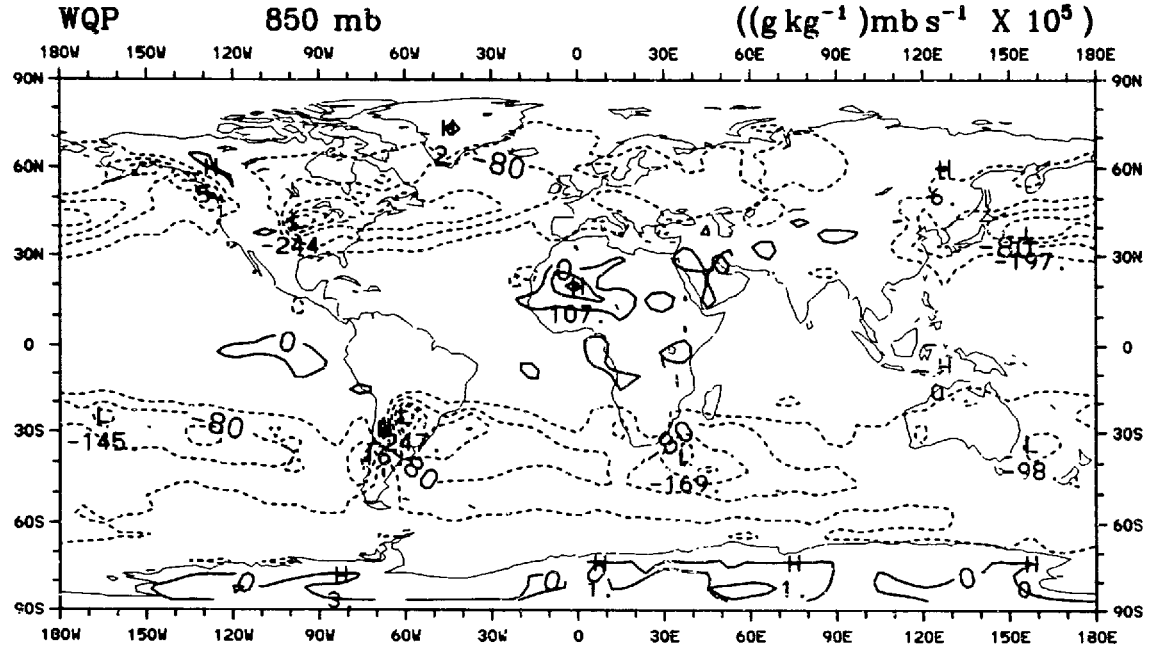
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.10000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.22454E-04 LABELS SCALED BY 10000.

FRAME 1.82

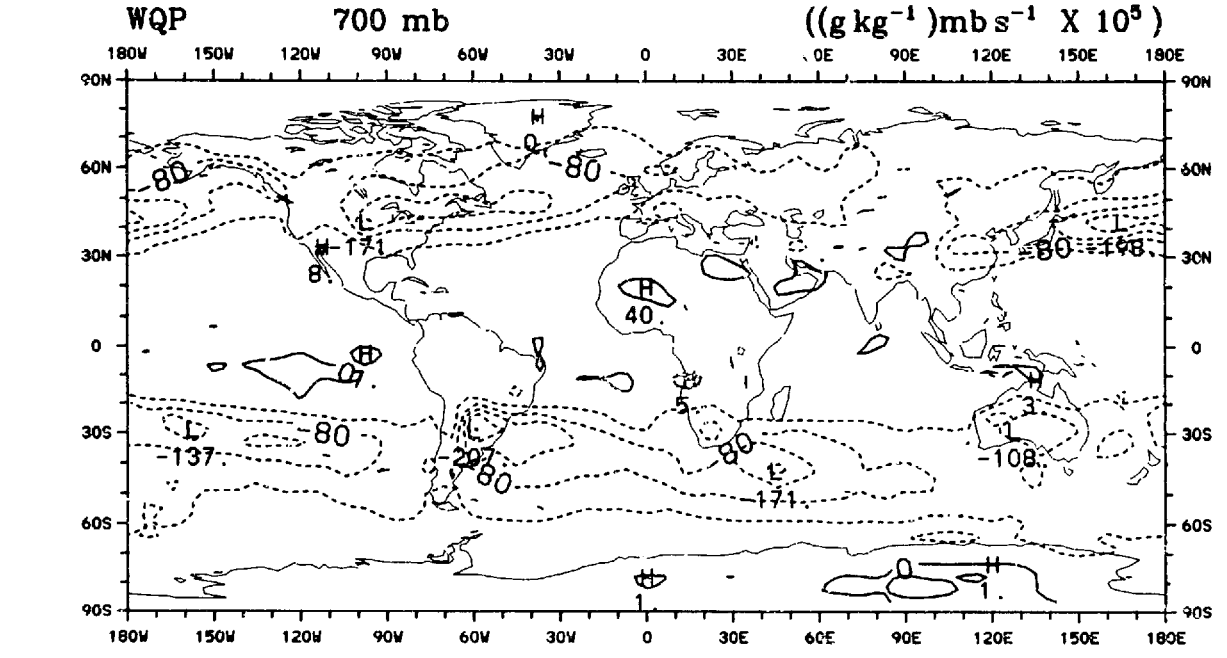
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.24000E-03 TO 0.80000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.75976E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

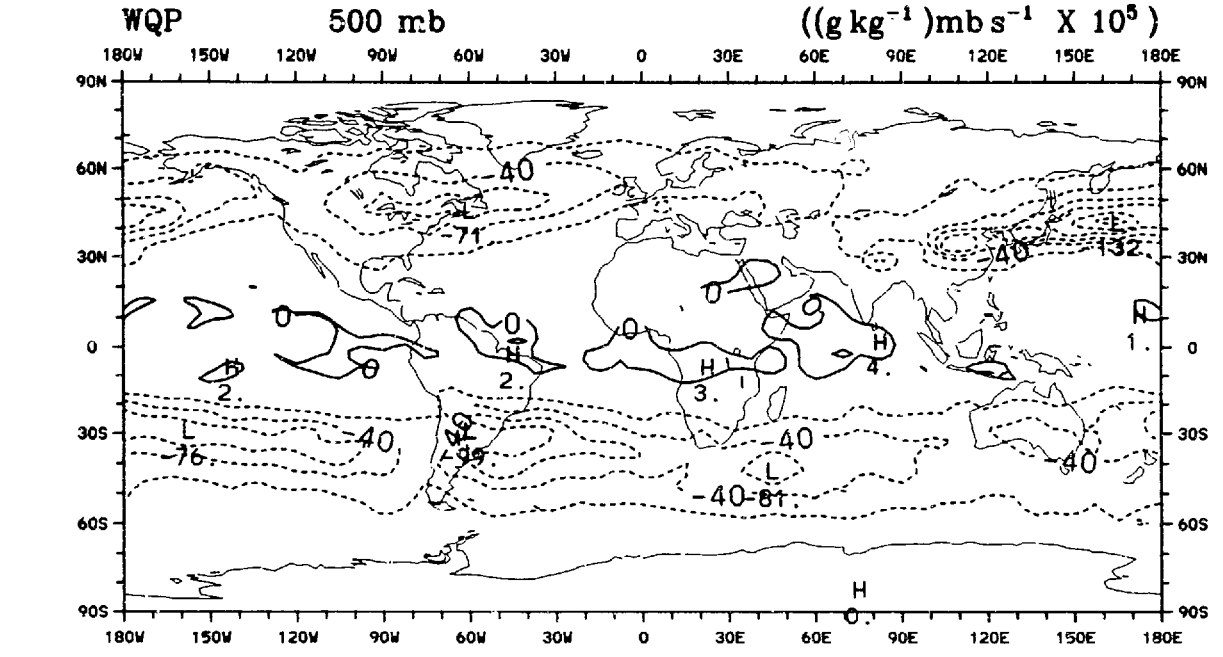
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.11103E-04 LABELS SCALED BY 0.10000E+07

FRAME 1.84

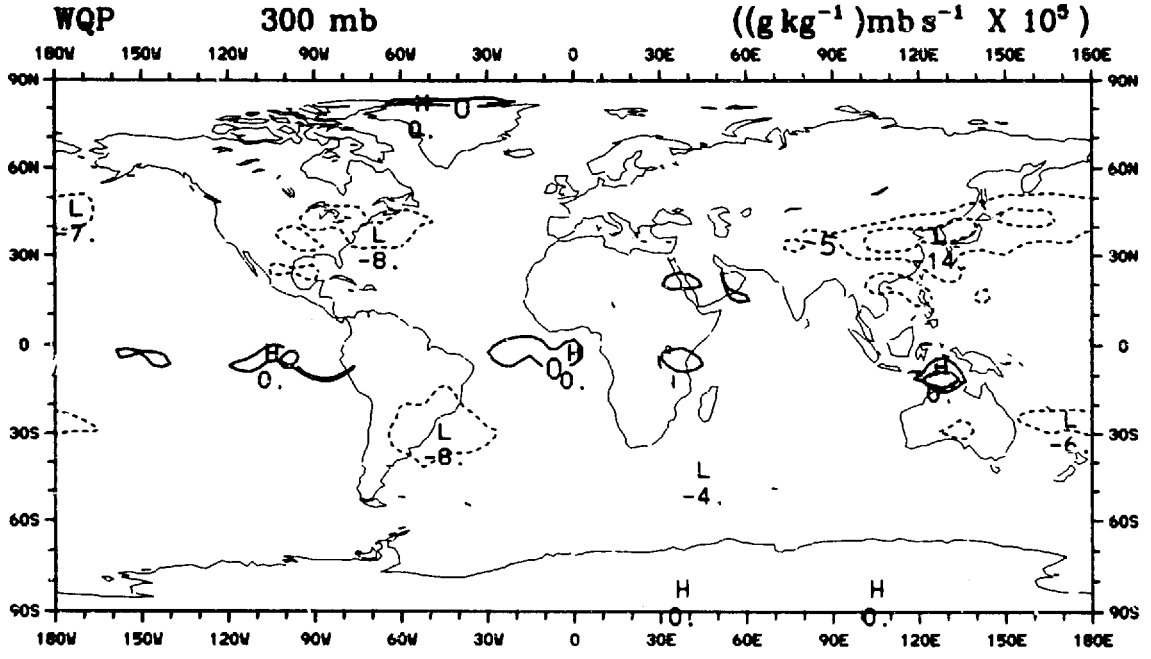
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.12000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.41165E-05 LABELS SCALED BY 0.10000E+07

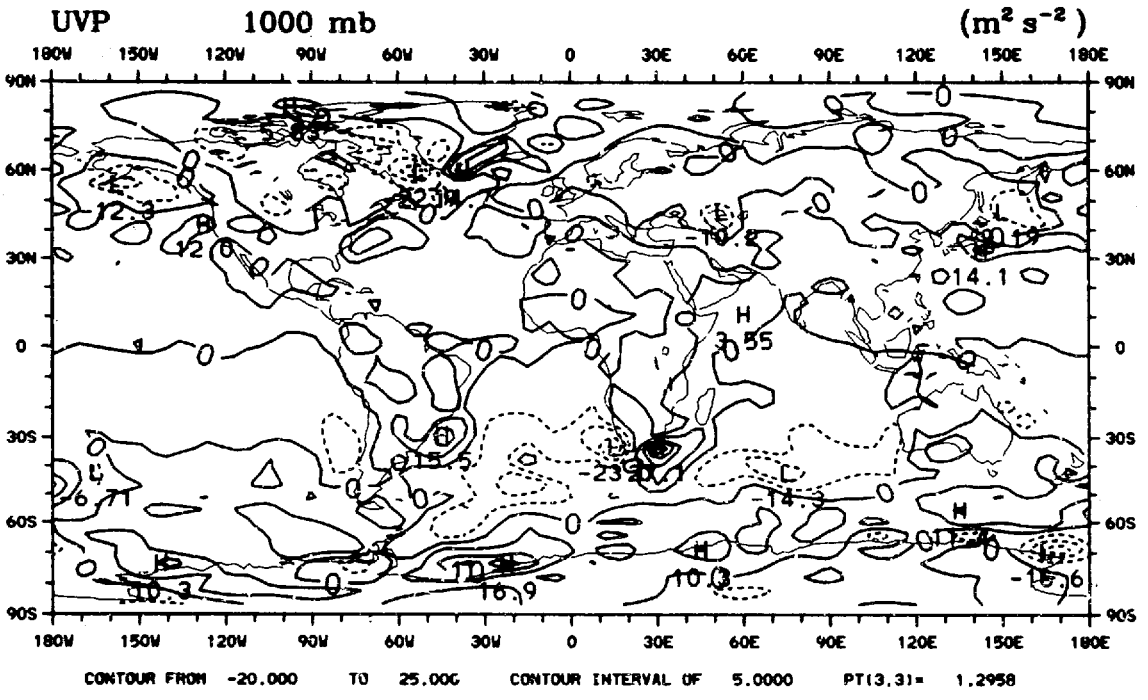
FRAME 1.85

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



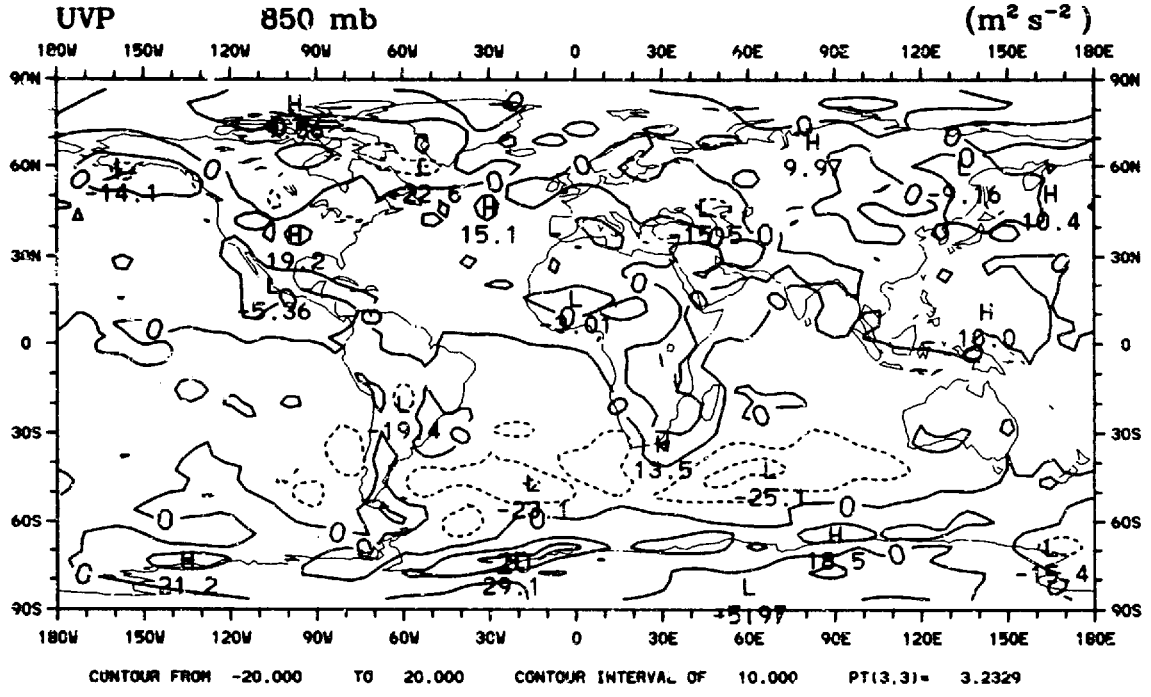

CONTOUR FROM -0.10000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.14517E-06 LABELS SCALED BY 0.10000E+07

FRAME 1.86

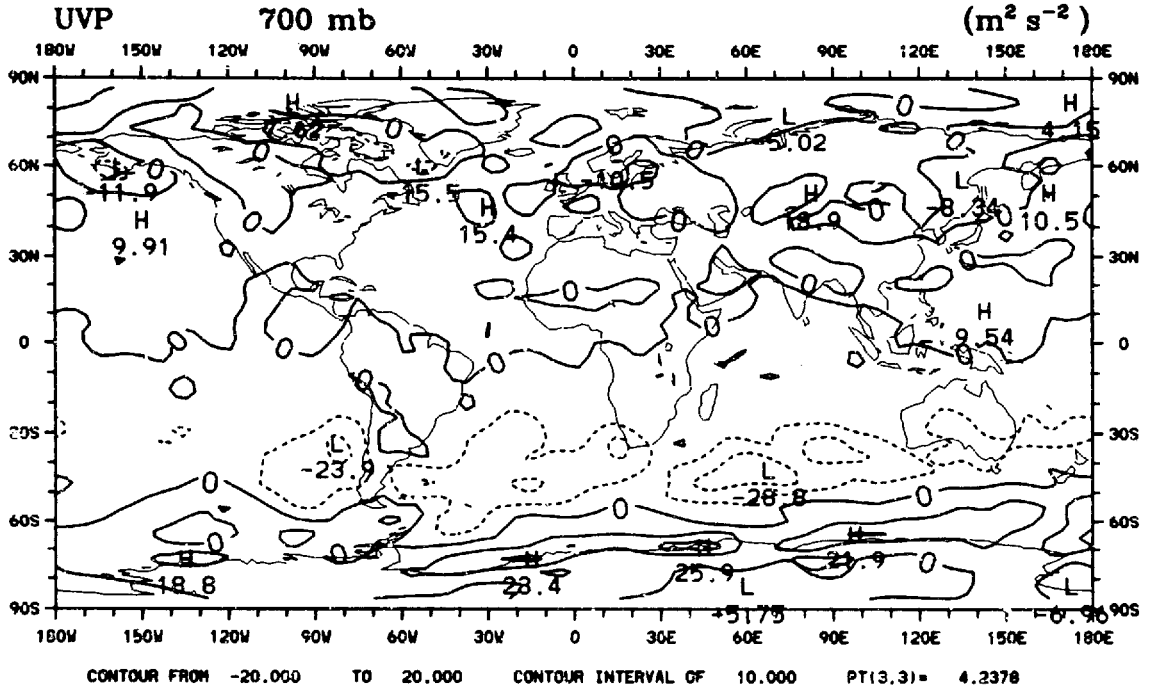

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
UVP
1000 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -20.000 TO 25.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 1.2958

FRAME 1.87

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

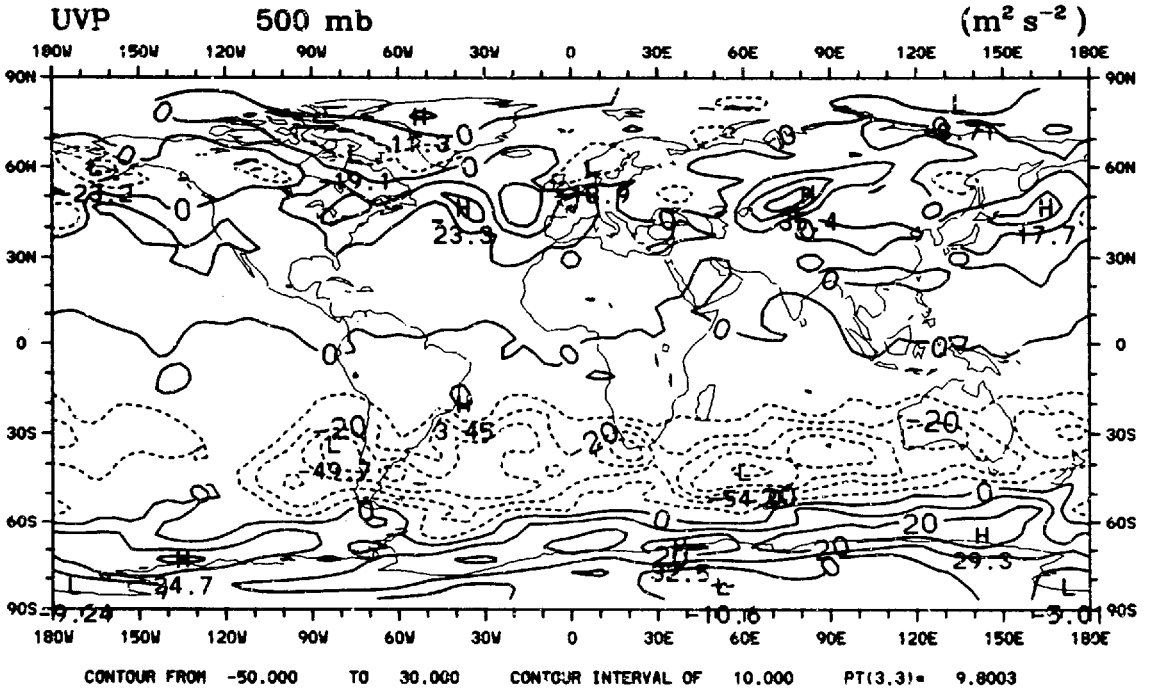



FRAME 1.88


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
UVP
700 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H
L
0
9.91
-11.9
15.5
15.4
-23.9
-28.8
18.8
28.4
25.9
-8.34
10.5
9.54
CONTOUR FROM -20.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 4.2378

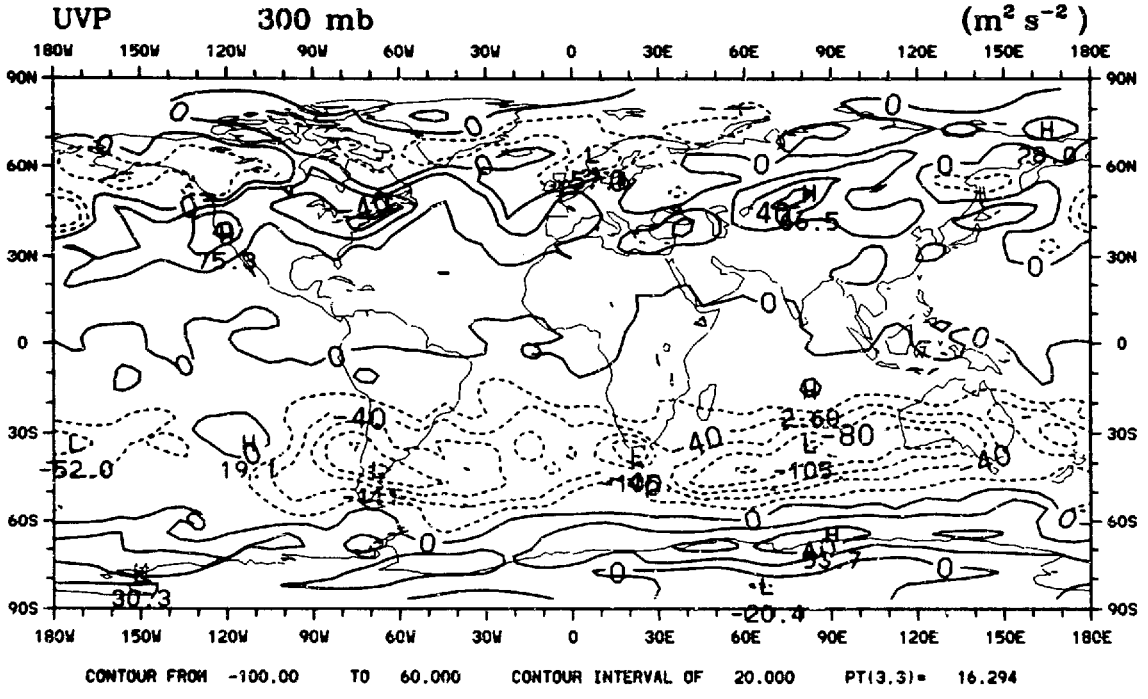
FRAME 1.89

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



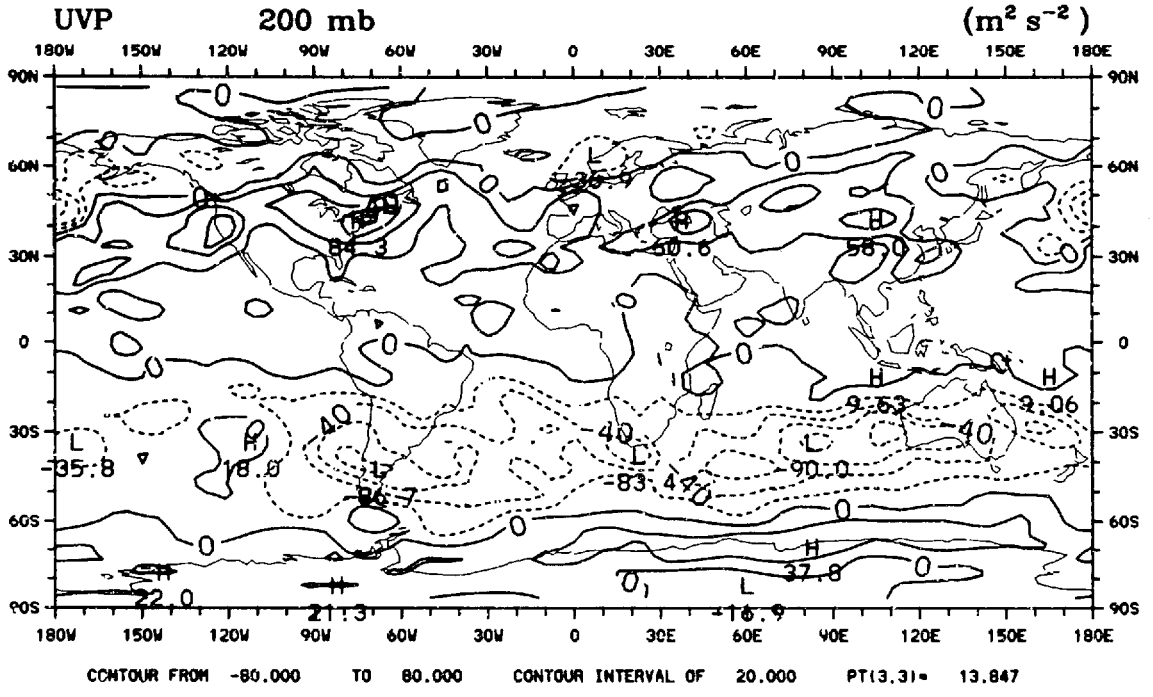

FRAME 1.90

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



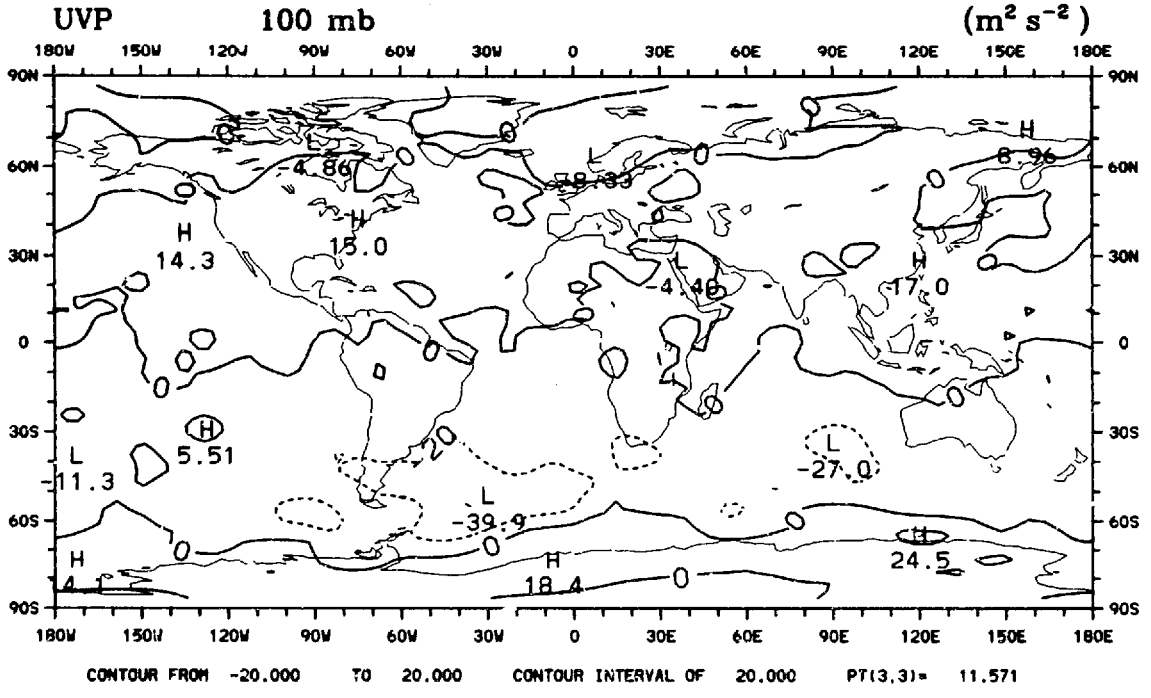

FRAME 1.91

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



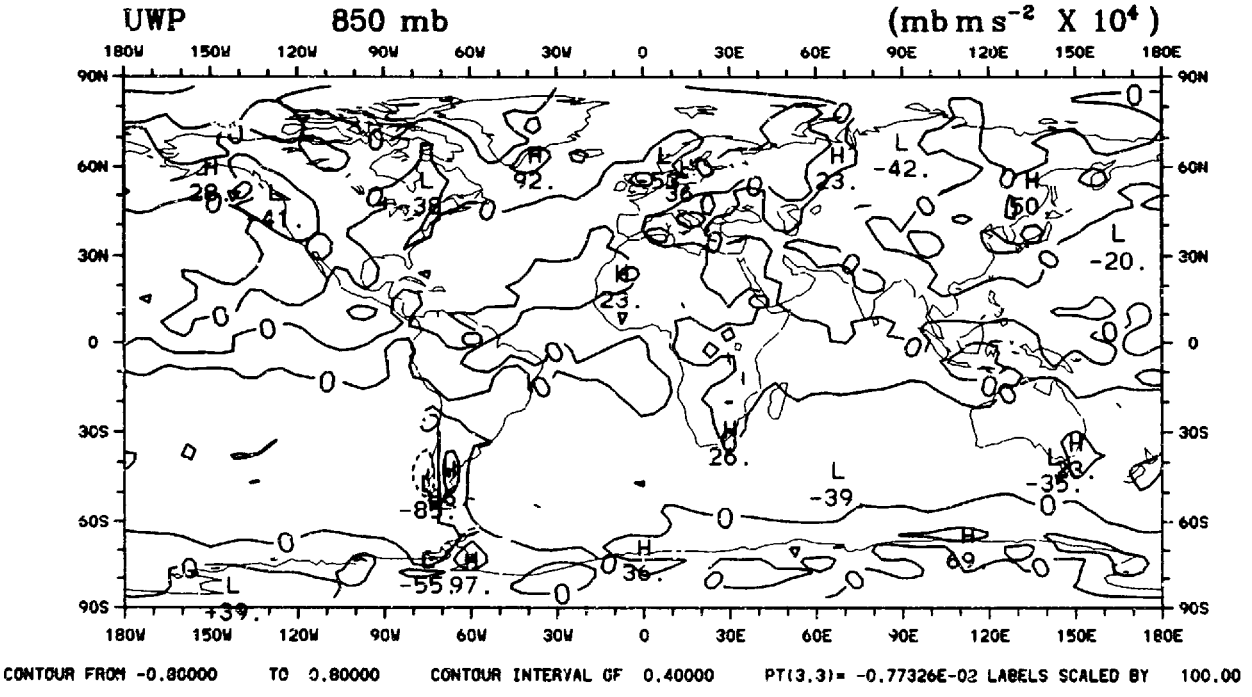

FRAME 1.92

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



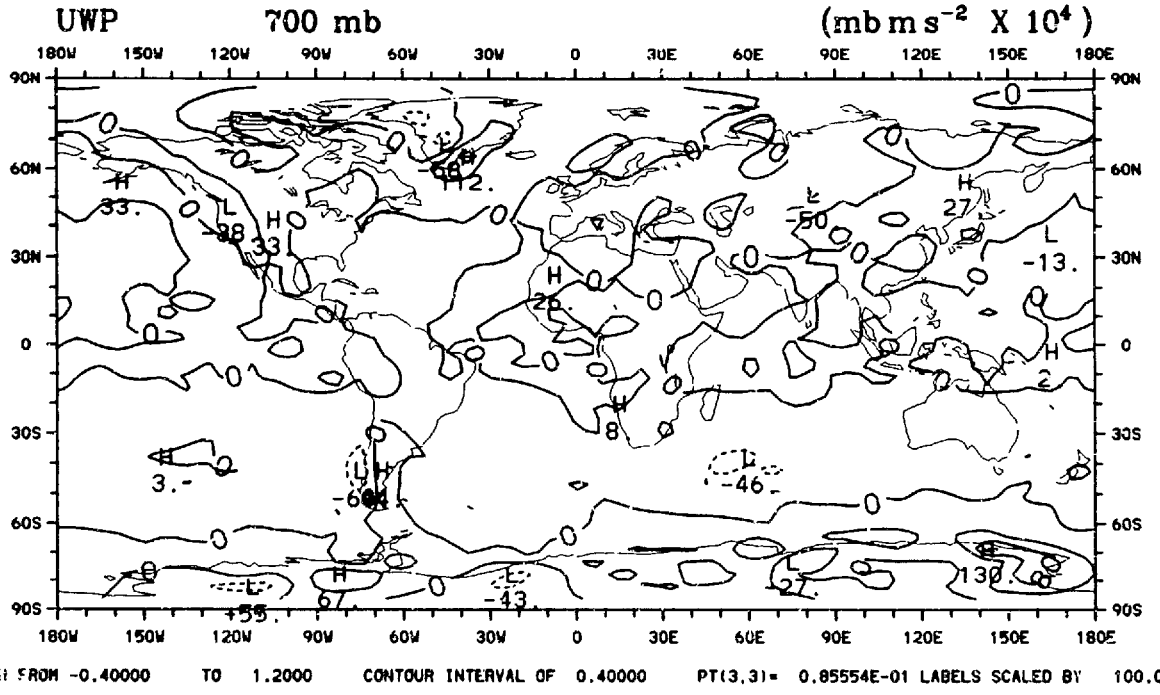

FRAME 1.93

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.94

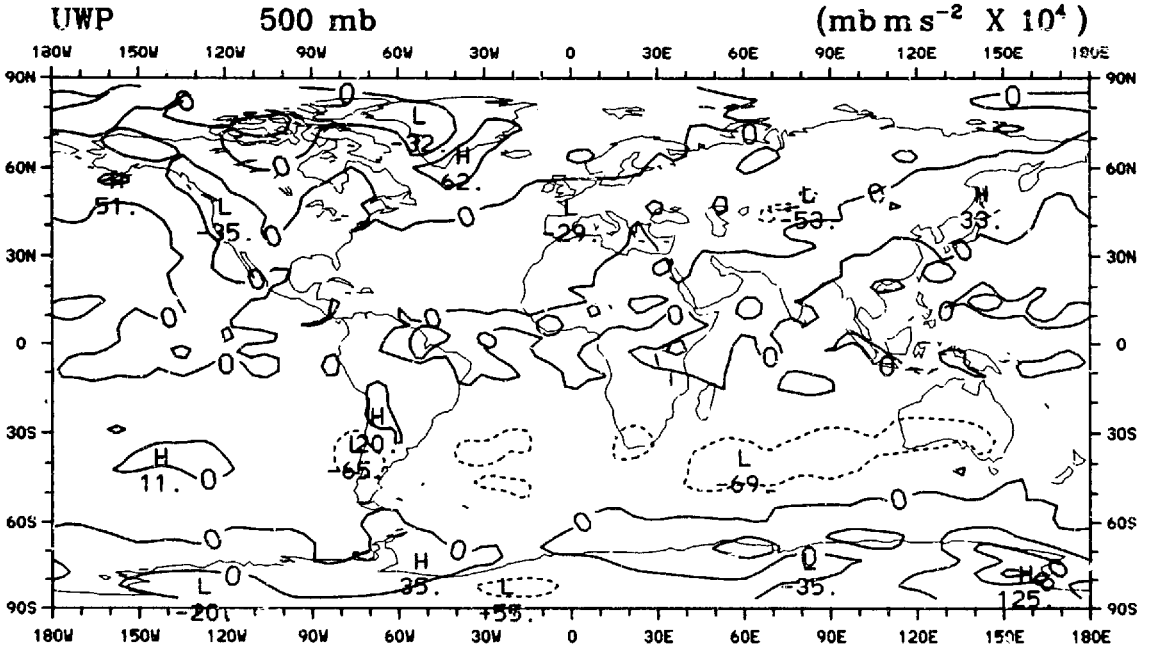
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.85554E-01 LABELS SCALED BY 100.00

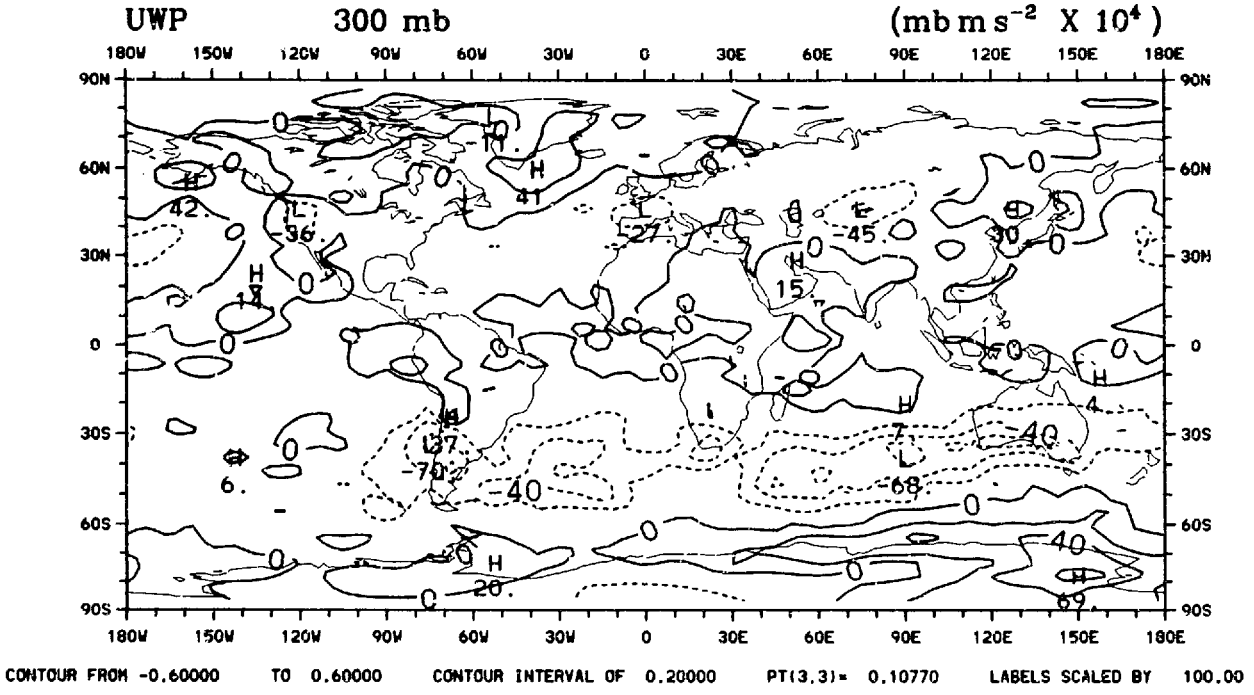
FRAME 1.95

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



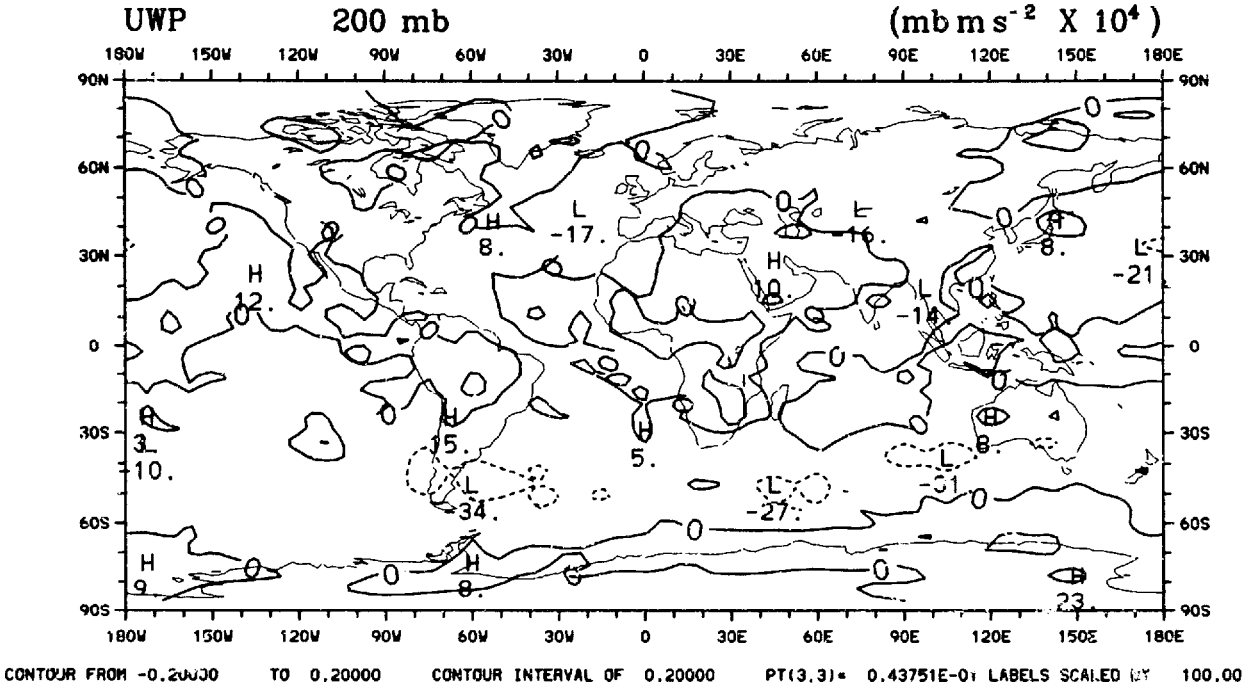

FRAME 1.96

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.97

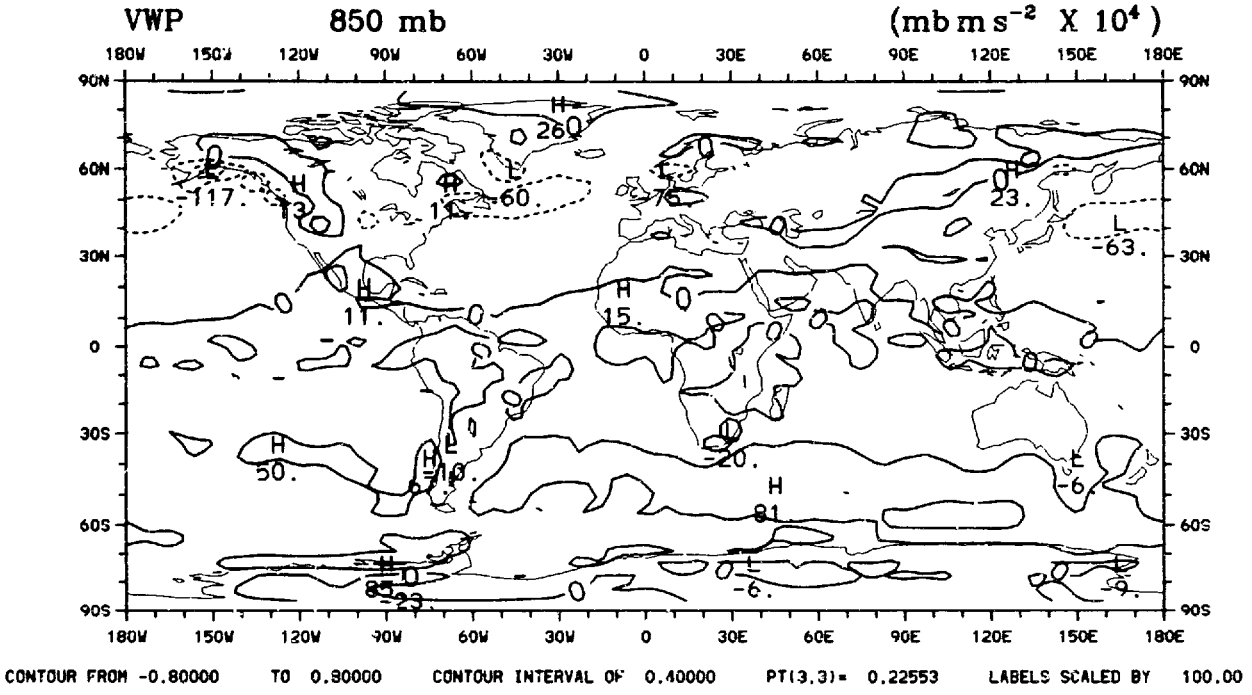
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.43751E-01 LABELS SCALED BY 100.00

FRAME 1.98

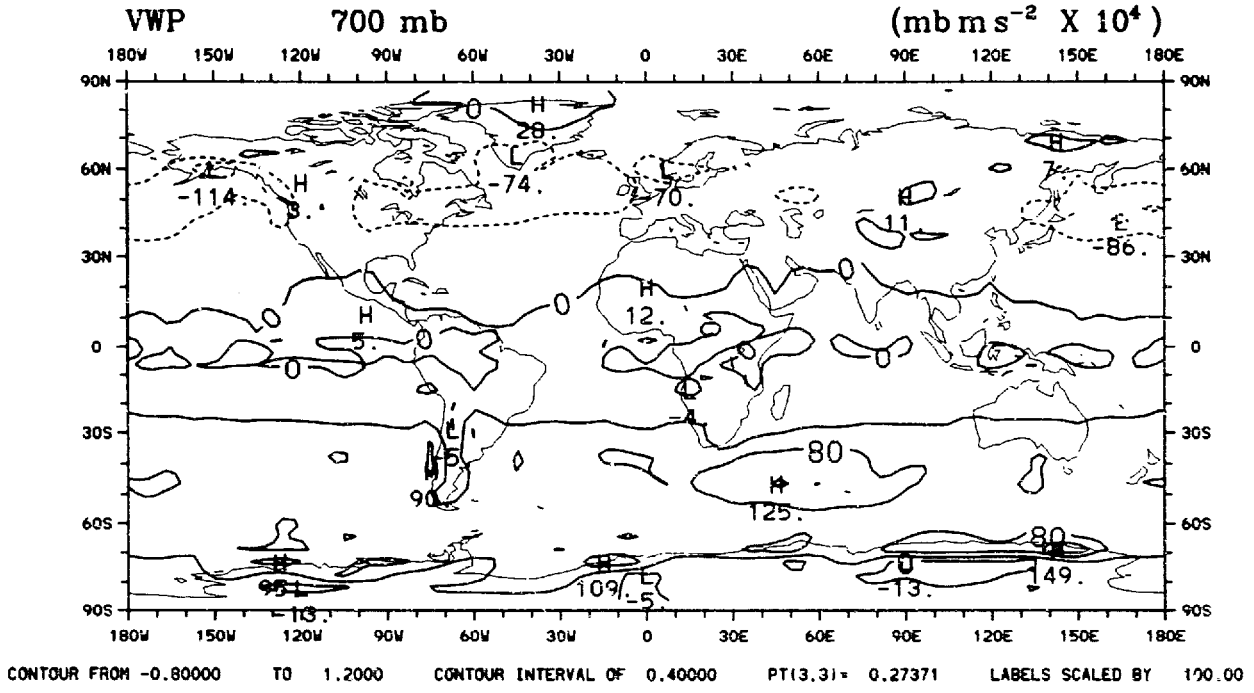
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979--1986)




CONTOUR FROM -0.80000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.22553 LABELS SCALED BY 100.00

FRAME 1.99

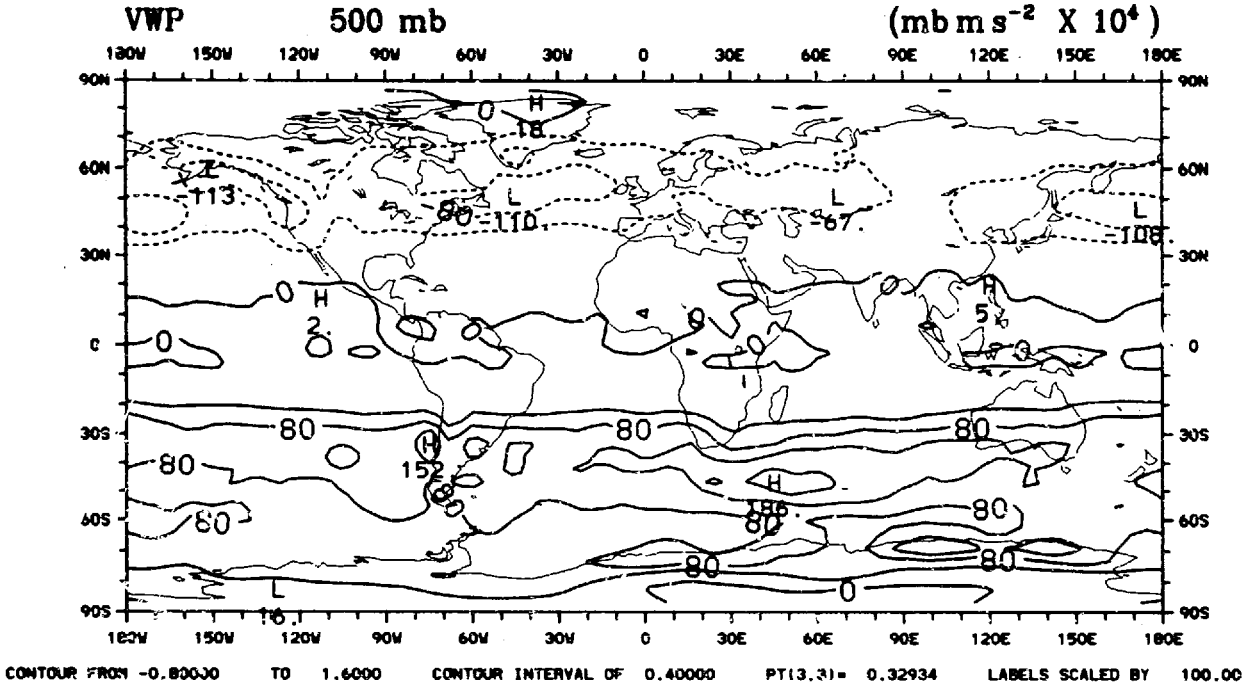
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.27371 LABELS SCALED BY 100.00

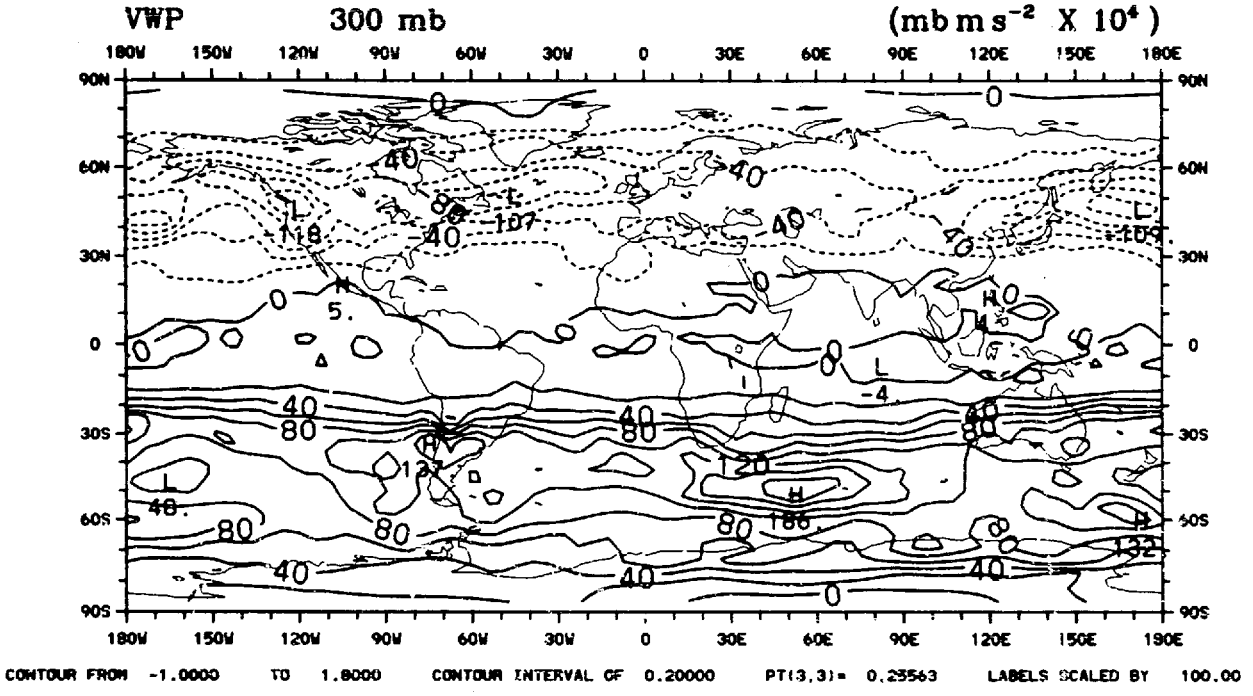
FRAME 1.100

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

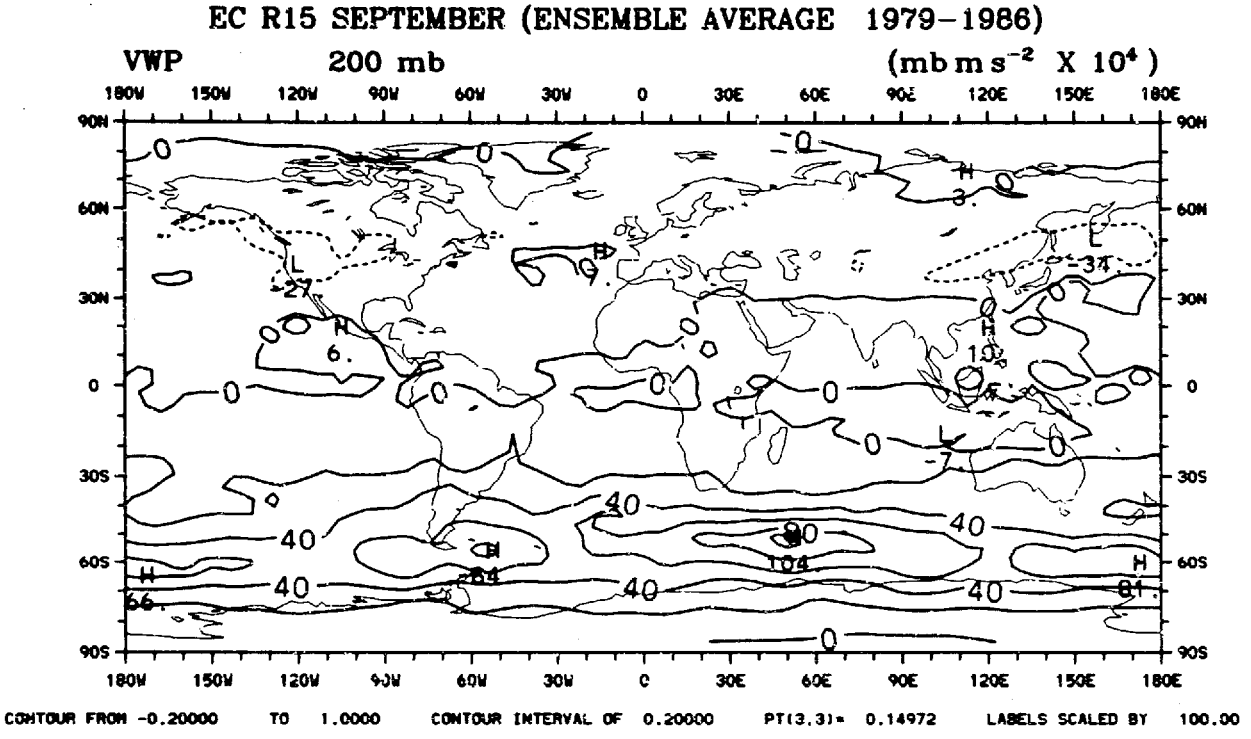



FRAME 1.101

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

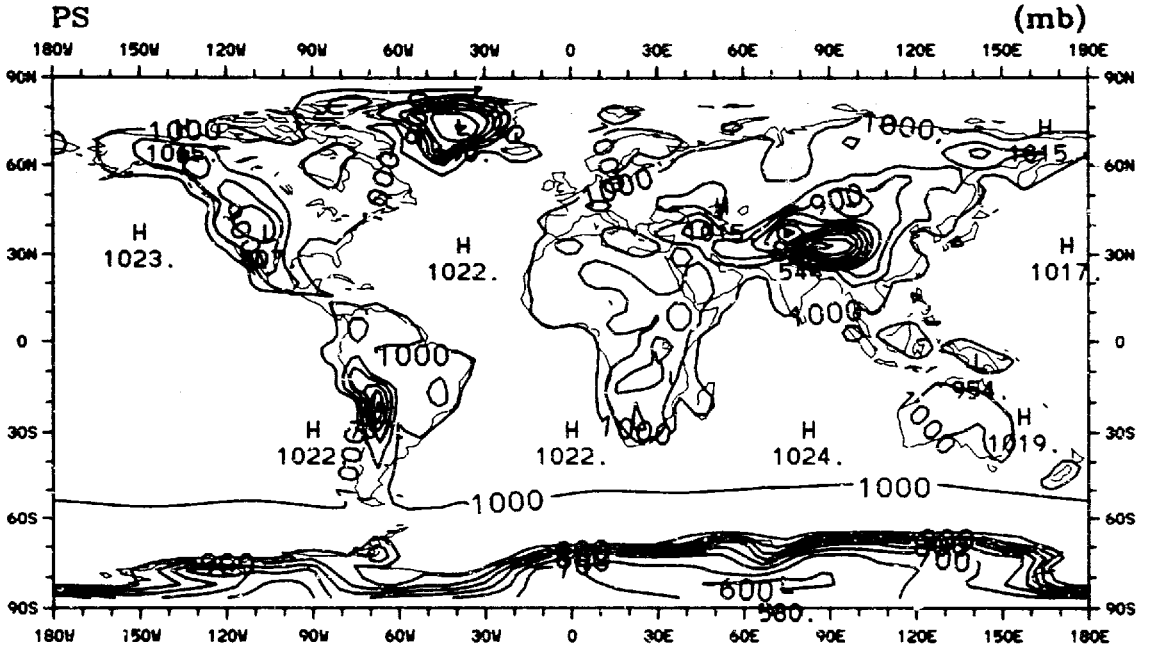



FRAME 1.102


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
VWP
200 mb
(mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -0.20000 TO 1.0000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.14972 LABELS SCALED BY 100.00

FRAME 1.103

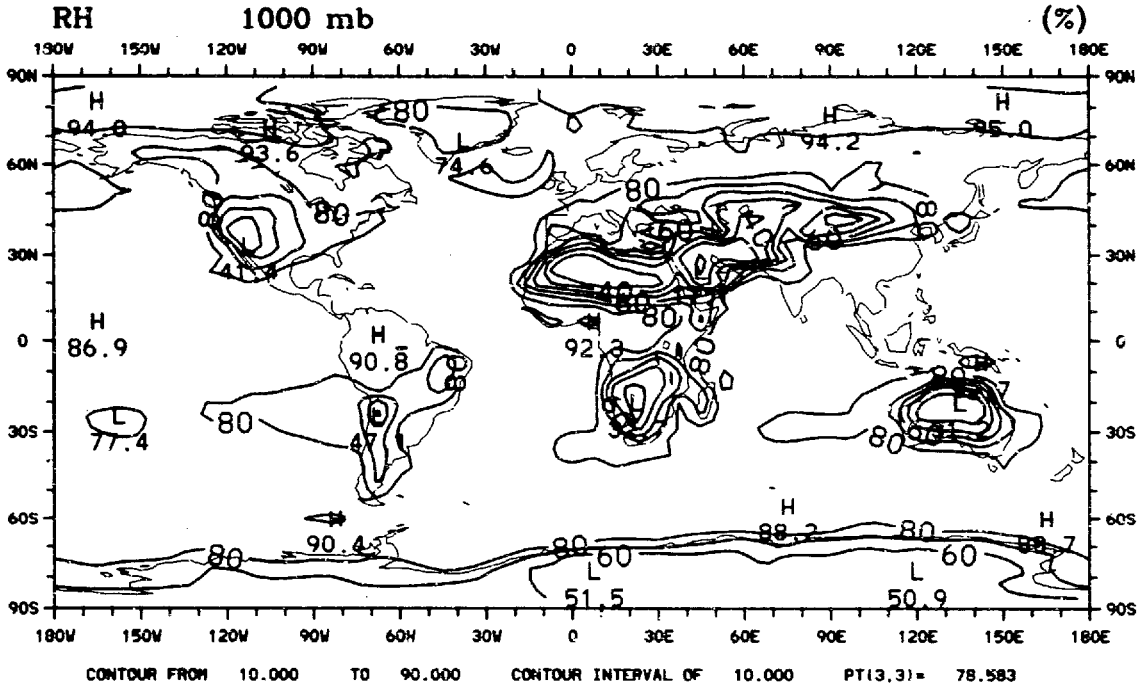
# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 97693. LABELS SCALED BY 0.10000E-01

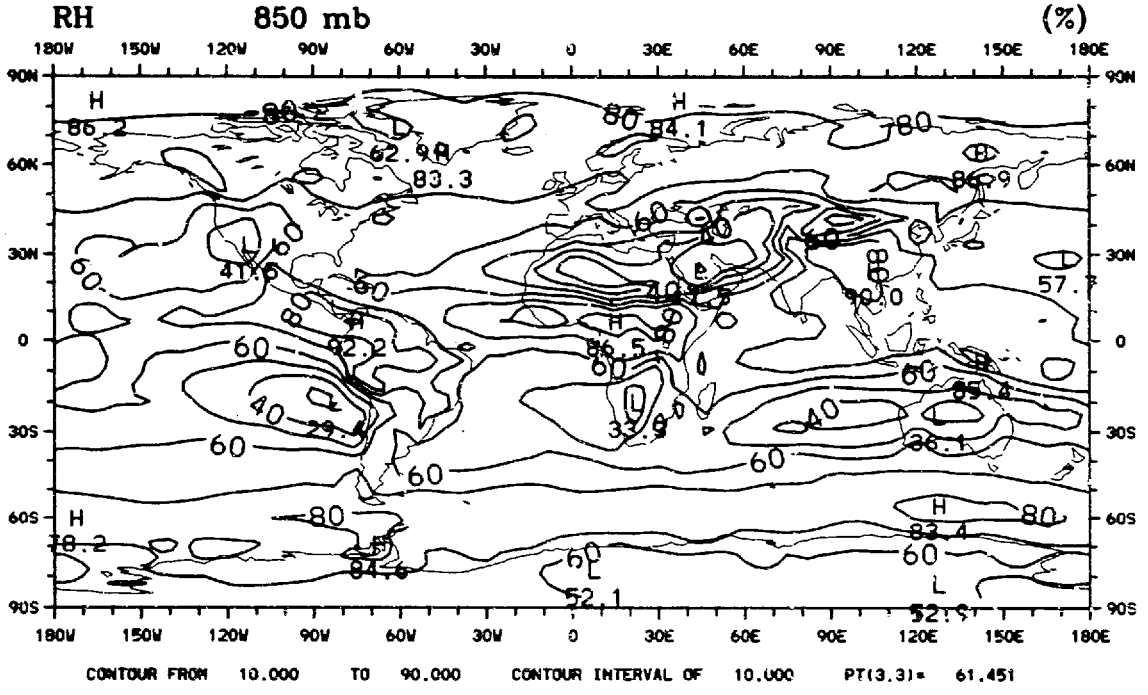
FRAME 1.104

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



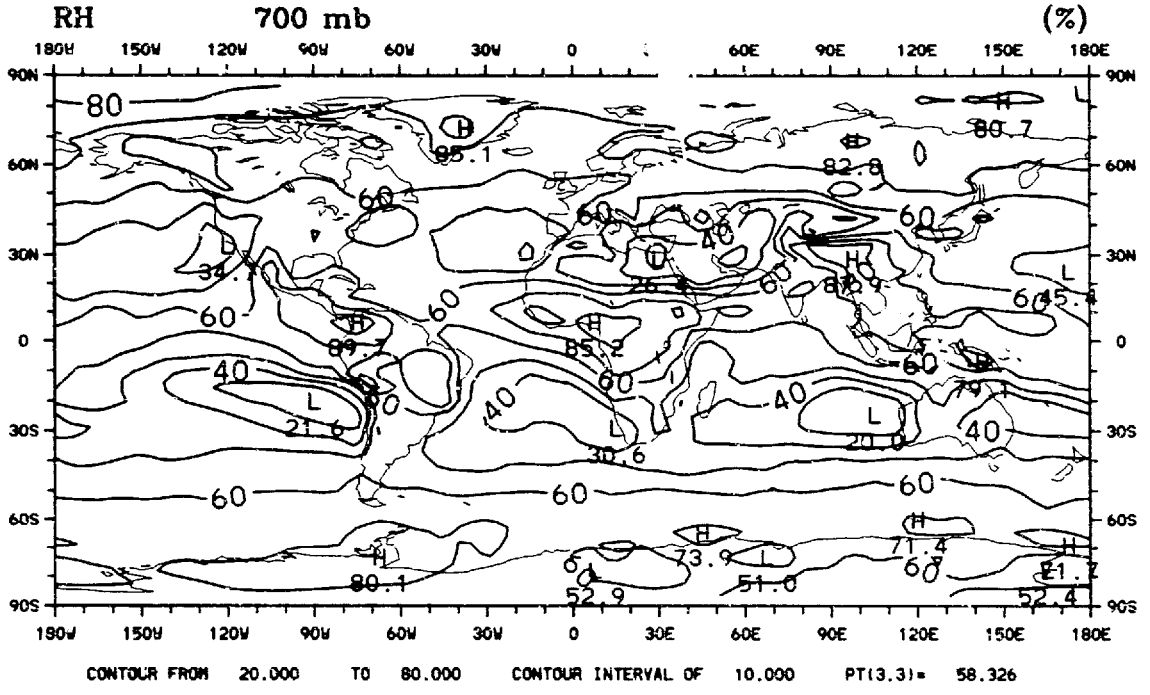

FRAME 1.105

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



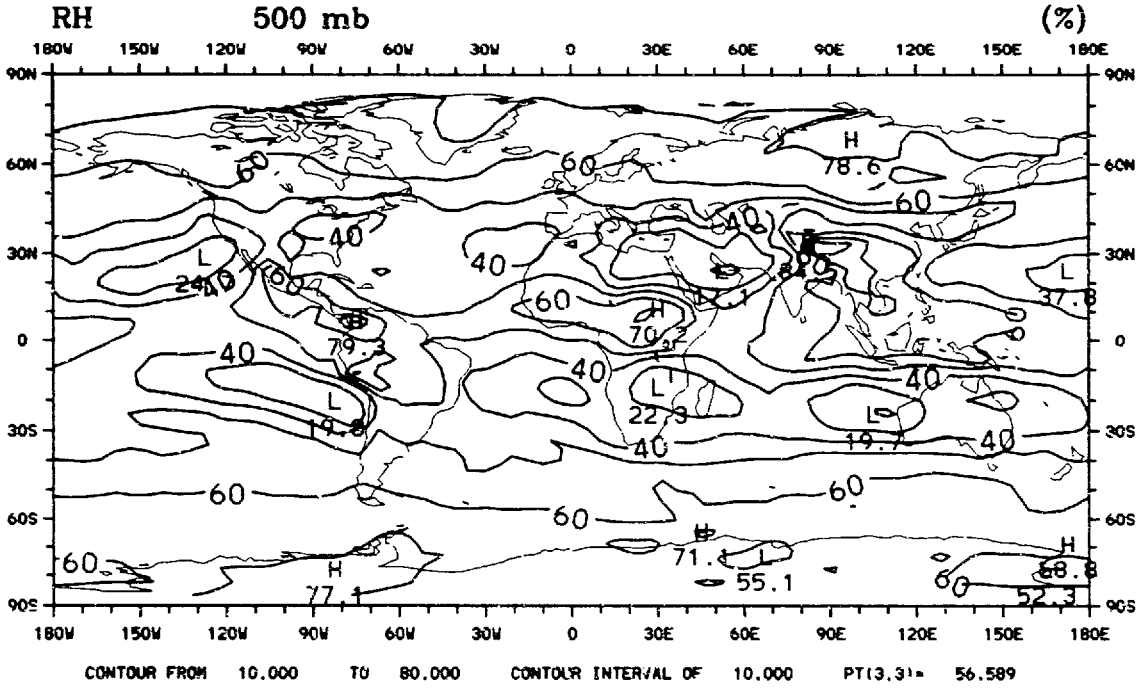

FRAME 1.106

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.107

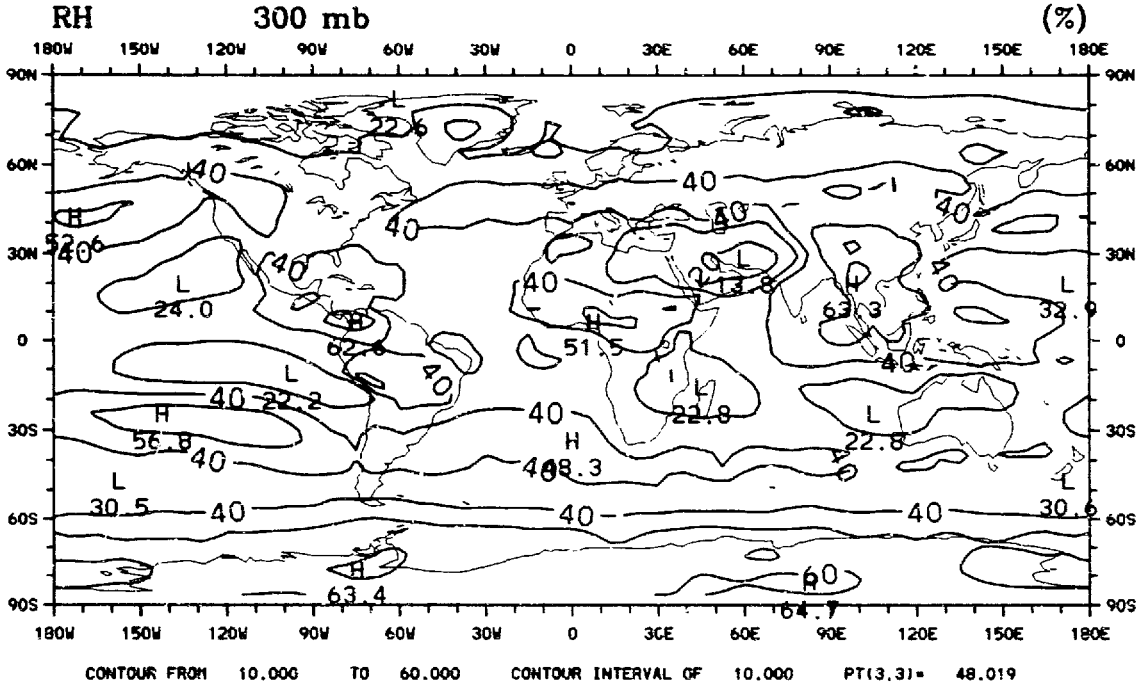
# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 10.000 TO 80.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 56.589

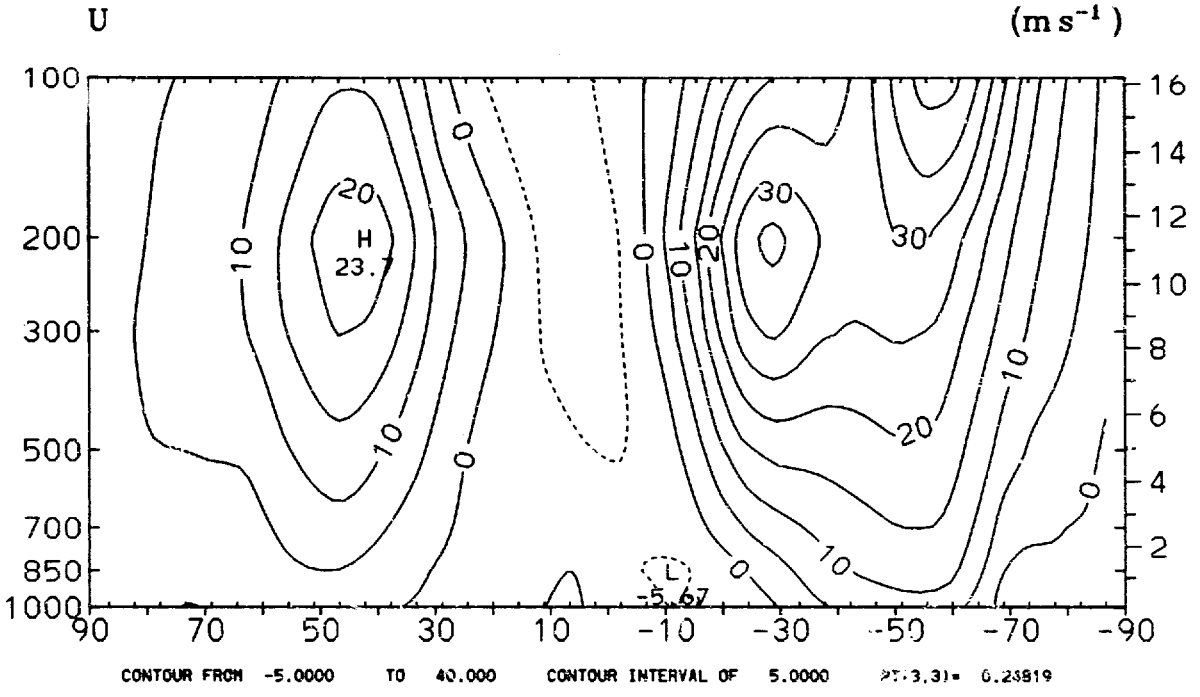
FRAME 1.108

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



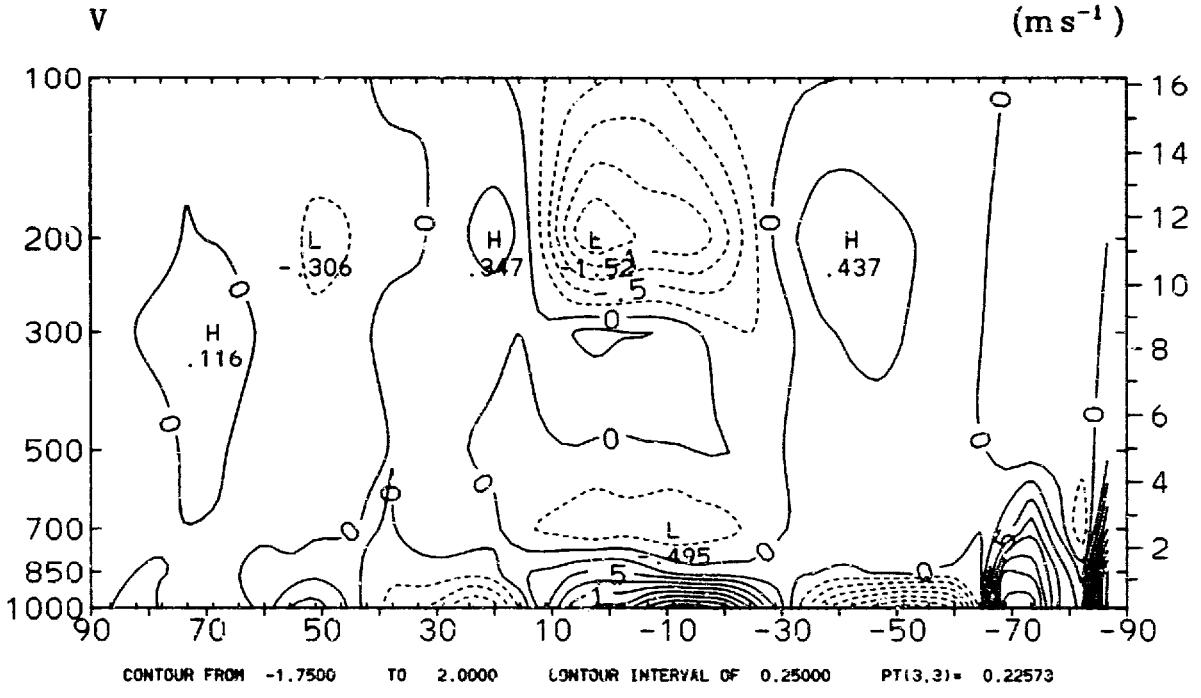

FRAME 1.109

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



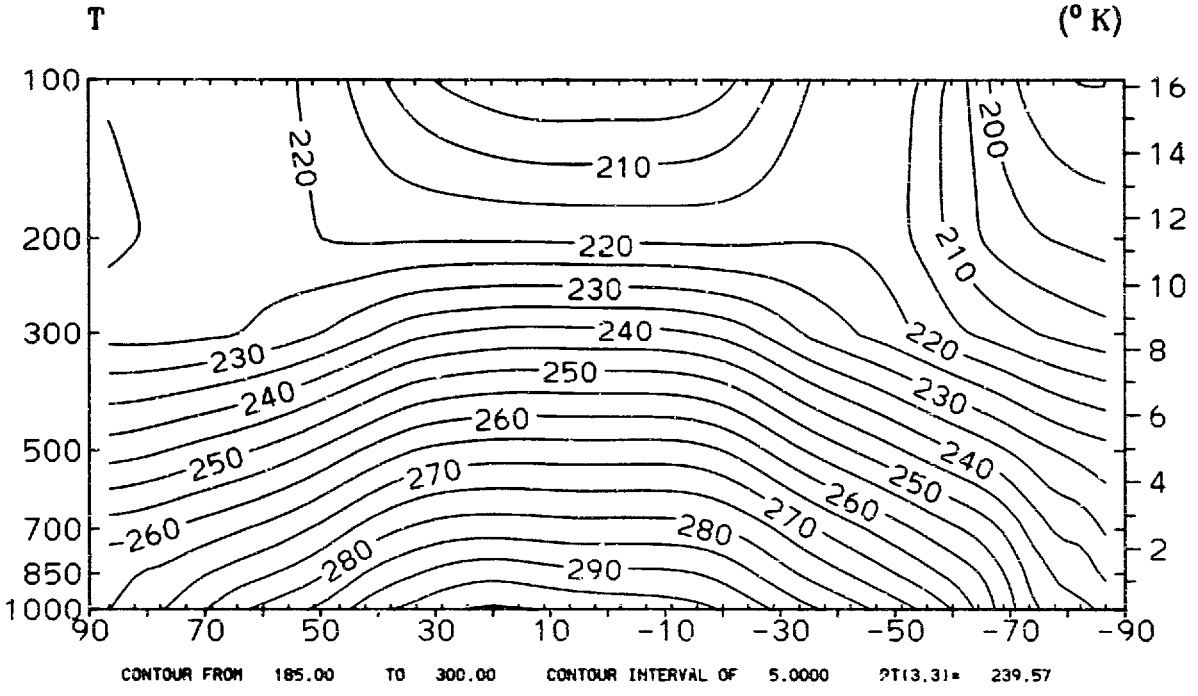

FRAME 1.110

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.111

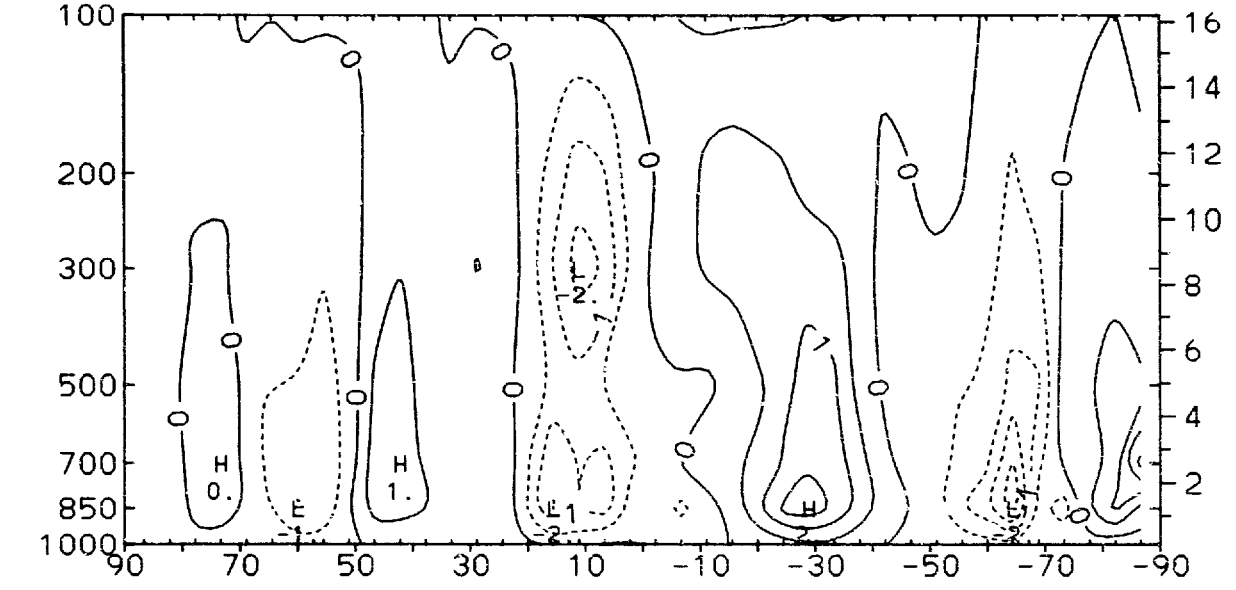
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

OMEGA (mb $s^{-1}$ X $10^4$)

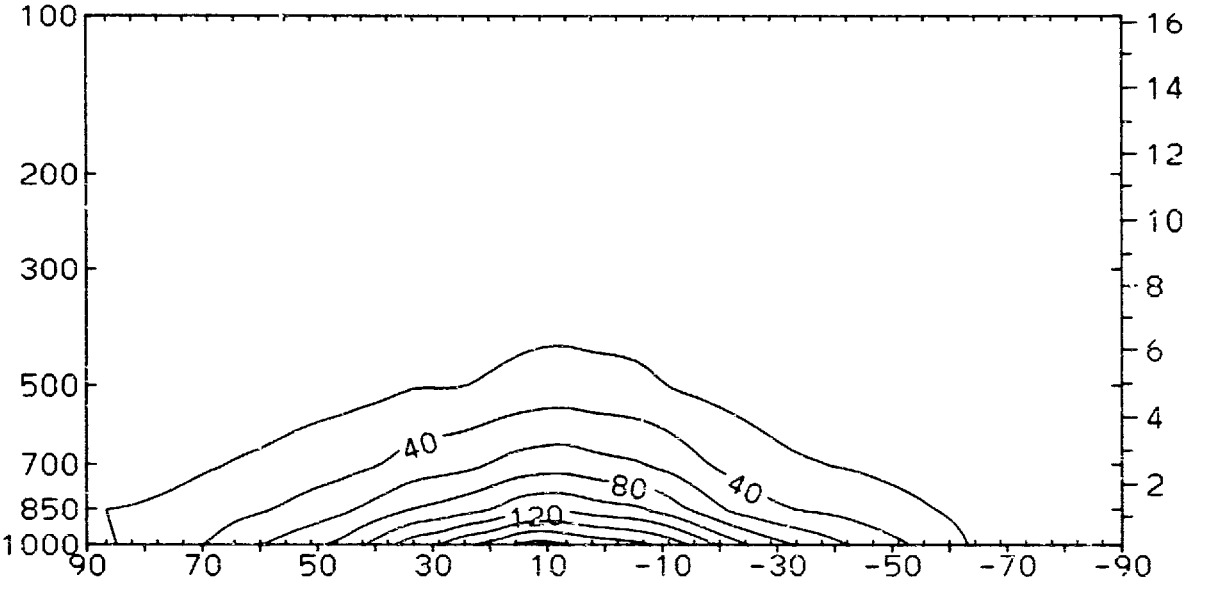



CONTOUR FROM -0.20000E-01 TO 0.20000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.28851E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

Q (g kg$^{-1}$ X 10)

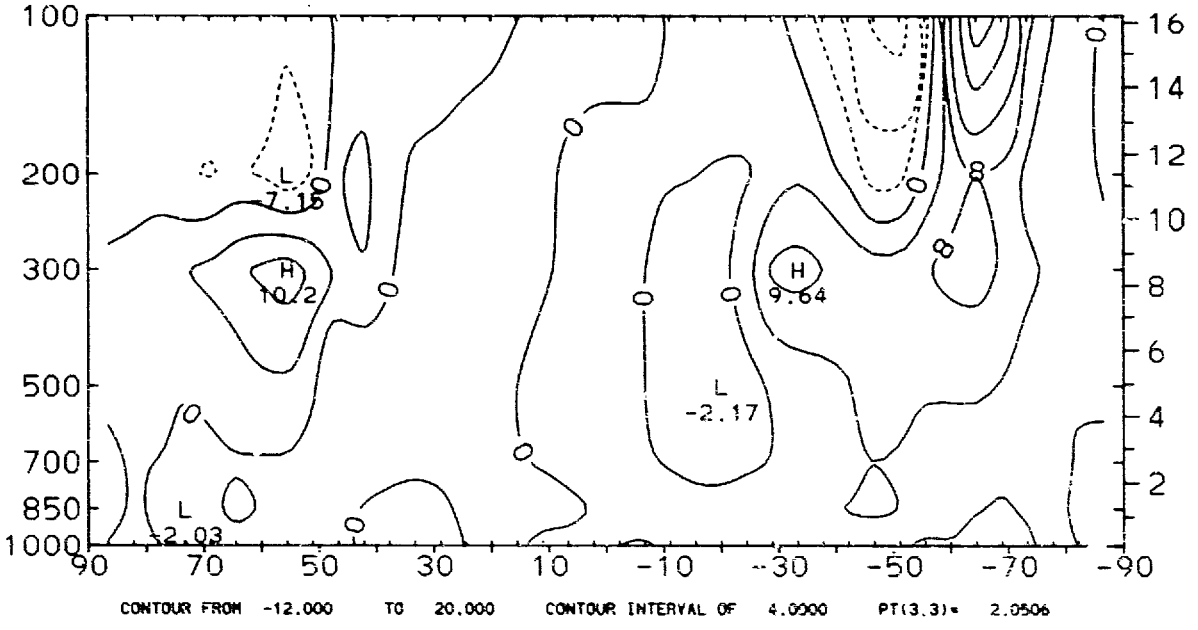



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.30740E-03 LABELS SCALED BY 10000.

FRAME 1.114

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

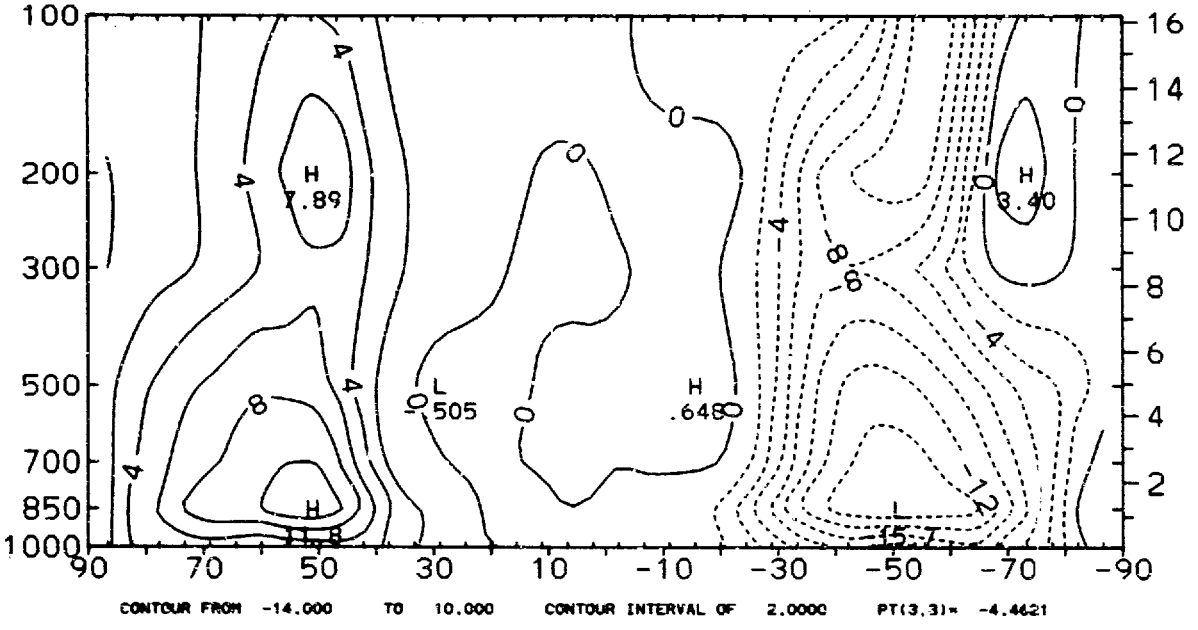
UTP ($^0 K m s^{-1}$)




FRAME 1.115

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

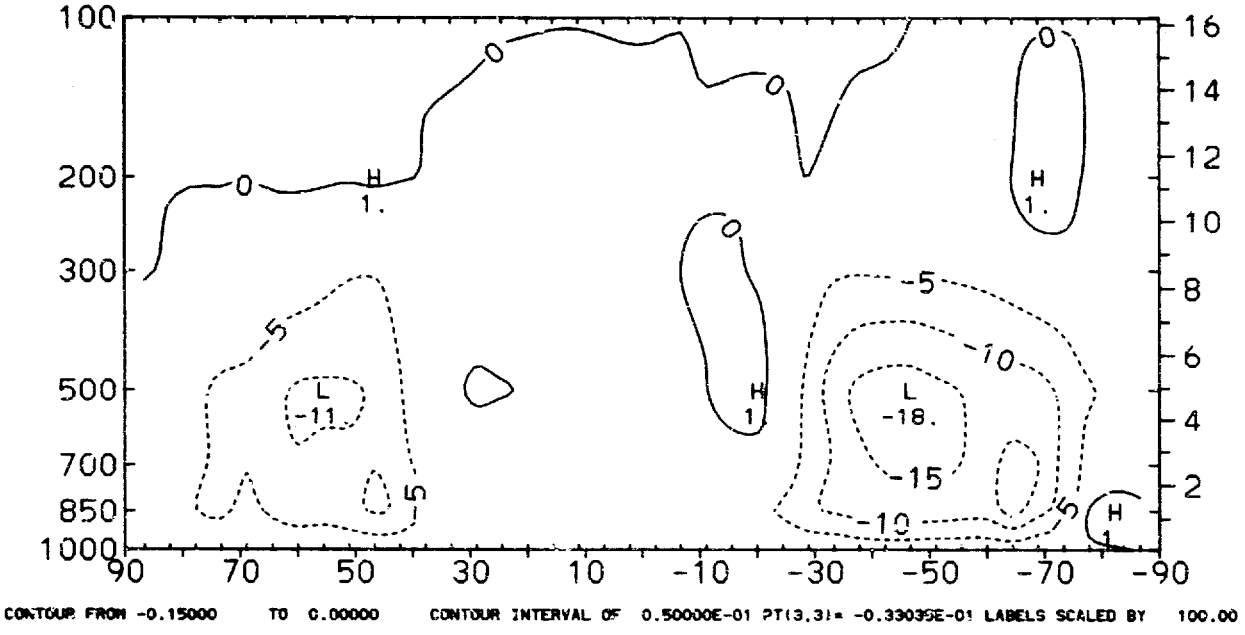
VTP ($^0$K m s$^{-1}$)




FRAME 1.116

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

WTP ($^0$K m b s$^{-1}$ X $10^4$)

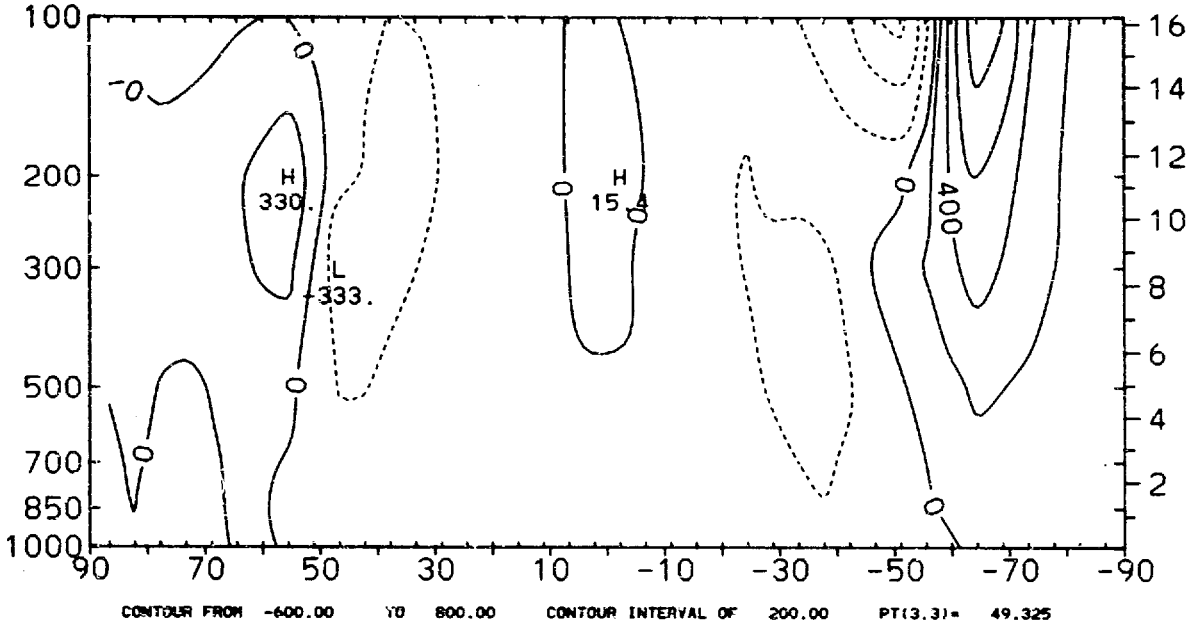



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.33035E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

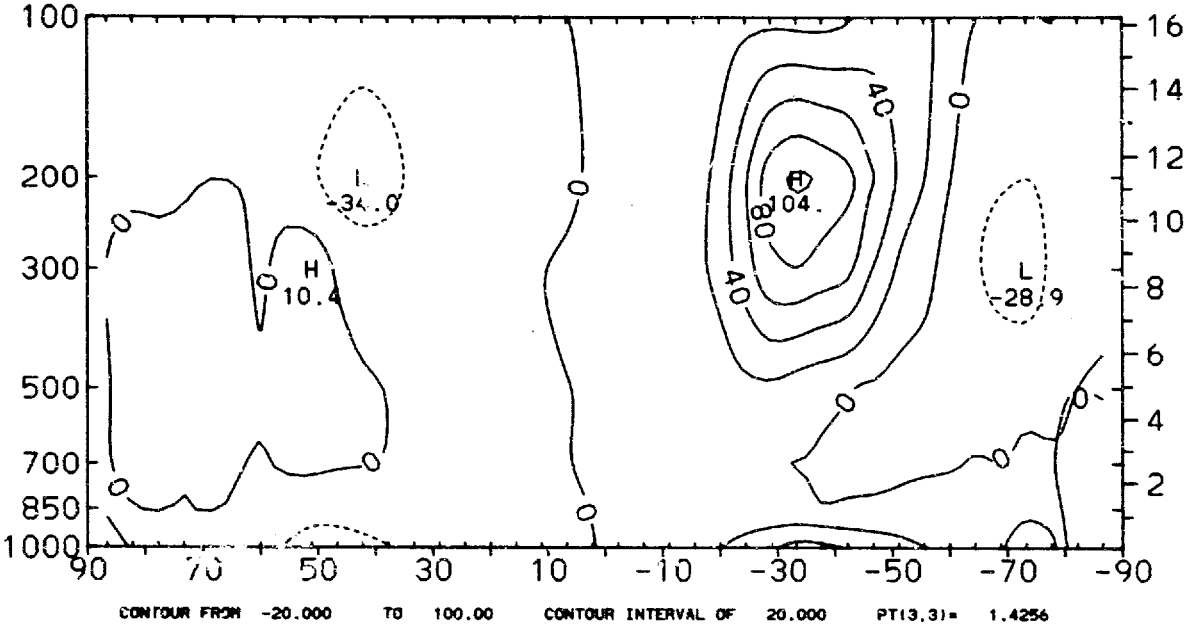
UZP $(m^2 s^{-1})$




FRAME 1.118

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

VZP $(m^2 s^{-1})$

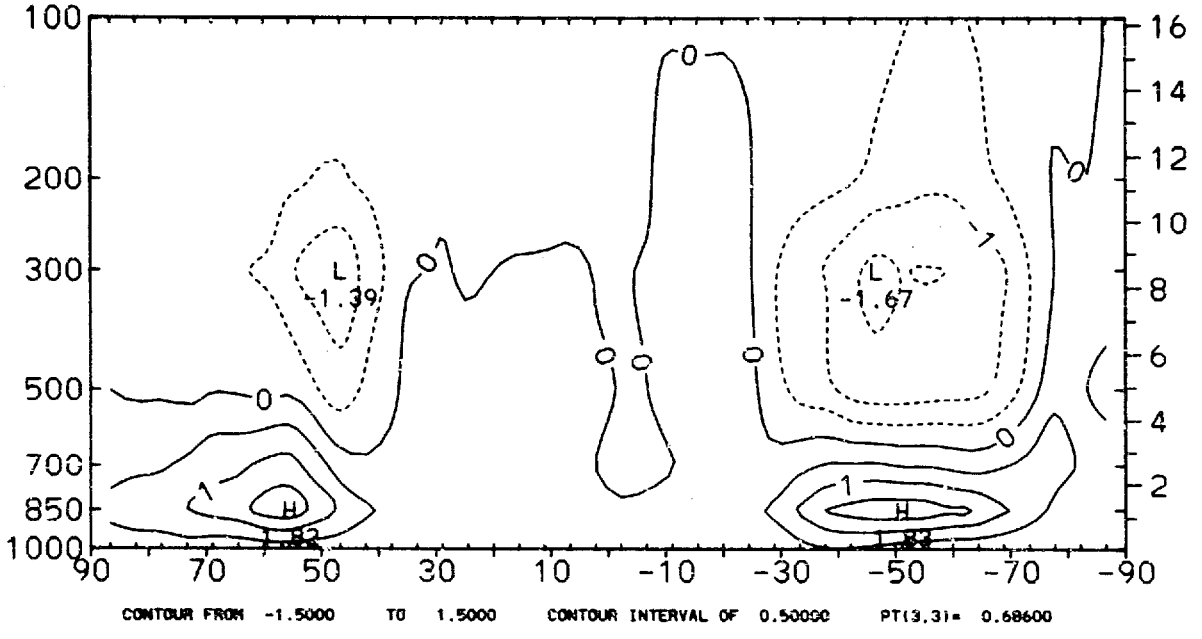



FRAME 1.119

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

WZP

(mb m s$^{-1}$ X 10$^2$)

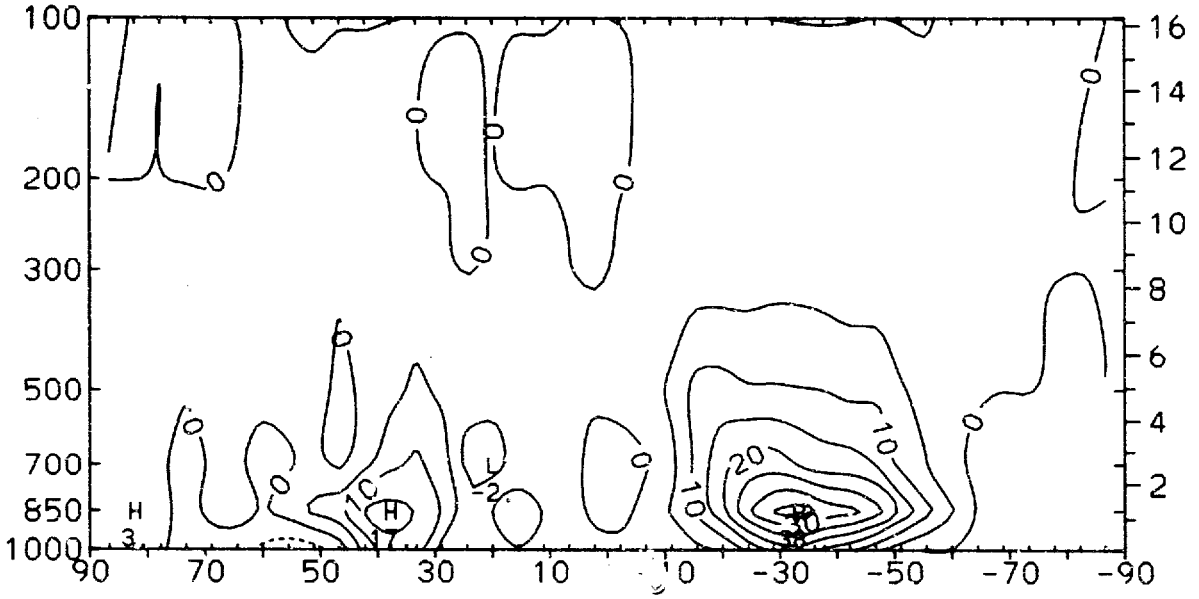



CONTOUR FROM -1.5000 TO 1.5000 CONTOUR INTERVAL OF 0.50000 PT(3,3)= 0.68600

FRAME 1.120

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

UQP ((g kg$^{-1}$ )m s$^{-1}$ X 10)

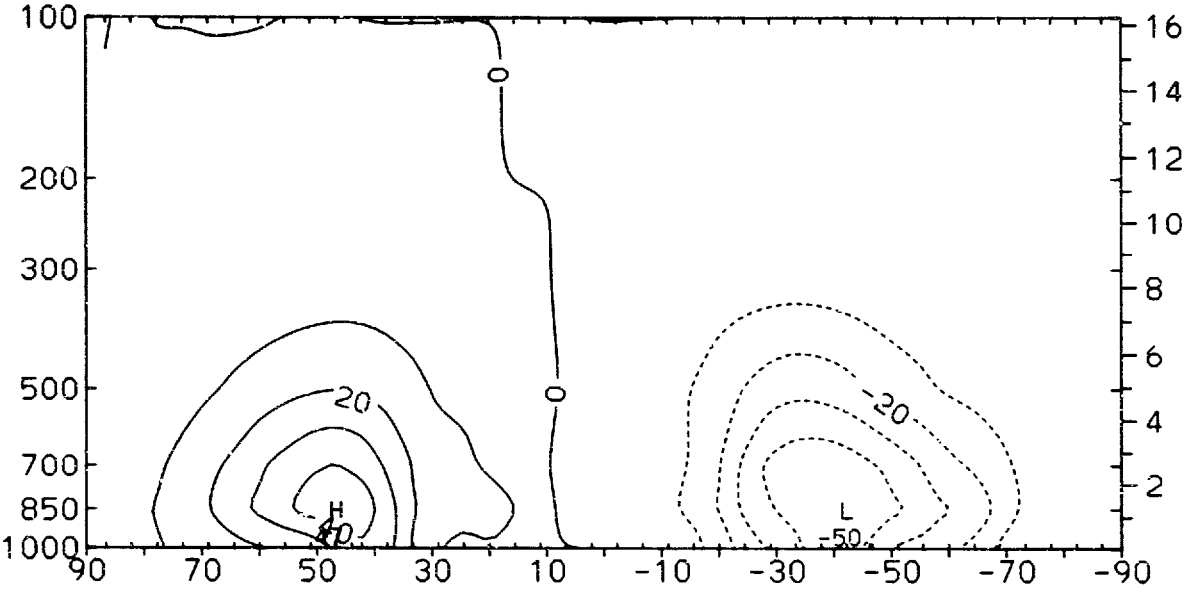



CONTOUR FROM -0.53000E-03 TO 0.35000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.78203E-04 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

VQP $((g\,kg^{-1})m\,s^{-1}$ X 10)

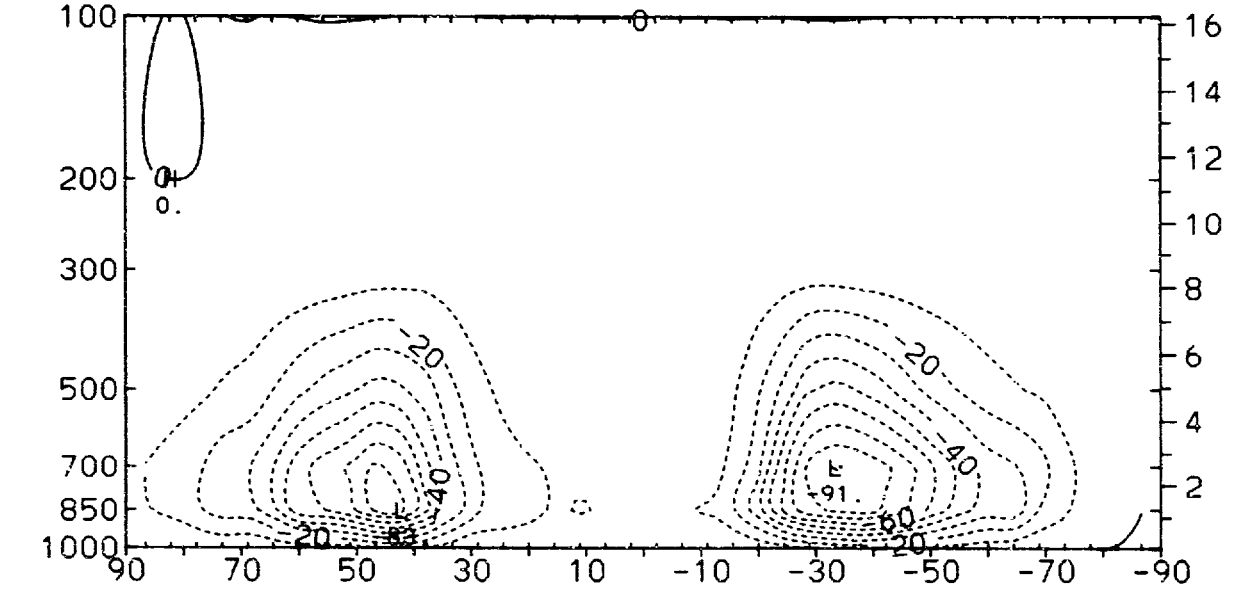



CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.33574E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

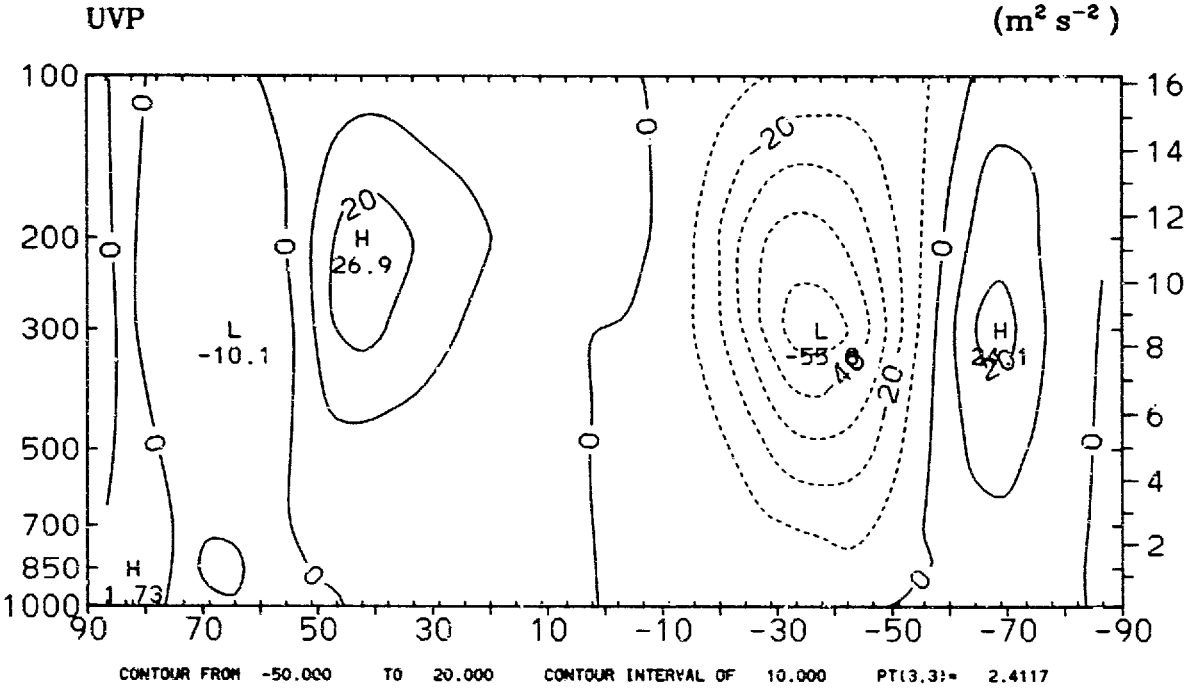
WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$




CONTOUR FROM -0.90000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.54521E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

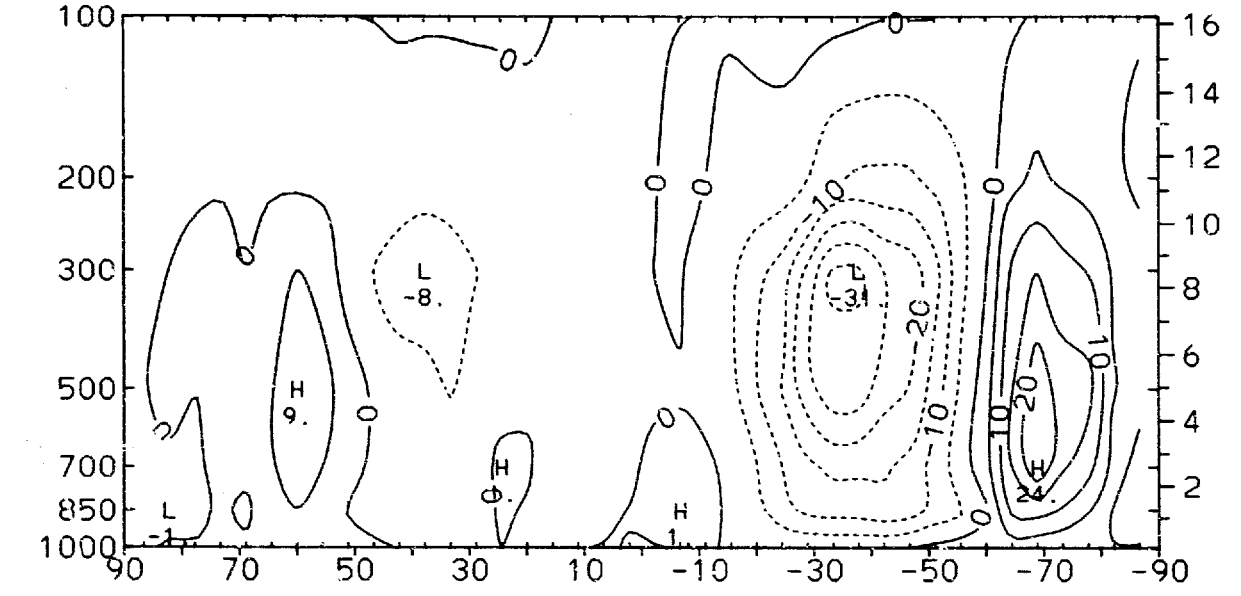
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.124

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

UWP (mb m s$^{-2}$ X 10$^{4}$)

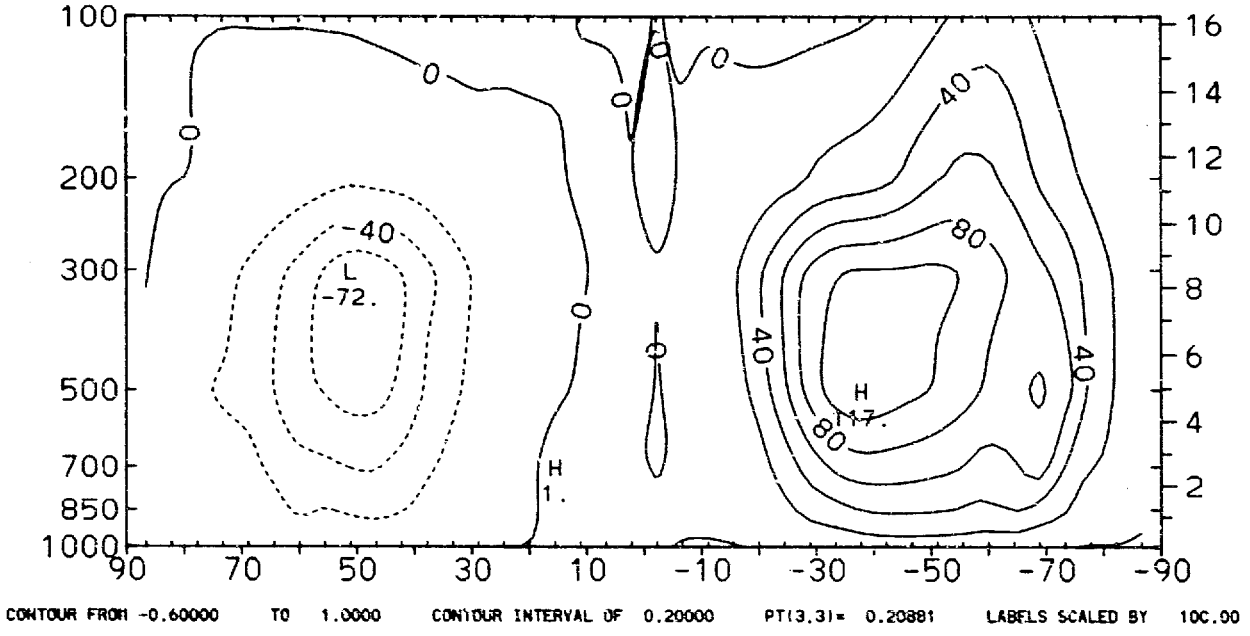



CONTOUR FROM -0.30000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT:3,3:= 0.11738 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

VWP ($mb\,m\,s^{-2}$ X $10^4$)

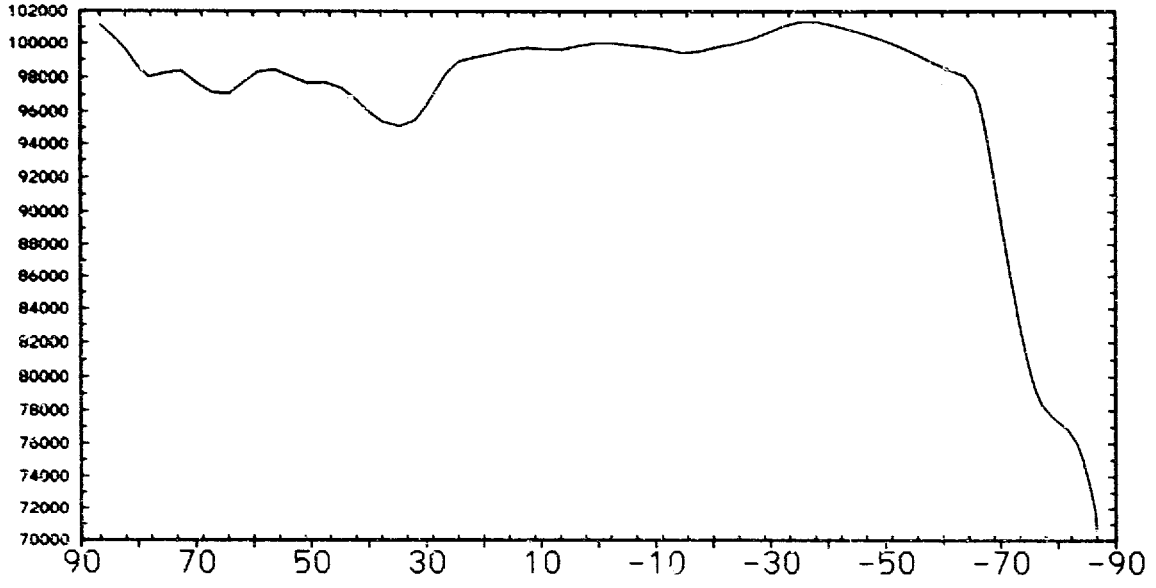



CONTOUR FROM -0.60000 TO 1.0000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.20881 LABELS SCALED BY 10C.00

FRAME 1.126

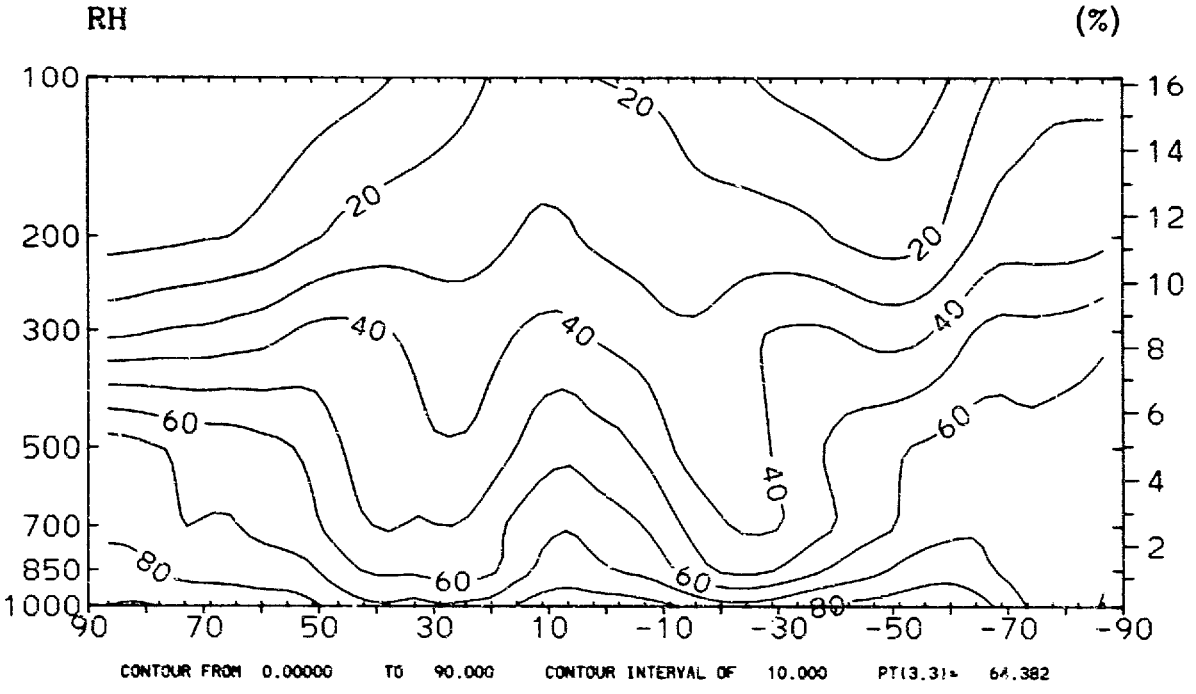
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

PS (mb X $10^2$)



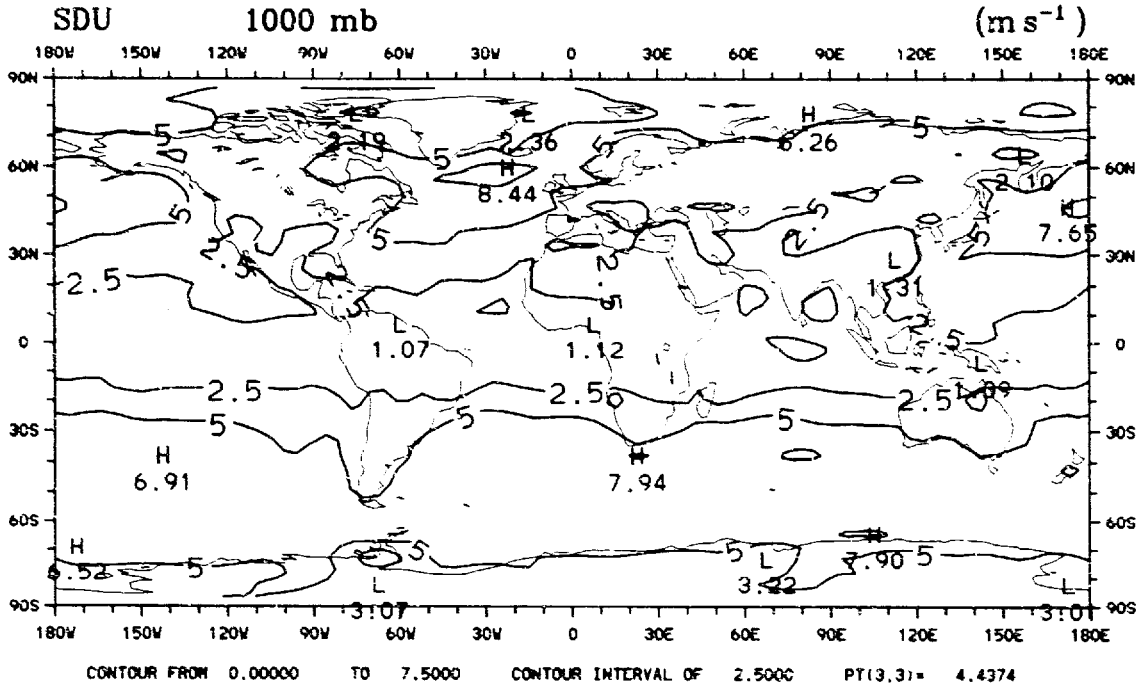

FRAME 1.127

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



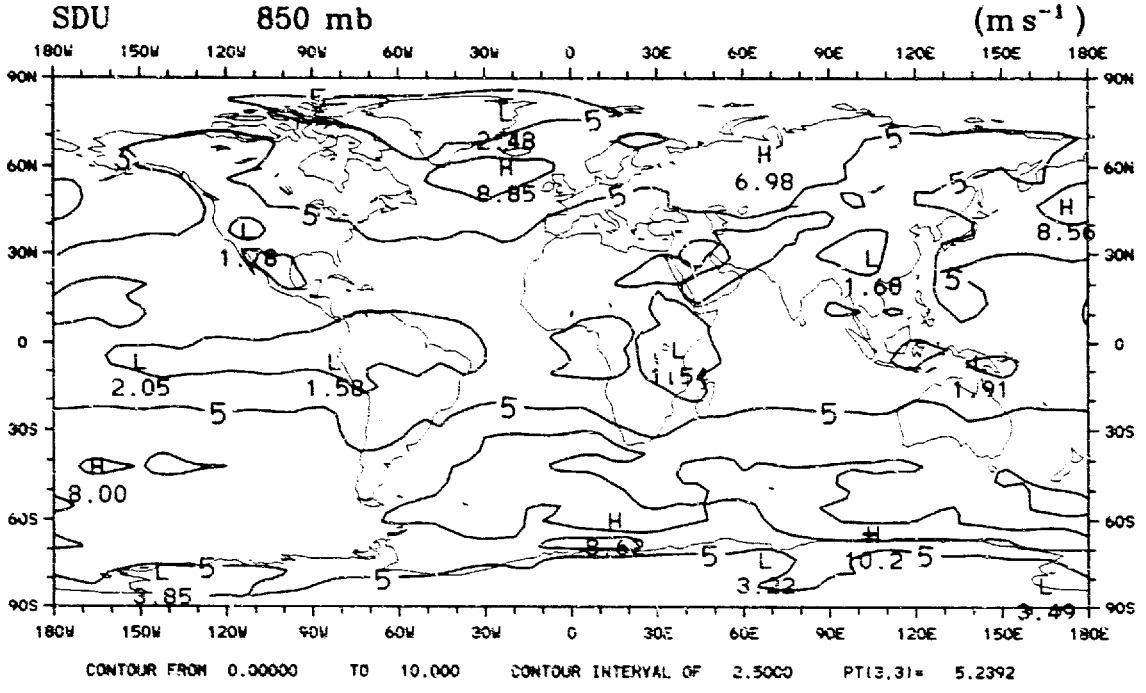

FRAME 1.128

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



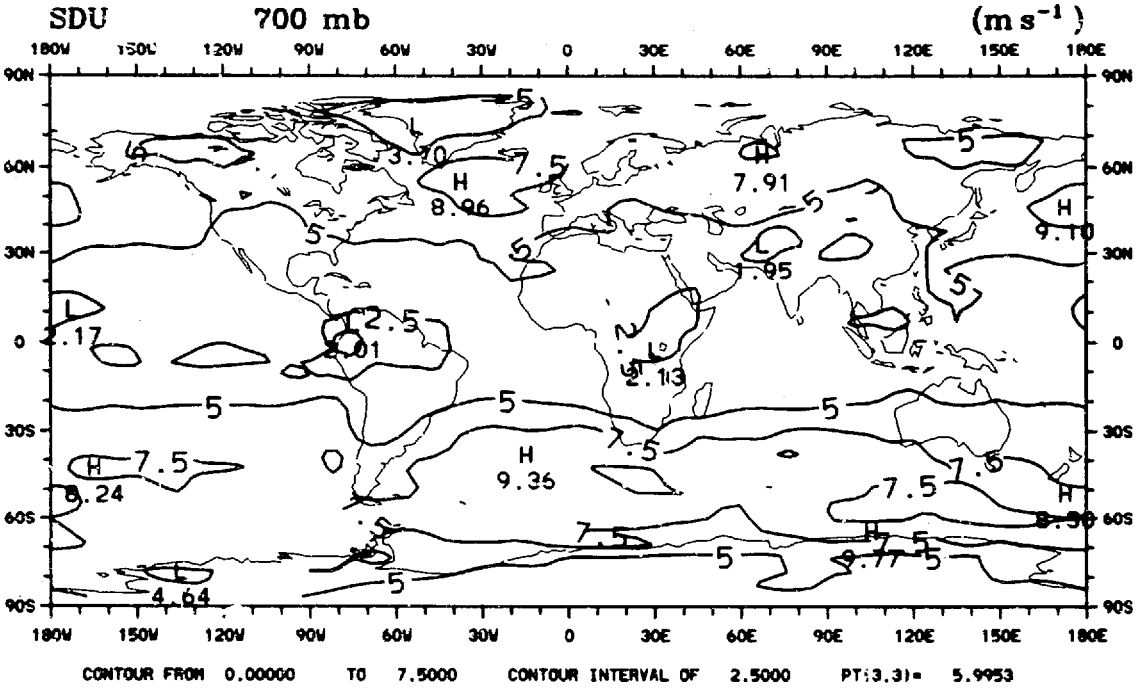

FRAME 2.1

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



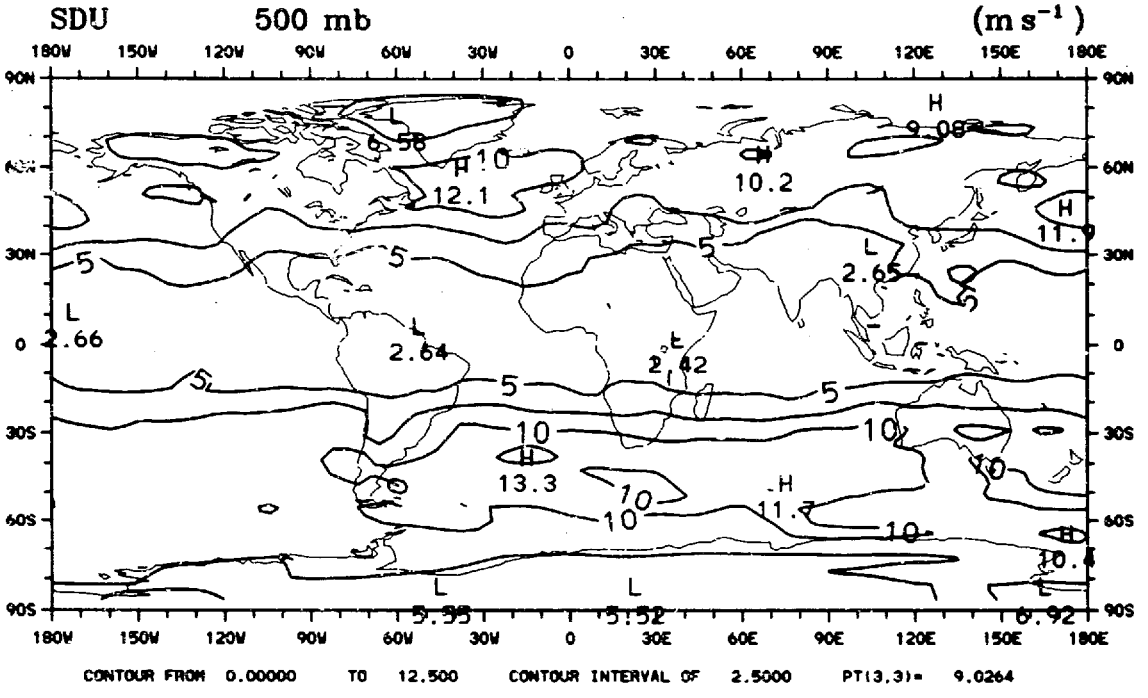

FRAME 2.2

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



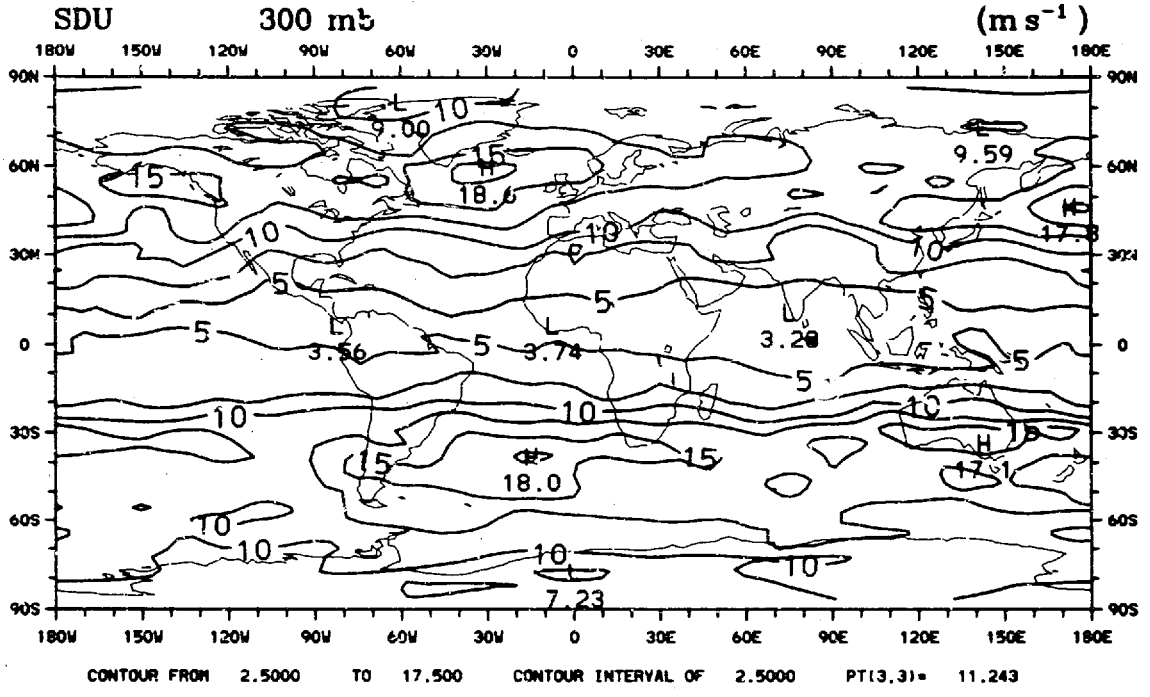

FRAME 2.3

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



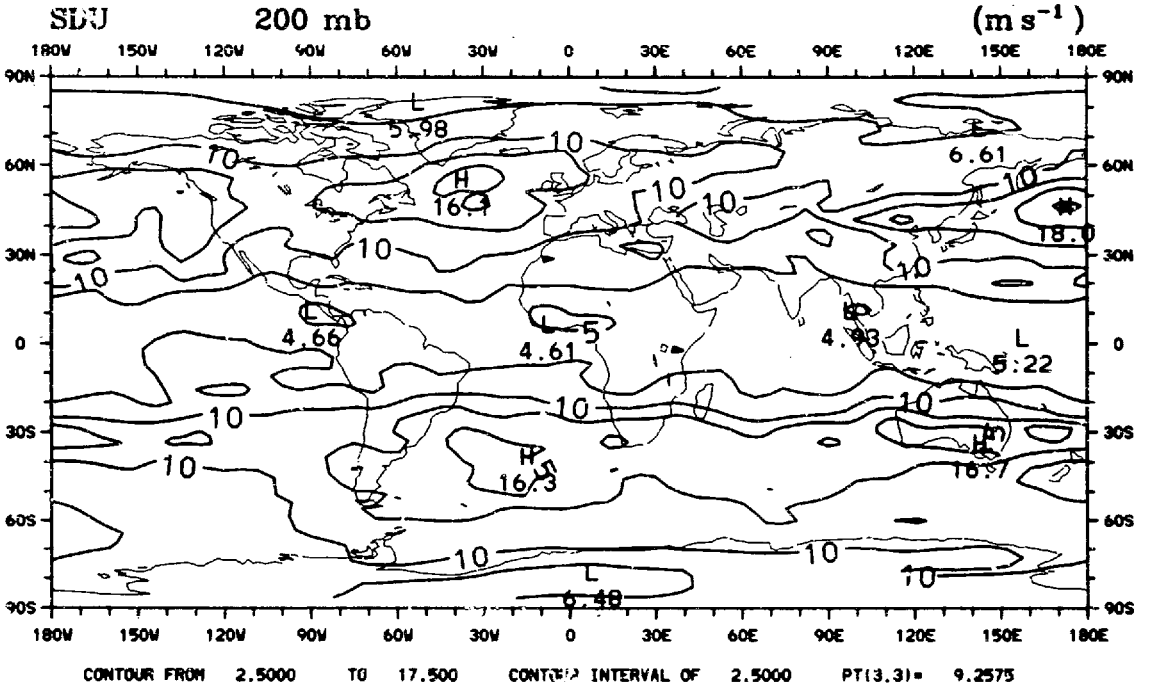

FRAME 2.4

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



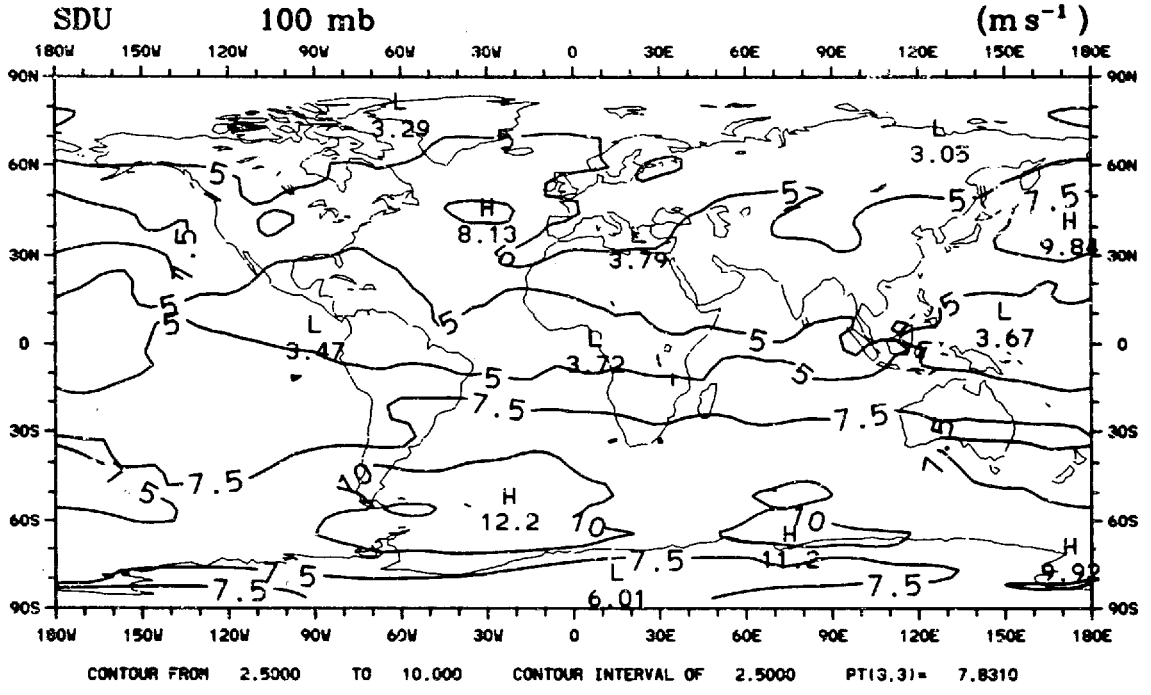

FRAME 2.5

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



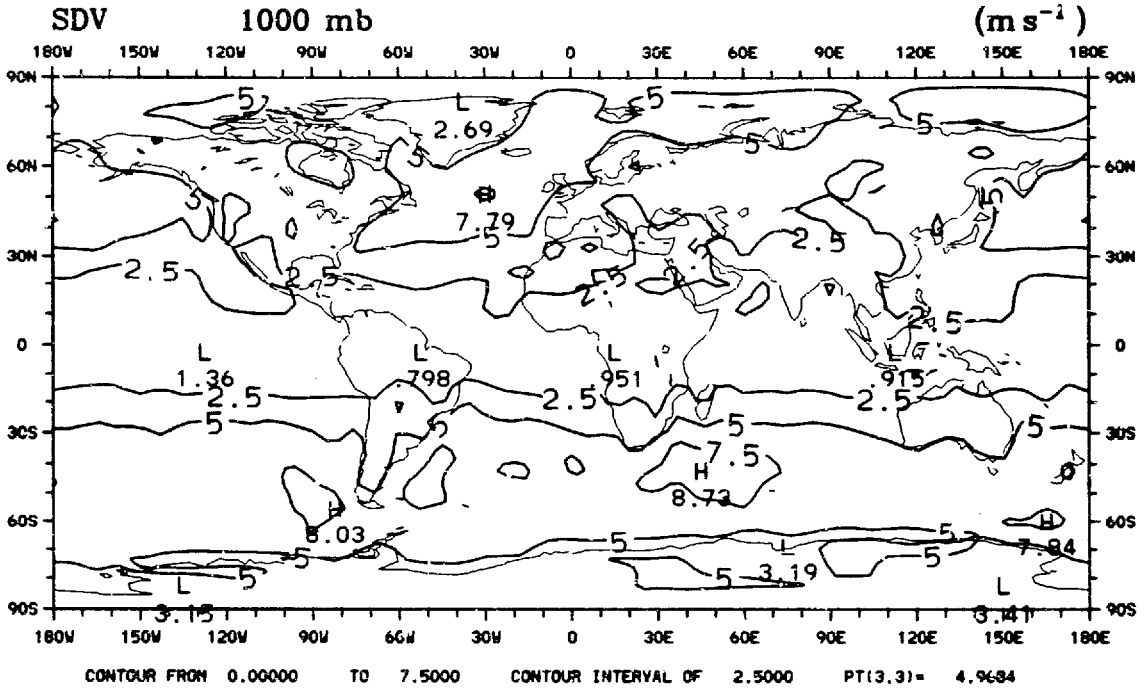

FRAME 2.6

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



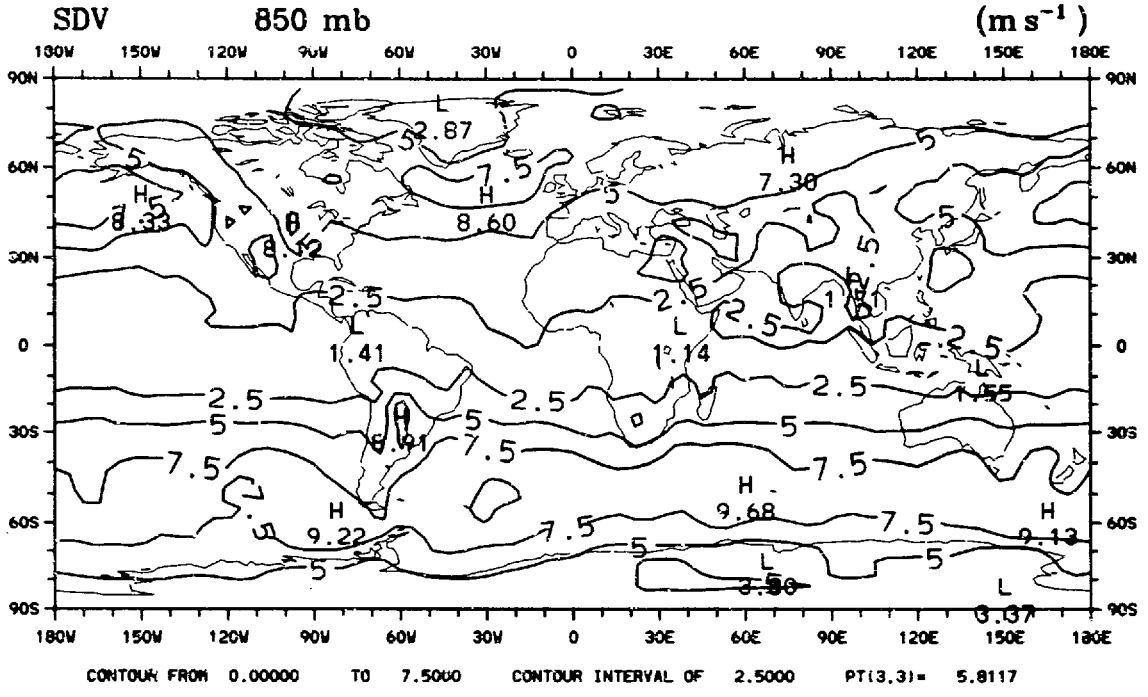

FRAME 2.7

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



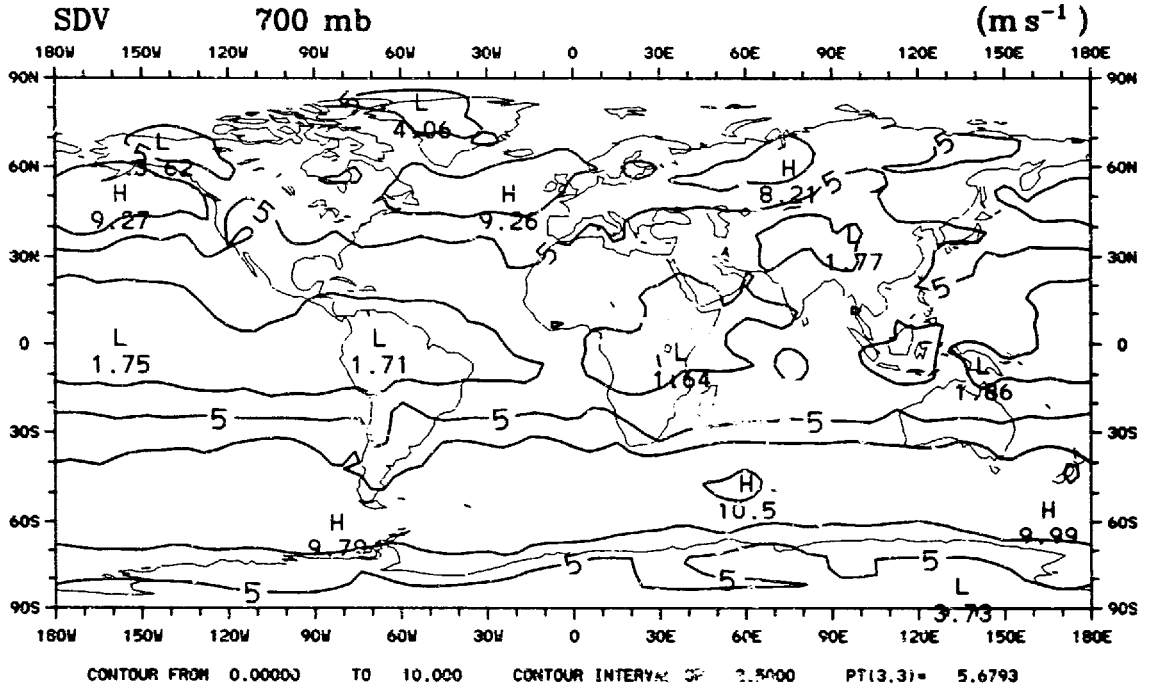

FRAME 2.0

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



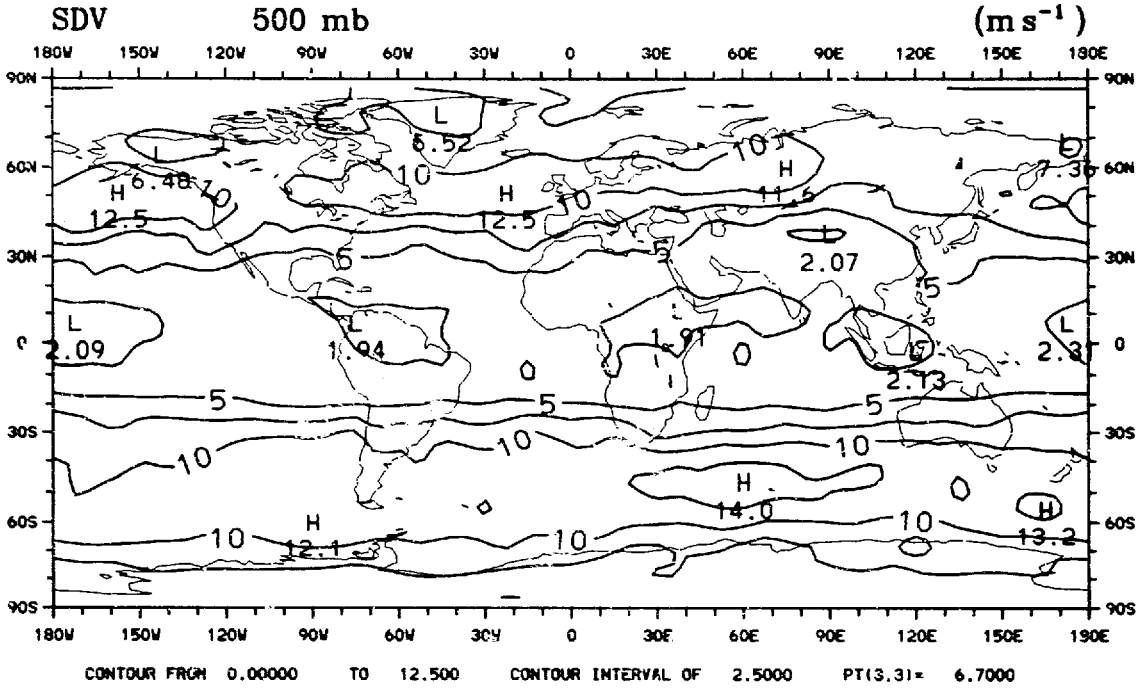

FRAME 2.9

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



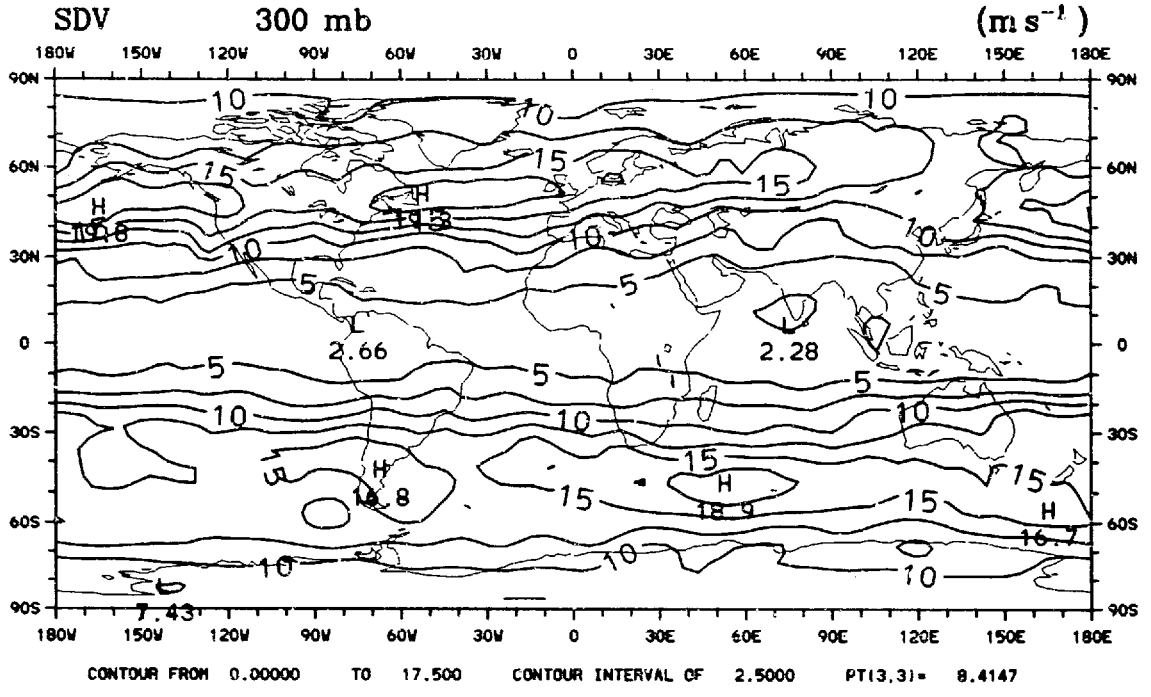

FRAME 2.10

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



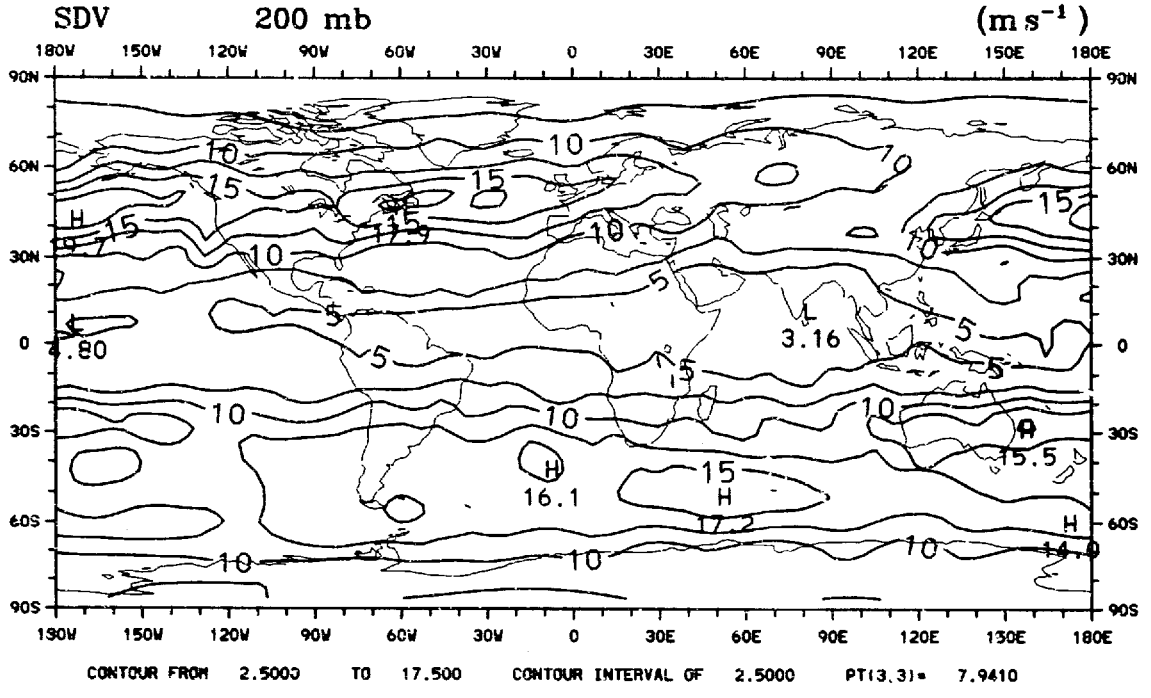

FRAME 2.11

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)



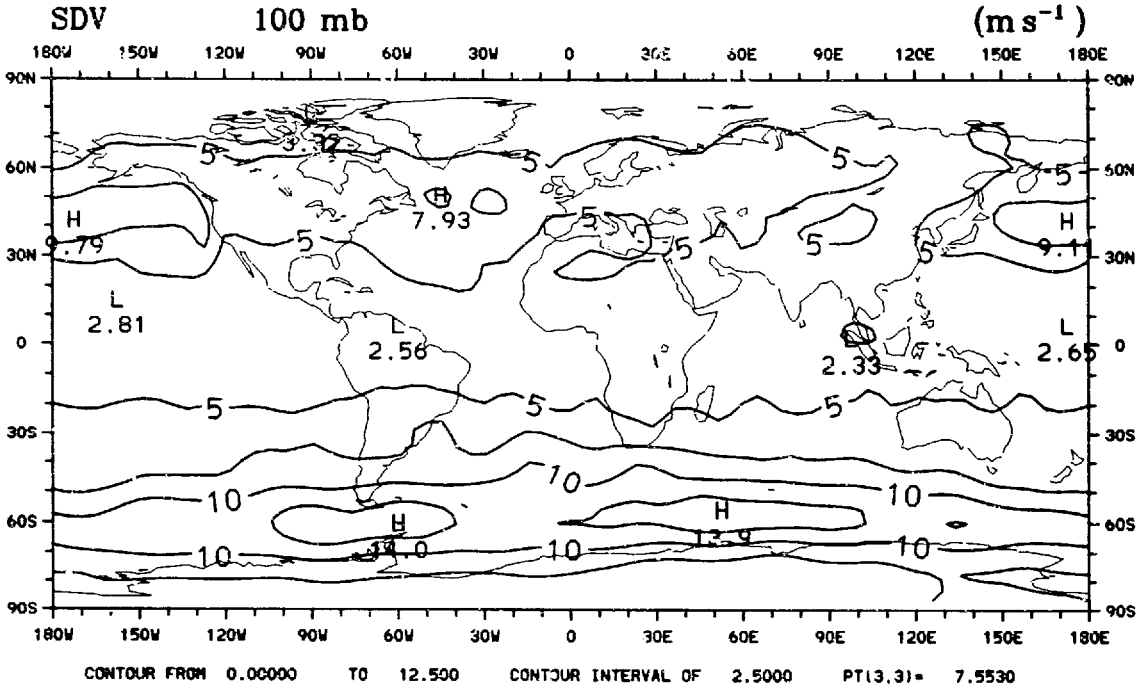

FRAME 2.12

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



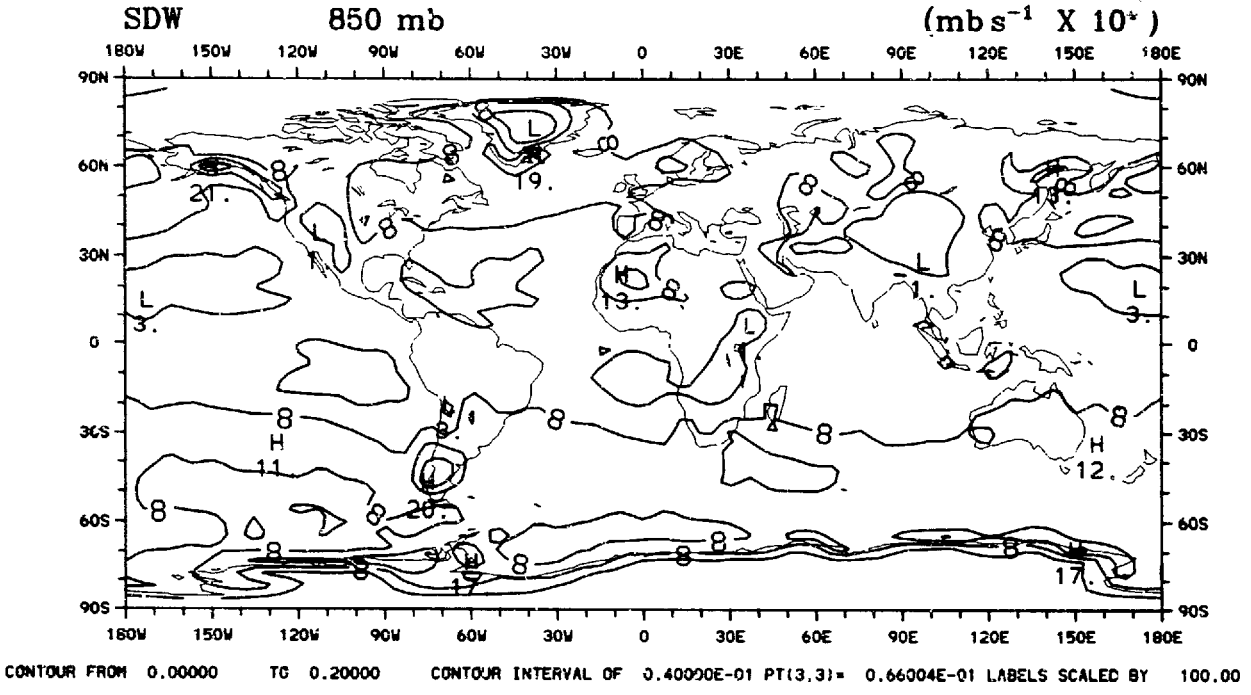

FRAME 2.13

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.14

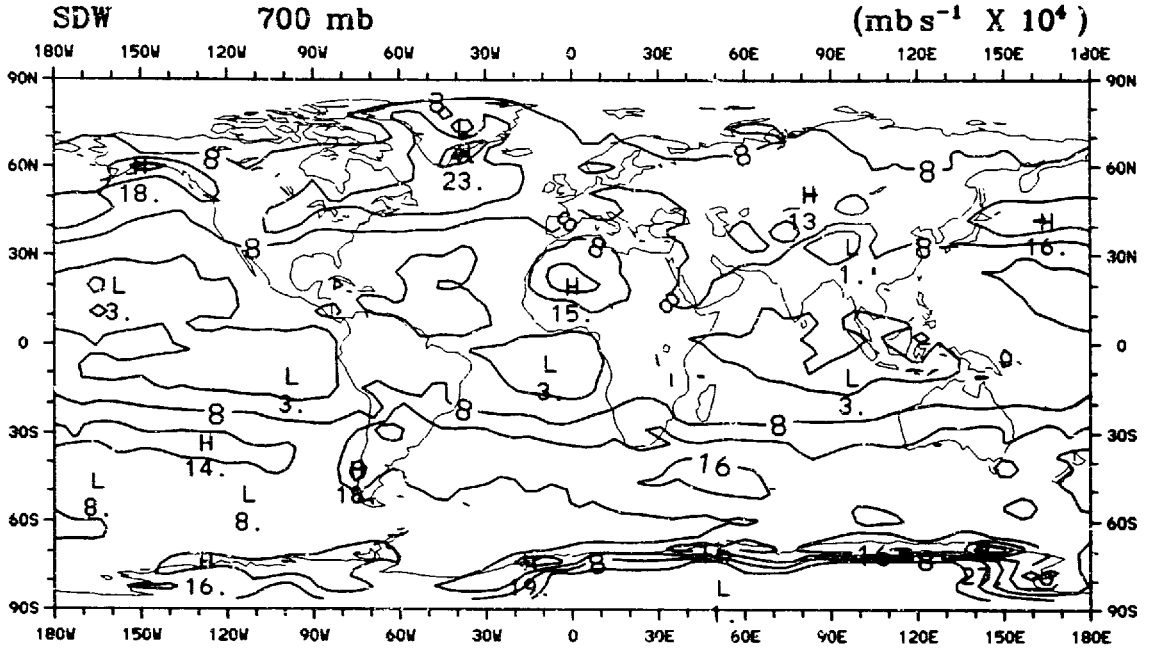
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.66004E-01 LABELS SCALED BY 100.00

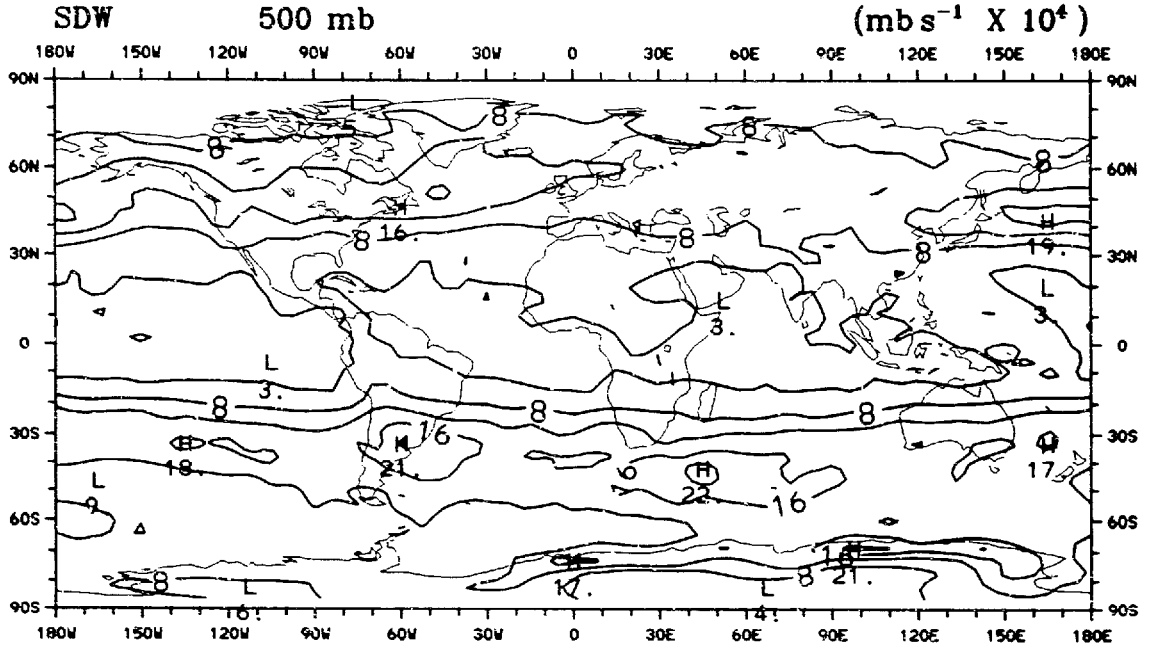
FRAME 2.15

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.16

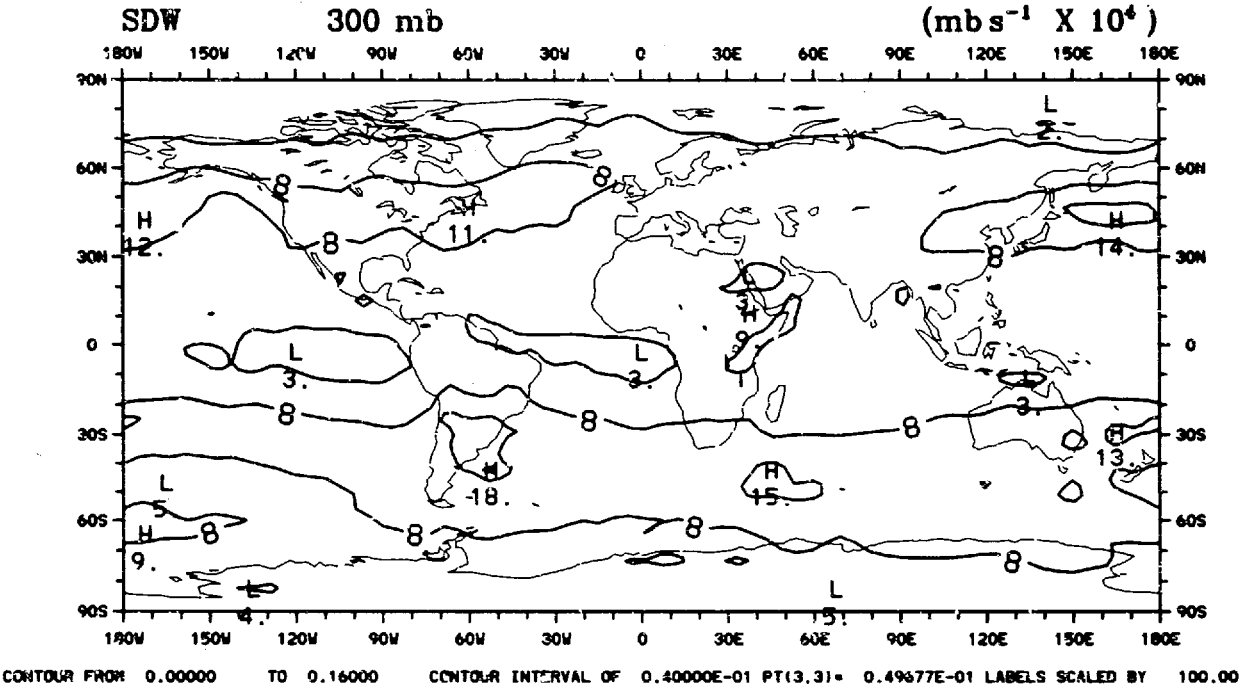
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.84960E-01 LABELS SCALED BY 100.00

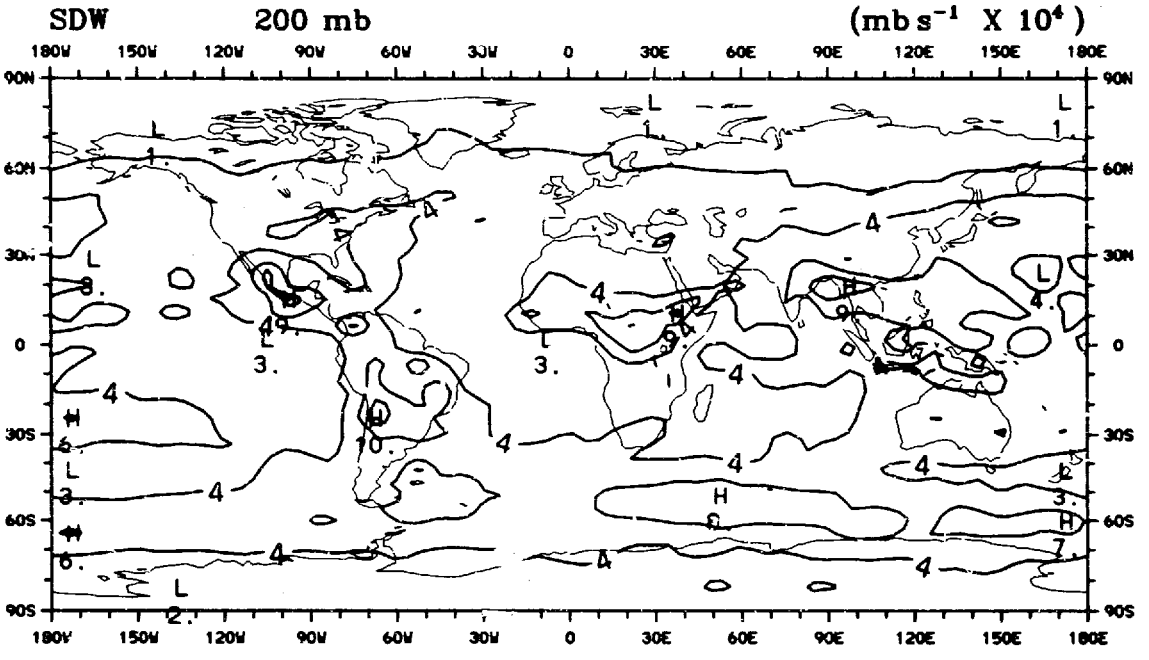
FRAME 2.17

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.18

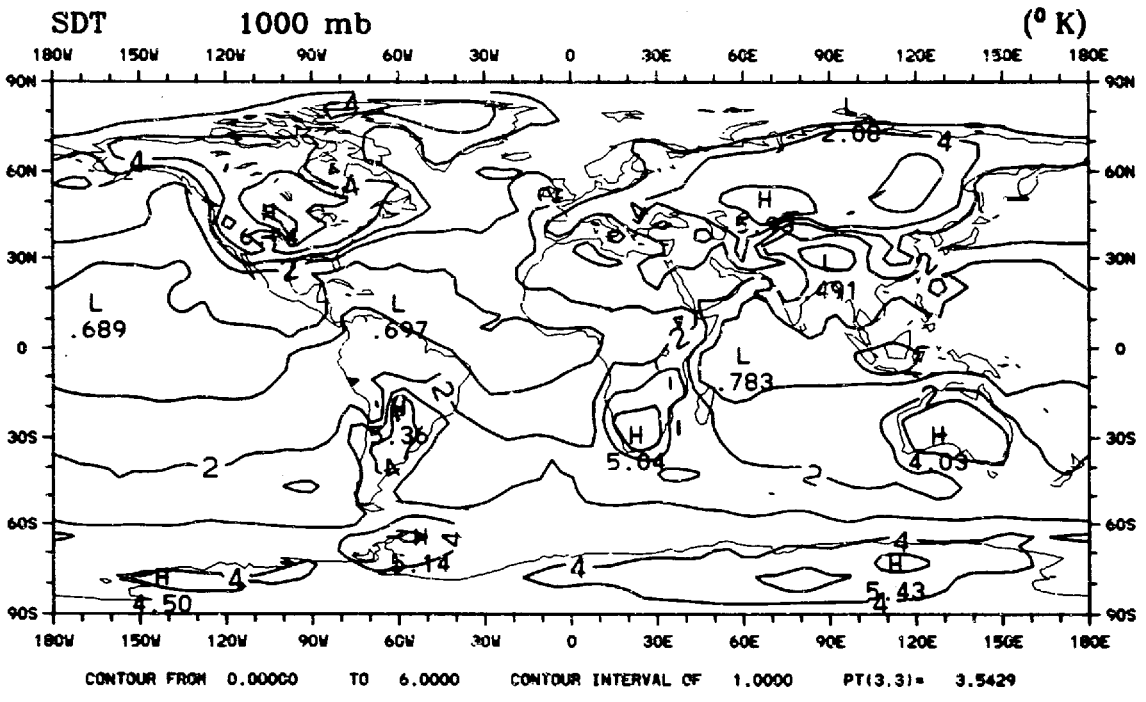
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



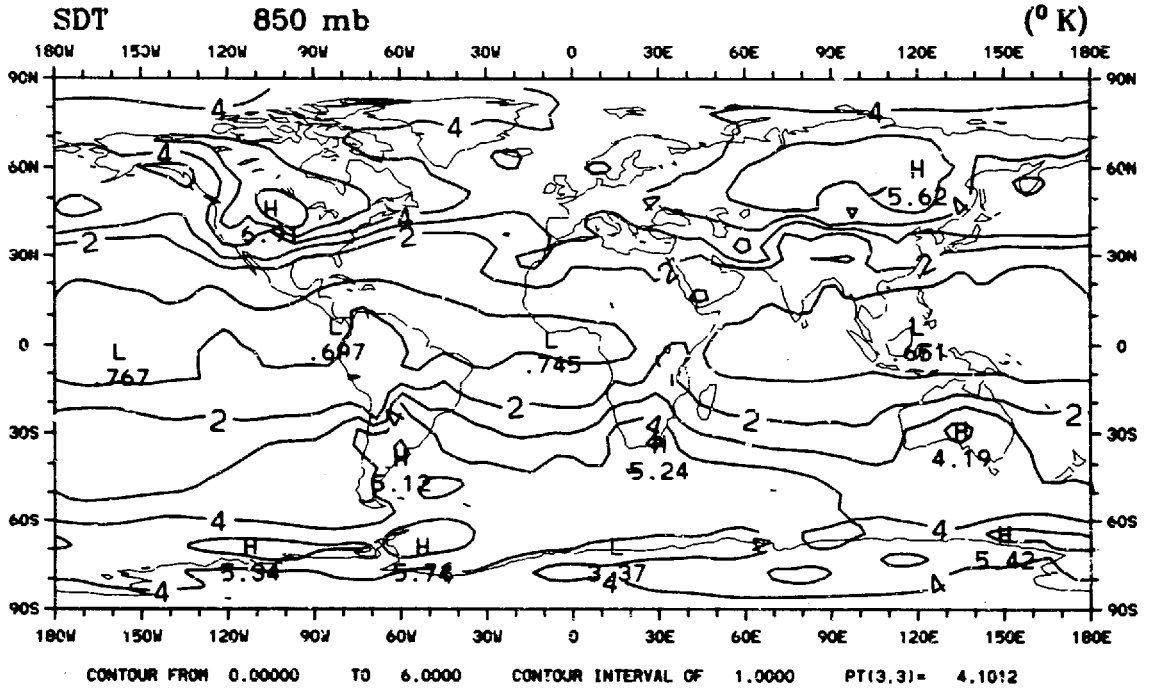

CONTOUR FROM 0.00000 TO 0.80000E-01 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.28490E-01 LABELS SCALED BY 100.00

FRAME 2.19

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

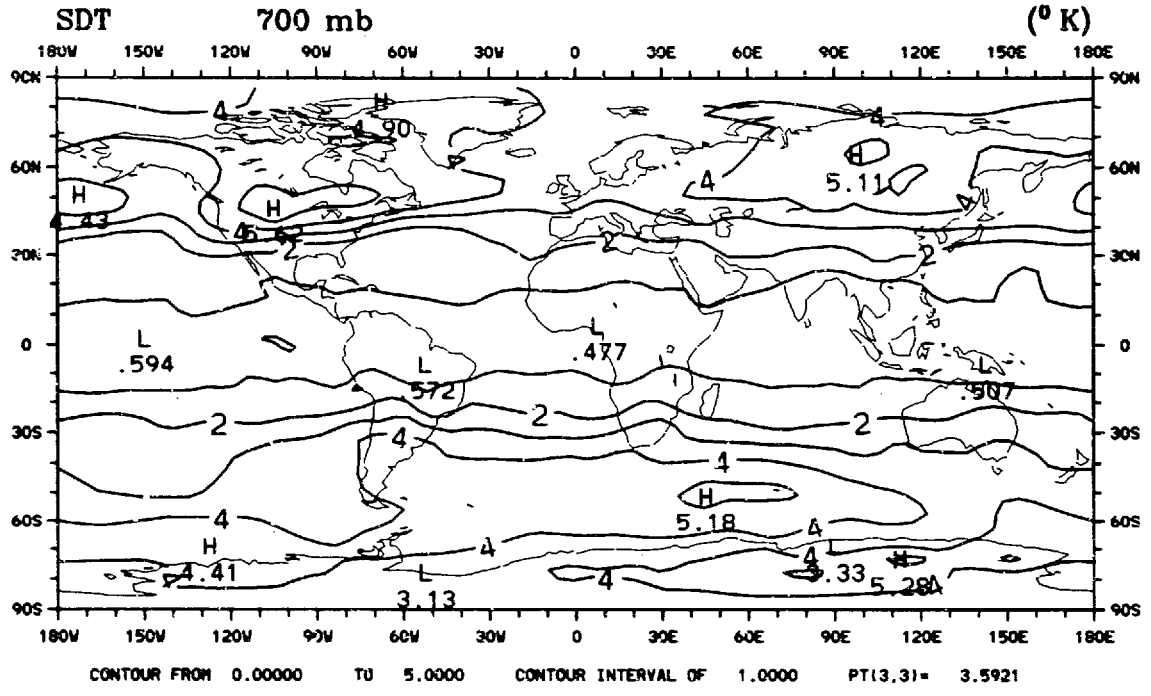



FRAME 2.20


EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)
SDT
850 mb
(0 K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
5.62
5.94
5.74
5.12
5.24
4.19
5.42
L
.767
.697
.745
.651
3.37
CONTOUR FROM 0.00000 TO 6.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 4.1012

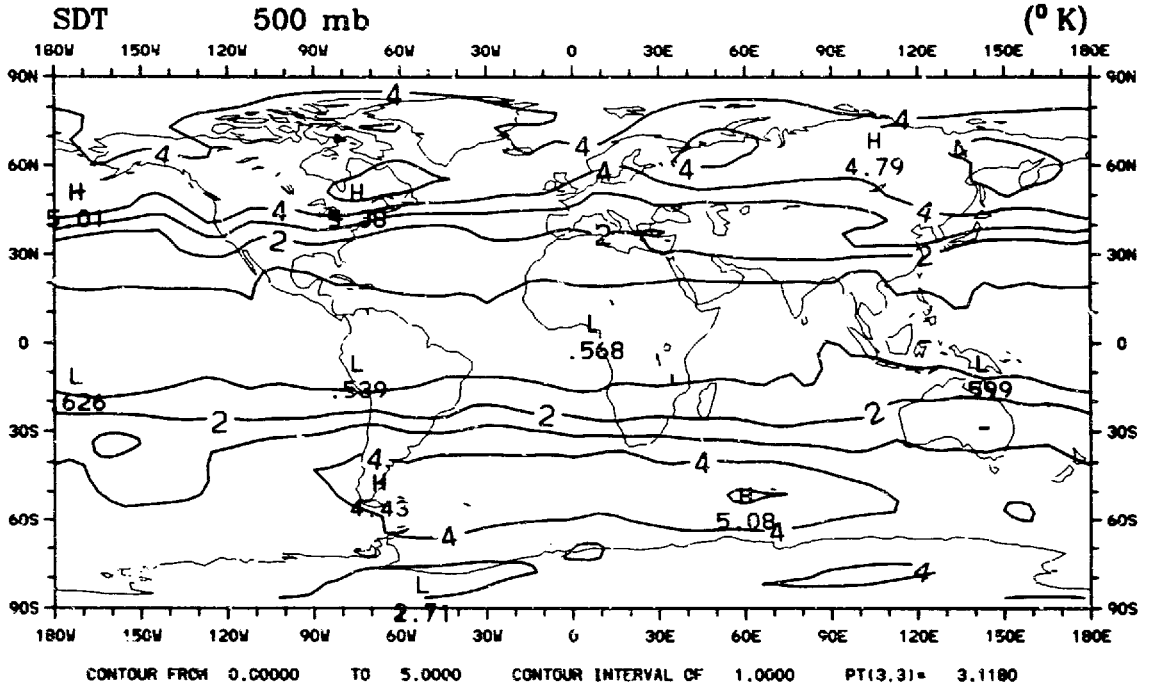
FRAME 2.21

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



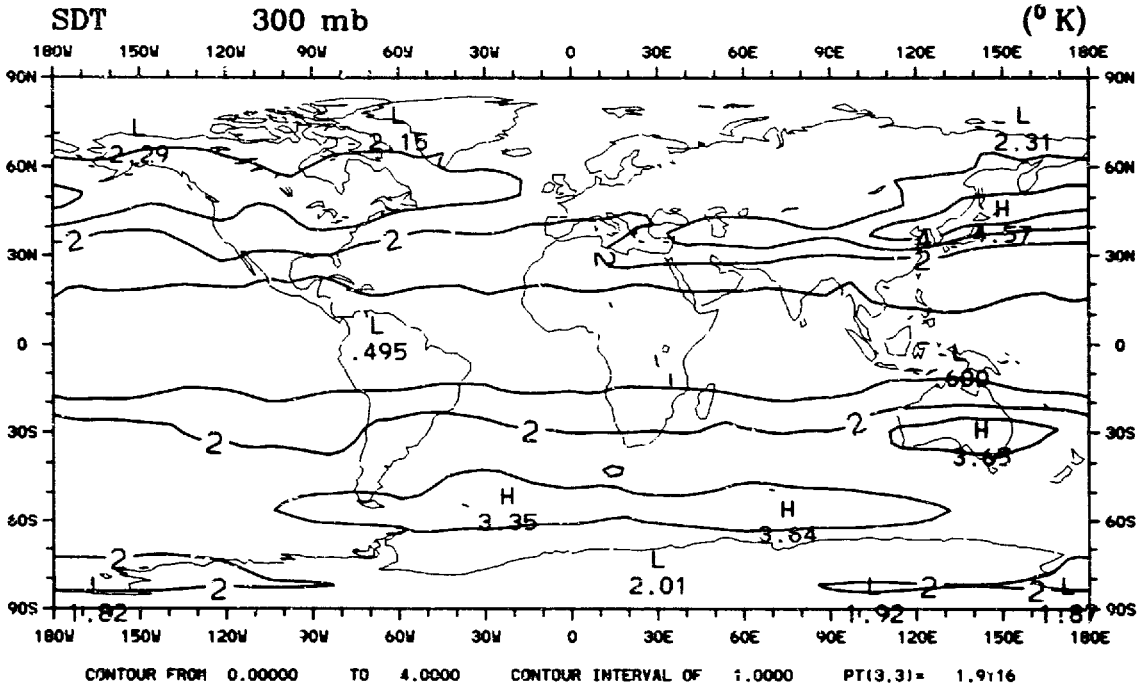

FRAME 2.22

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



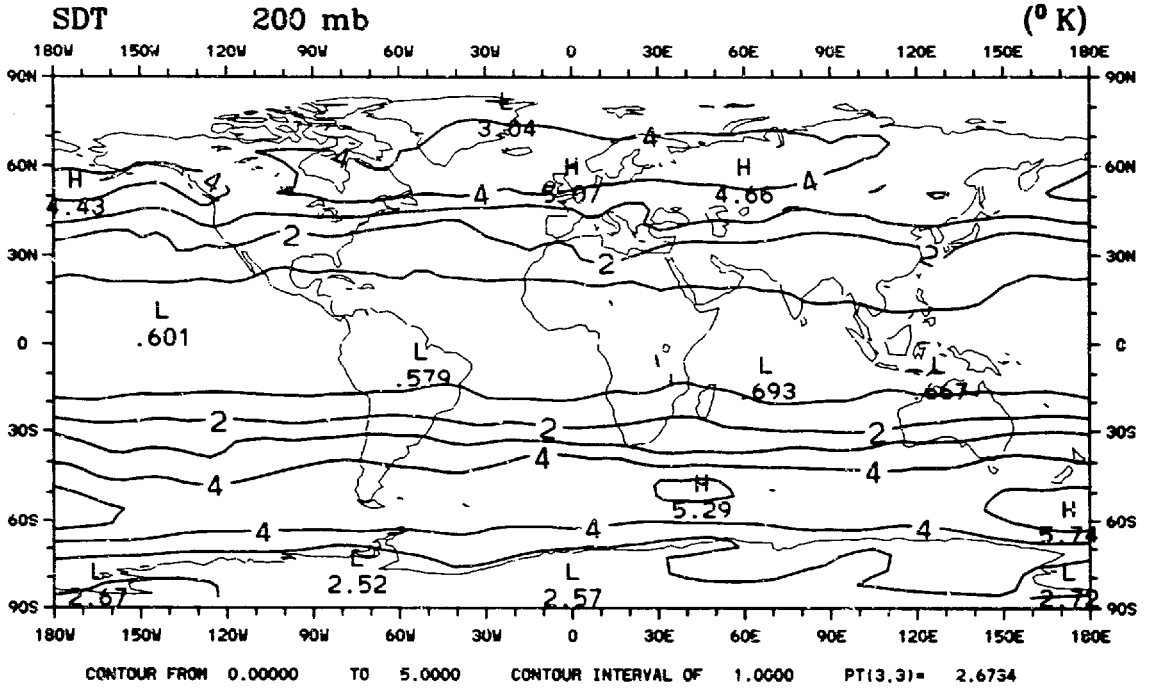

FRAME 2.23

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



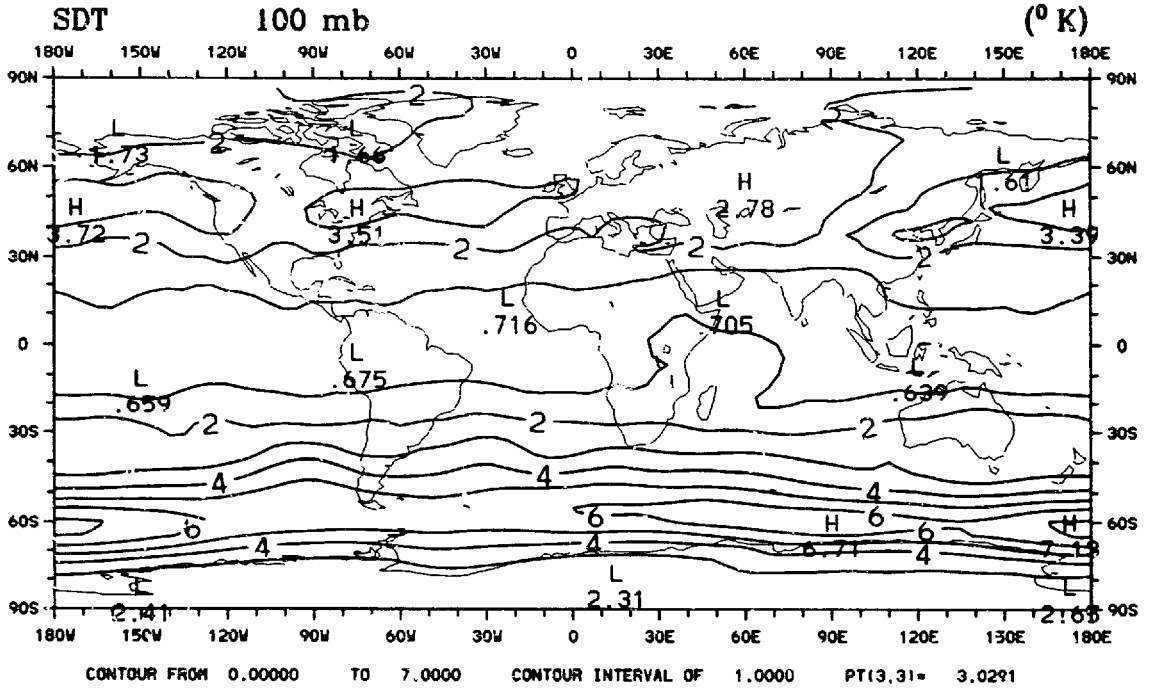

FRAME 2.24

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



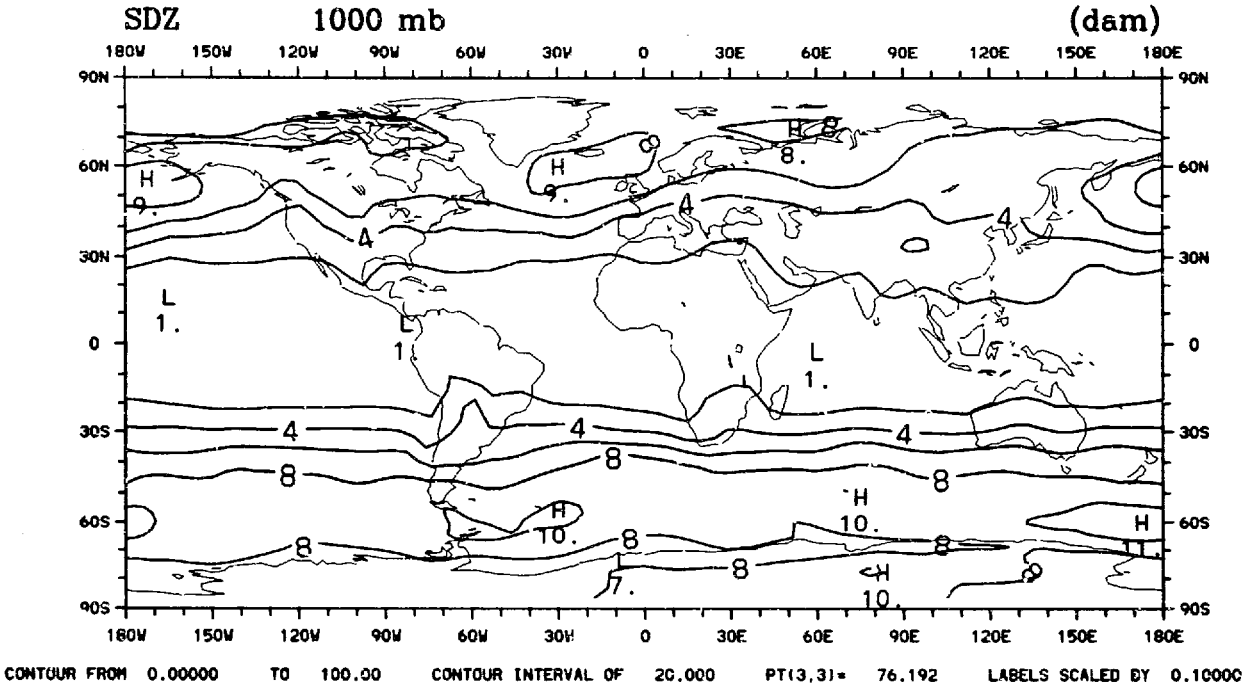

FRAME 2.25

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.26

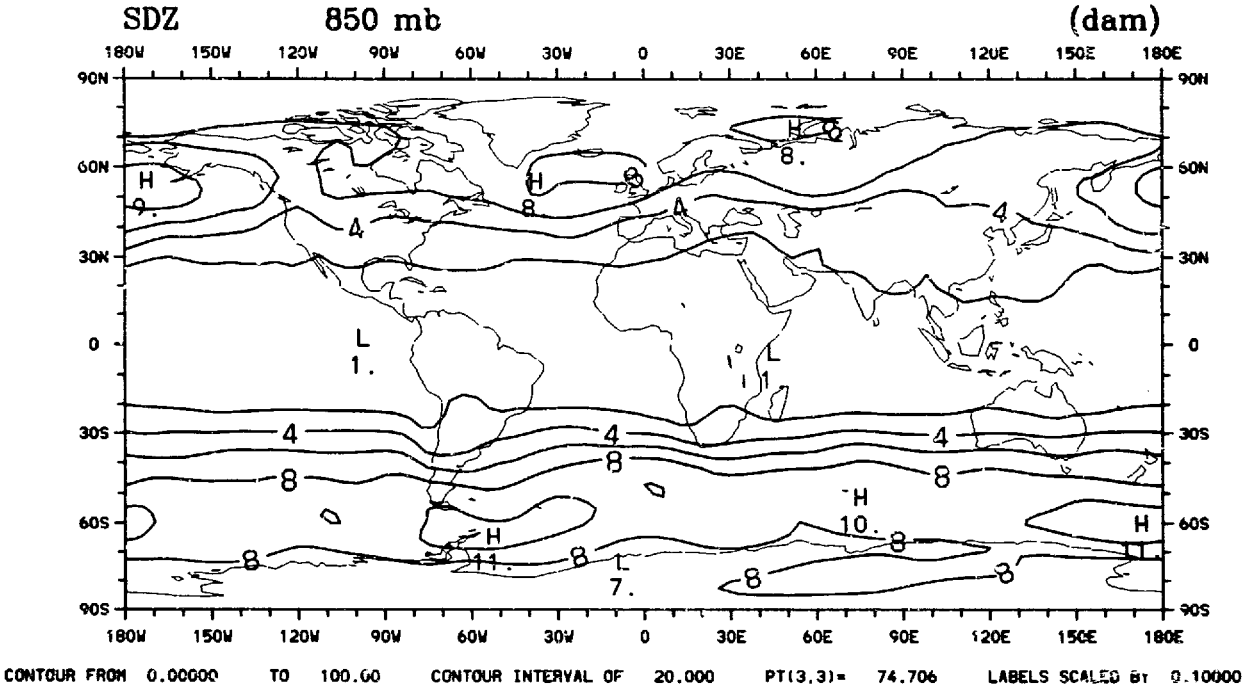
# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 100.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 76.192 LABELS SCALED BY 0.10000

FRAME 2.27

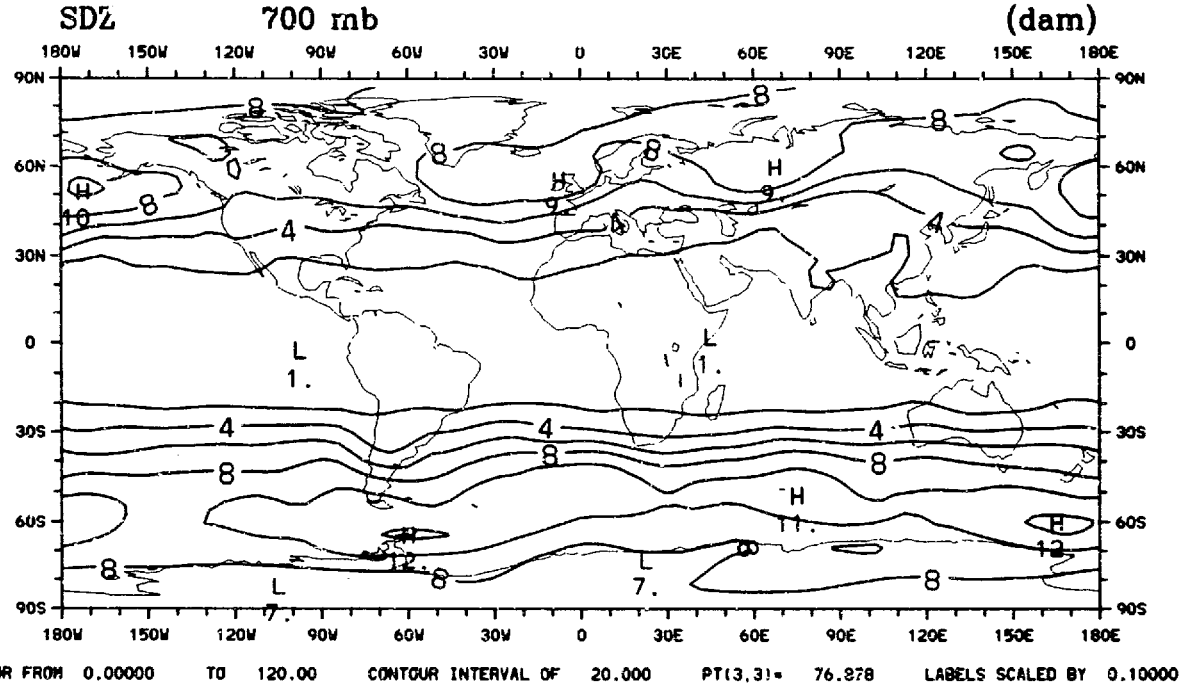
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 100.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 74.706 LABELS SCALED BY 0.10000

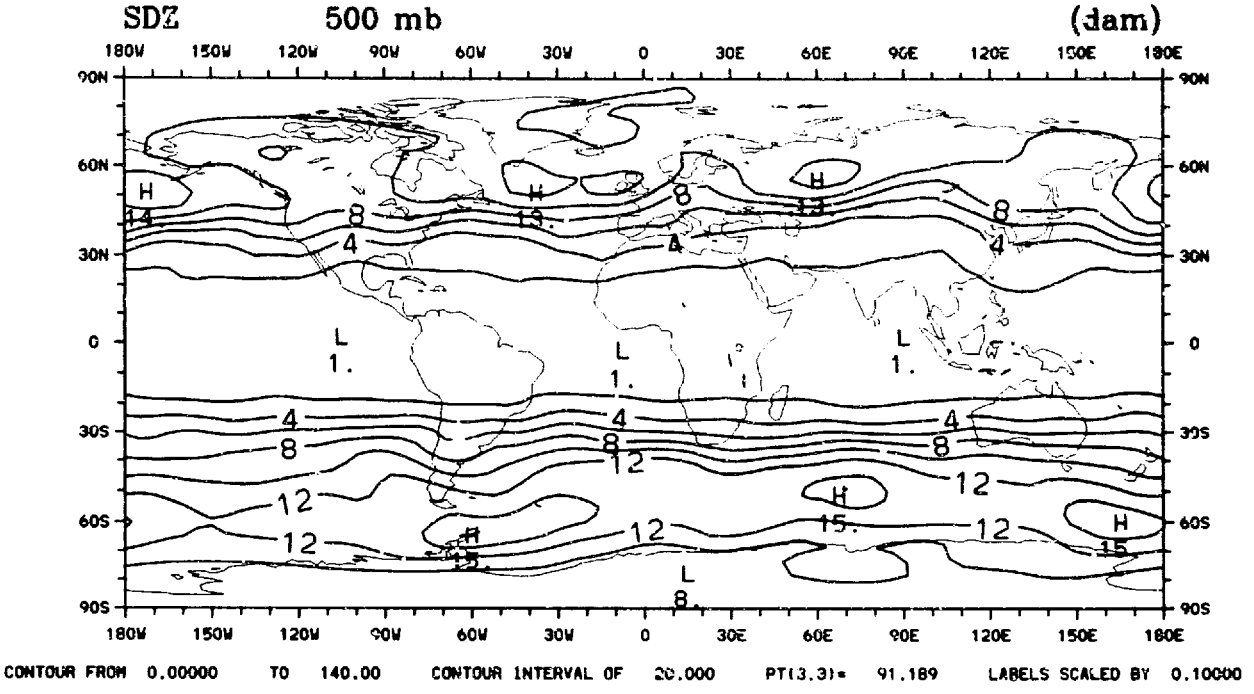
FRAME 2.28

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



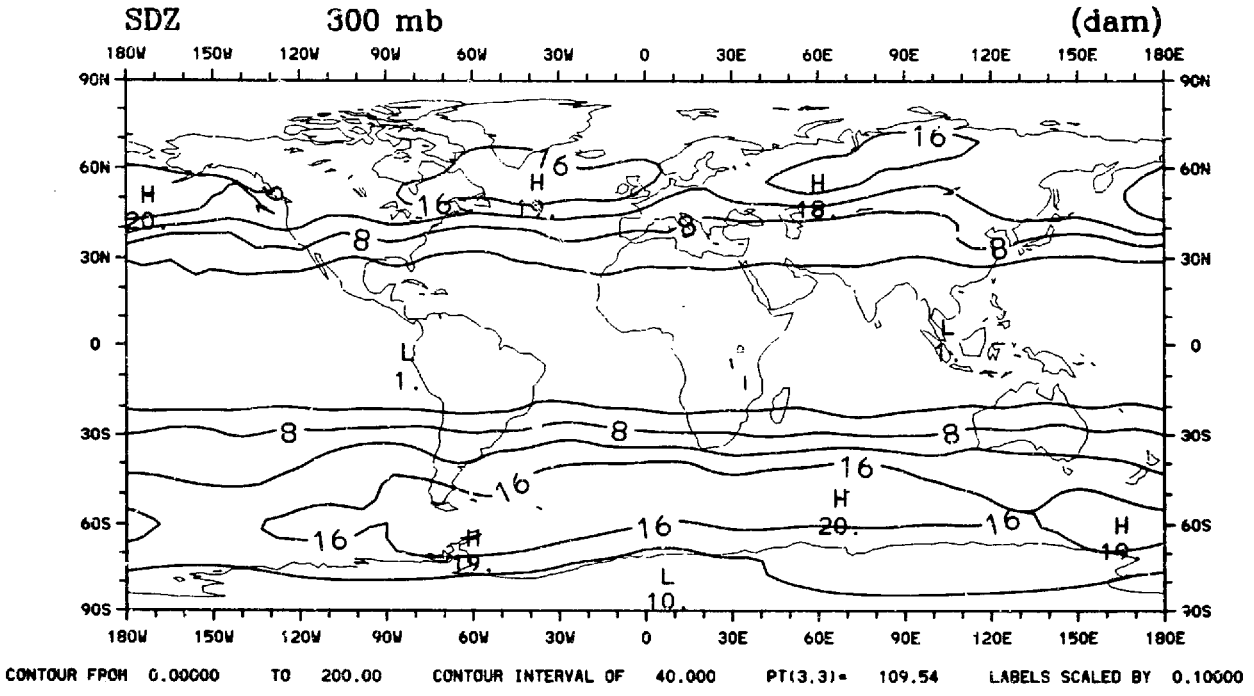

FRAME 2.29

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979 1986)



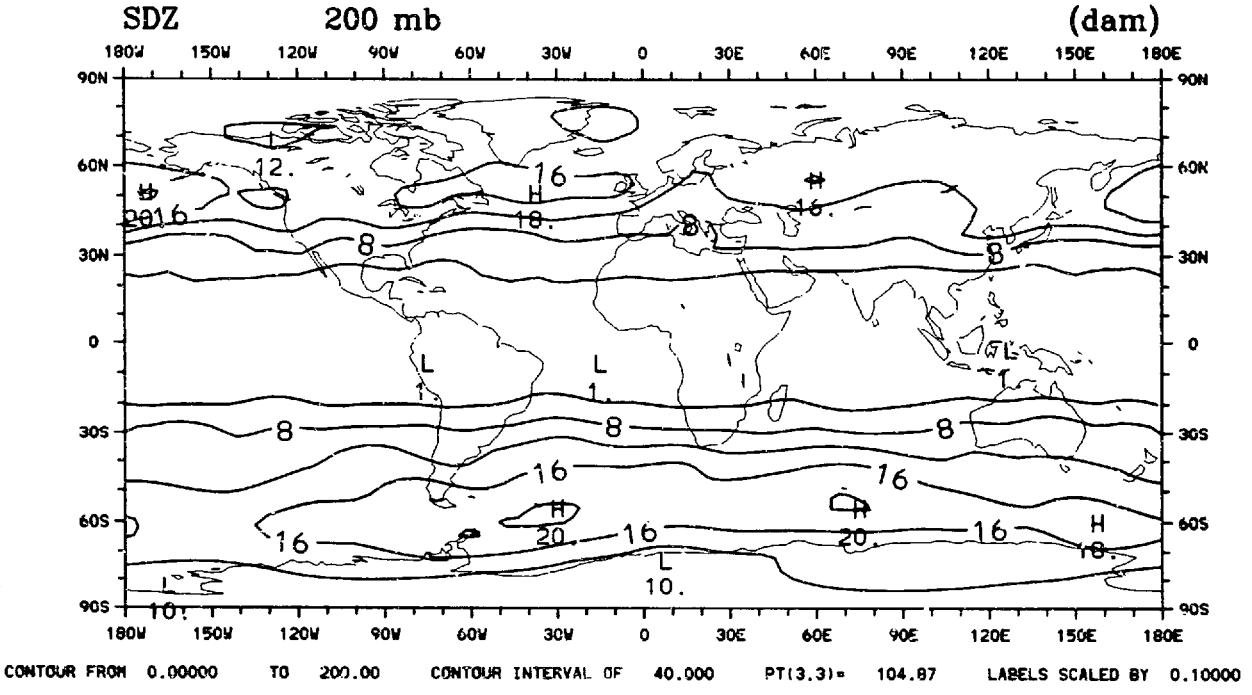

FRAME 2.30

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



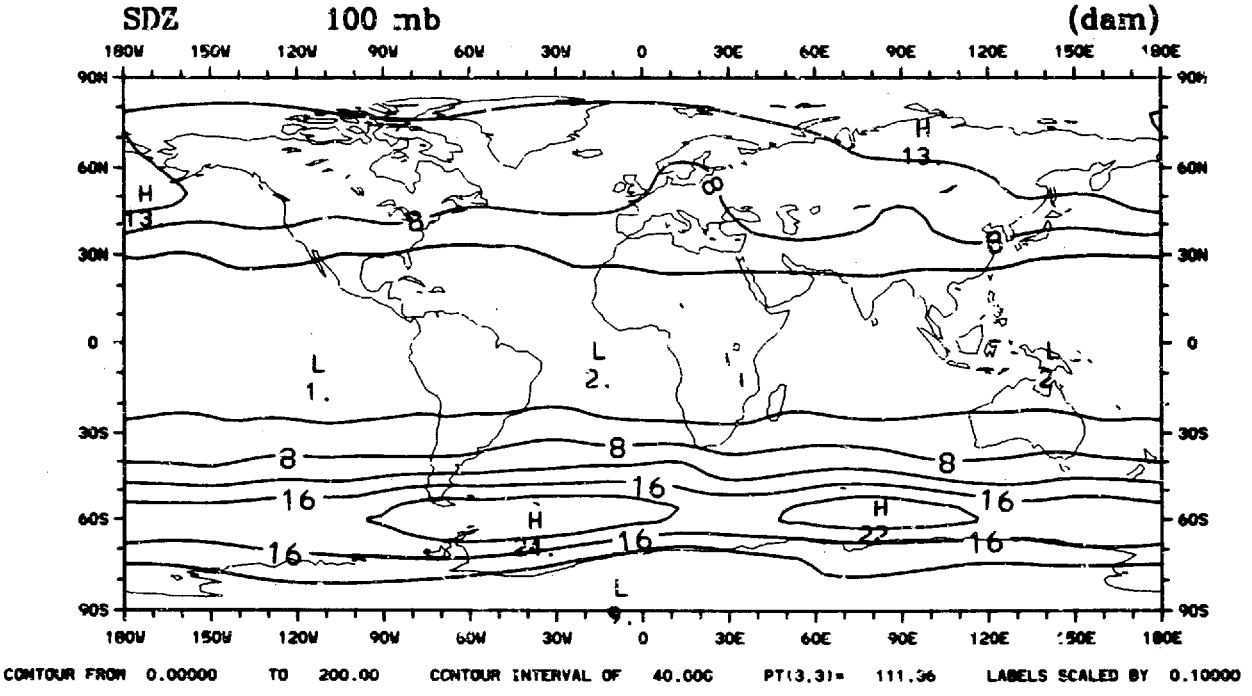

FRAME 2.31

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



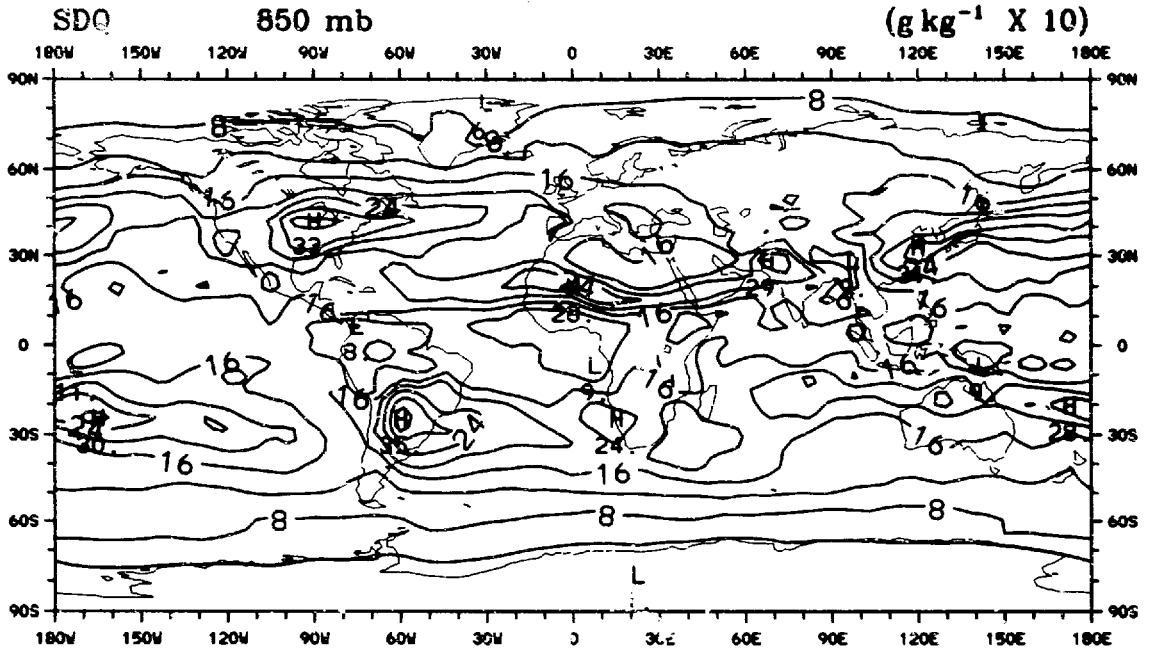

FRAME 2.32

EC R15 SEPTEMBER (ENSEMBLE . ERAGE 1979-1986)




FRAME 2.33

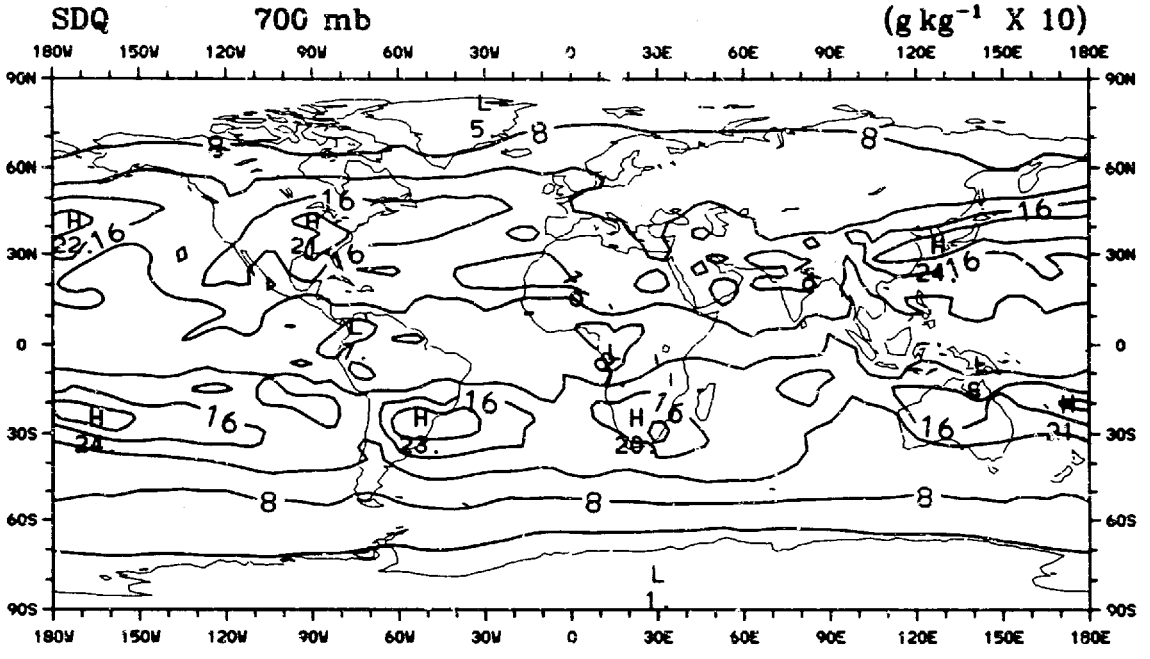
## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.29661E-03 LABELS SCALED BY 10000.

FRAME 2.34

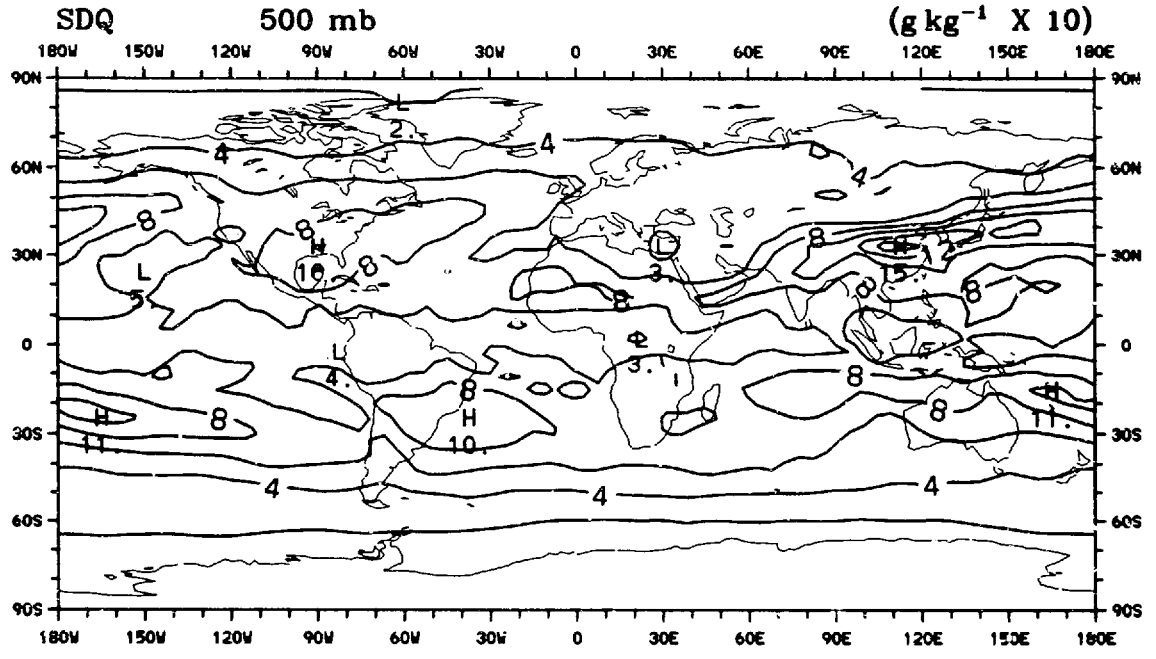
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.23761E-03 LABELS SCALED BY 10000.

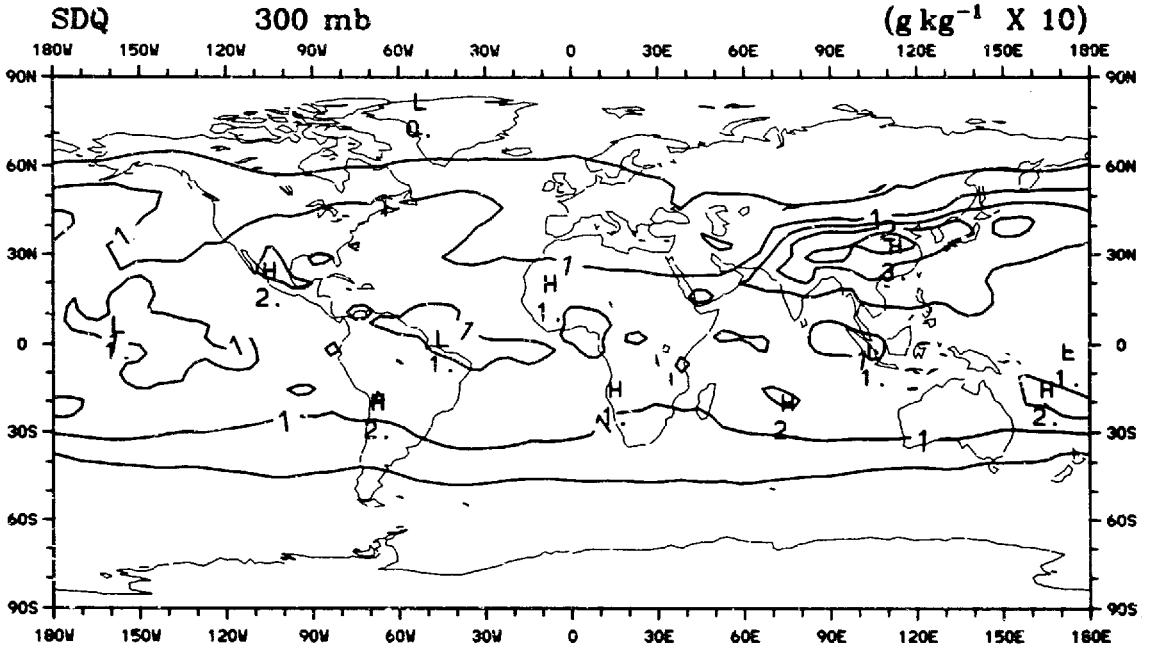
FRAME 2.35

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.36

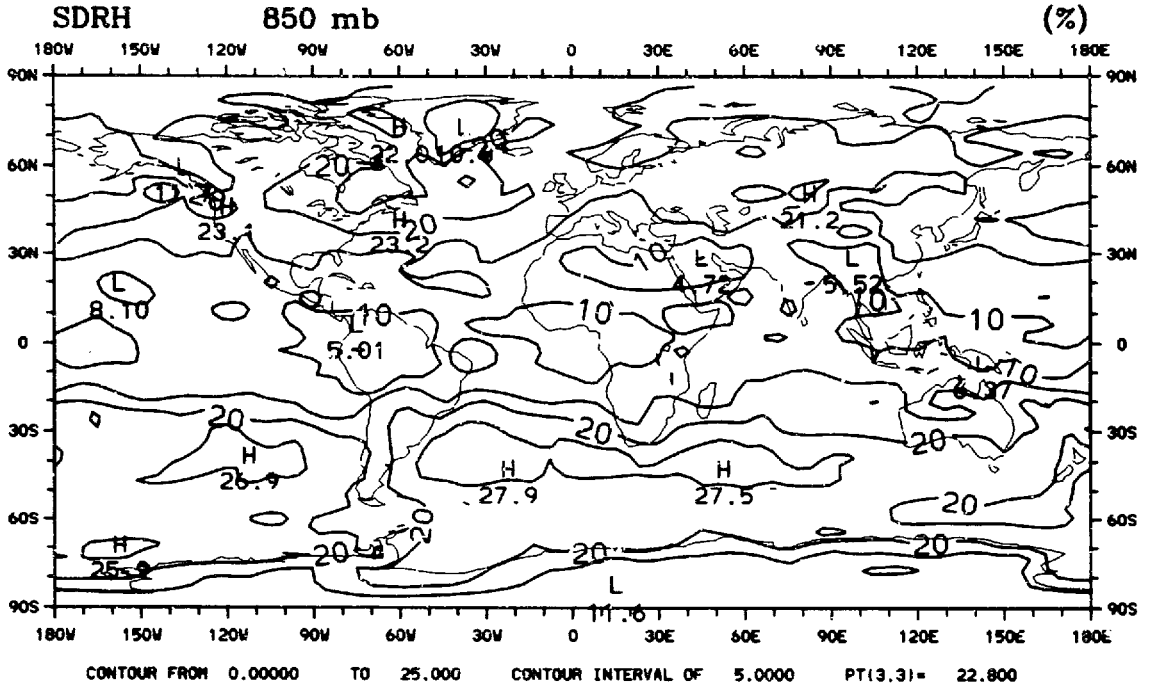
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.25000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.68052E-05 LABELS SCALED BY 10000.

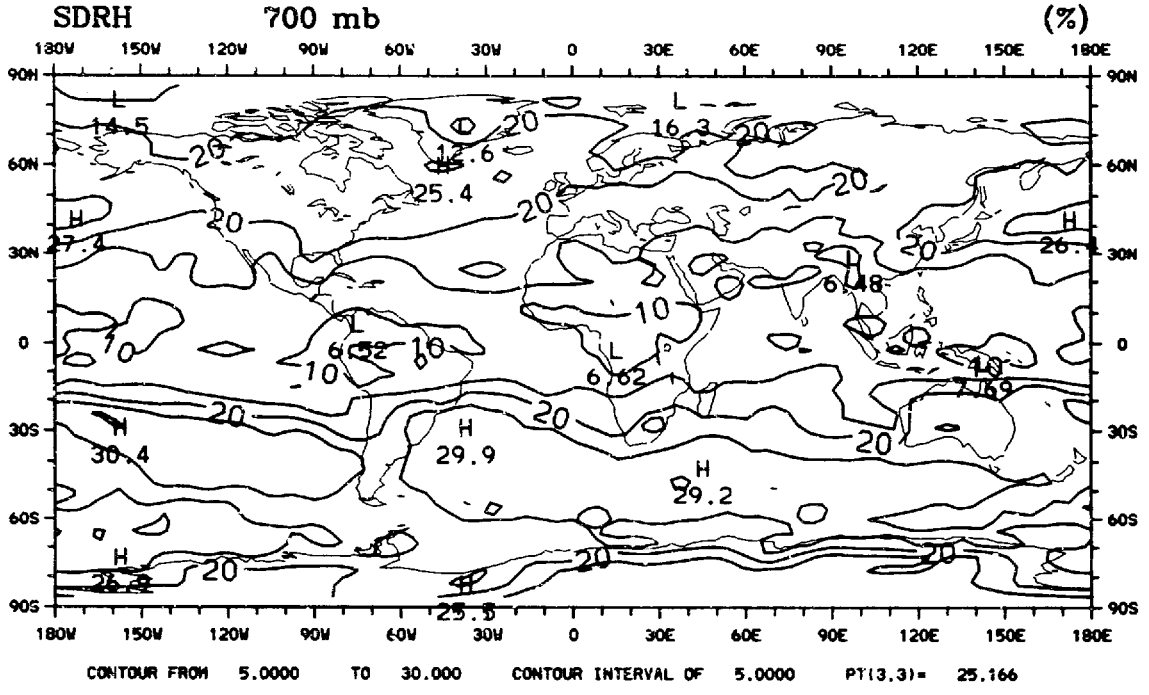
FRAME 2.37

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



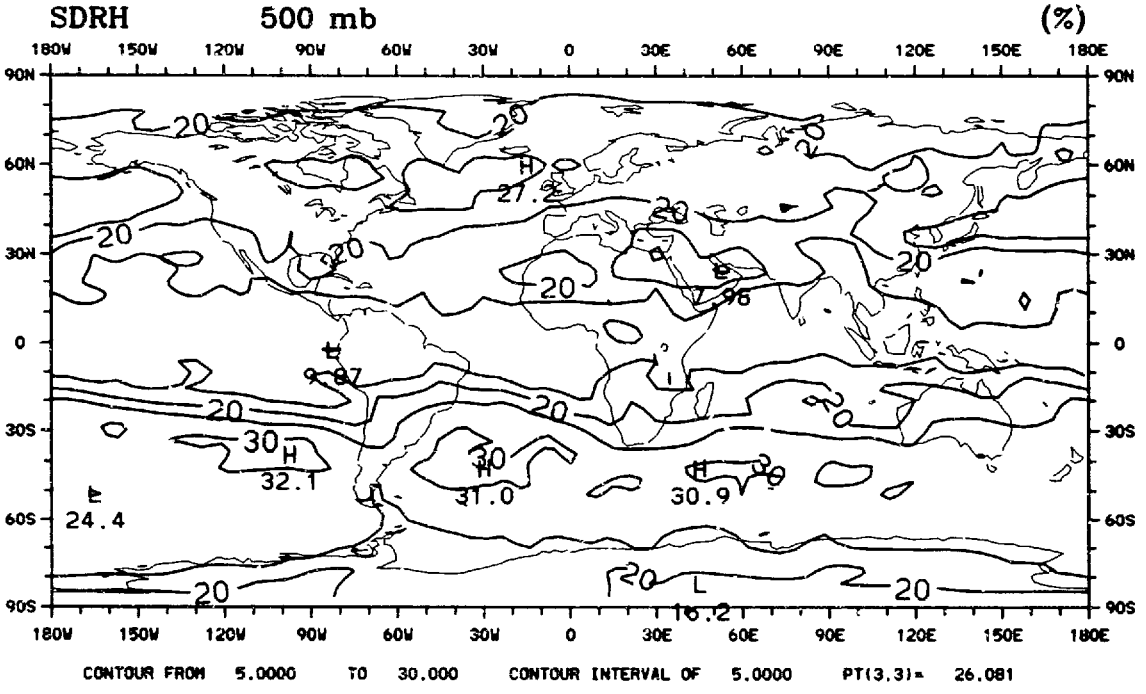

FRAME 2.39

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.39

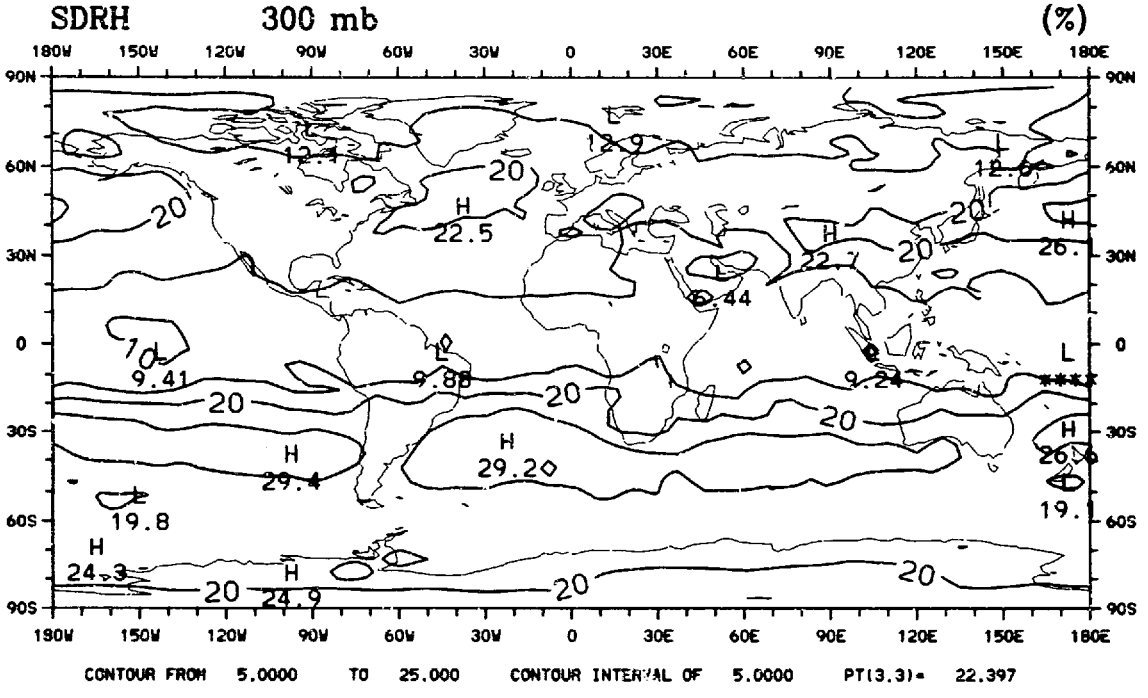
# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 5.0000 TO 30.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 26.081

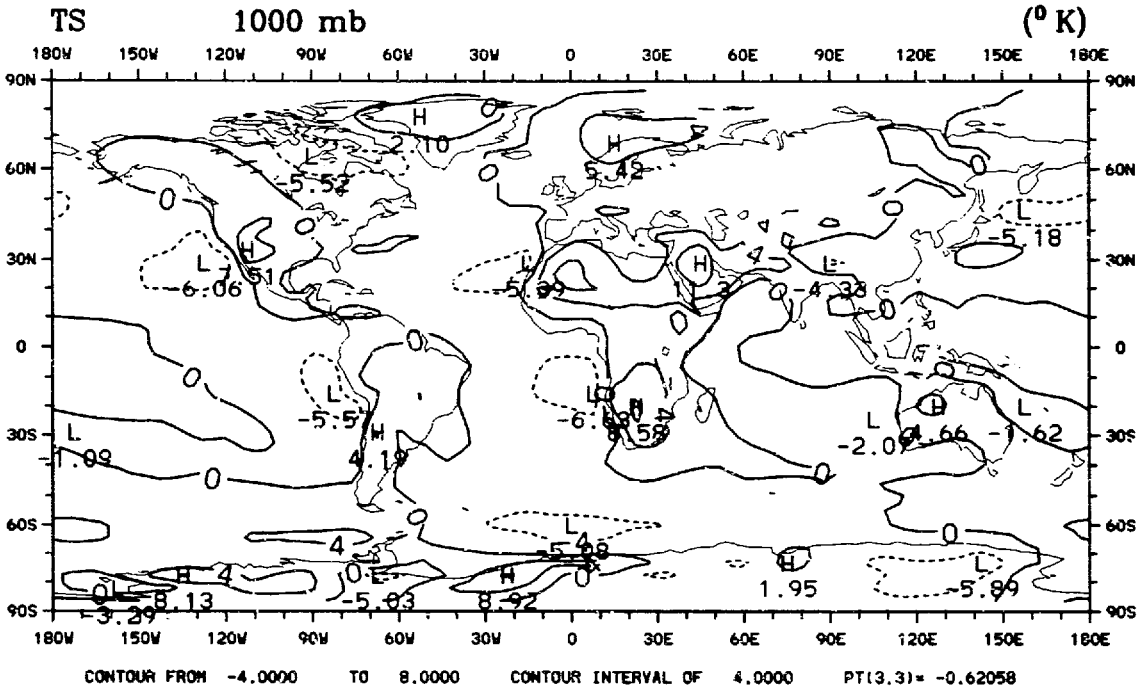
FRAME 2.40

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



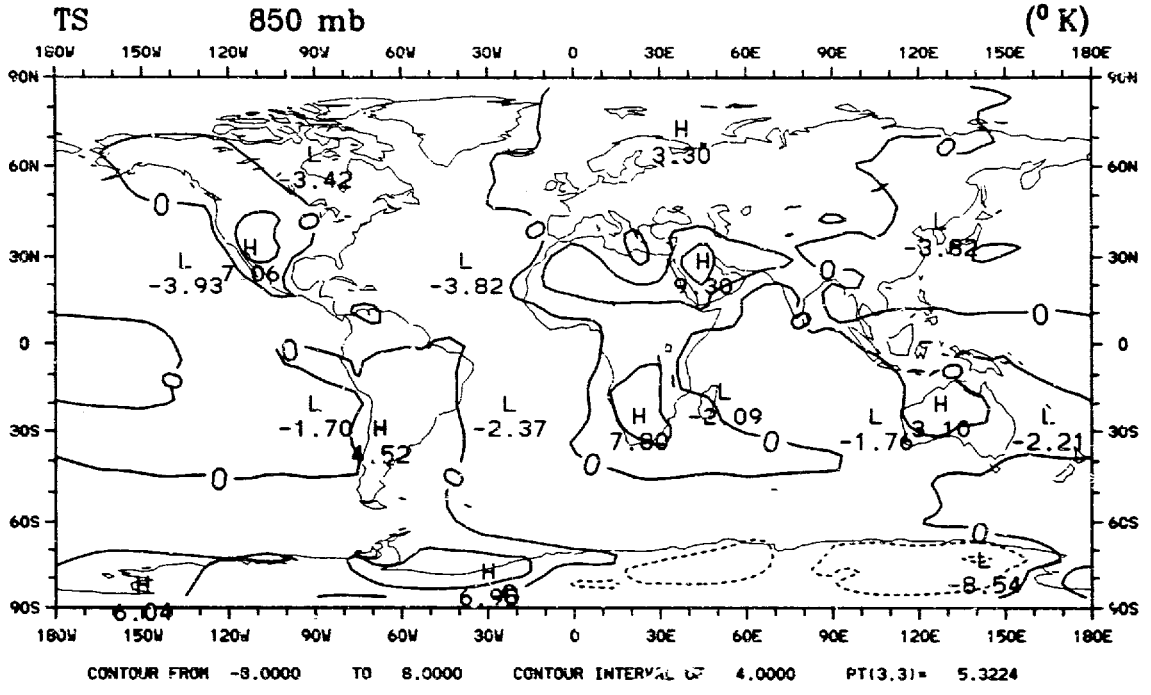

FRAME 2.41

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



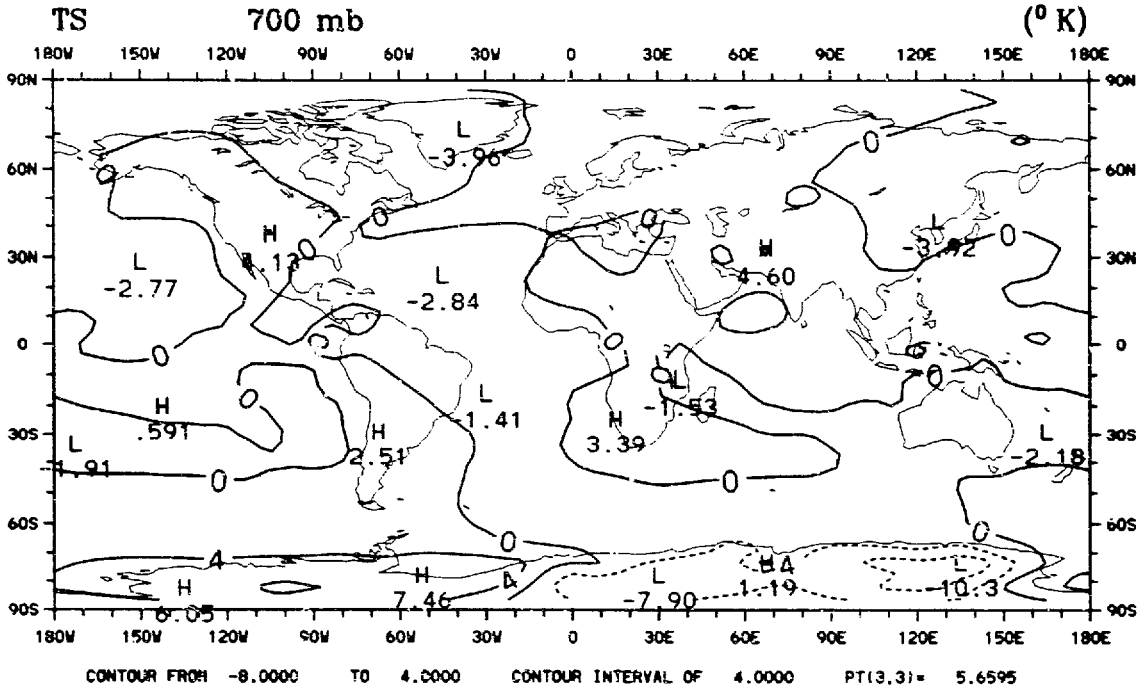

FRAME 2.42

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



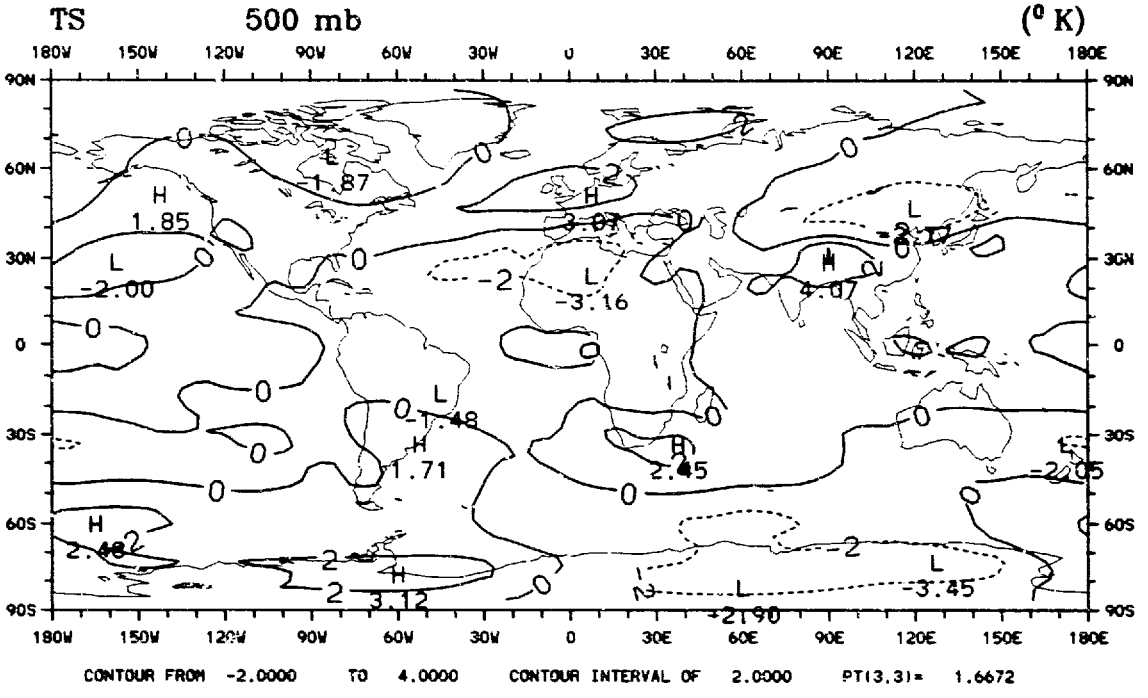

FRAME 2.43

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



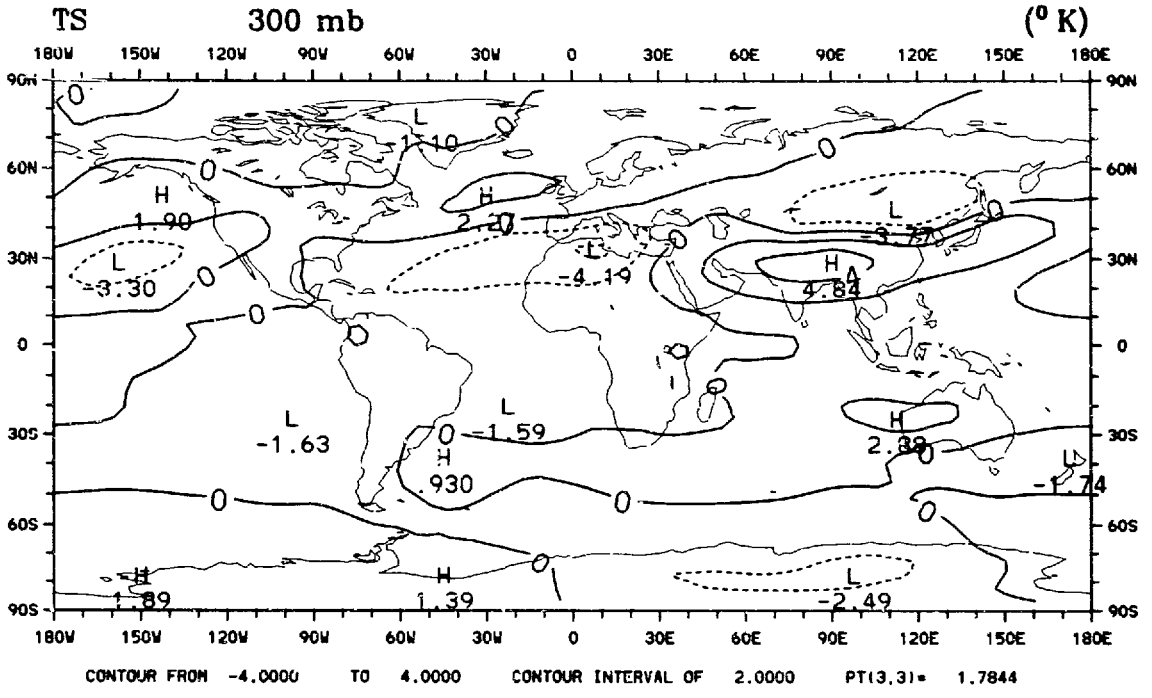

FRAME 2.44

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



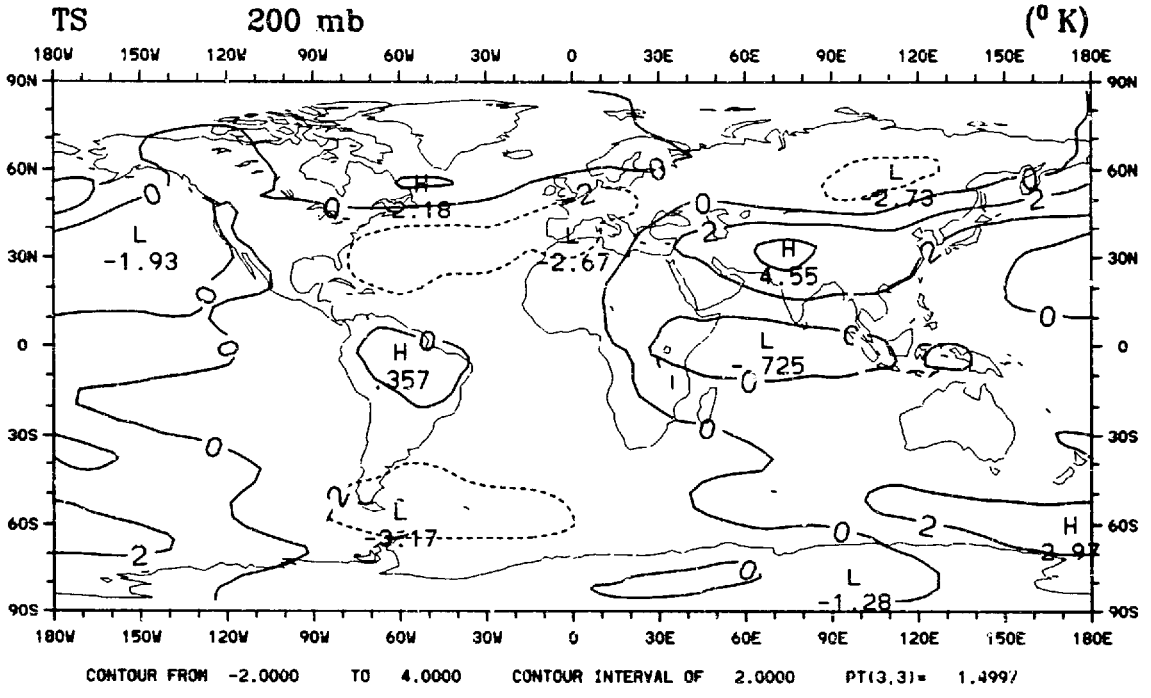

FRAME 2.45

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



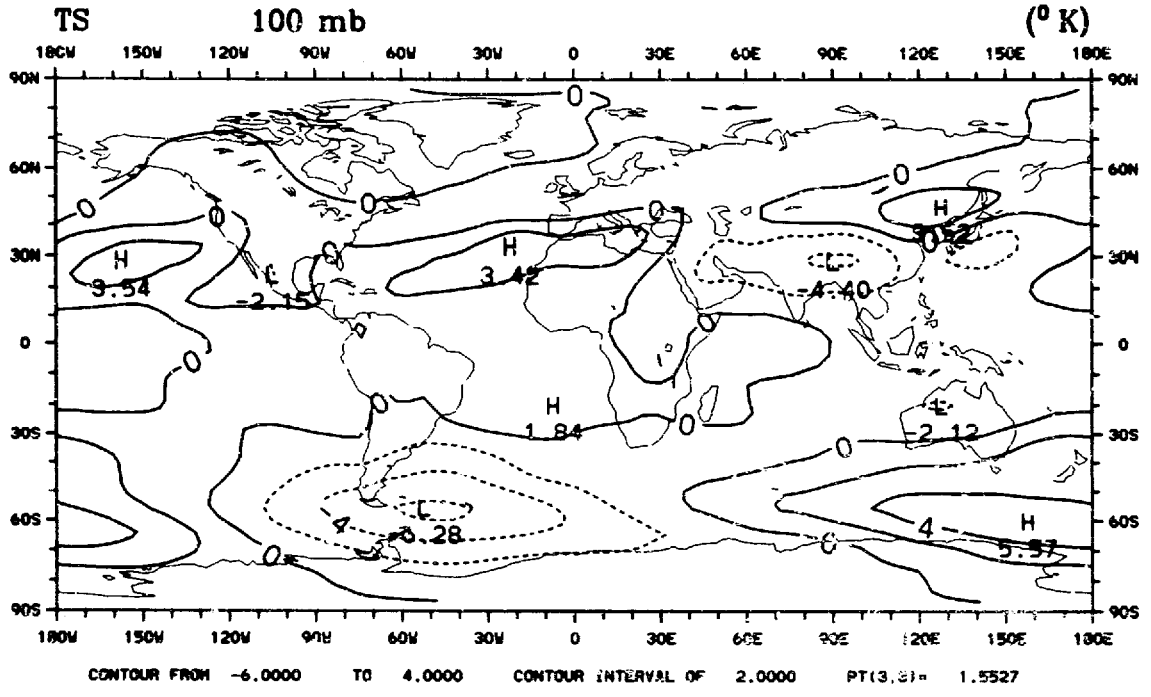

FRAME 2.46

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



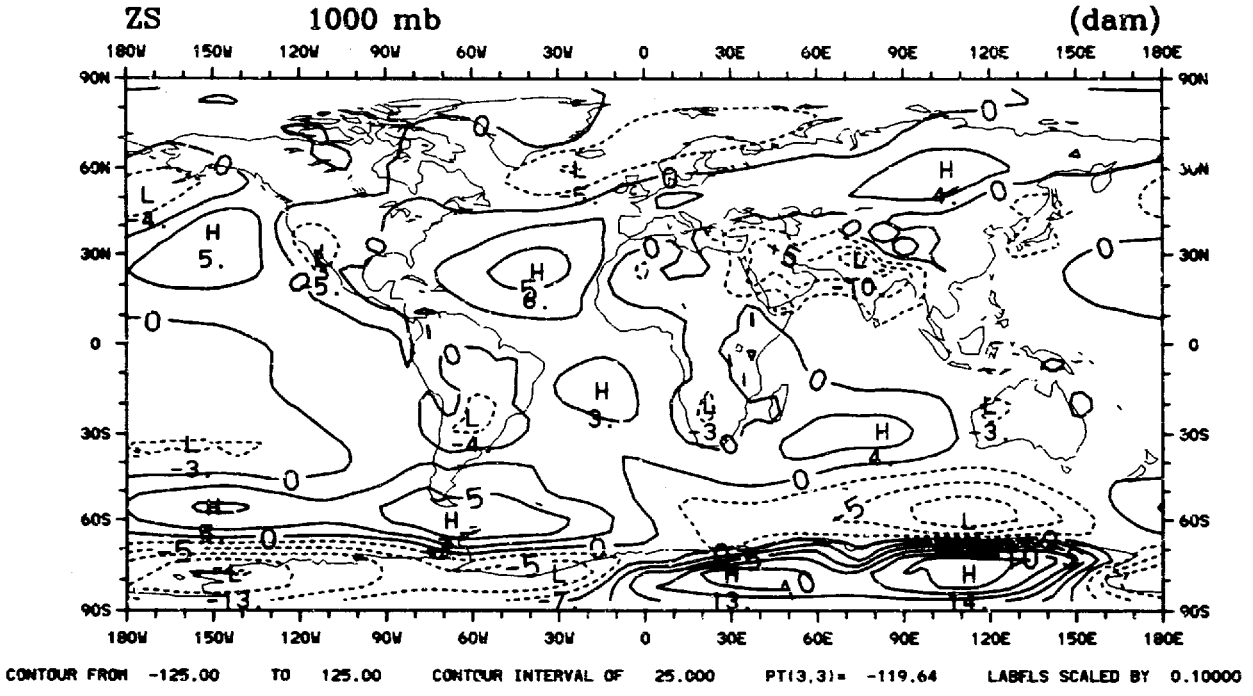

FRAME 2.47

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.48

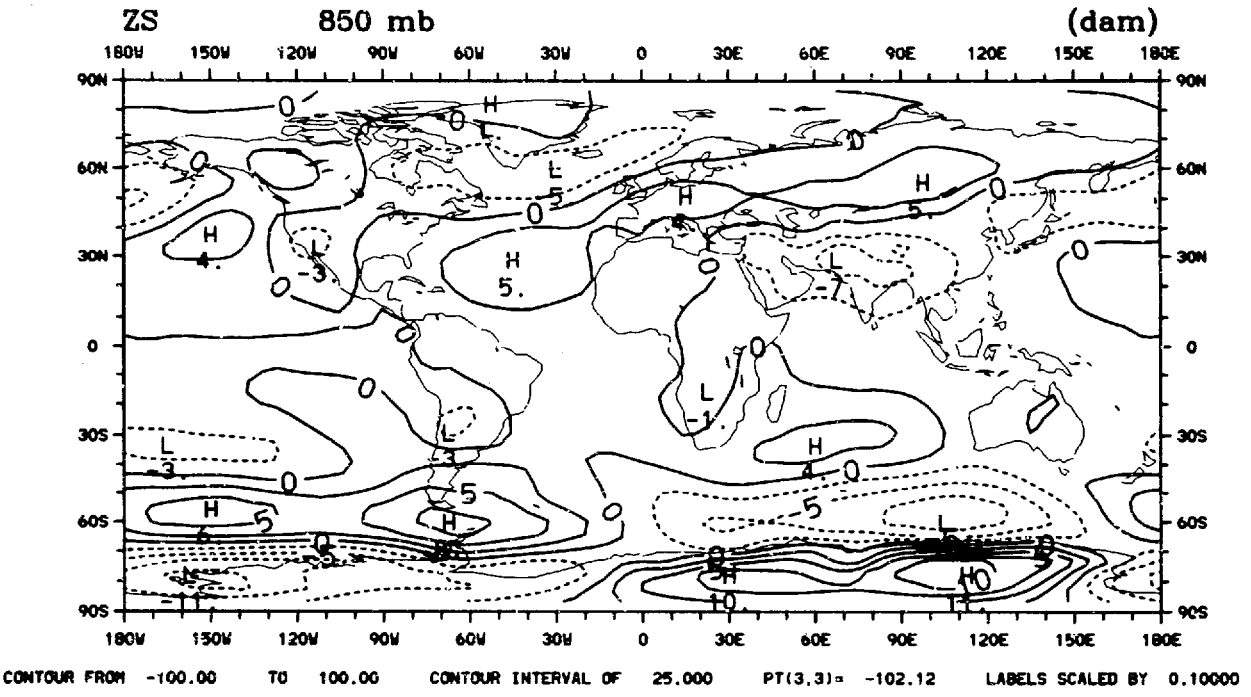
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -125.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -119.64 LABELS SCALED BY 0.10000

FRAME 2.49

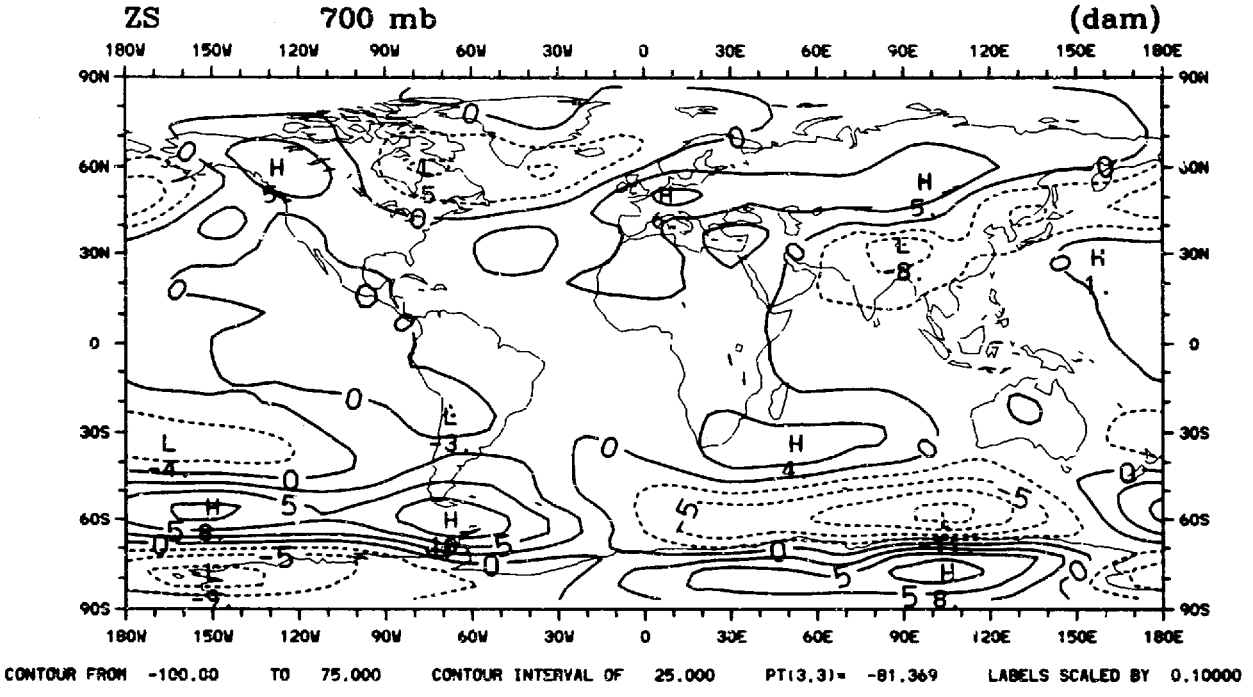
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -100.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -102.12 LABELS SCALED BY 0.10000

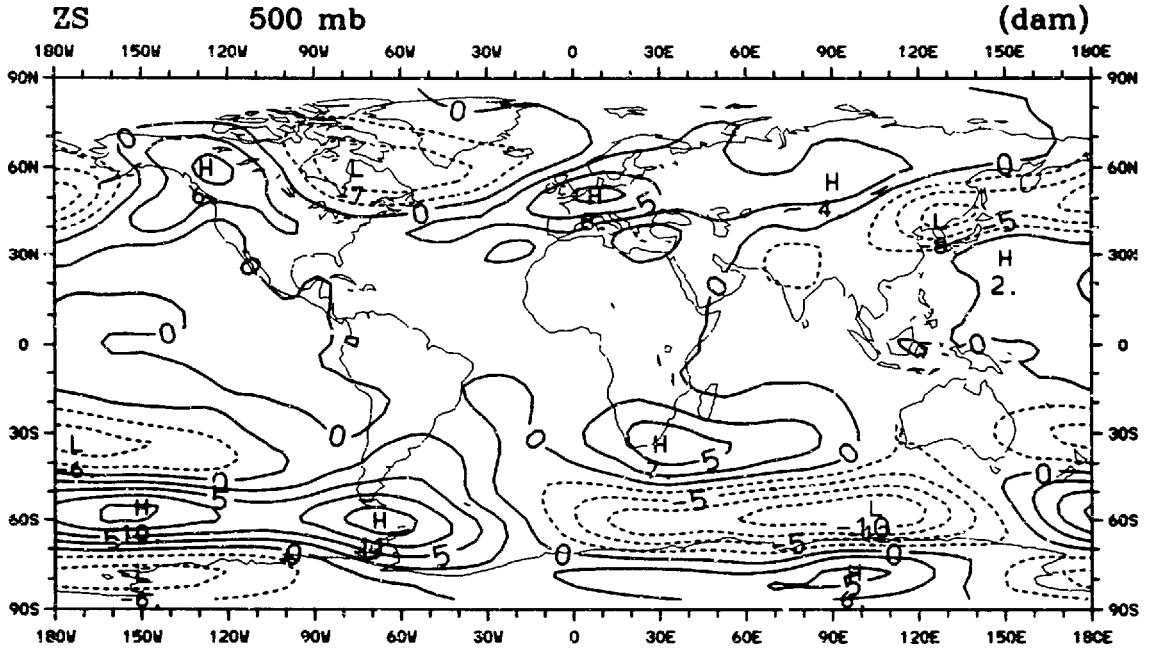
FRAME 2.50

## EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.51

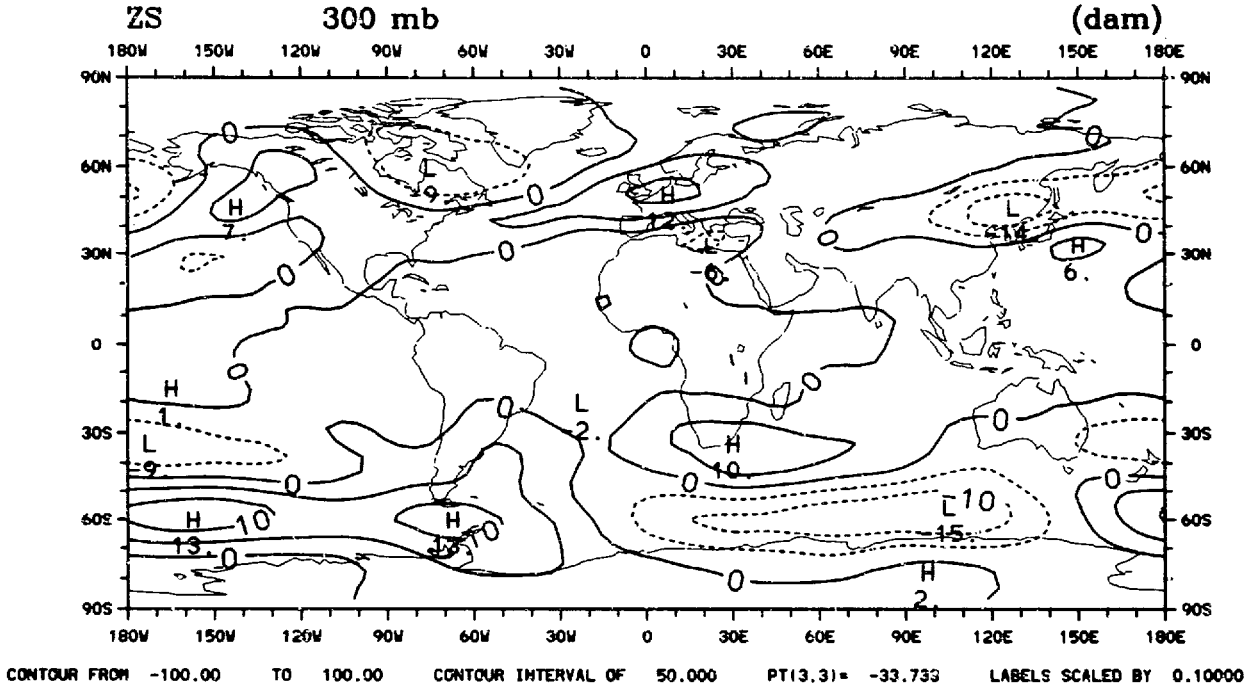
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -100.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -62.012 LABELS SCALED BY 0.1000C

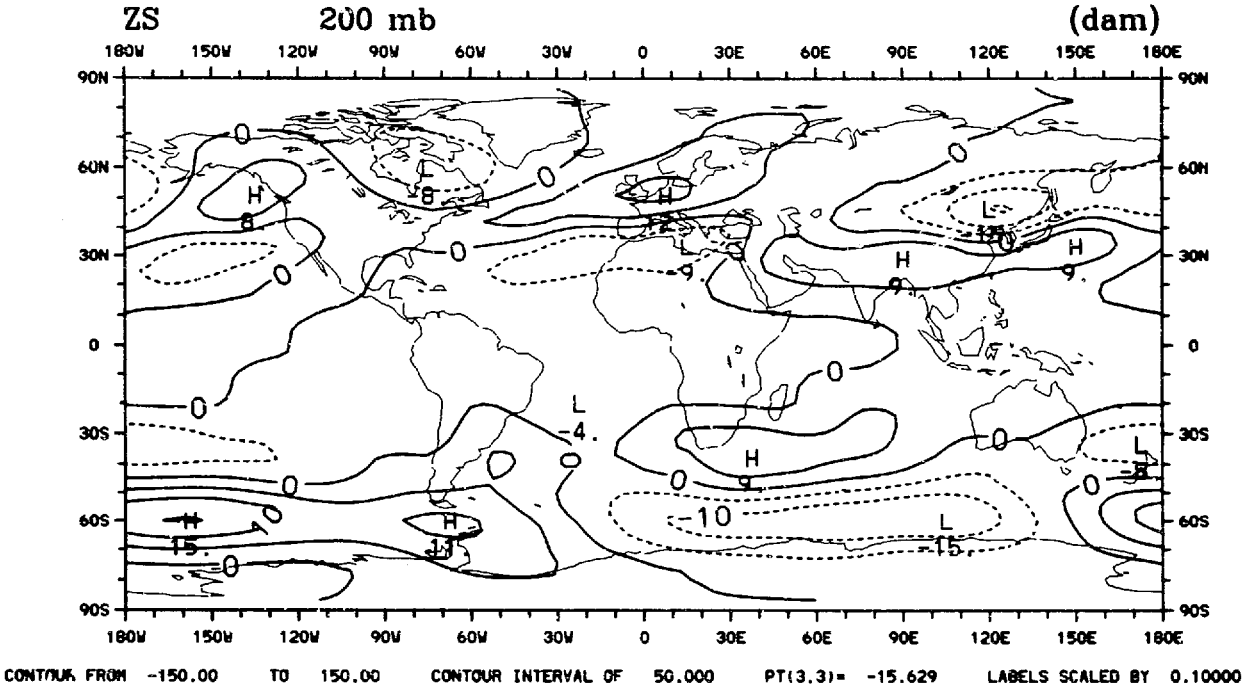
FRAME 2.52

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



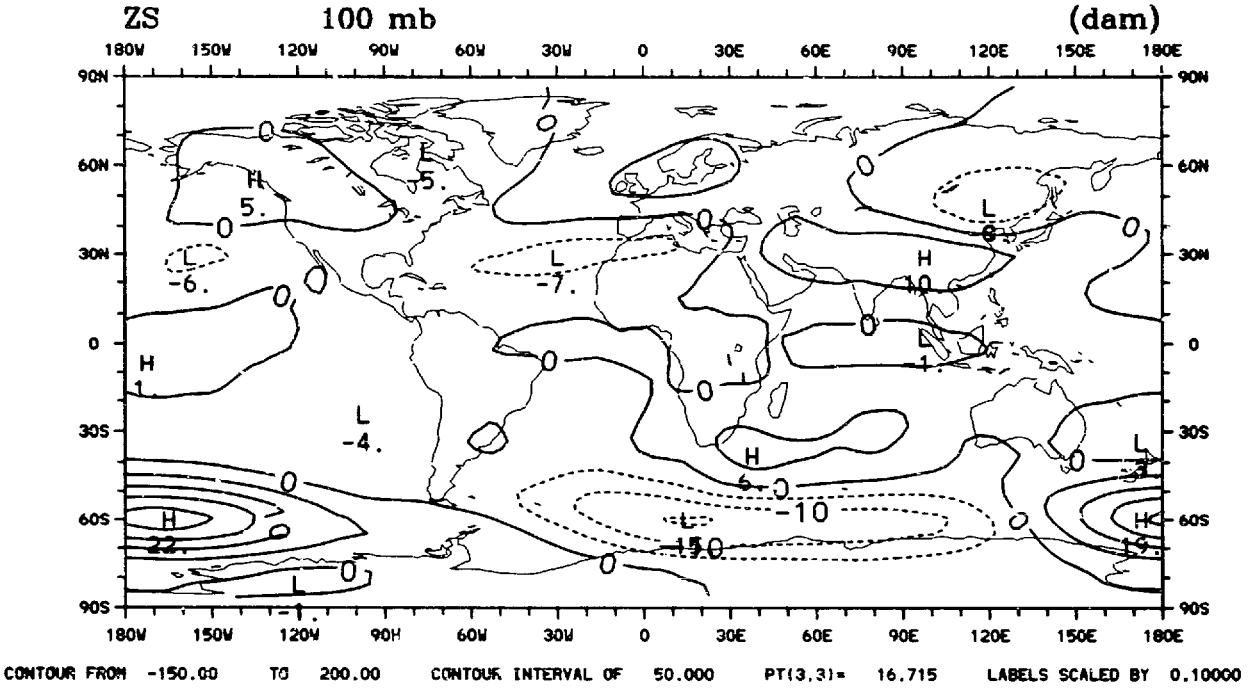

FRAME 2.53

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



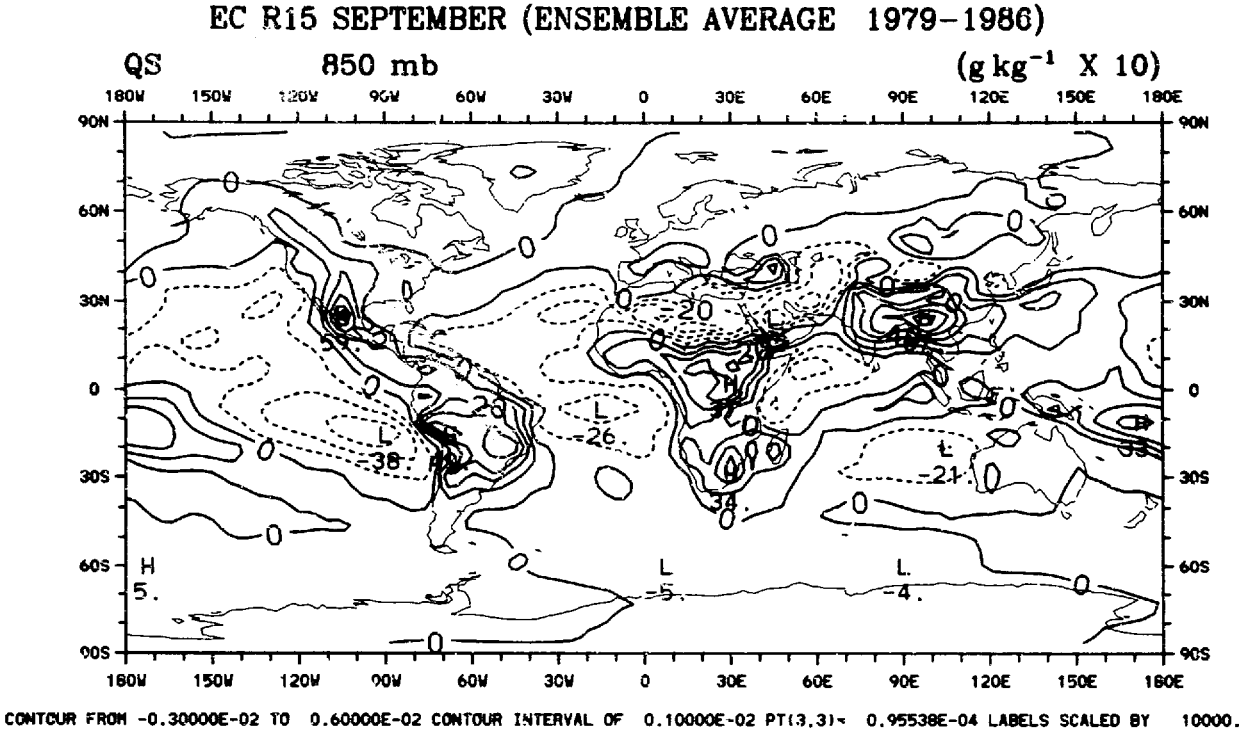

FRAME 2.54

# EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -150.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 16.715 LABELS SCALED BY 0.10000

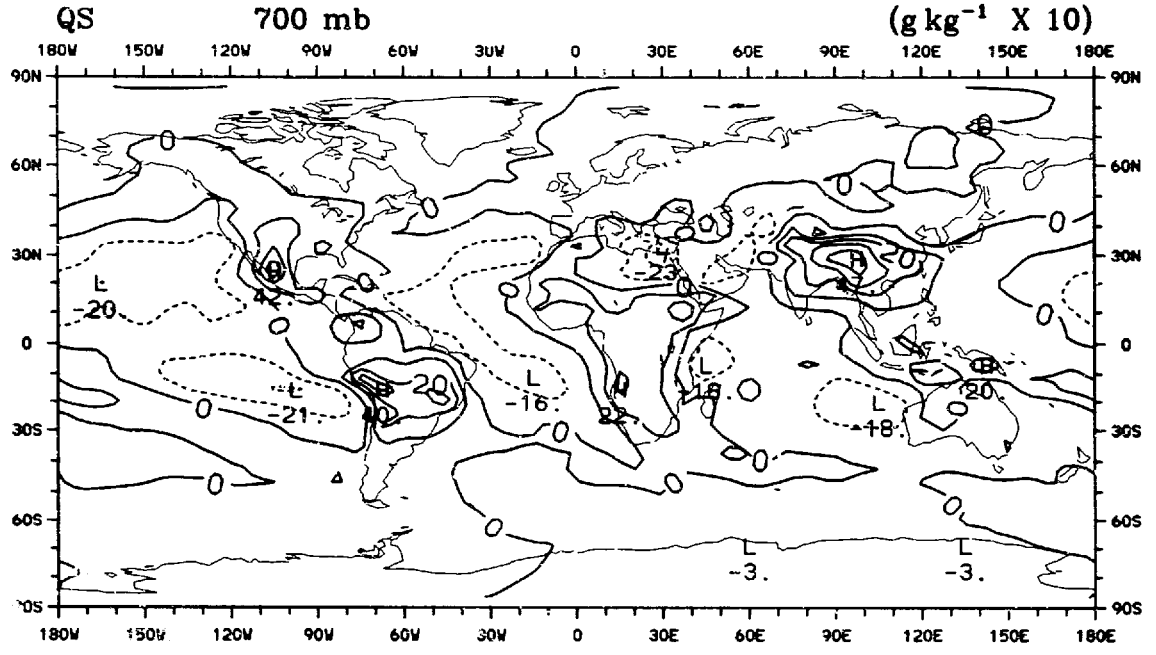
FRAME 2.55




CONTOUR FROM -0.30000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.95538E-04 LABELS SCALED BY 10000.

FRAME 2.56

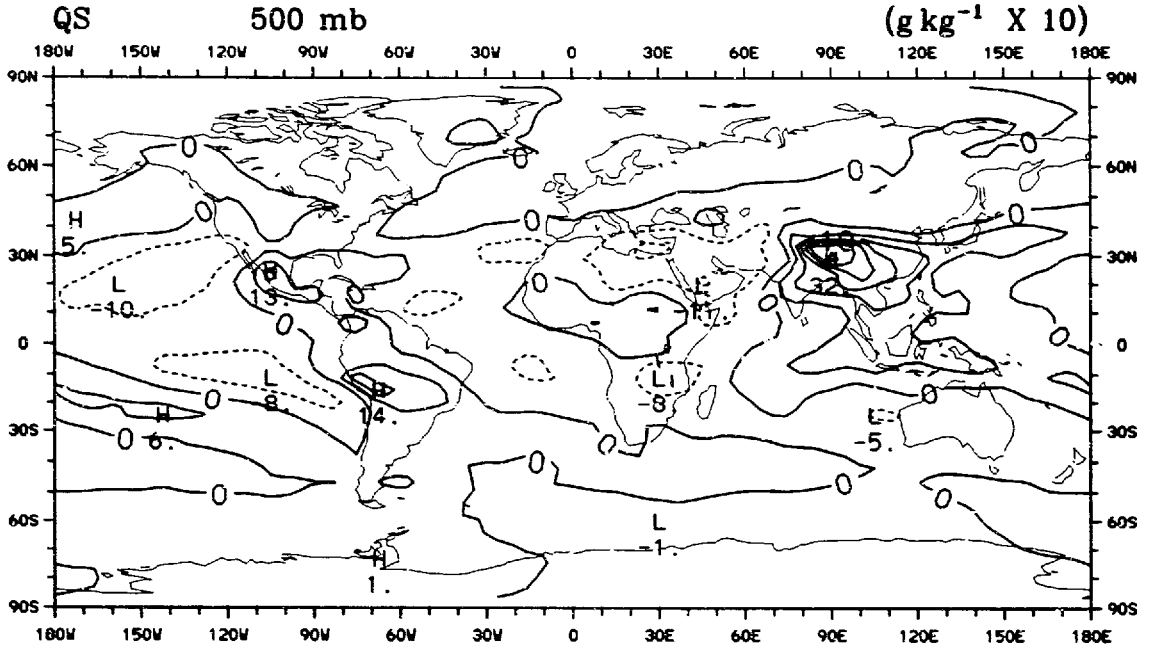
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.3838E-04 LABELS SCALED BY 10000.

FRAME 2.57

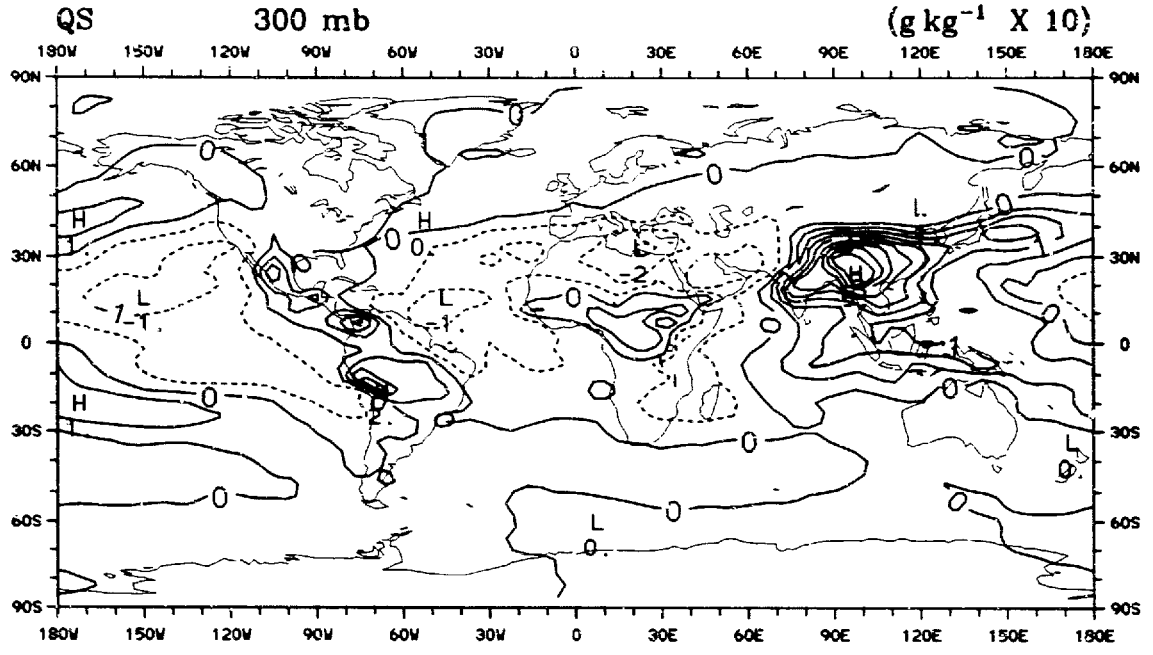
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.74220E-06 LABELS SCALED BY 10000.

FRAME 2.58

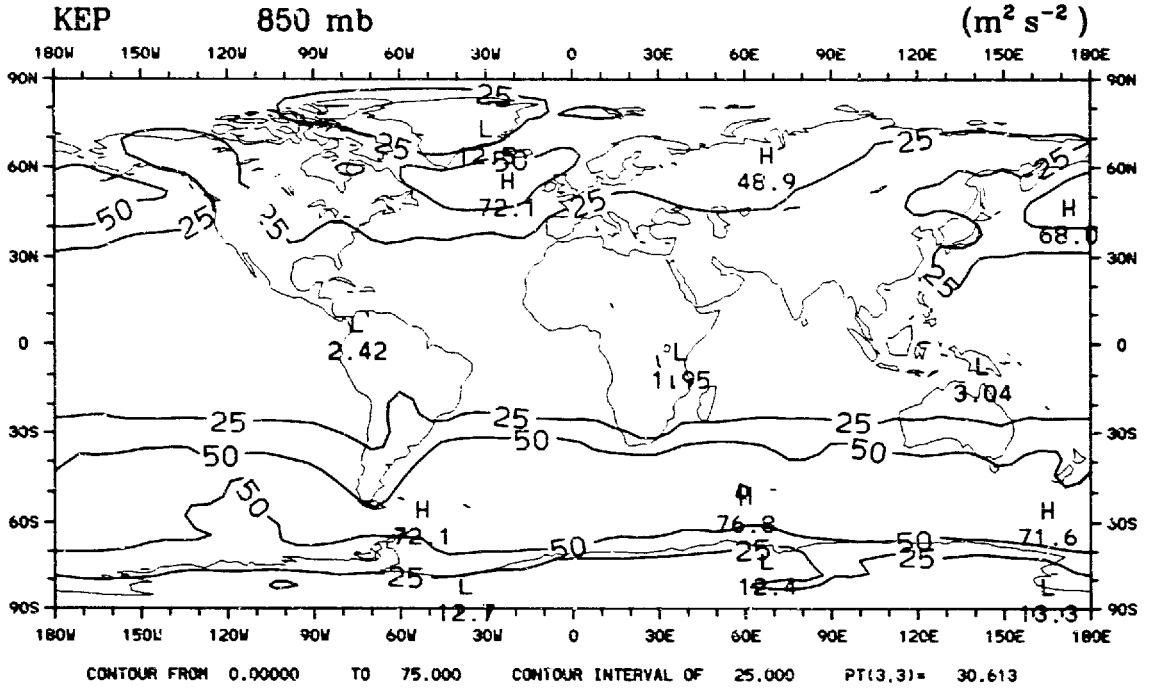
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.15000E-03 TO 0.45000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.12133E-05 LABELS SCALED BY 10000.

FRAME 2.59

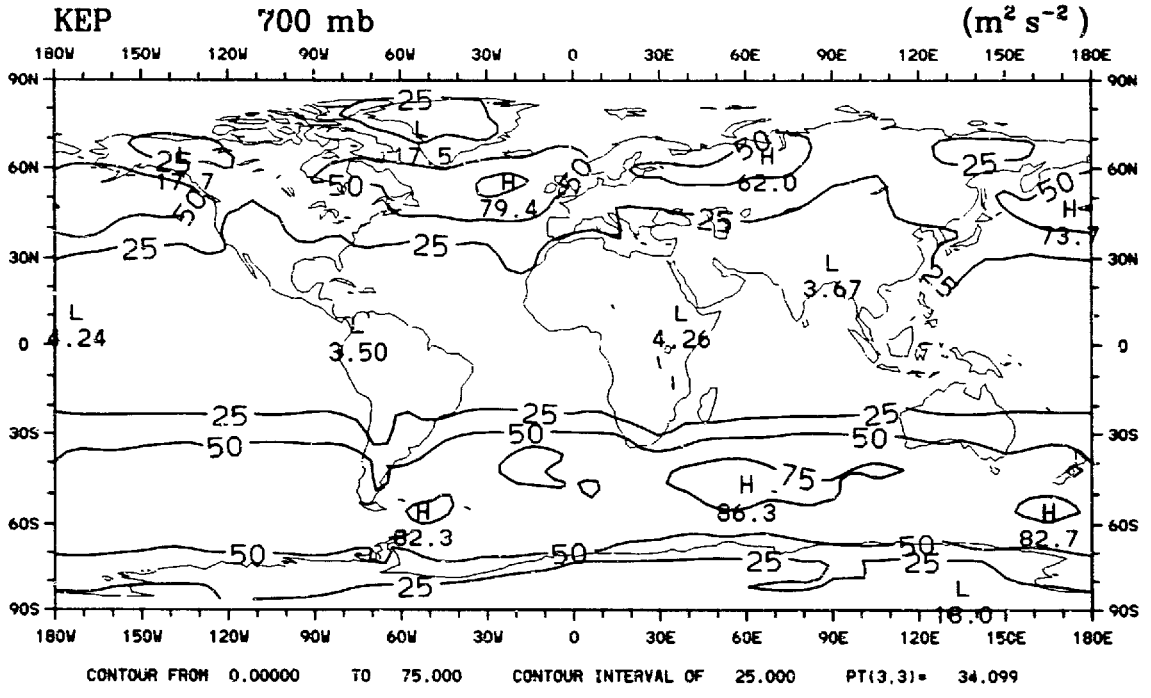
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 75.000 CONTOUR INTERVAL OF 25.000 PT(3,3)= 30.613

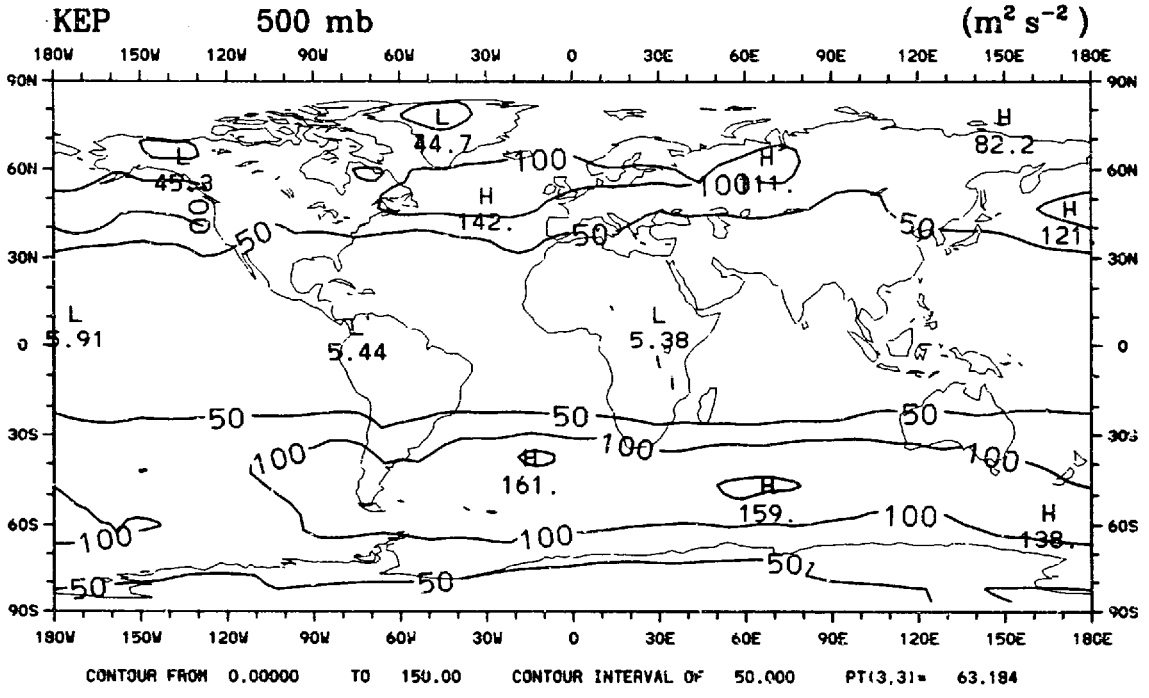
FRAME 2.60

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



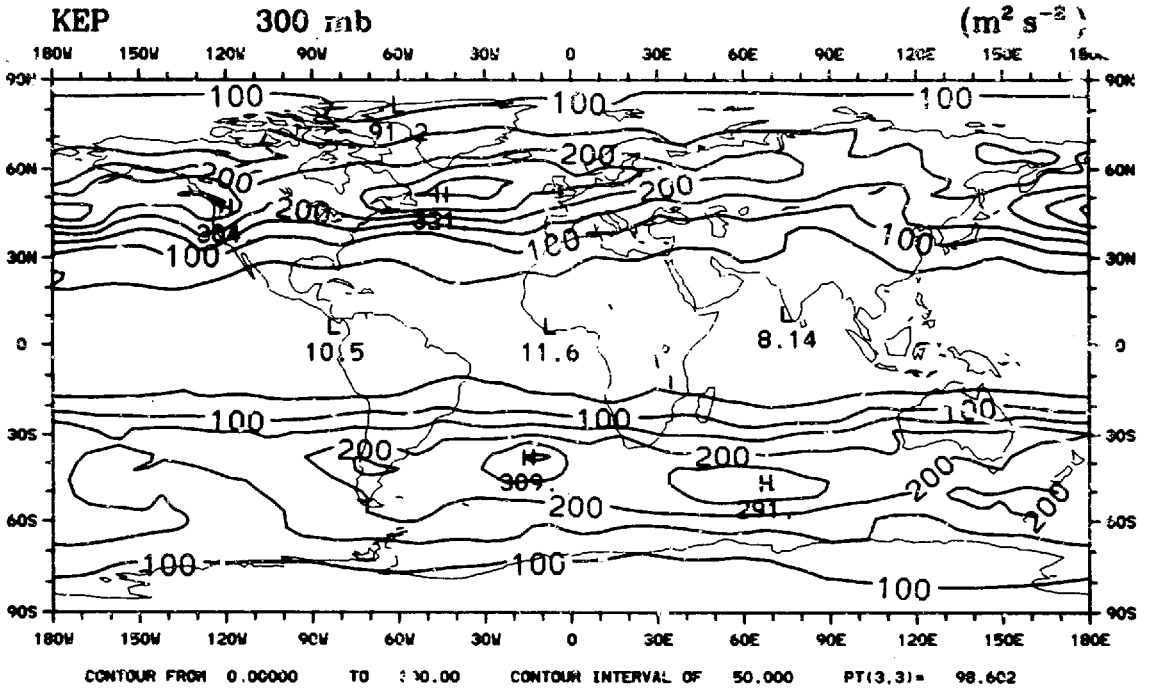

FRAME 2.61

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



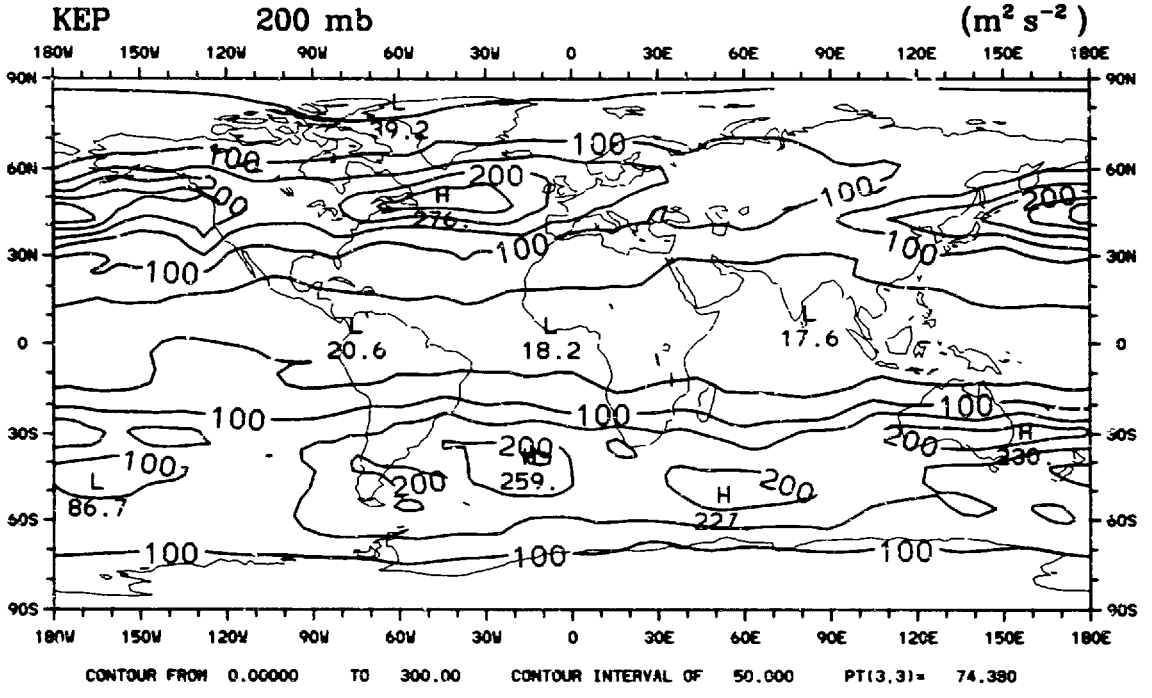

FRAME 2.62

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



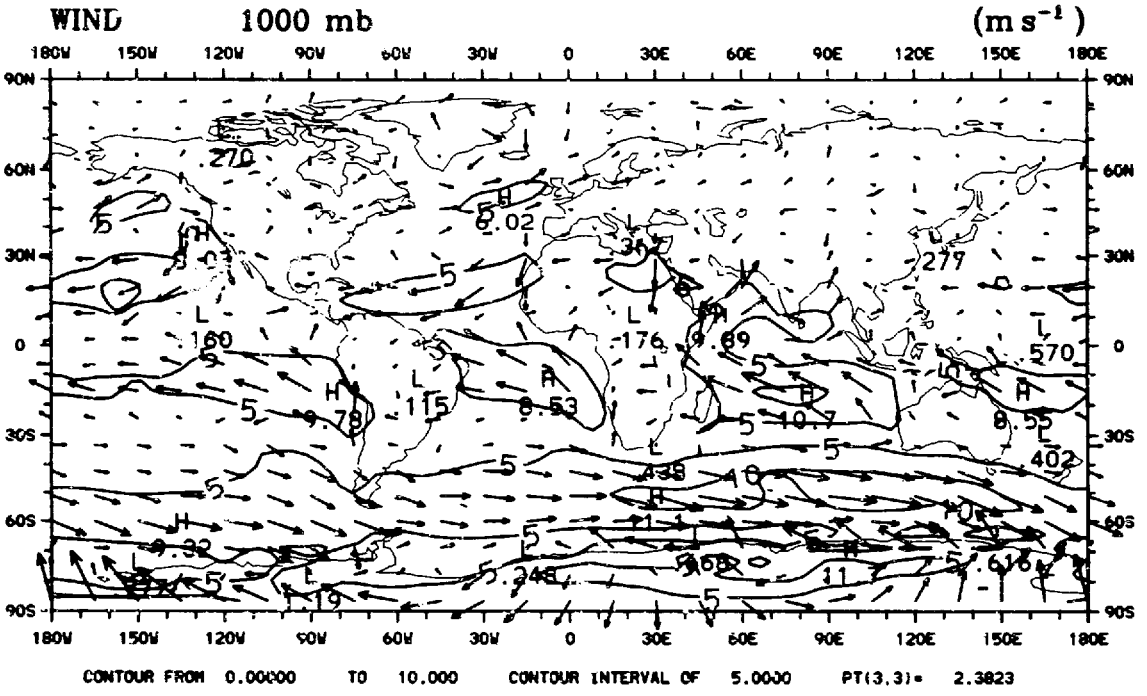

FRAME 2.63

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.64

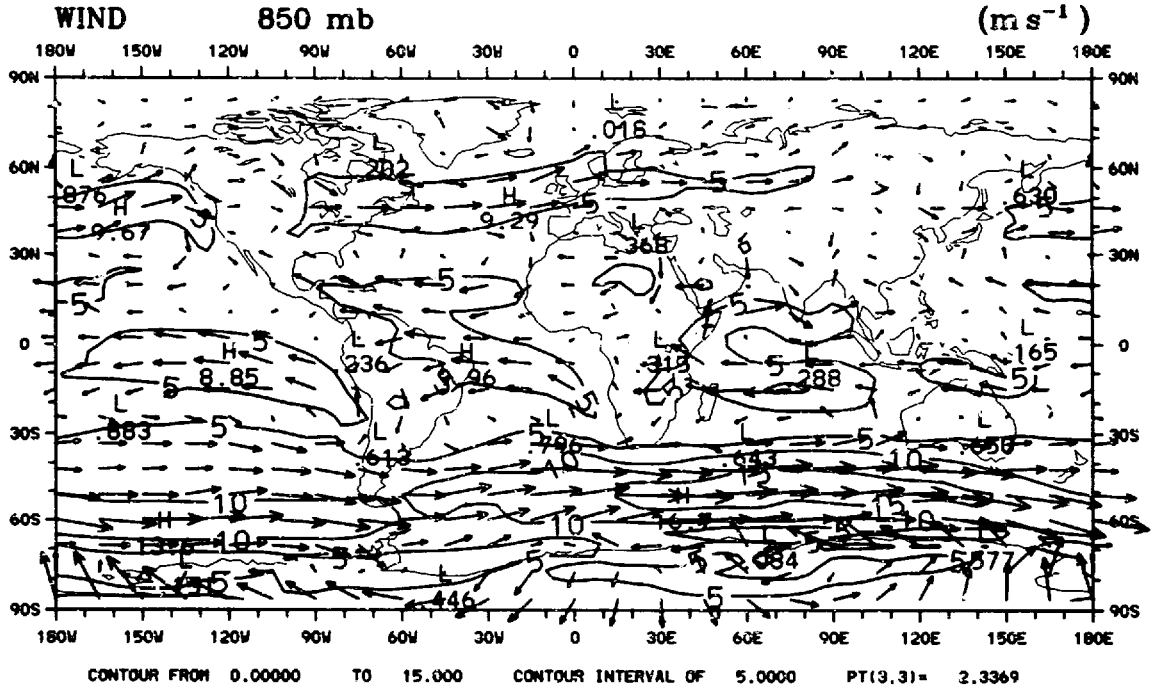
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

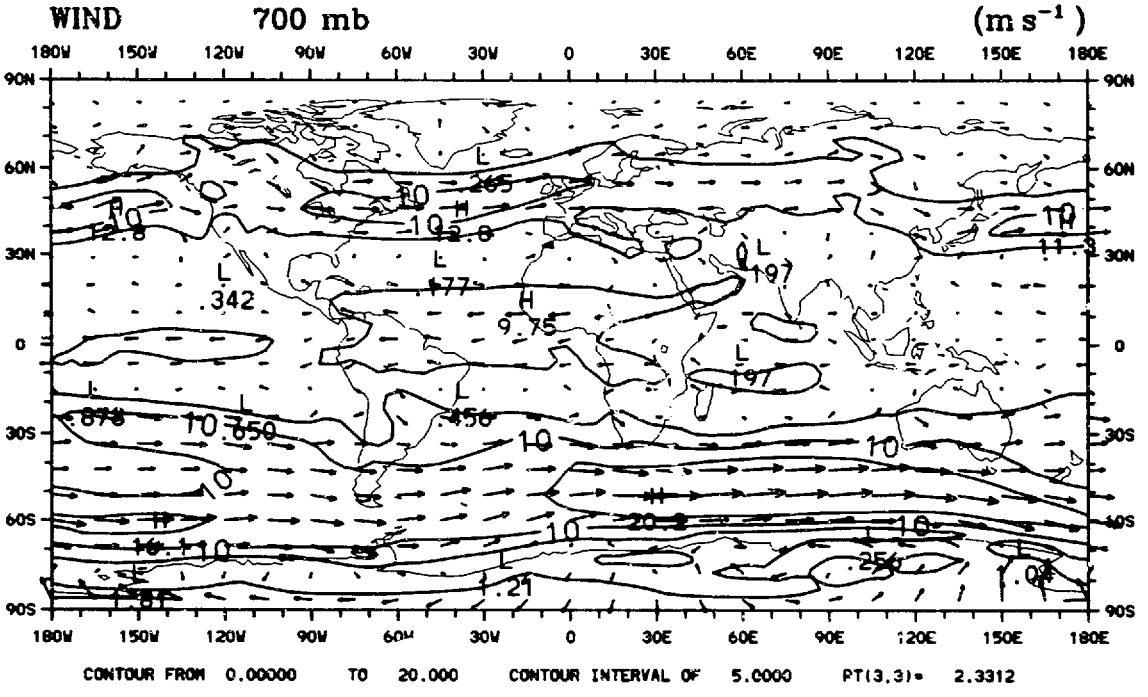
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.66

0.100E+02 →
SCALING VECTOR

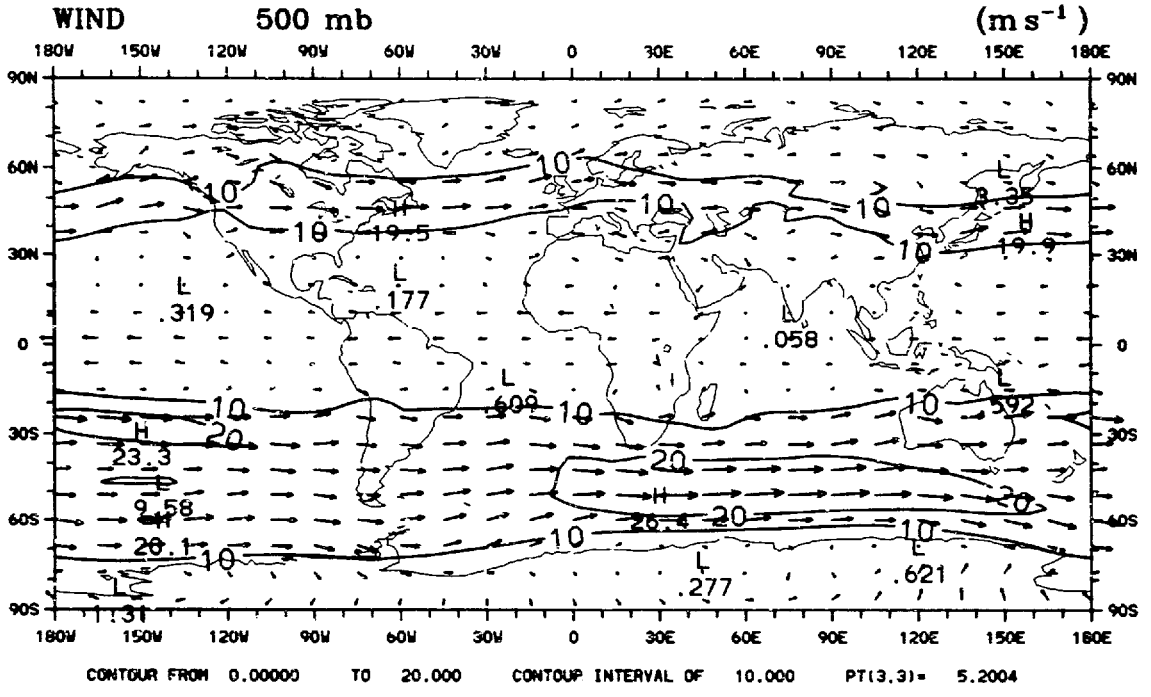
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.67

0.200E+02 →
SCALING VECTOR

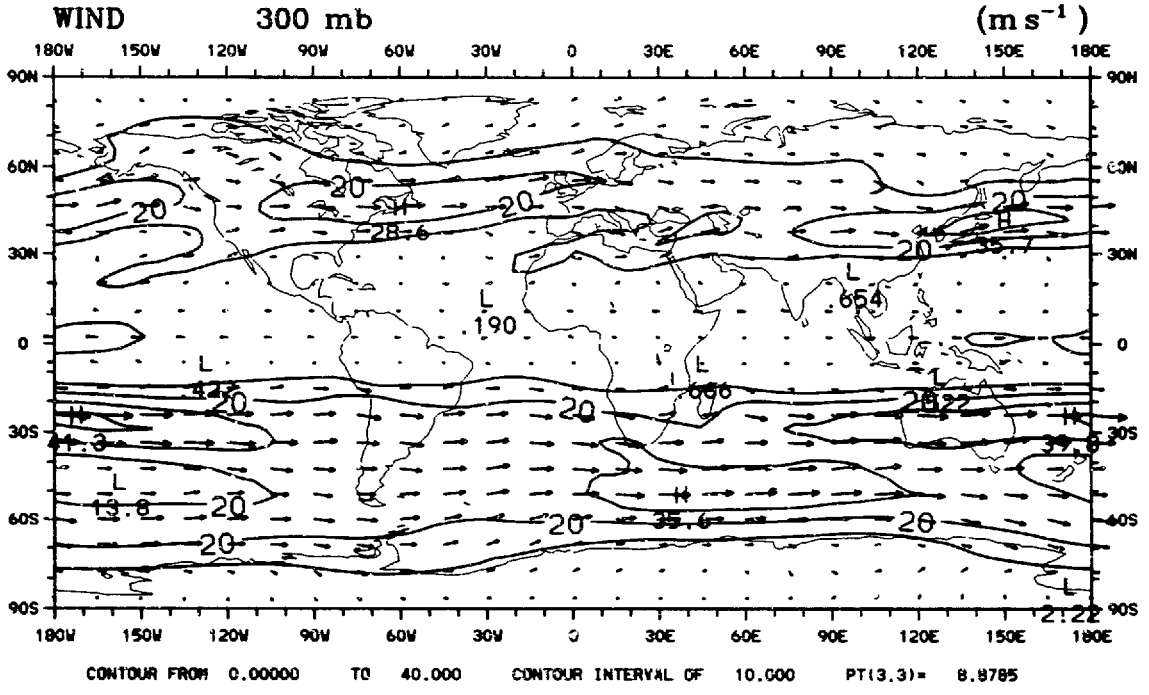
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.300E+02 ⟶
SCALING VECTOR

FRAME 2.68

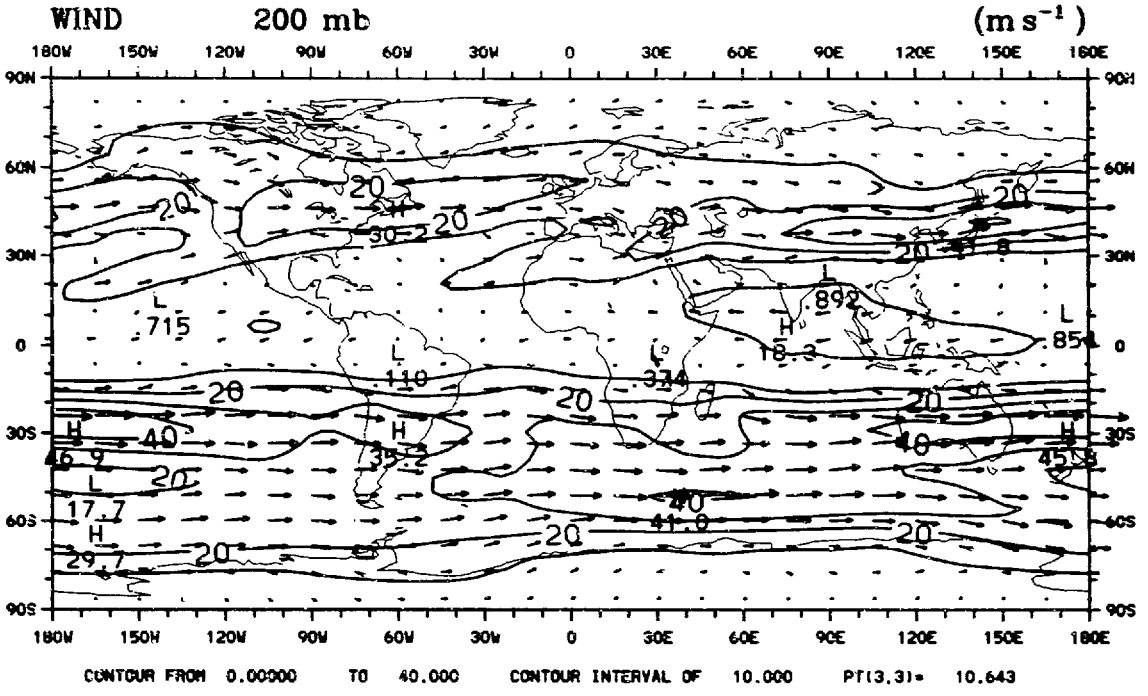
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

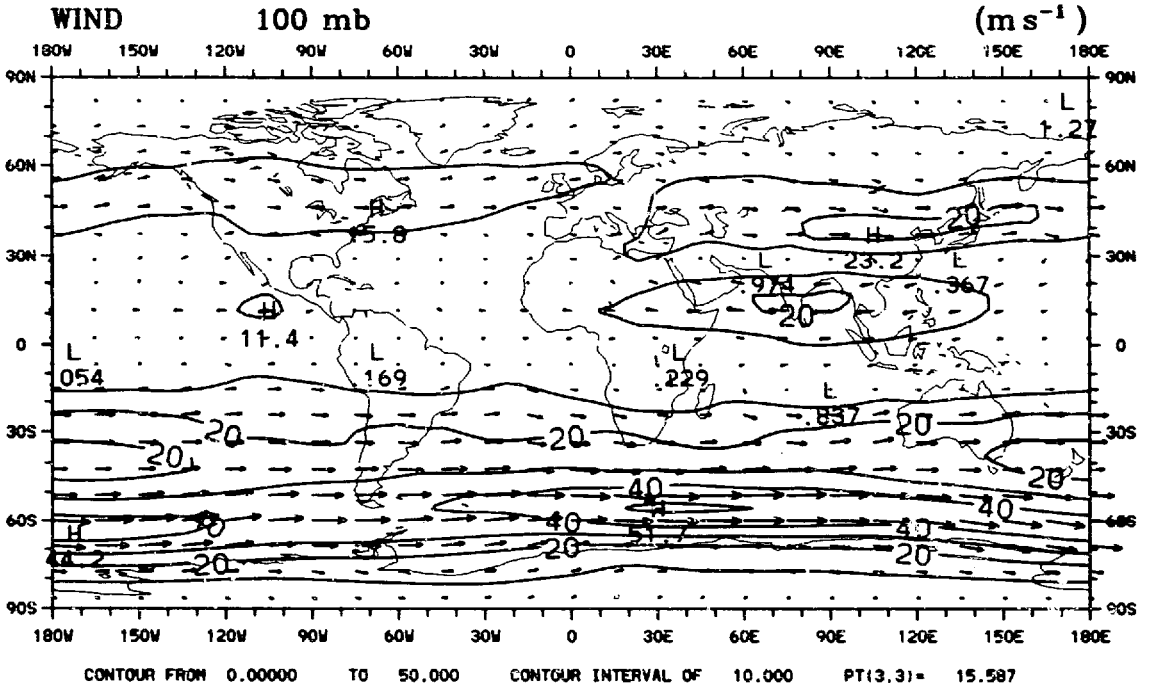
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.70

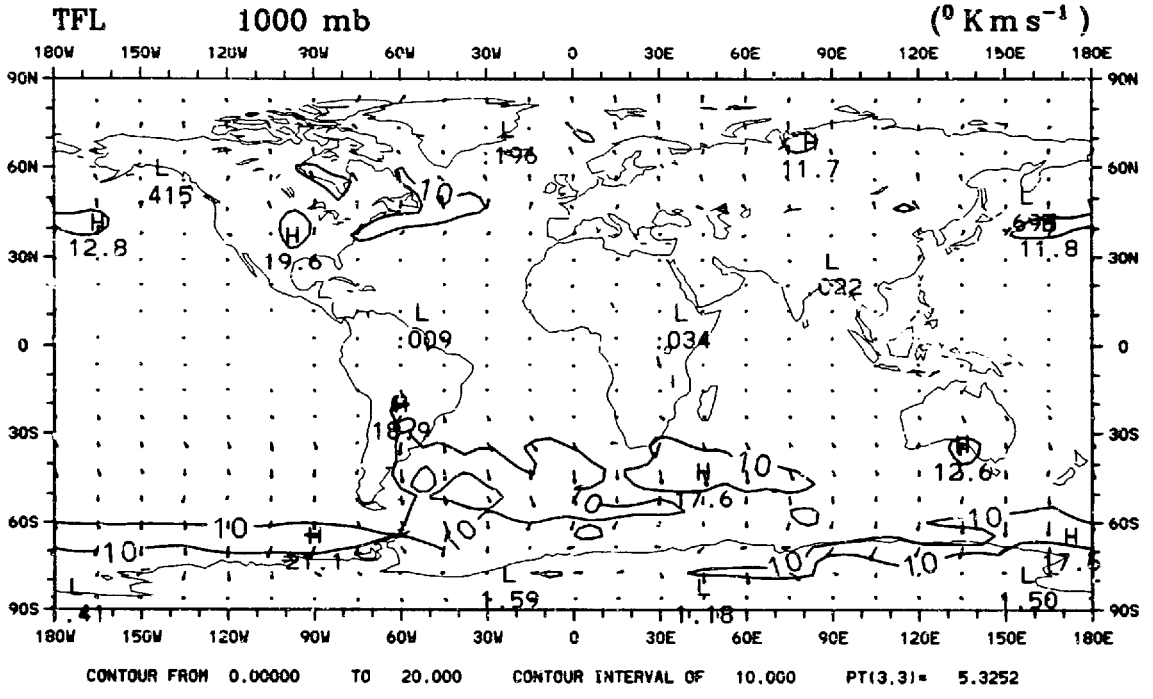
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

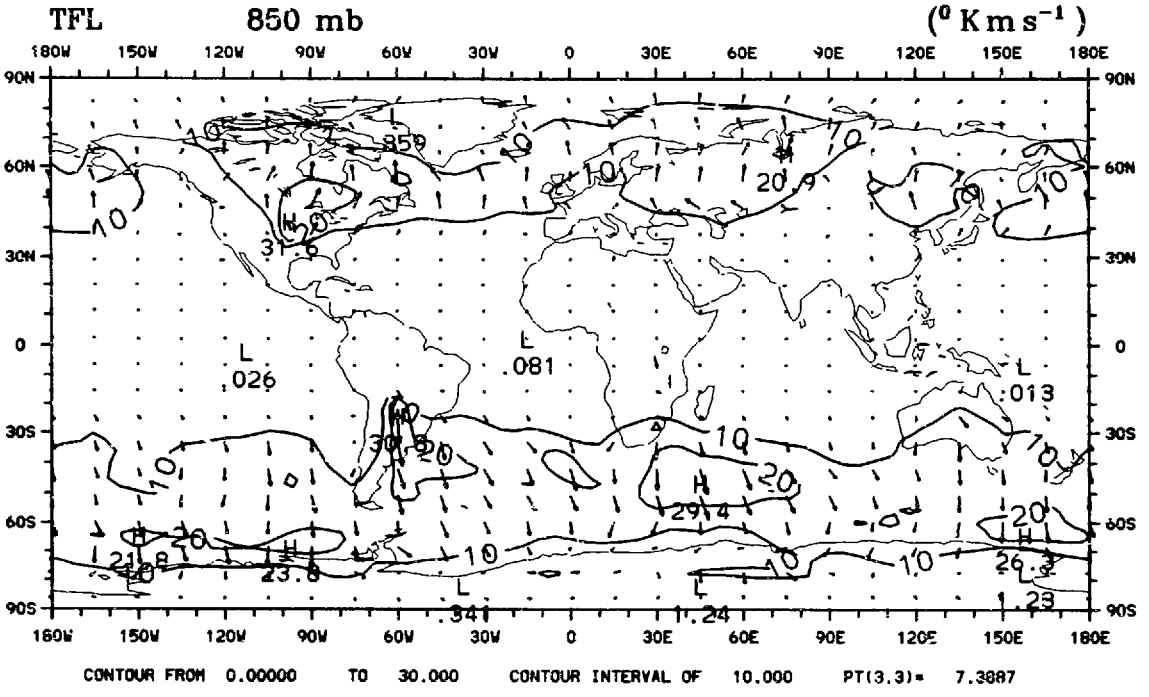



CONTOUR FROM 0.00000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 5.3252

0.500E+02 ⟶
SCALING VECTOR

FRAME 2.72

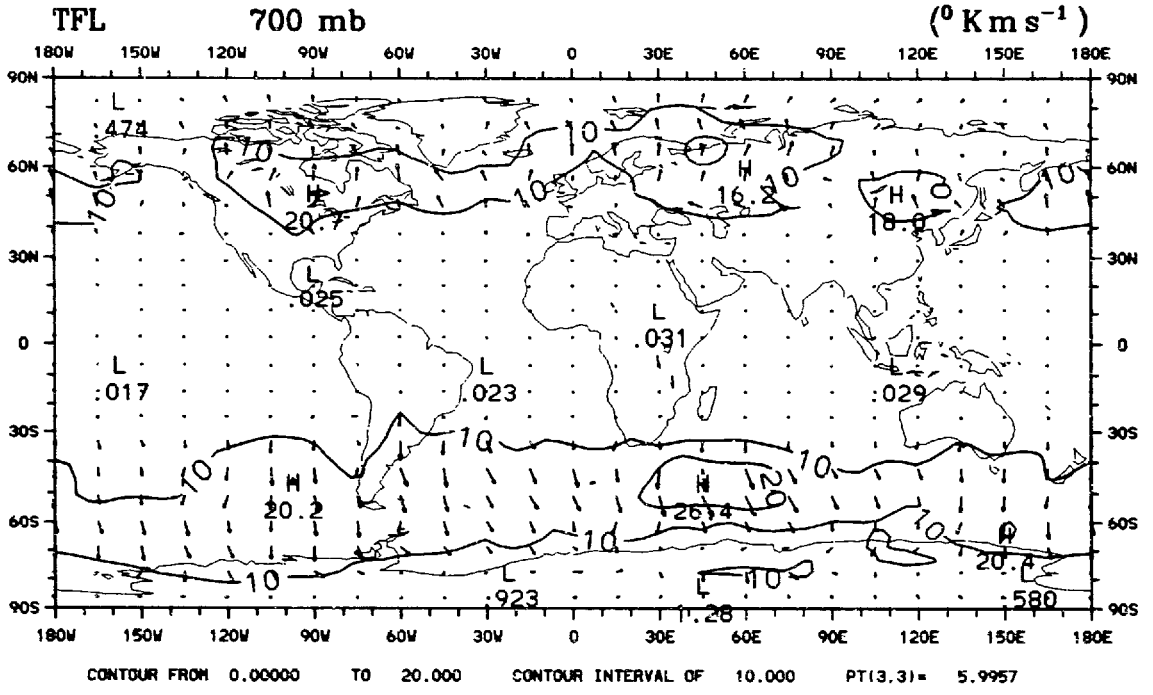
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

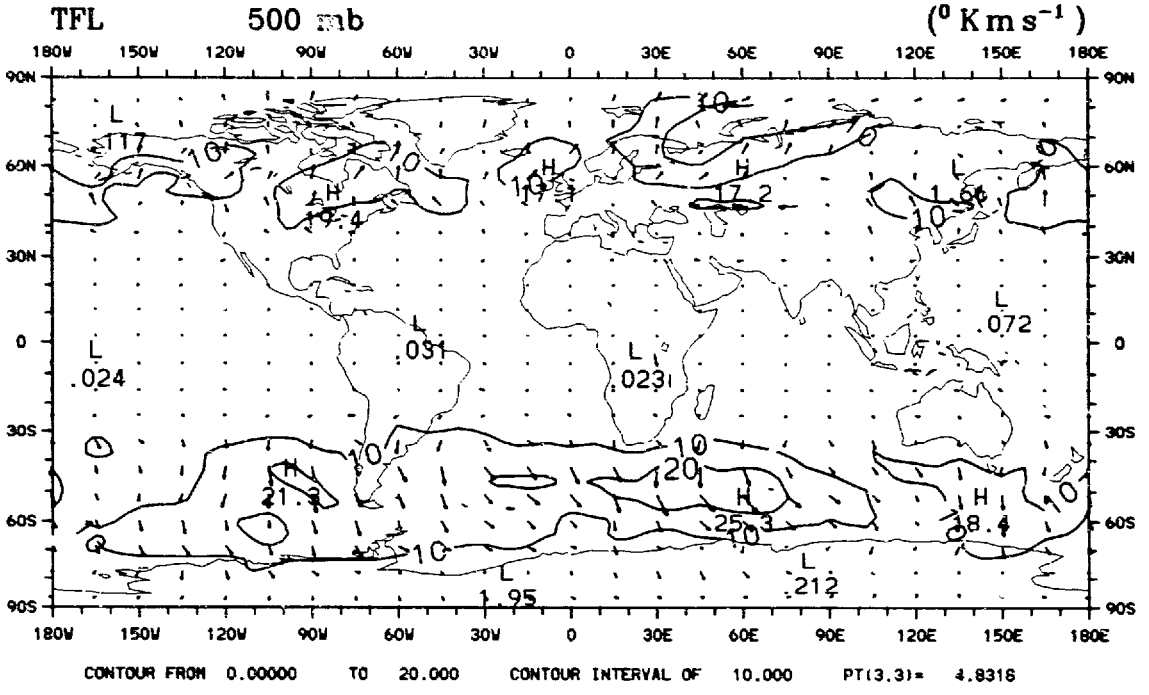
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.74

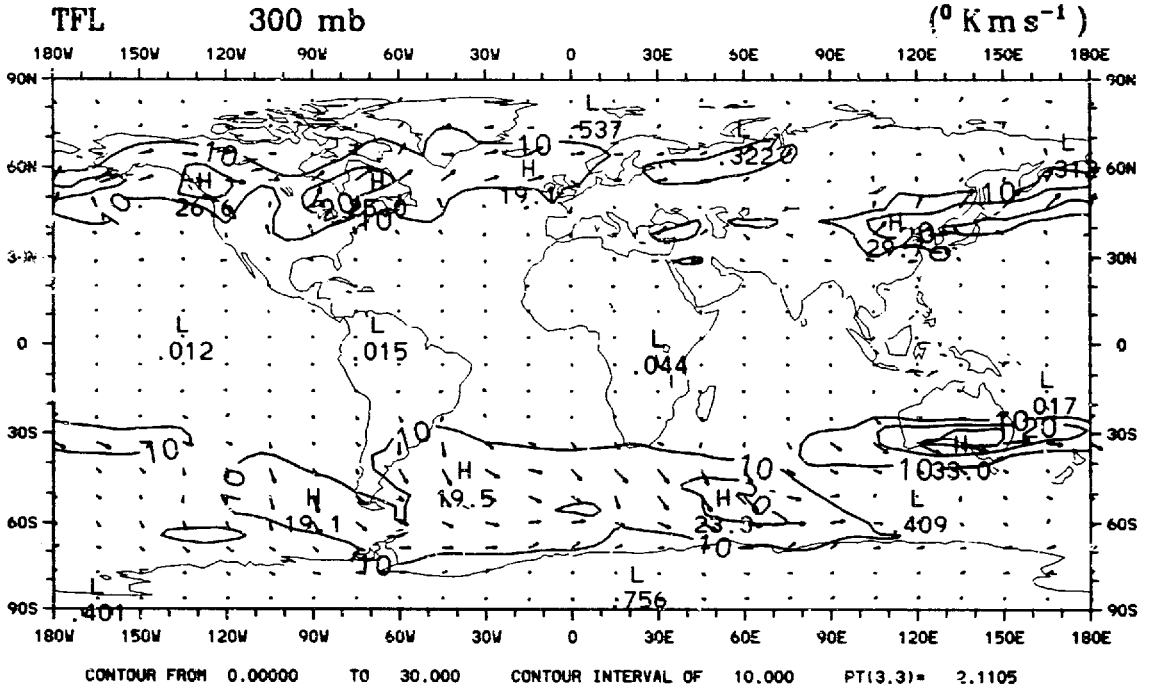
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

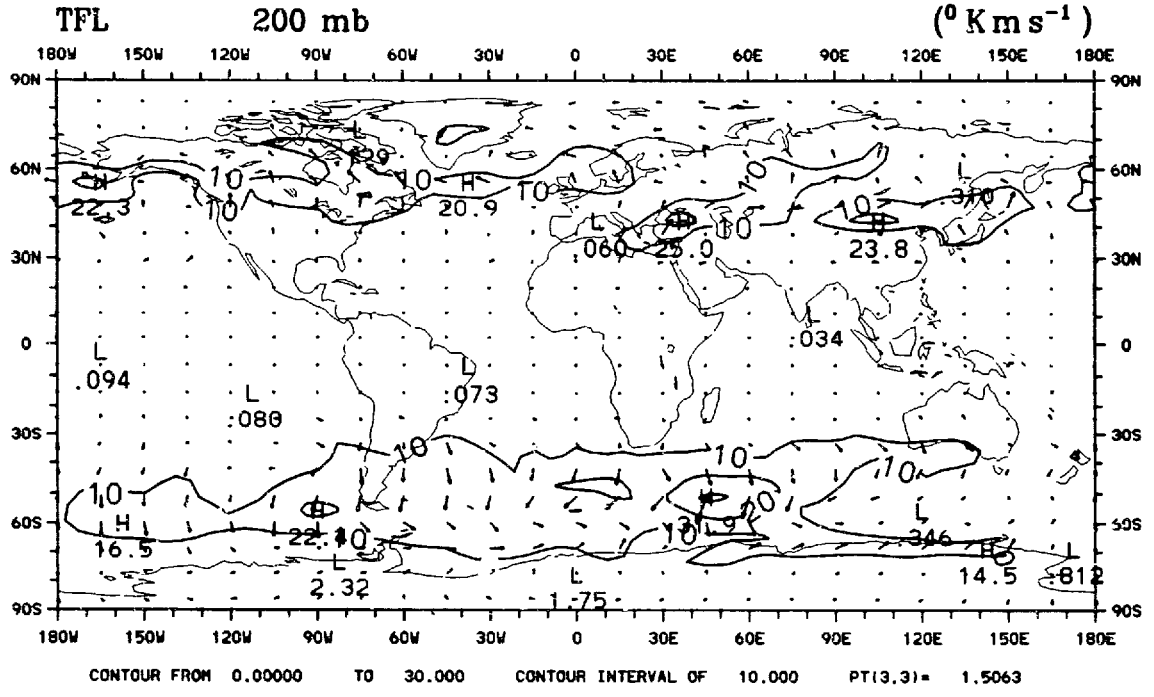
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.76

0.500E+02 →
SCALING VECTOR

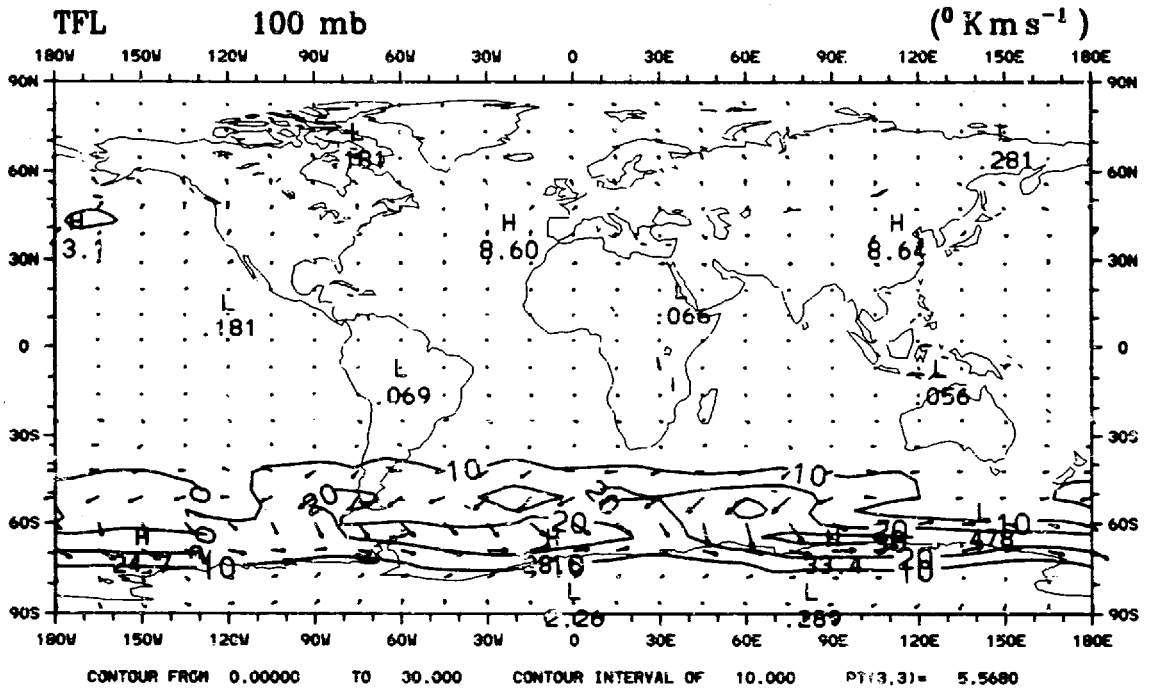
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

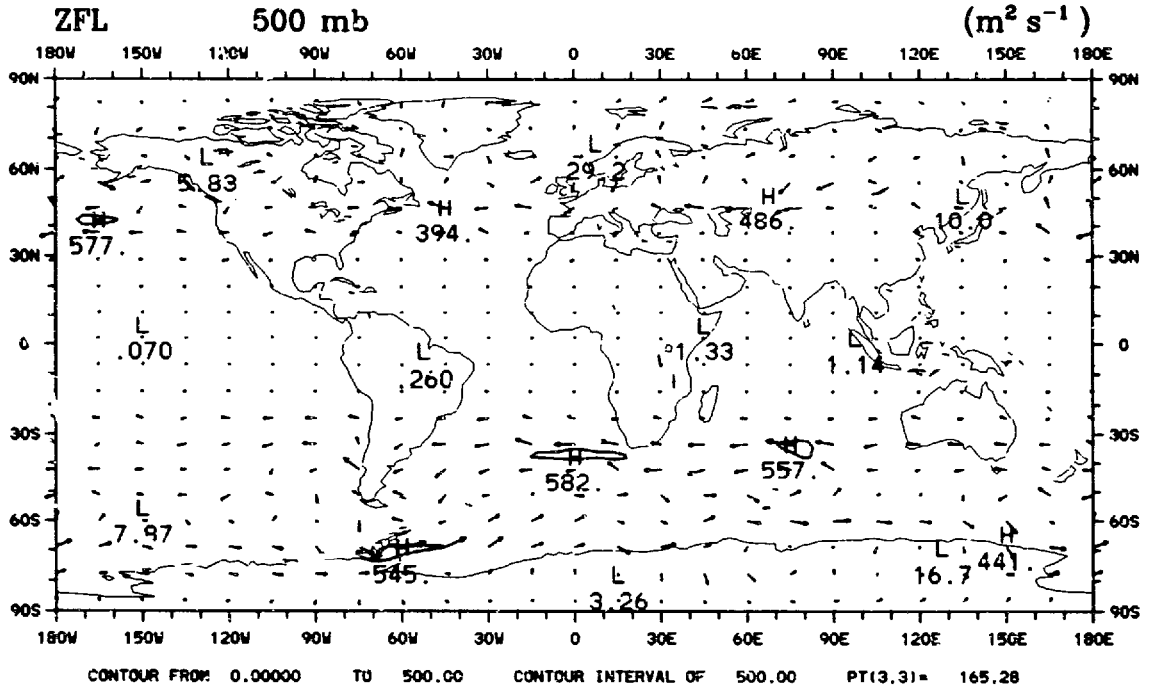
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

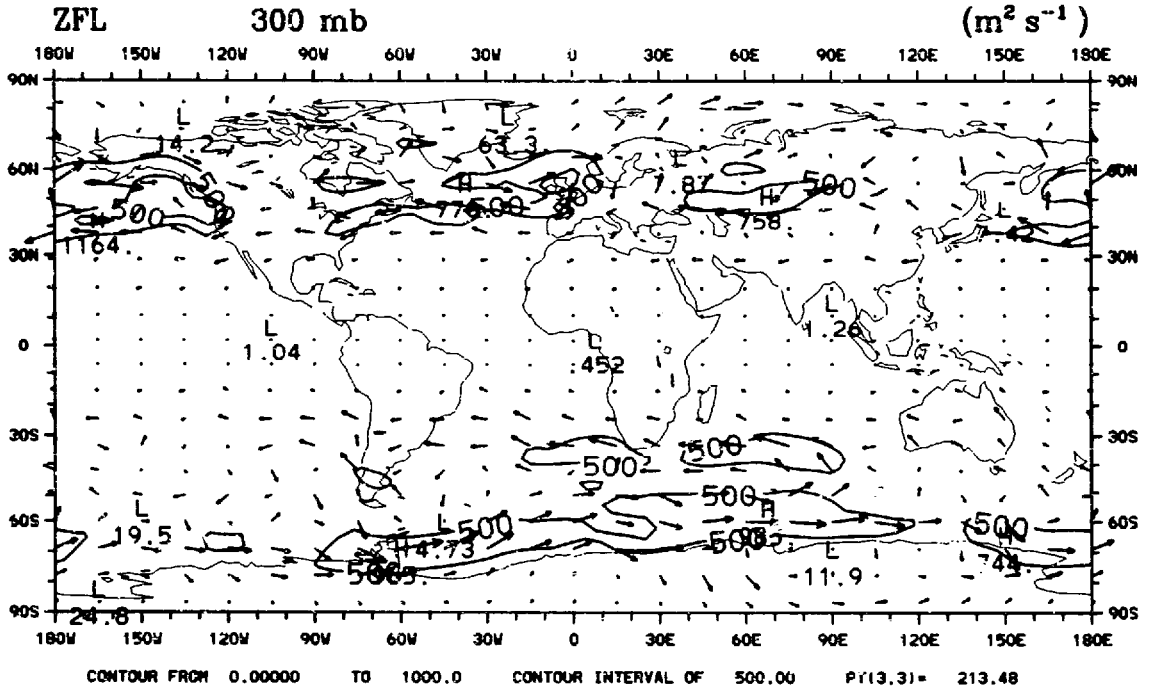
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.79

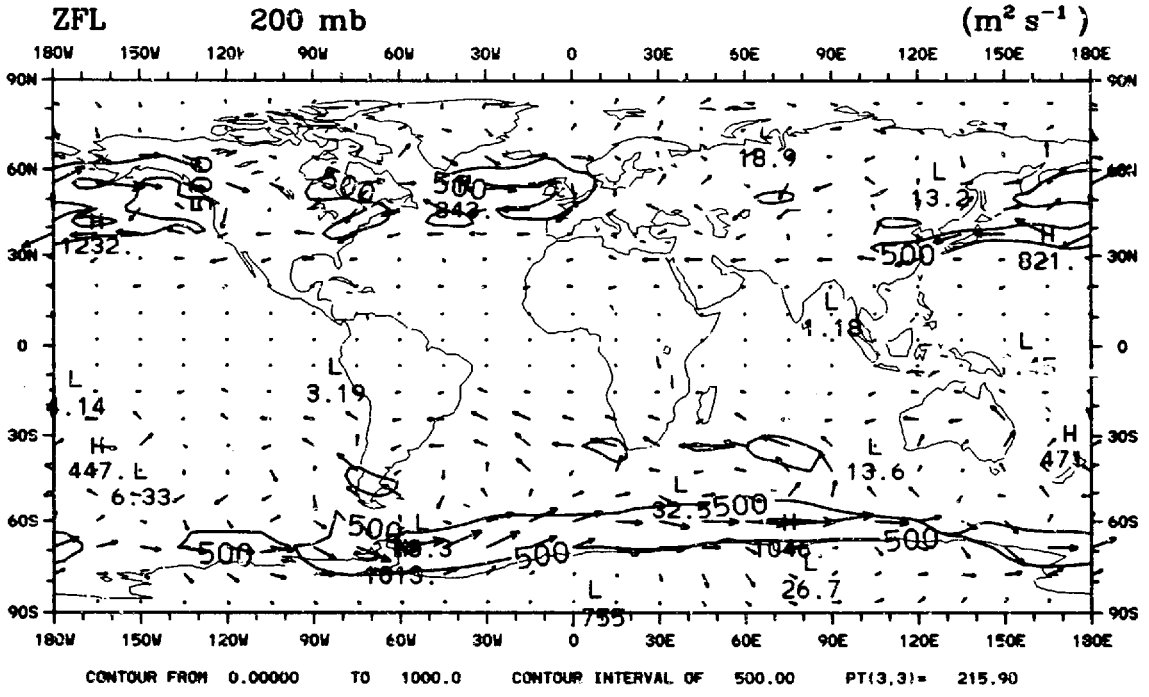
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.80

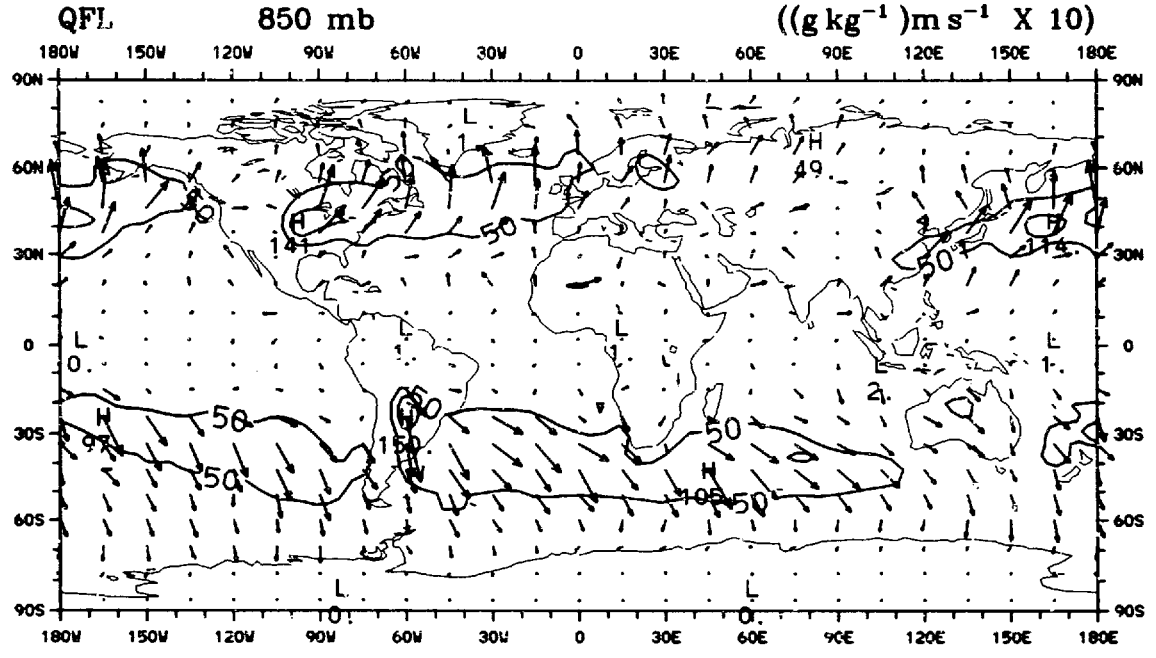
EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.81

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

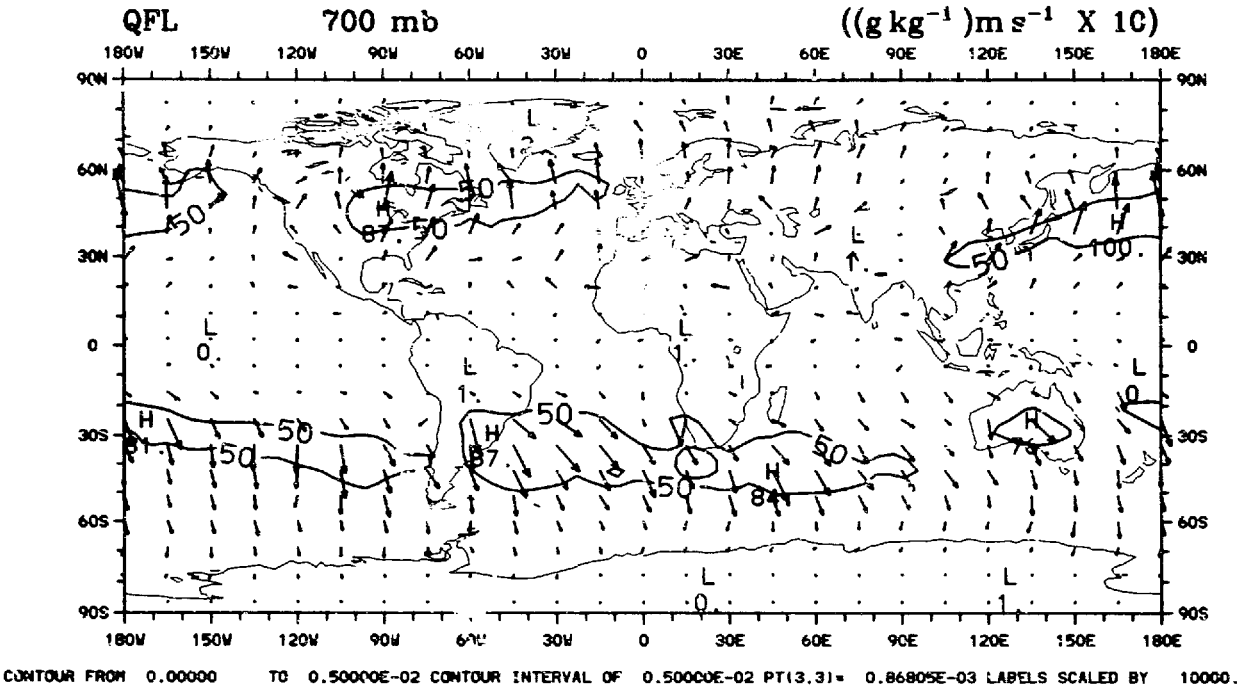



CONTOUR FROM 0.00000 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.97332E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.82

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

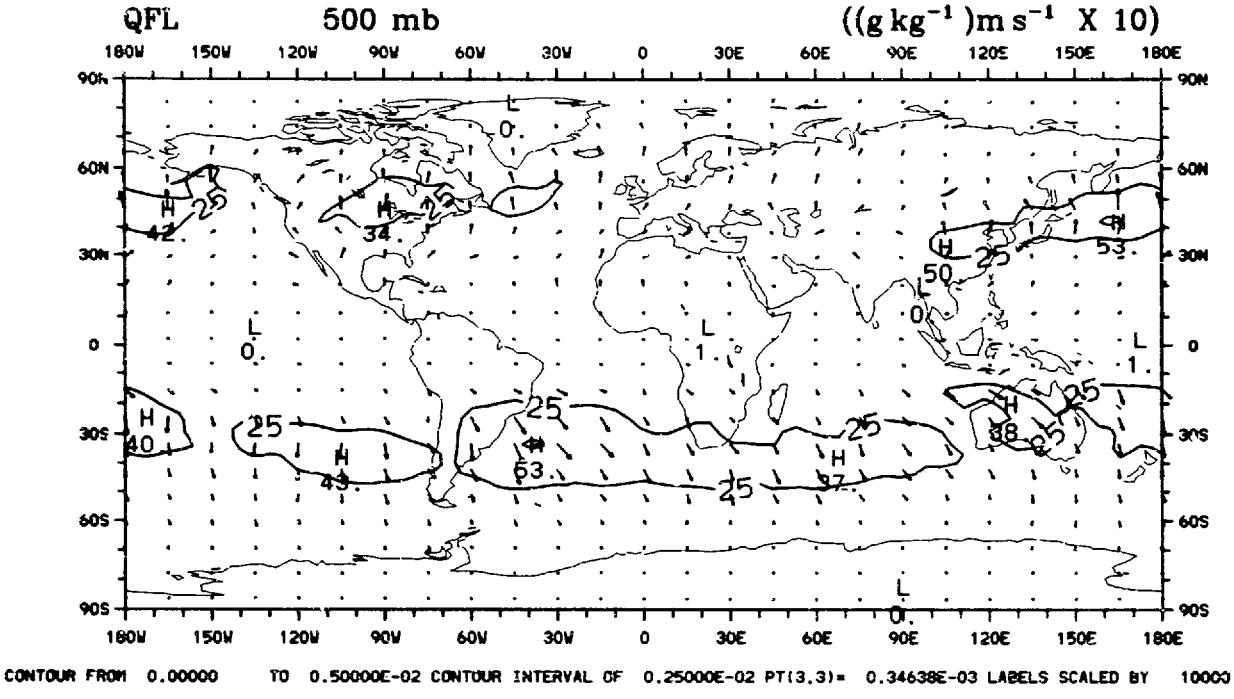



CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.86805E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.83

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)



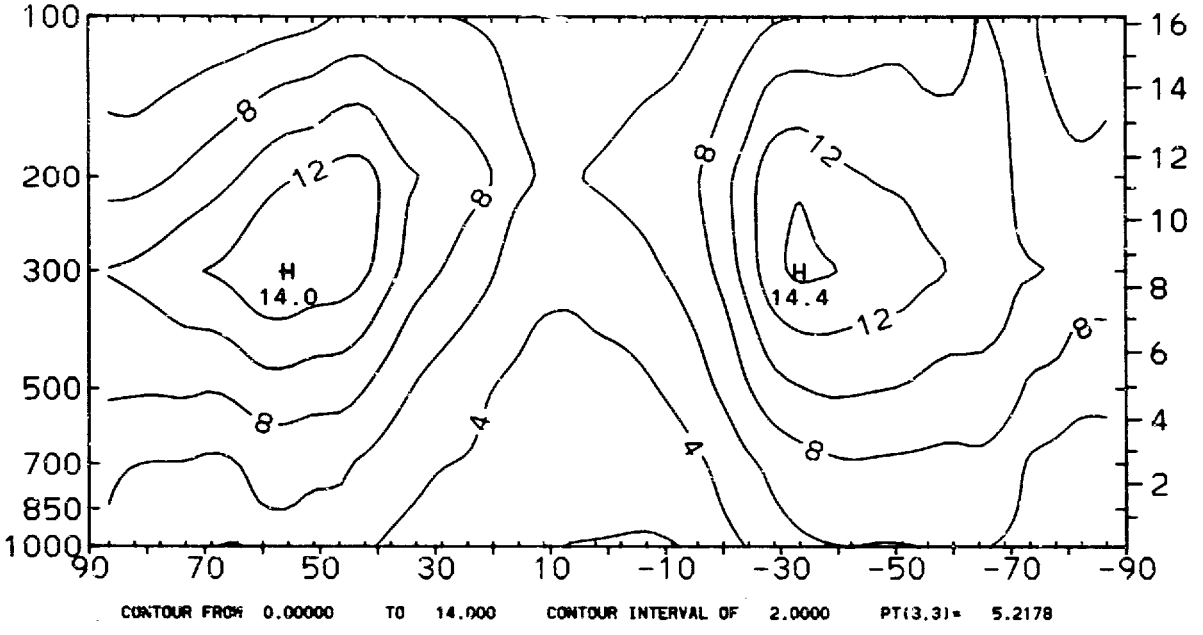

CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.34638E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.84

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

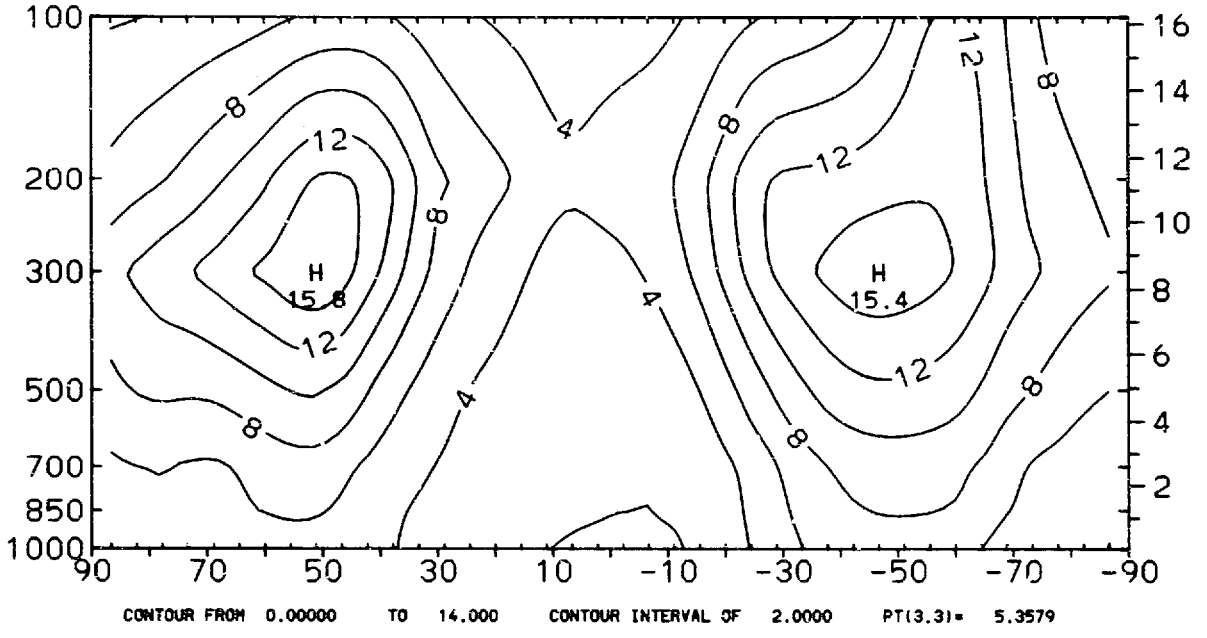
SDU (m s$^{-1}$)




FRAME 2.85

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

SDV (m s$^{-1}$)

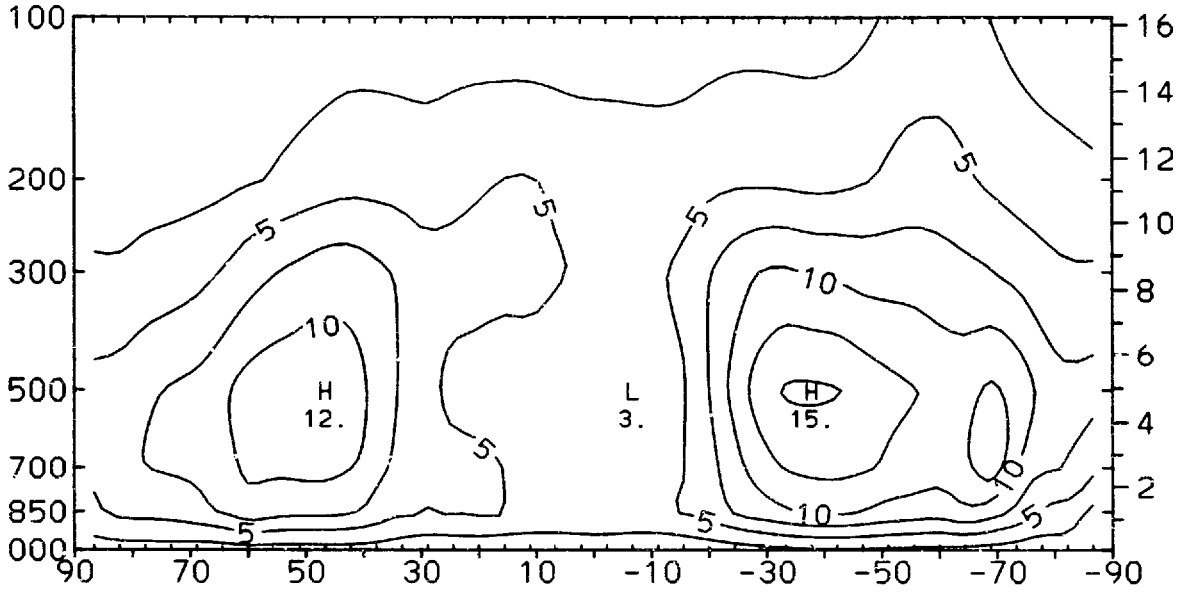



CONTOUR FROM 0.00000 TO 14.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 5.3579

FRAME 2.86

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

SDW (mb $s^{-1}$ X $10^4$)

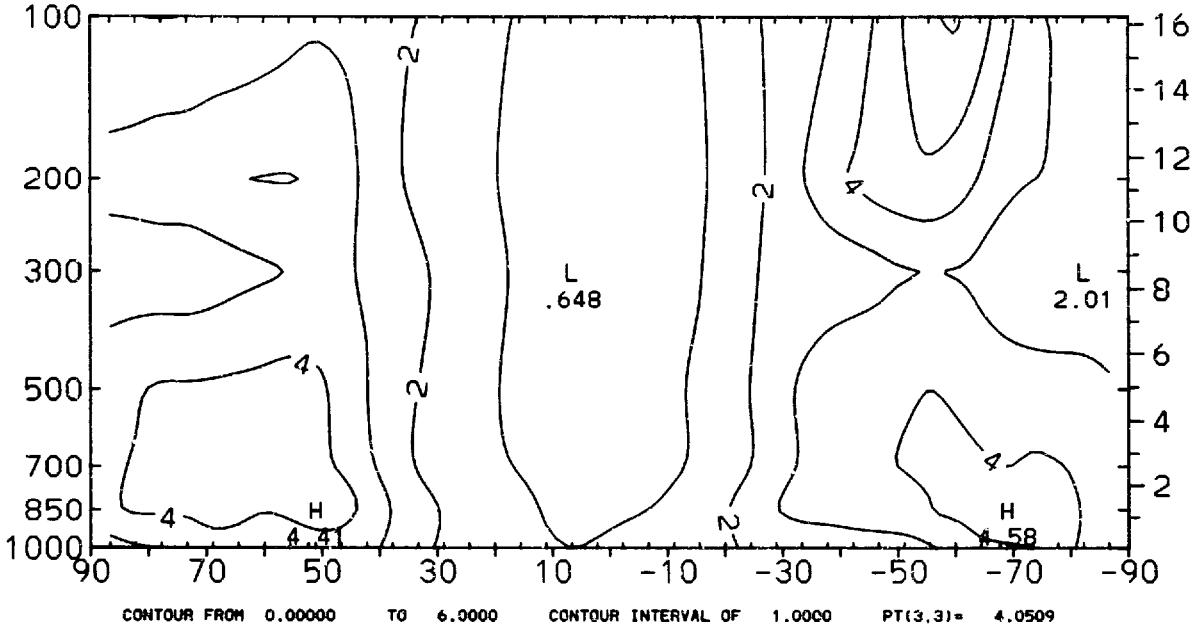



CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 P7(3,3)= 0.78387E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

SDT (° K)

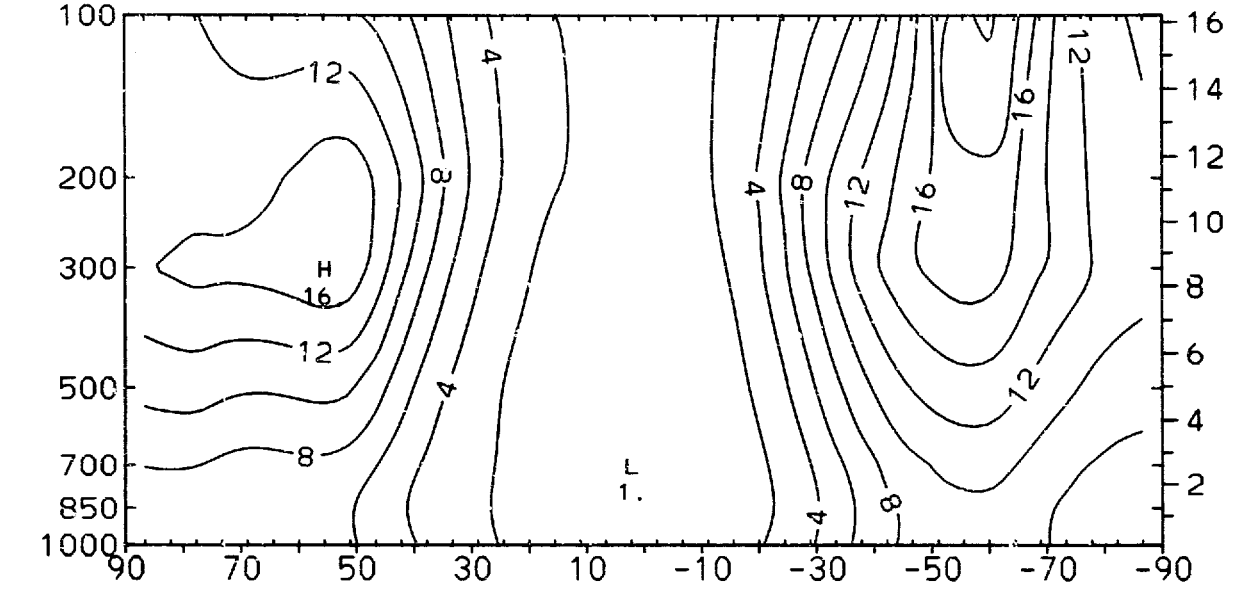



CONTOUR FROM 0.00000 TO 6.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 4.0509

FRAME 2,88

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

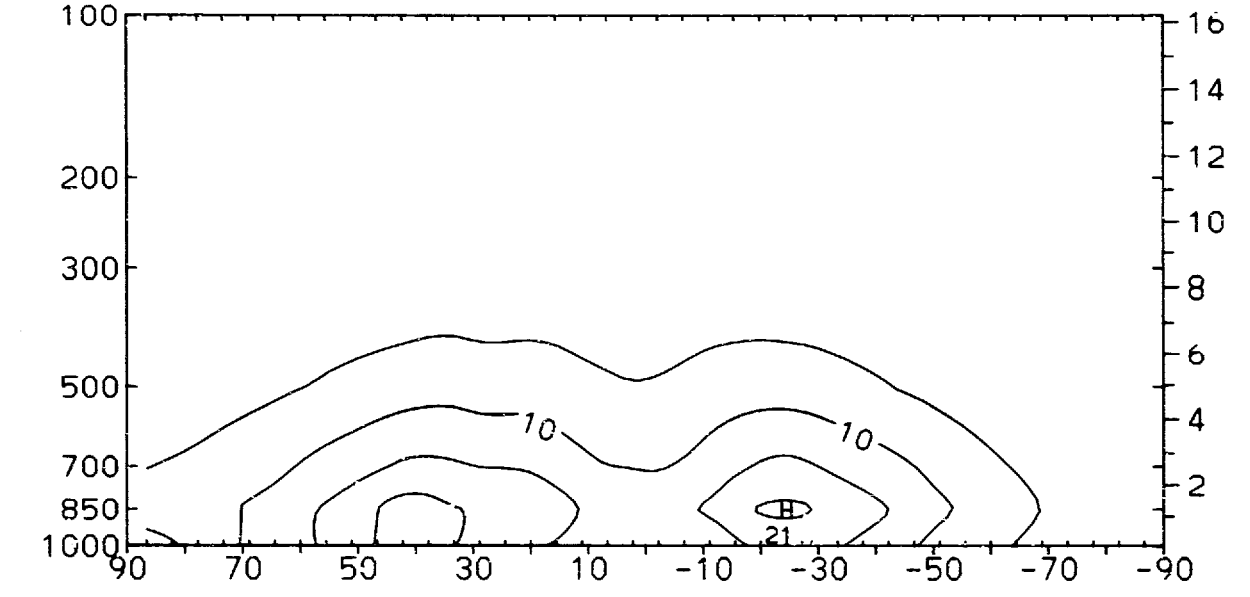



CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 79.187 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

SDQ (g kg$^{-1}$ X 10)

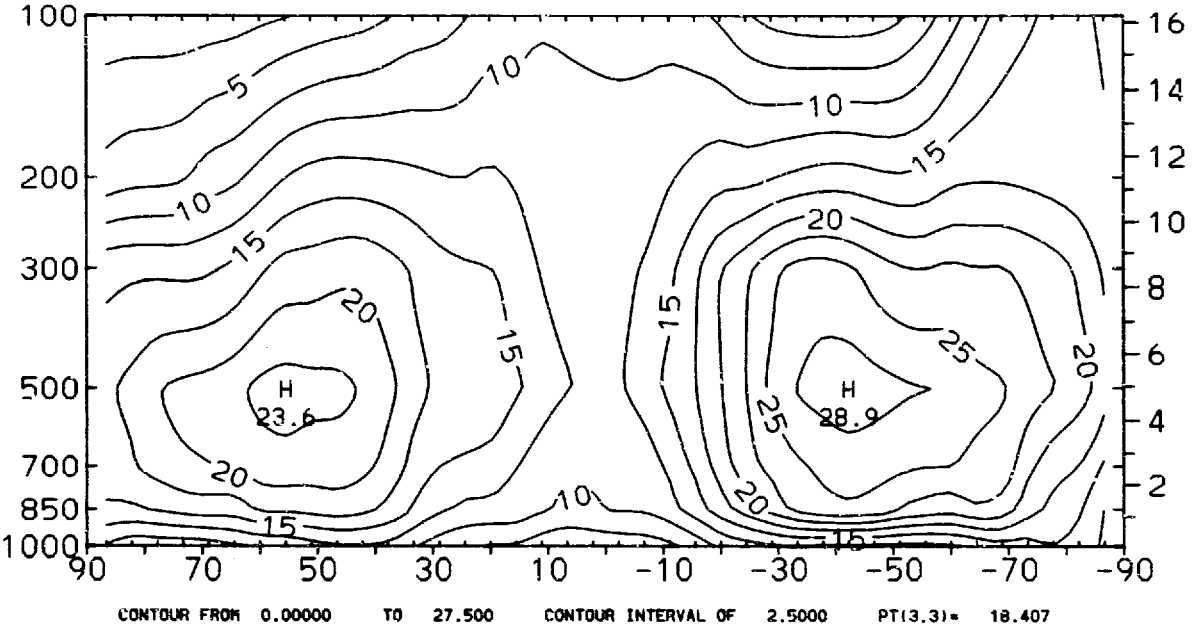



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.18975E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

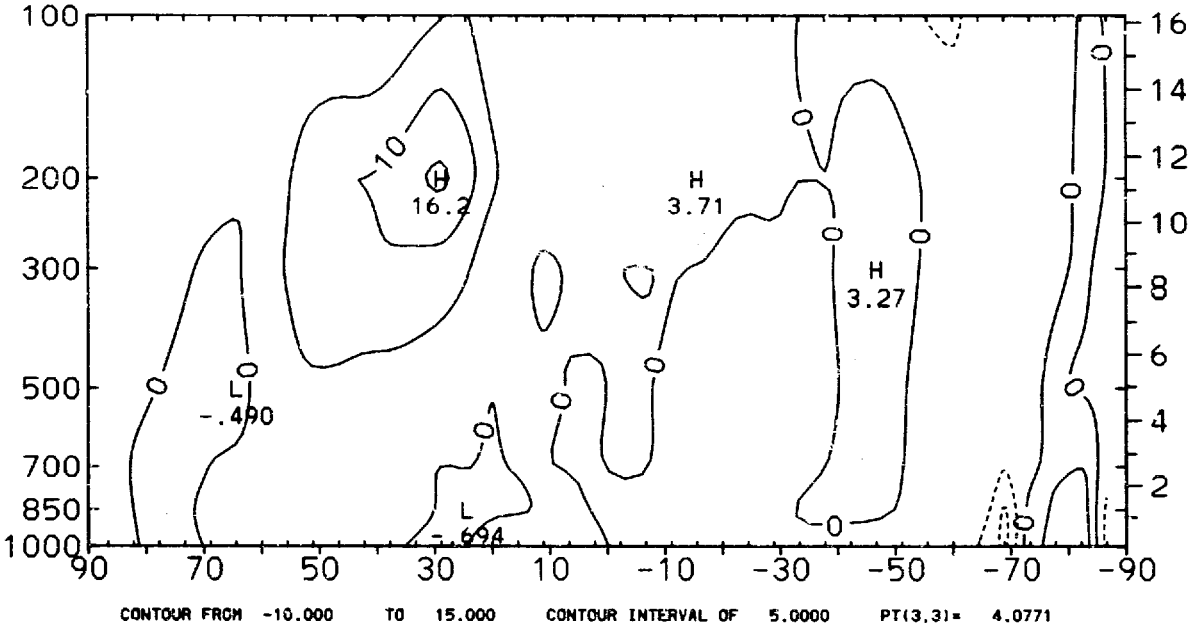
SDRH (%)




FRAME 2.9

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

UVS $(m^2 s^{-2})$

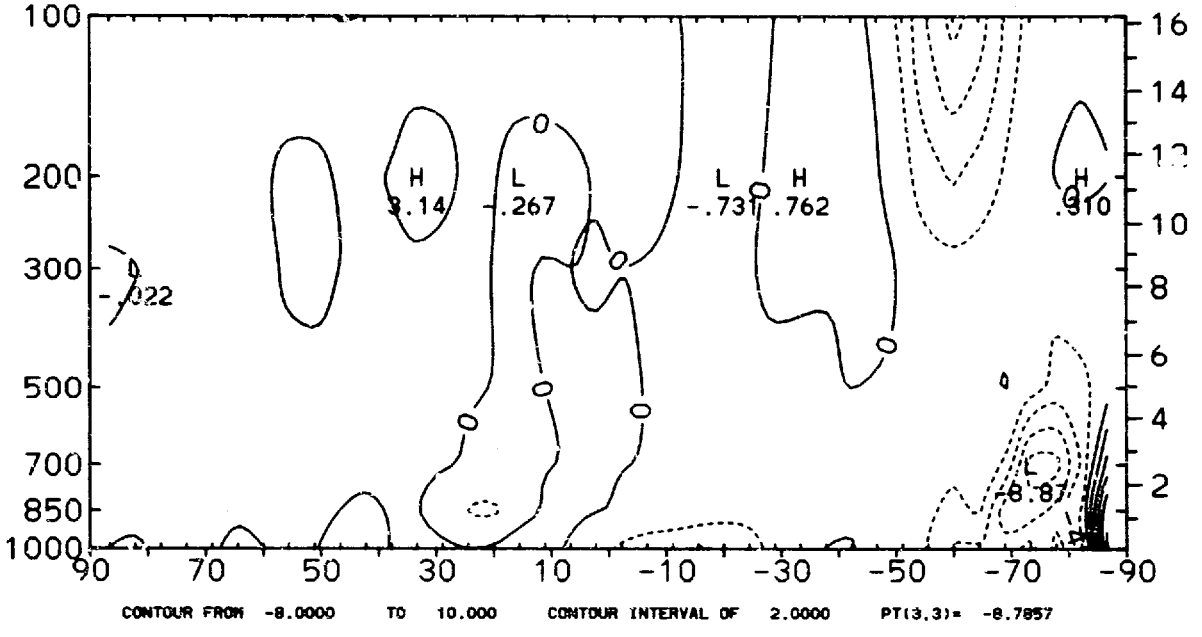



CONTOUR FROM -10.000 TO 15.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 4.0771

FRAME 2.92

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979-1986)

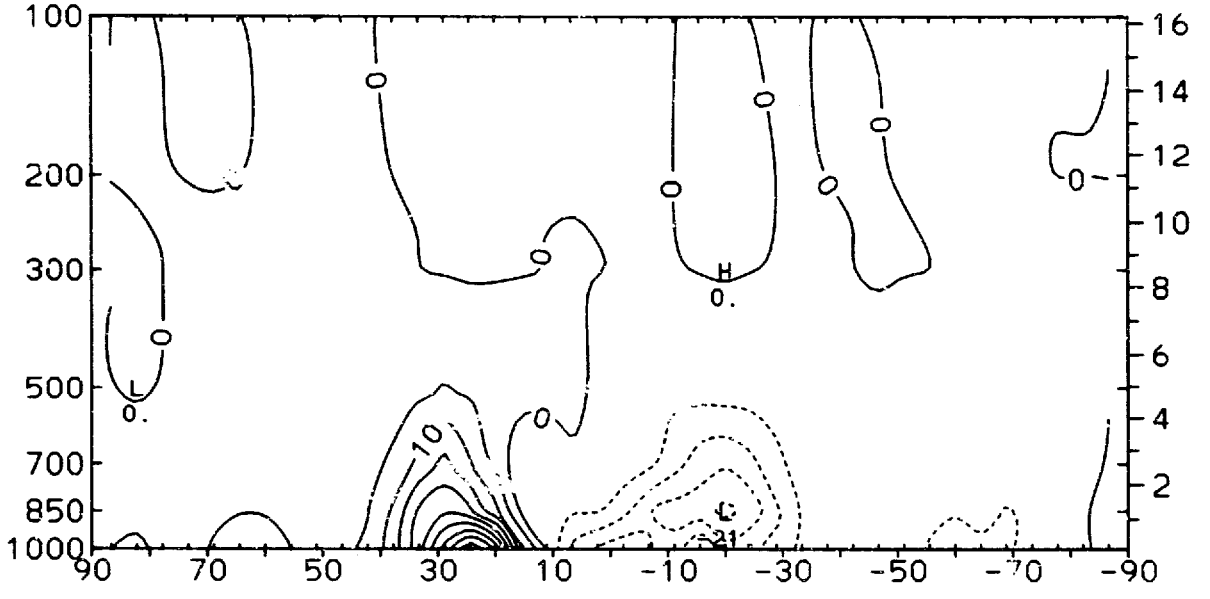
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

VQS $((g\,kg^{-1})m\,s^{-1}$ X 10)

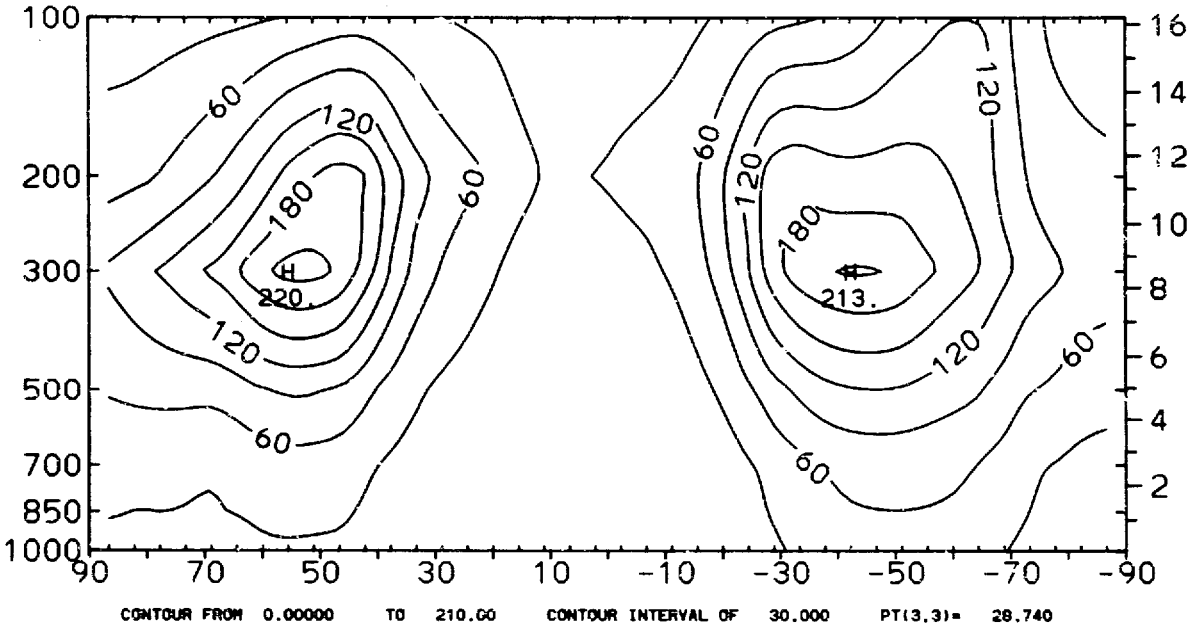



CONTOUR FROM -0.20000E-02 TO 0.45000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.22508E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 SEPTEMBER (ENSEMBLE AVERAGE 1979–1986)

KEP $(m^2 s^{-2})$




FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 1000.P | A | 638.0 TO 3195.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 850.0P | A | 638.0 TO 3195.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 700.0P | A | 638.0 TO 3195.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 500.0P | A | 638.0 TO 3195.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 300.0P | A | 638.0 TO 3195.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 200.0P | A | 638.0 TO 3195.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | U | 100.0P | A | 638.0 TO 3195.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 1000.P | A | 638.0 TO 3195.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 850.0P | A | 638.0 TO 3195.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 700.0P | A | 638.0 TO 3195.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 500.0P | A | 638.0 TO 3195.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 300.0P | A | 638.0 TO 3195.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 200.0P | A | 638.0 TO 3195.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | V | 100.0P | A | 638.0 TO 3195.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 1000.P | A | 638.0 TO 3195.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 850.0P | A | 638.0 TO 3195.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 700.0P | A | 638.0 TO 3195.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 500.0P | A | 638.0 TO 3195.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 300.0P | A | 638.0 TO 3195.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 200.0P | A | 638.0 TO 3195.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | T | 100.0P | A | 638.0 TO 3195.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 1000.P | A | 638.0 TO 3195.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 850.0P | A | 638.0 TO 3195.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 700.0P | A | 638.0 TO 3195.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 500.0P | A | 638.0 TO 3195.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 300.0P | A | 638.0 TO 3195.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 200.0P | A | 638.0 TO 3195.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZA | 100.0P | A | 638.0 TO 3195.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 1000.P | A | 638.0 TO 3195.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 850.0P | A | 638.0 TO 3195.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 700.0P | A | 638.0 TO 3195.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 500.0P | A | 638.0 TO 3195.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 300.0P | A | 638.0 TO 3195.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 200.0P | A | 638.0 TO 3195.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | OMEGA | 100.0P | A | 638.0 TO 3195.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 1000.P | A | 638.0 TO 3195.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 850.0P | A | 638.0 TO 3195.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 700.0P | A | 638.0 TO 3195.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 500.0P | A | 638.0 TO 3195.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | Q | 300.0P | A | 638.0 TO 3195.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 1000.P | A | 638.0 TO 3195.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 850.0P | A | 638.0 TO 3195.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 700.0P | A | 638.0 TO 3195.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 500.0P | A | 638.0 TO 3195.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 300.0P | A | 638.0 TO 3195.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 200.0P | A | 638.0 TO 3195.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UTP | 100.0P | A | 638.0 TO 3195.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 1000.P | A | 638.0 TO 3195.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 850.0P | A | 638.0 TO 3195.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 700.0P | A | 638.0 TO 3195.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 638.0 TO 3195.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 638.0 TO 3195.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 638.0 TO 3195.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 638.0 TO 3195.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 638.0 TO 3195.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 638.0 TO 3195.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 638.0 TO 3195.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 638.0 TO 3195.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 638.0 TO 3195.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 638.0 TO 3195.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 638.0 TO 3195.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 638.0 TO 3195.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 638.0 TO 3195.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 638.0 TO 3195.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 638.0 TO 3195.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 638.0 TO 3195.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 638.0 TO 3195.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 638.0 TO 3195.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 638.0 TO 3195.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 638.0 TO 3195.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 638.0 TO 3195.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 638.0 TO 3195.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 638.0 TO 3195.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 638.0 TO 3195.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 638.0 TO 3195.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 638.0 TO 3195.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 638.0 TO 3195.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 638.0 TO 3195.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 638.0 TO 3195.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 638.0 TO 3195.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 638.0 TO 3195.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 638.0 TO 3195.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 638.0 TO 3195.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 638.0 TO 3195.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 638.0 TO 3195.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 638.0 TO 3195.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 638.0 TO 3195.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 638.0 TO 3195.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 638.0 TO 3195.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 638.0 TO 3195.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 638.0 TO 3195.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 638.0 TO 3195.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 638.0 TO 3195.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 638.0 TO 3195.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 638.0 TO 3195.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 638.0 TO 3195.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 638.0 TO 3195.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 638.0 TO 3195.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 638.0 TO 3195.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 638.0 TO 3195.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 638.0 TO 3195.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 638.0 TO 3195.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 638.0 TO 3195.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 638.0 TO 3195.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 638.0 TO 3195.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 638.0 TO 3195.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 638.0 TO 3195.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 638.0 TO 3195.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 638.0 TO 3195.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 638.0 TO 3195.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 638.0 TO 3195.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 638.0 TO 3195.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 638.0 TO 3195.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 638.0 TO 3195.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 638.0 TO 3195.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 638.0 TO 3195.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 638.0 TO 3195.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 638.0 TO 3195.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 638.0 TO 3195.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 638.0 TO 3195.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 638.0 TO 3195.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 638.0 TO 3195.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 638.0 TO 3195.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 638.0 TO 3195.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 638.0 TO 3195.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 638.0 TO 3195.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 638.0 TO 3195.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 638.0 TO 3195.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 638.0 TO 3195.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 638.0 TO 3195.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 638.0 TO 3195.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 638.0 TO 3195.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 0.0P | A | 638.0 TO 3195.0 |

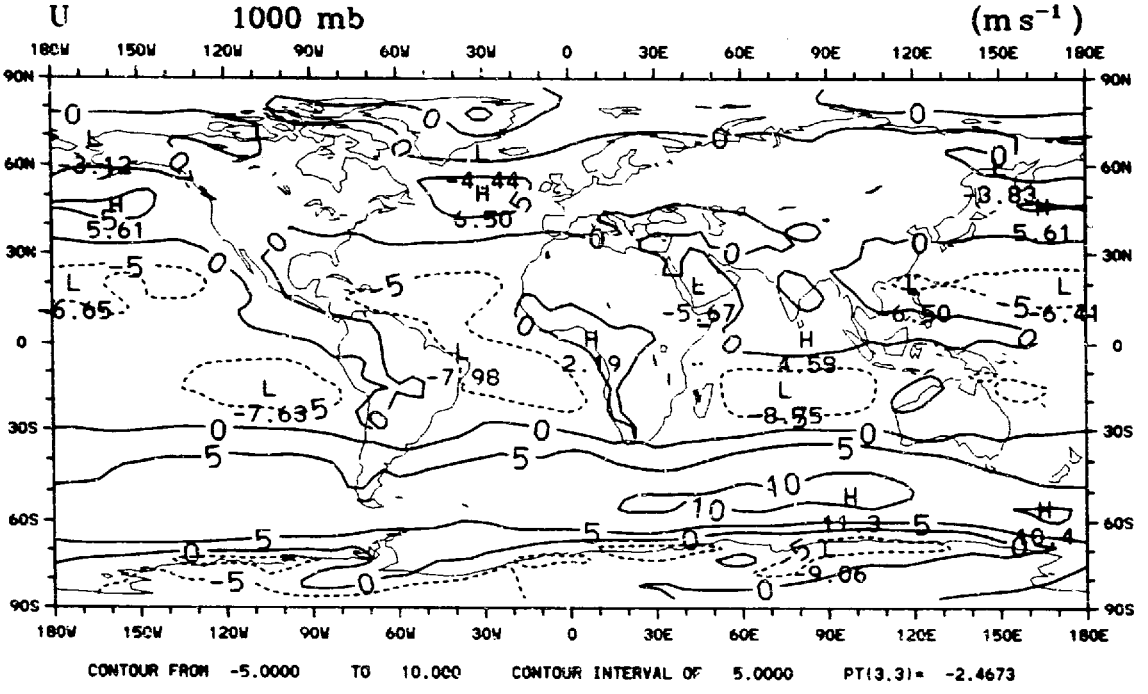
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | SDT | 500.0P | A | 638.0 TO 3195.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 638.0 TO 3195.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 638.0 TO 3195.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 638.0 TO 3195.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 638.0 TO 3195.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 638.0 TO 3195.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 638.0 TO 3195.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 638.0 TO 3195.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 638.0 TO 3195.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 638.0 TO 3195.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 638.0 TO 3195.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 638.0 TO 3195.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 638.0 TO 3195.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 638.0 TO 3195.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 638.0 TO 3195.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 638.0 TO 3195.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 638.0 TO 3195.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDFH | 500.0P | A | 638.0 TO 3195.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDFH | 300.0P | A | 638.0 TO 3195.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 638.0 TO 3195.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 638.0 TO 3195.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 638.0 TO 3195.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 638.0 TO 3195.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 638.0 TO 3195.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 638.0 TO 3195.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 638.0 TO 3195.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 638.0 TO 3195.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 638.0 TO 3195.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 638.0 TO 3195.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 638.0 TO 3195.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 638.0 TO 3195.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 638.0 TO 3195.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 638.0 TO 3195.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 638.0 TO 3195.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 638.0 TO 3195.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 638.0 TO 3195.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 638.0 TO 3195.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 638.0 TO 3195.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 638.0 TO 3195.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 638.0 TO 3195.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 638.0 TO 3195.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 638.0 TO 3195.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 638.0 TO 3195.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 638.0 TO 3195.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 638.0 TO 3195.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 638.0 TO 3195.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 638.0 TO 3195.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 638.0 TO 3195.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 638.0 TO 3195.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 638.0 TO 3195.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

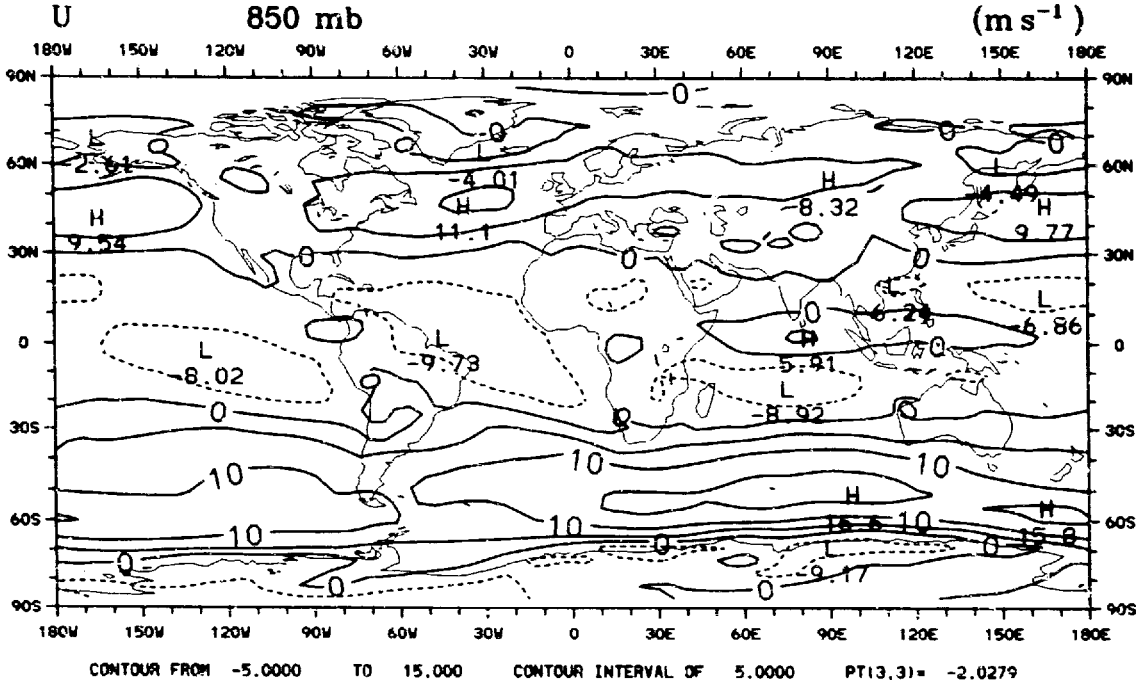
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 638.0 TO 3195.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 638.0 TO 3195.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 638.0 TO 3195.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 638.0 TO 3195.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 638.0 TO 3195.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 638.0 TO 3195.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 638.0 TO 3195.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 638.0 TO 3195.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 638.0 TO 3195.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 638.0 TO 3195.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 638.0 TO 3195.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 638.0 TO 3195.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 638.0 TO 3195.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 638.0 TO 3195.0 |

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



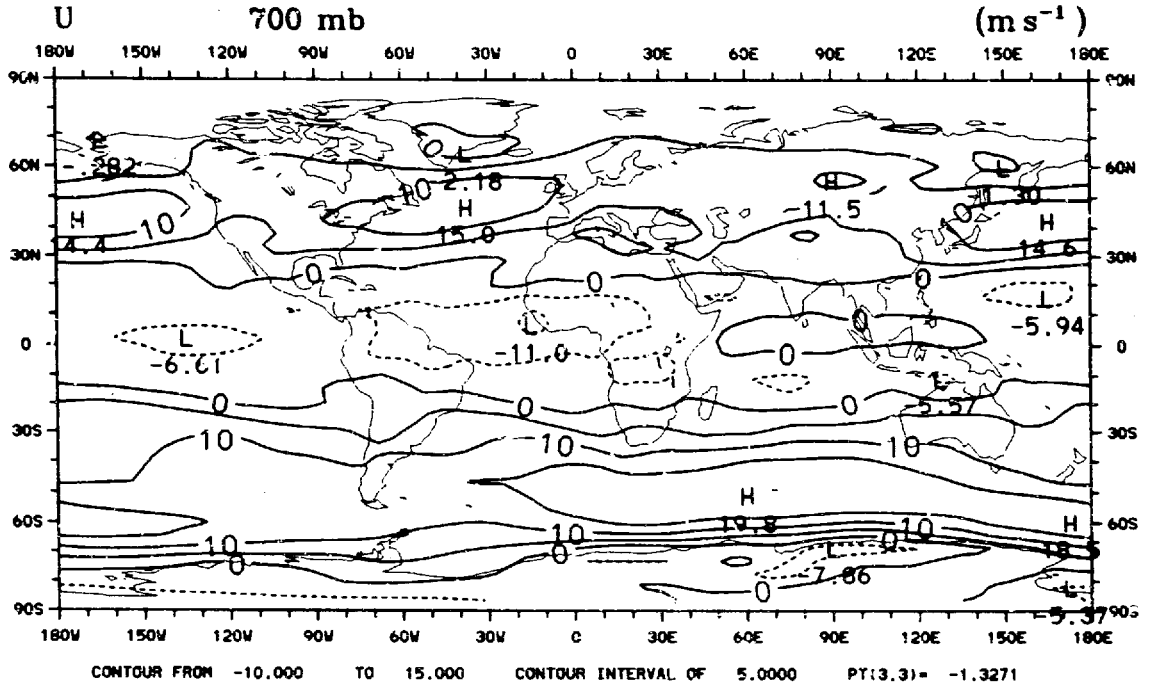

FRAME 1.1

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



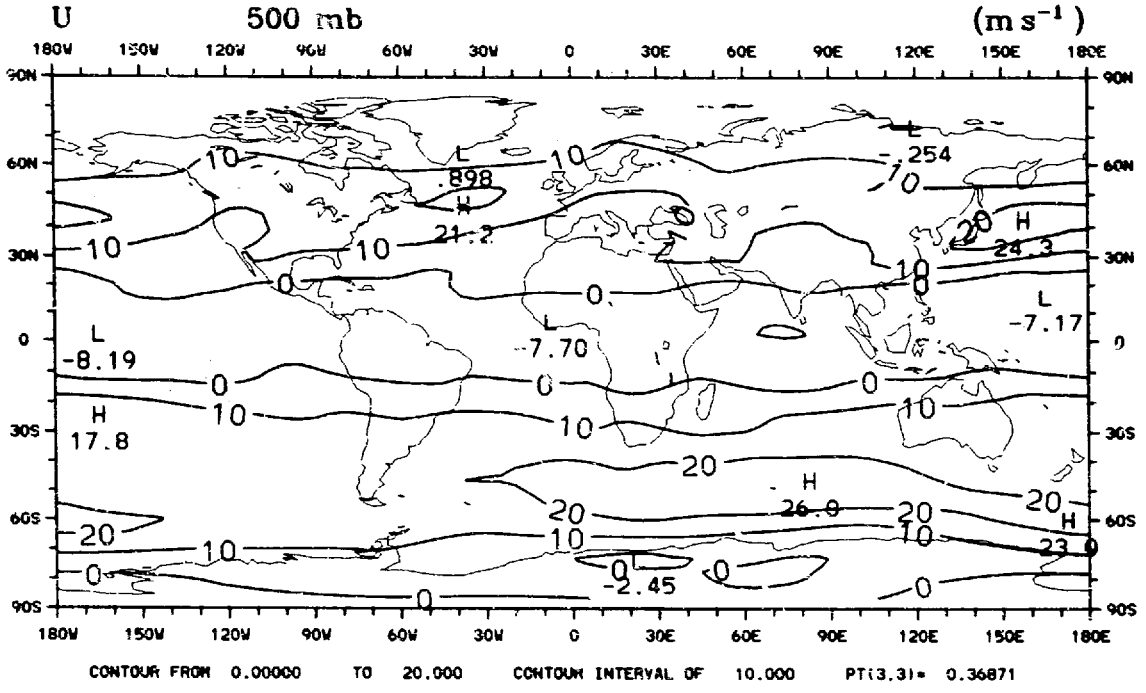

FRAME 1,2

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



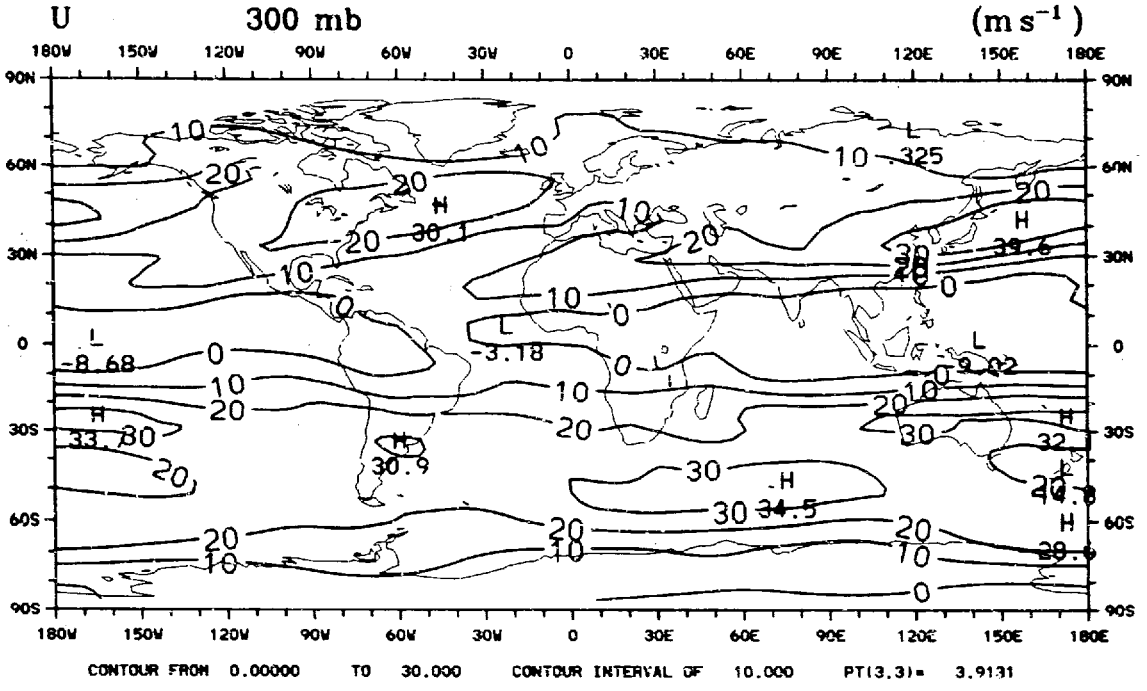

FRAME 1.3

# EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



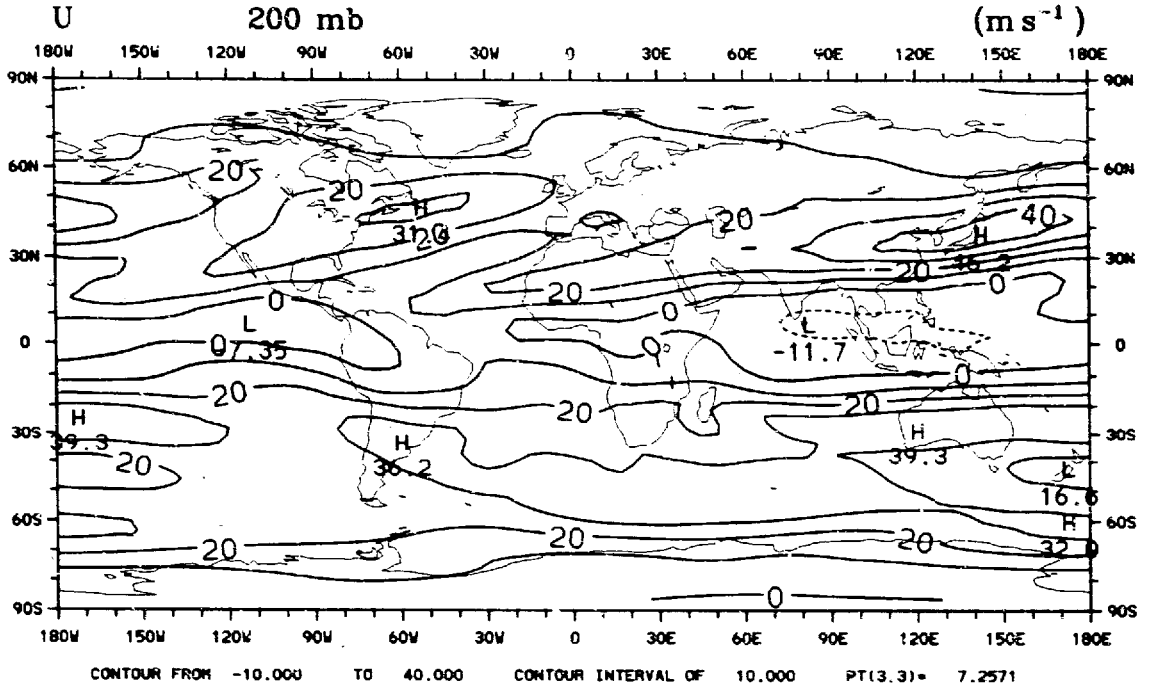

FRAME 1.4

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



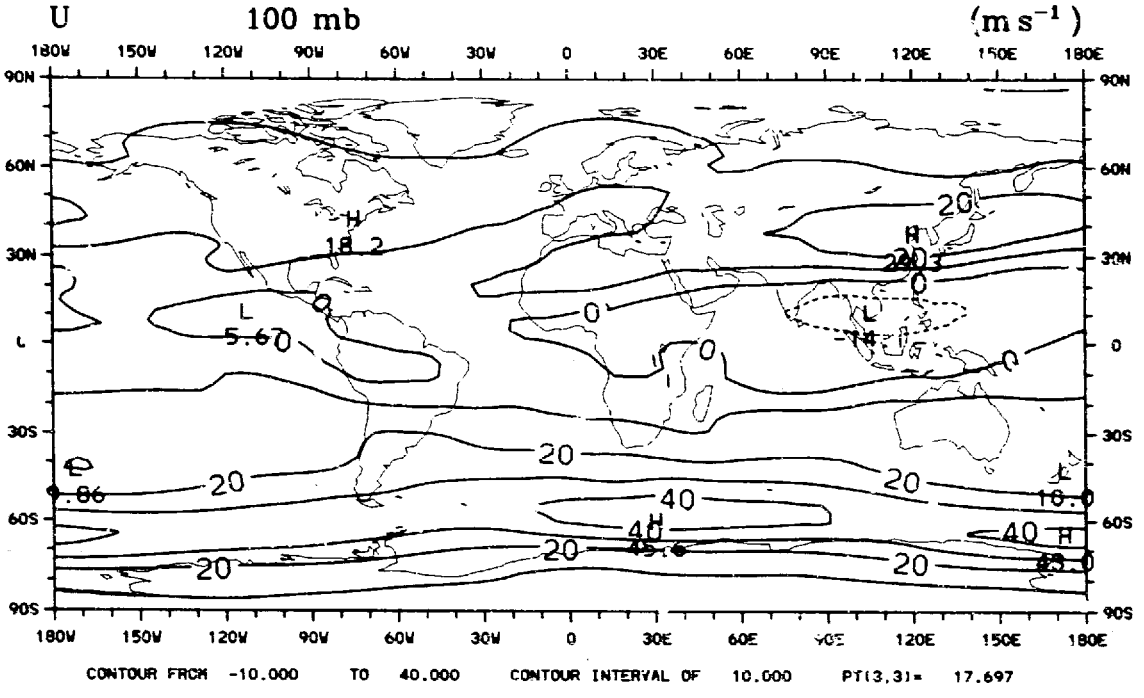

FRAME 1.5

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1980)



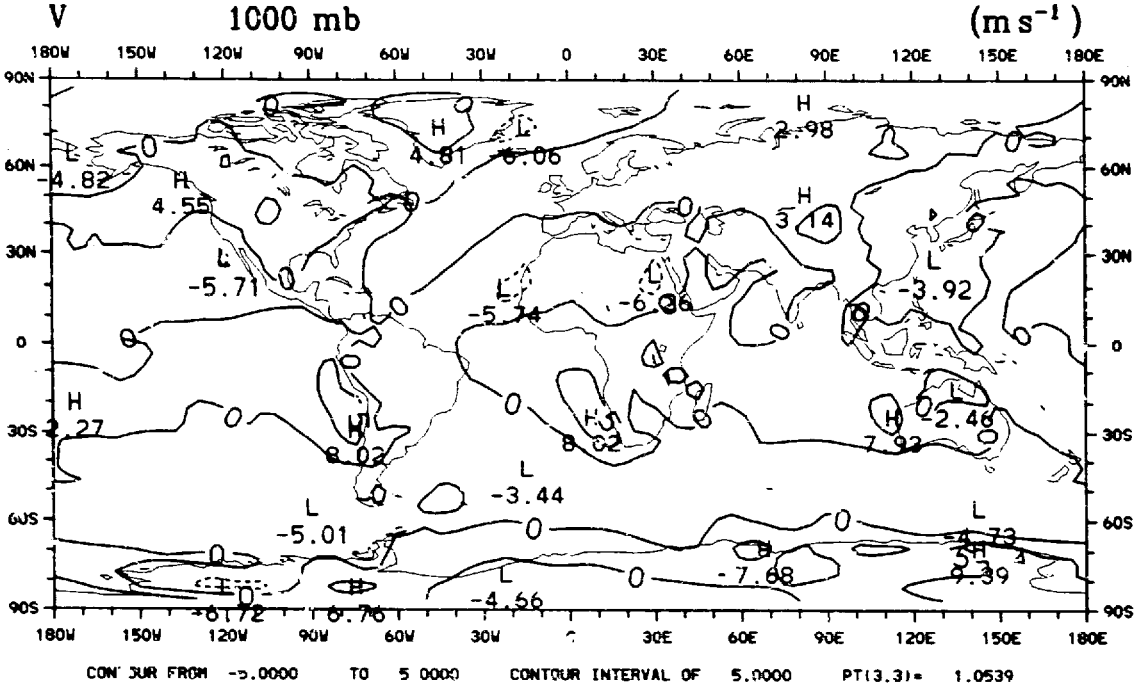

FRAME 1.6

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



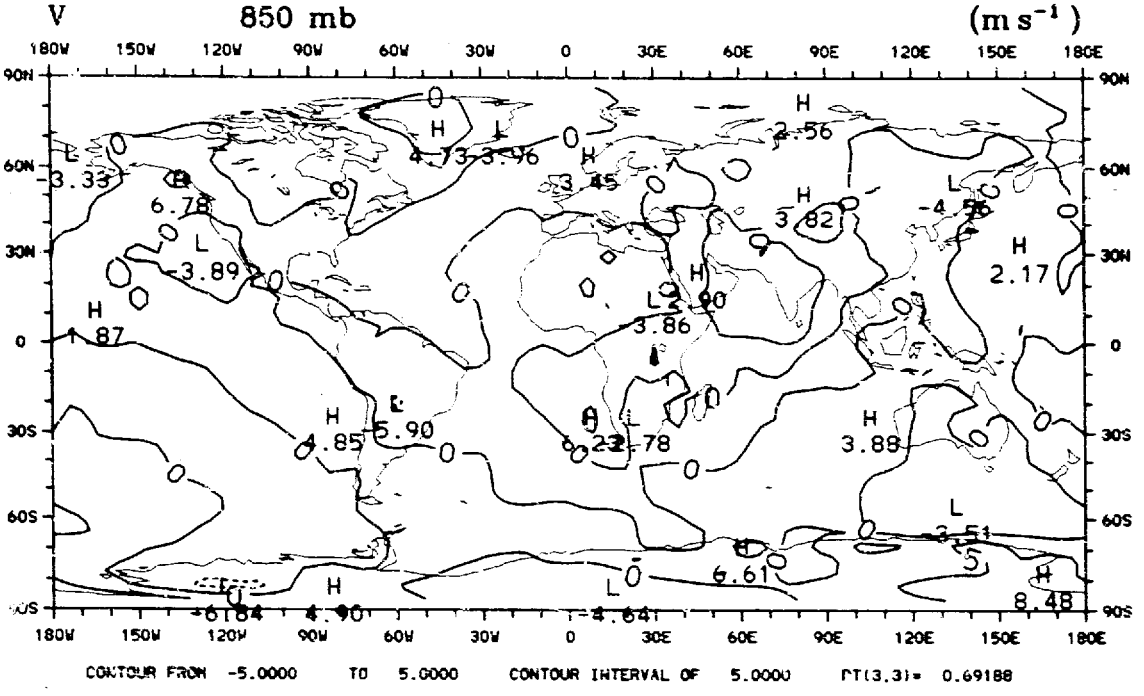

FRAME 1.7

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



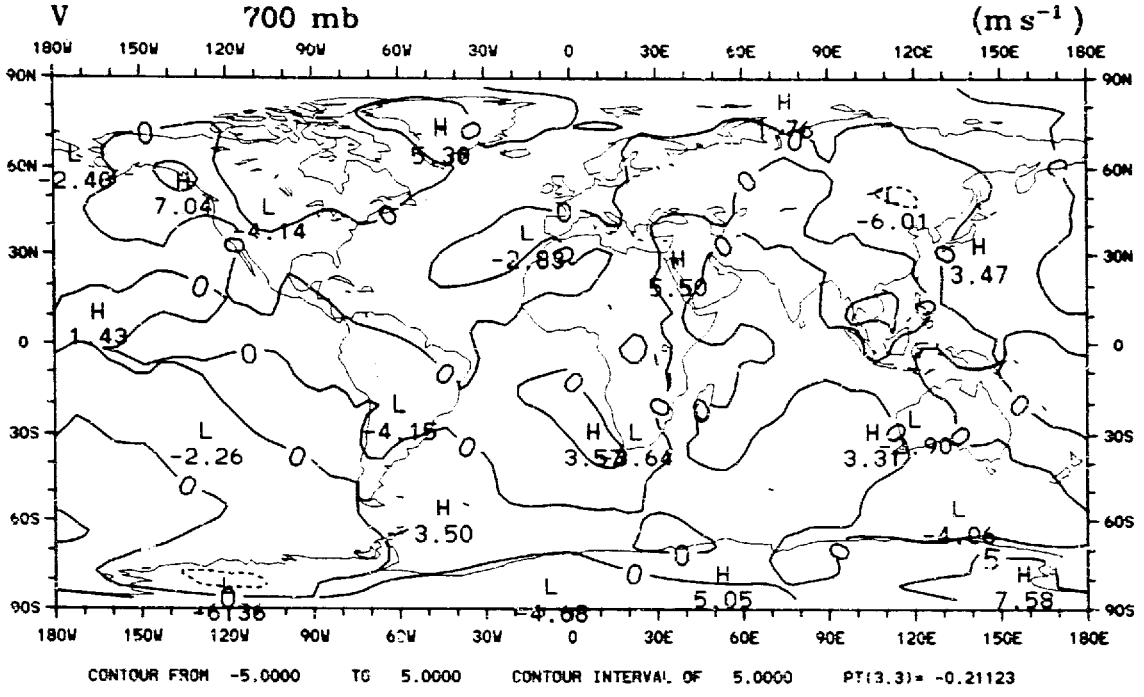

FRAME 1.8

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



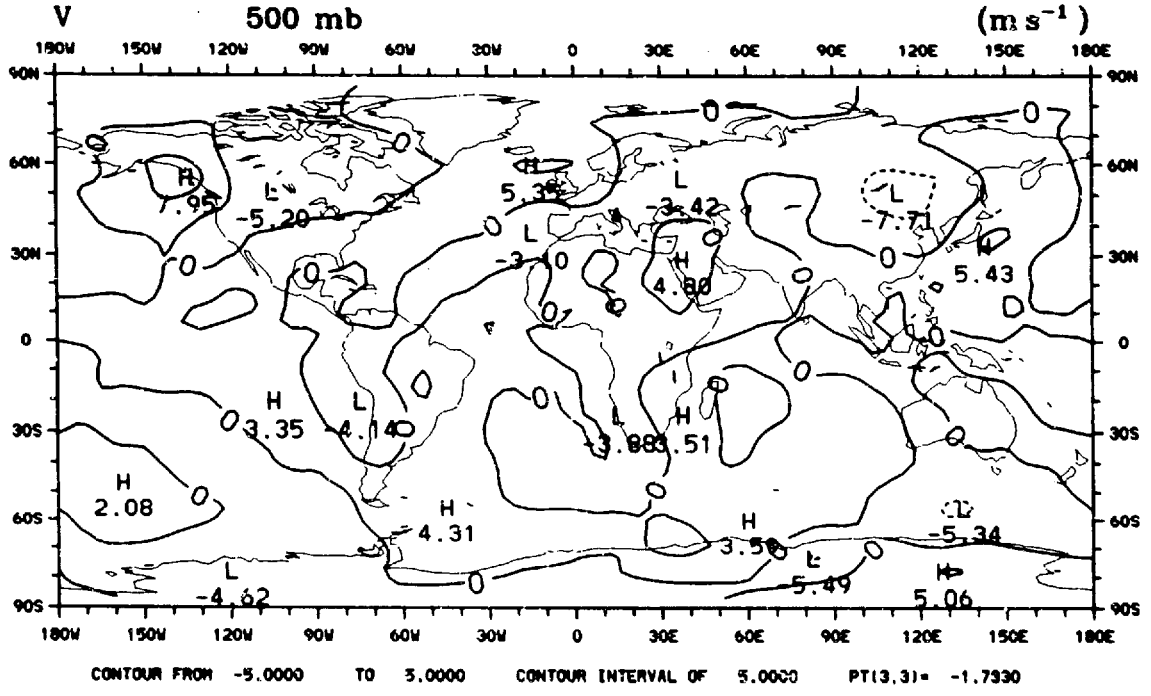

FRAME 1.9

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



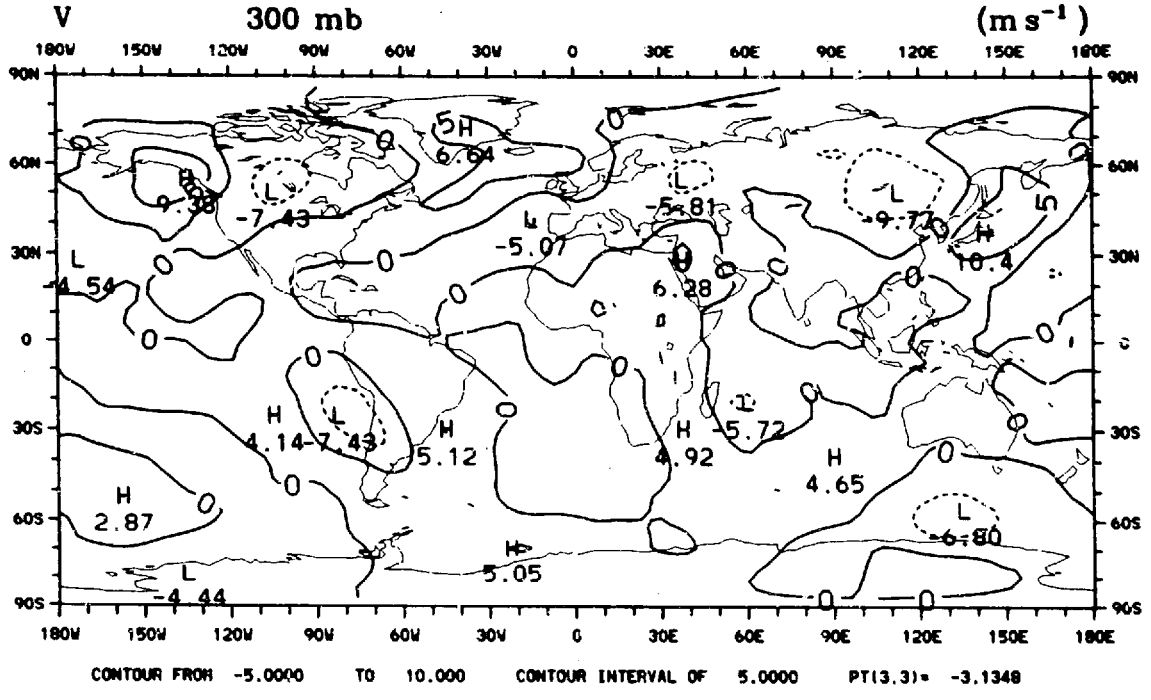

FRAME 1.10

# EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



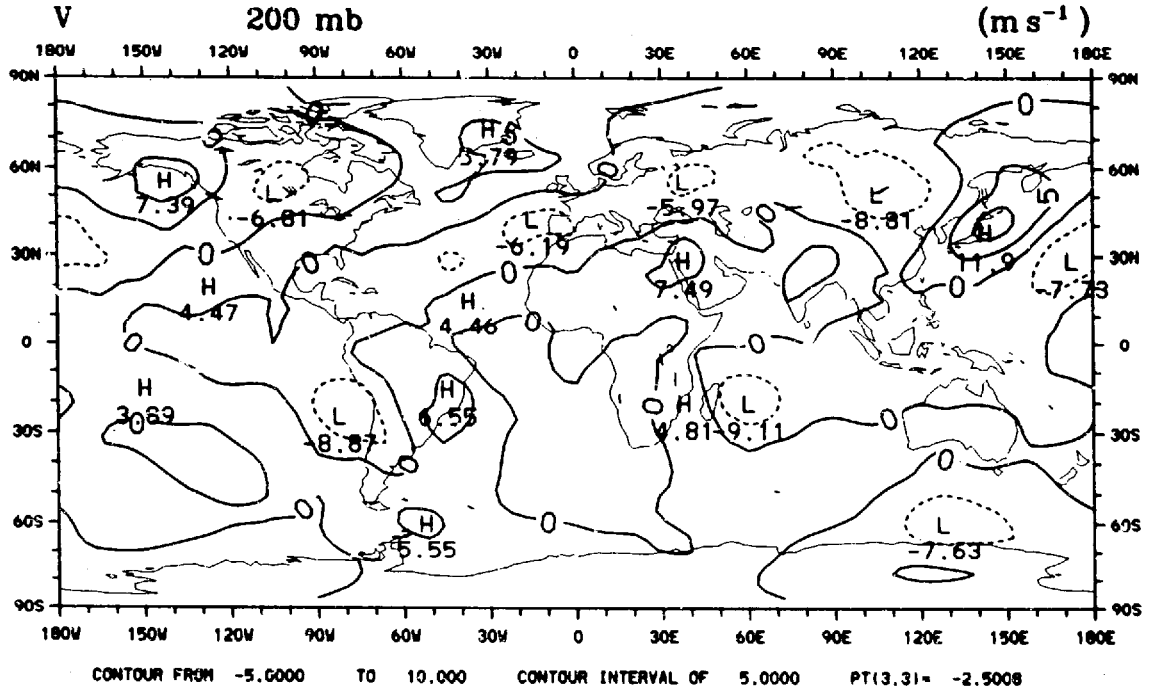

FRAME 1.11

## EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



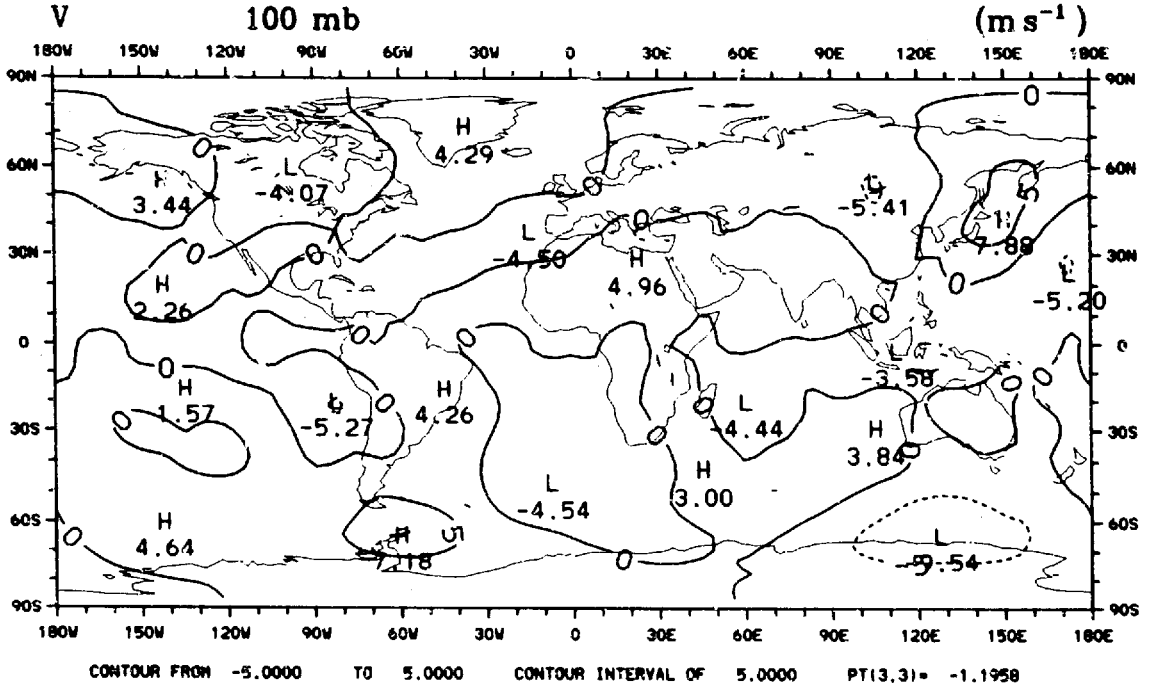

FRAME 1.12

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



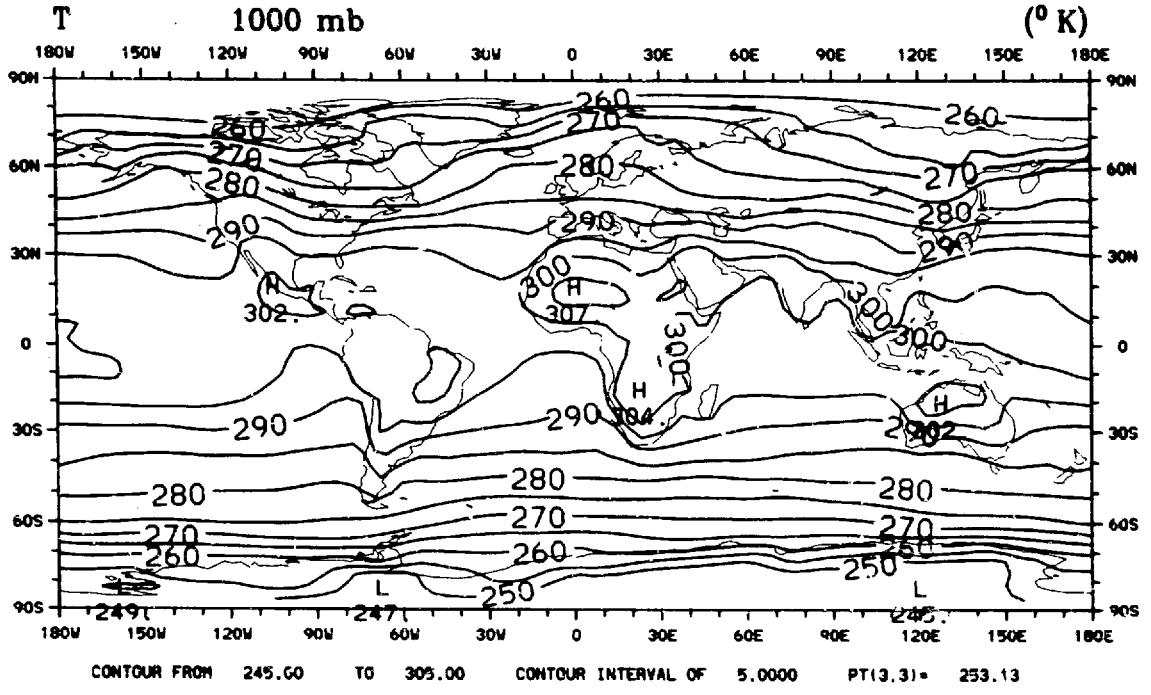

FRAME 1.13

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



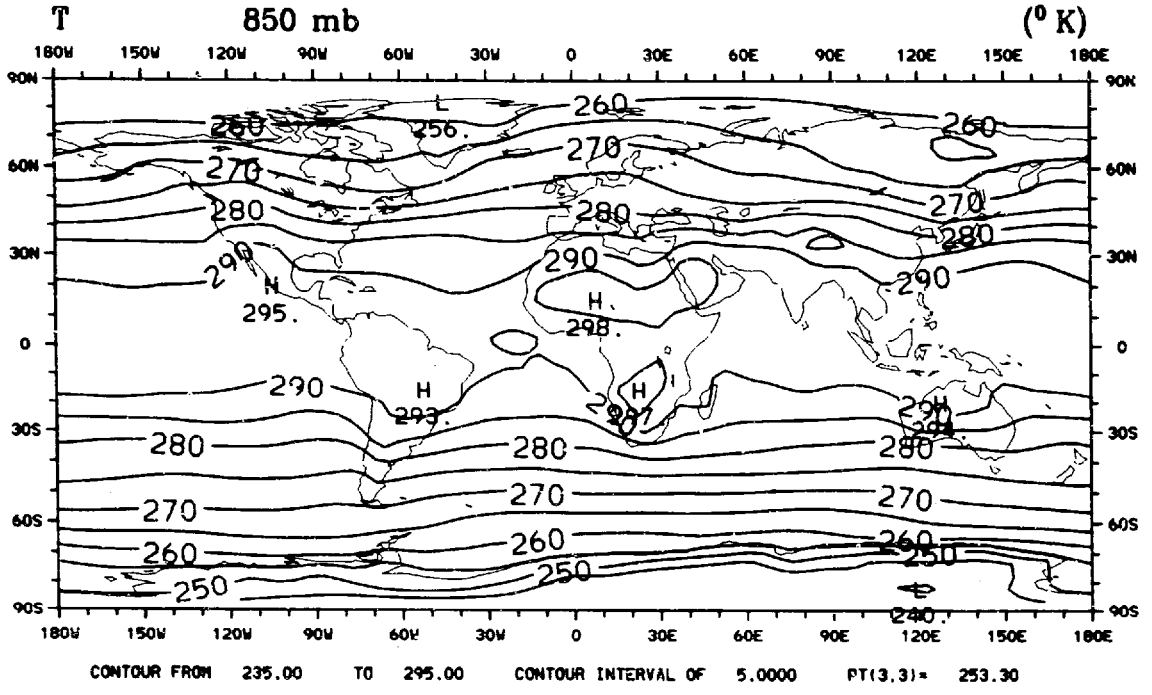

FRAME 1.14

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



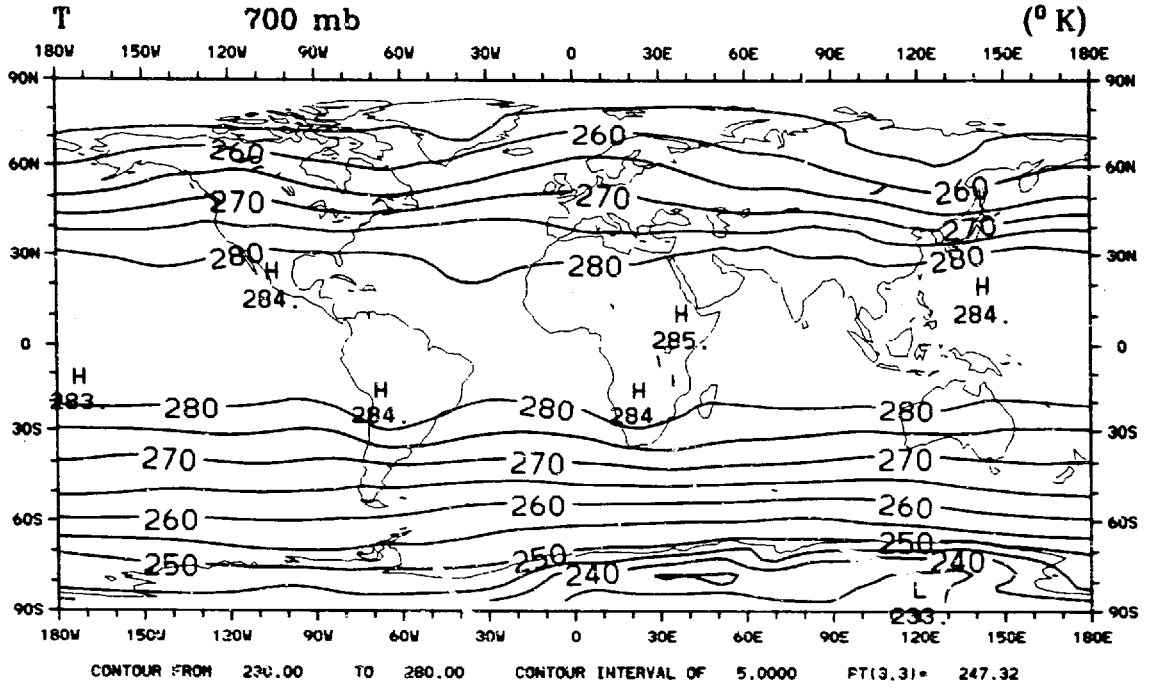

FRAME 1.15

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



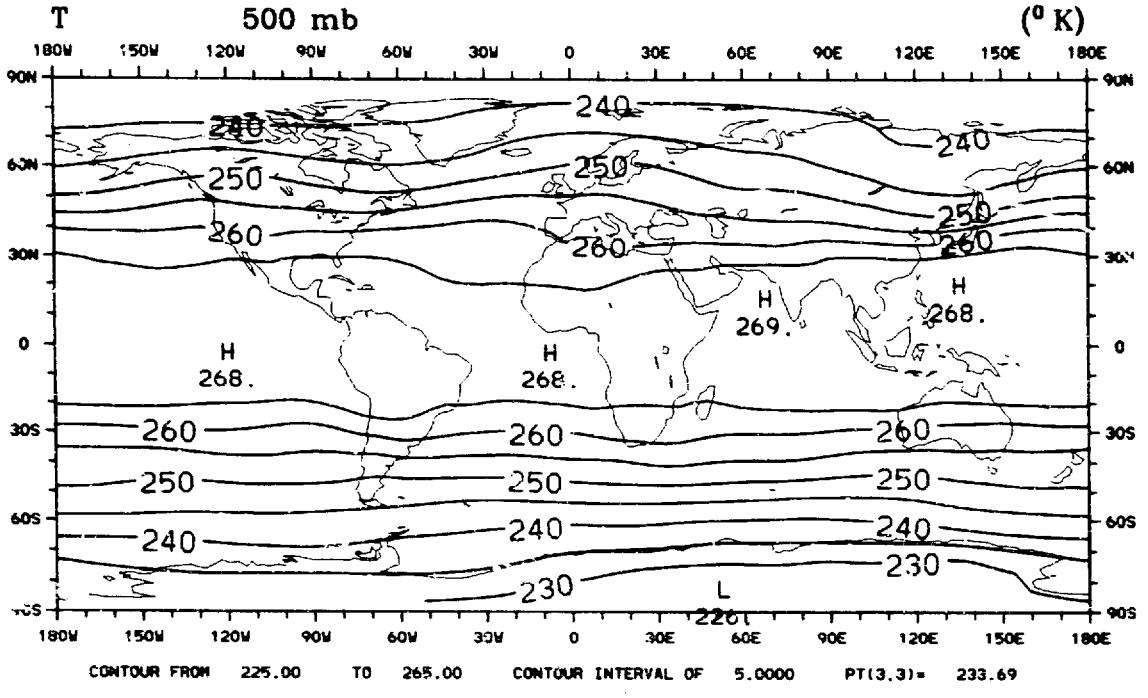

FRAME 1.16

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



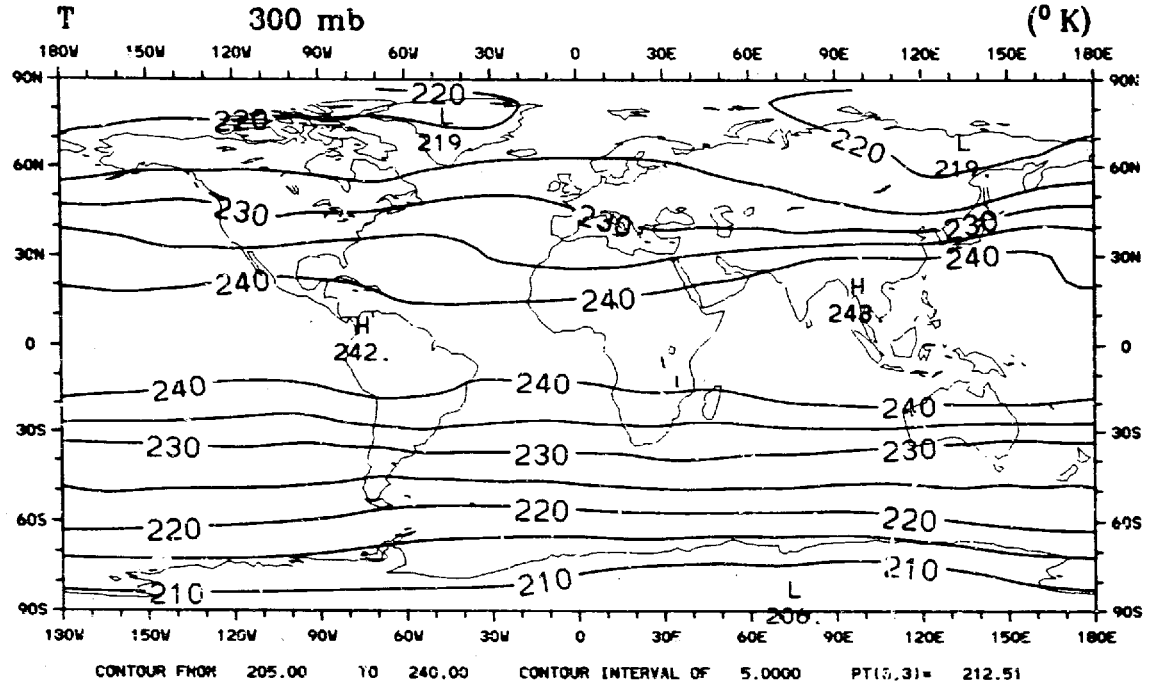

FRAME 1.17

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



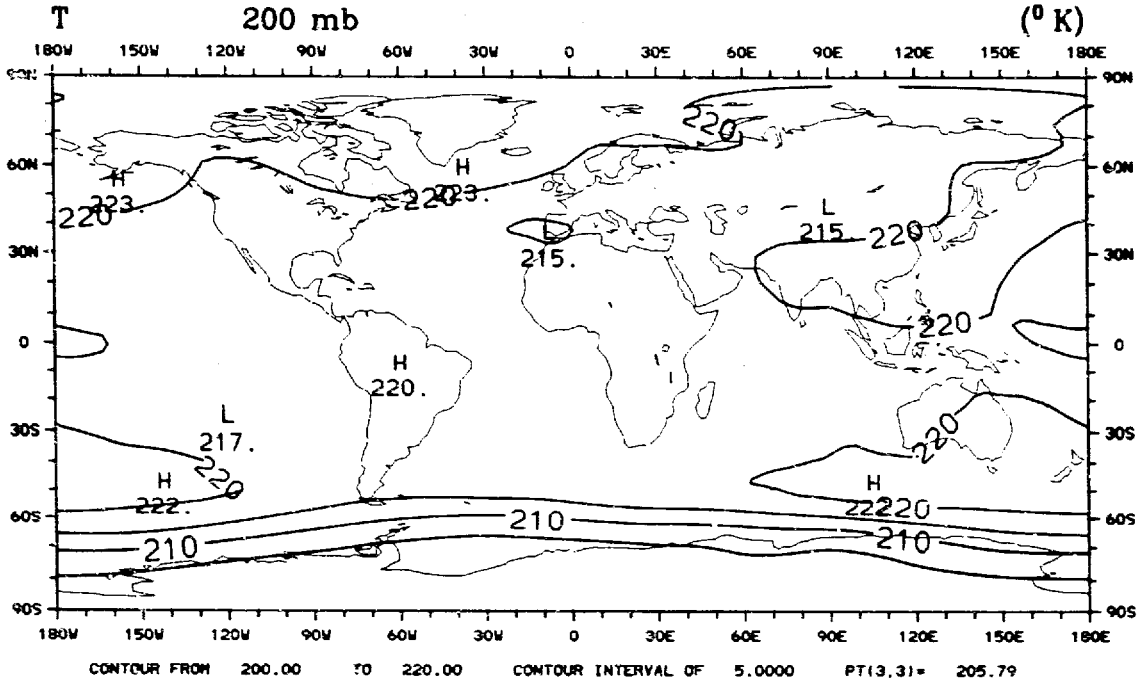

FRAME 1.18

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



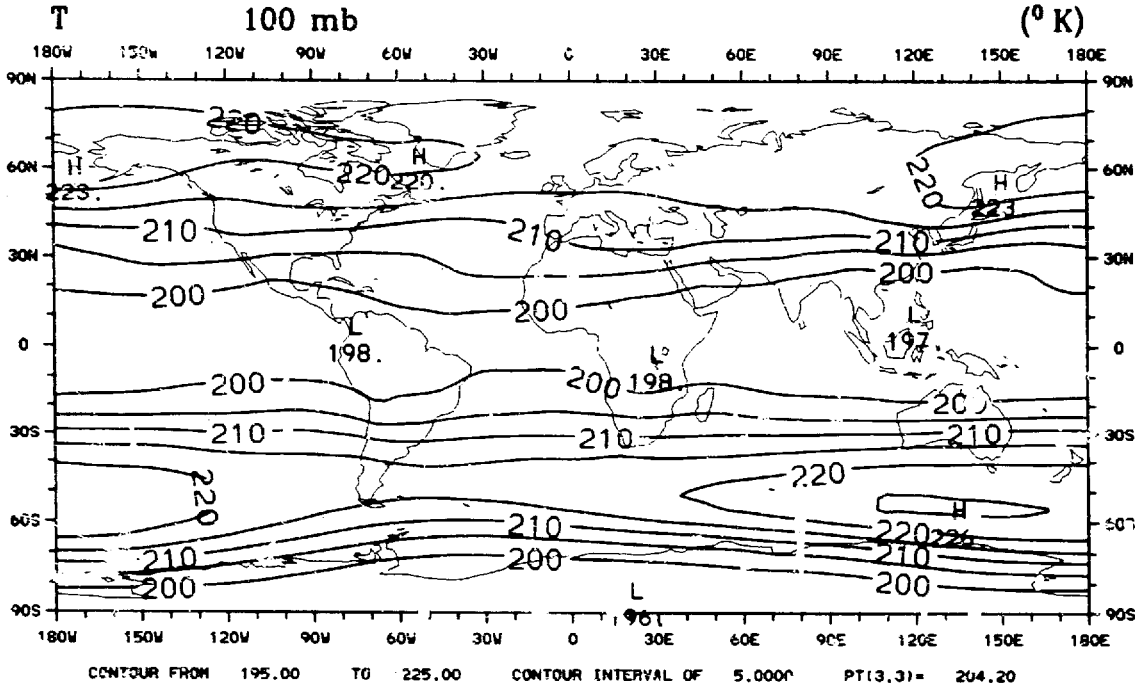

FRAME 1.19

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



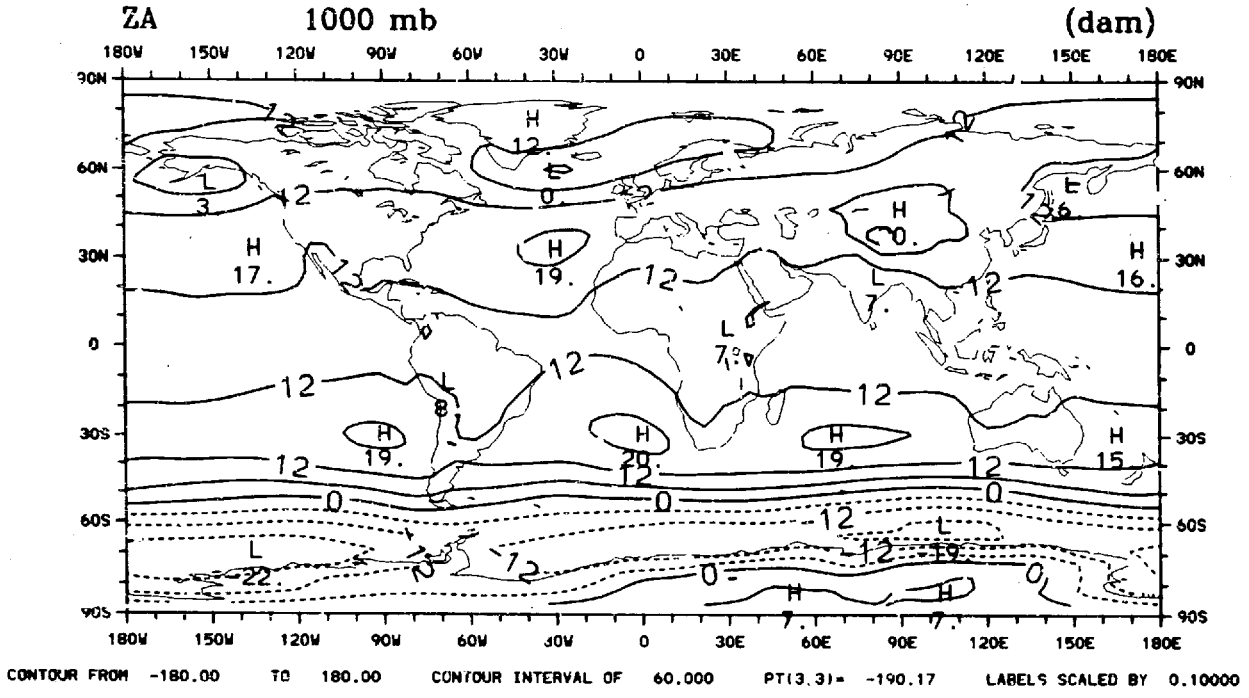

FRAME 1.20

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.21

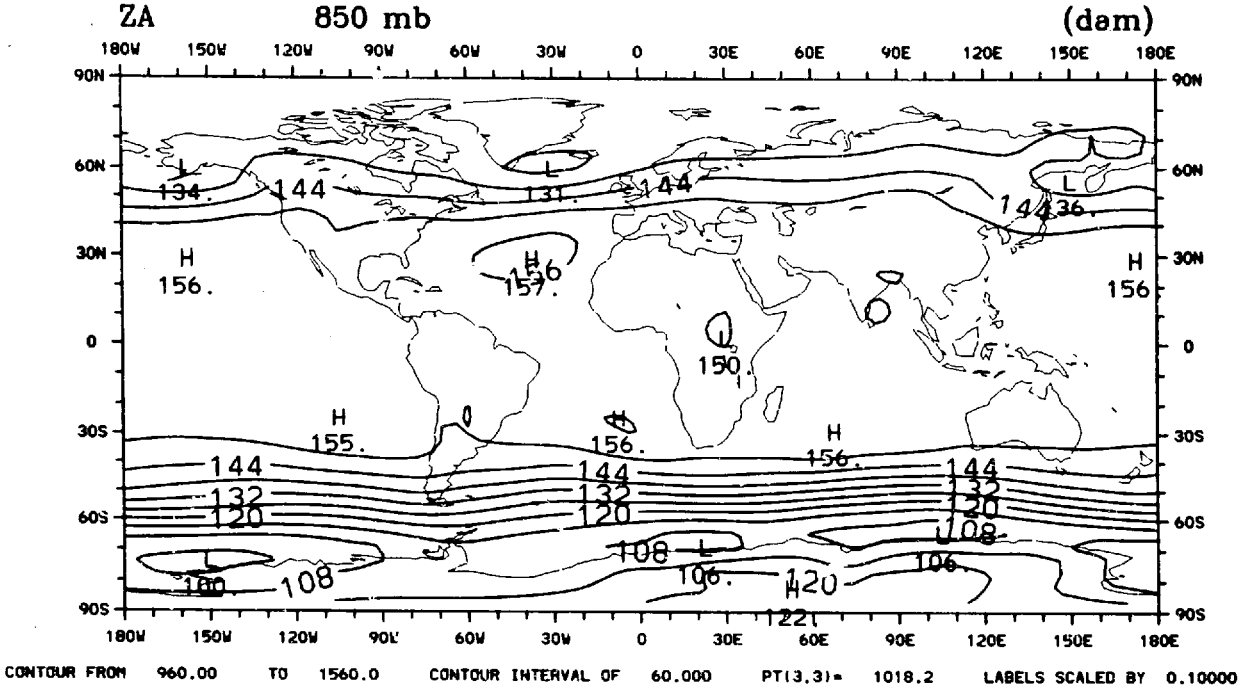
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -180.00 TO 180.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -190.17 LABELS SCALED BY 0.10000

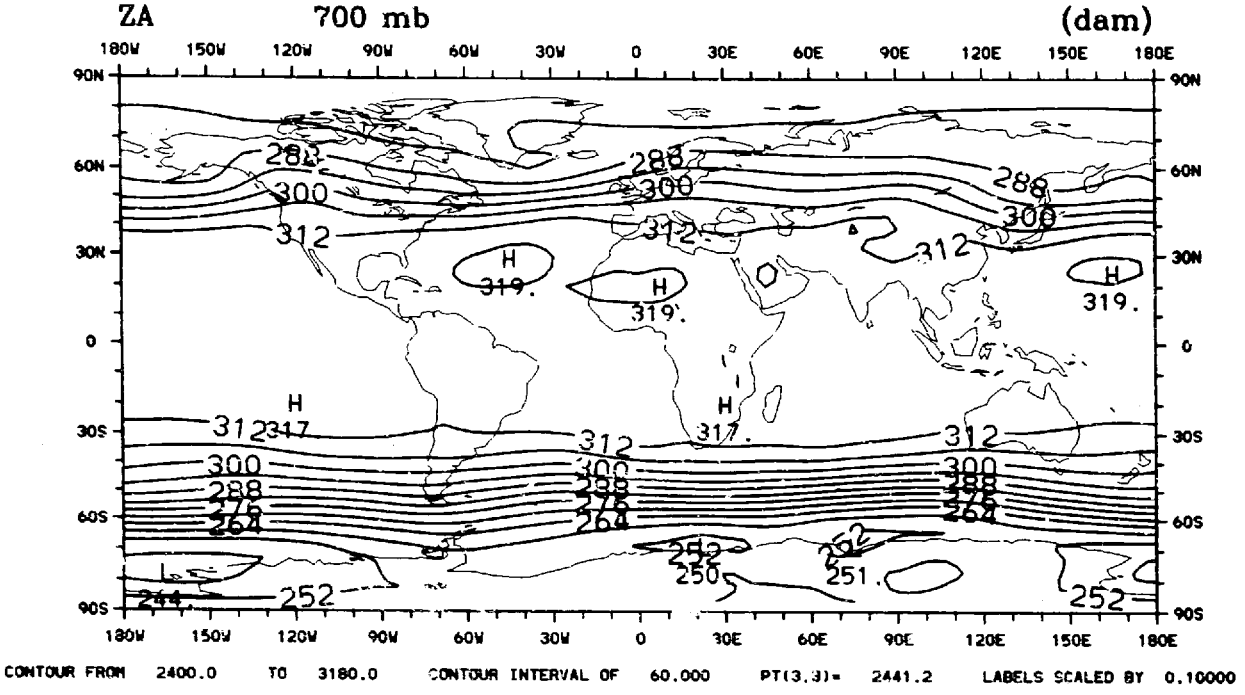
FRAME 1.22

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



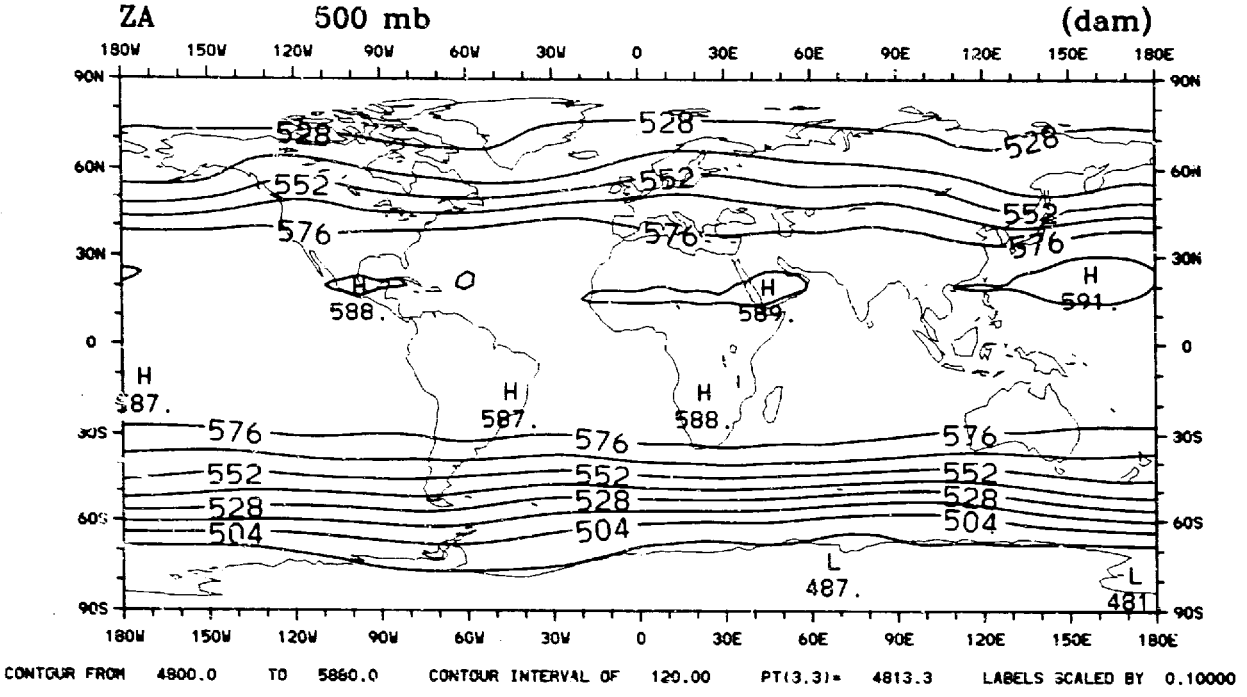

FRAME 1.23

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



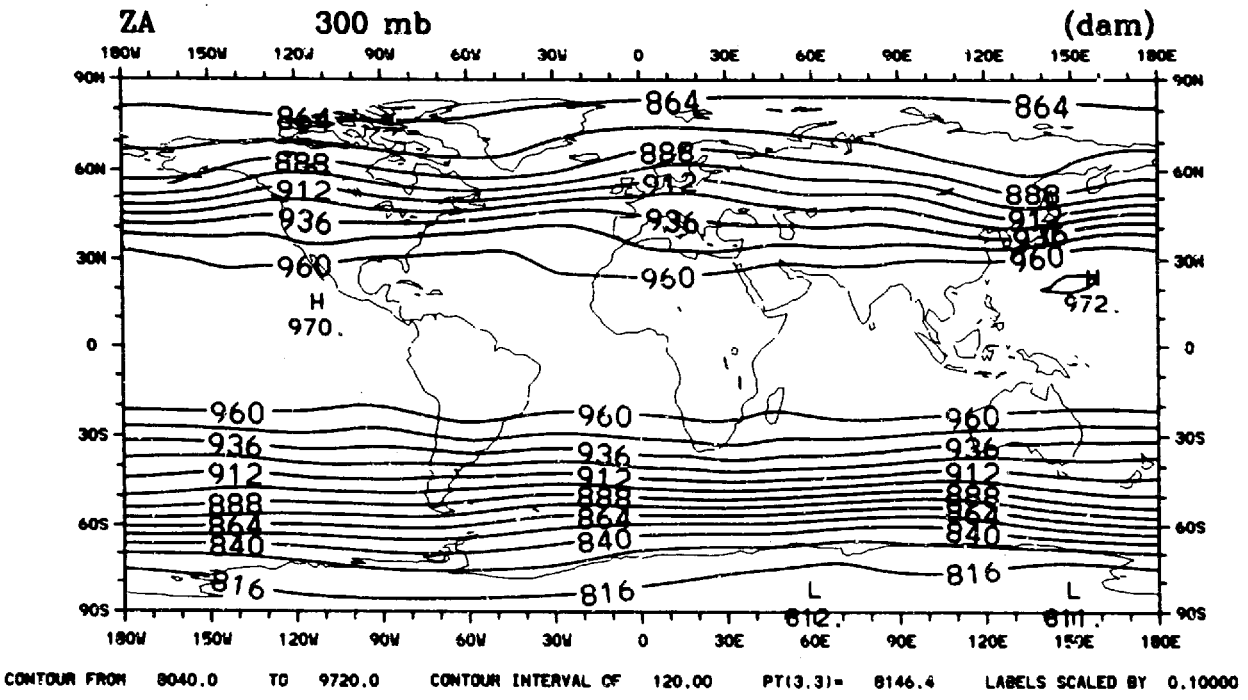

FRAME 1.24

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.25

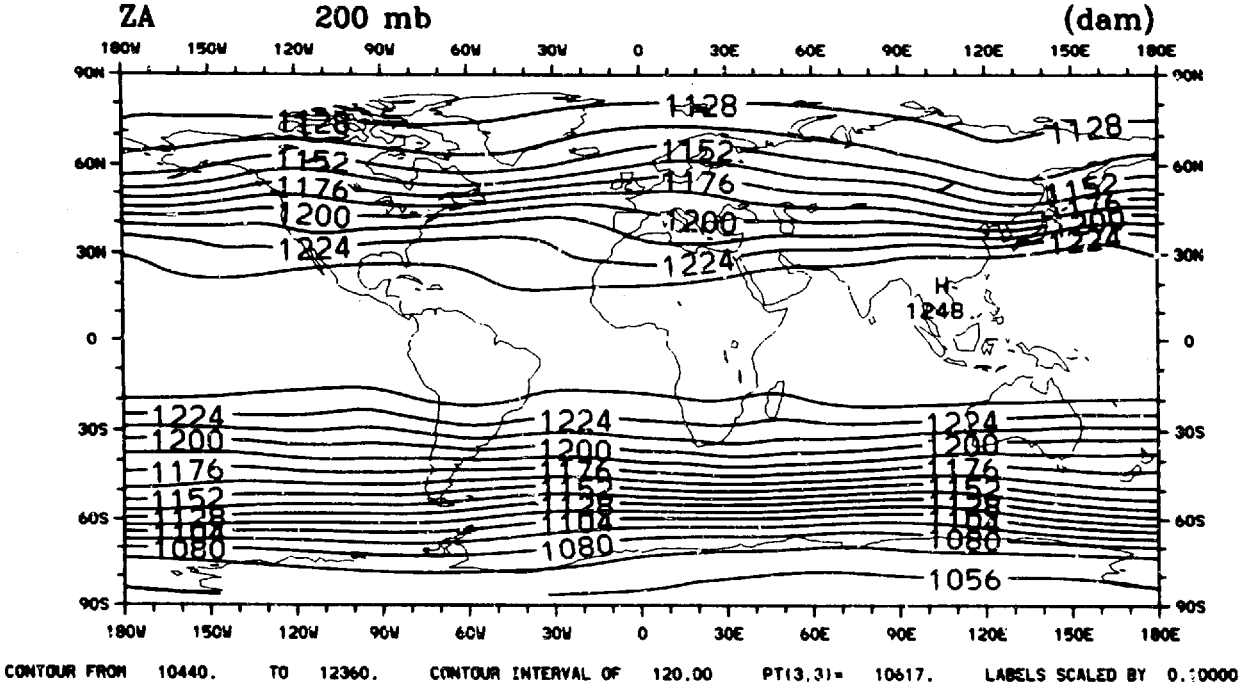
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 8040.0 TO 9720.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 8146.4 LABELS SCALED BY 0.10000

FRAME 1,26

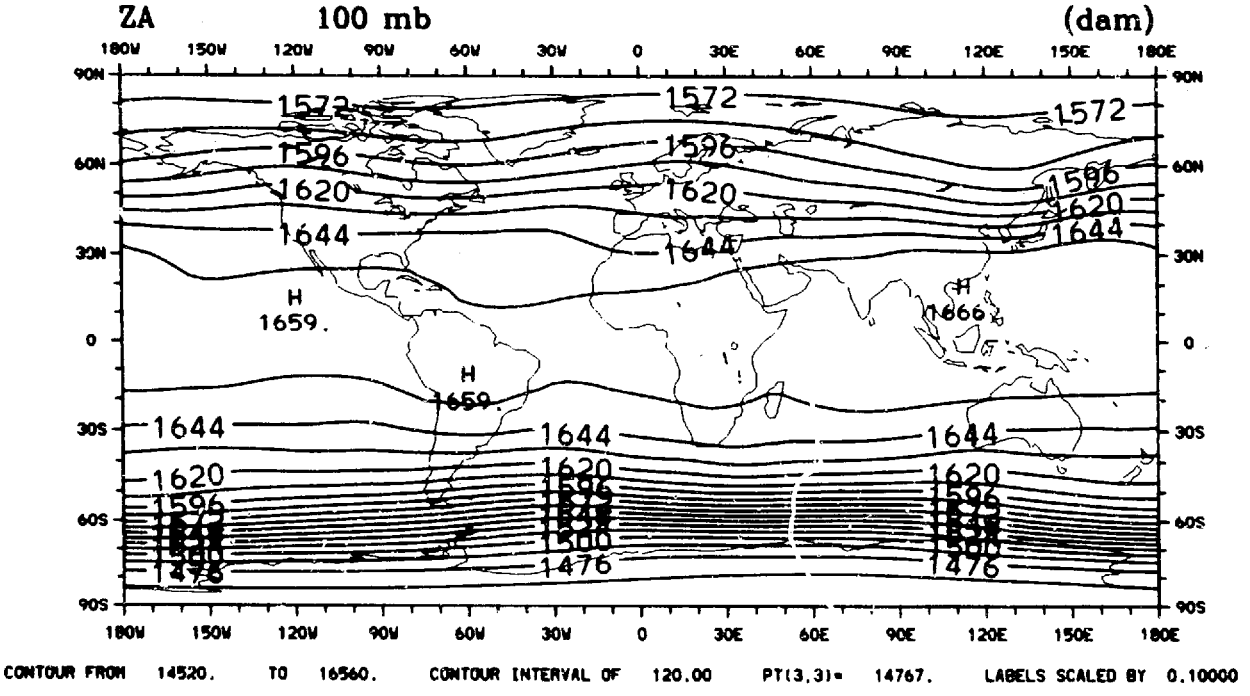
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 10440. TO 12360. CONTOUR INTERVAL OF 120.00 PT(3,3)= 10617. LABELS SCALED BY 0.10000

FRAME 1,27

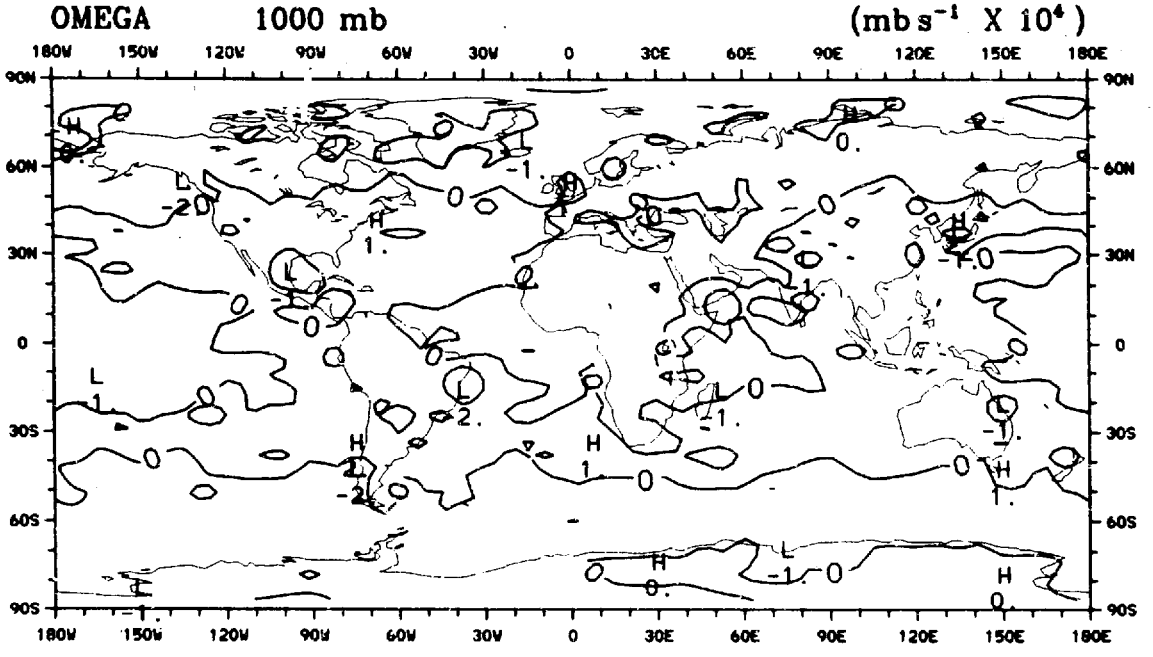
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 14520. TO 16560. CONTOUR INTERVAL OF 120.00 PT(3,3)= 14767. LABELS SCALED BY 0.10000

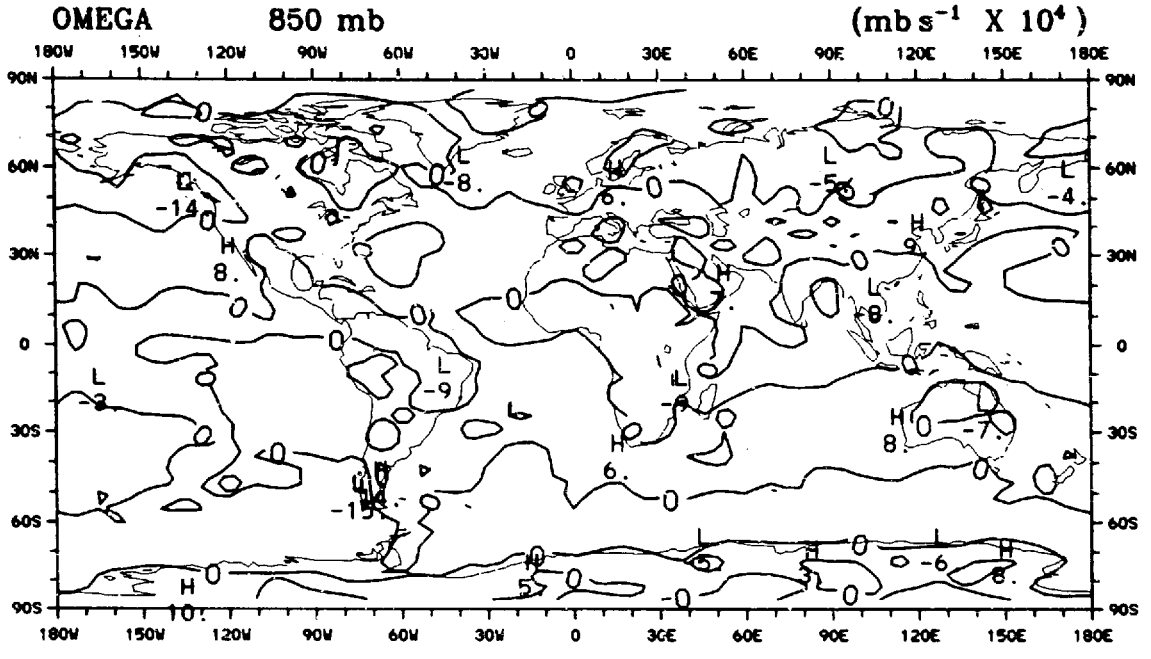
FRAME 1.28

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.29

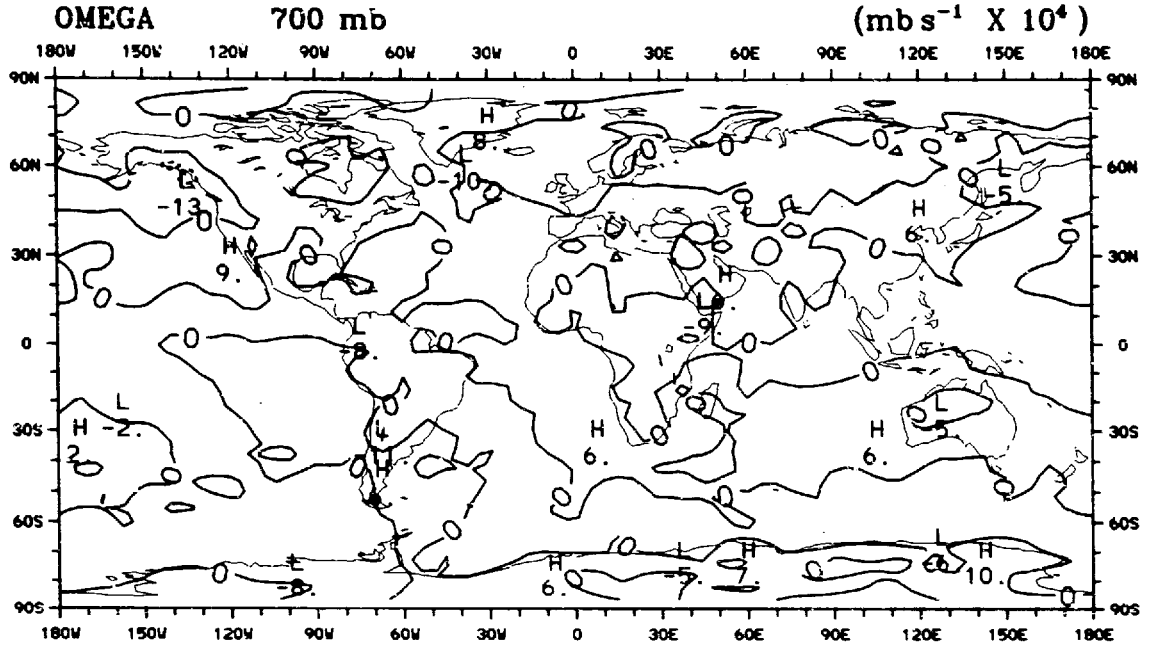
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.21329E-03 LABELS SCALED BY 100.00

FRAME 1.30

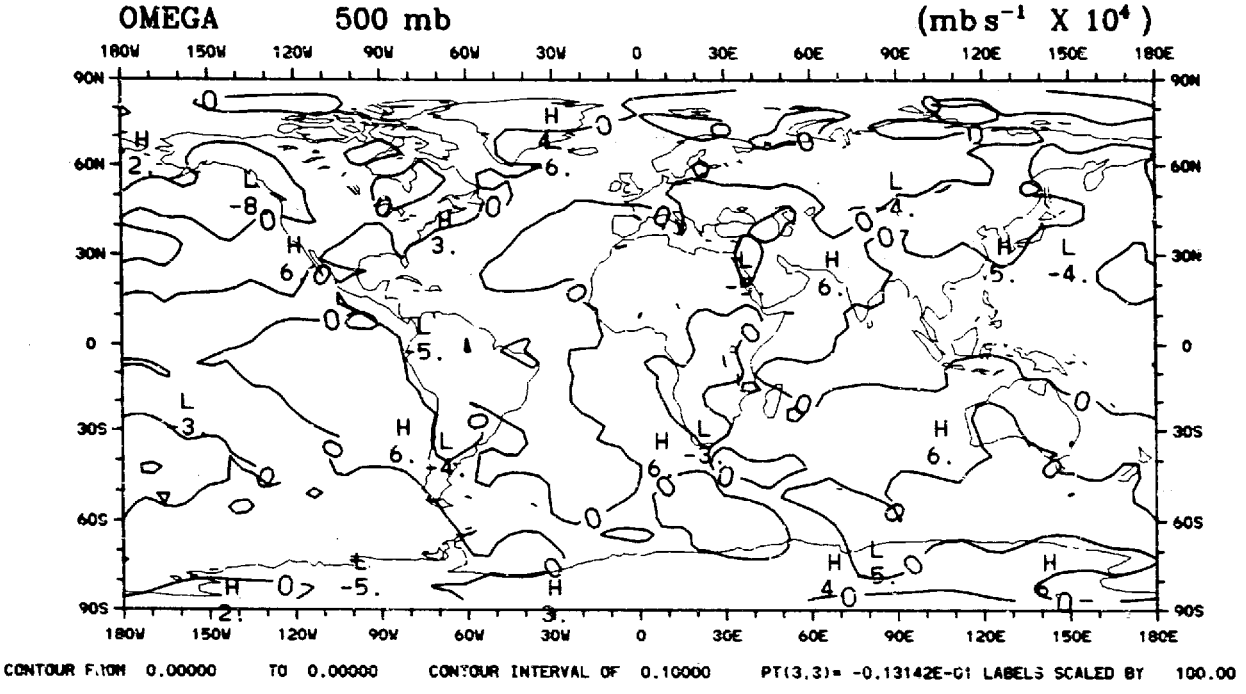
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.10686E-01 LABELS SCALED BY 100.00

FRAME 1.31

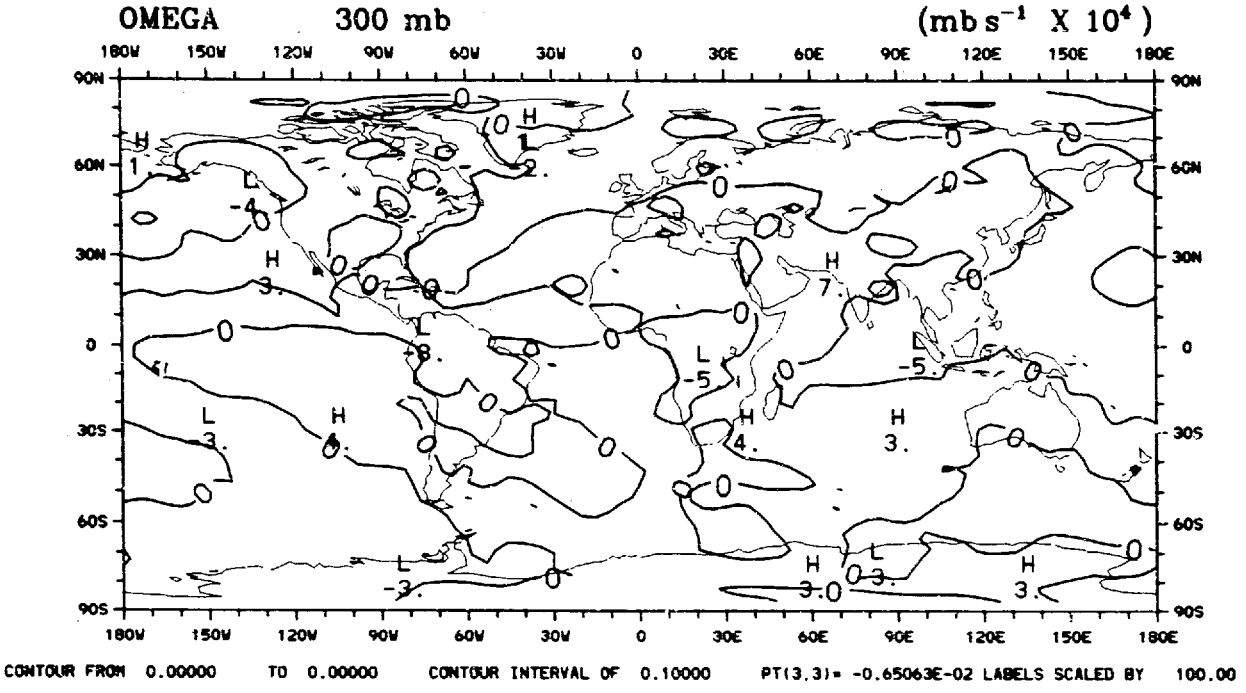
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.13142E-01 LABELS SCALED BY 100.00

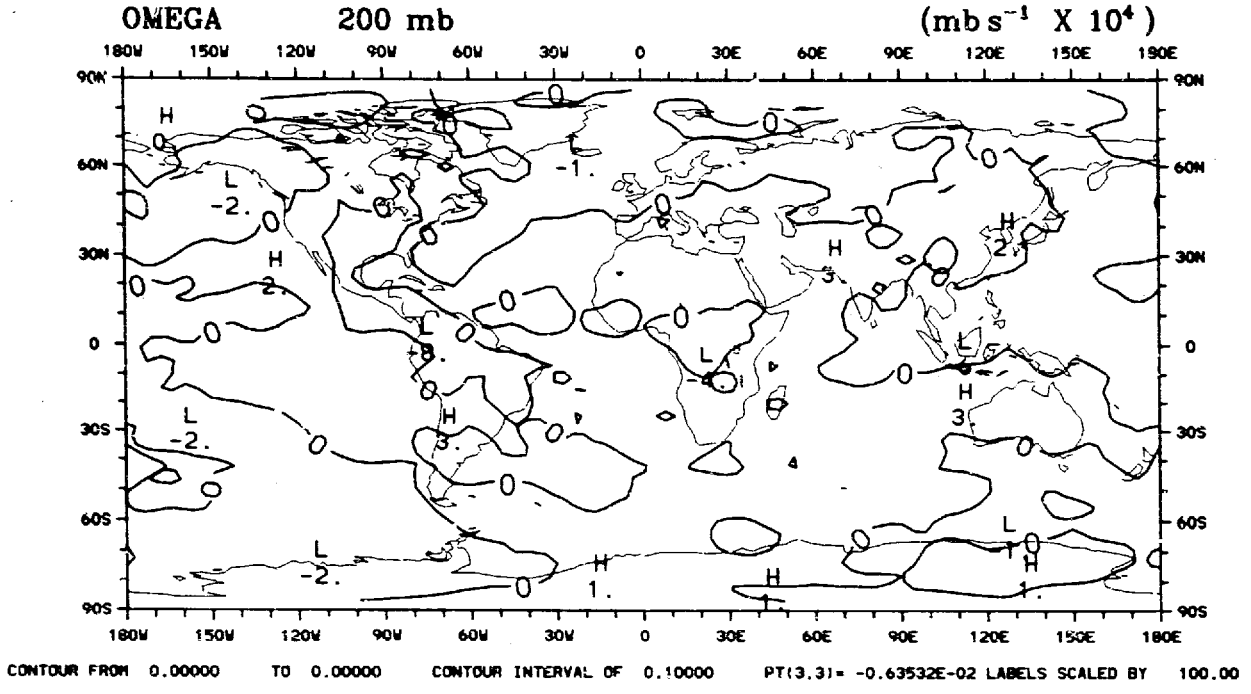
FRAME 1.32

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.33

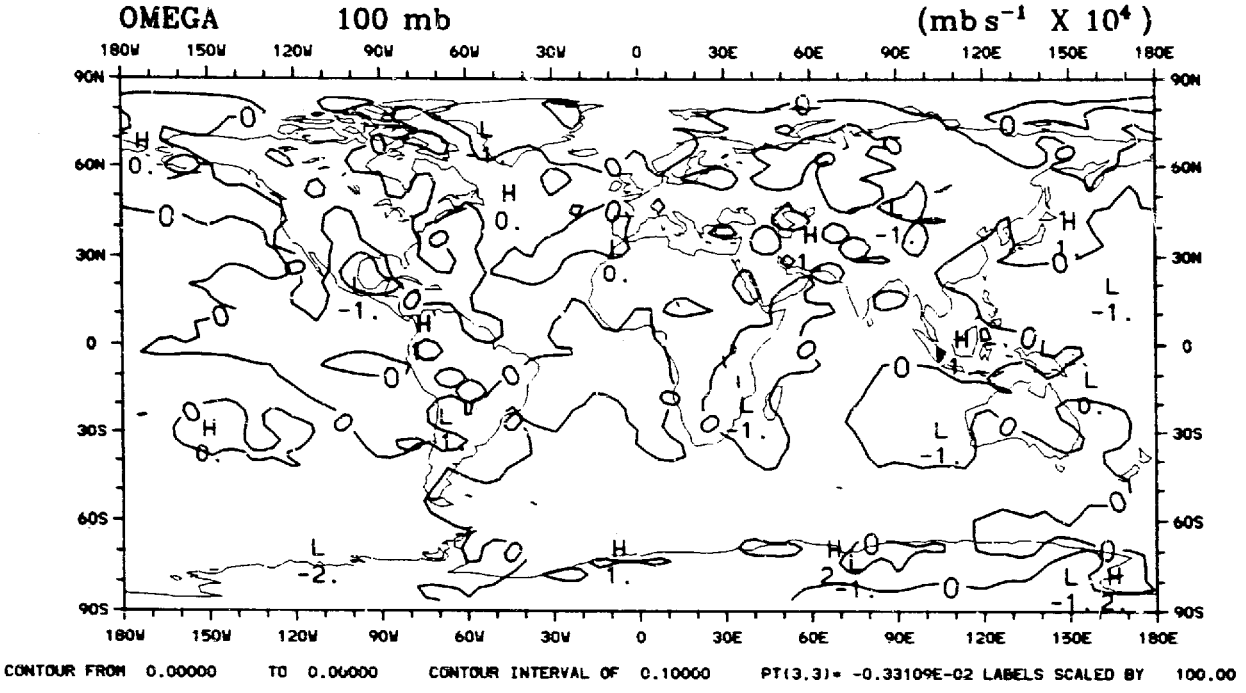
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.63532E-02 LABELS SCALED BY 100.00

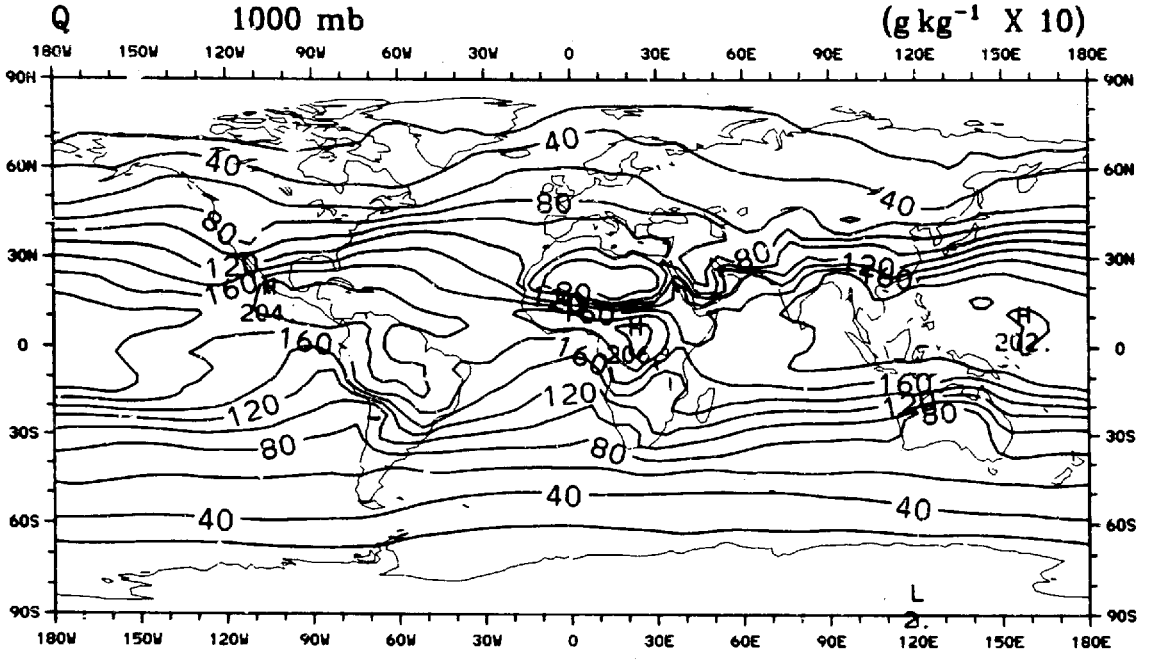
FRAME 1.34

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.35

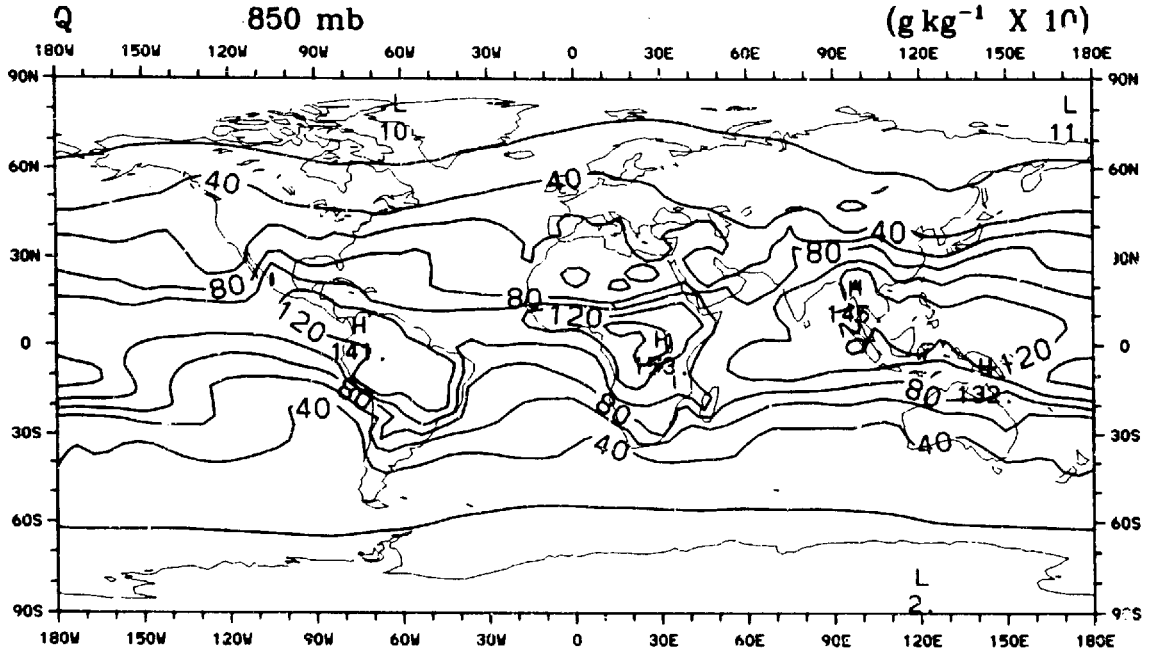
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.66594E-03 LABELS SCALED BY 10000.

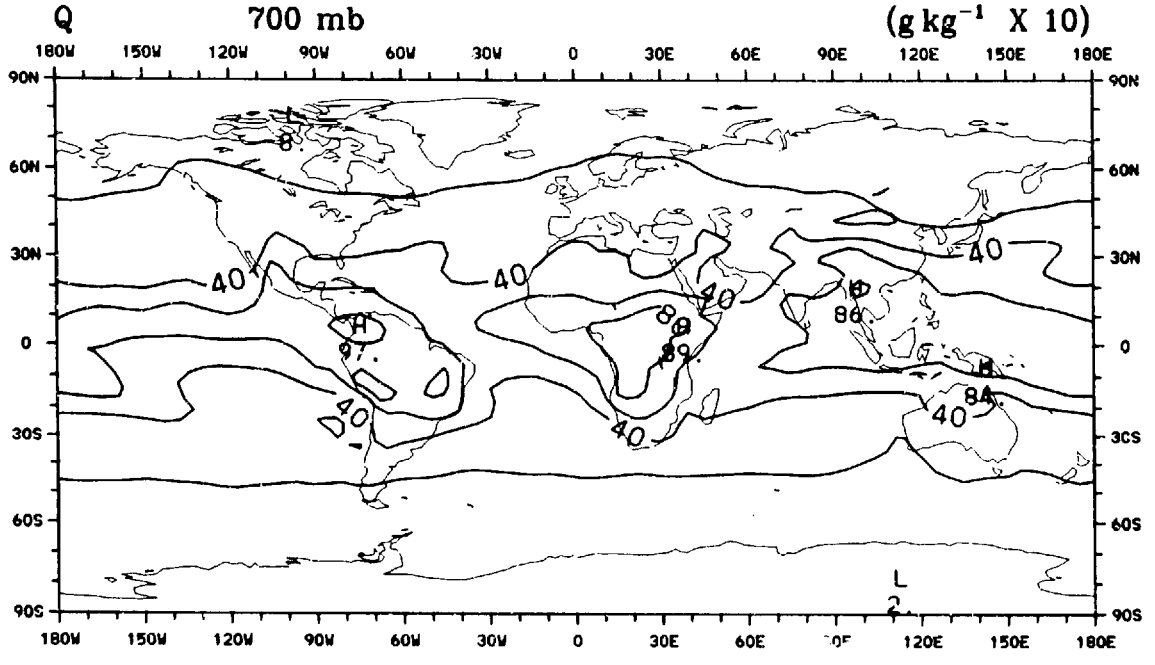
FRAME 1.36

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.37

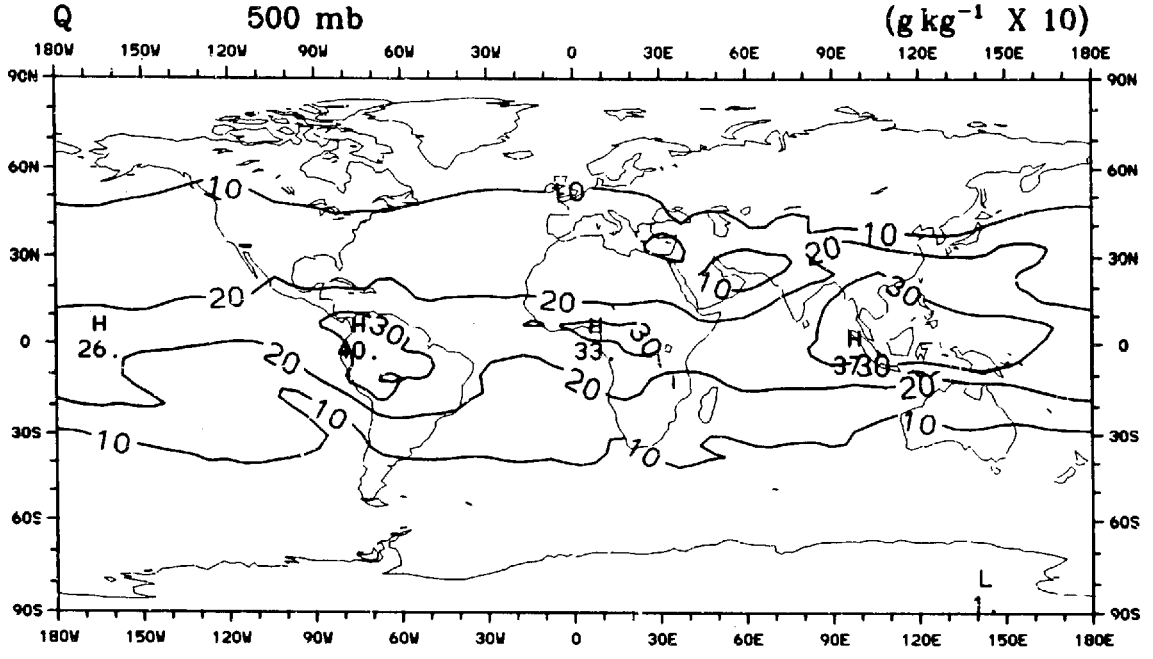
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.47122E-03 LABELS SCALED BY 10000.

FRAME 1.38

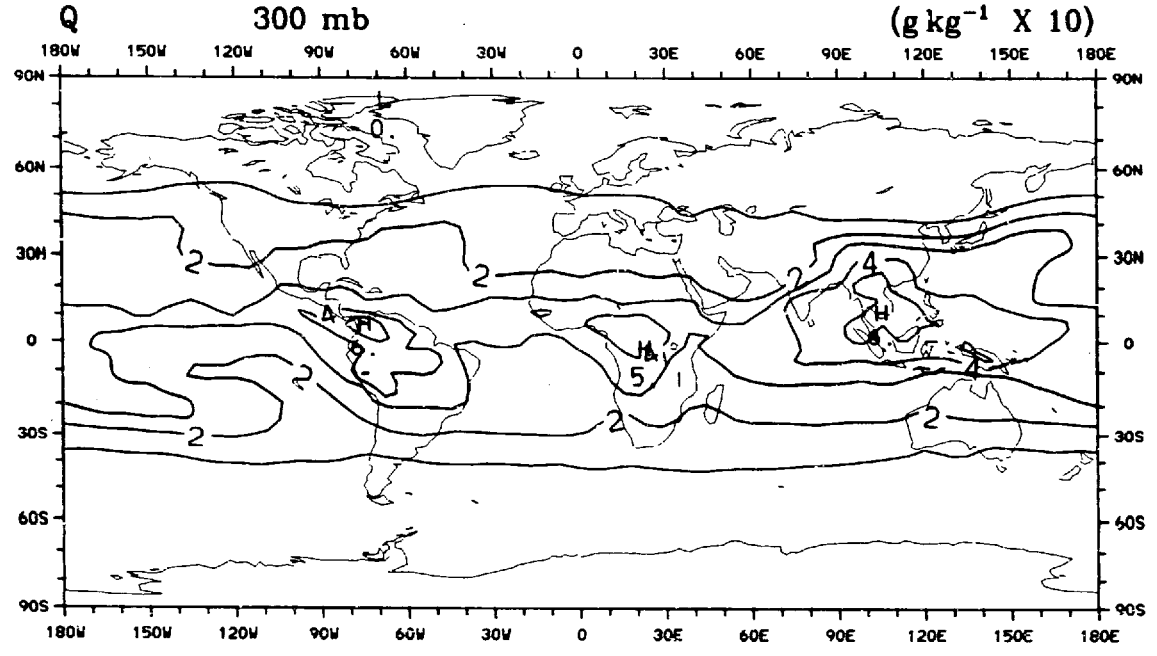
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.16739E-03 LABELS SCALED BY 10000.

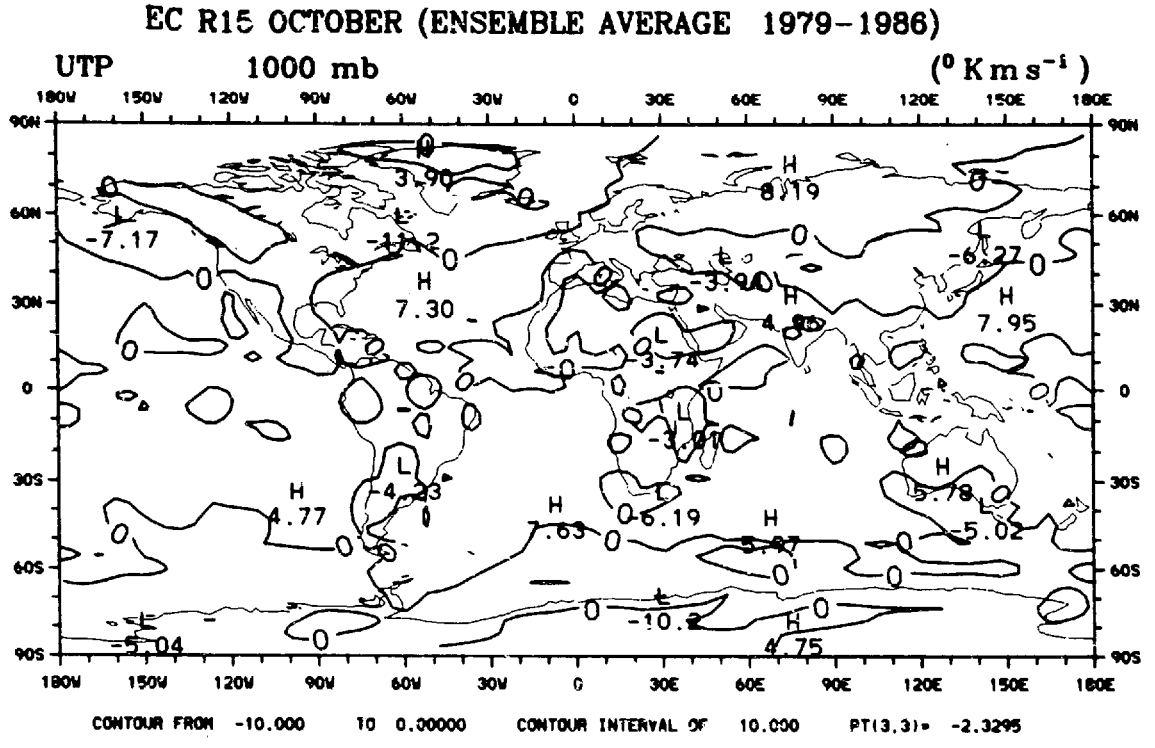
FRAME 1.39

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



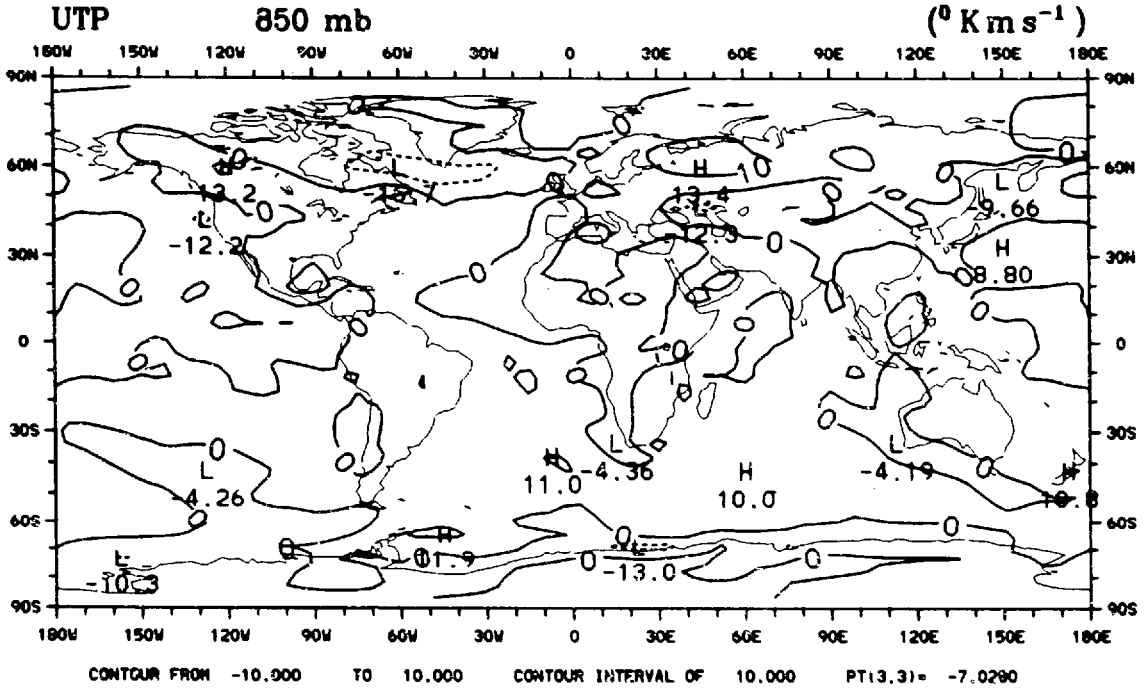

CONTOUR FROM 0.00000 TO 0.60000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.17223E-04 LABELS SCALED BY 10000.

FRAME 1.40


EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
UTP
1000 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
-7.17
3.90
H
8.19
-6.27
H
7.30
-3.90
H
4.85
H
7.95
L
-3.74
L
-3.01
H
5.78
-5.02
L
-4.23
H
4.77
H
7.63
-6.19
H
5.87
-10.2
H
4.75
-5.04
CONTOUR FROM -10.000 TO 0.00000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -2.3295

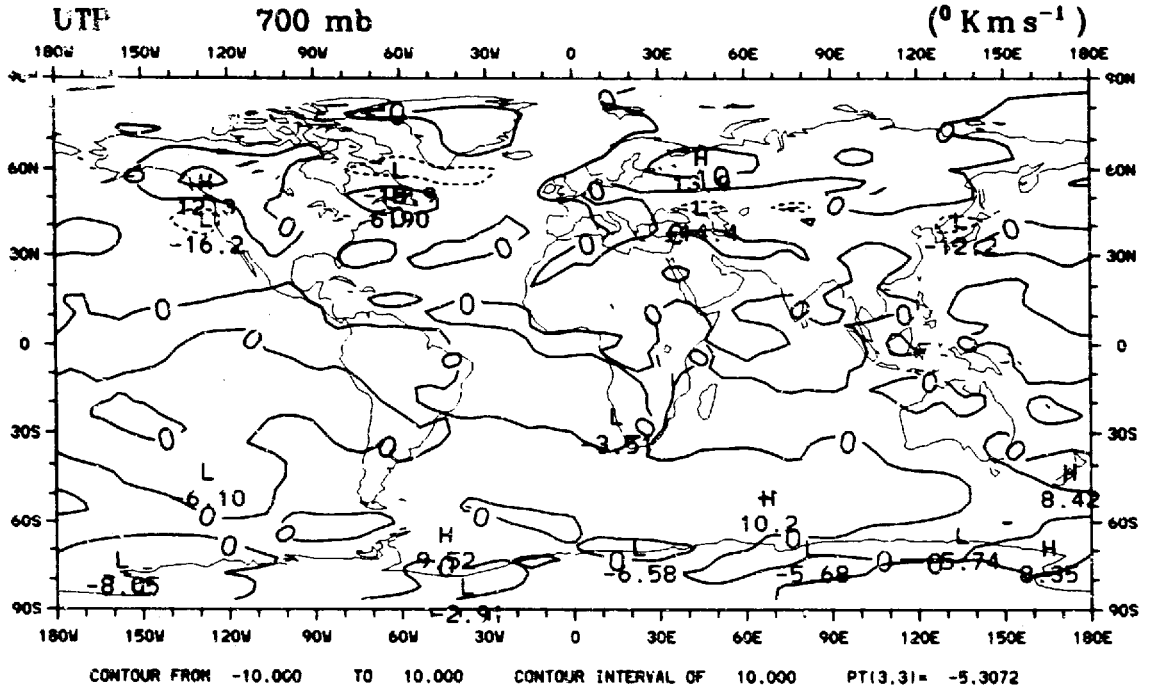
FRAME 1.41

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



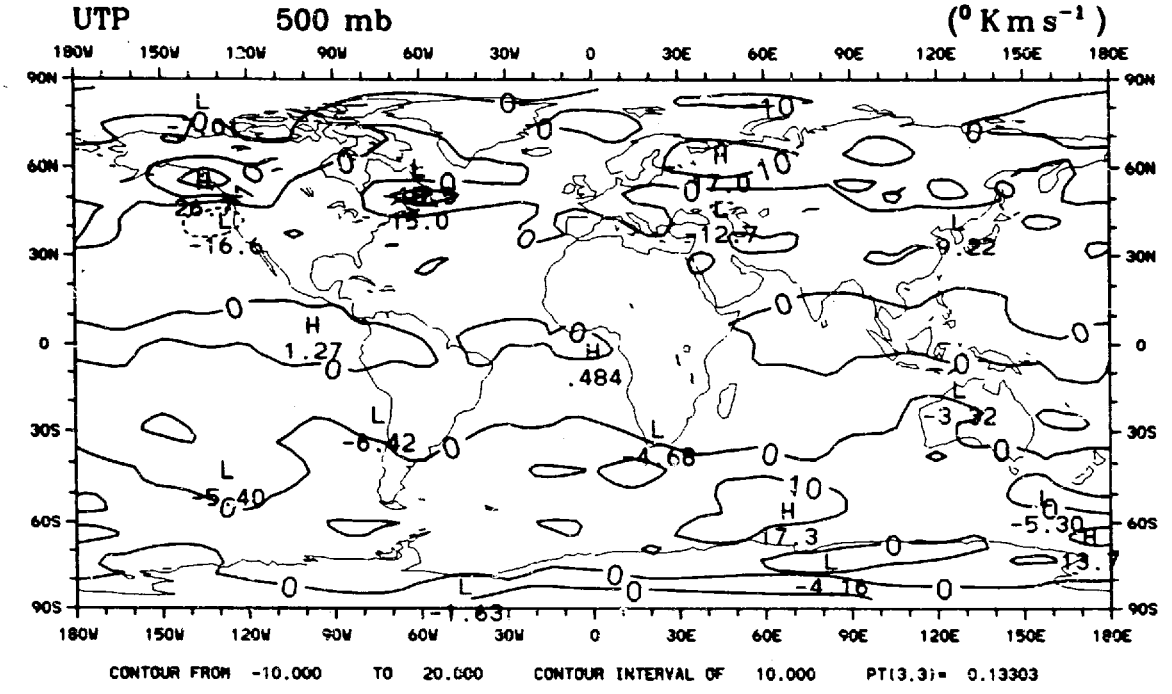

FRAME 1.42

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



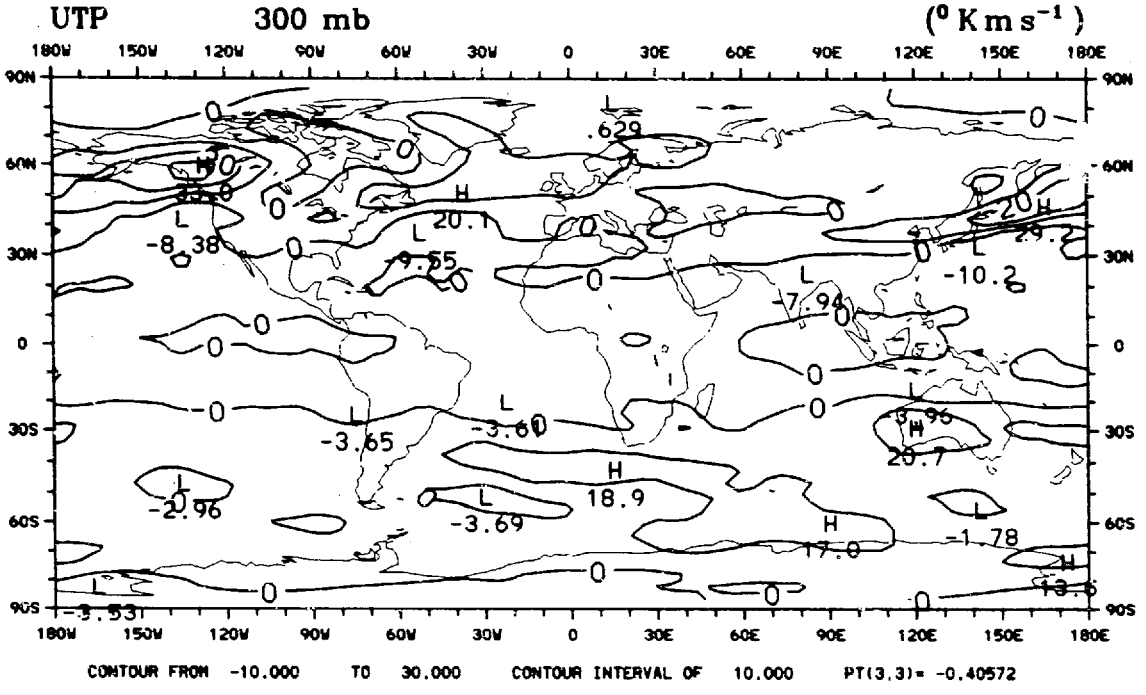

FRAME 1.43

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



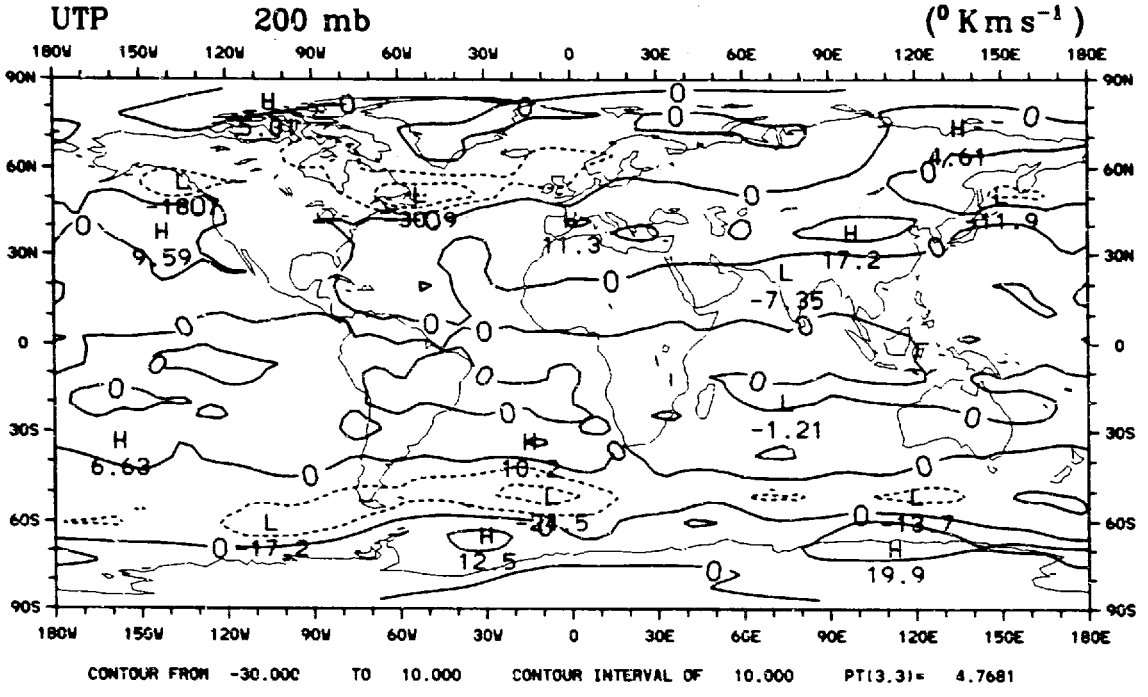

FRAME 1.44

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



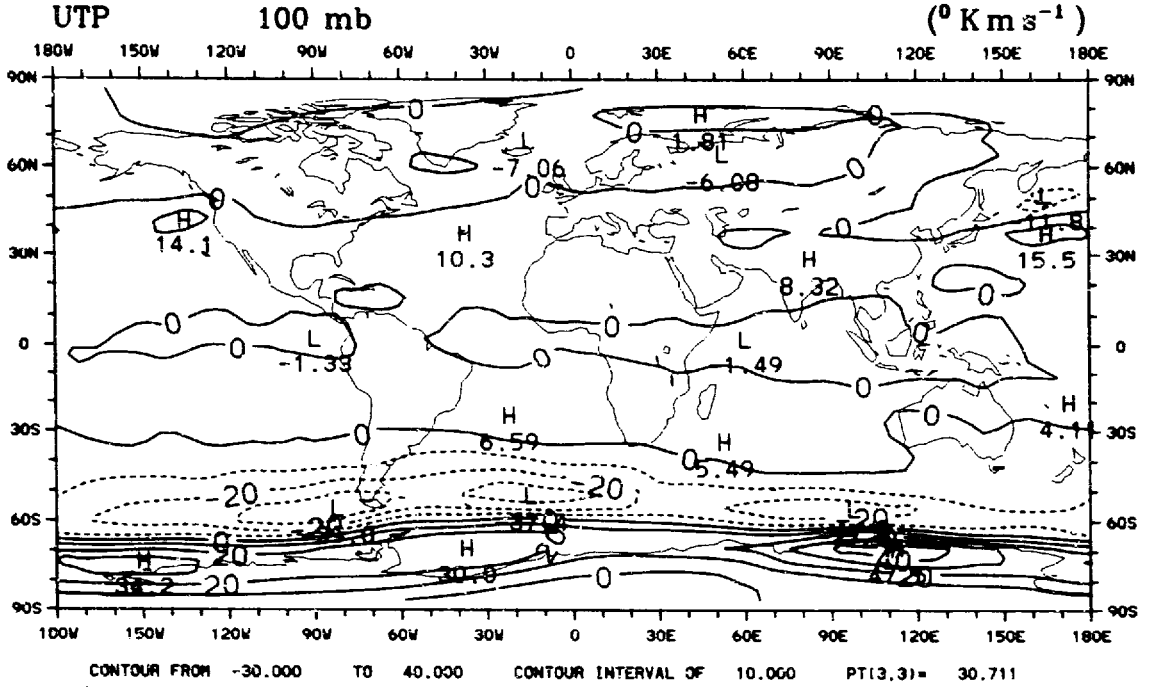

FRAME 1.45

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

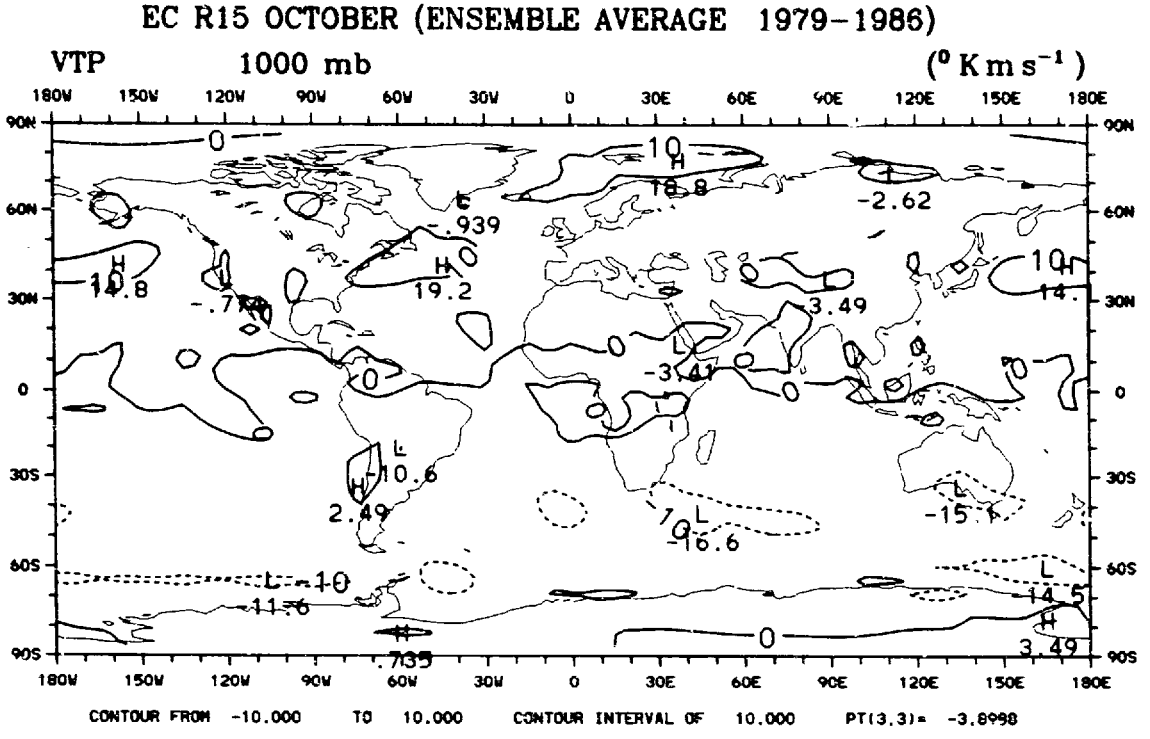



FRAME 1.46

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

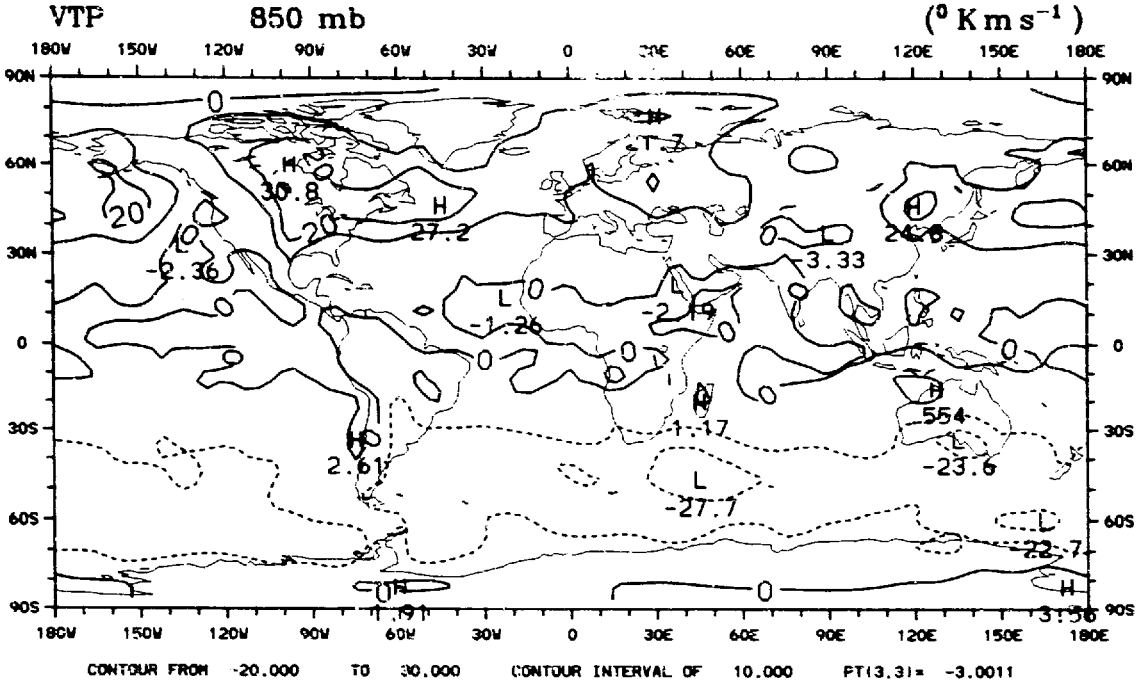



FRAME 1.47


EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
VTP
1000 mb
(°K m s⁻¹)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -10.000 TO 10.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -3.8998

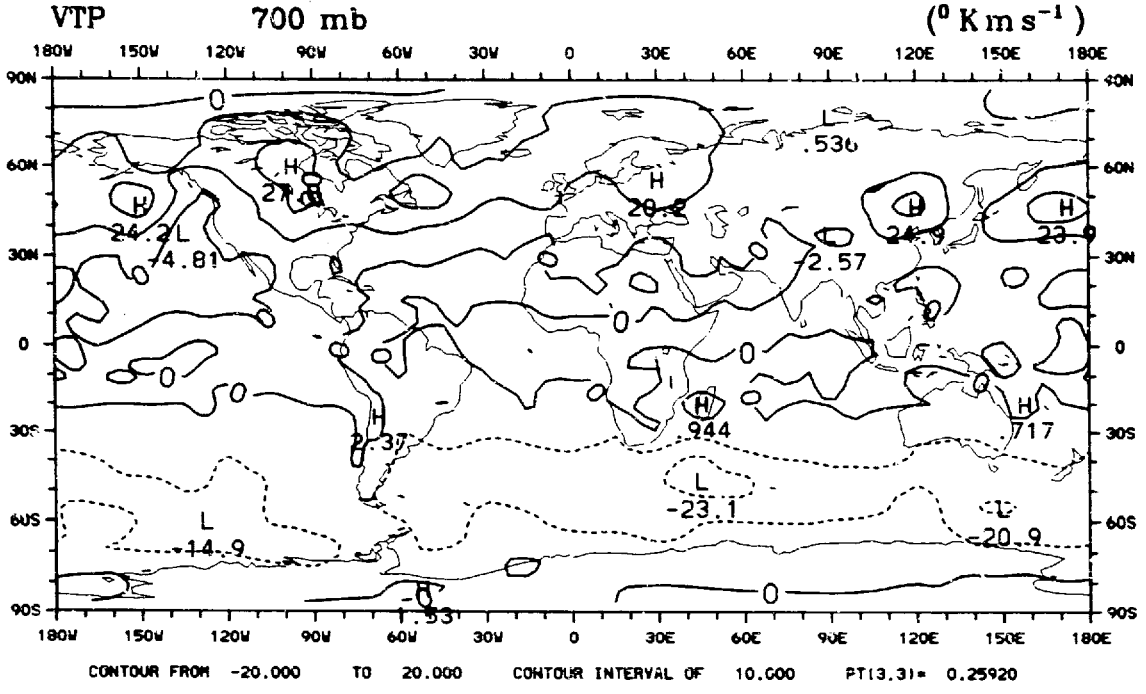
FRAME 1.48

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



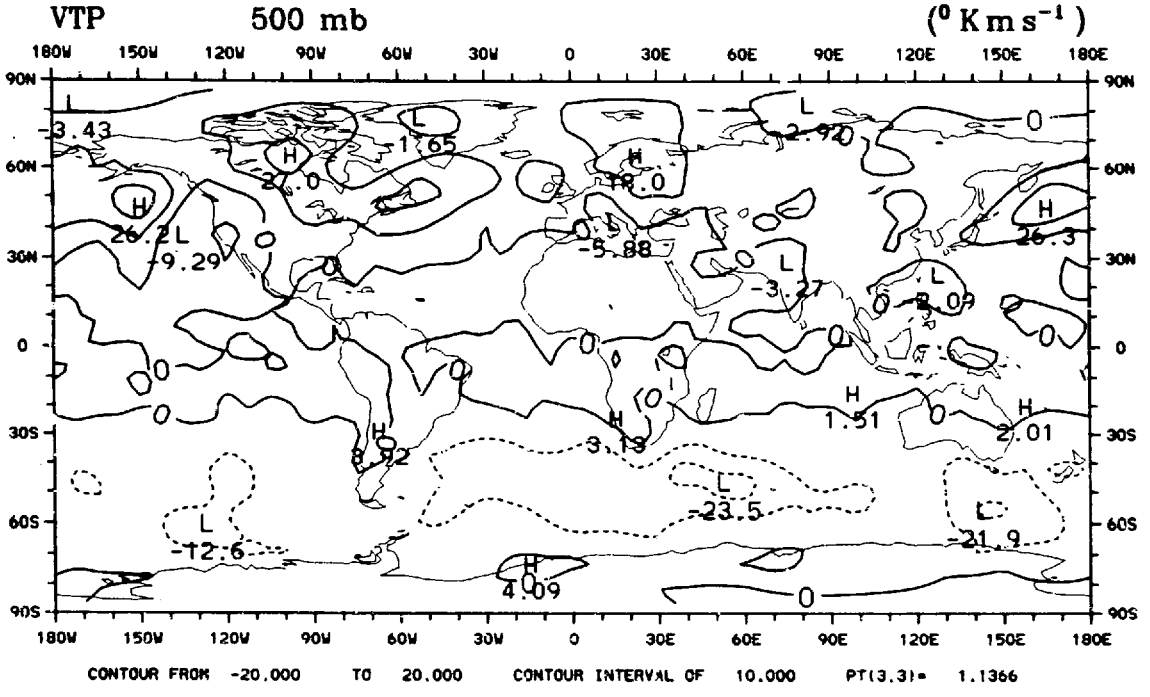

FRAME 1.49

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



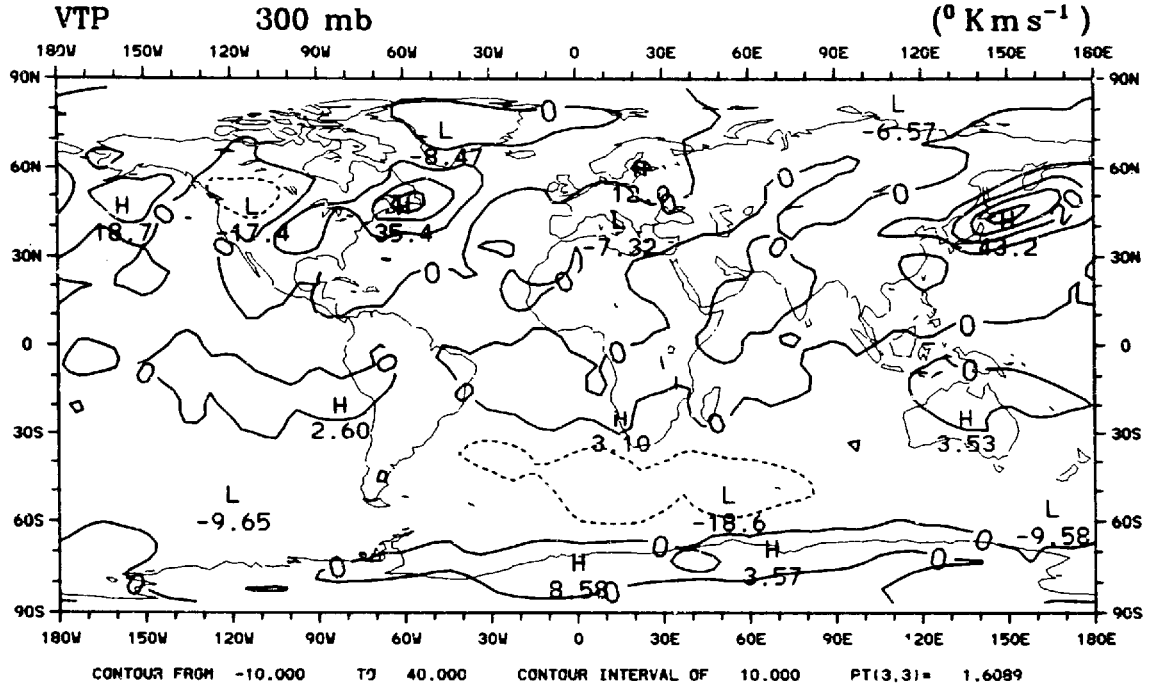

FRAME 1.50

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



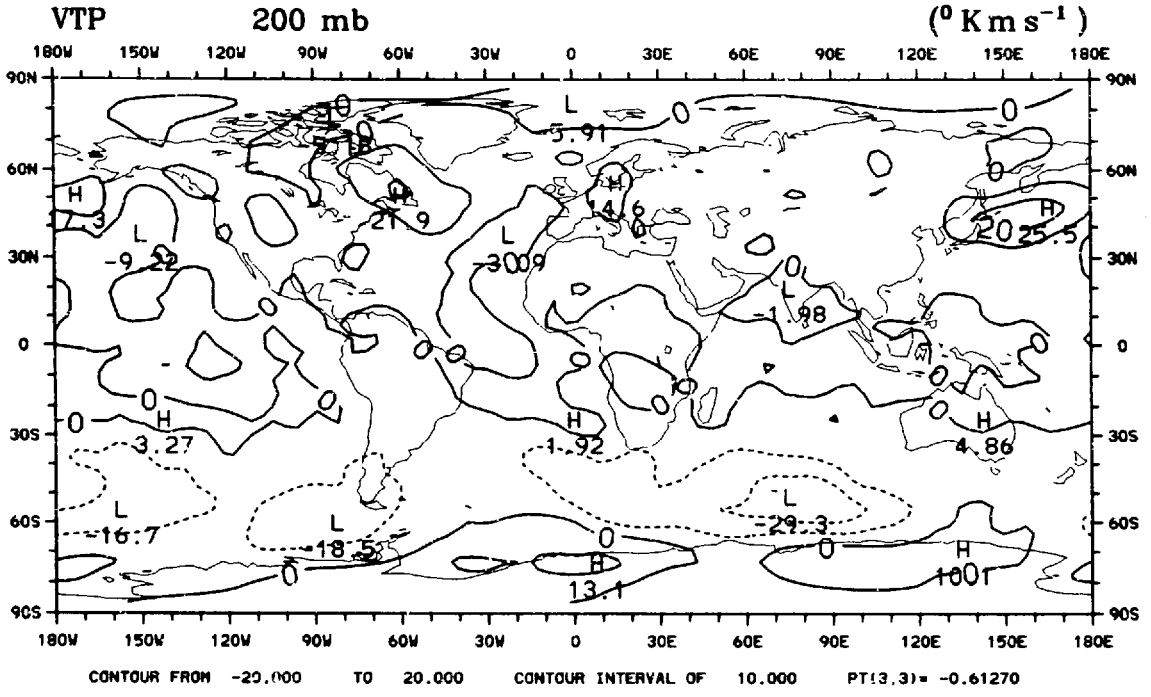

FRAME 1.51

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



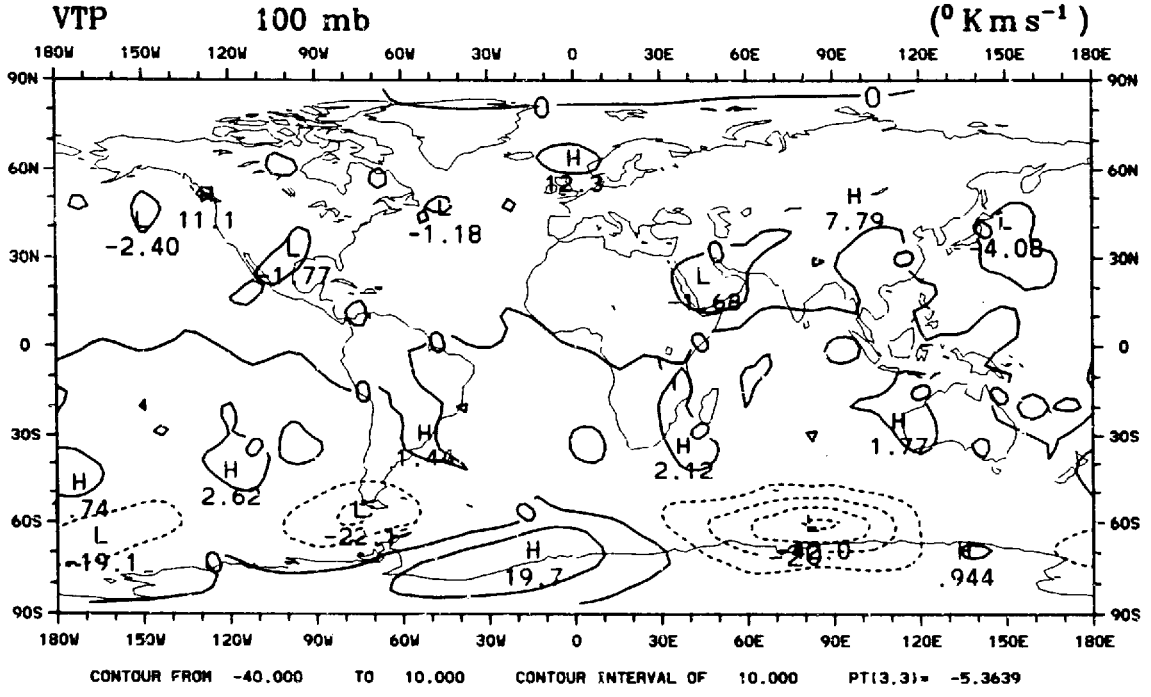

FRAME 1.52

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



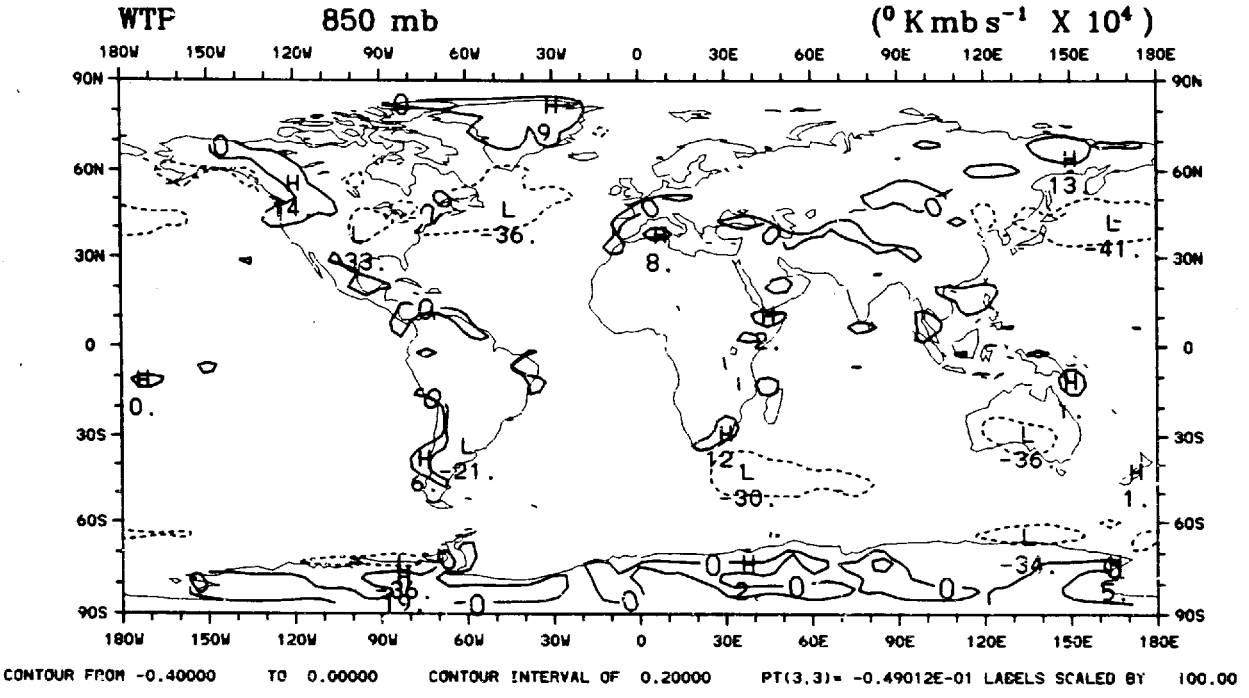

FRAME 1.53

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



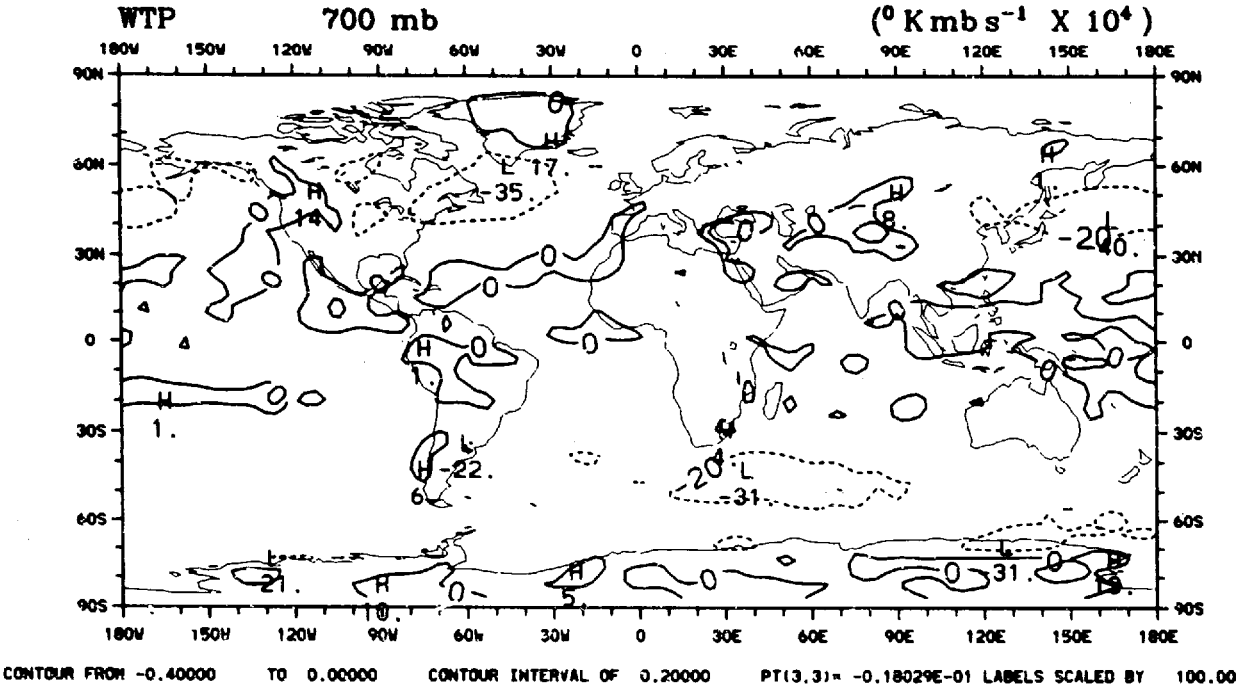

FRAME 1.54

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



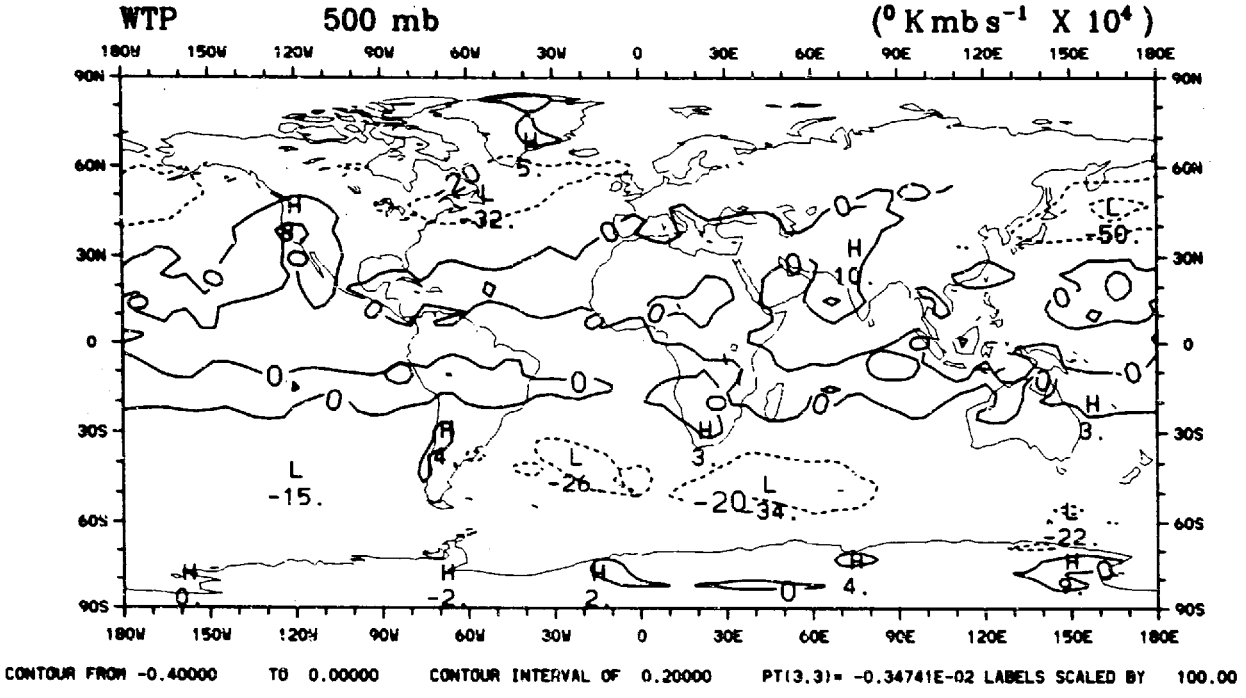

FRAME 1.55

# EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



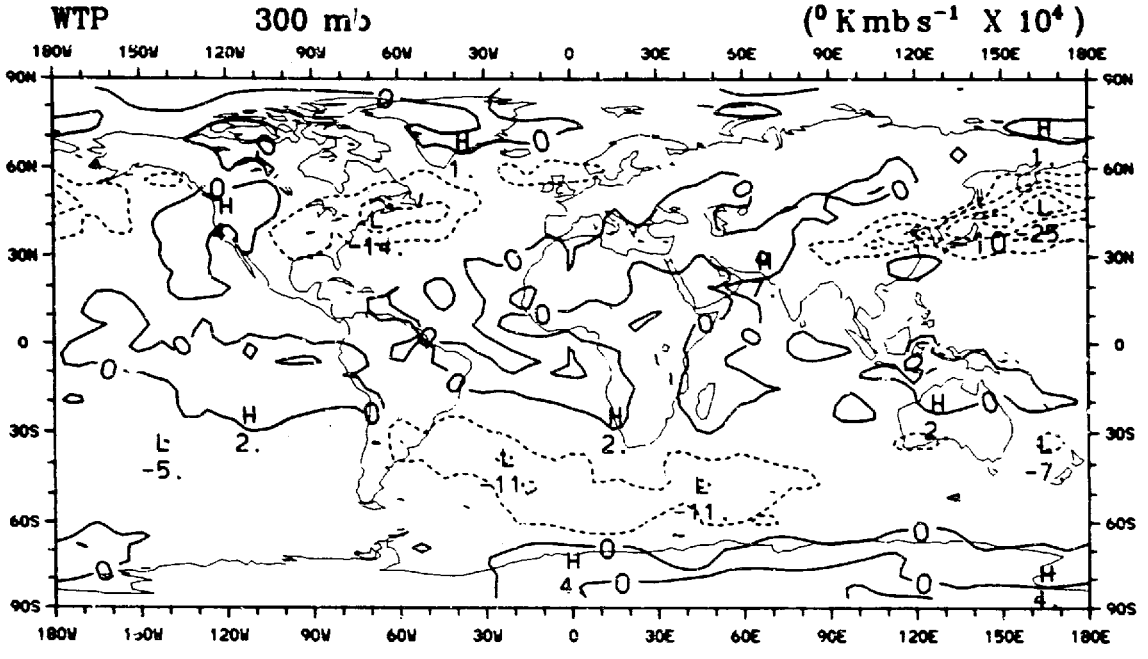

FRAME 1.56

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.57

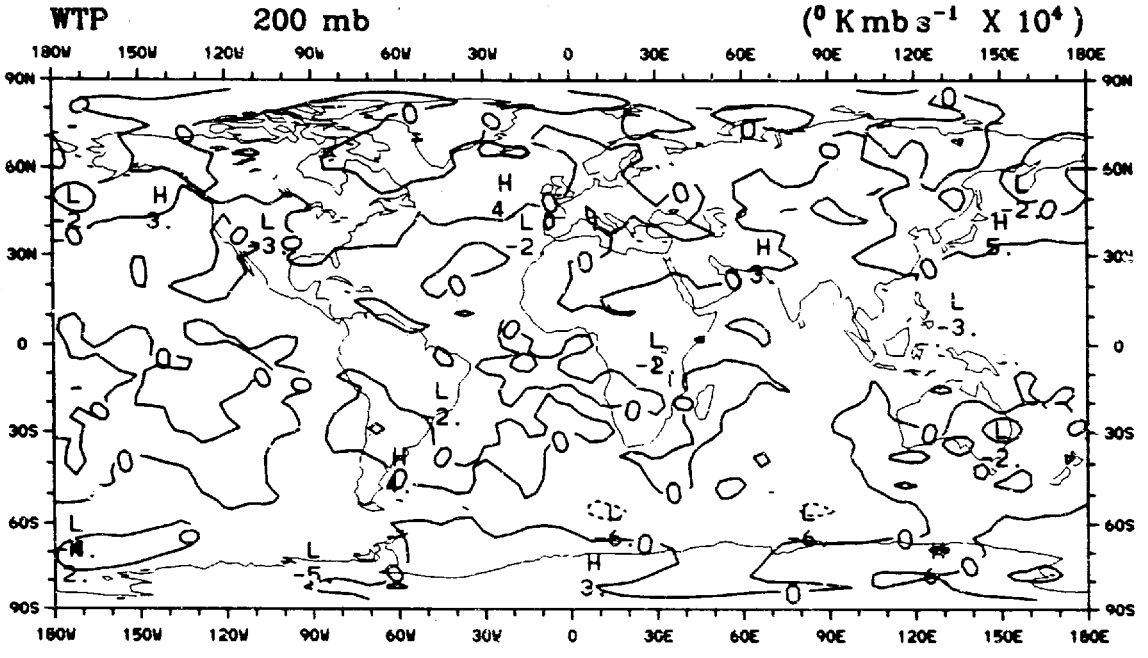
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.25000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.25935E-03 LABELS SCALED BY 100.00

FRAME 1.58

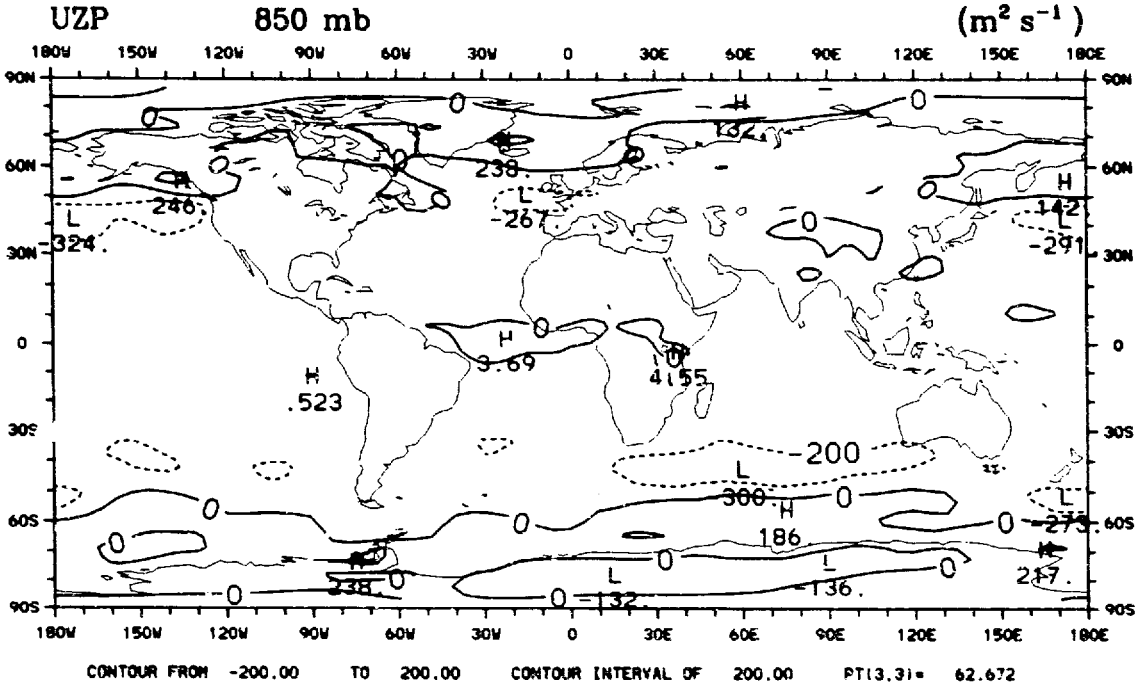
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.50000E-01 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.77686E-02 LABELS SCALED BY 100.00

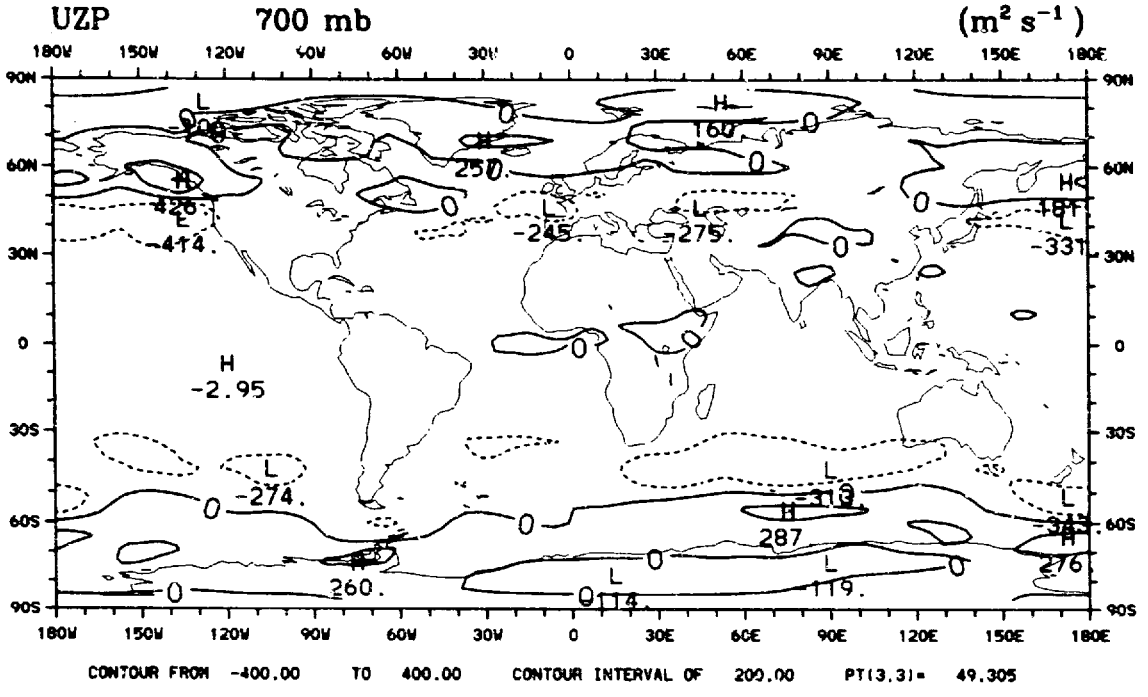
FRAME 1.59

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



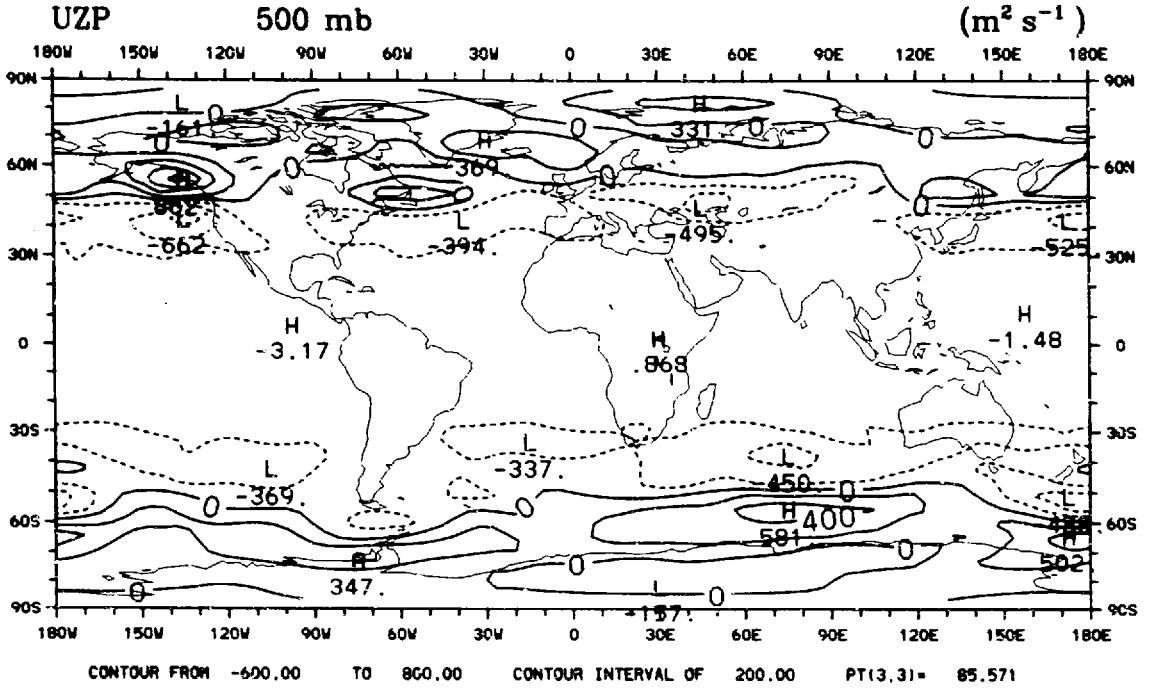

FRAME 1.60

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



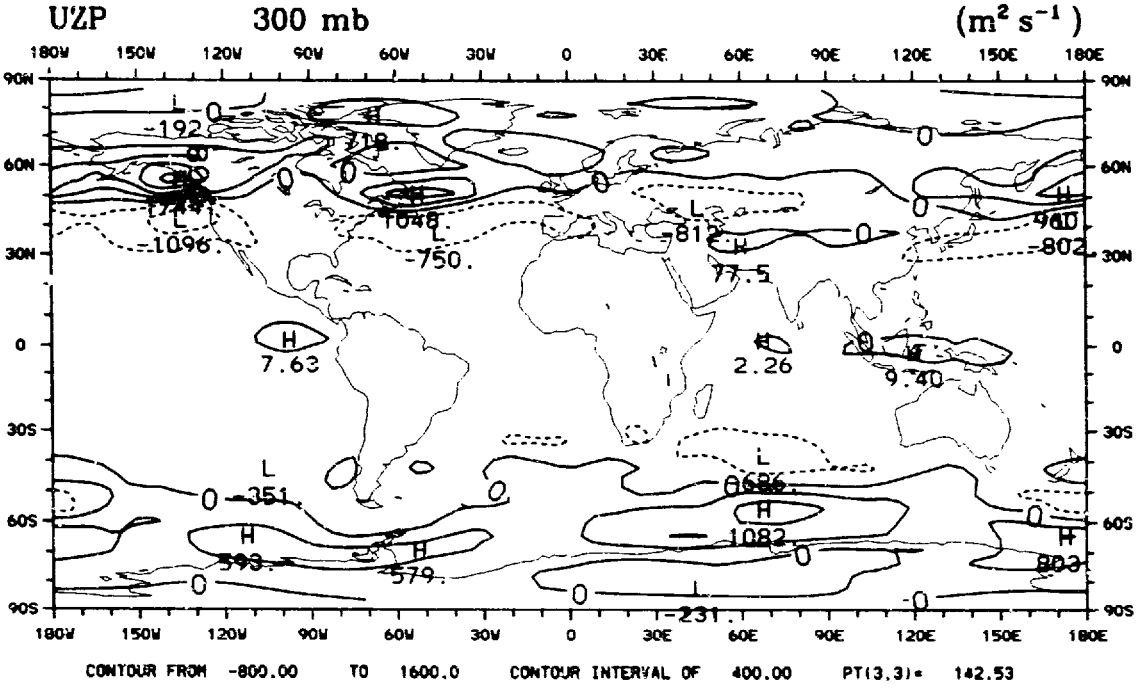

FRAME 1.61

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



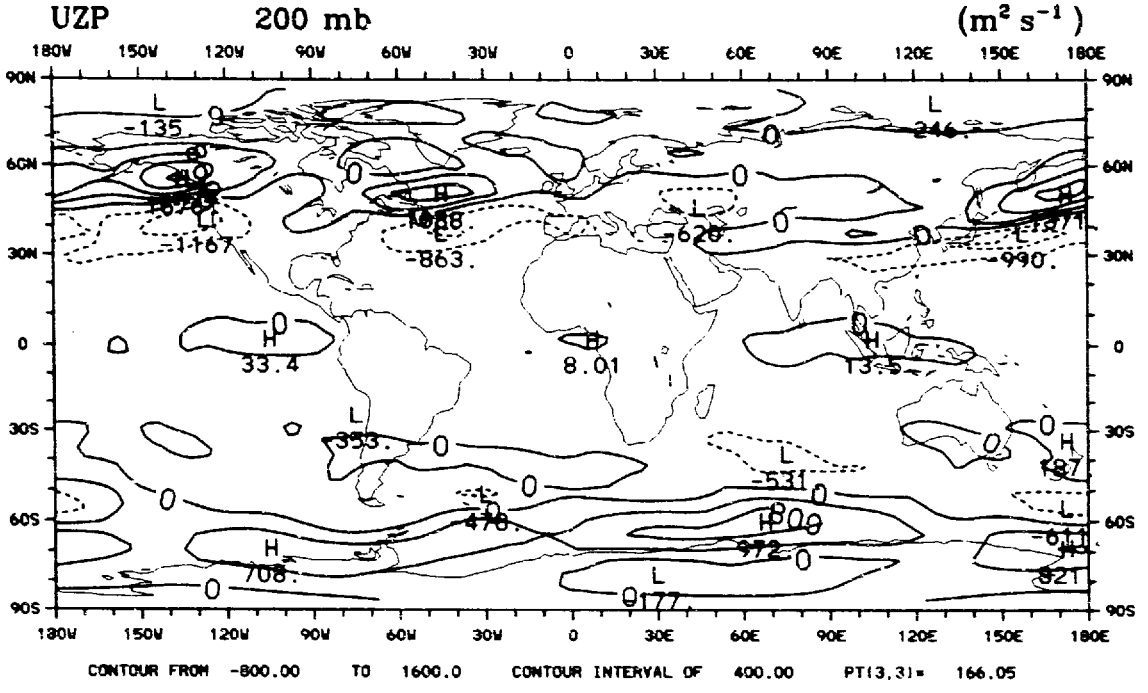

FRAME 1.62

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



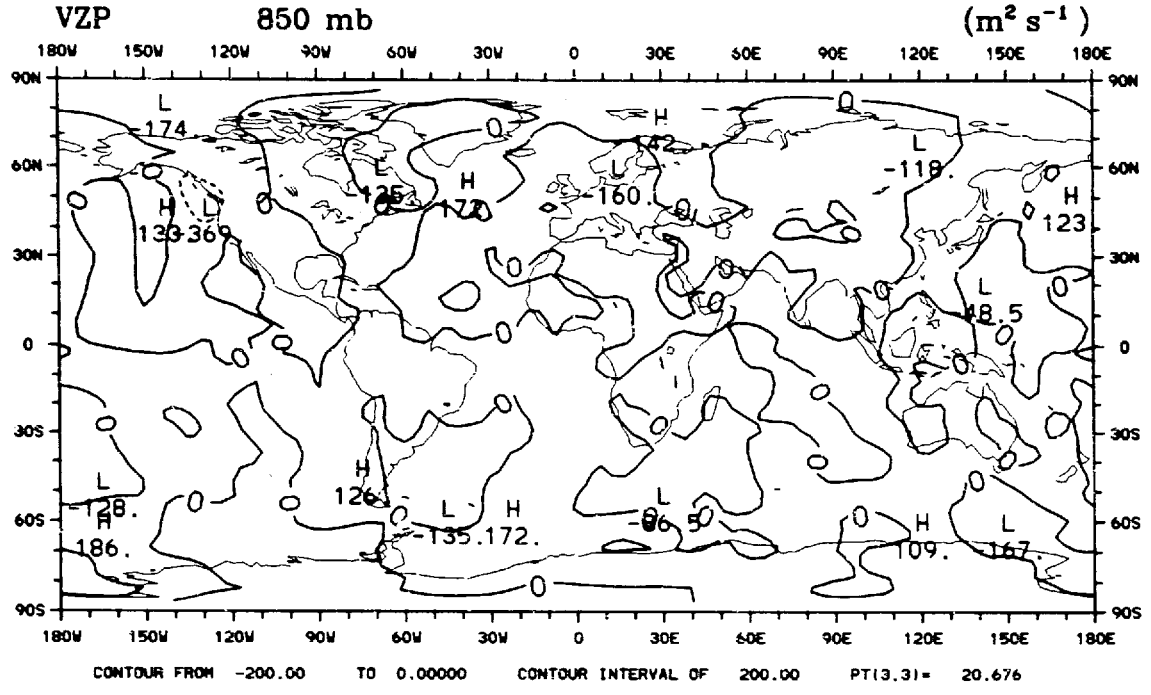

FRAME 1.63

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



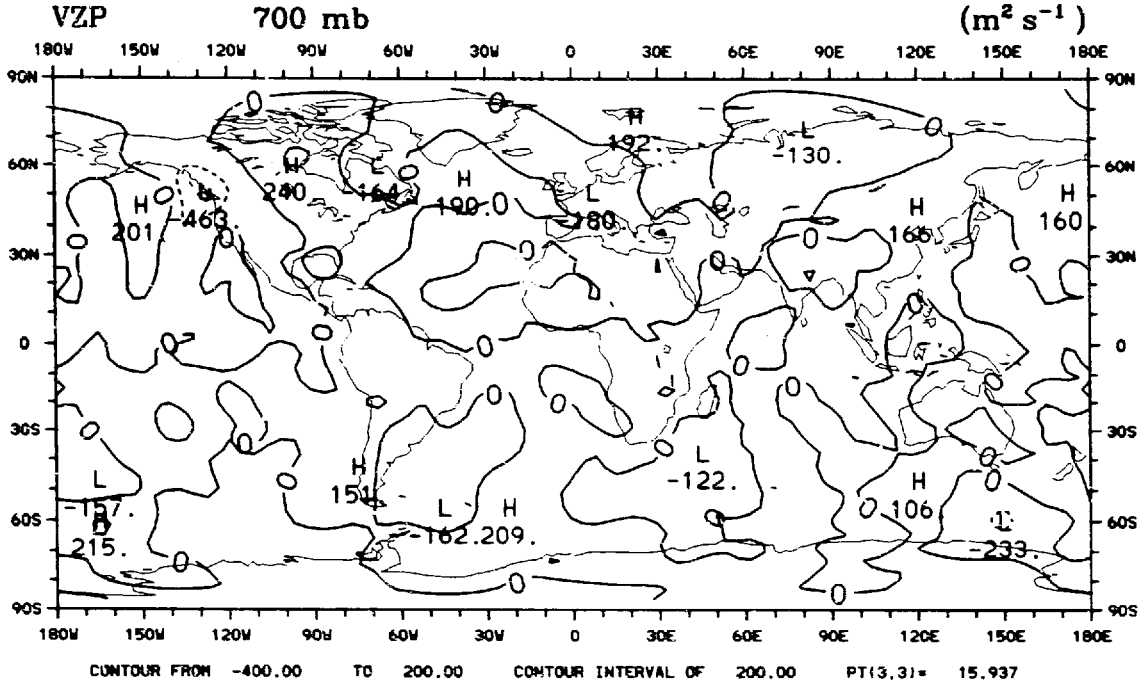

FRAME 1.64

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



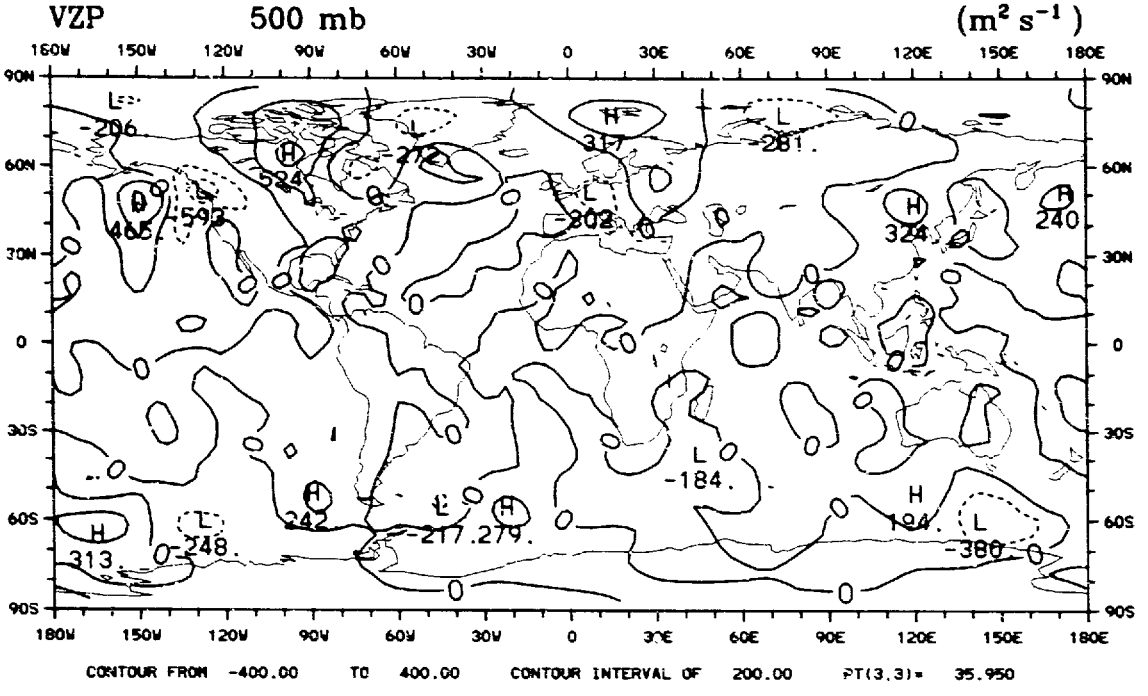

FRAME 1.65

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



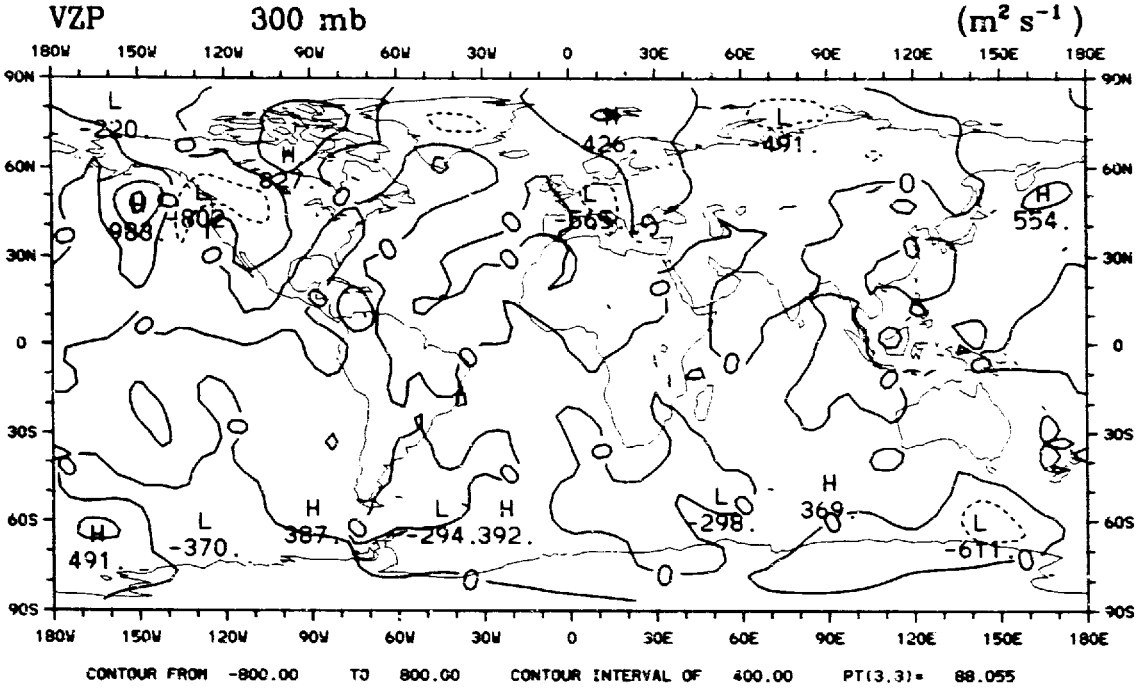

FRAME 1.66

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



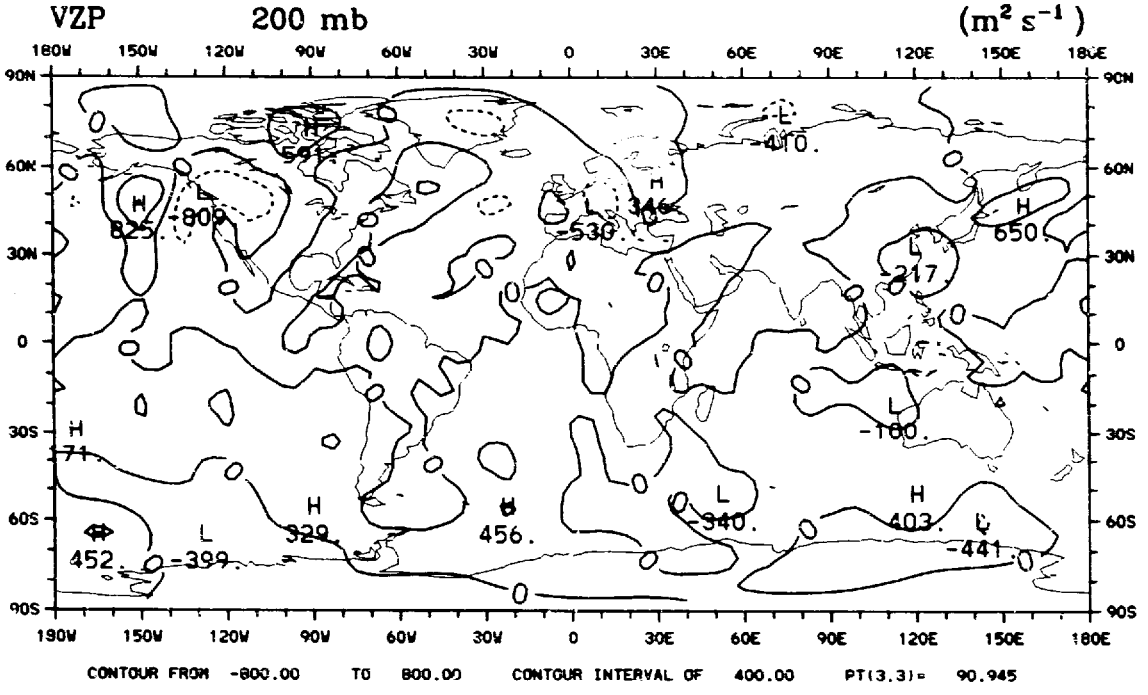

FRAME :.67

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



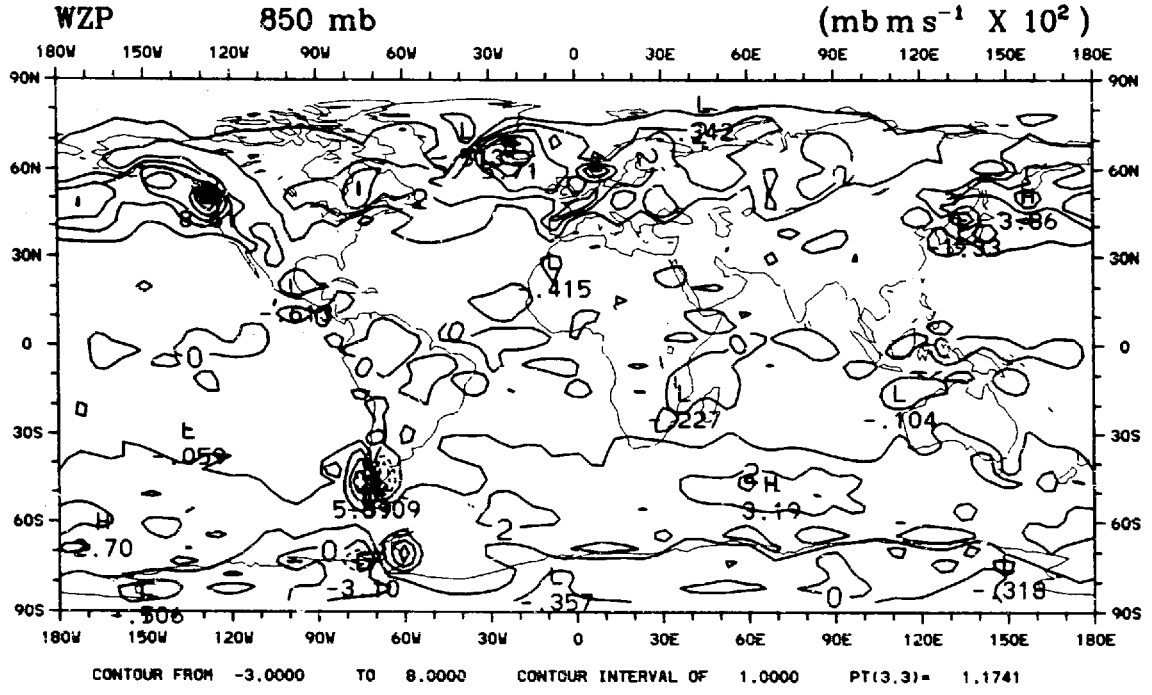

FRAME 1.68

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



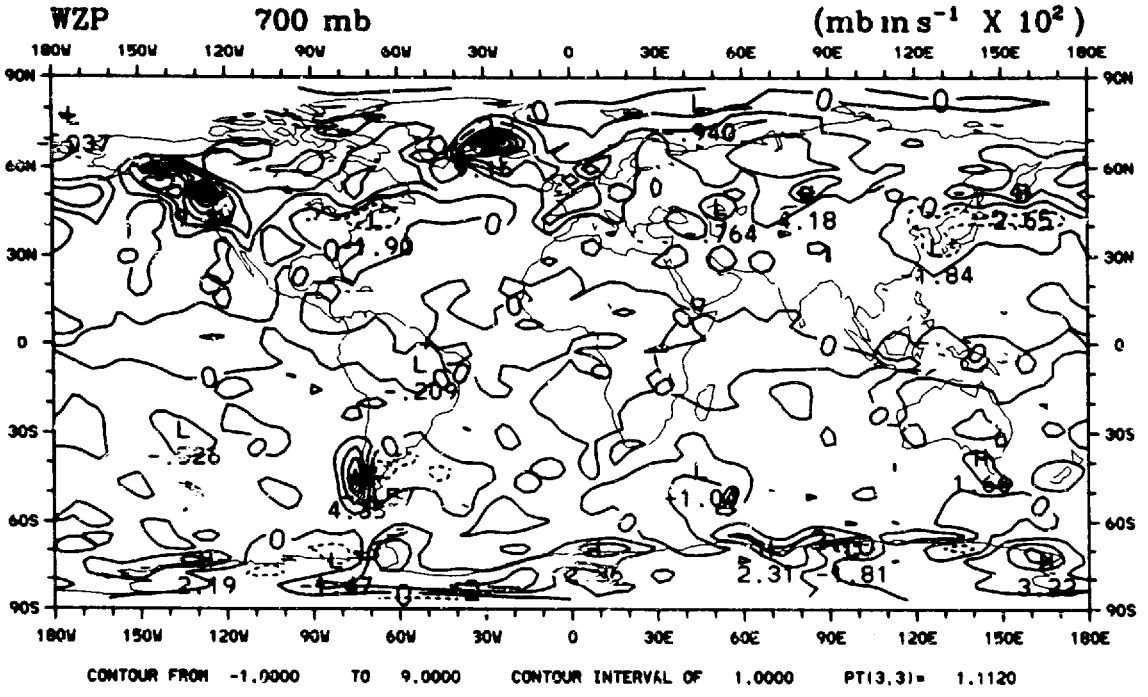

FRAME 1.69

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



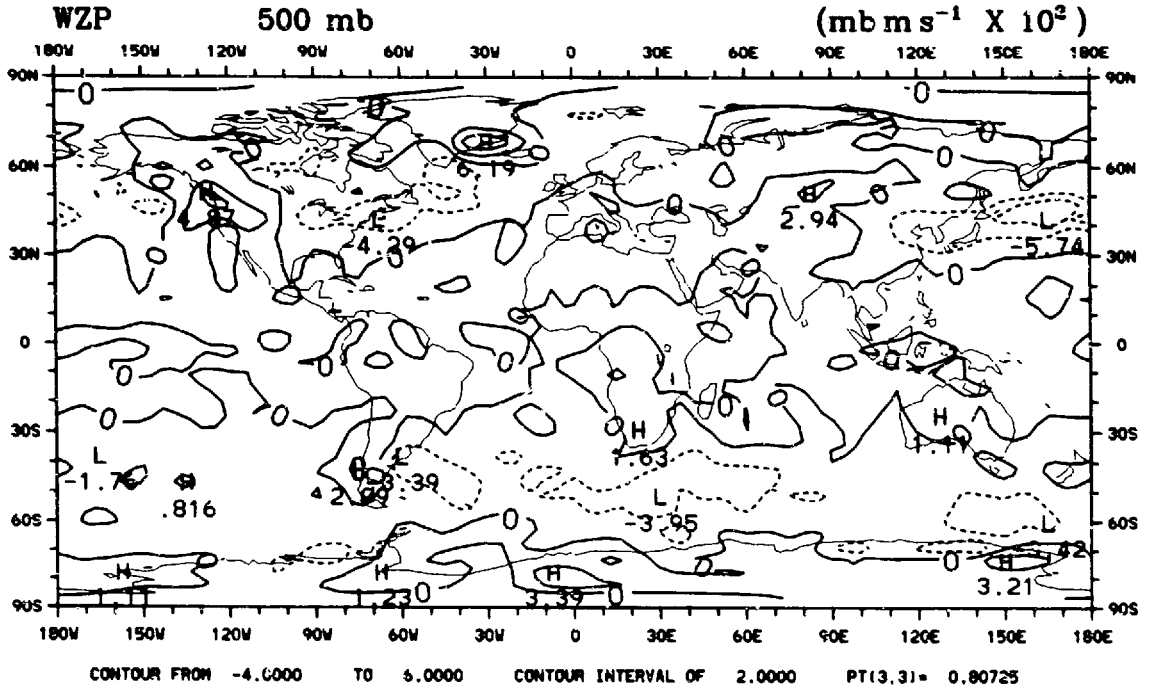

FRAME 1.70

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



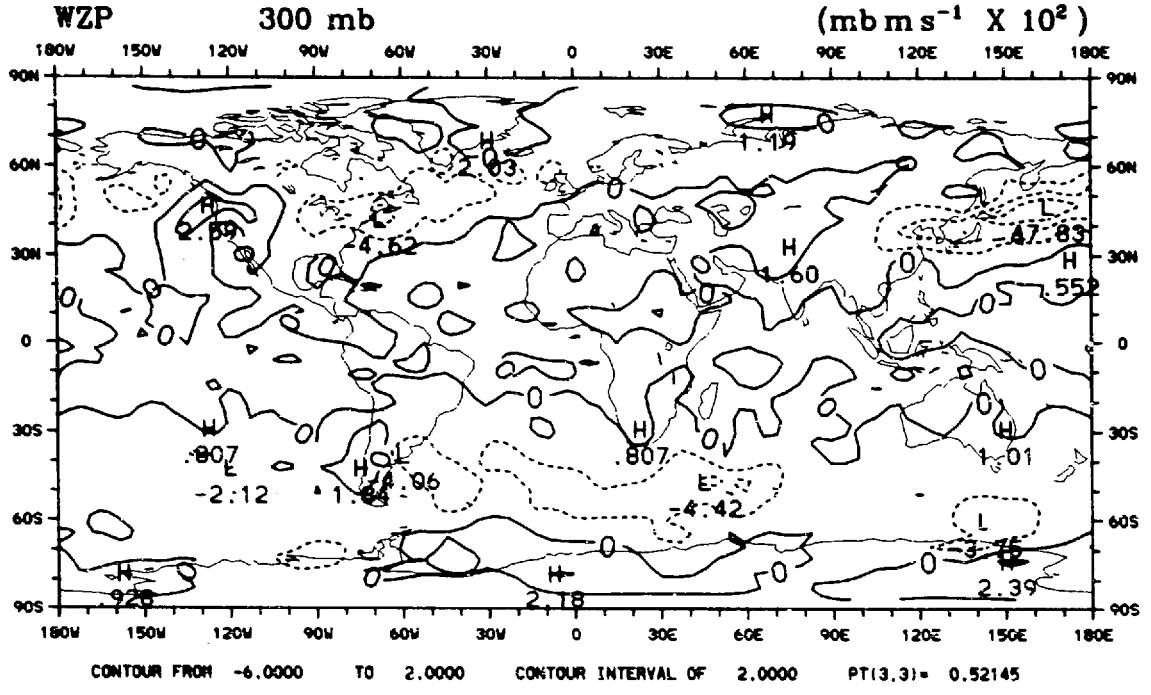

FRAME 1.71

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



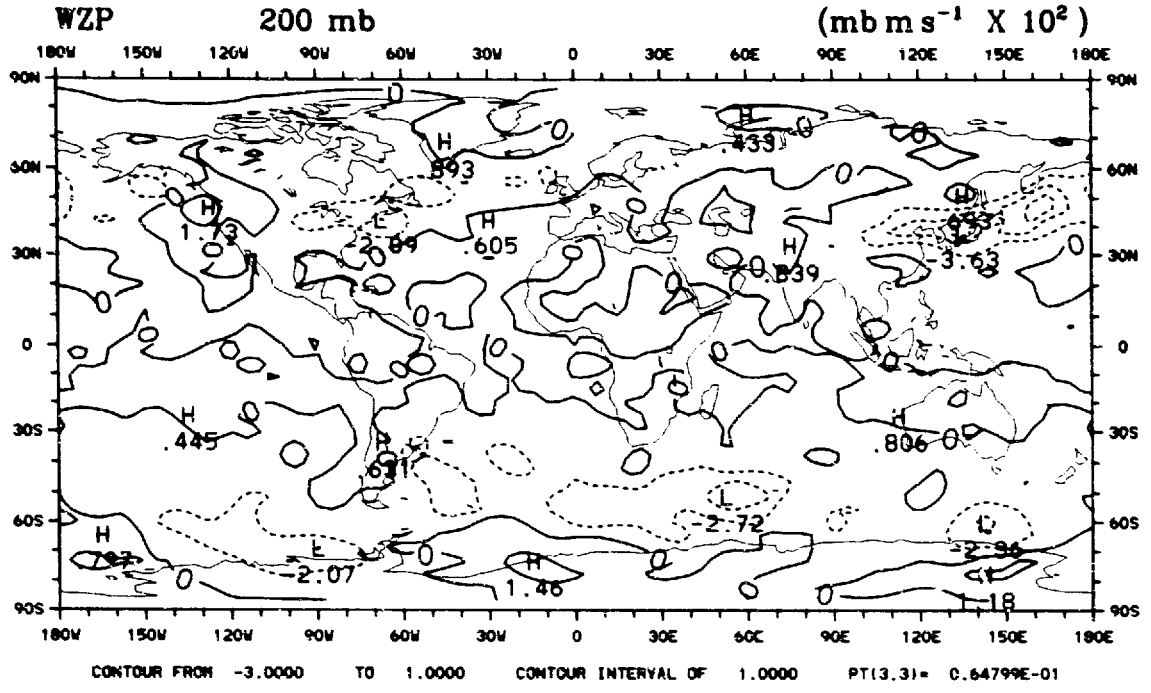

FRAME 1.72

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



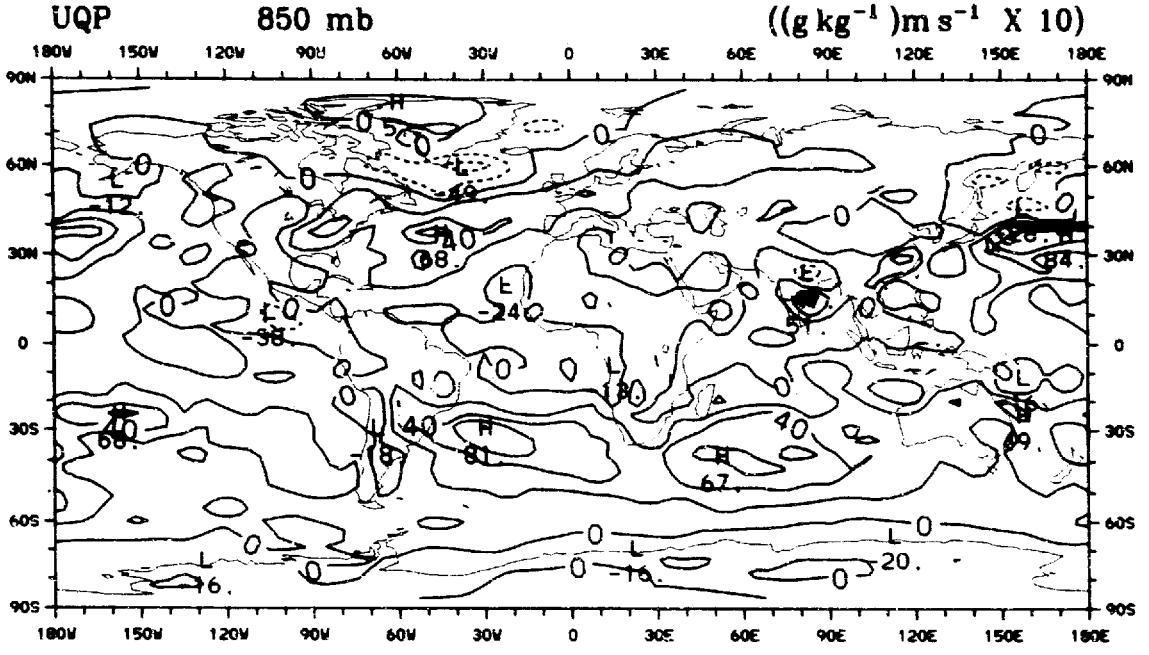

FRAME 1.73

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.74

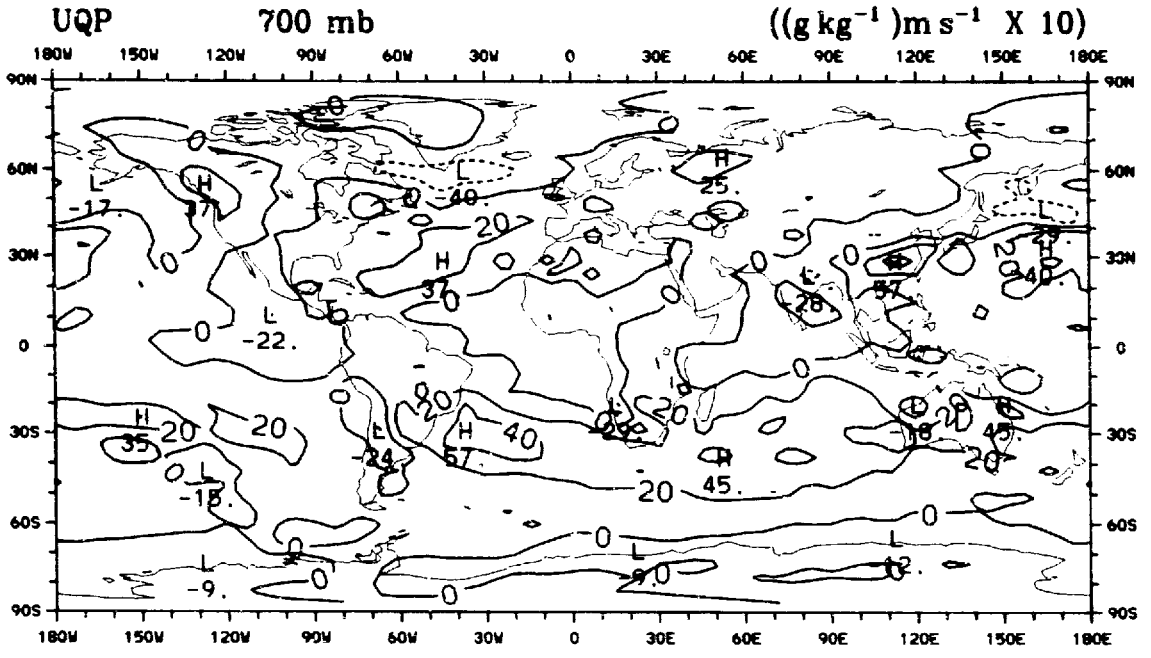
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.71023E-03 LABELS SCALED BY 10000.

FRAME 1.75

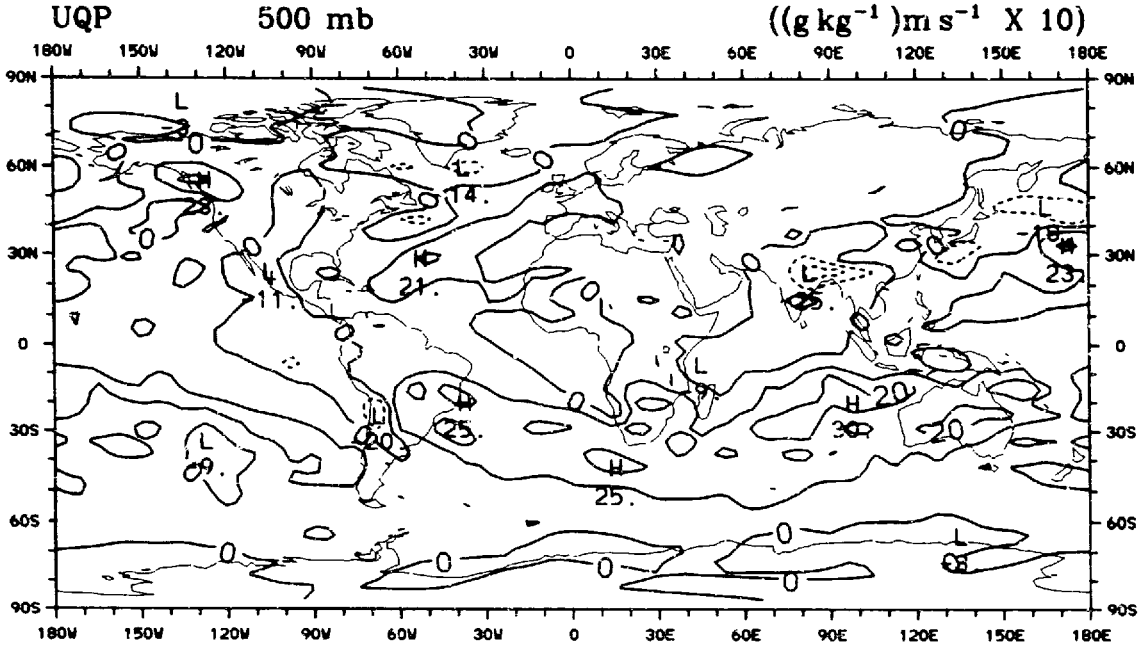
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.55643E-03 LABELS SCALED BY 1000.

FRAME 1.76

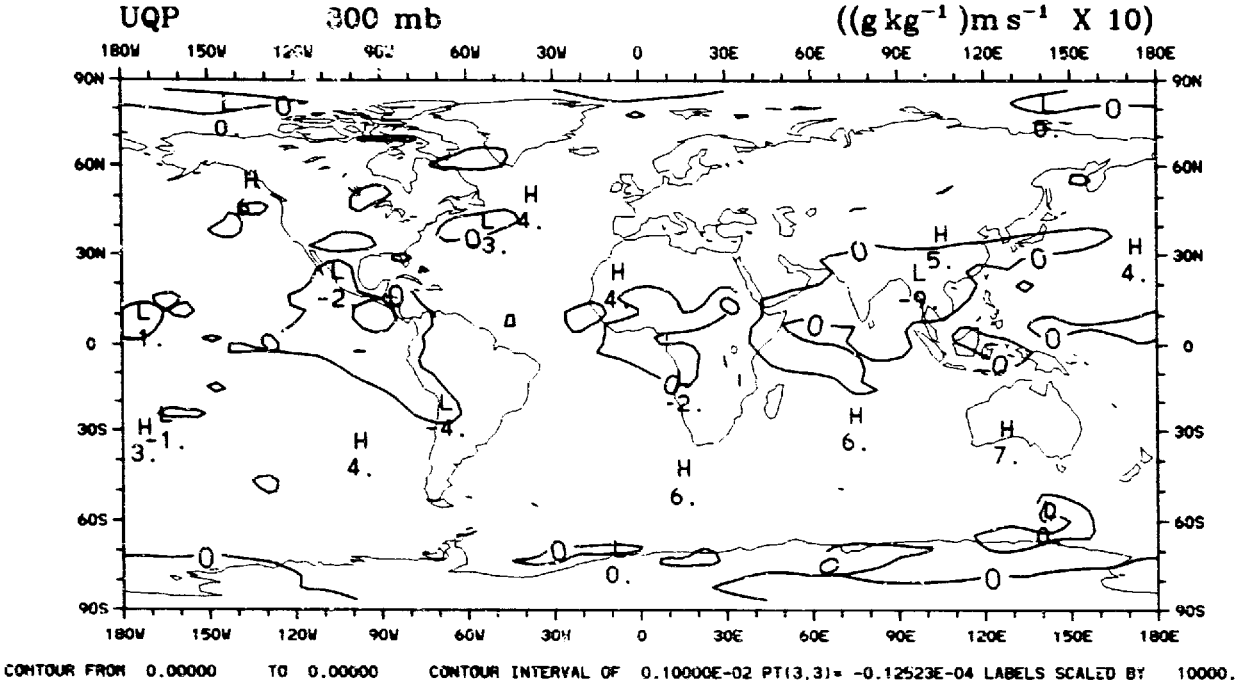
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.13514E-03 LABELS SCALED BY 10000.

FRAME 1.77

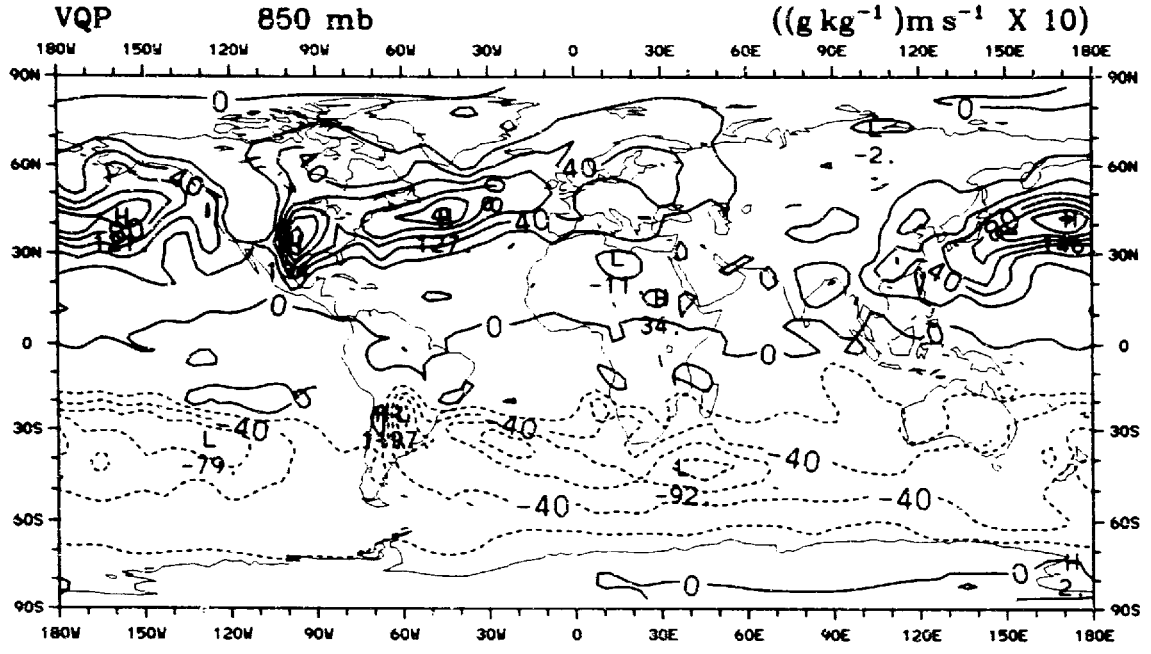
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.12523E-04 LABELS SCALED BY 10000.

FRAME 1.78

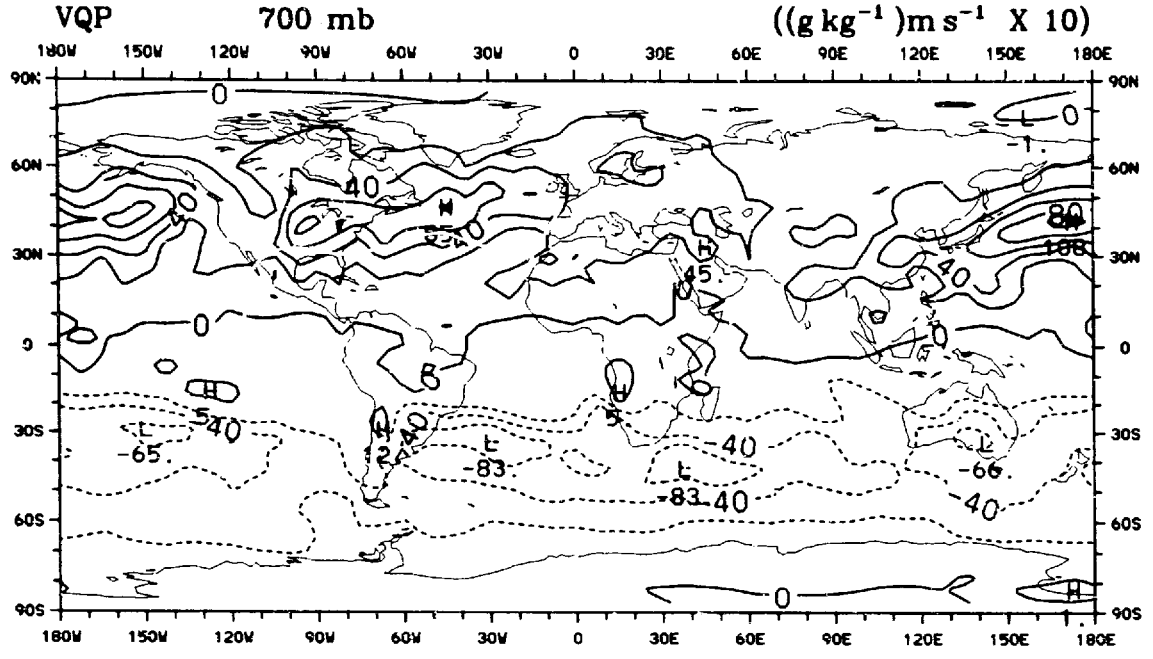
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000E-02 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.66892E-03 LABELS SCALED BY 10000.

FRAME 1.79

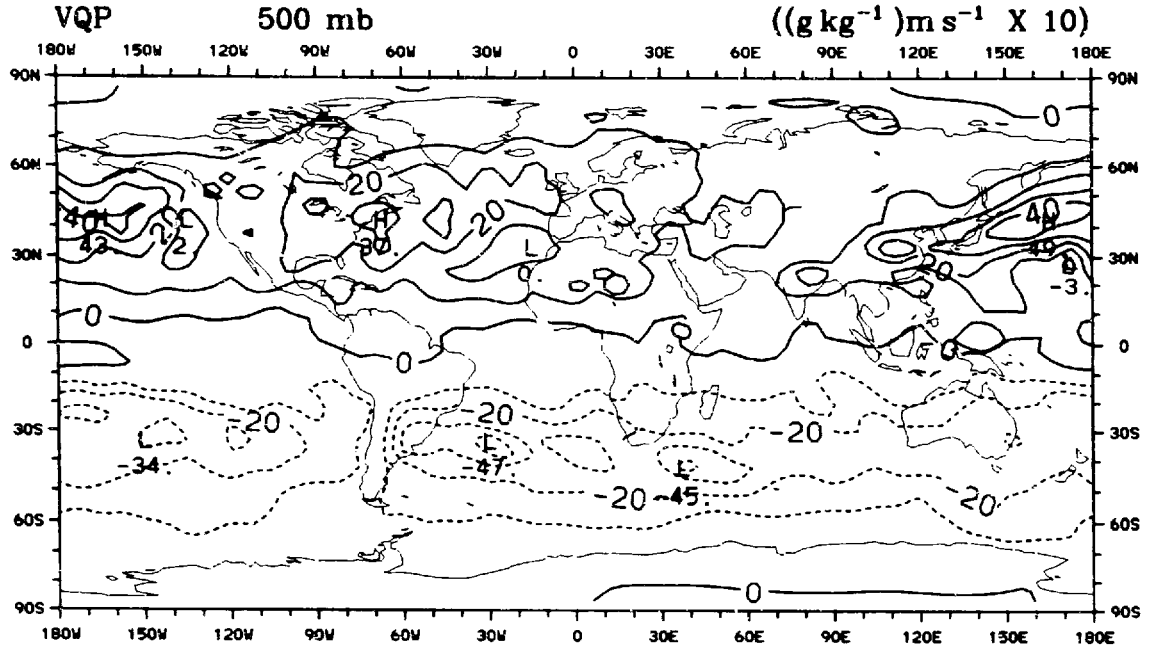
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000E-02 TO 0.10000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.38722E-03 LABELS SCALED BY 10000.

FRAME 1.80

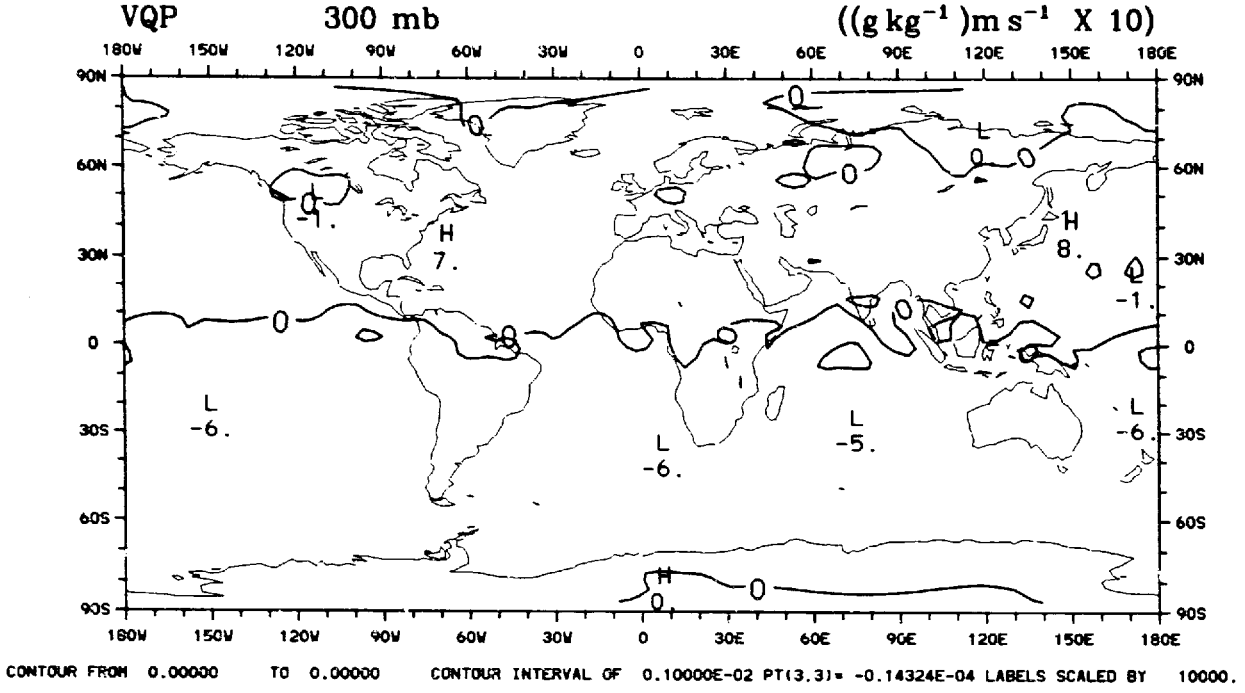
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.13218E-03 LABELS SCALED BY 10000.

FRAME 1.81

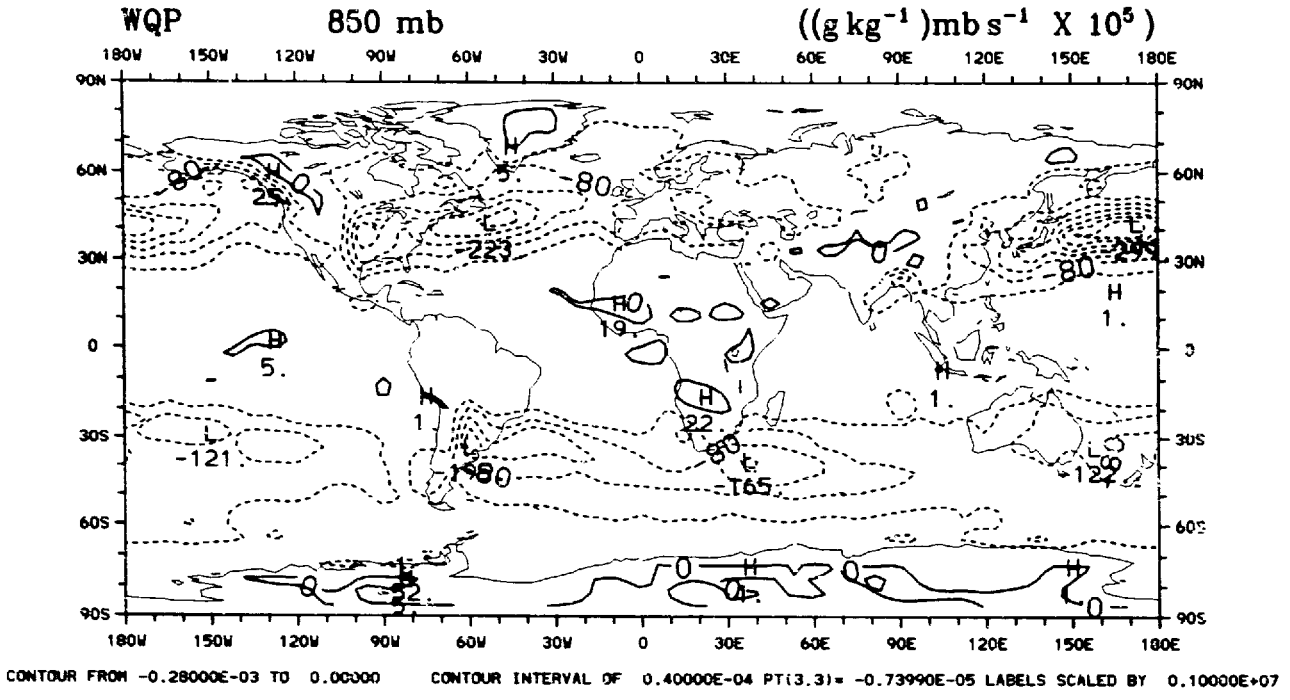
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.14324E-04 LABELS SCALED BY 10000.

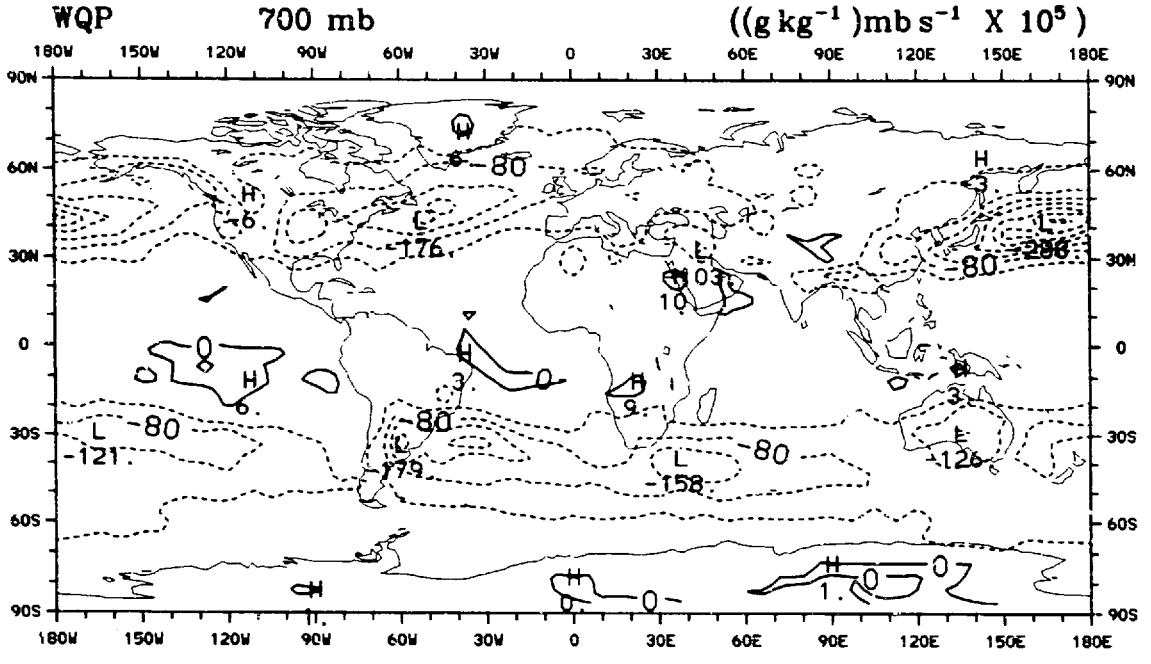
FRAME 1.82

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.83

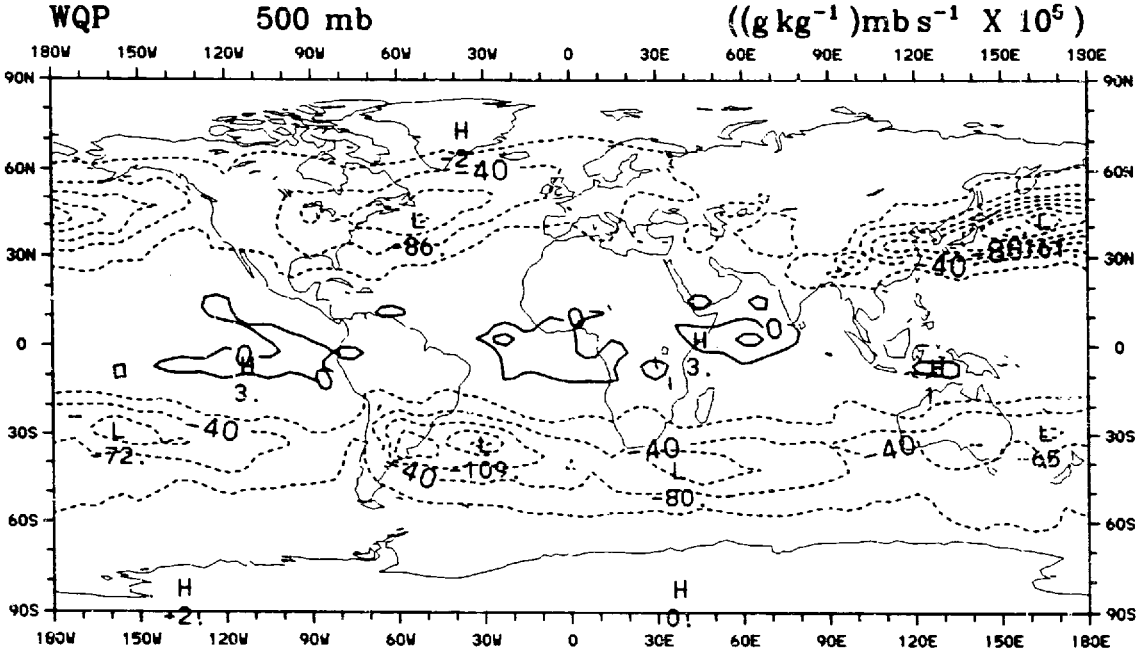
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.28000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.75610E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.84

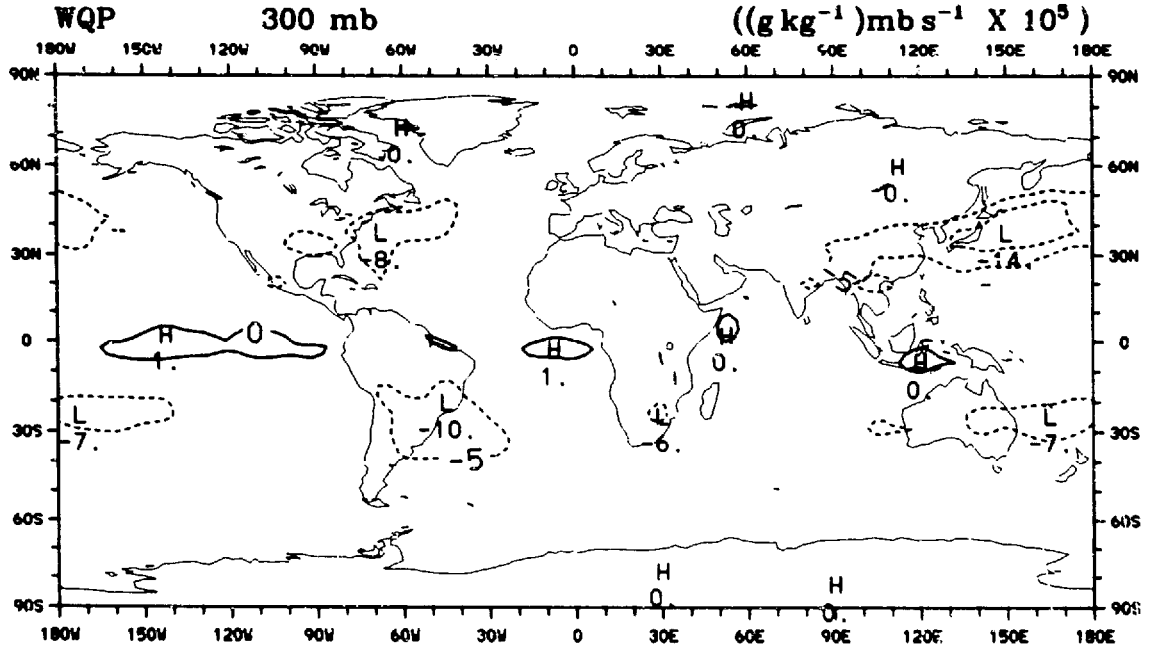
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.16000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.27959E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

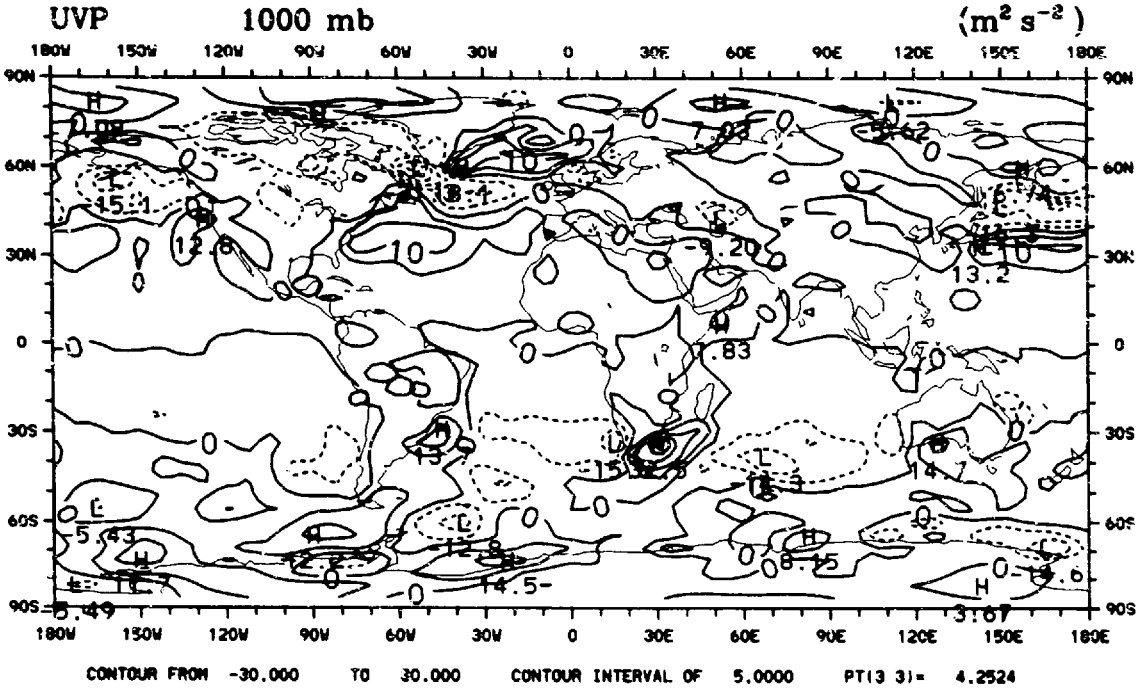
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



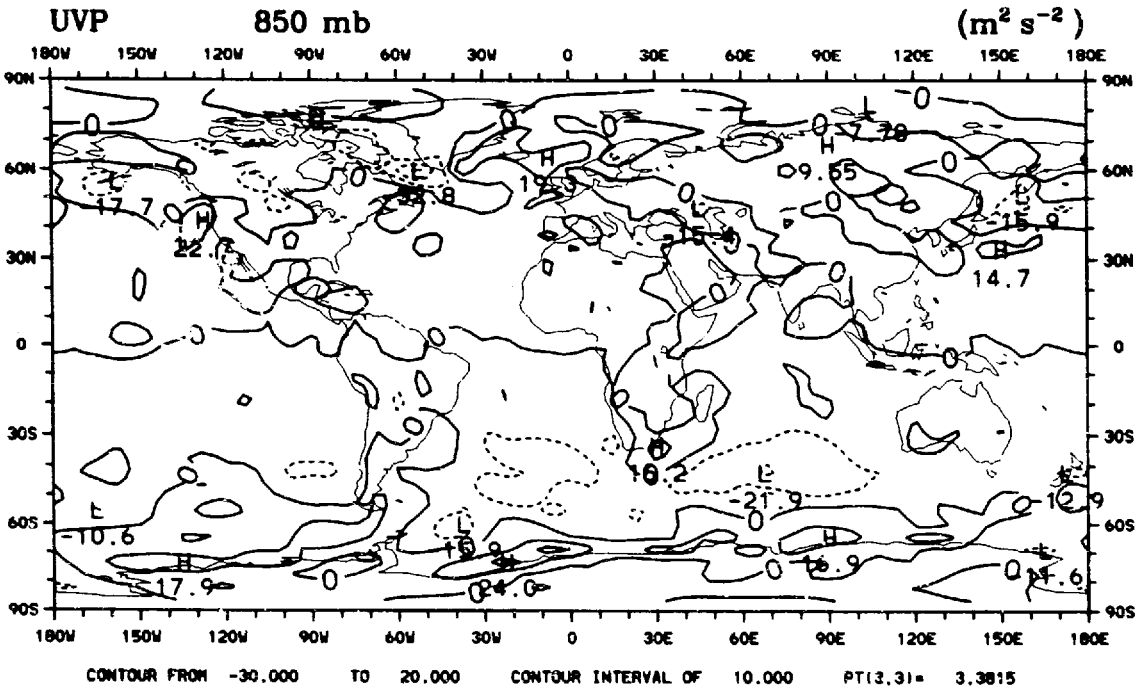

CONTOUR FROM -0.10000E-04 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.12632E-06 LABELS SCALED BY 0.10000E+07

FRAME 1.86

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

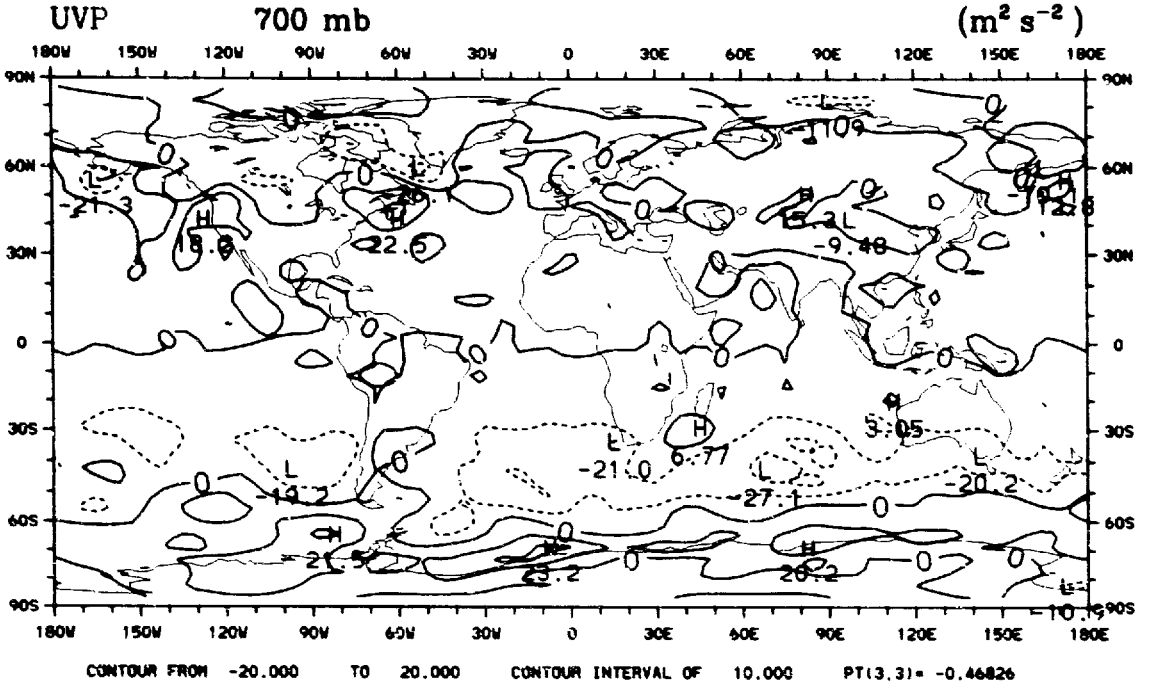



FRAME 1.87


EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
UVP
850 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -30.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 3.3815

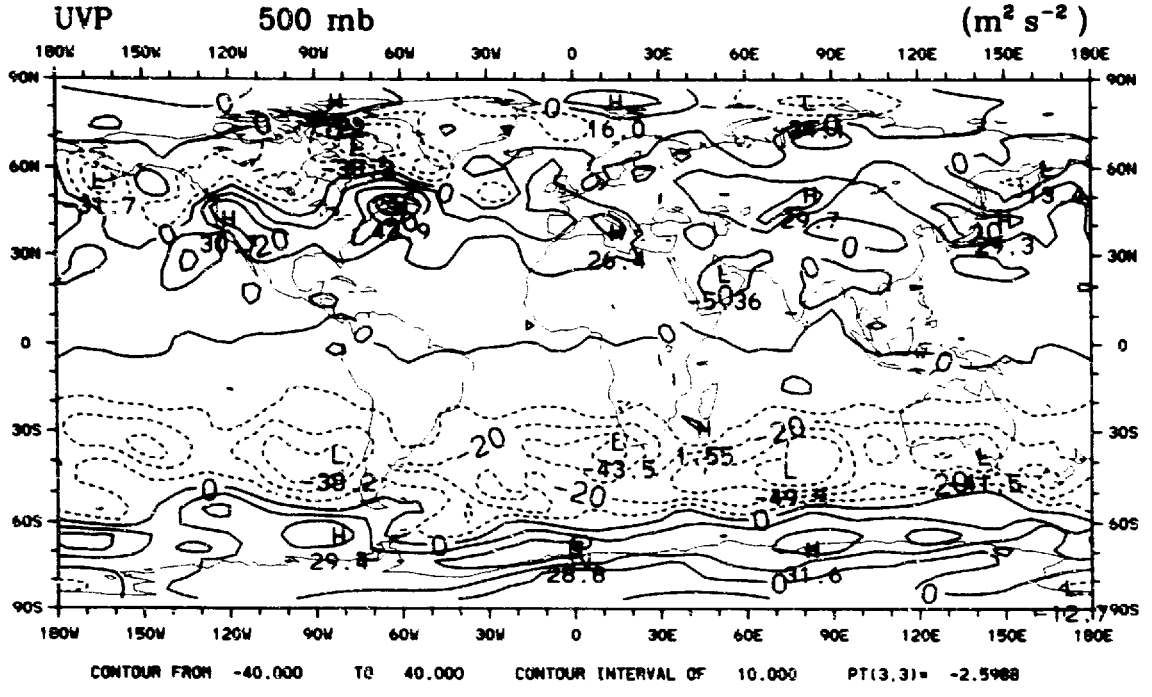
FRAME 1.88

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



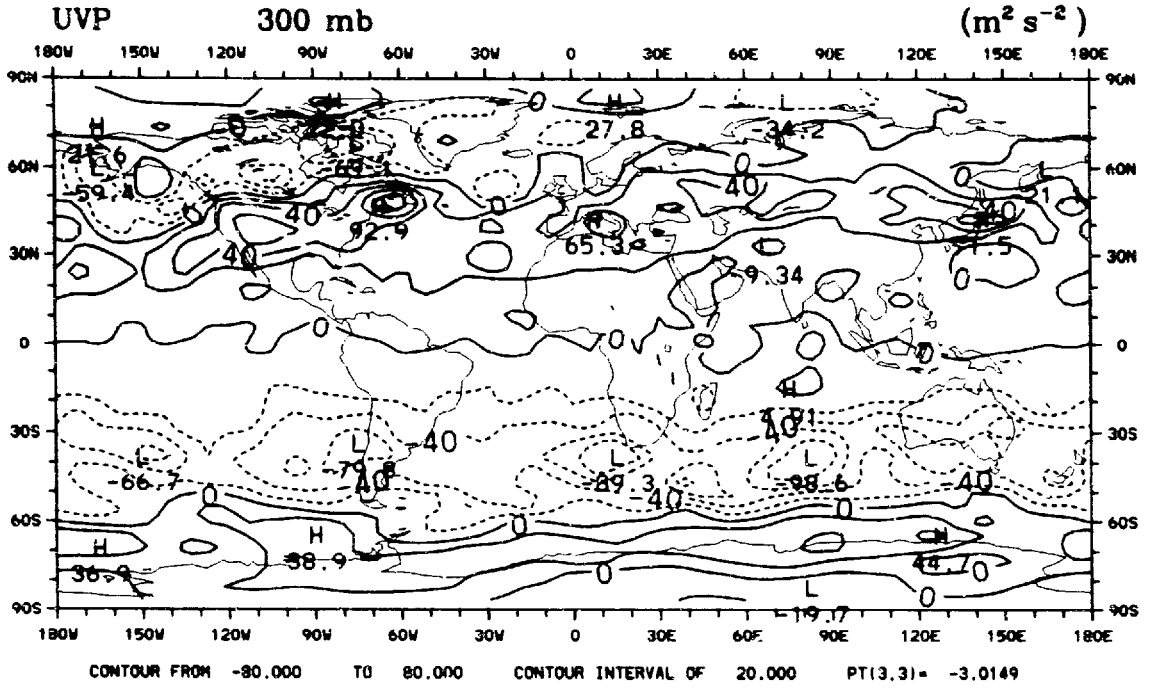

FRAME 1.89

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



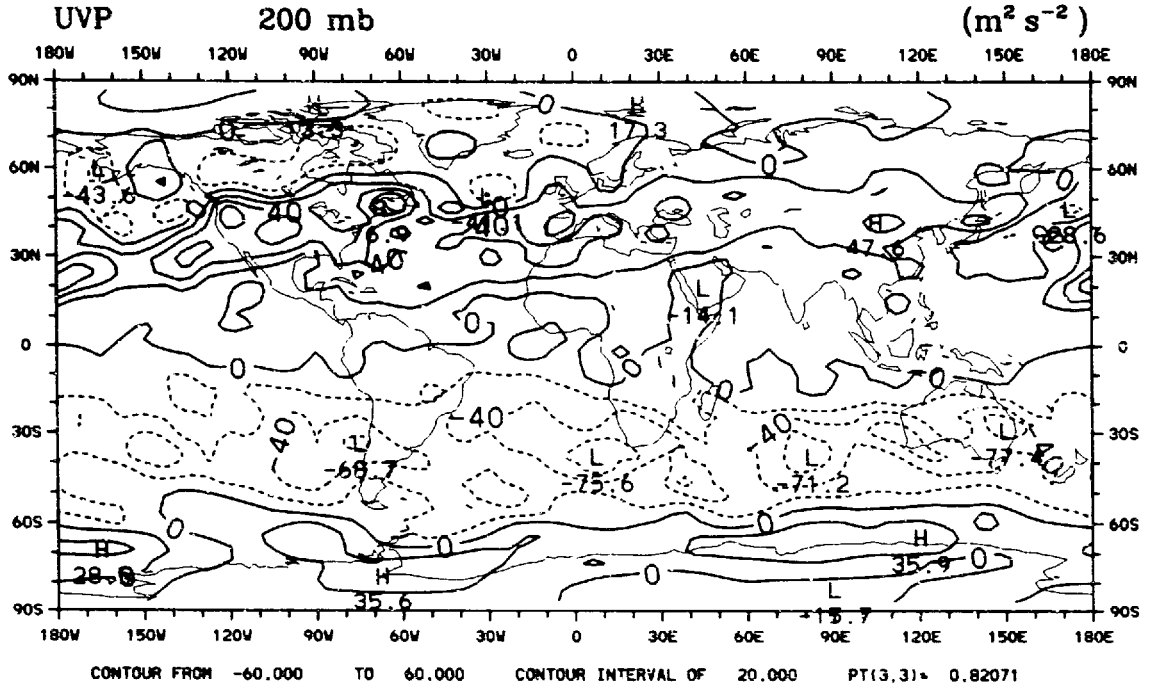

FRAME 1.90

## EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

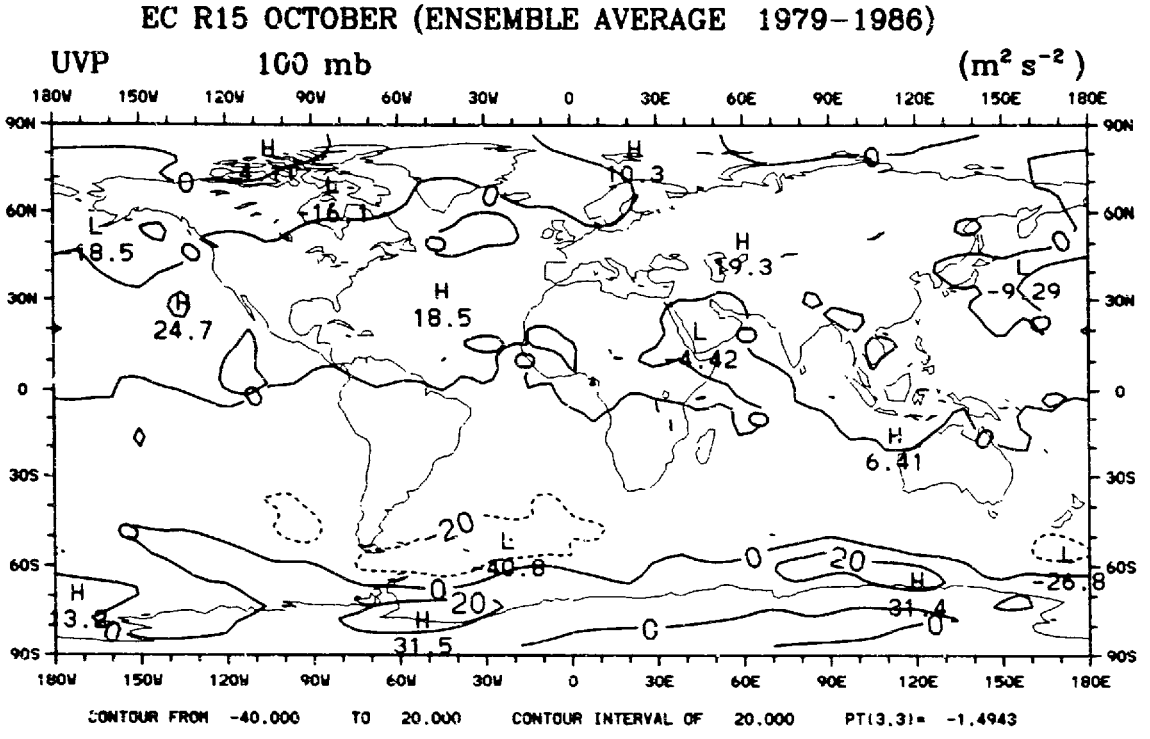



FRAME 1.91

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

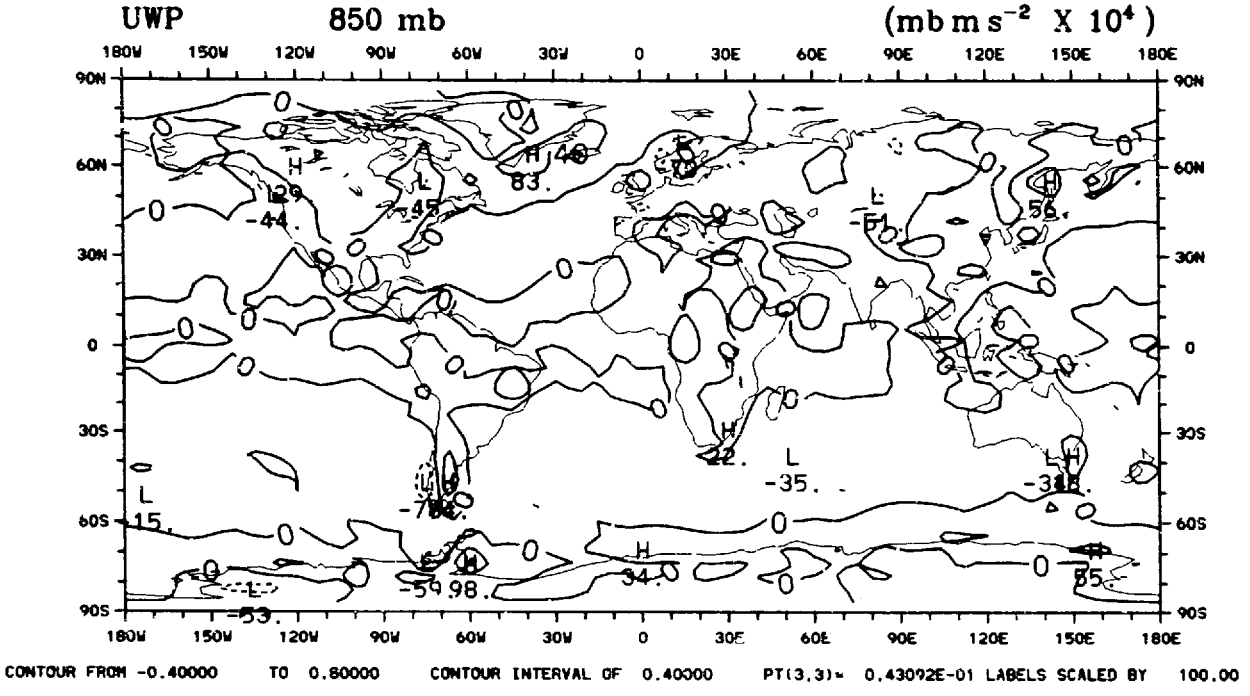



FRAME 1.92


EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
UVP
100 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H
L
0
18.5
-16.1
10.3
19.3
-9.29
24.7
18.5
-4.42
6.41
-20
-40.8
20
-26.8
13.2
31.5
31.4
CONTOUR FROM -40.000 TO 20.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= -1.4943

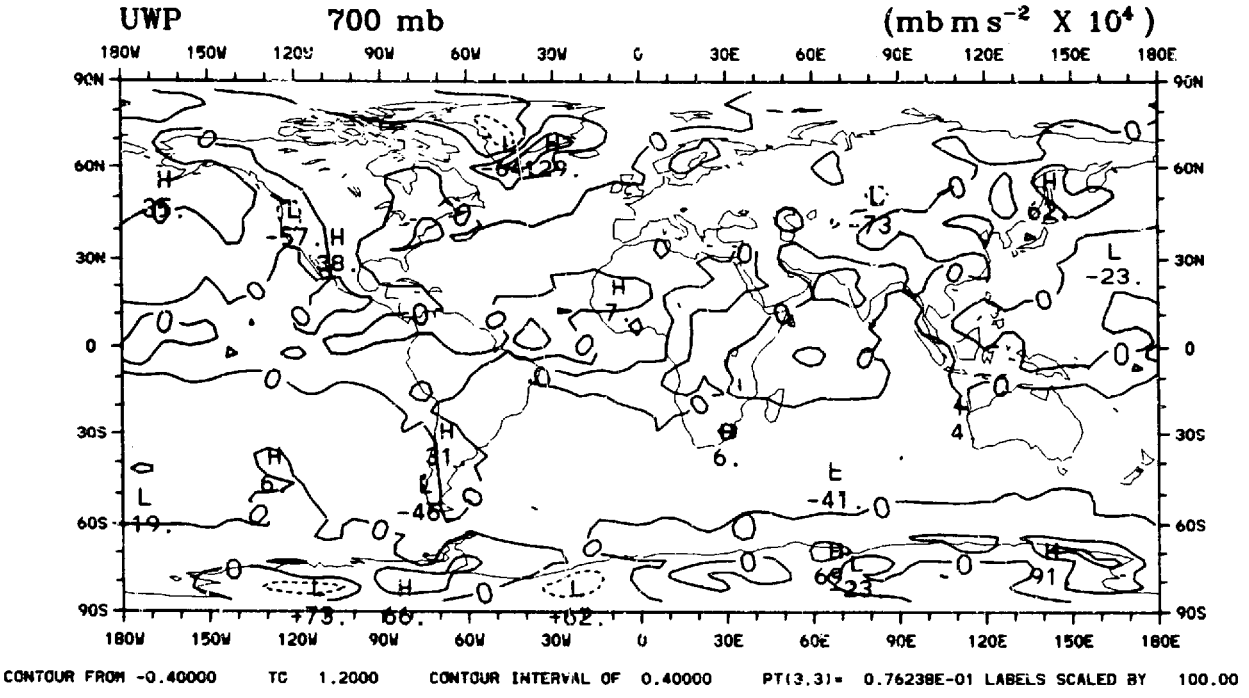
FRAME 1.93

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.94

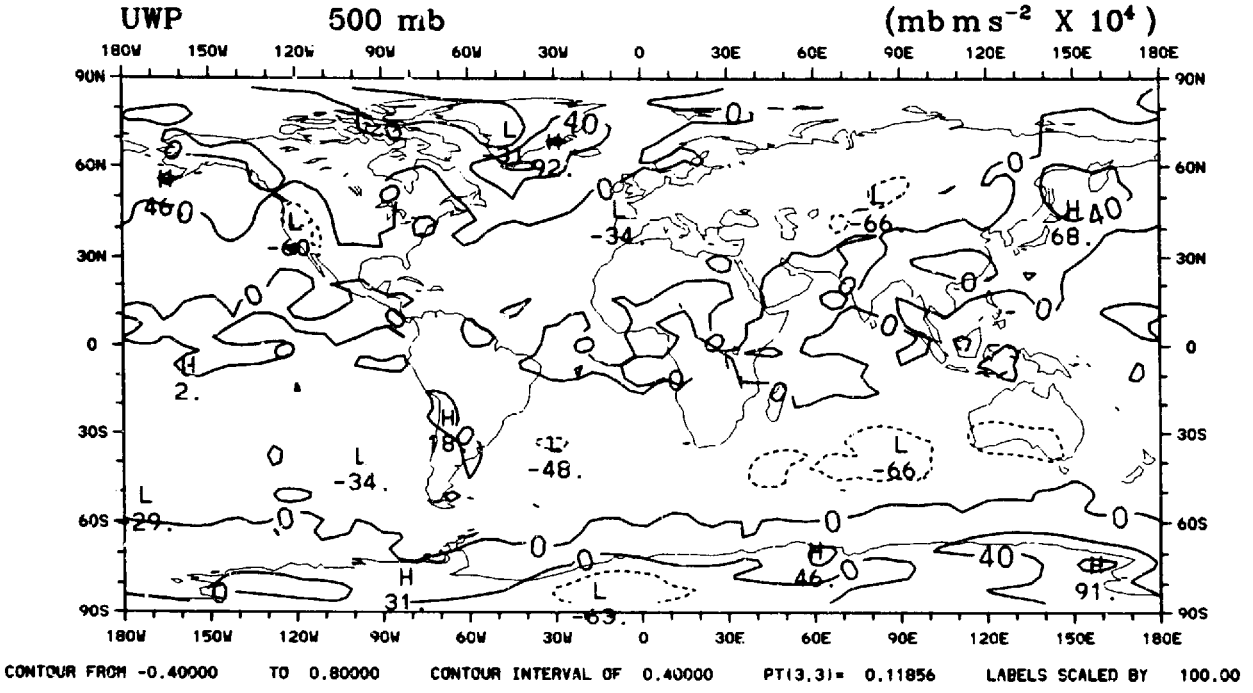
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.76238E-01 LABELS SCALED BY 100.00

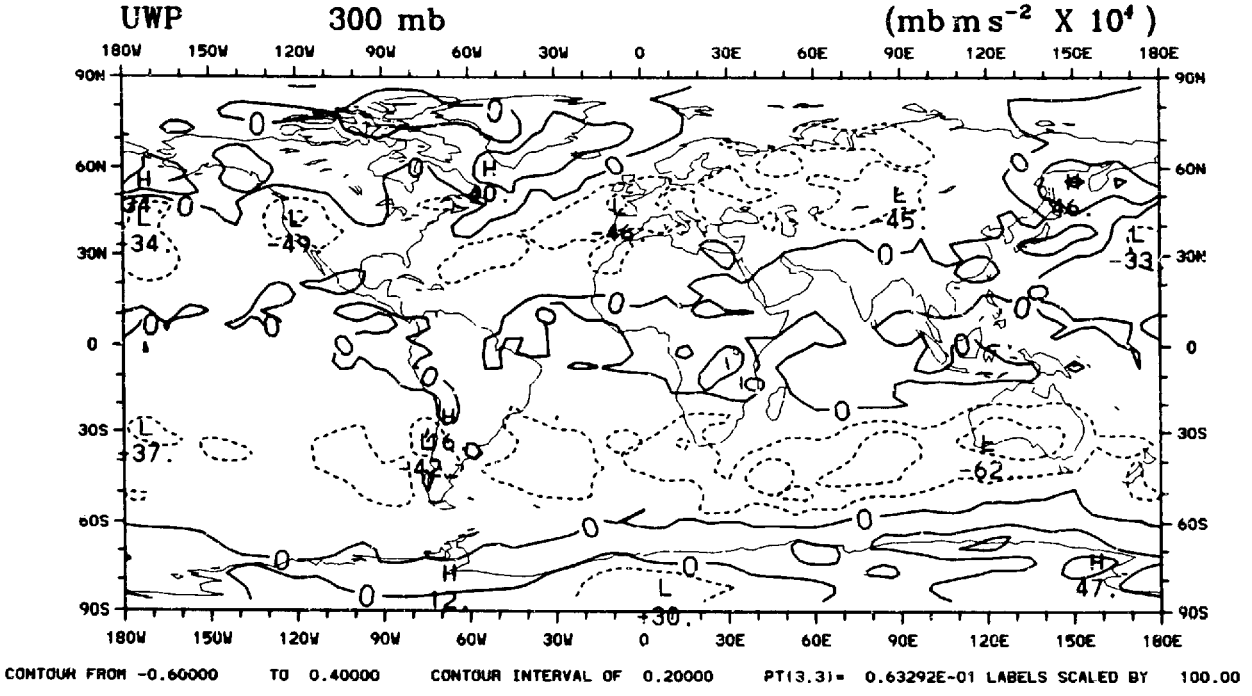
FRAME 1.95

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



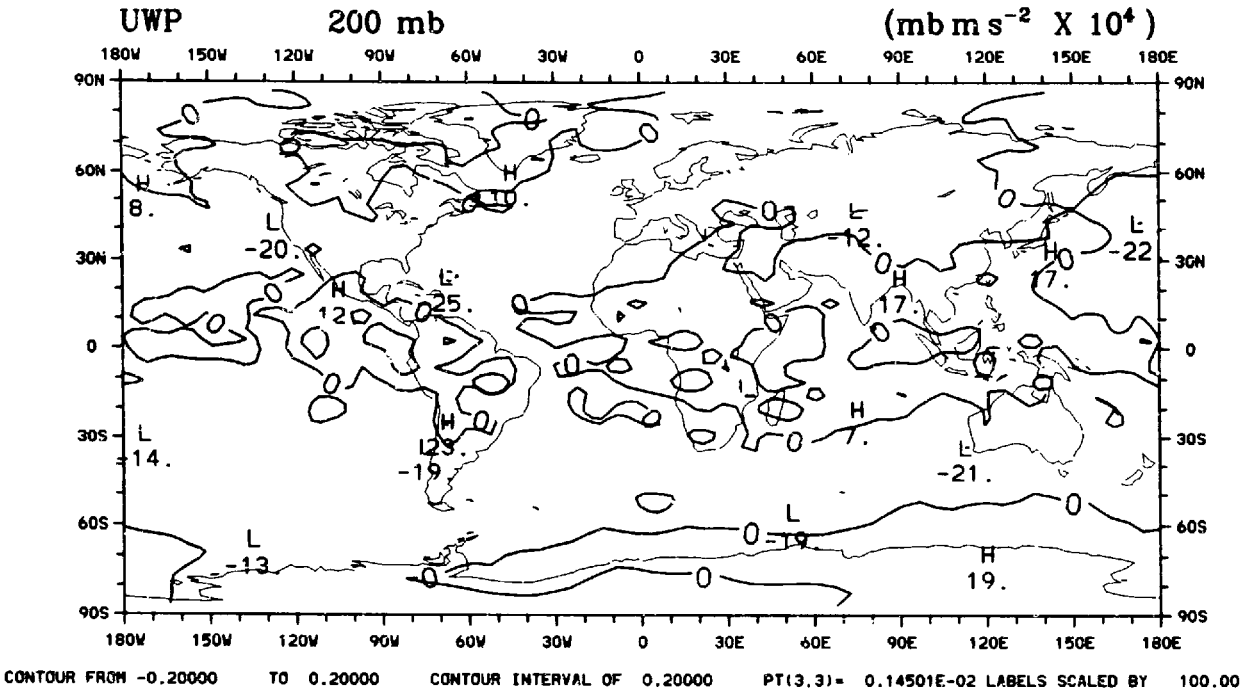

FRAME 1.96

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1,97

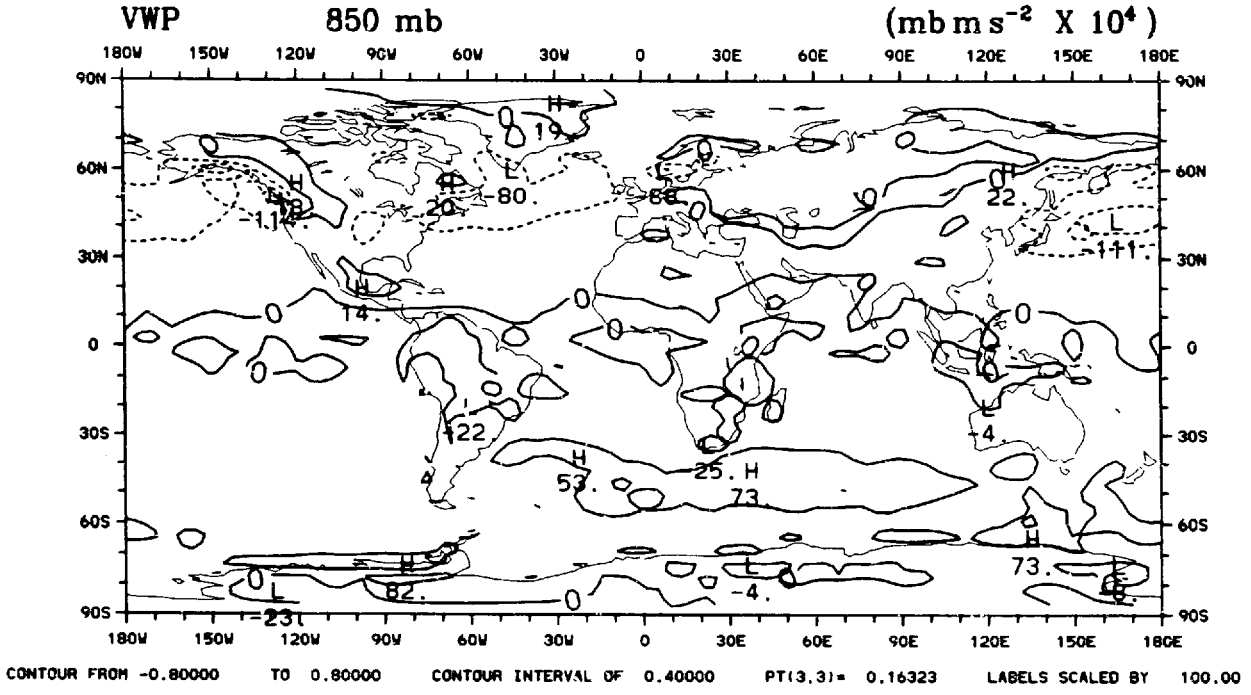
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.14501E-02 LABELS SCALED BY 100.00

FRAME 1.98

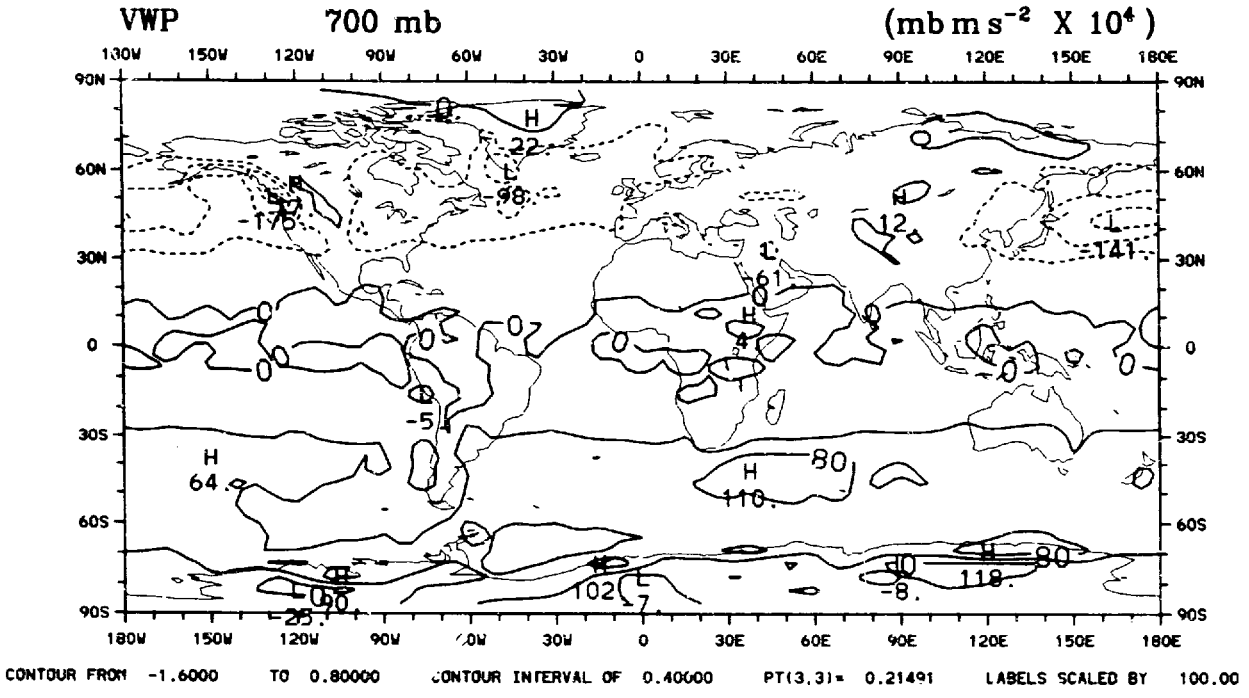
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.16323 LABELS SCALED BY 100.00

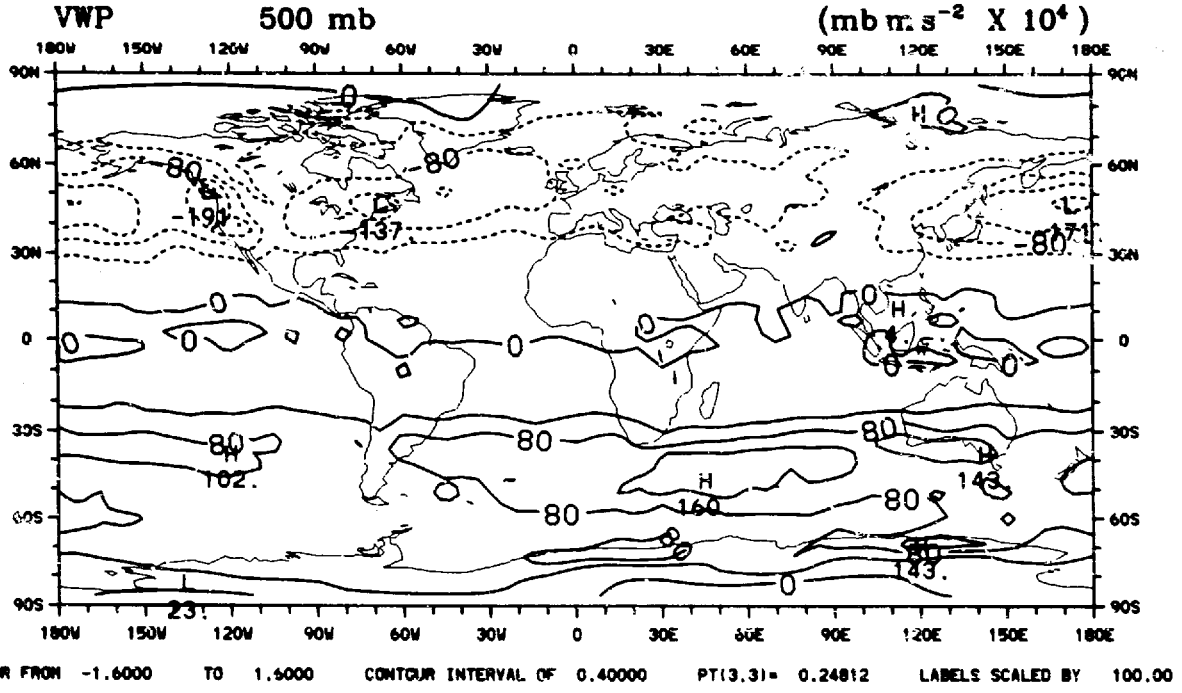
FRAME 1.99

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1,100

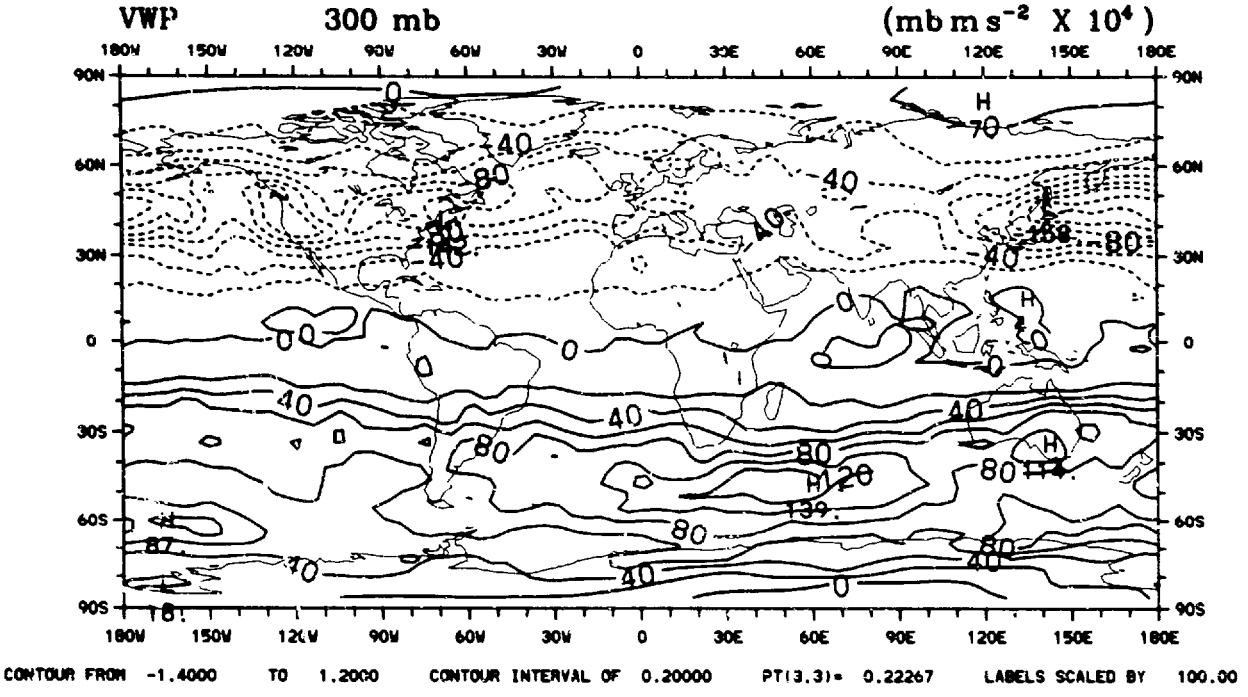
## EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -1.6000 TO 1.6000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.24812 LABELS SCALED BY 100.00

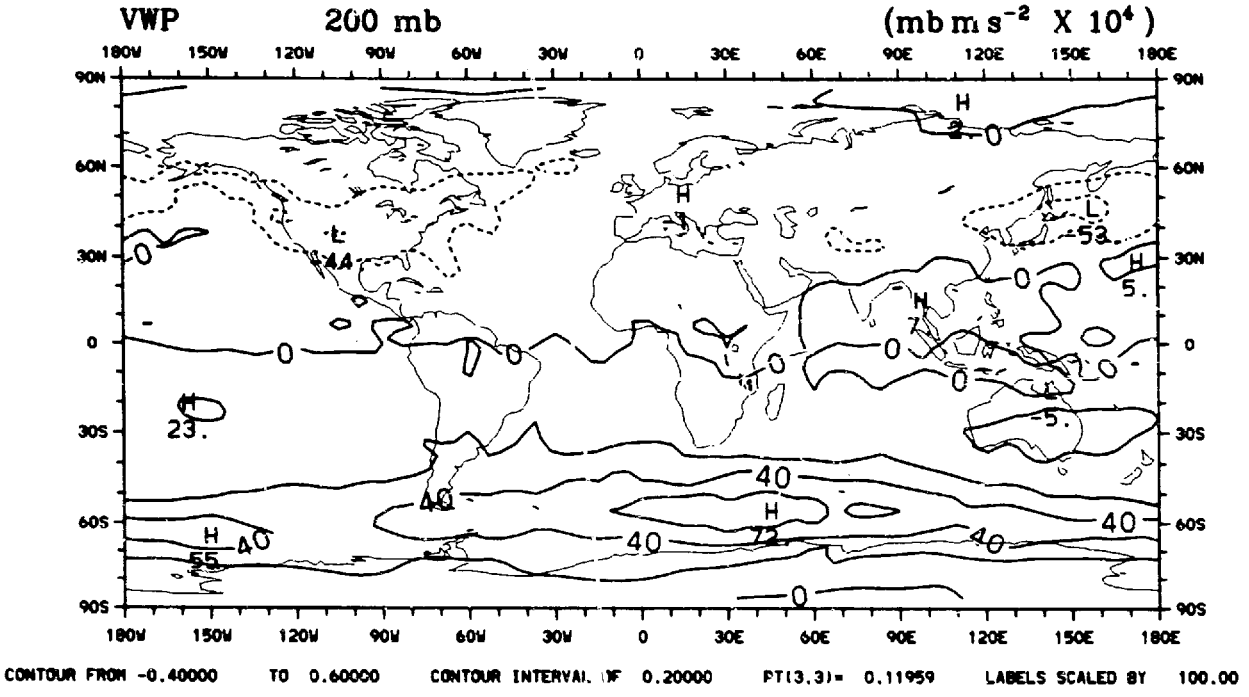
FRAME 1.101

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



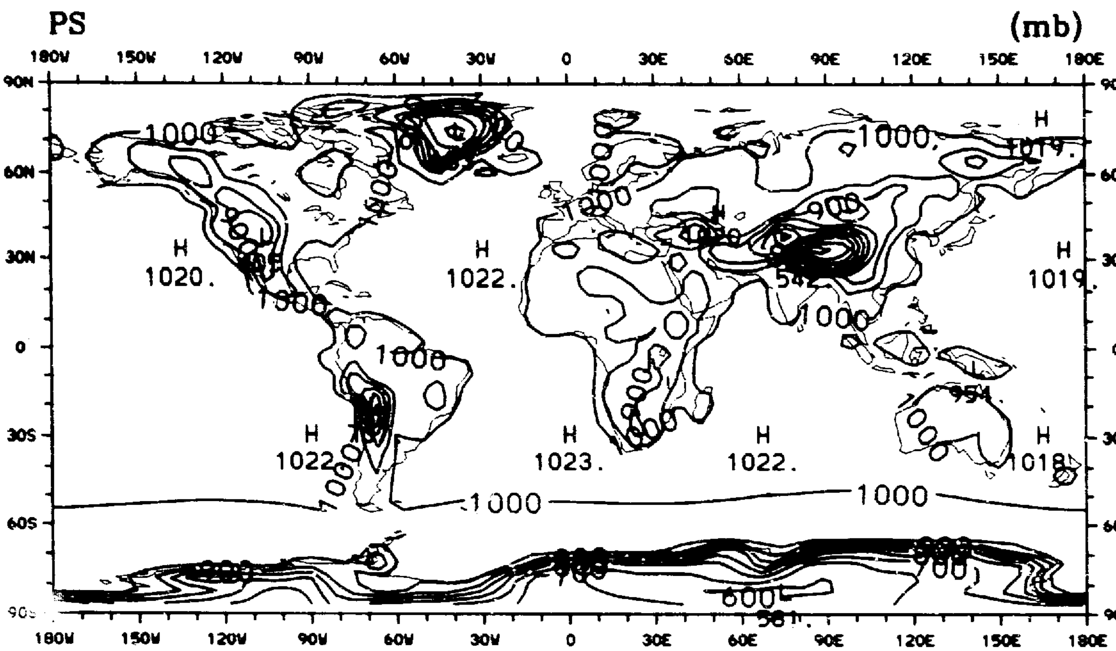

FRAME 1.102

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.103

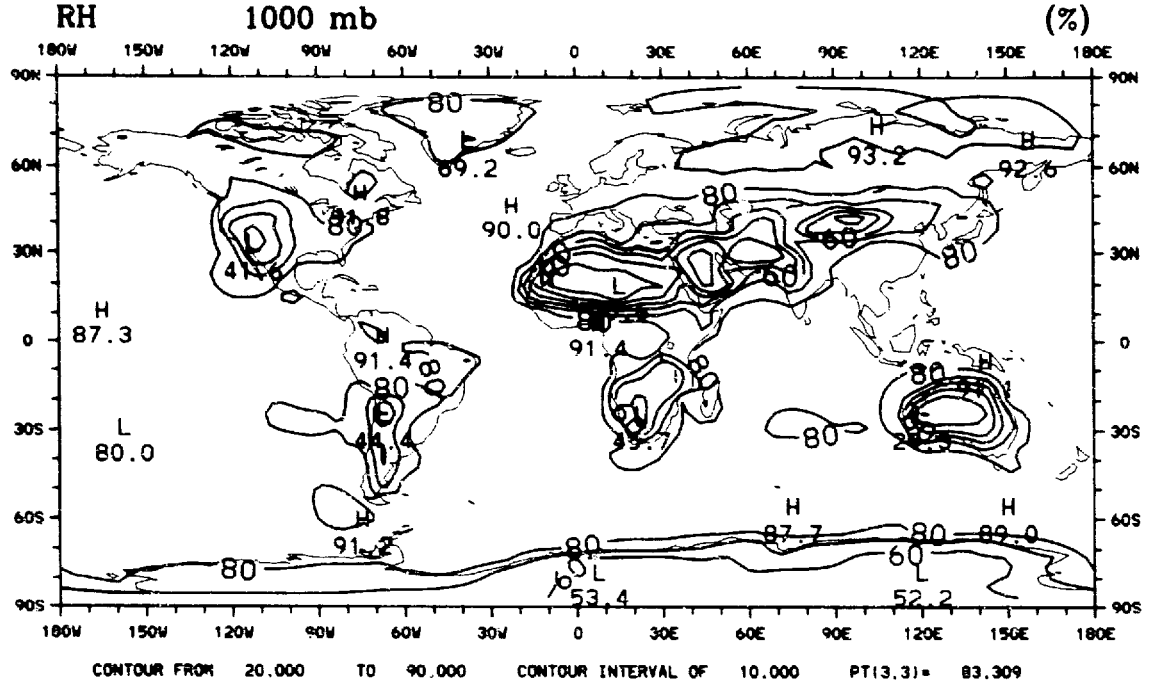
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 97321. LABELS SCALED BY 0.10000E-01

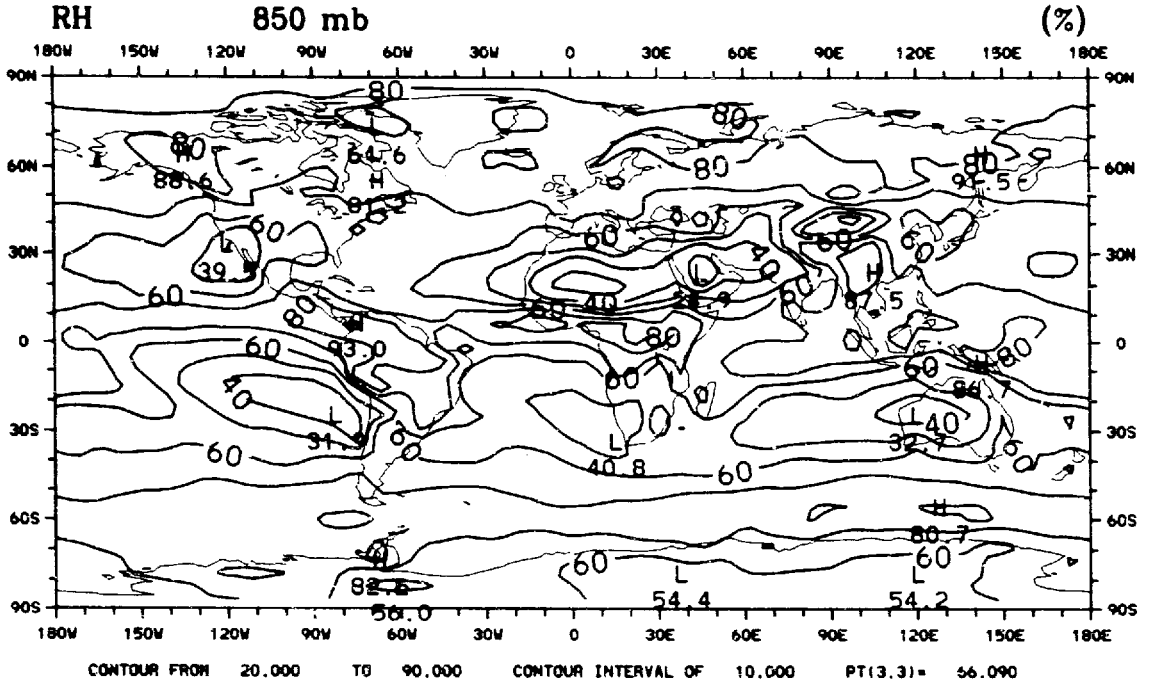
FRAME 1.104

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



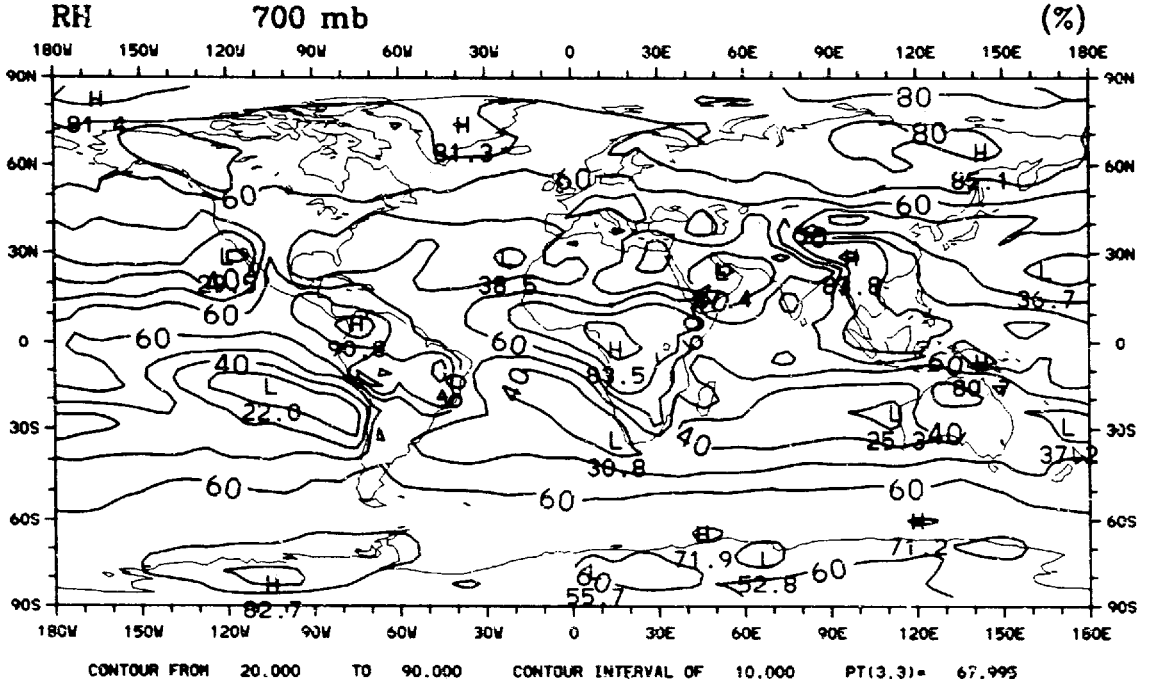

FRAME 1,105

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



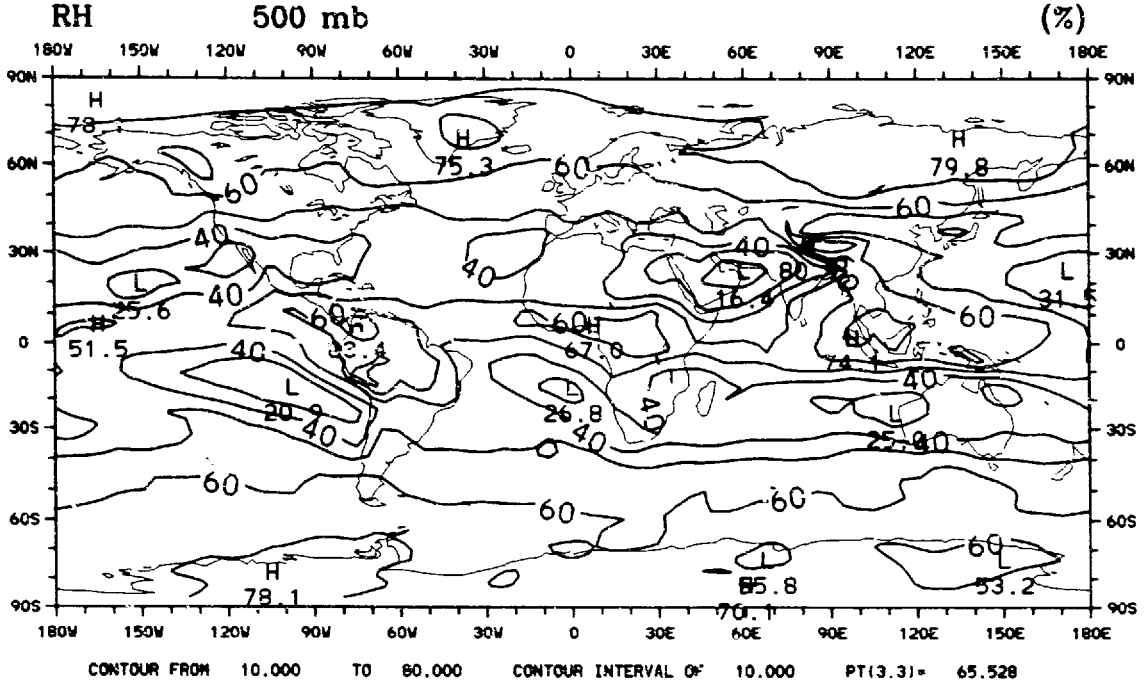

FRAME 1.106

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



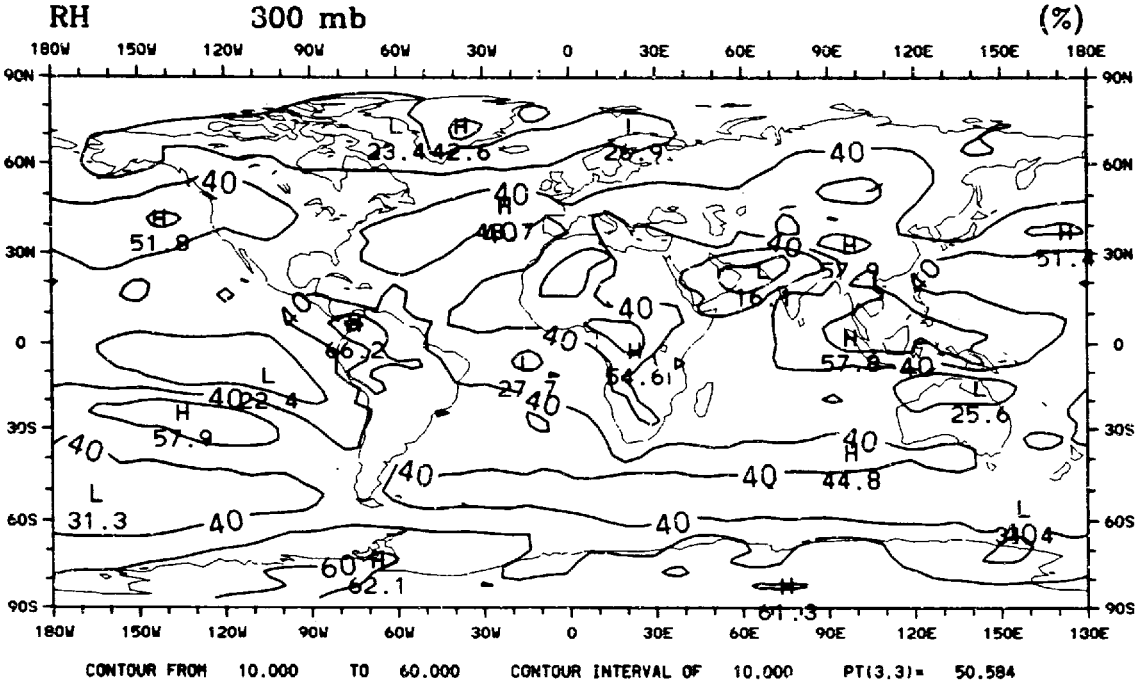

FRAME 1.107

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



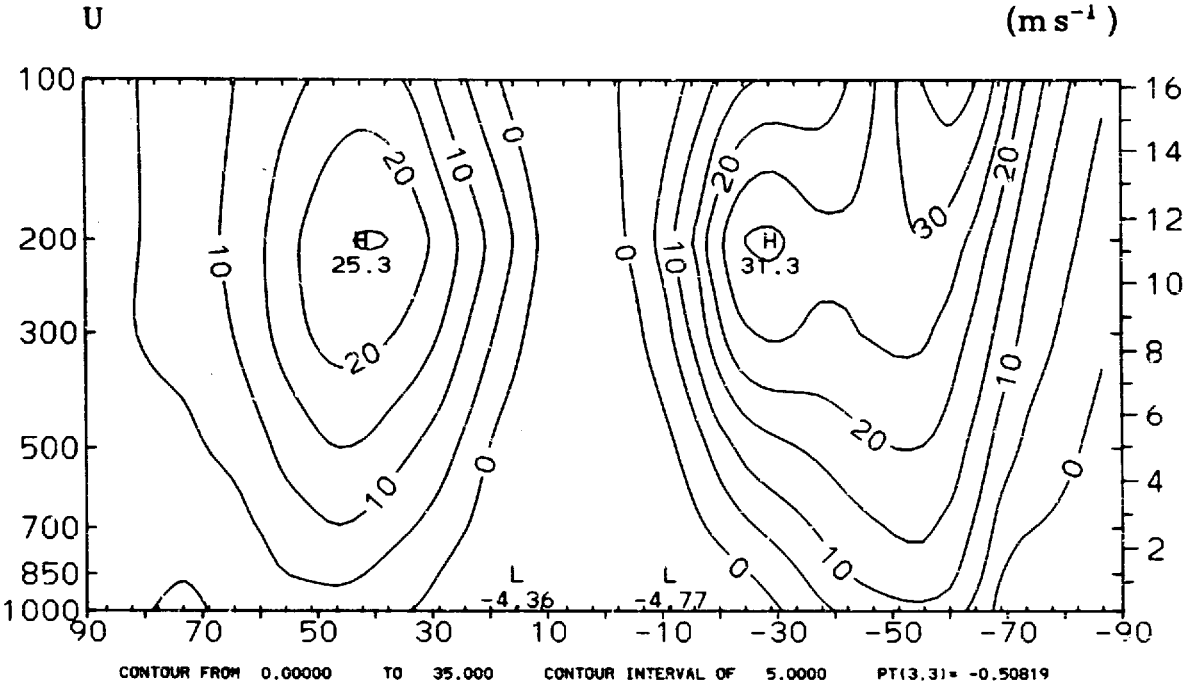

FRAME 1.108

# EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



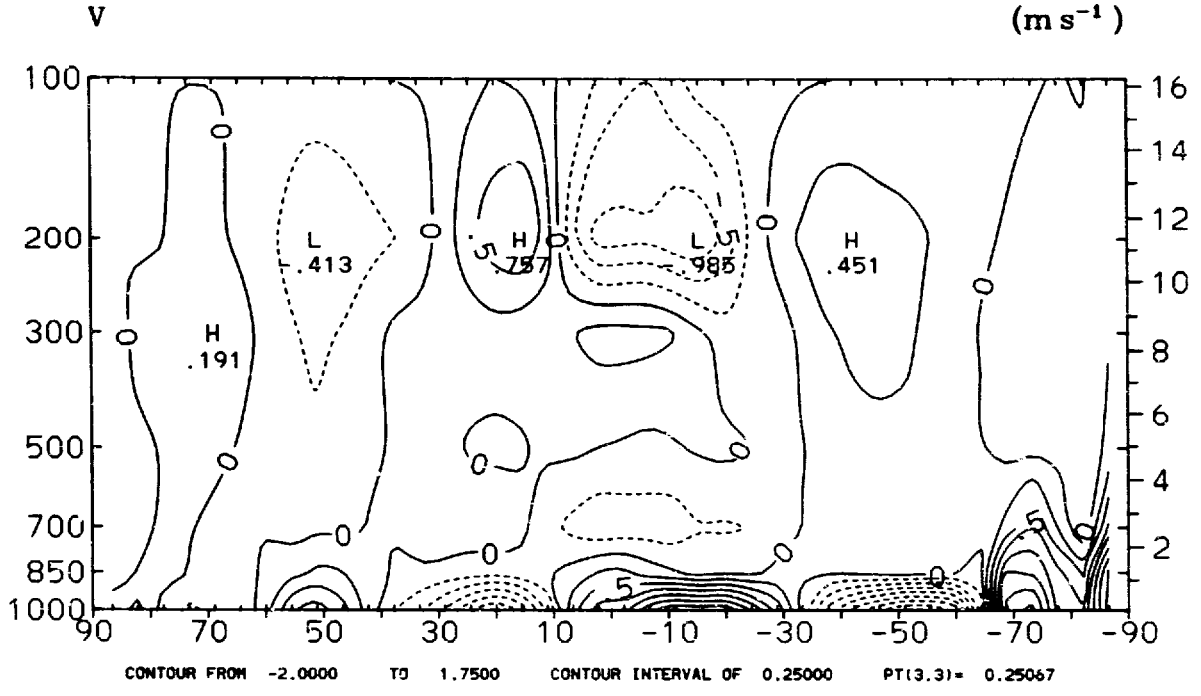

FRAME 1.109

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



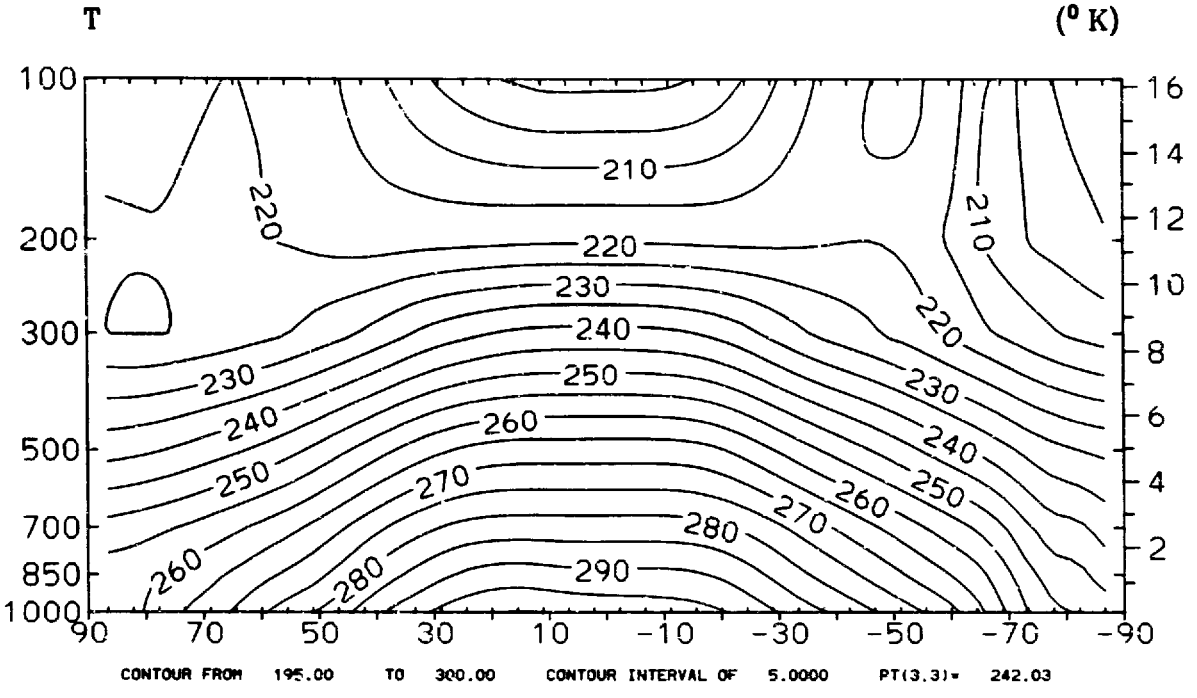

FRAME 1.110

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.111

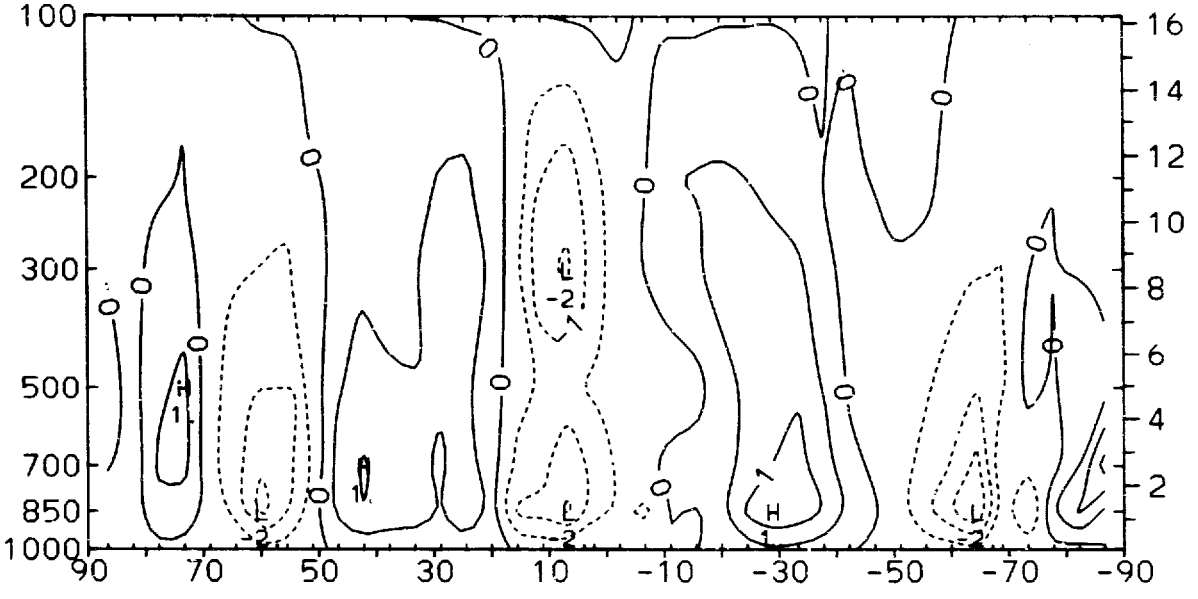
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

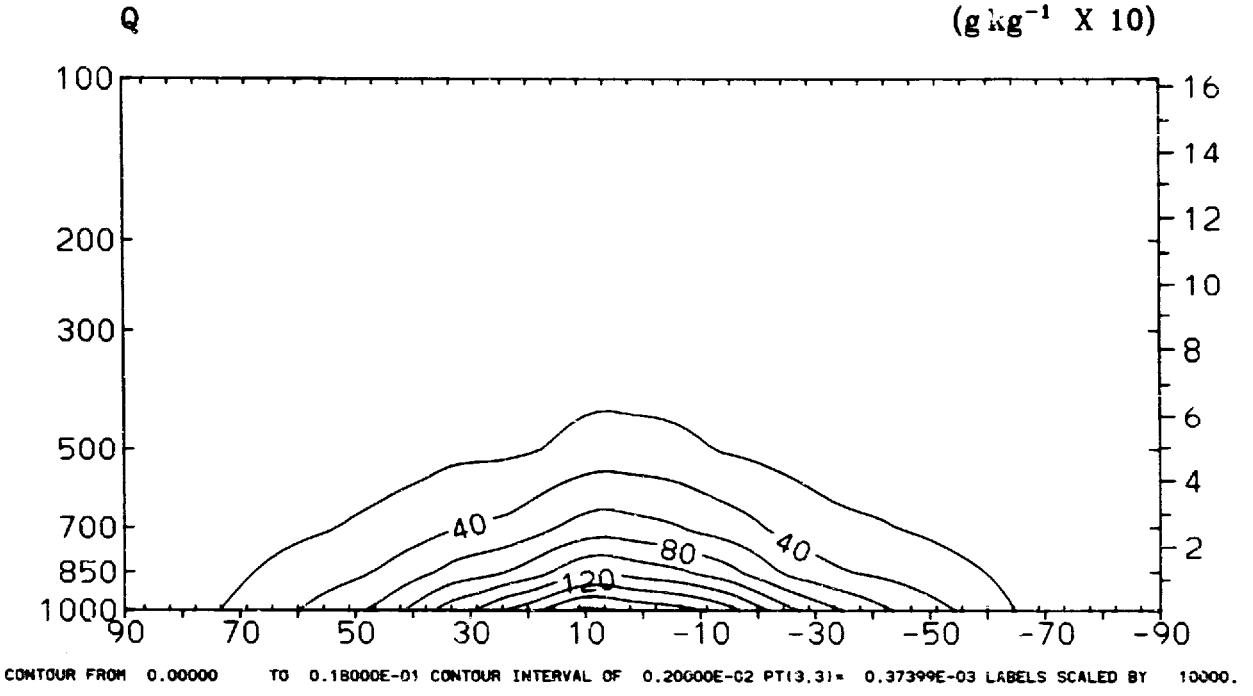
OMEGA ($mb\,s^{-1}$ X $10^4$)




CONTOUR FROM -0.15000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= -0.13909E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

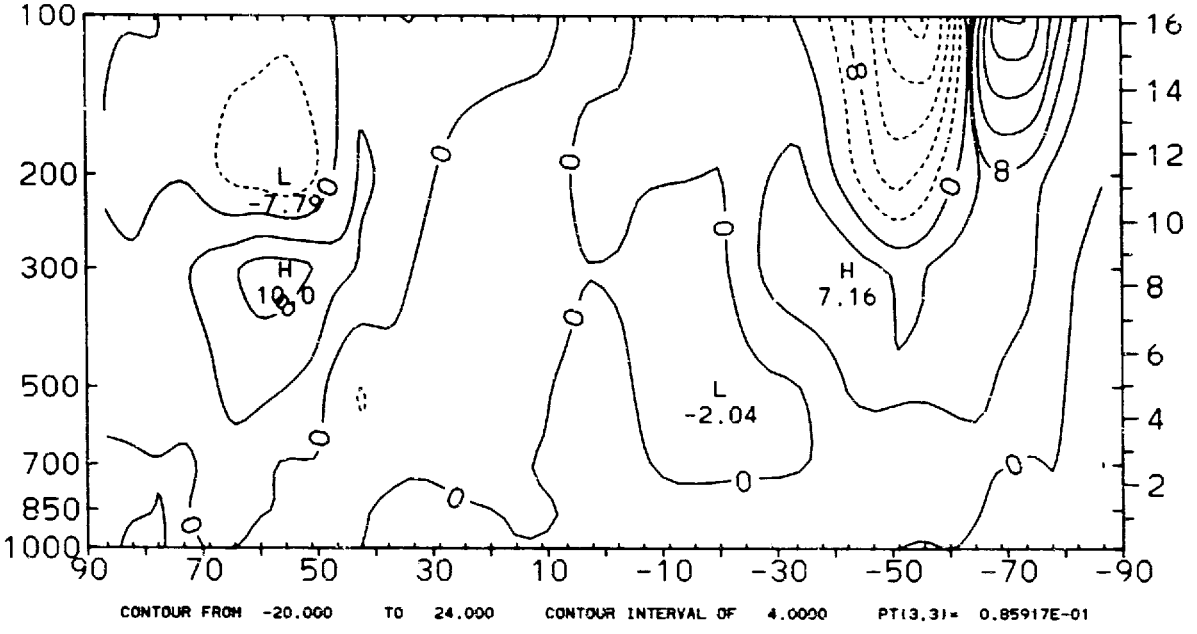



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.37399E-03 LABELS SCALED BY 10000.

FRAME 1.114

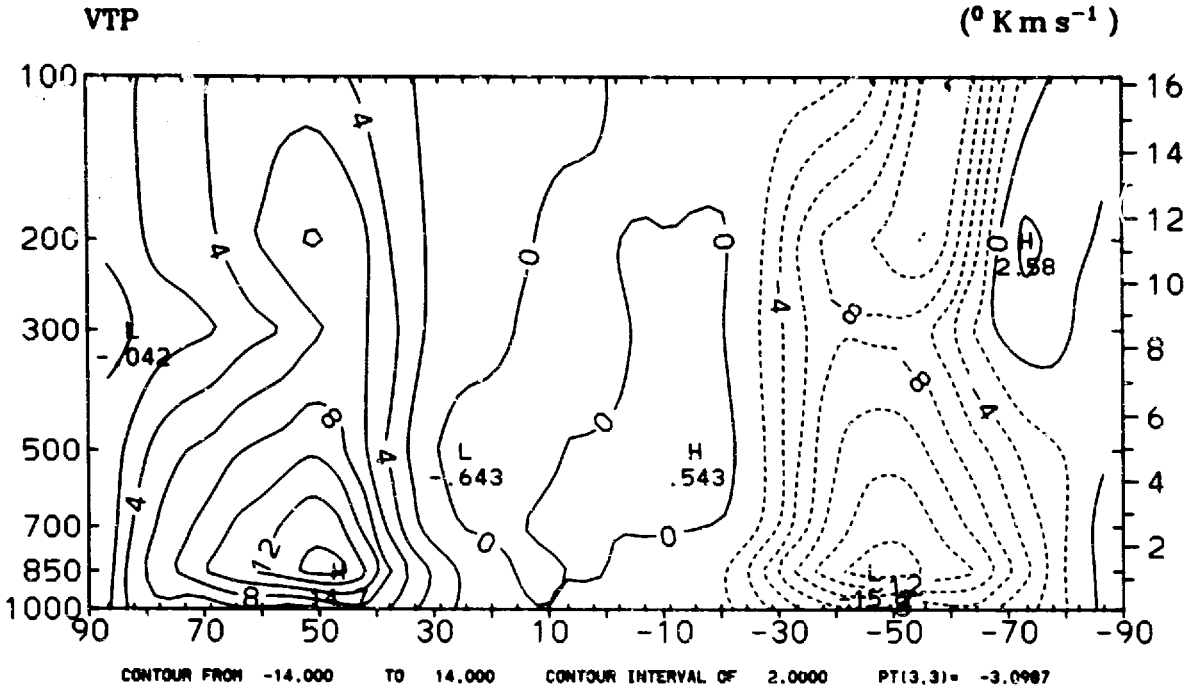
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

UTP ($^0 K m s^{-1}$)




FRAME 1.115

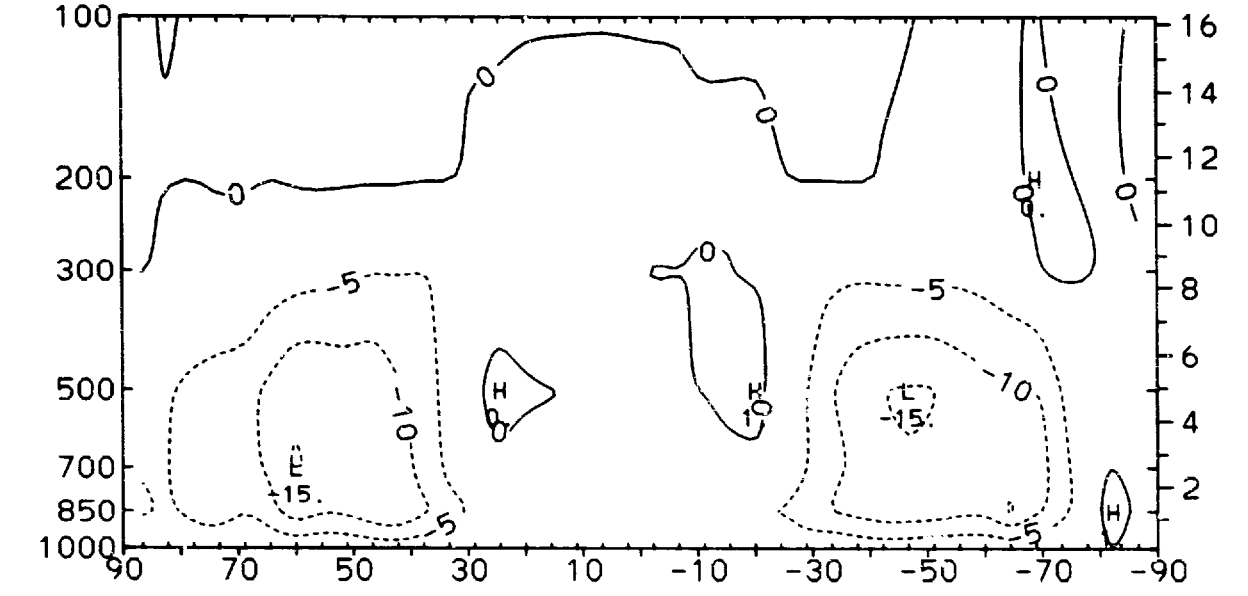
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.116

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

WTP ($^0$ K m b s$^{-1}$ X $10^4$)

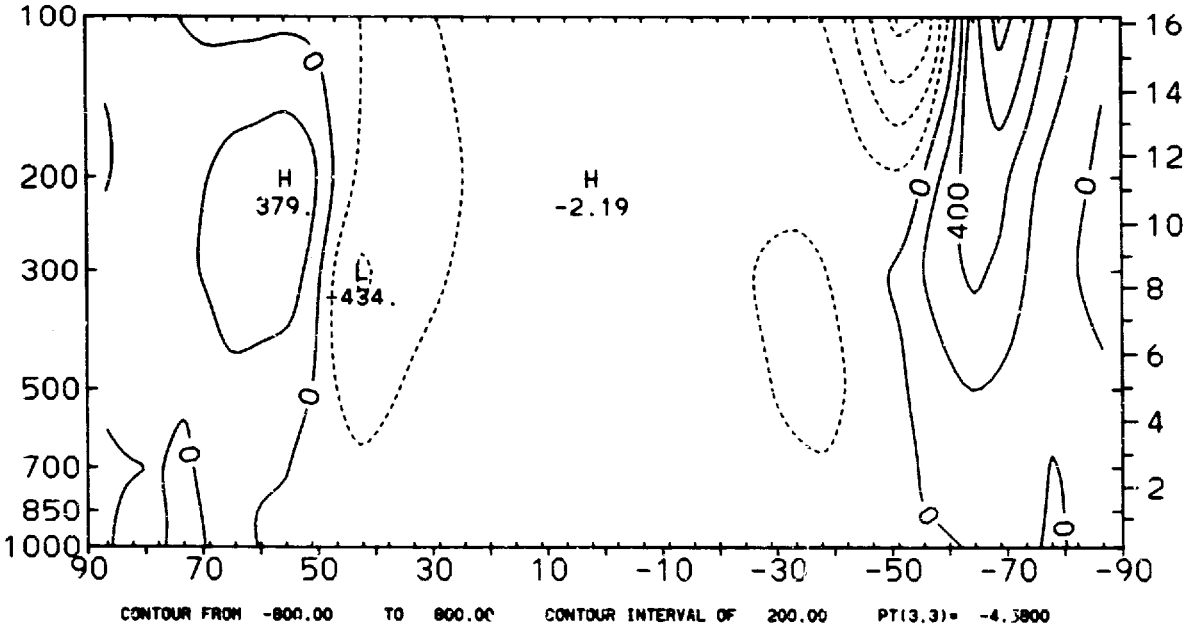



CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.24044E-01 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

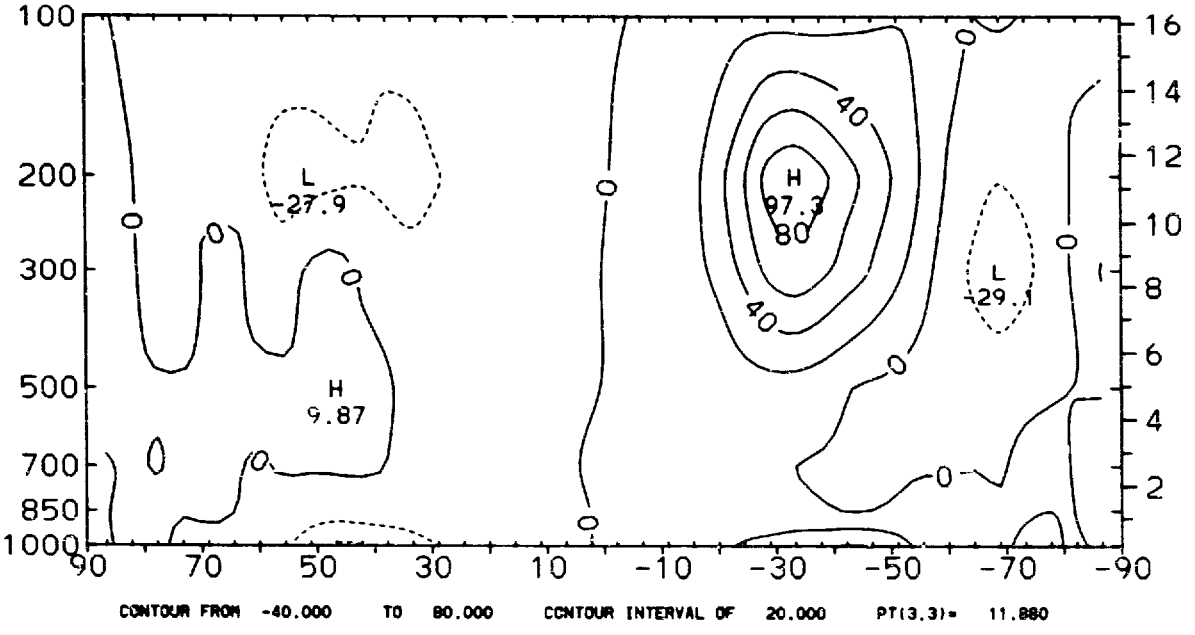
UZP $(m^2 s^{-1})$




FRAME 1.118

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

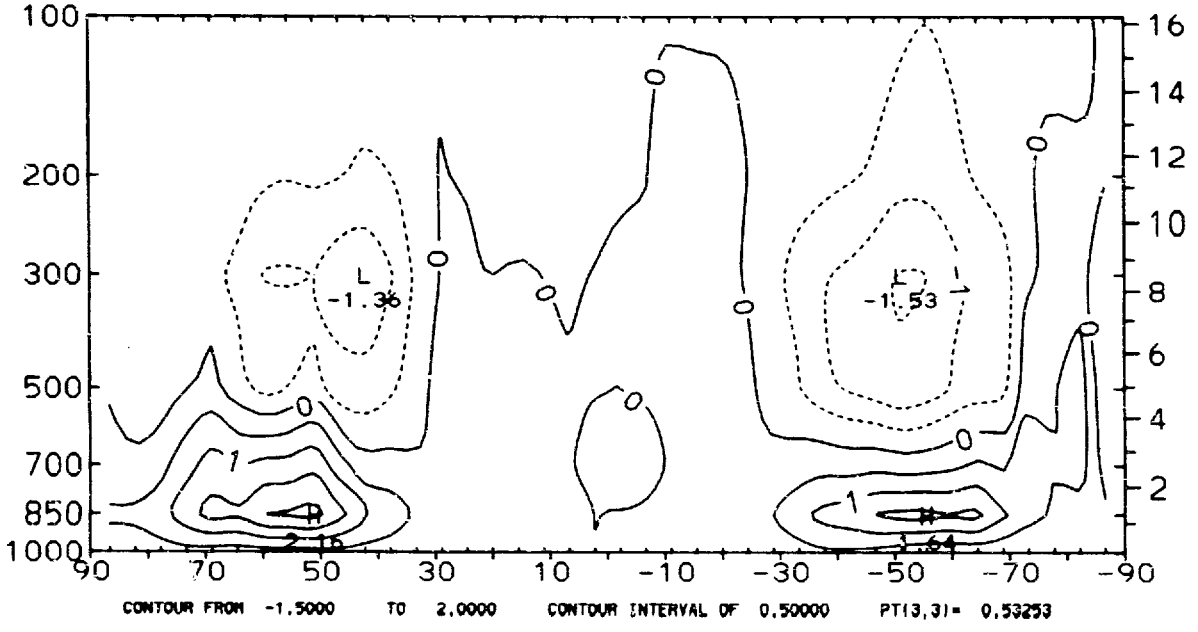
VZP $(m^2 s^{-1})$




FRAME 1.119

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

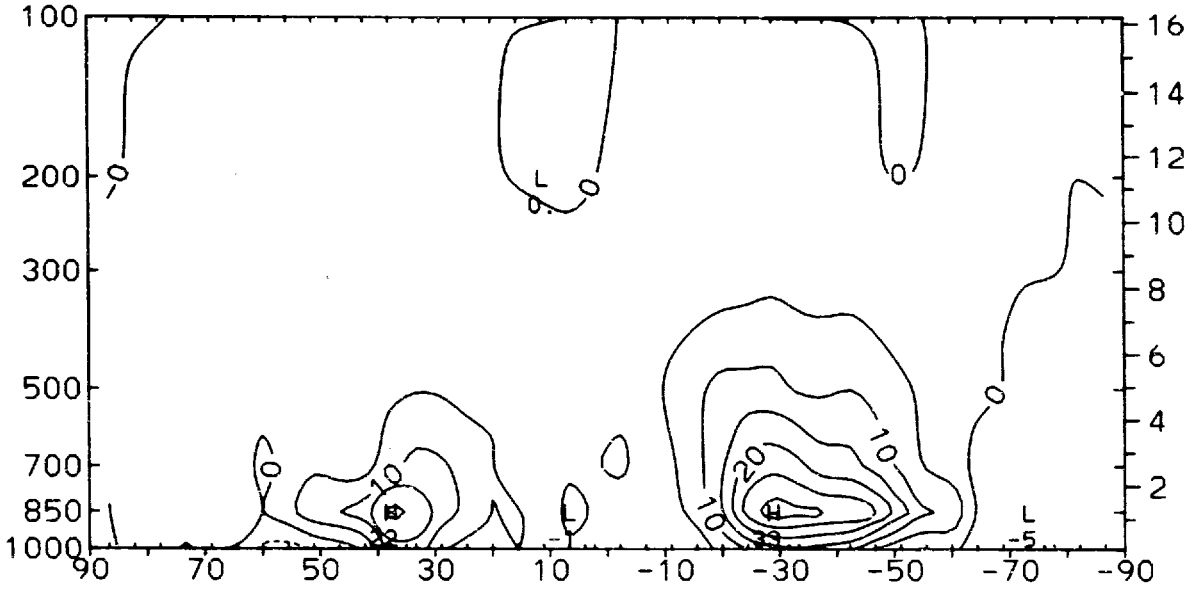
WZP (mb m s$^{-1}$ X 10$^2$)




FRAME 1.120

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

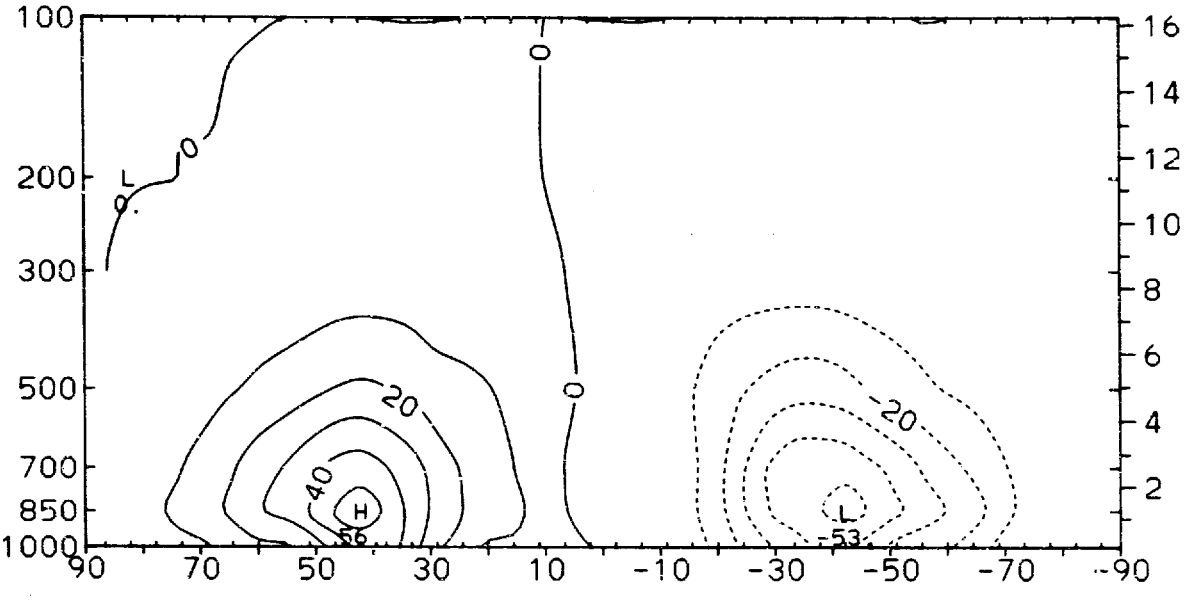



CONTOUR FROM -0.50000E-03 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.11547E-03 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

VQP $((g\,kg^{-1})m\,s^{-1}$ X 10)

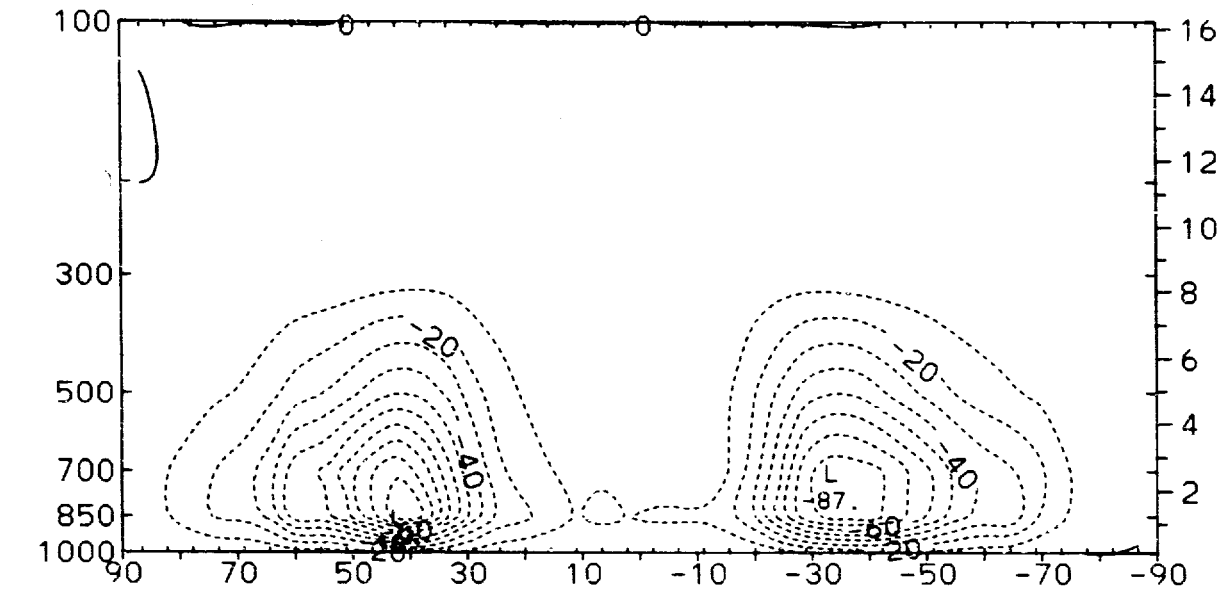



CONTOUR FROM -0.50000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.33381E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

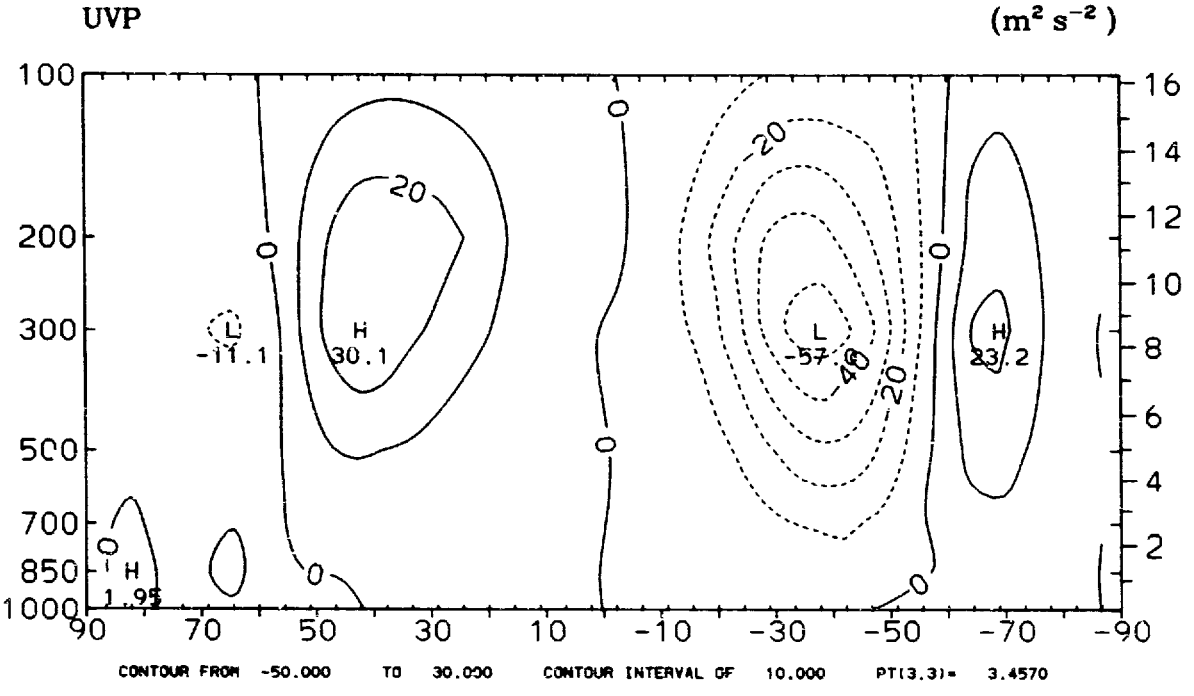
WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$




CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.57108E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

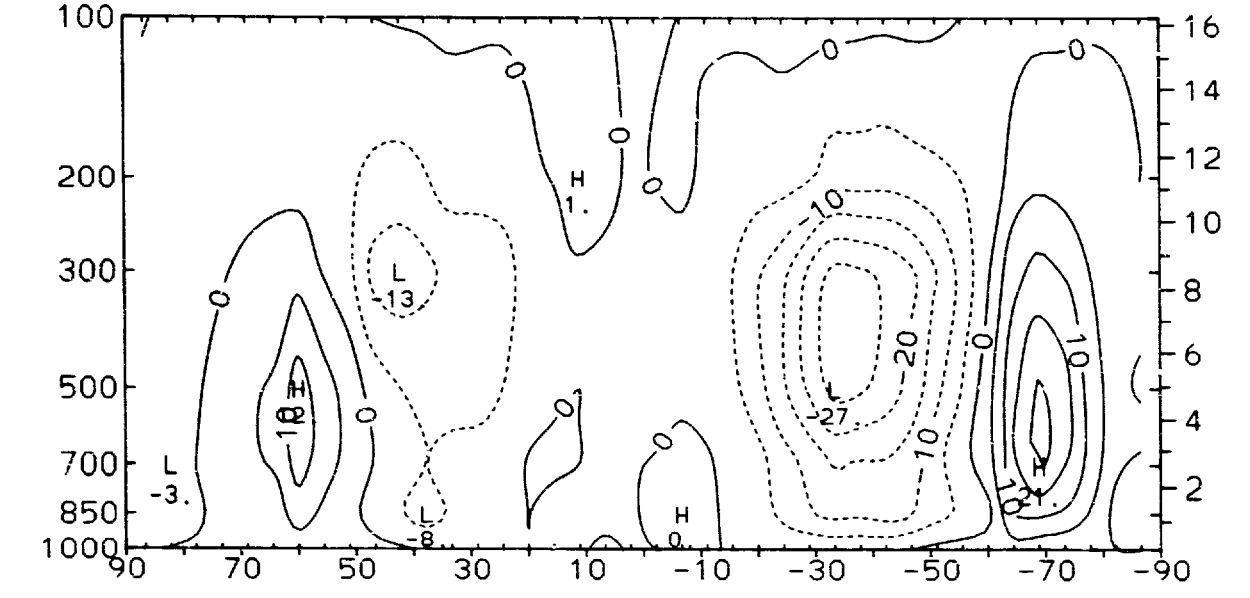
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.124

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

UWP ($mb\,m\,s^{-2}$ X $10^4$)

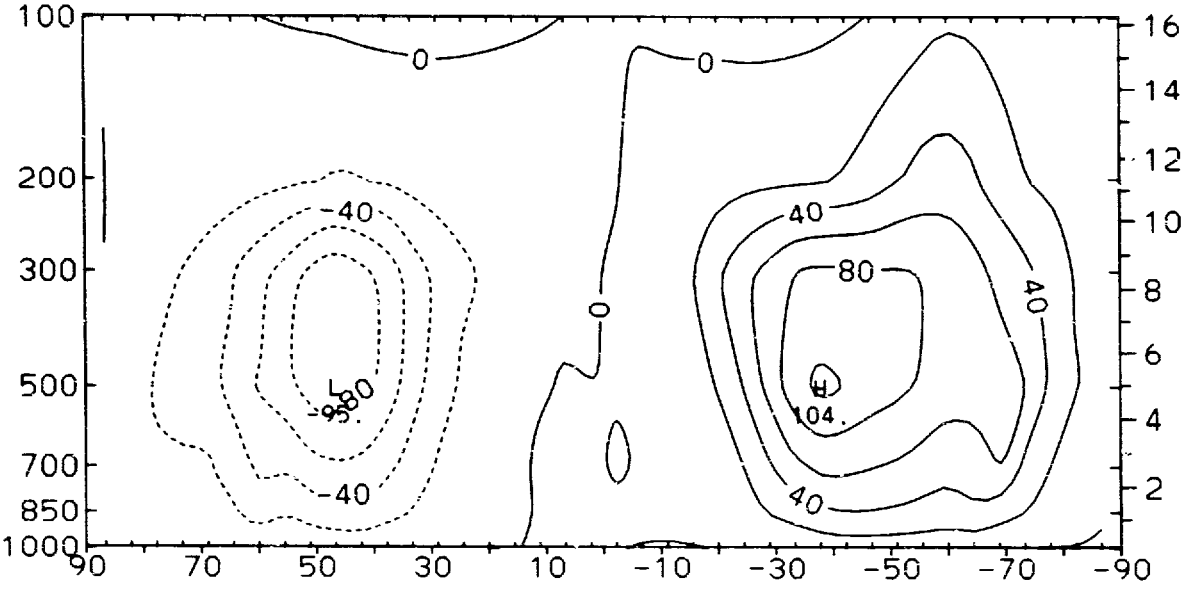



CONTOUR FROM -0.25000 TO 0.20000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.84711E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

VWP (mb m s$^{-2}$ X 10$^4$)

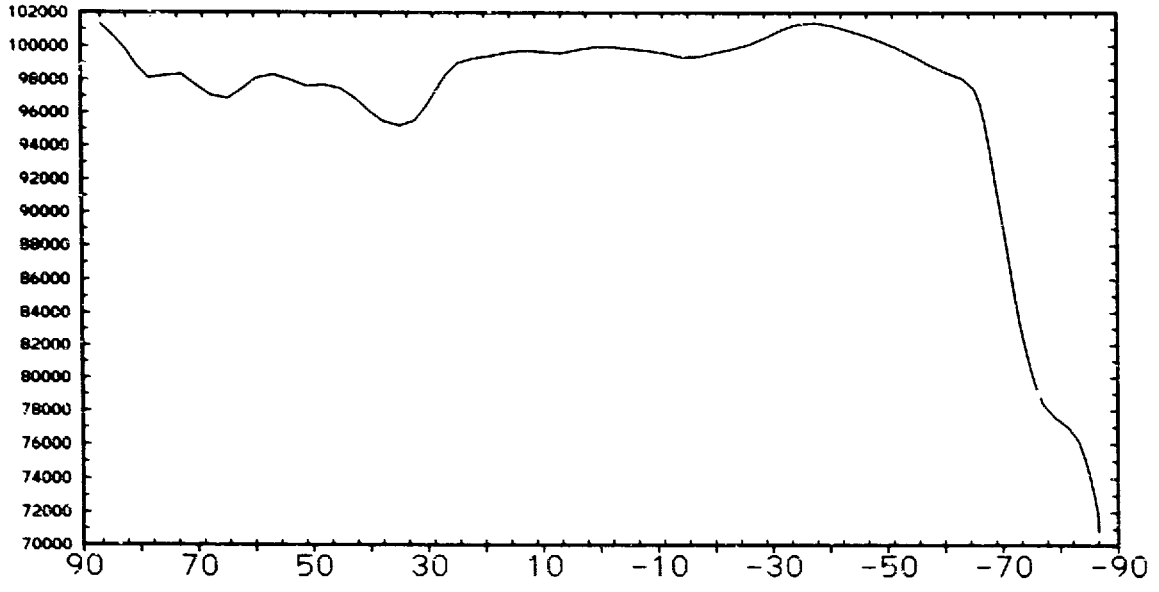



CONTOUR FROM -0.80000 TO 1.0000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.19997 LABELS SCALED BY 100.00

FRAME 1.126

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

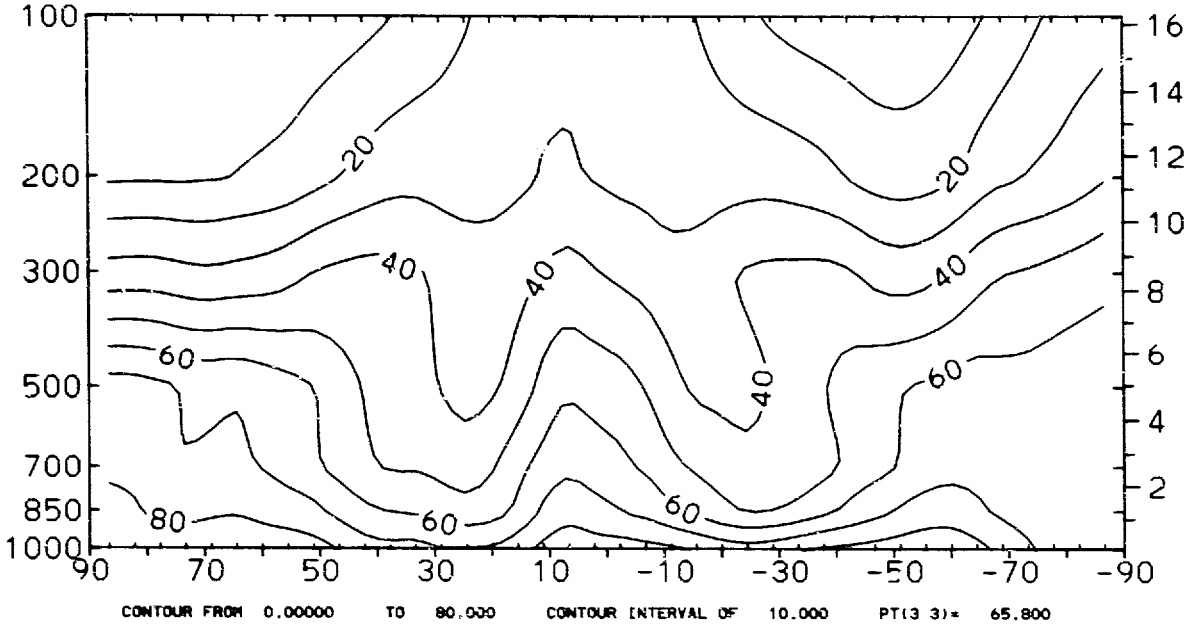
PS (mb X $10^2$)




FRAME 1.127

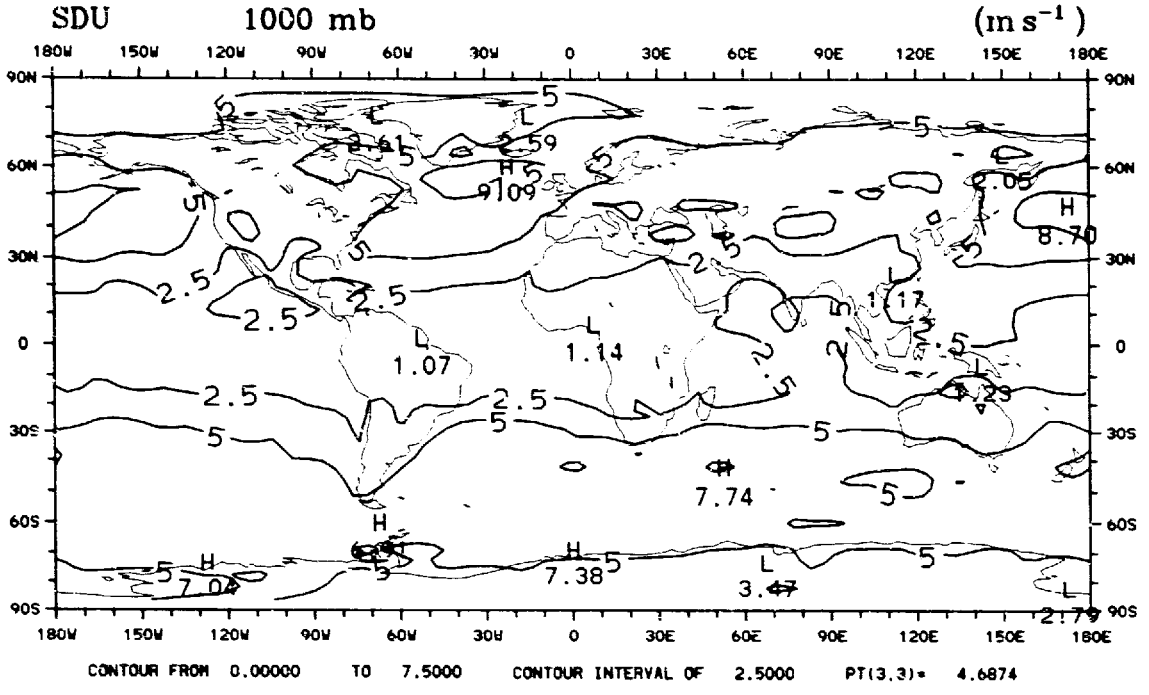
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979--1986)

RH (%)



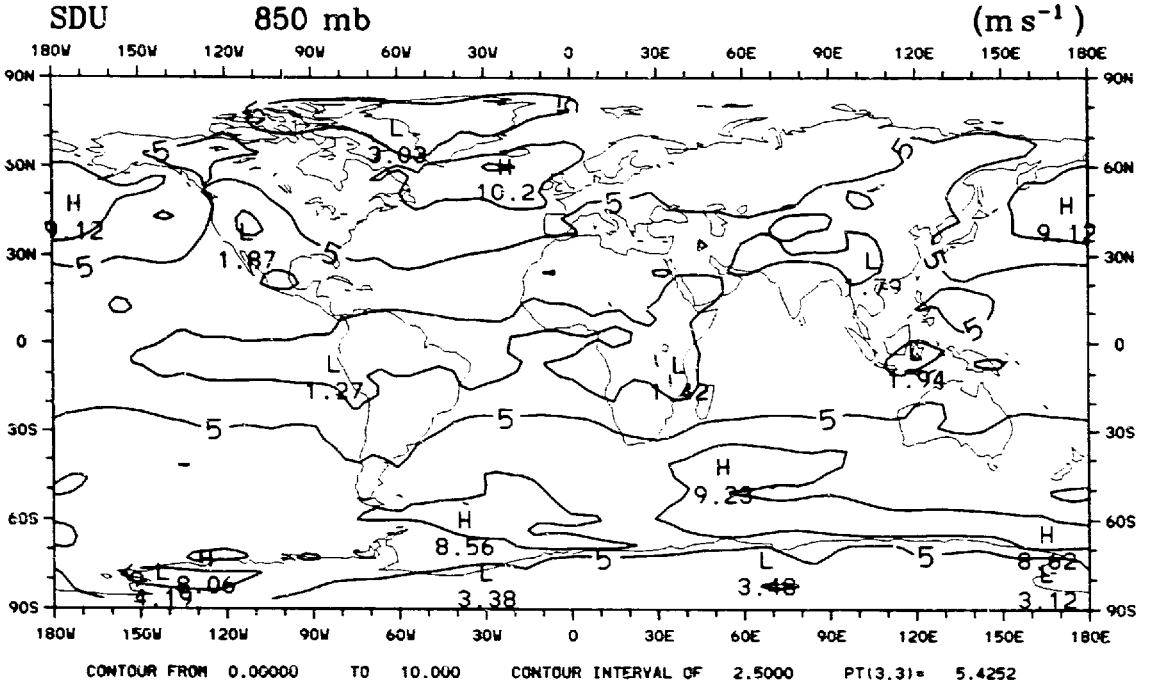

FRAME 1,128

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



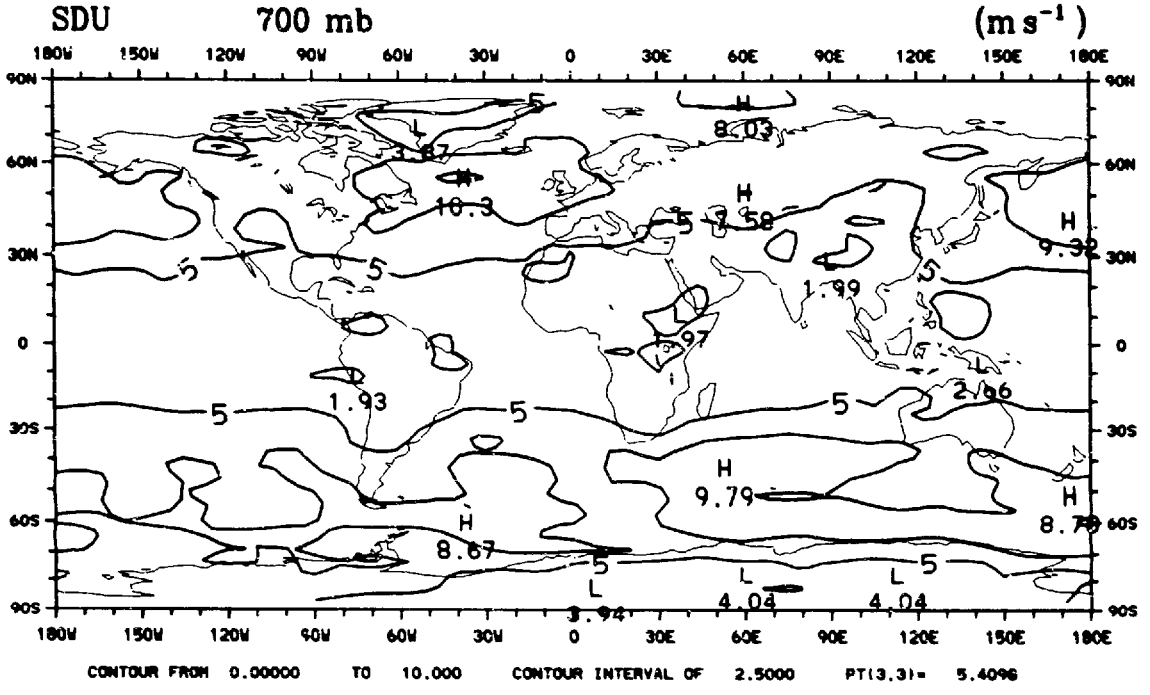

FRAME 2.1

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



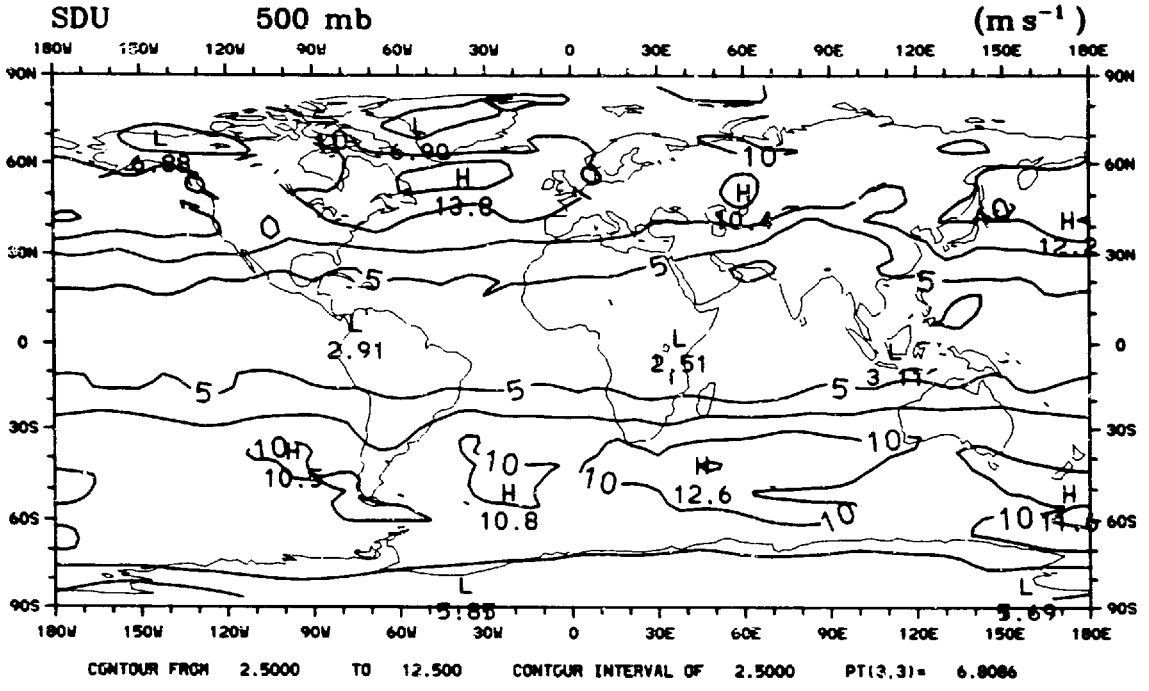

FRAME 2.2

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



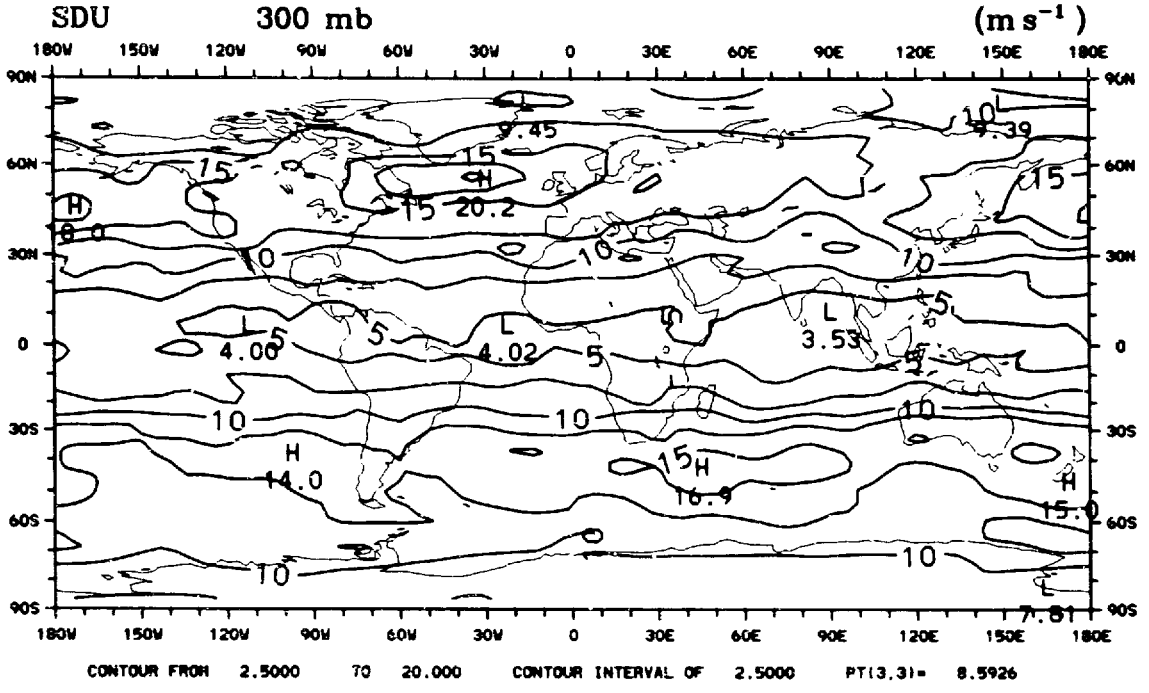

FRAME 2.3

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



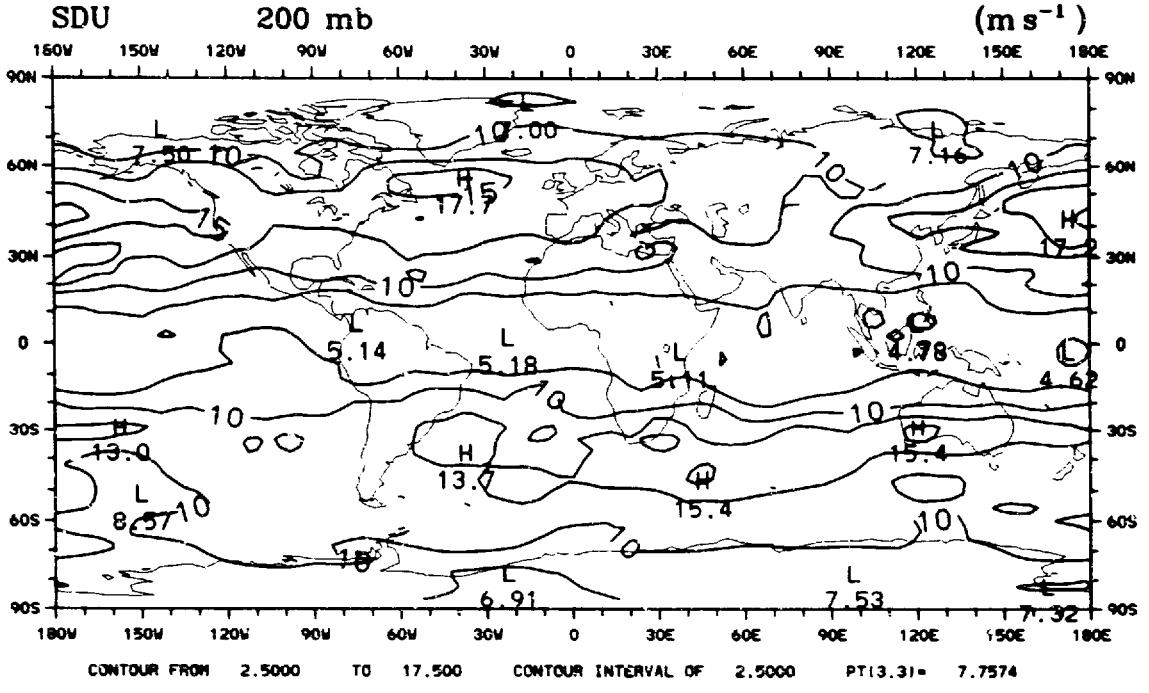

FRAME 2.4

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



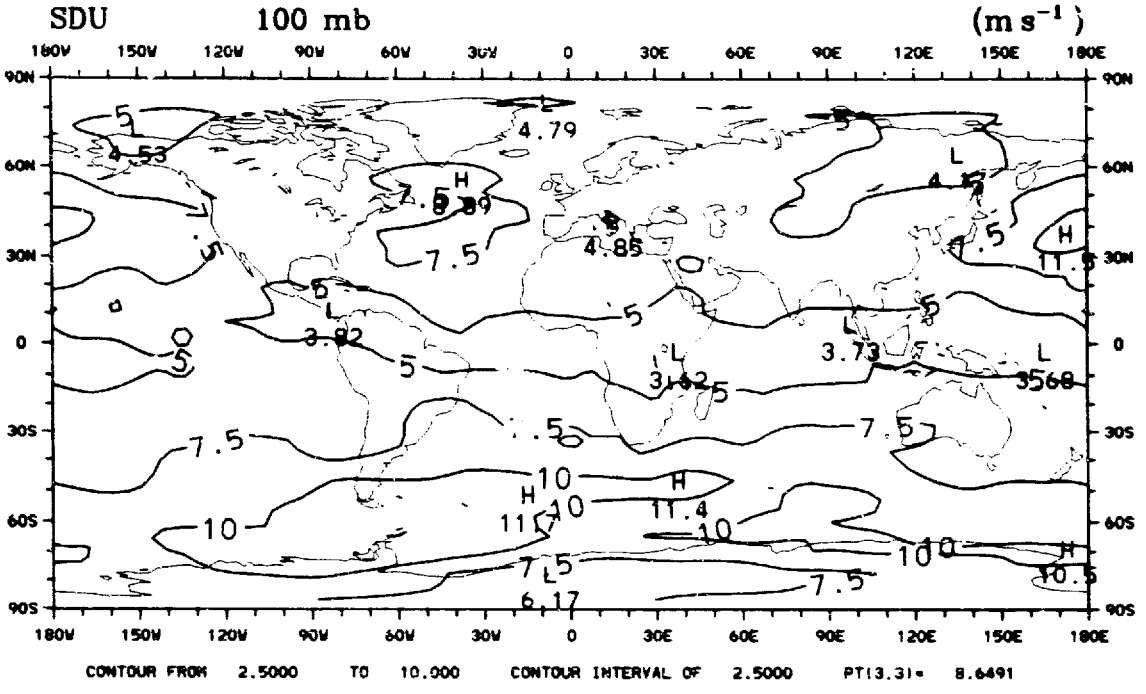

FRAME 2.5

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



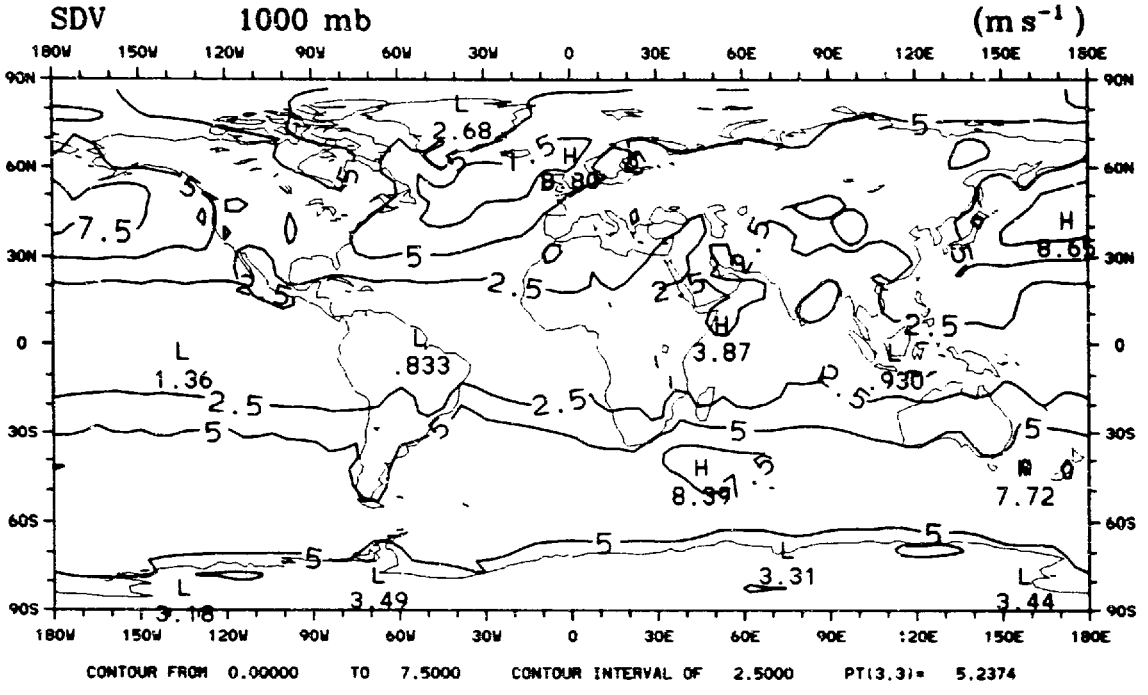

FRAME 2.6

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



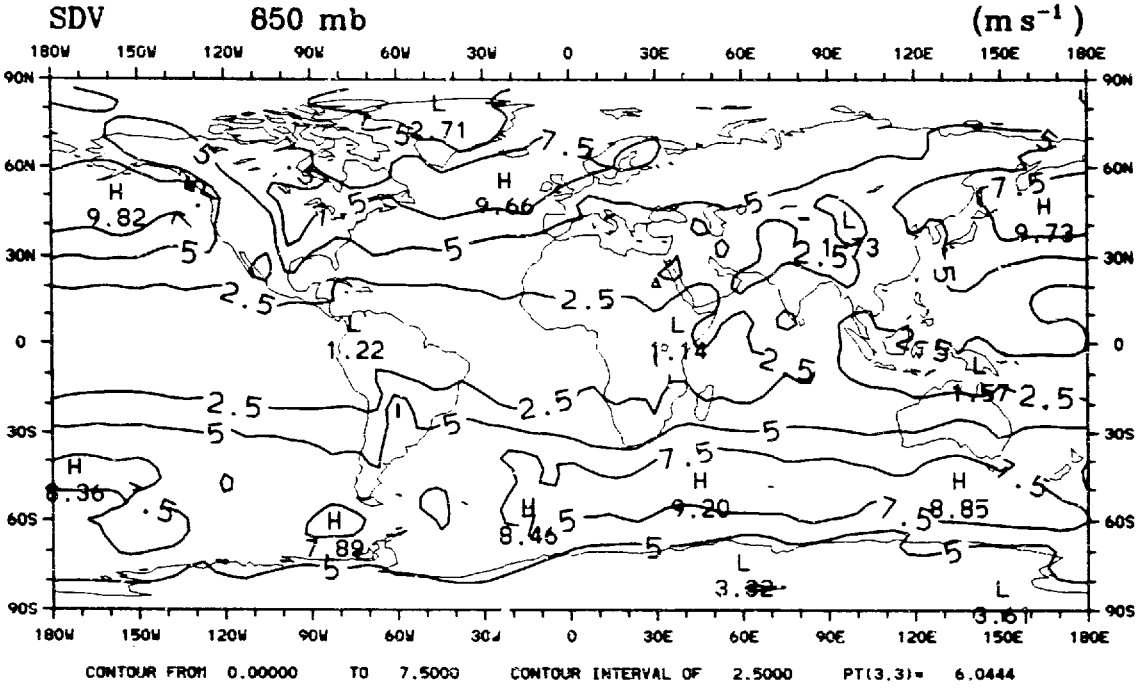

FRAME 2.7

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



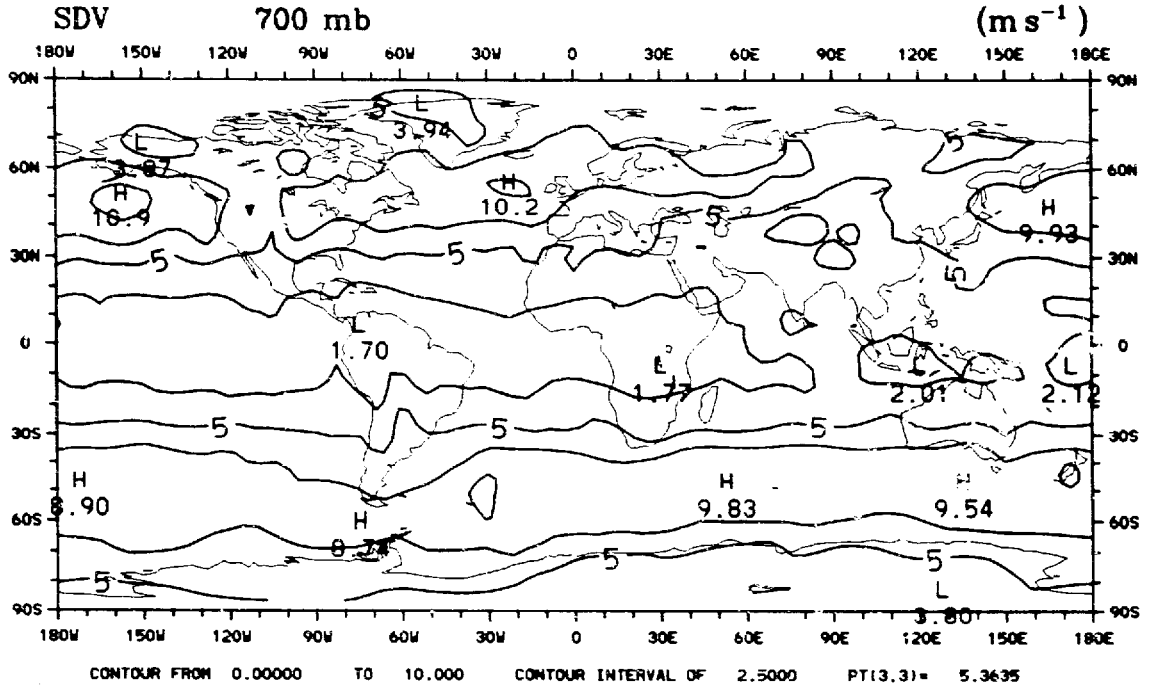

FRAME 2.8

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



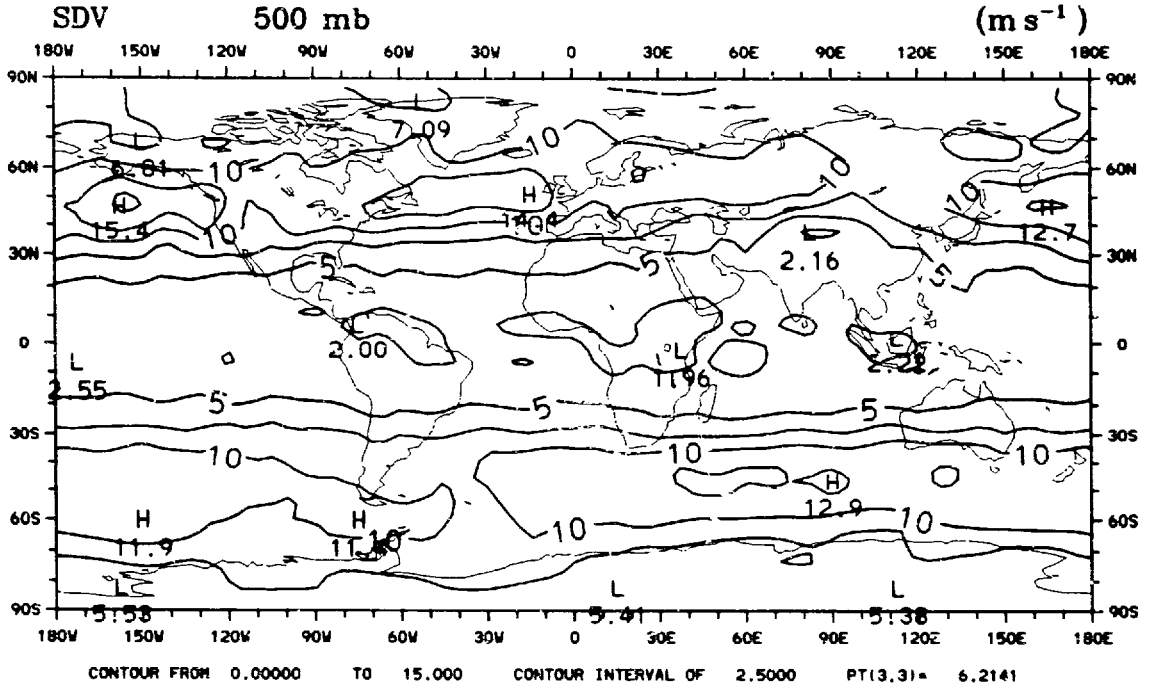

FRAME 2.9

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



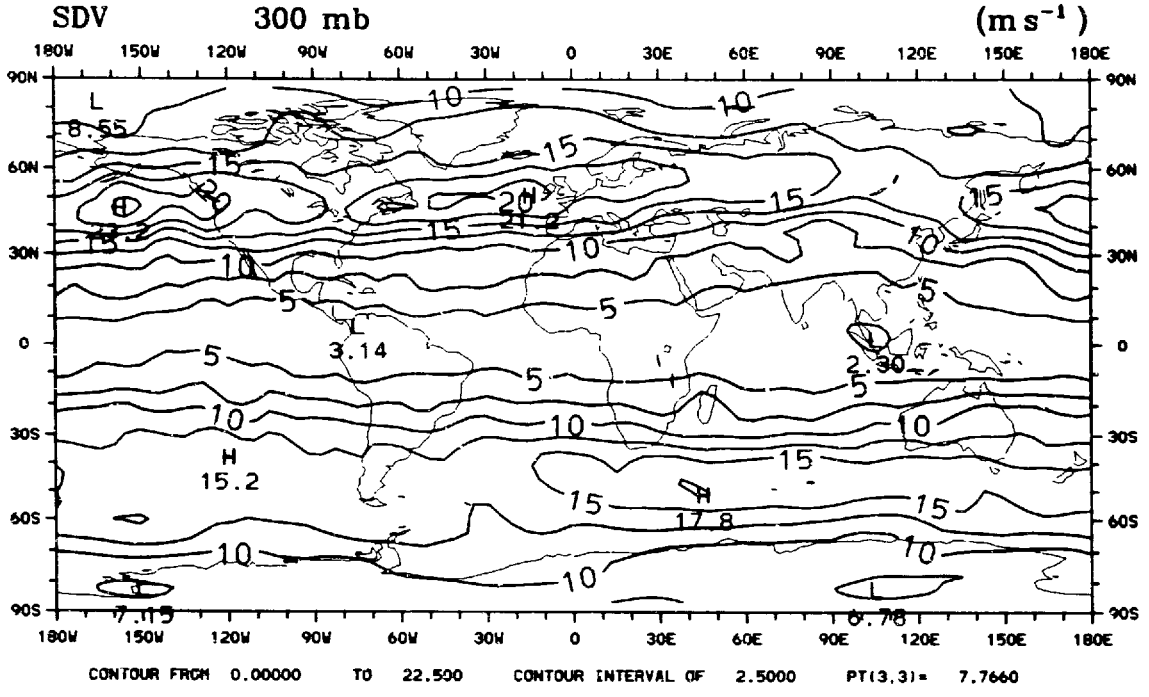

FRAME 2.10

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



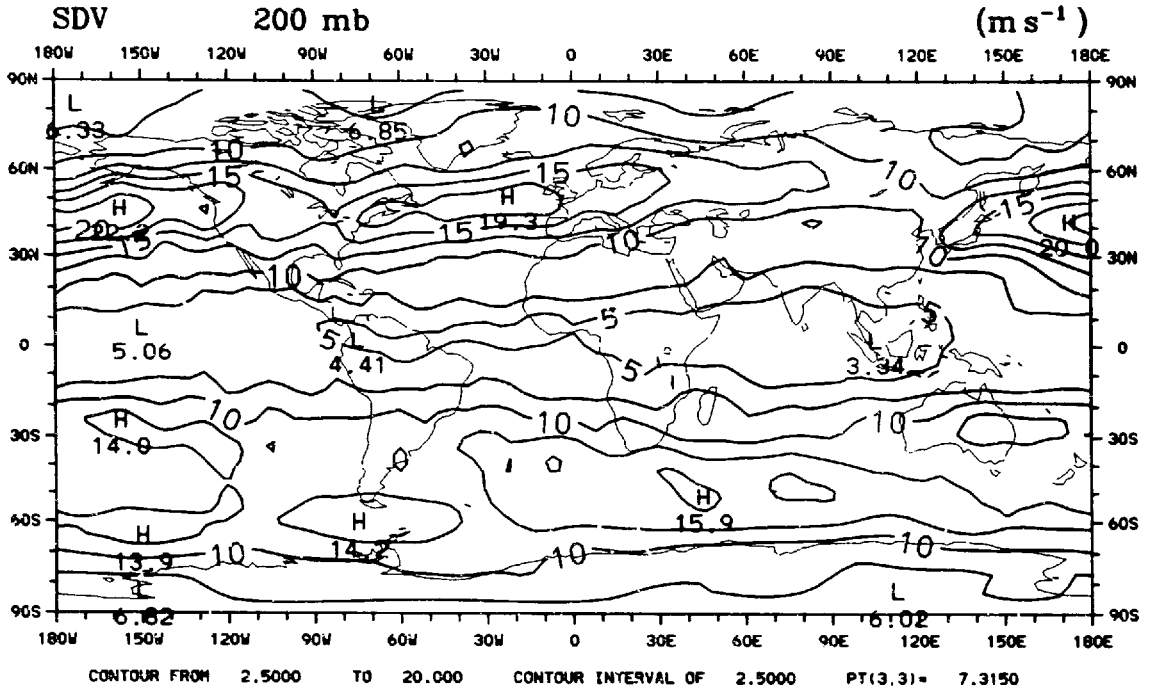

FRAME 2.11

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



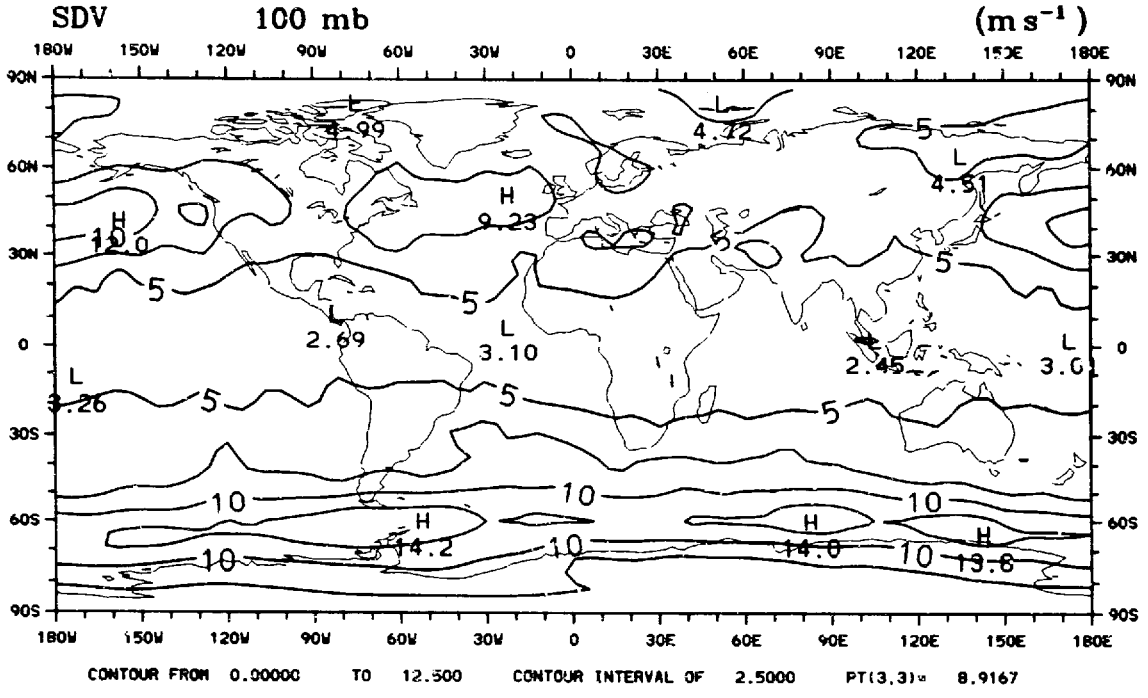

FRAME 2.12

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



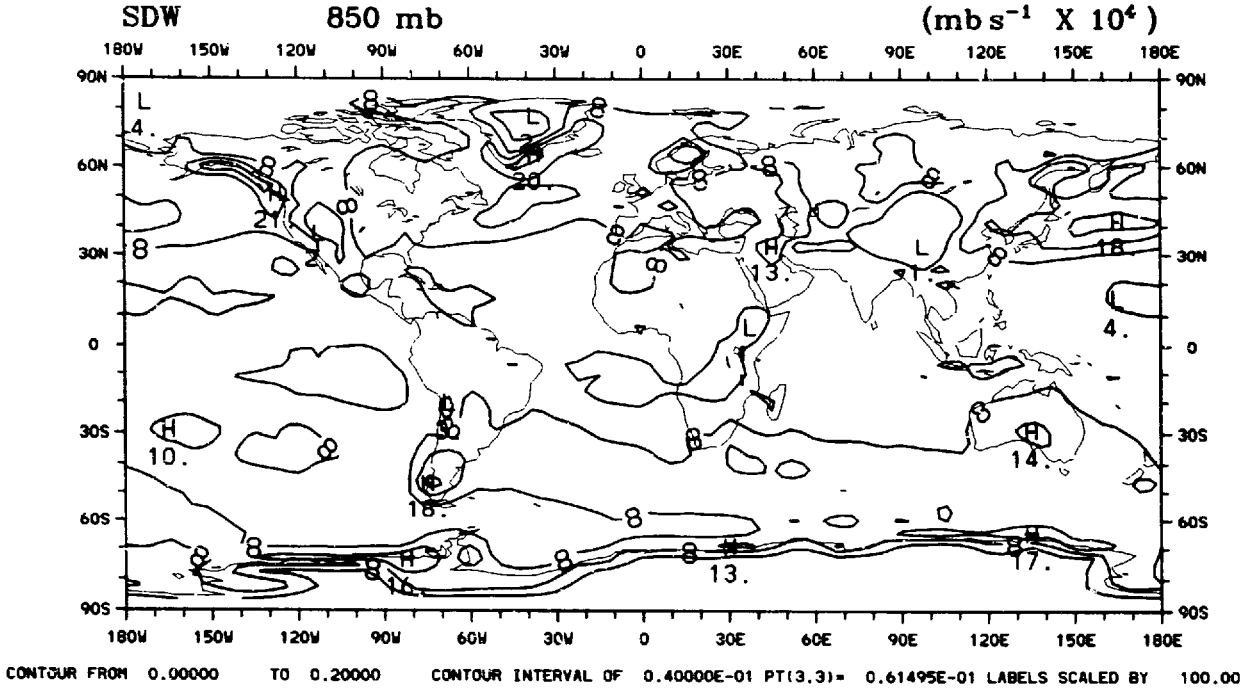

FRAME 2.13

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



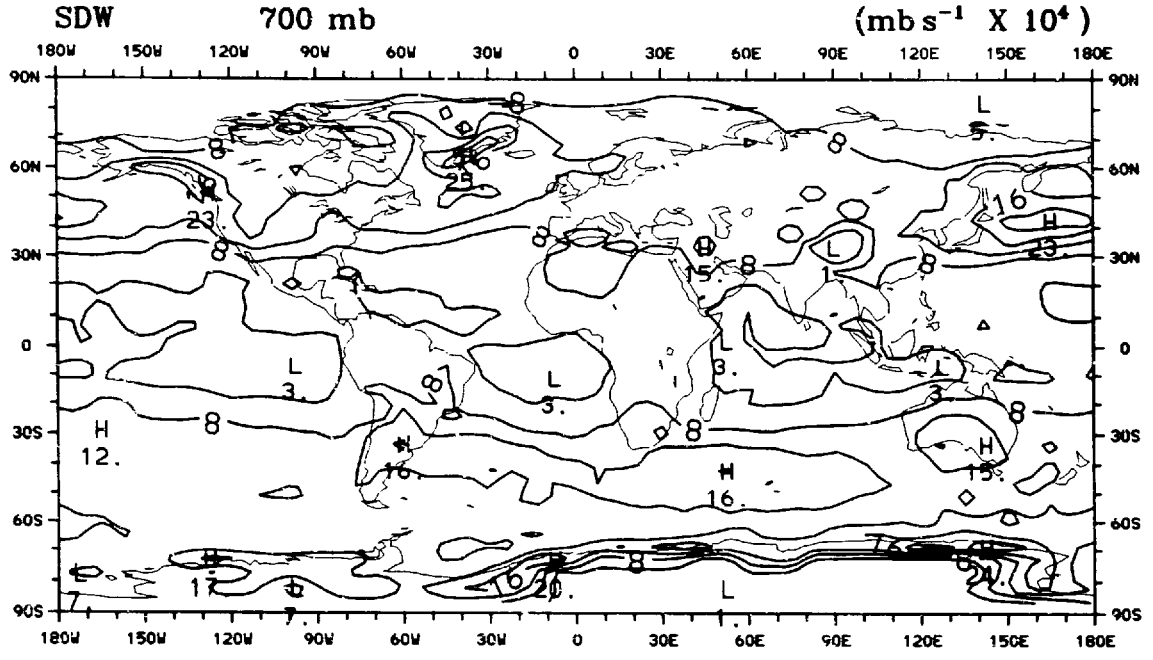

FRAME 2,14

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979--1986)



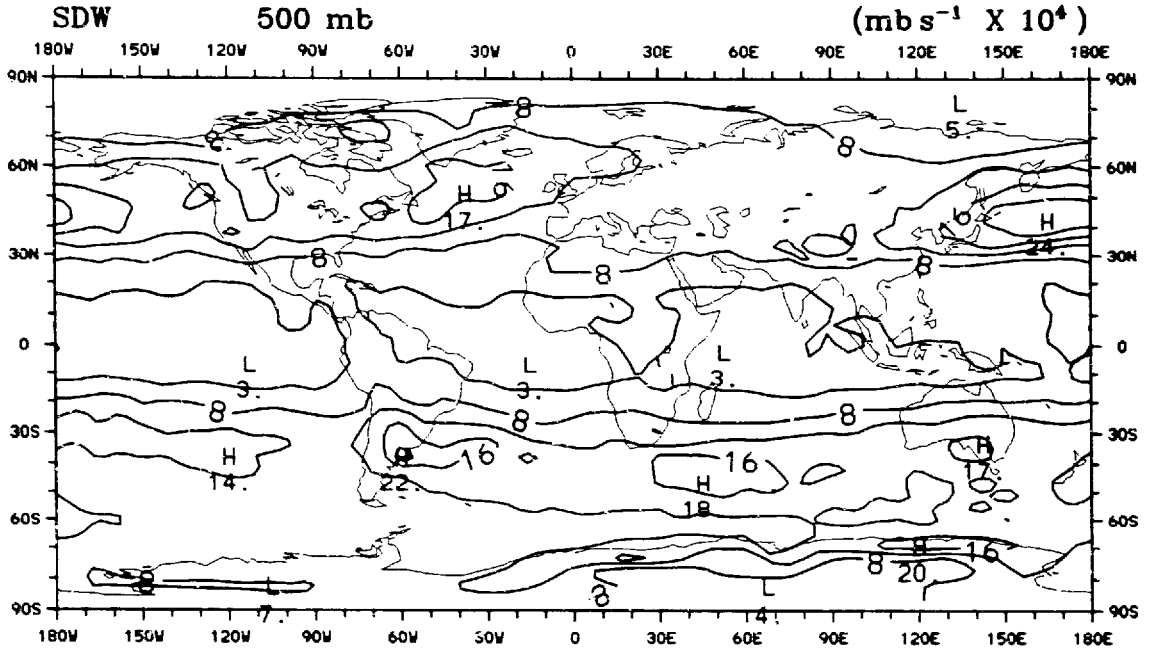

FRAME 2.15

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.16

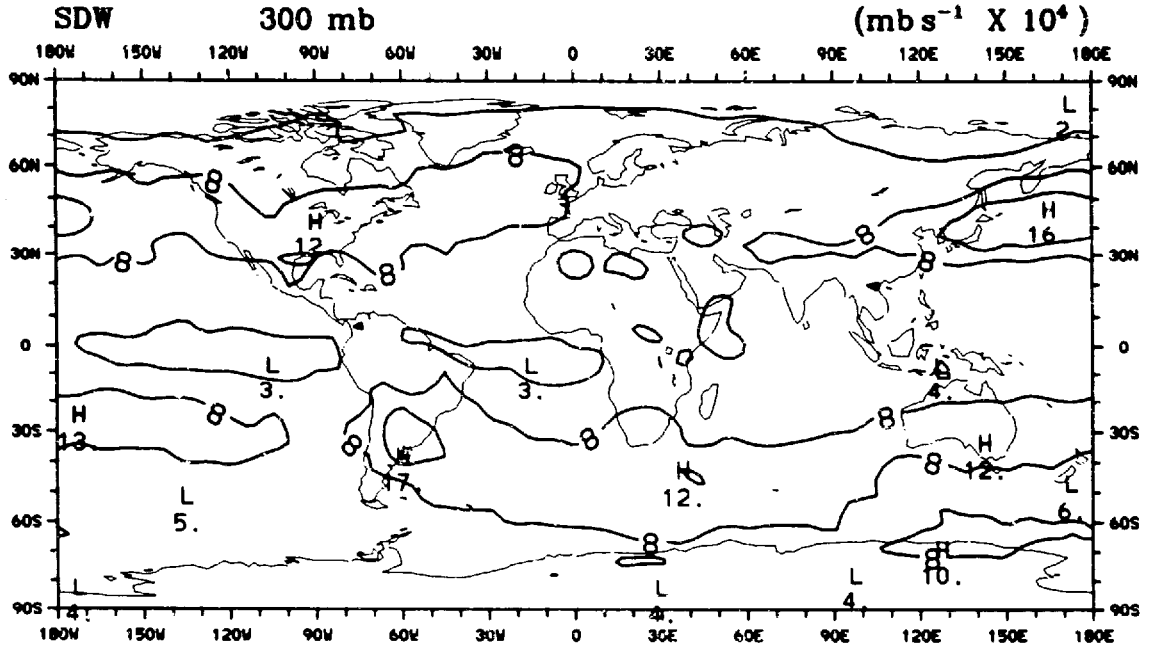
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.24000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.79564E-01 LABELS SCALED BY 100.00

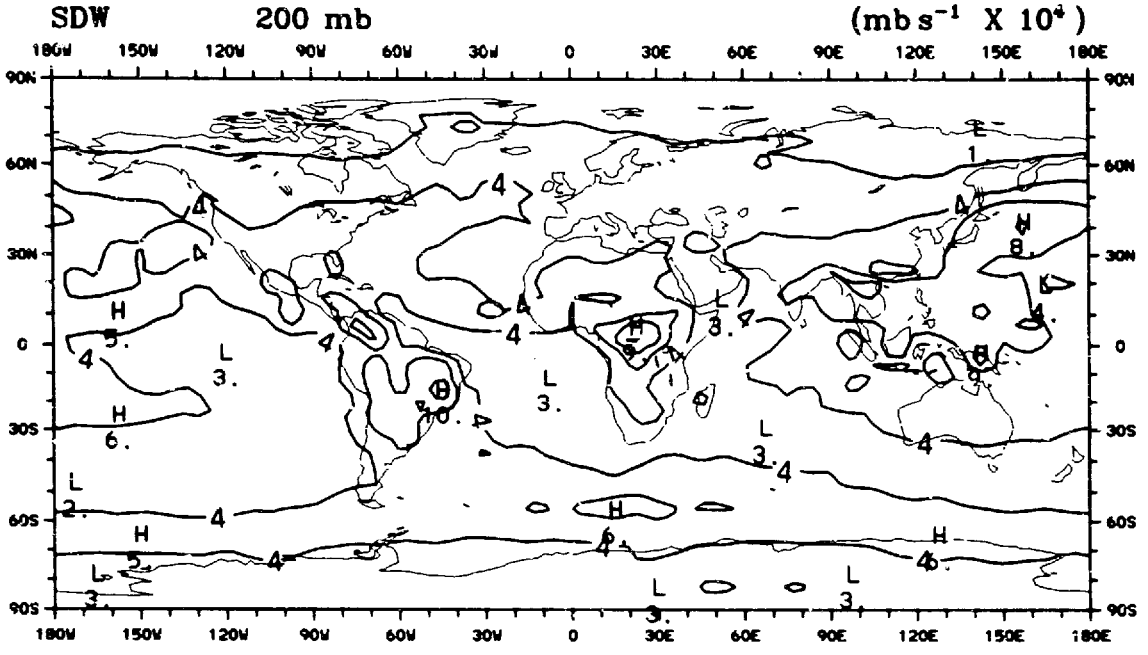
FRAME 2.17

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.18

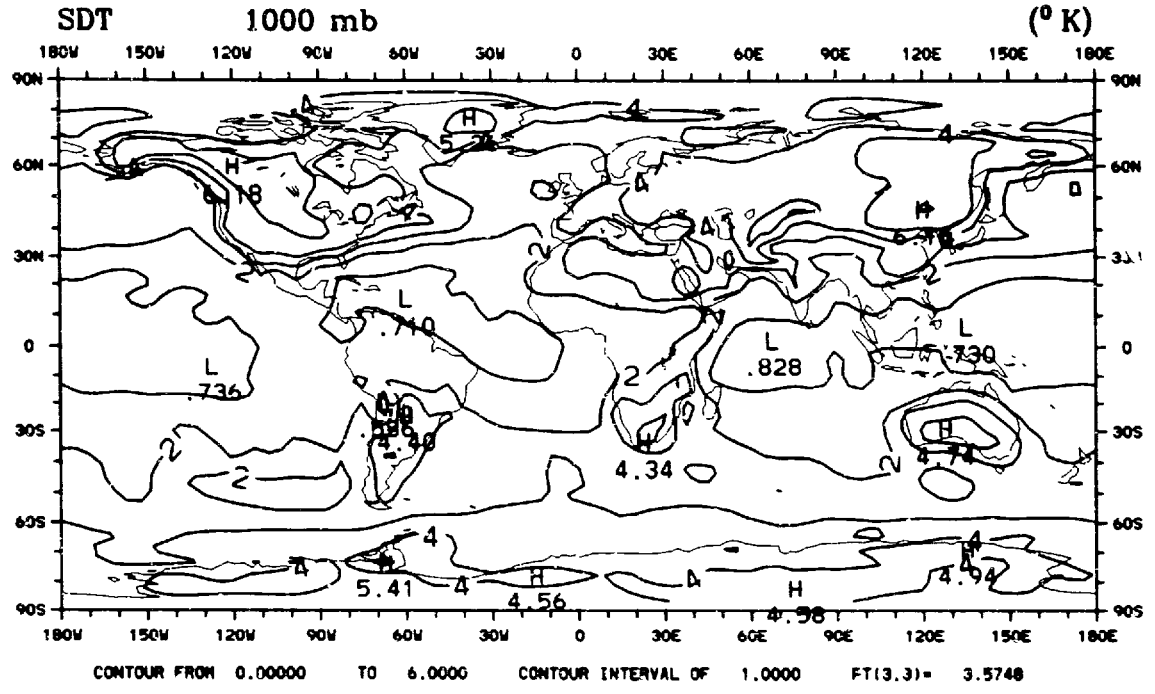
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.80000E-01 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.25482E-01 LABELS SCALED BY 100.00

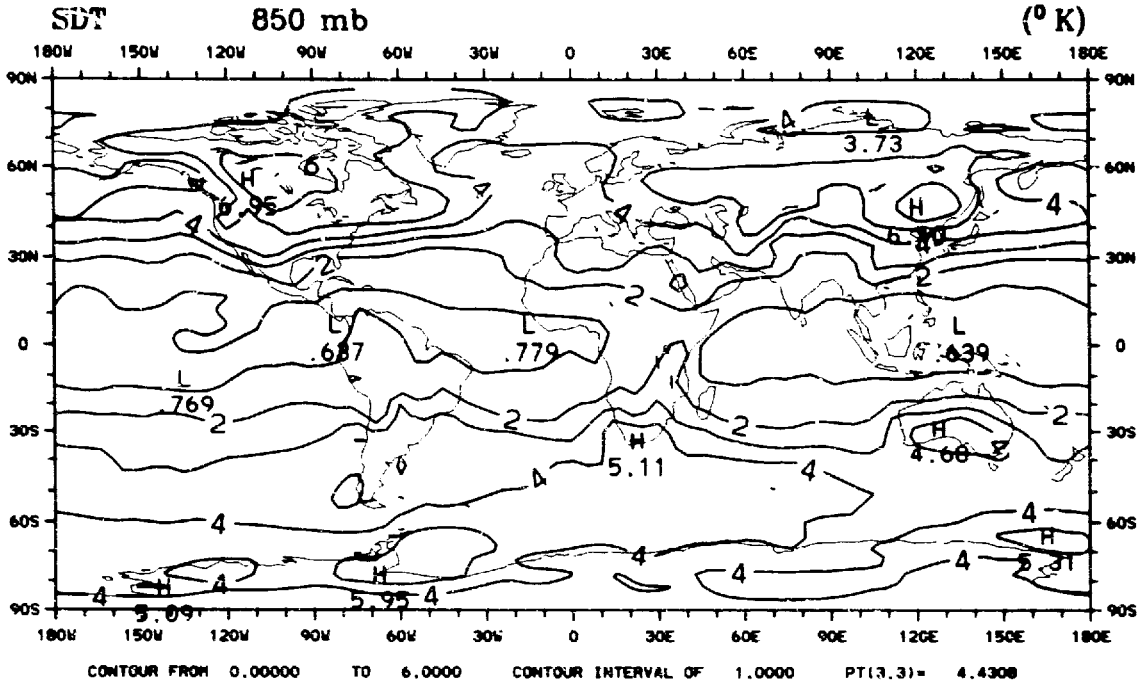
FRAME 2.19

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



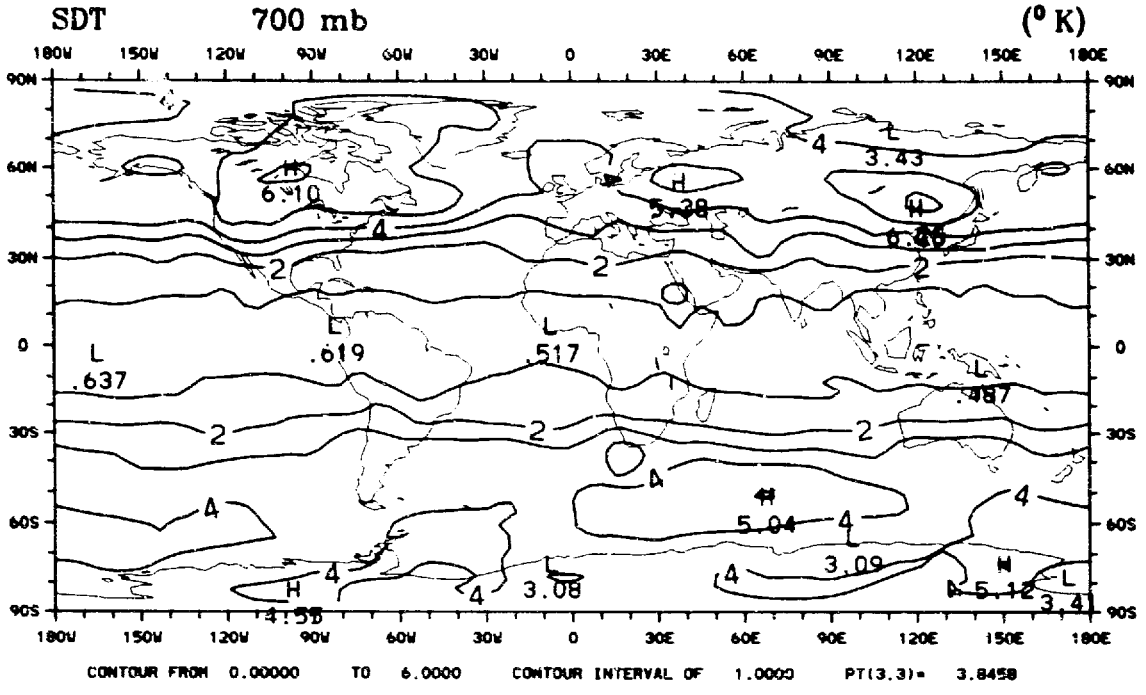

FRAME 2.20

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



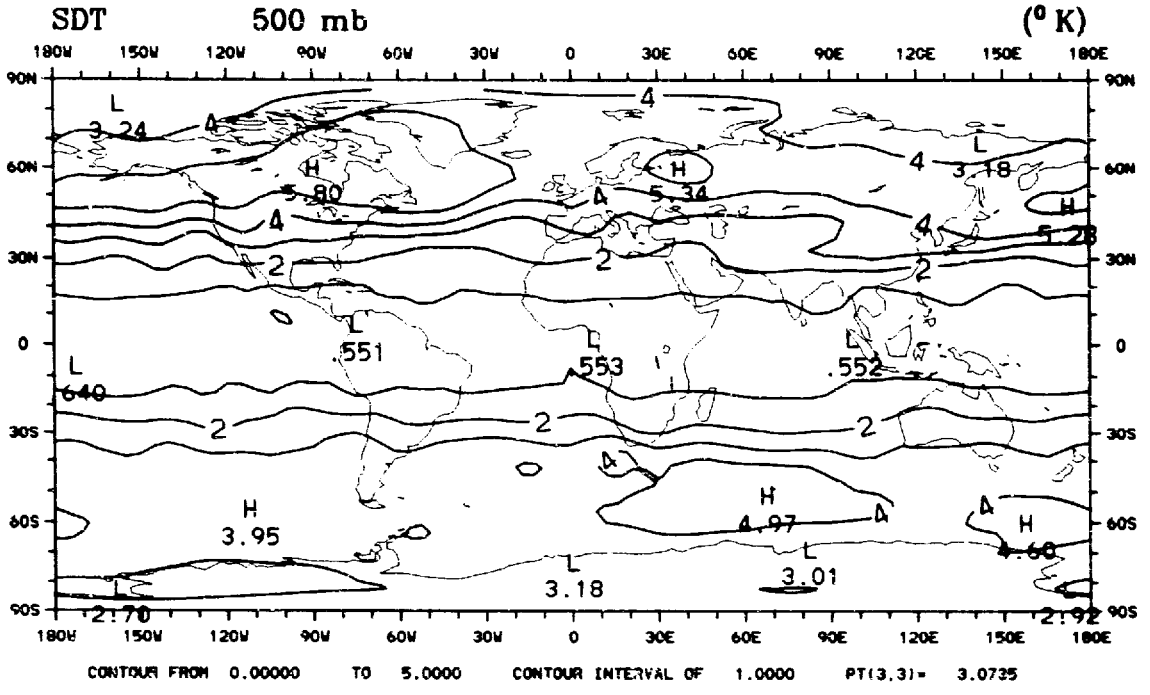

FRAME 2.21

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



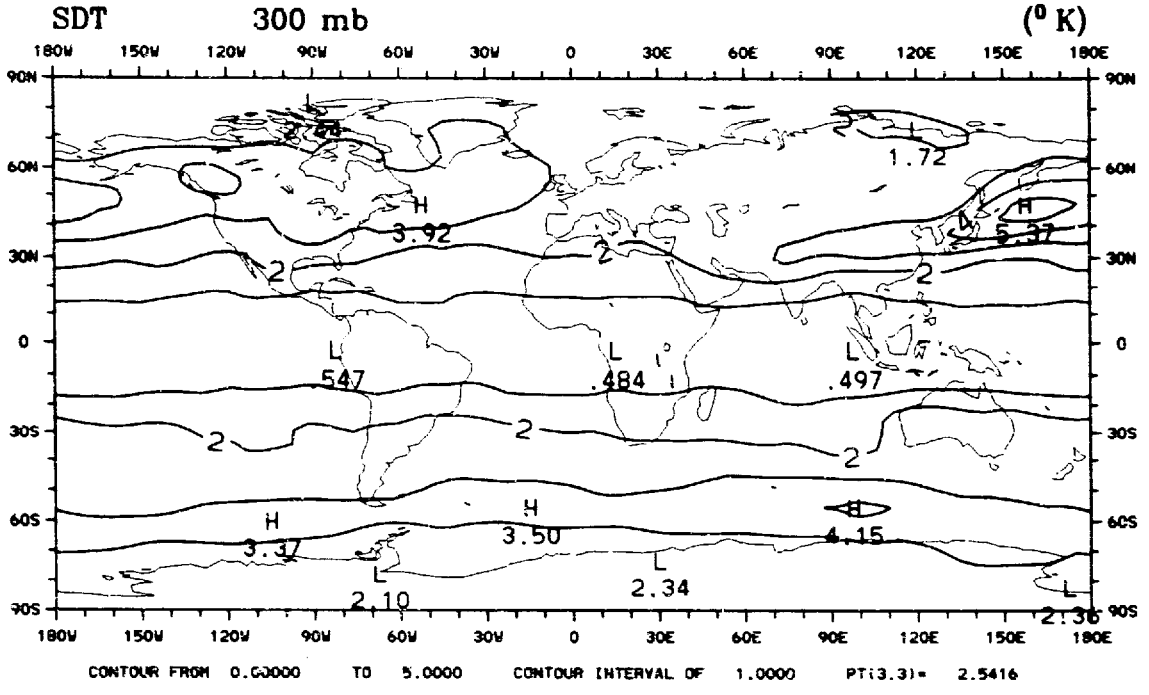

FRAME 2.22

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



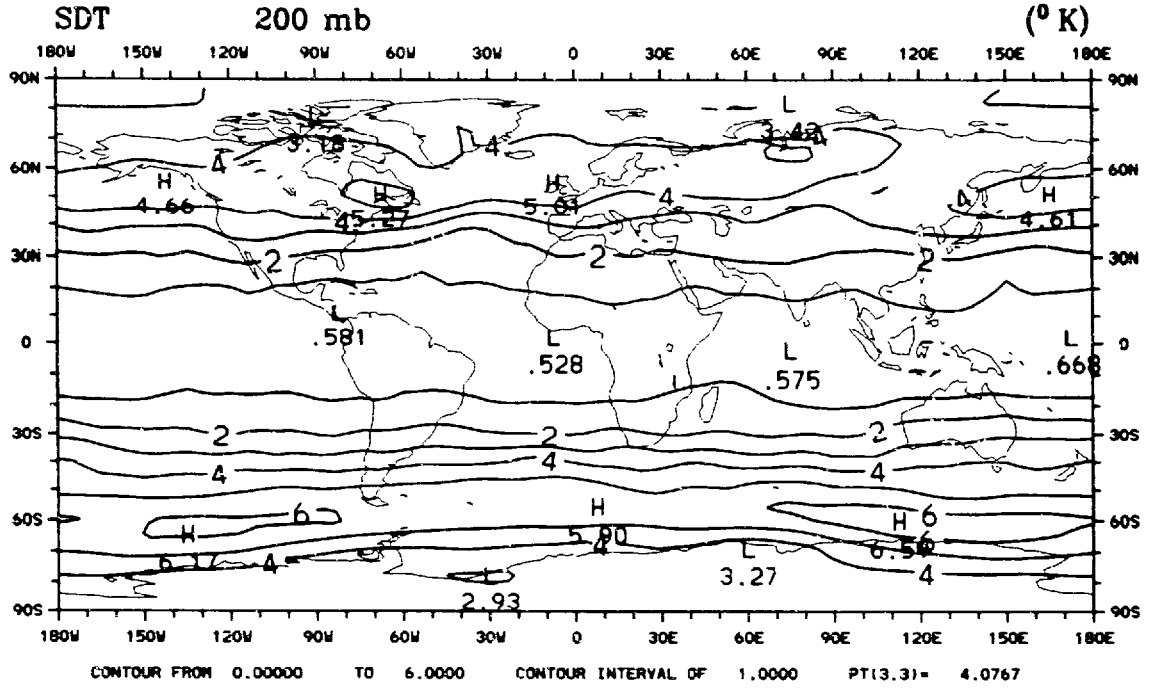

FRAME 2.20

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1988)



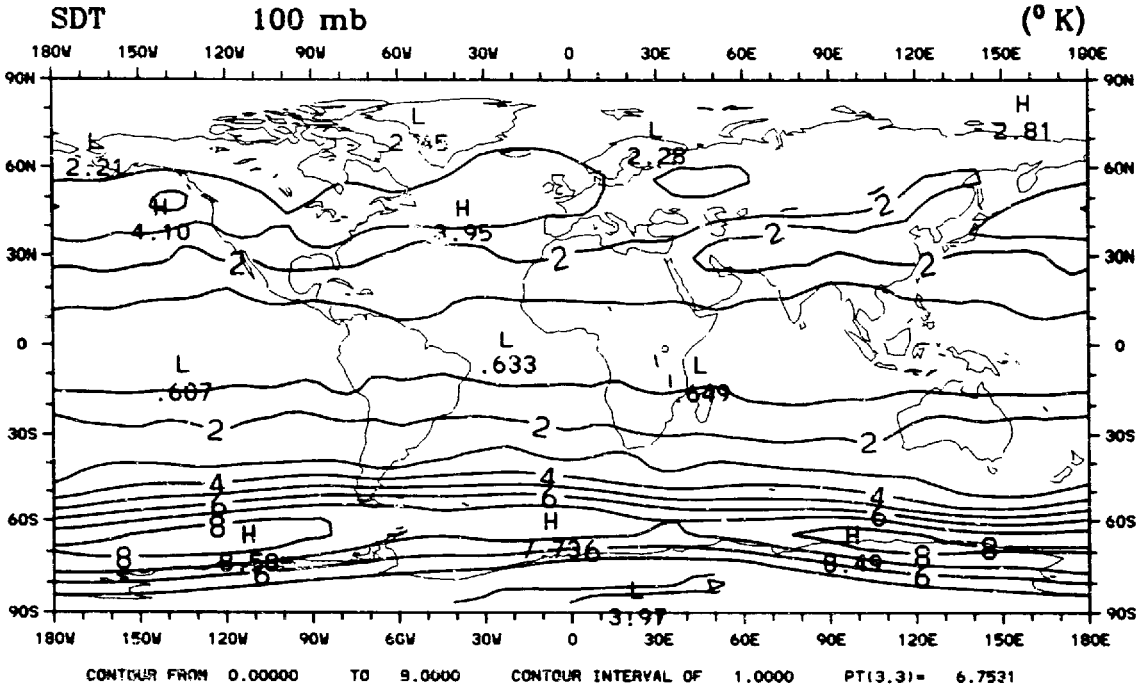

FRAME 2.24

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



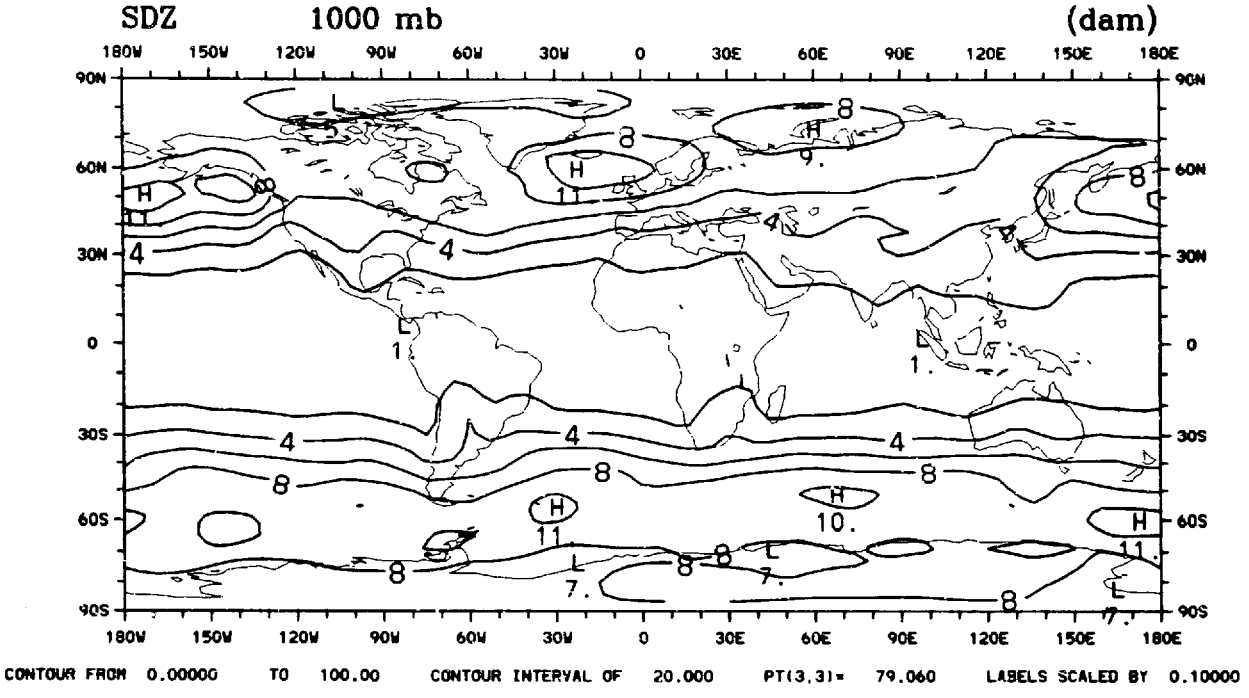

FRAME 2.25

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



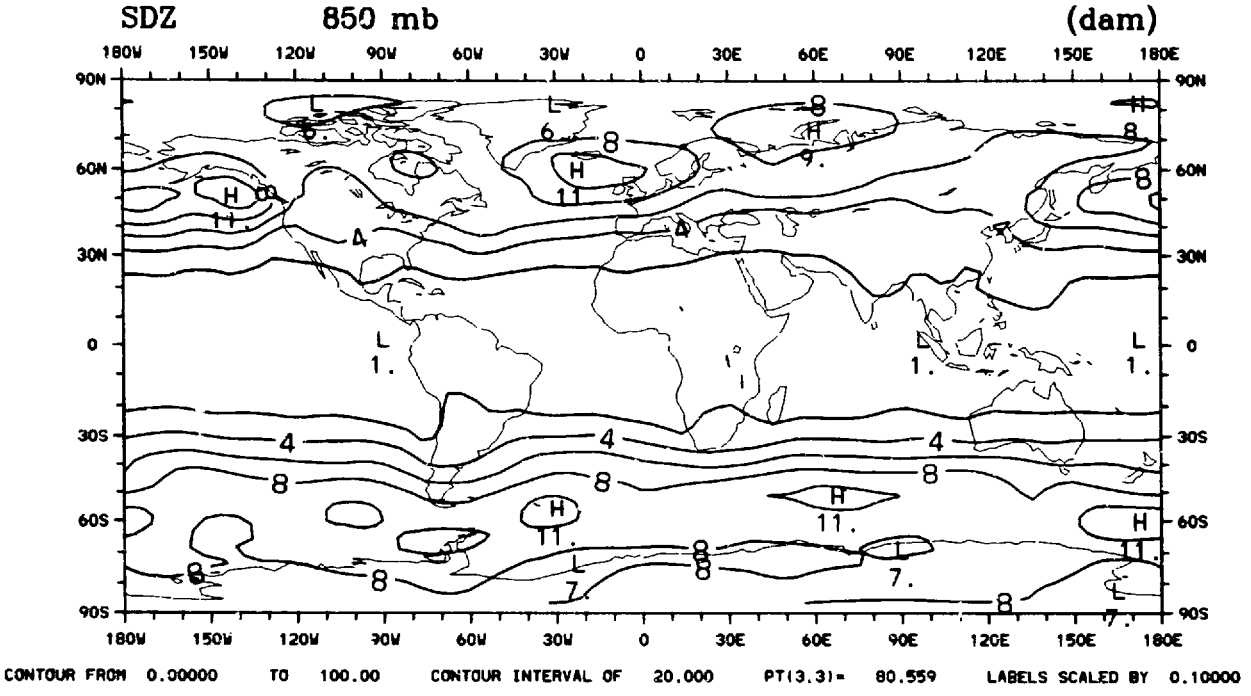

FRAME 2.26

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



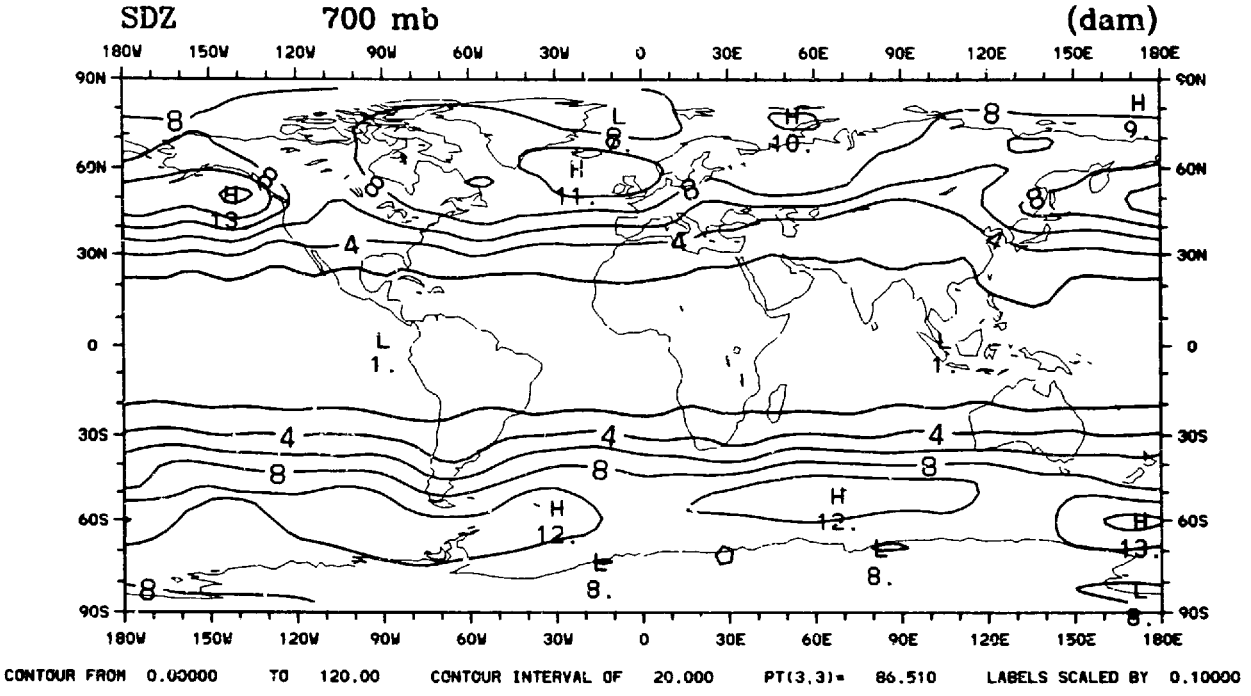

FRAME 2.27

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



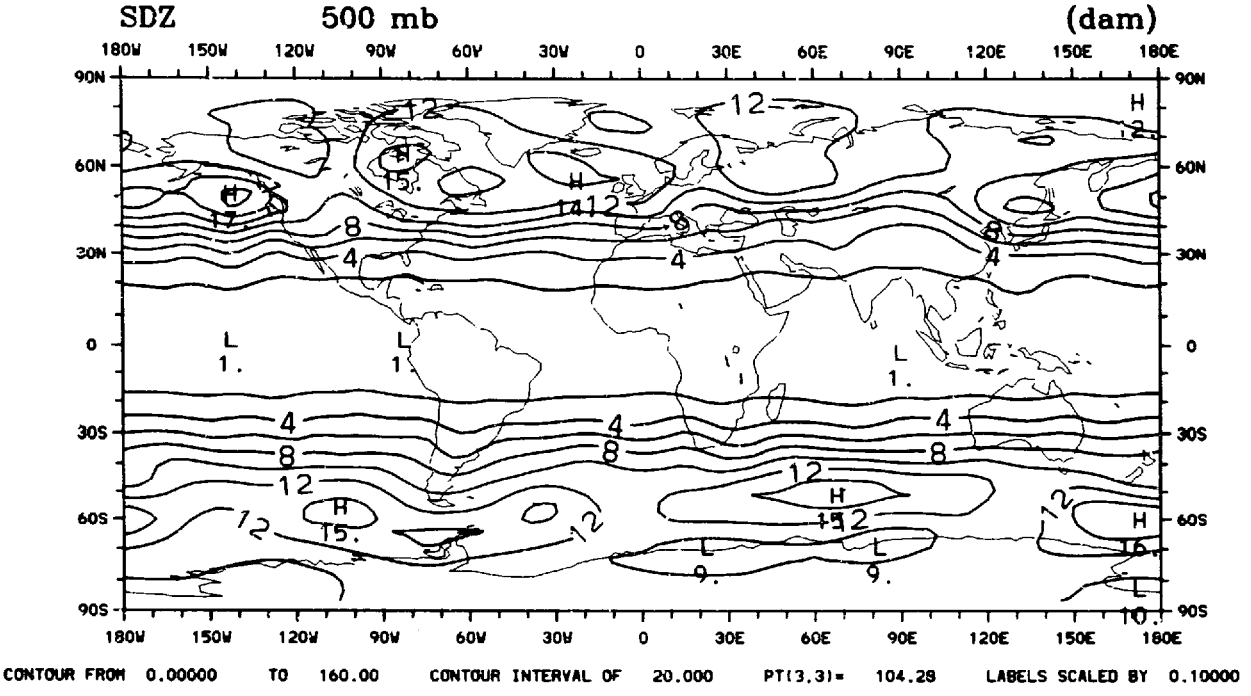

FRAME 2.28

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



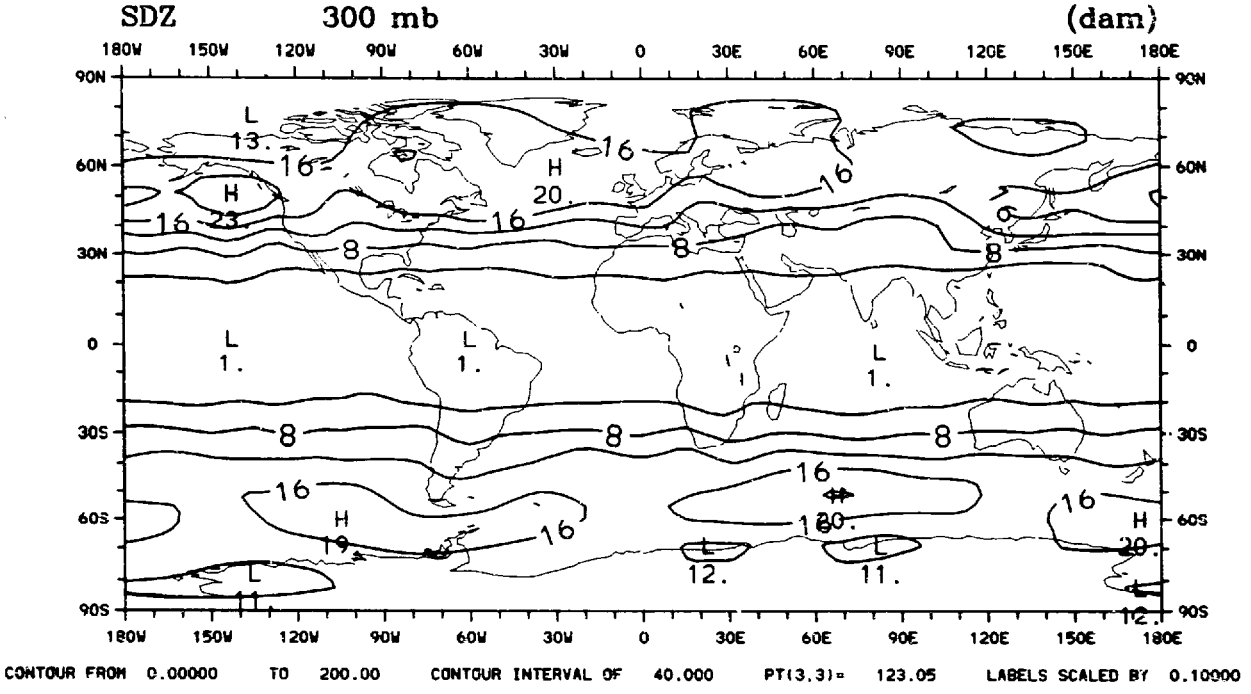

FRAME 2.29

# EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.30

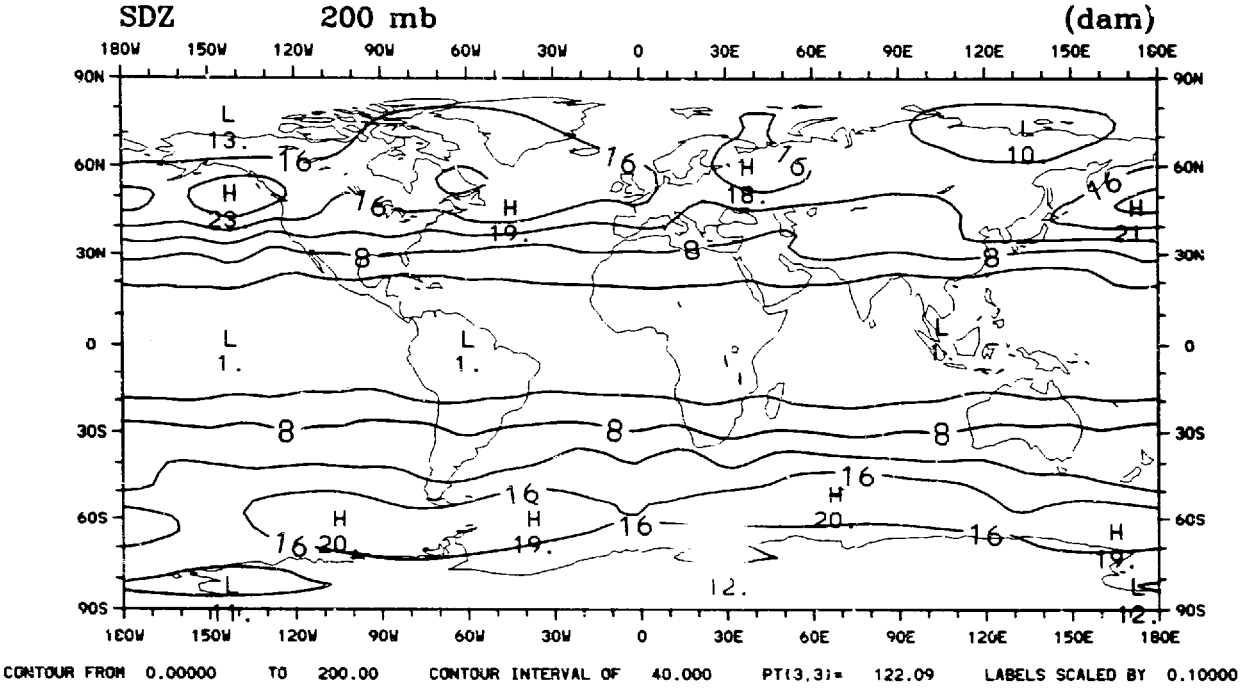
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 123.05 LABELS SCALED BY 0.10000

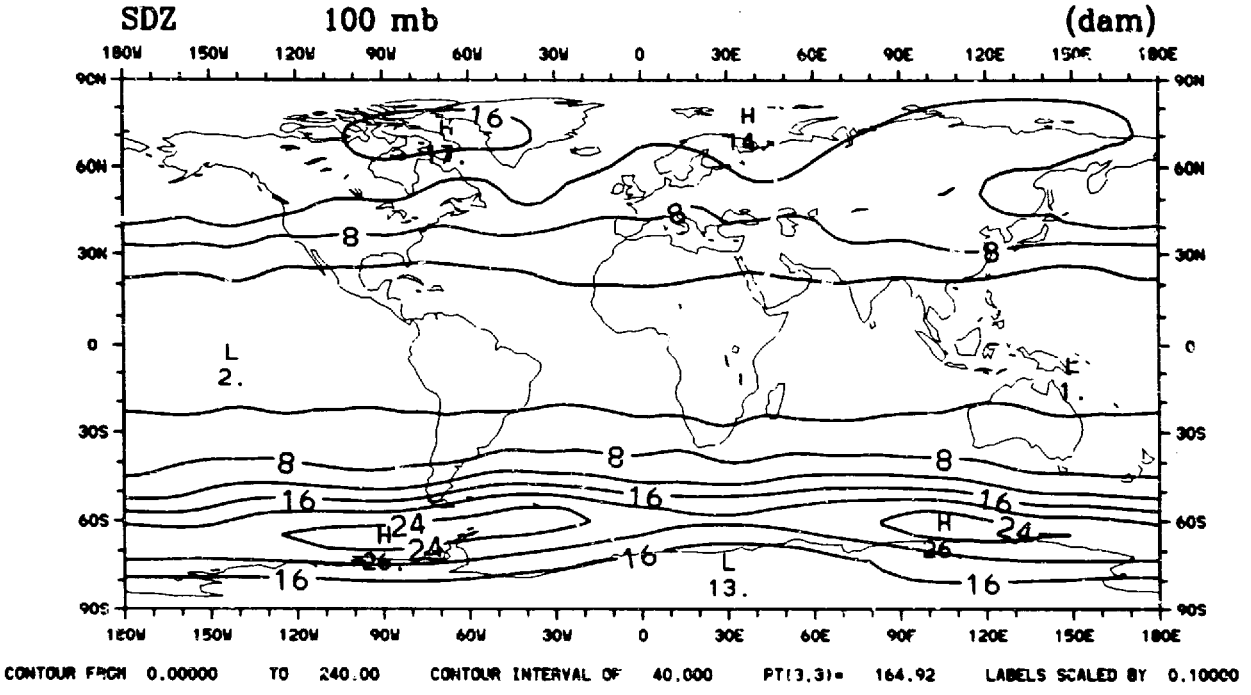
FRAME 2.31

# EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



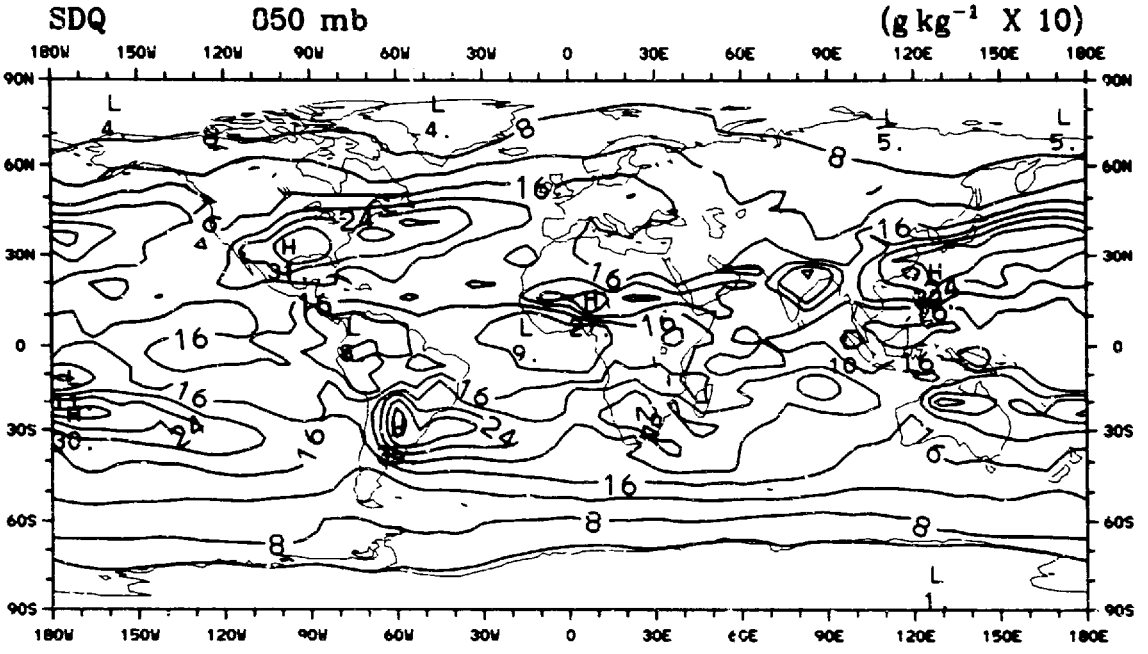

FRAME 2.32

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



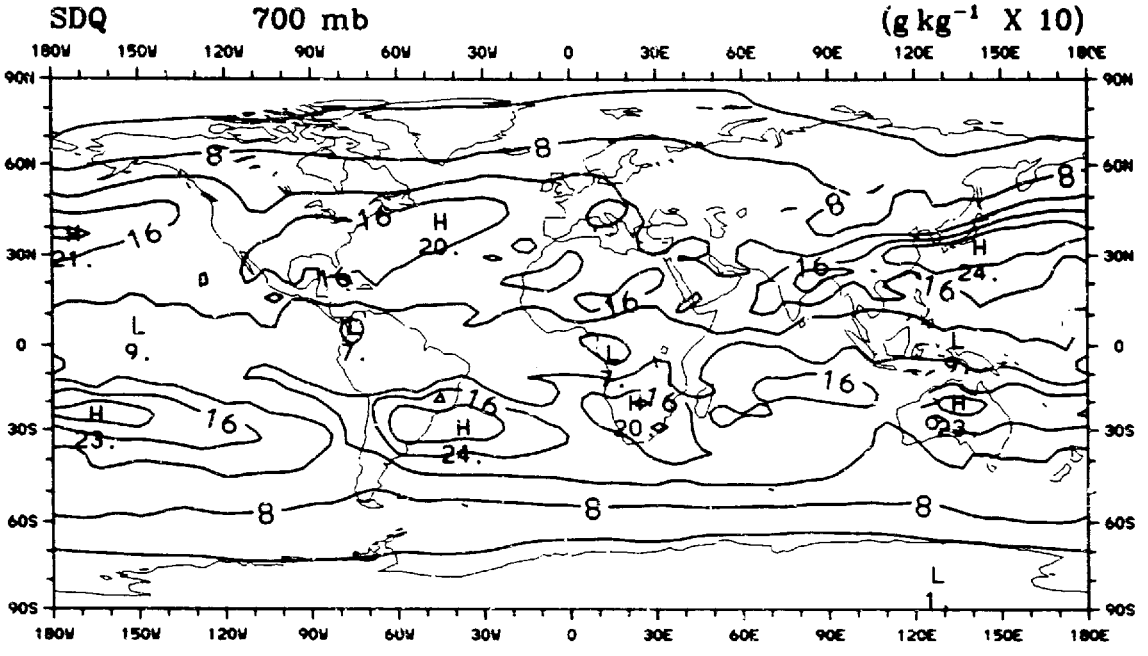

FRAME 2.33

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.34

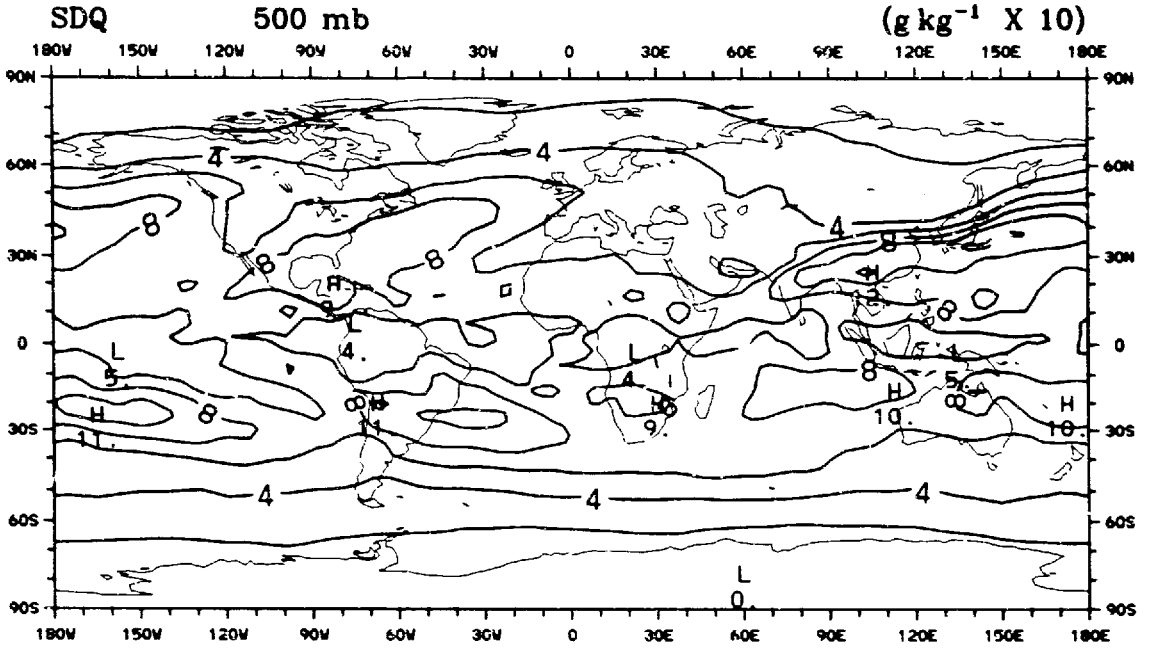
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.23721E-03 LABELS SCALED BY 10000.

FRAME 2.35

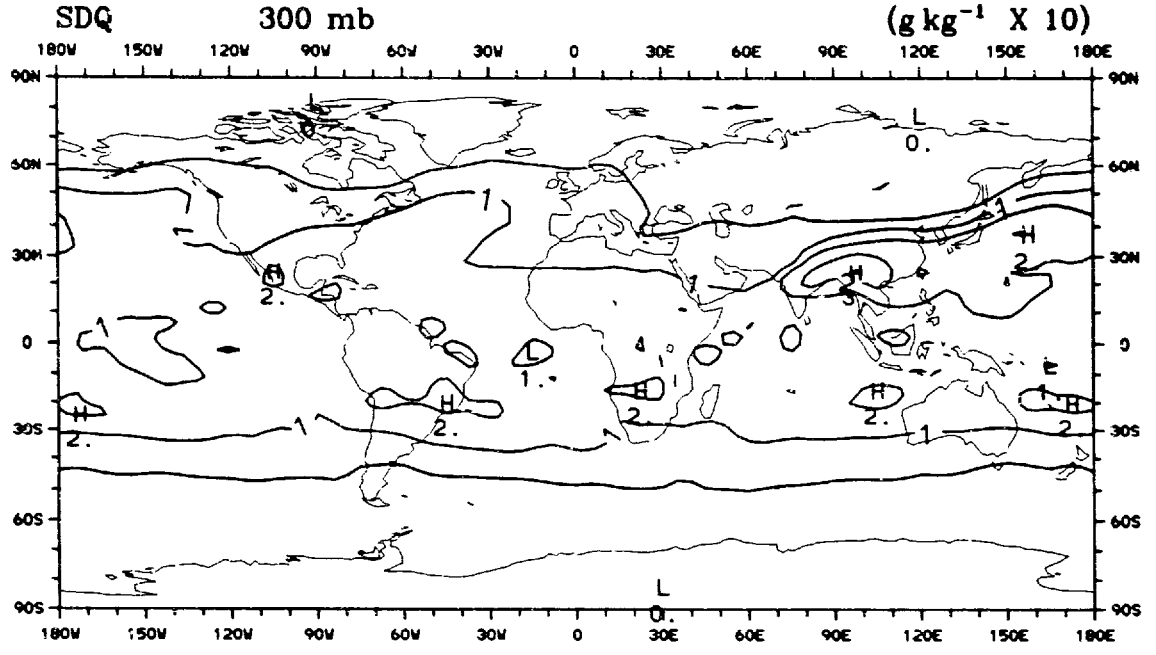
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.12000E-02 CONTOUR INTERVAL = 0.20000E-03 PT(3,3)= 0.34403E-04 LABELS SCALED BY 10000.

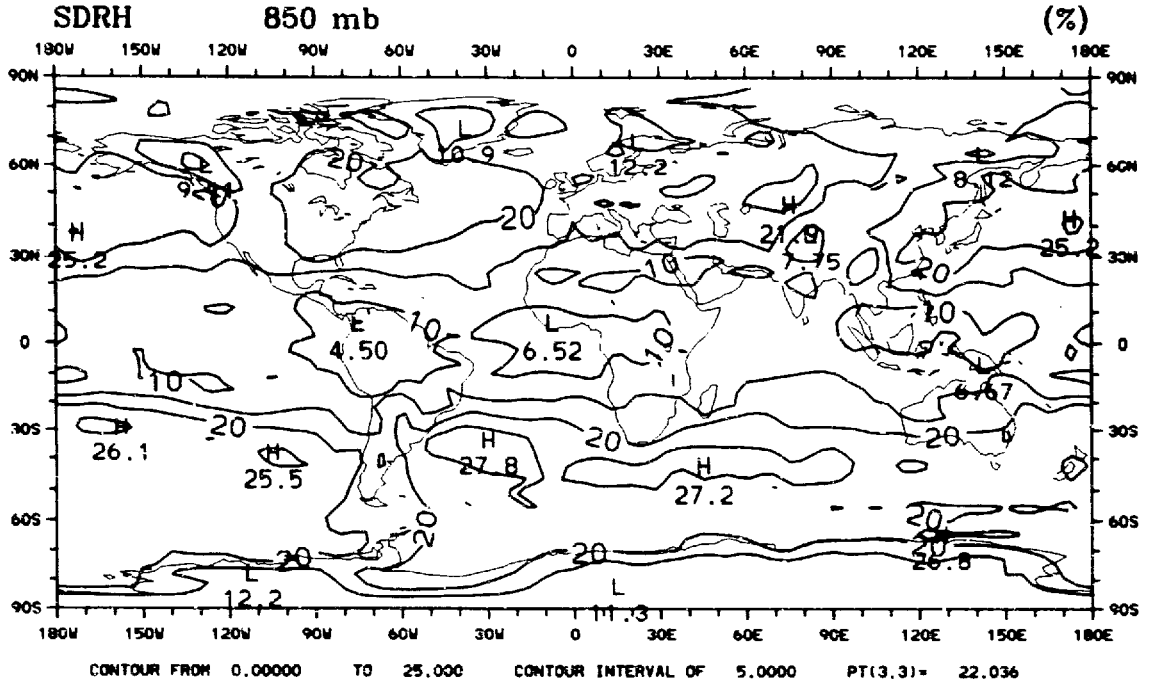
FRAME 2.36

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



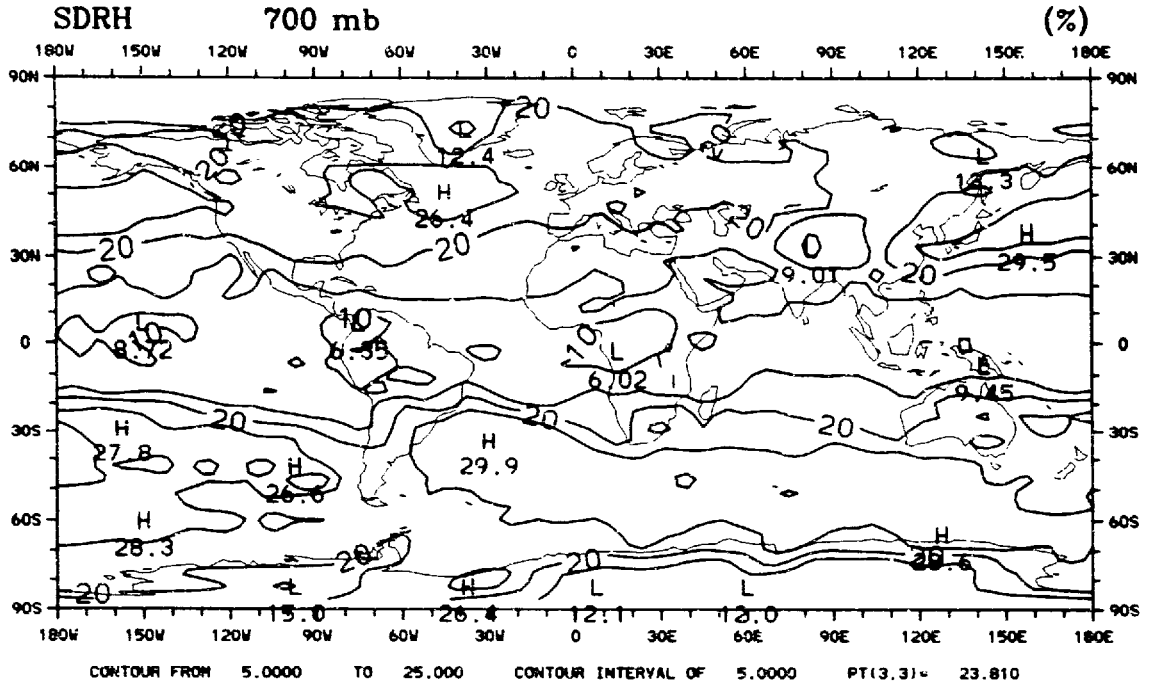

FRAME 2.37

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



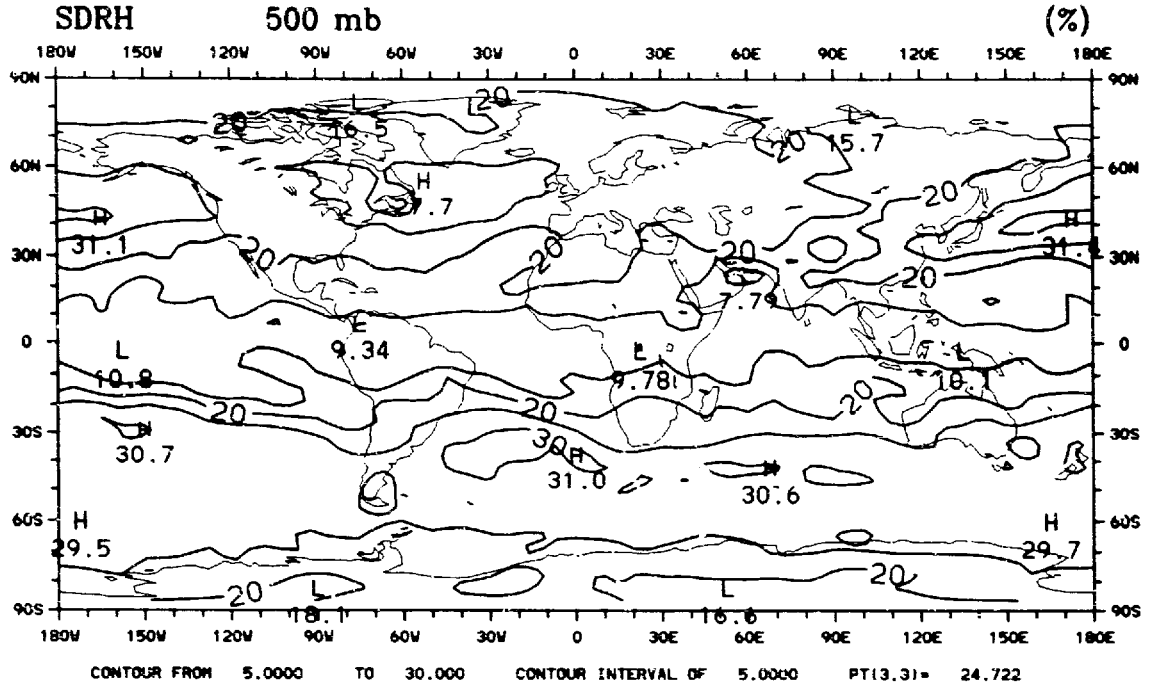

FRAME 2.38

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



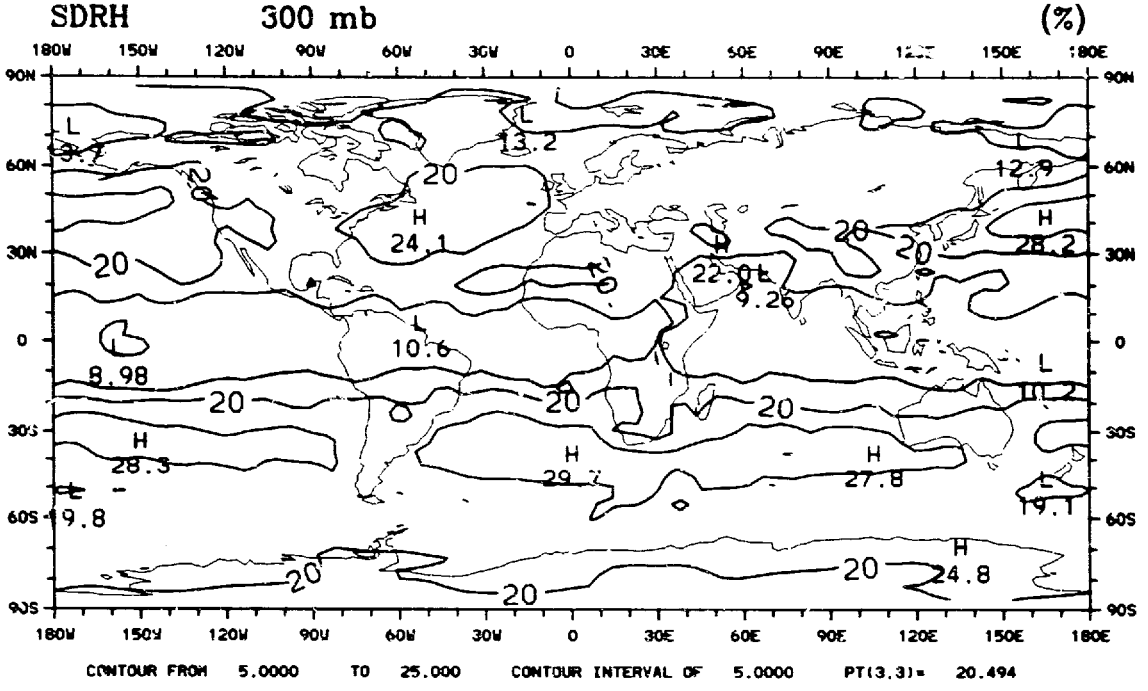

FRAME 2.39

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



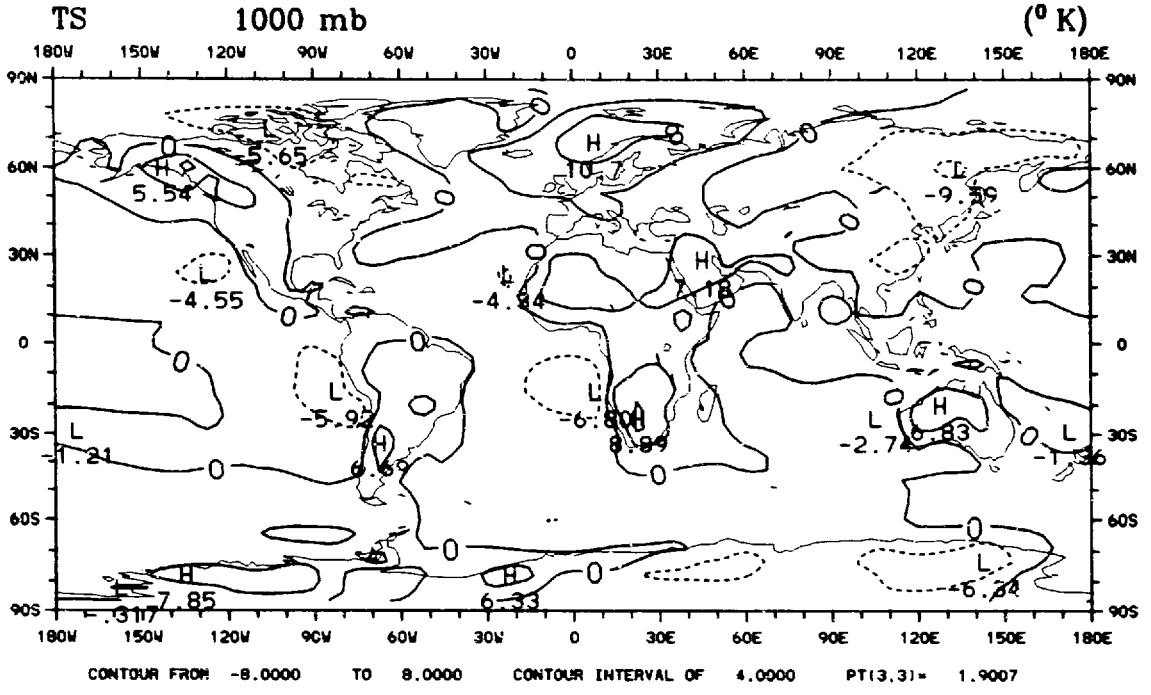

FRAME 2.40

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



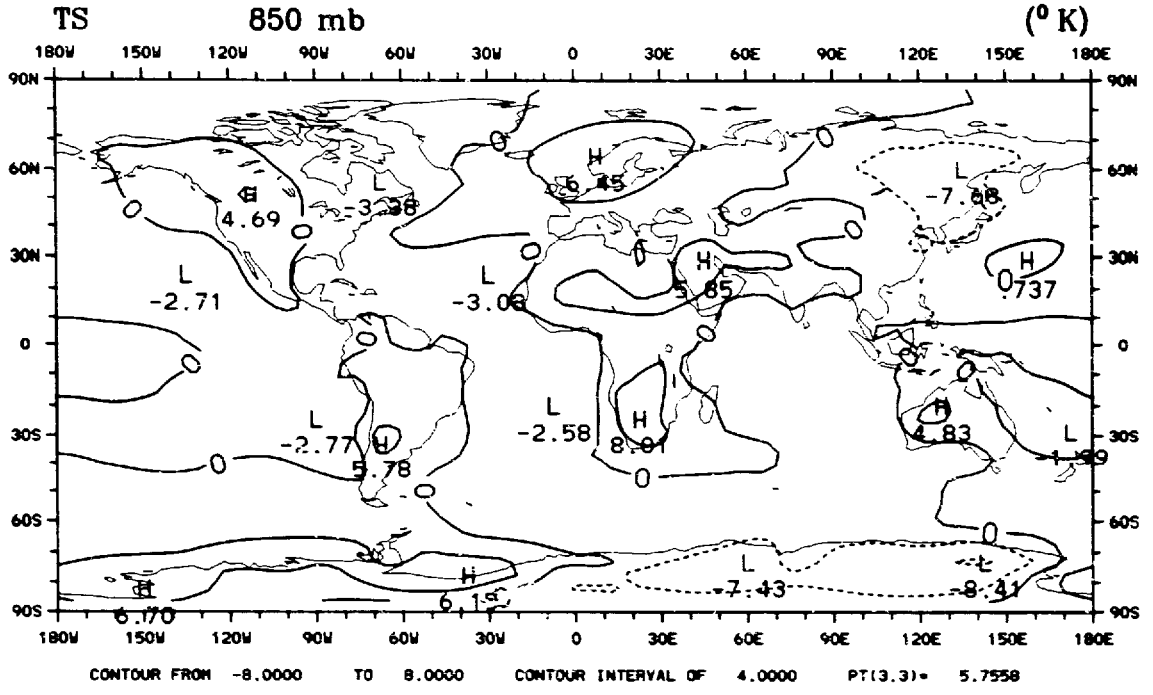

FRAME 2.41

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

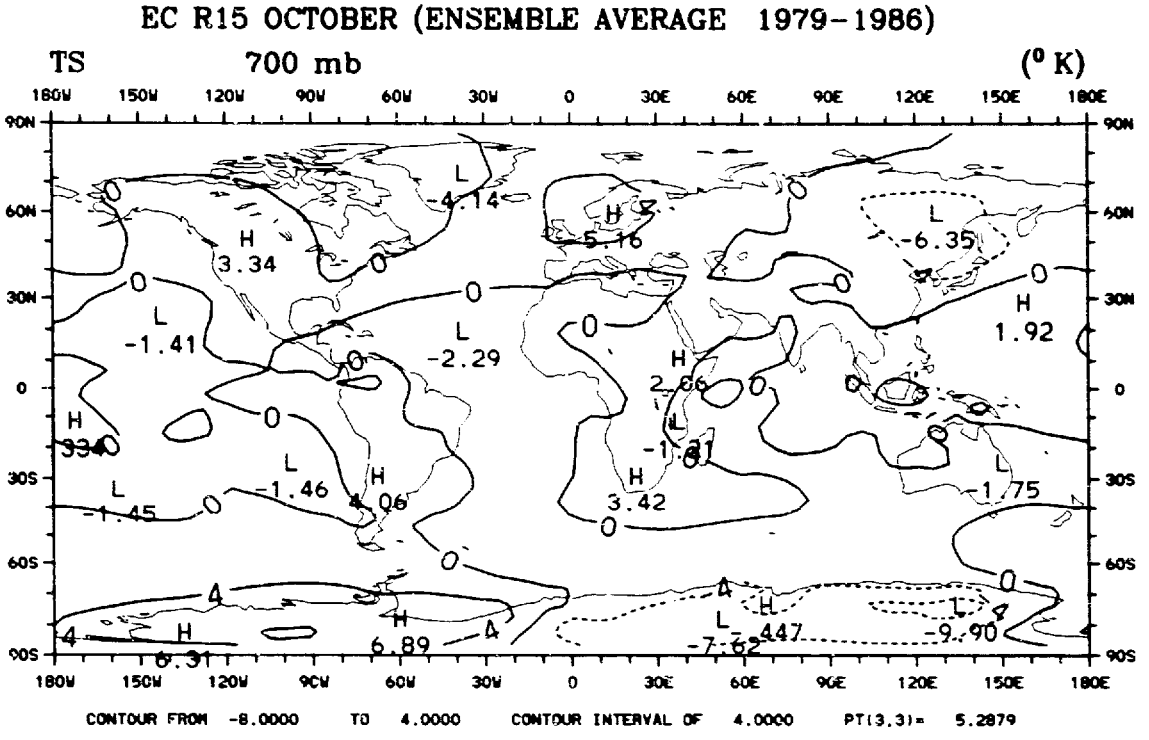



FRAME 2.42

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

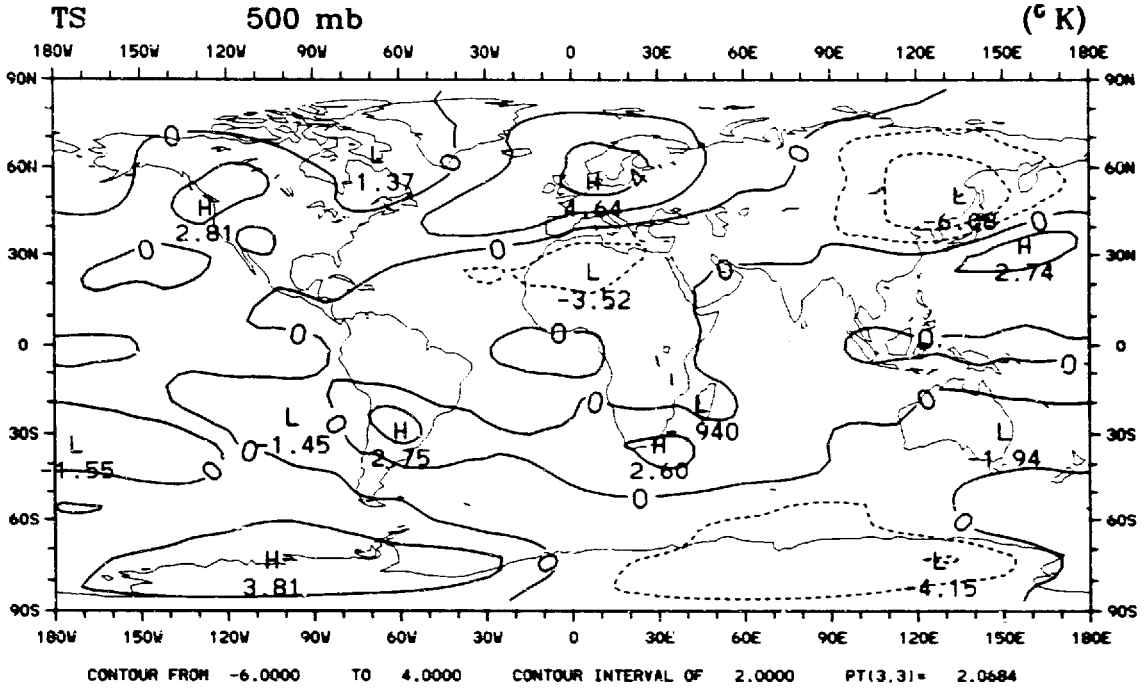



FRAME 2.43


EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
TS
700 mb
(° K)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 3.34
L -4.14
H 5.16
L -6.35
L -1.41
L -2.29
H 1.92
H 2.66
L -1.81
H 3.34
L -1.46
H 4.06
L -1.45
H 3.42
L -1.75
H 6.89
L -7.62
H 4.47
L -9.90
H 6.31
CONTOUR FROM -8.0000 TO 4.0000 CONTOUR INTERVAL OF 4.0000 PT(3,3)= 5.2879

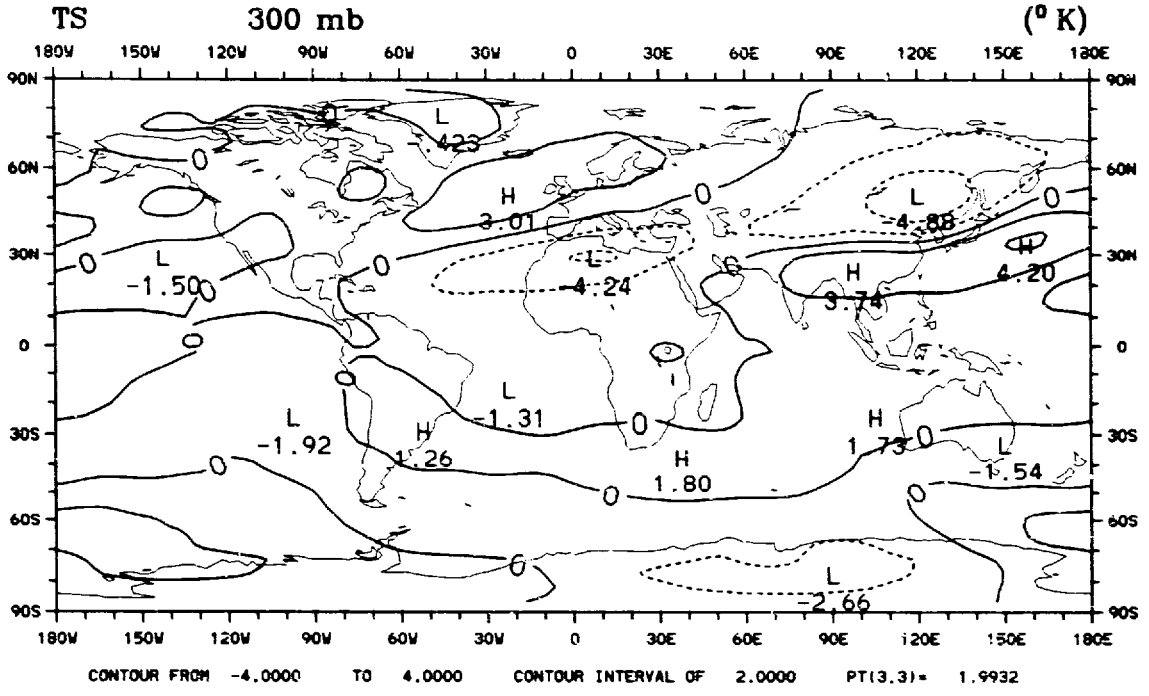
FRAME 2.44

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



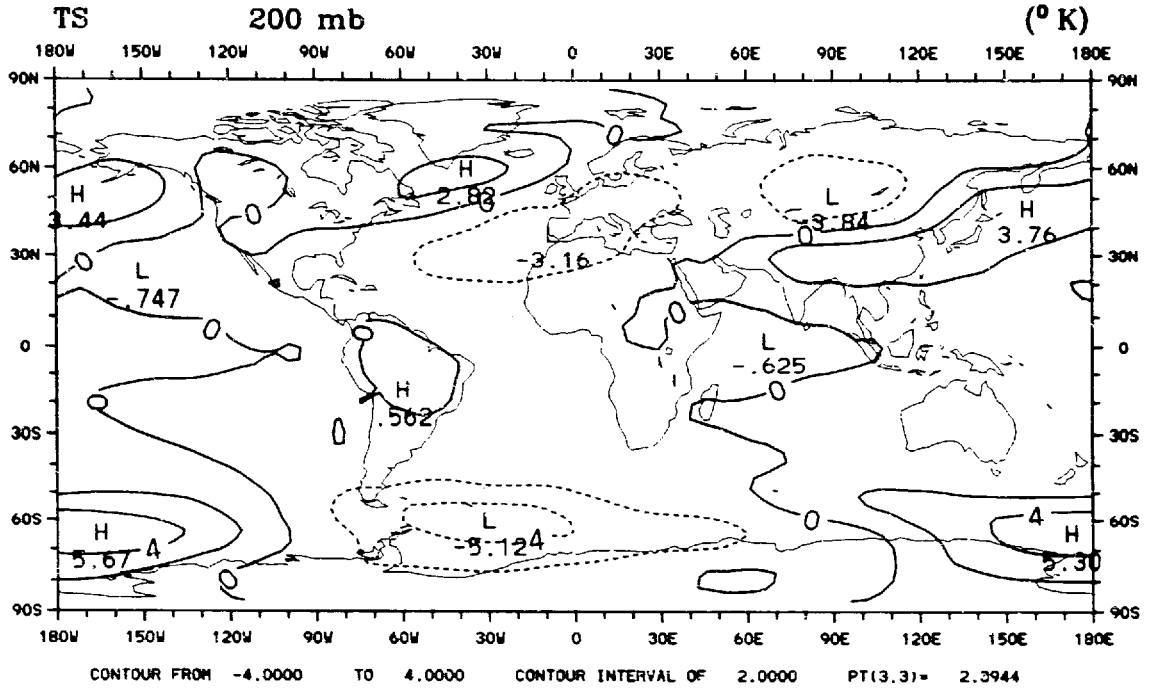

FRAME 2.45

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)



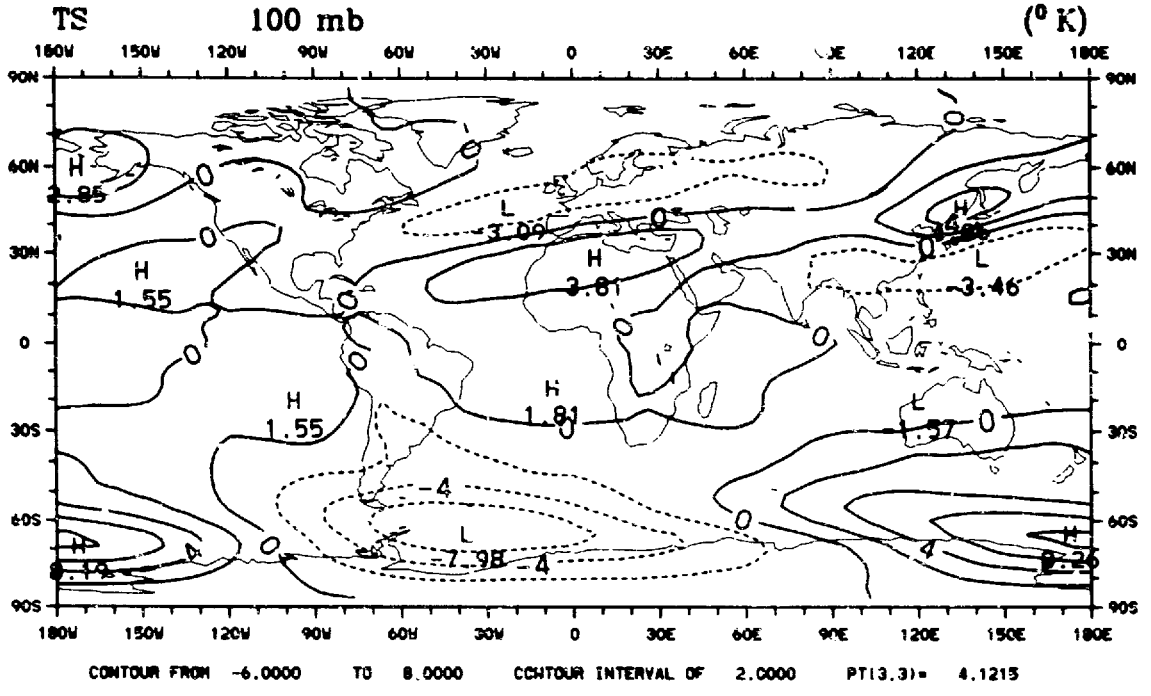

FRAME 2.46

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.47

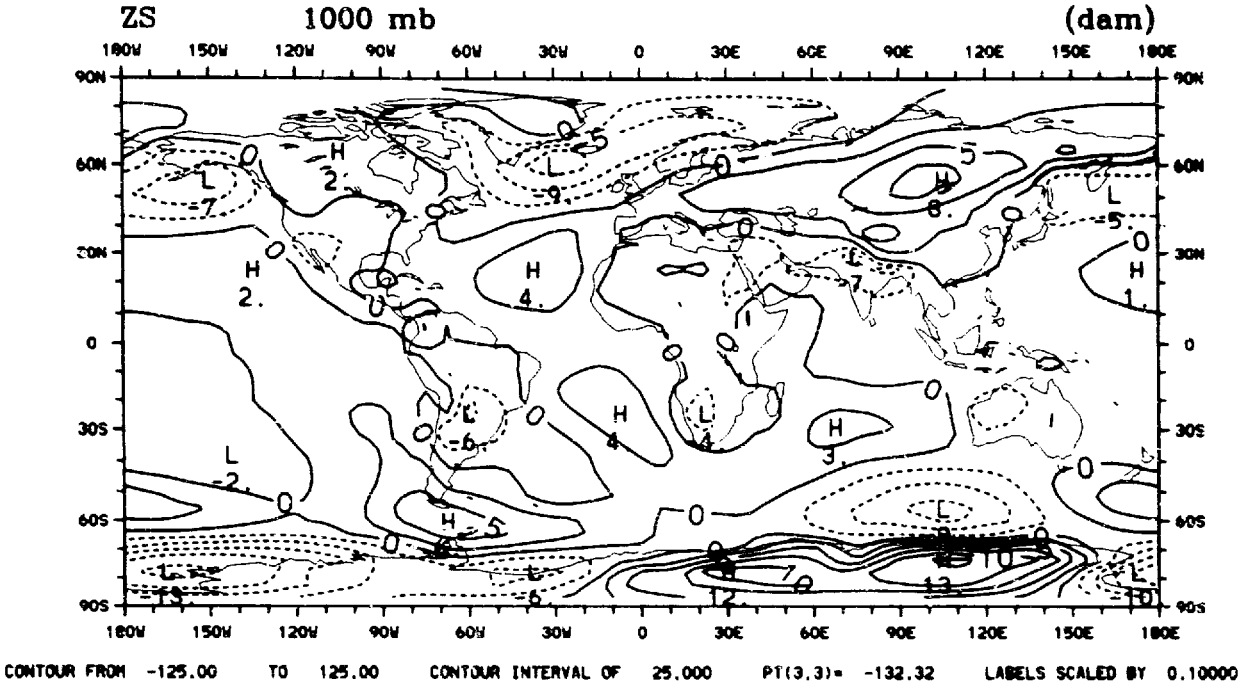
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -6.0000 TO 8.0000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 4.1215

FRAME 2.48

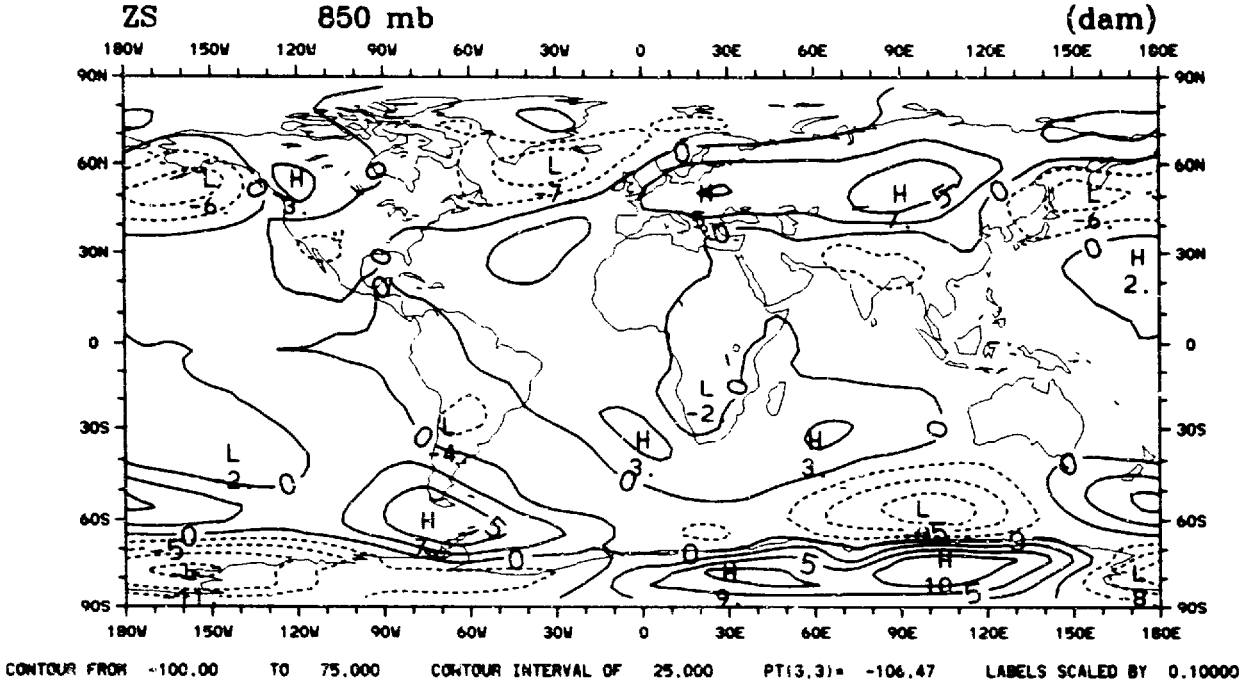
## EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -125.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -132.32 LABELS SCALED BY 0.10000

FRAME 2.49

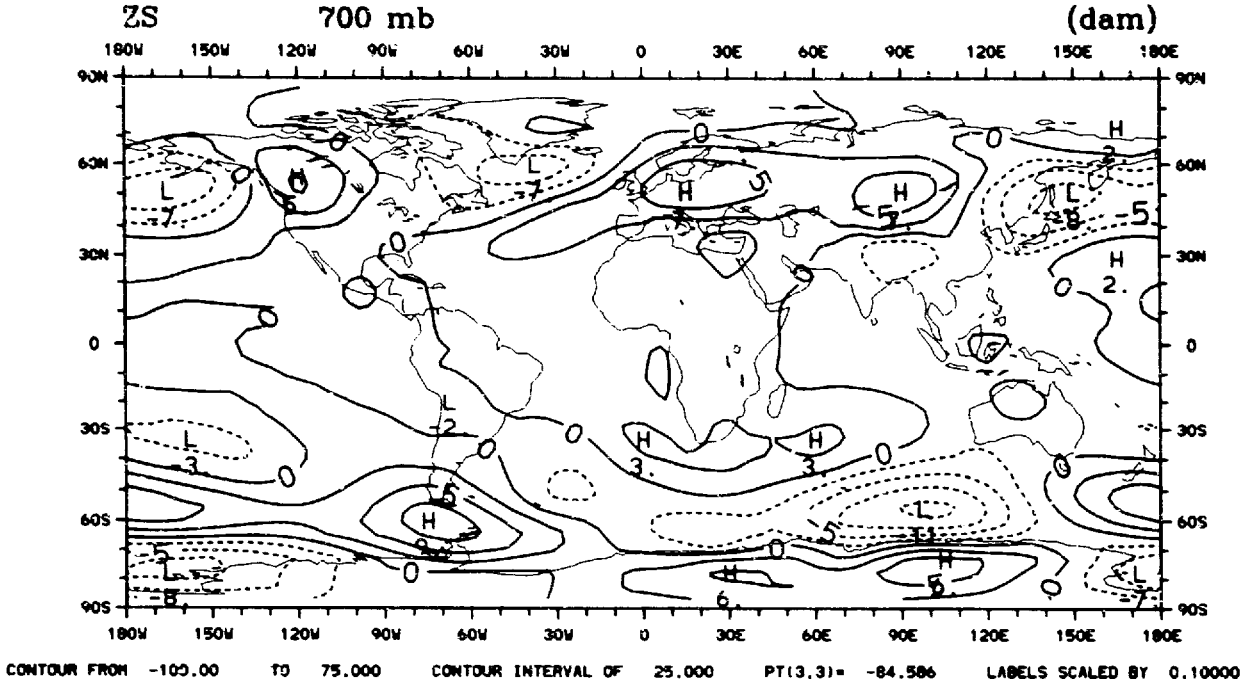
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -100.00 TO 75.000 CONTOUR INTERVAL OF 25.000 PT(3,3)= -106.47 LABELS SCALED BY 0.10000

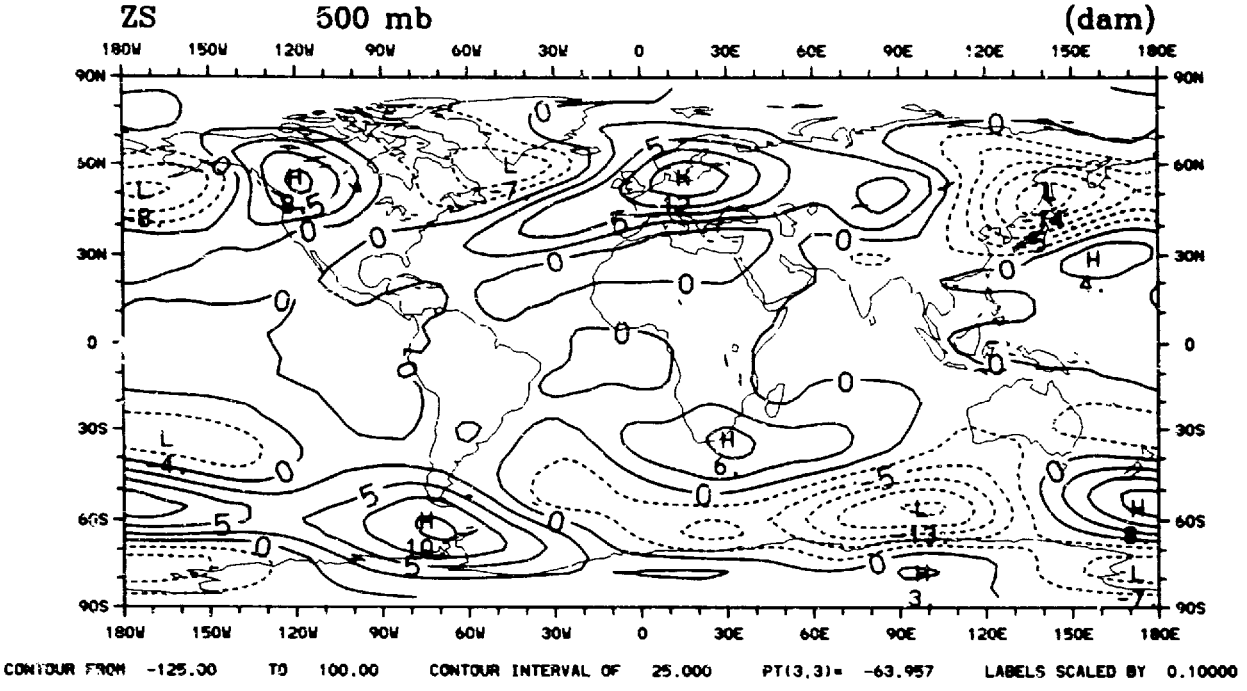
FRAME 2.50

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.51

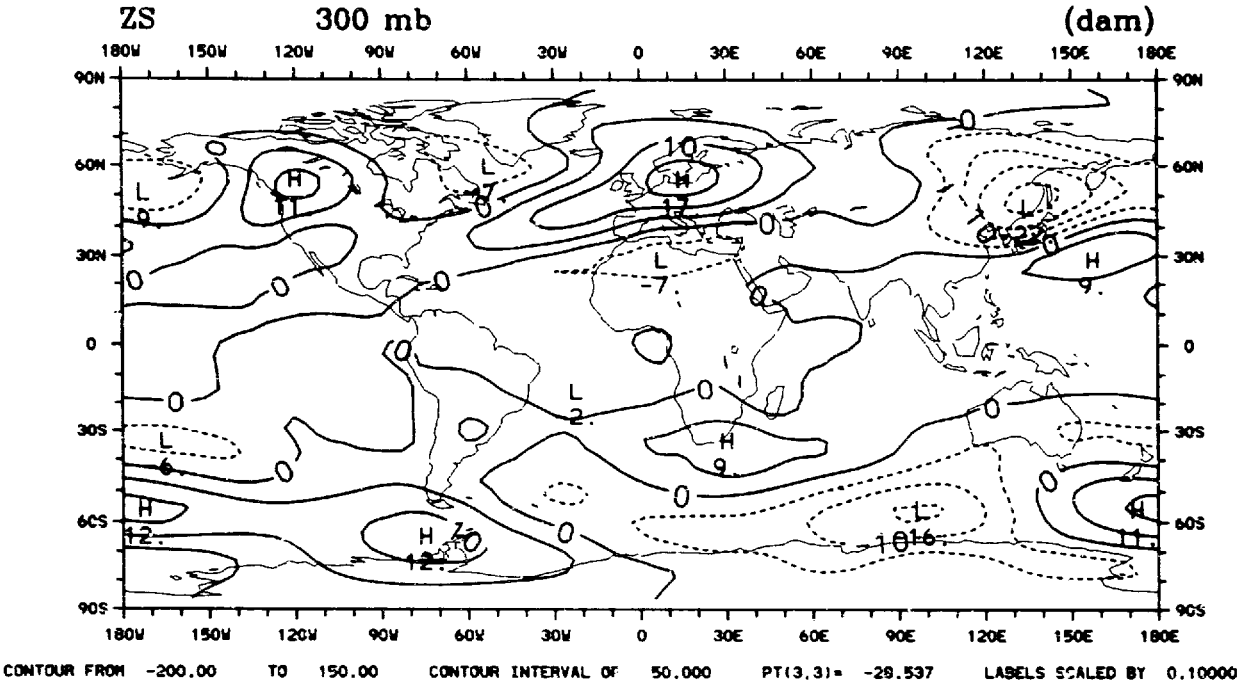
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -125.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -63.957 LABELS SCALED BY 0.10000

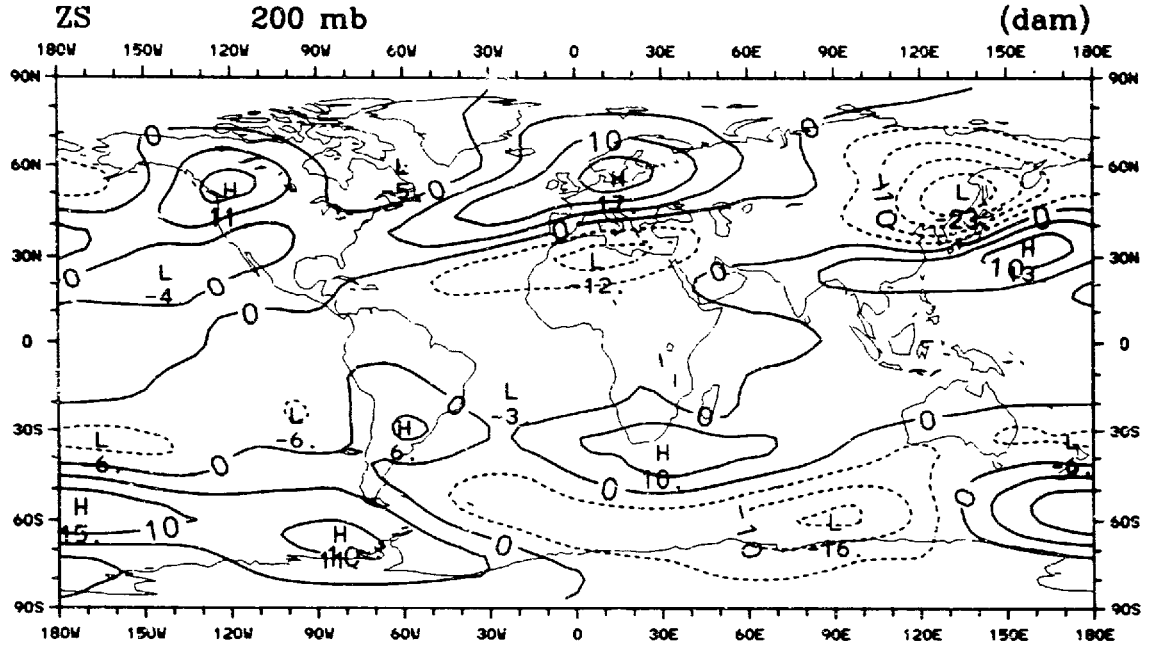
FRAME 2.52

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979--1986)




FRAME 2.53

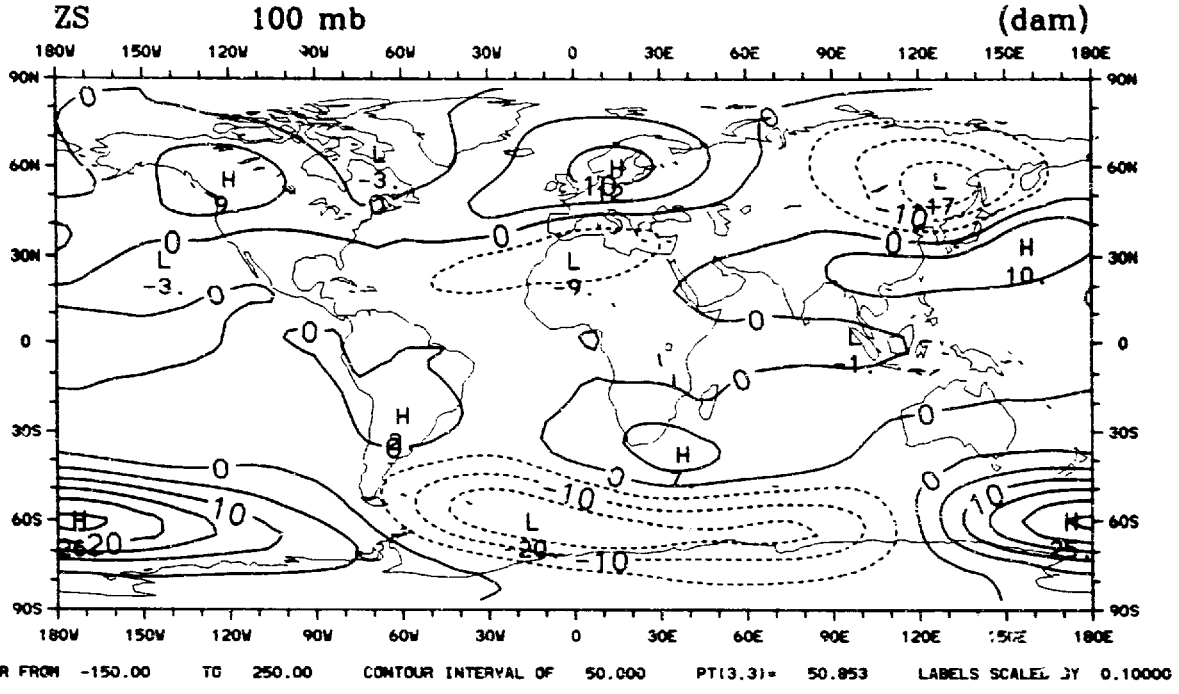
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -200.00 TO 150.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= -6.8297 LABELS SCALED BY 0.10000

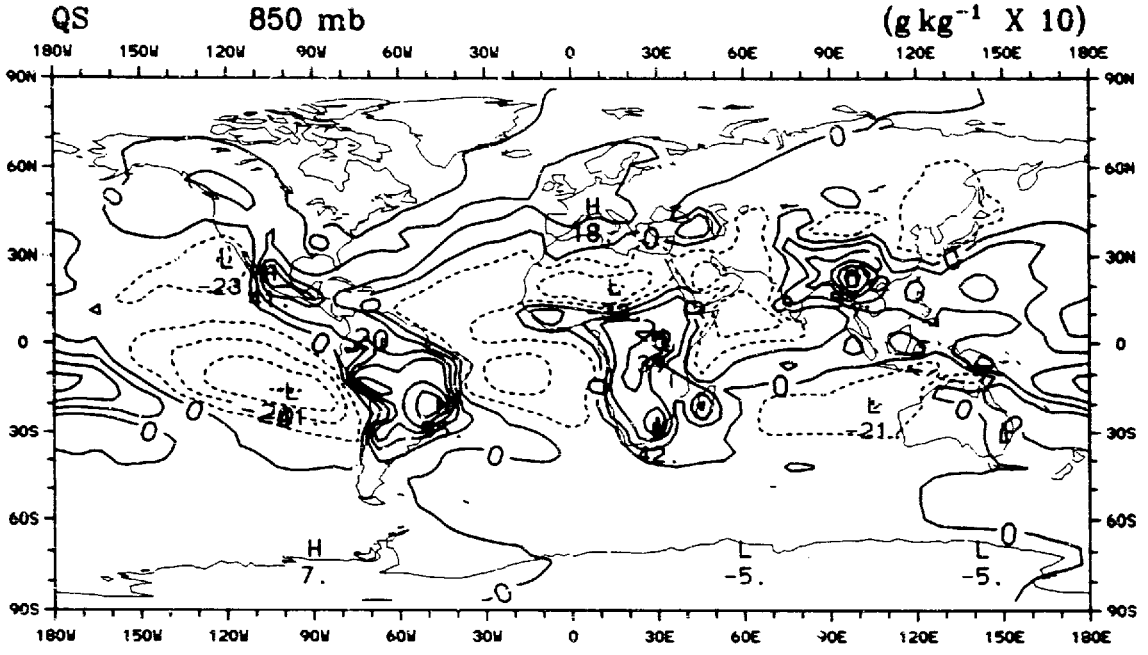
FRAME 2.54

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.55

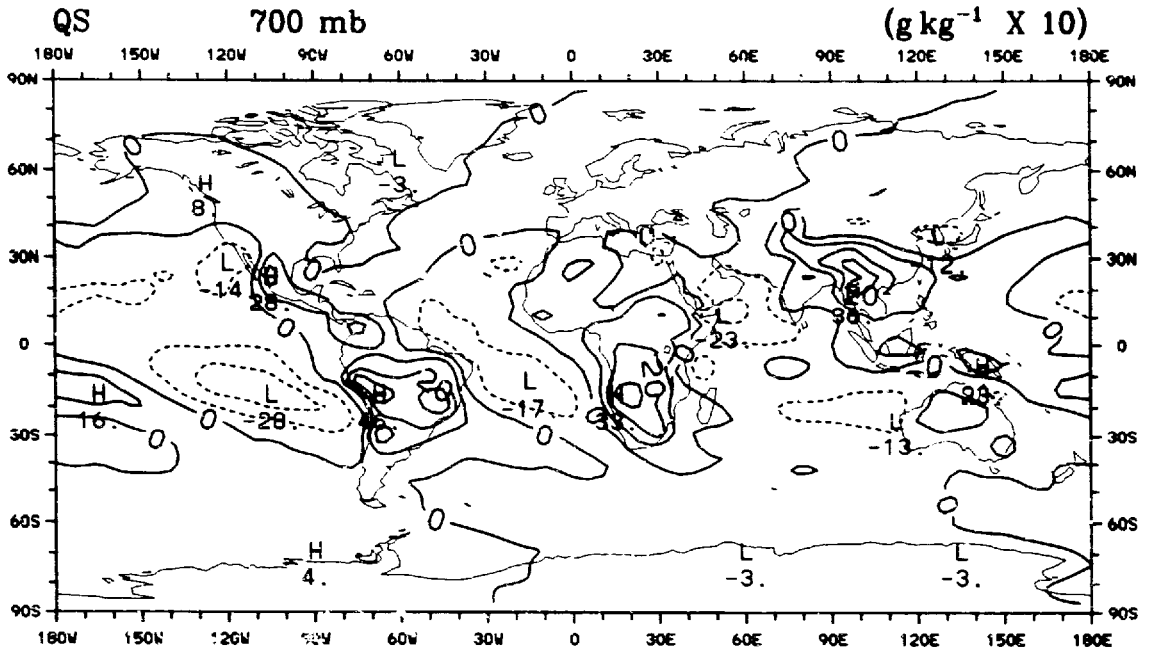
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.20289E-03 LABELS SCALED BY 10000.

FRAME 2.56

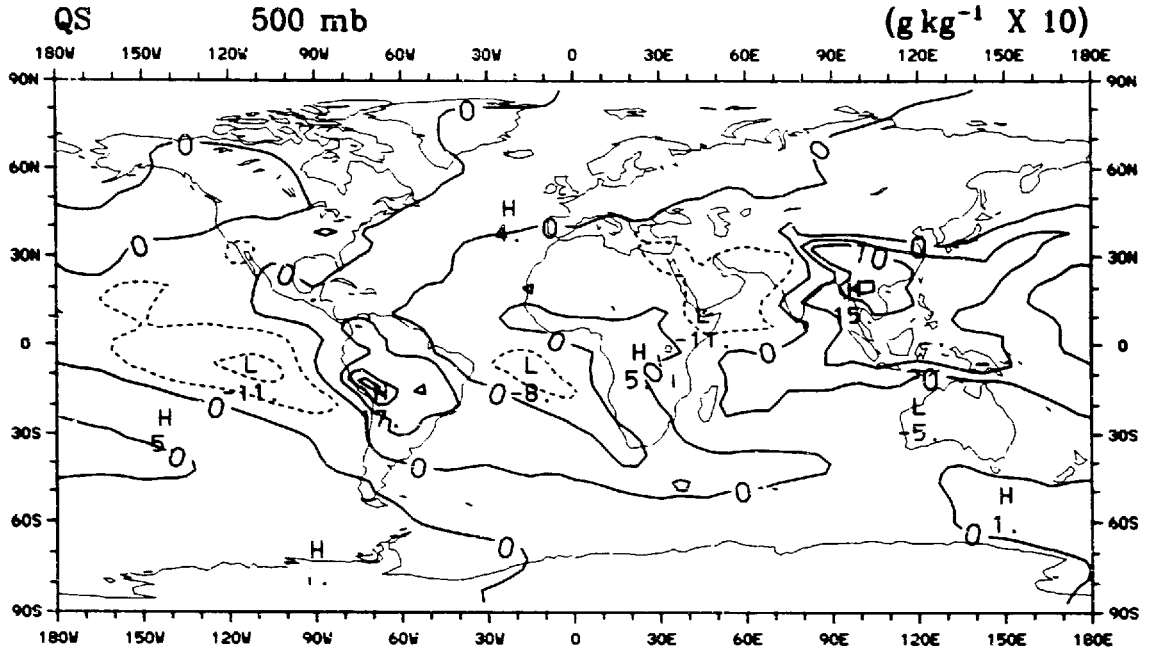
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.[illegible] CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.97227E-04 LABELS SCALED BY 10000.

FRAME 2.57

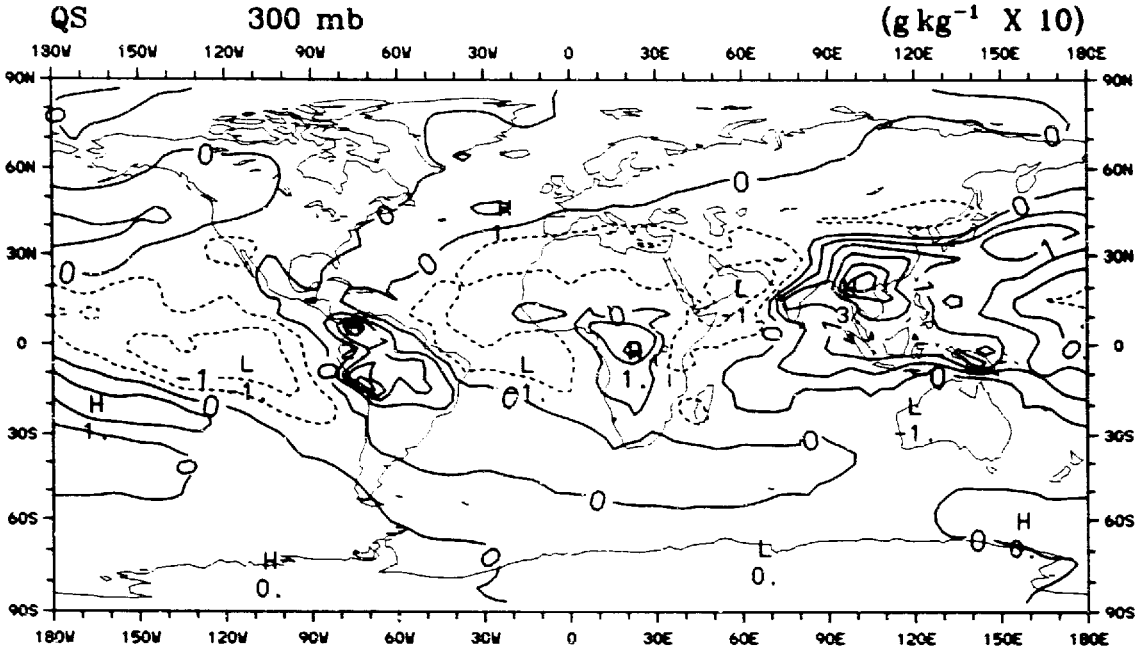
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.20598E-04 LABELS SCALED BY 10000.

FRAME 2.58

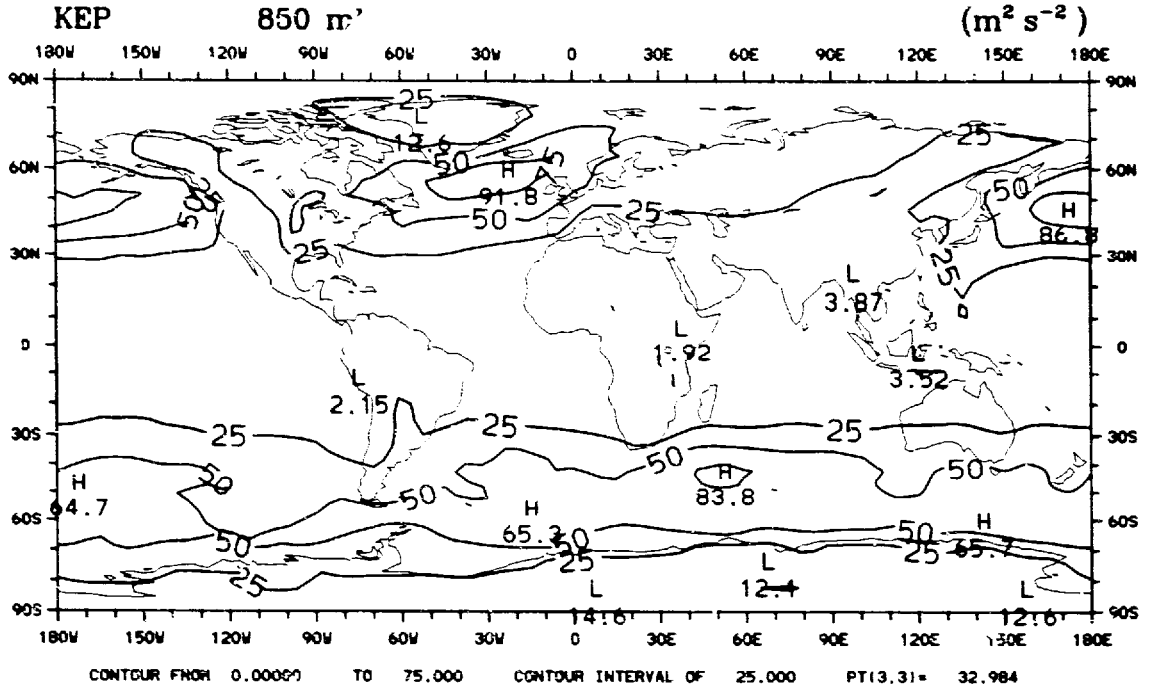
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)



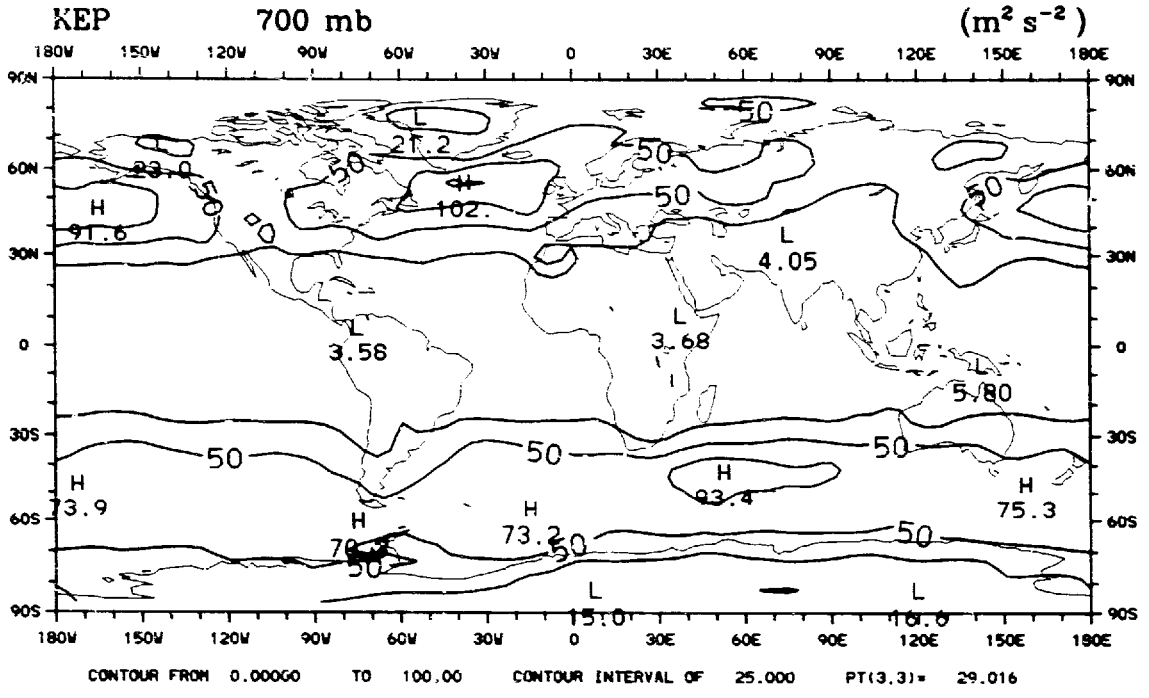

CONTOUR FROM -0.10000E-03 TO 0.25000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.24988E-05 LABELS SCALED BY 10000.

FRAME 2.59

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

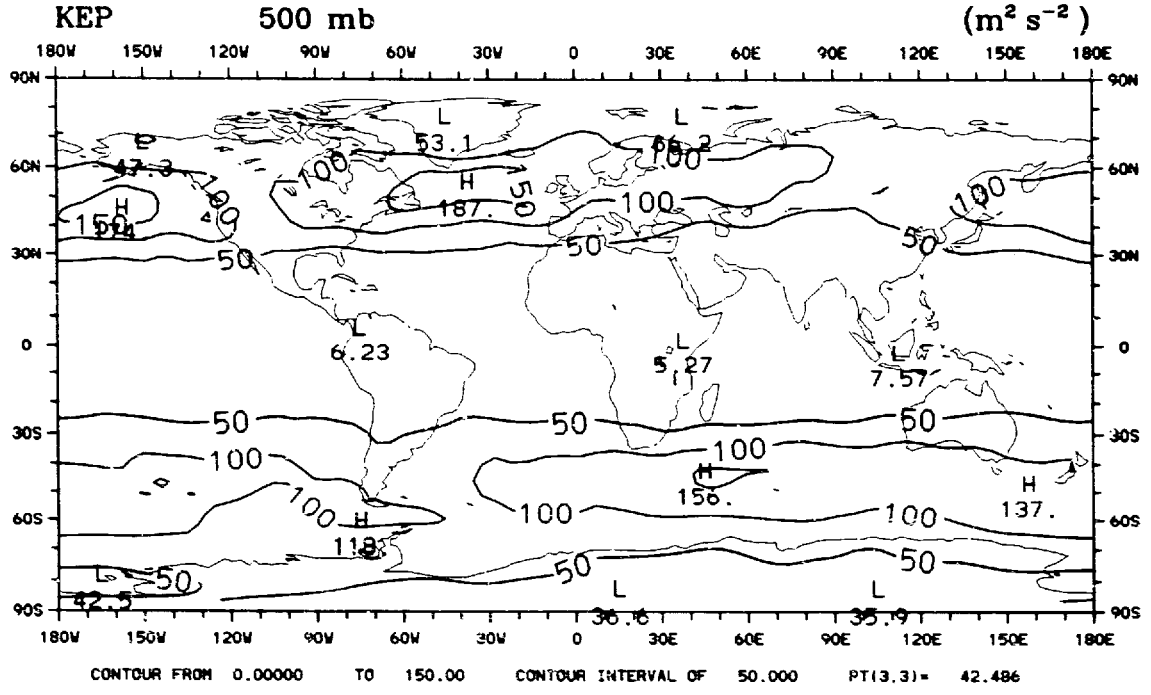



FRAME 2.60

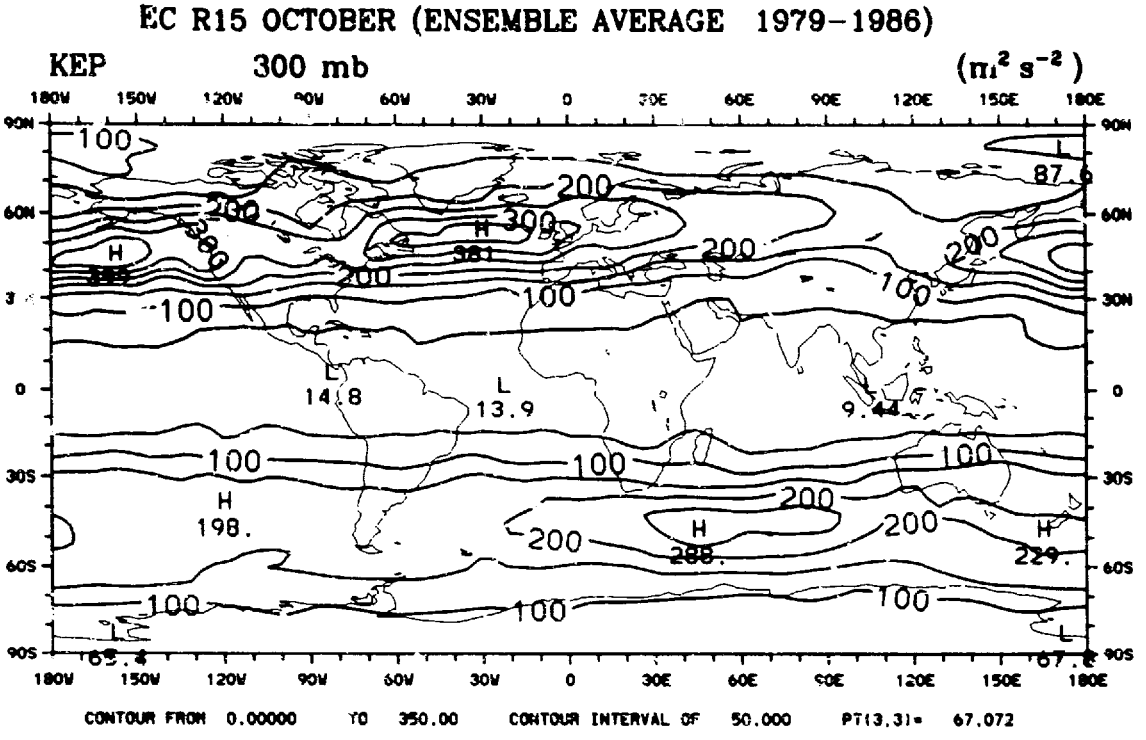

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
KEP
700 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
50
L
21.2
102.
H
91.6
L
4.05
L
3.58
L
3.68
L
5.80
H
73.9
H
93.4
H
75.3
H
73.2
L
15.0
L
16.6
CONTOUR FROM 0.00000 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= 29.016

FRAME 2.61

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

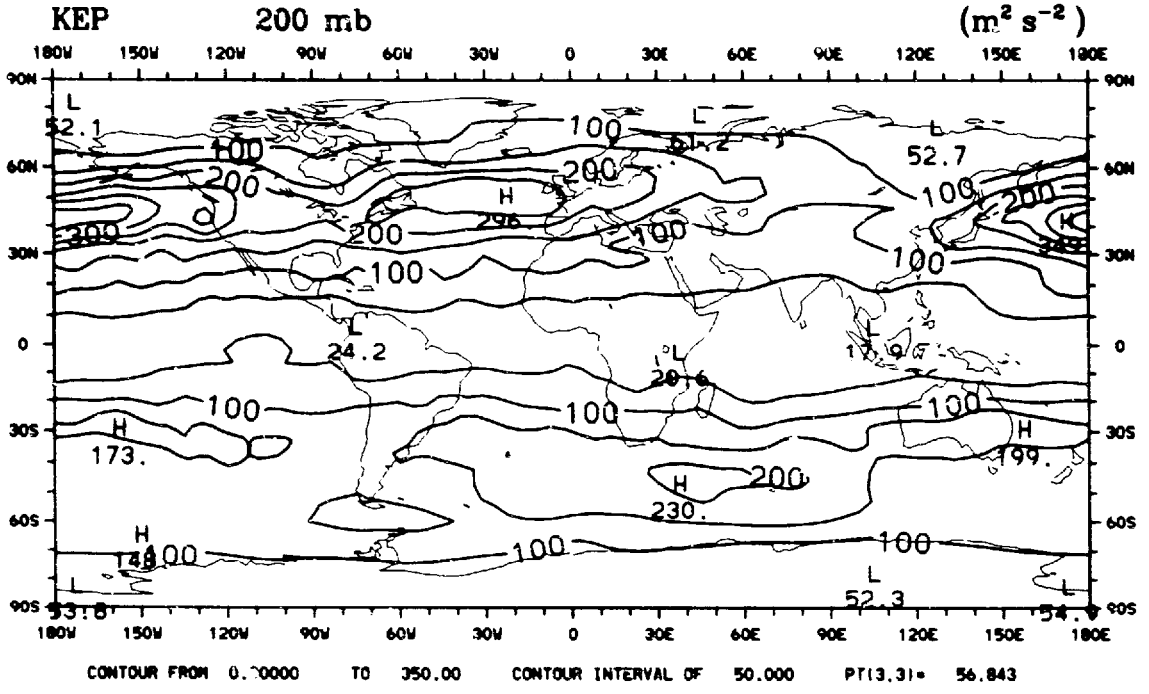



FRAME 2.62


EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)
KEP
300 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
100
200
300
H
381
L
87.6
14.8
13.9
9.44
198.
288.
229.
65.4
67.2
CONTOUR FROM 0.00000 TO 350.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 67.072

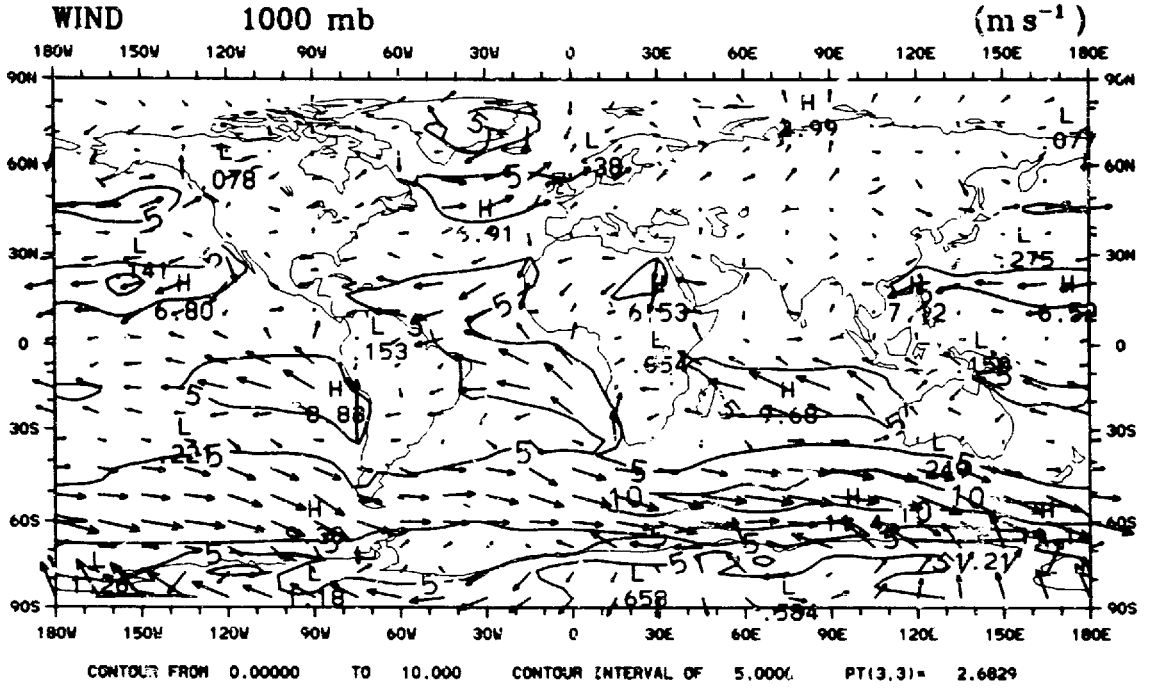
FRAME 2.63

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

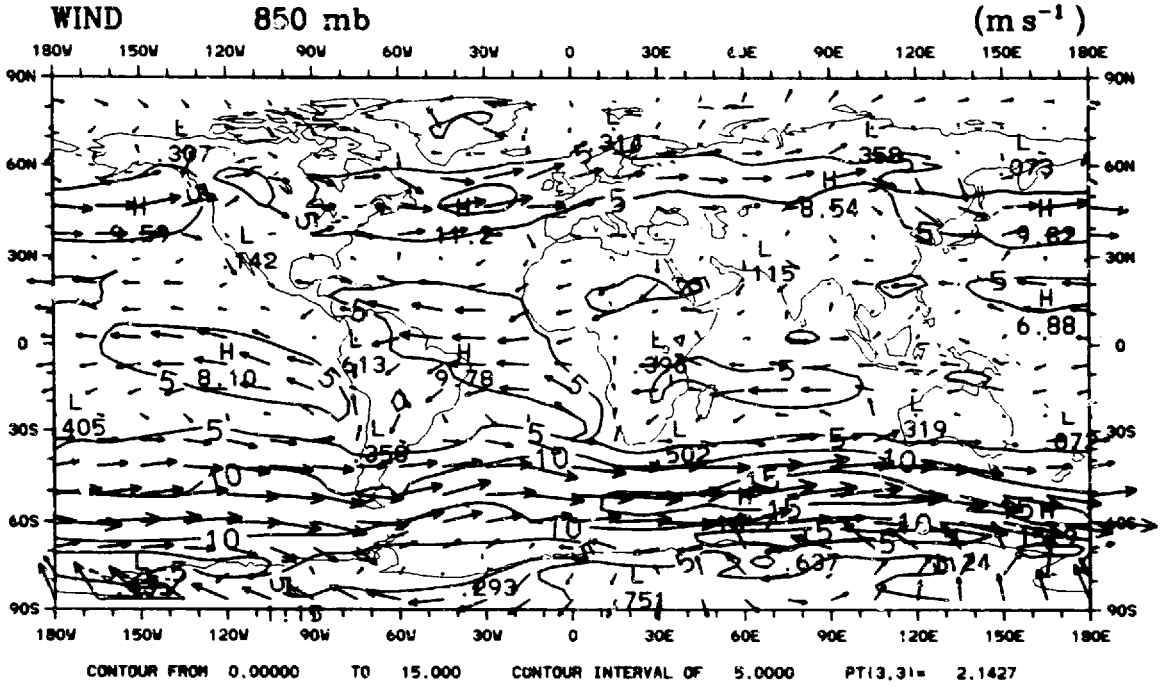
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

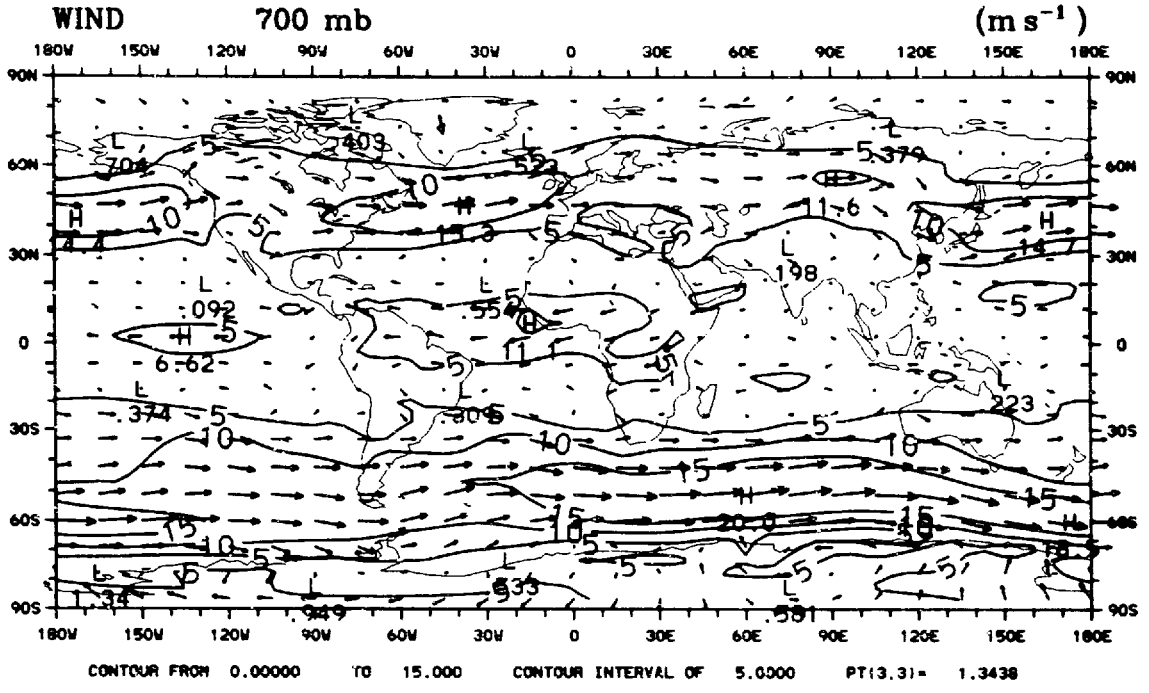
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.66

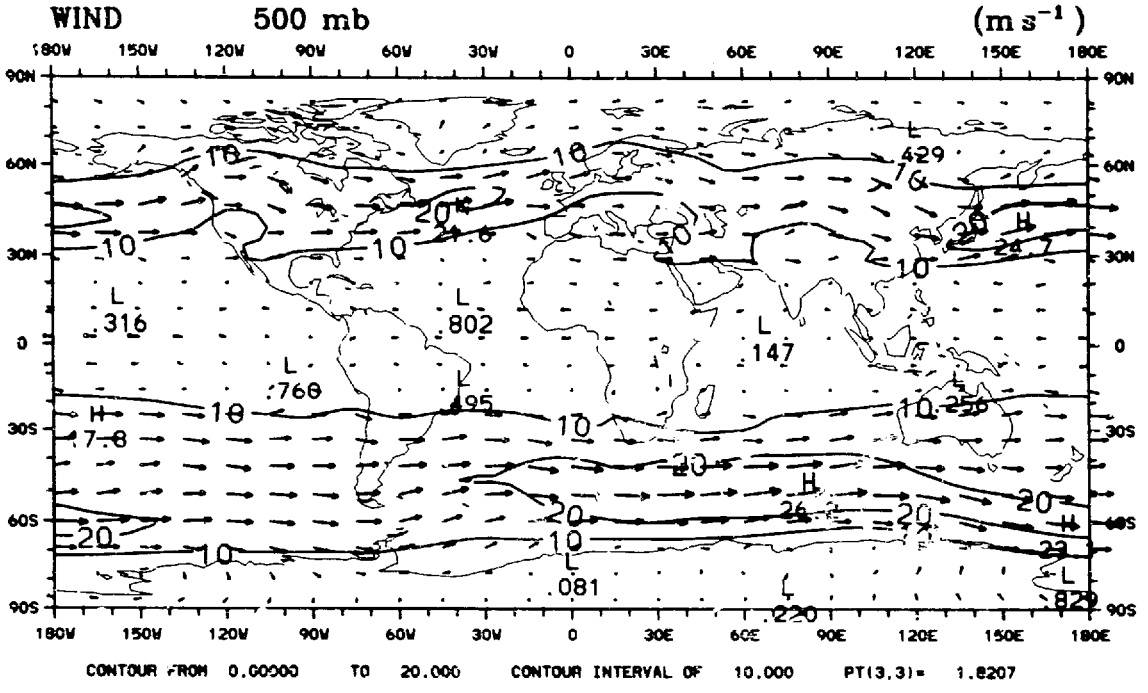
## EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.200E+02 →
SCALING VECTOR

FRAME 2.67

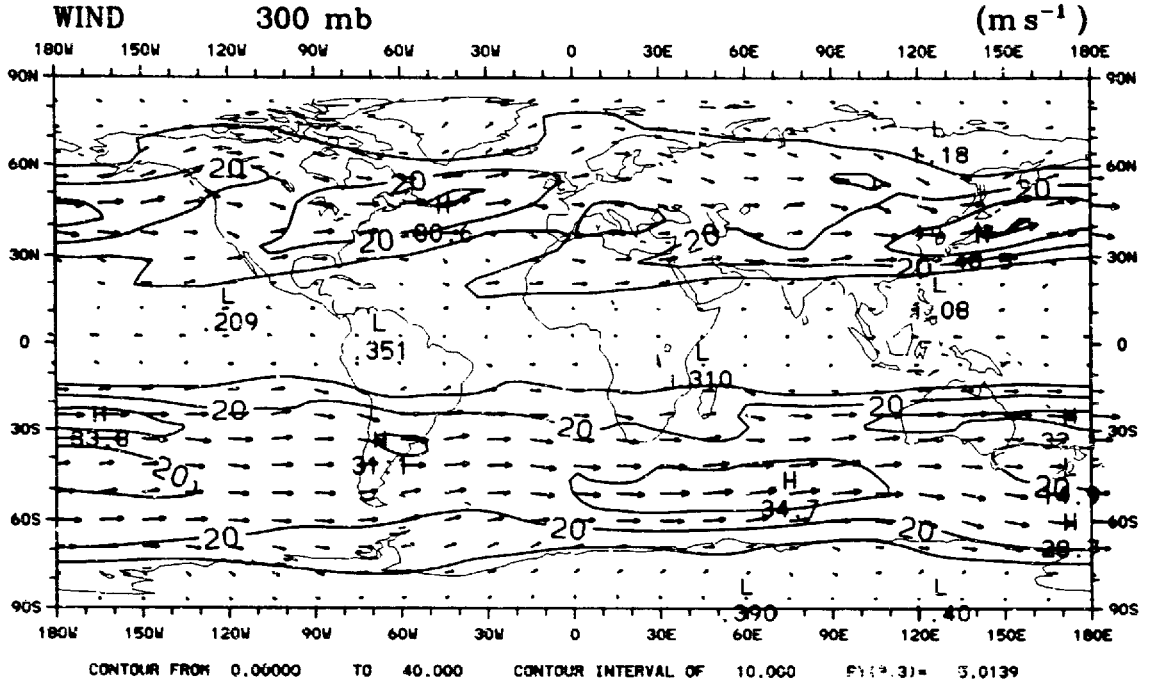
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.300E+02 →
SCALING VECTOR

FRAME 2.68

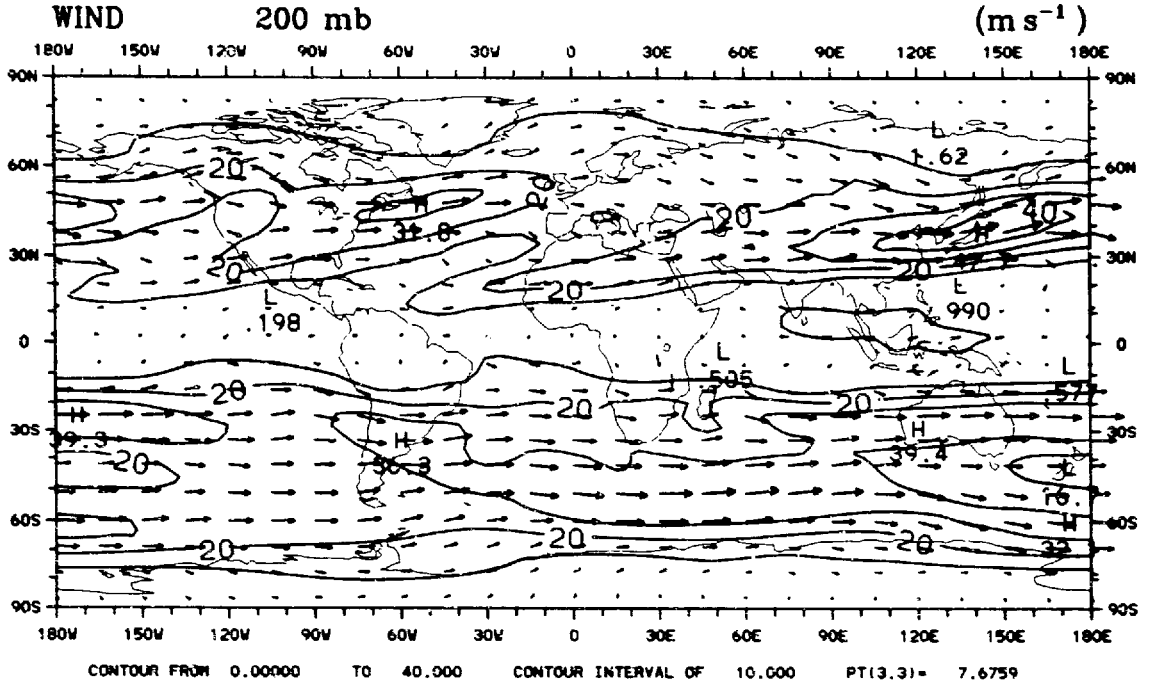
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.69

0.500E+02 →
SCALING VECTOR

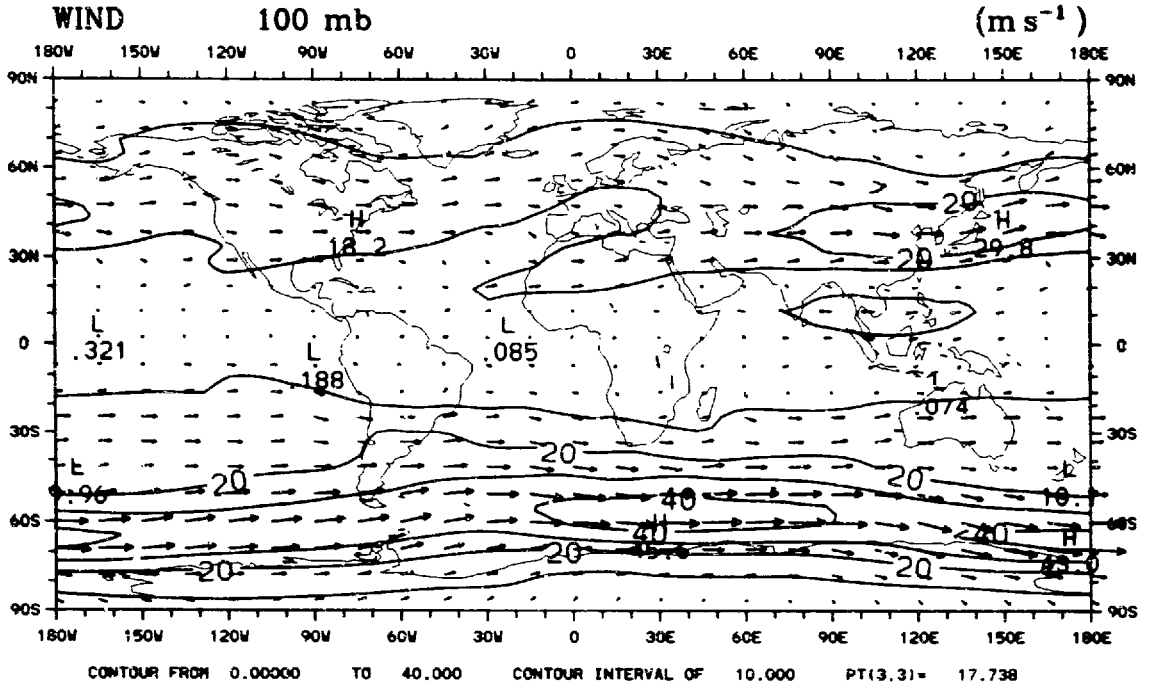
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.70

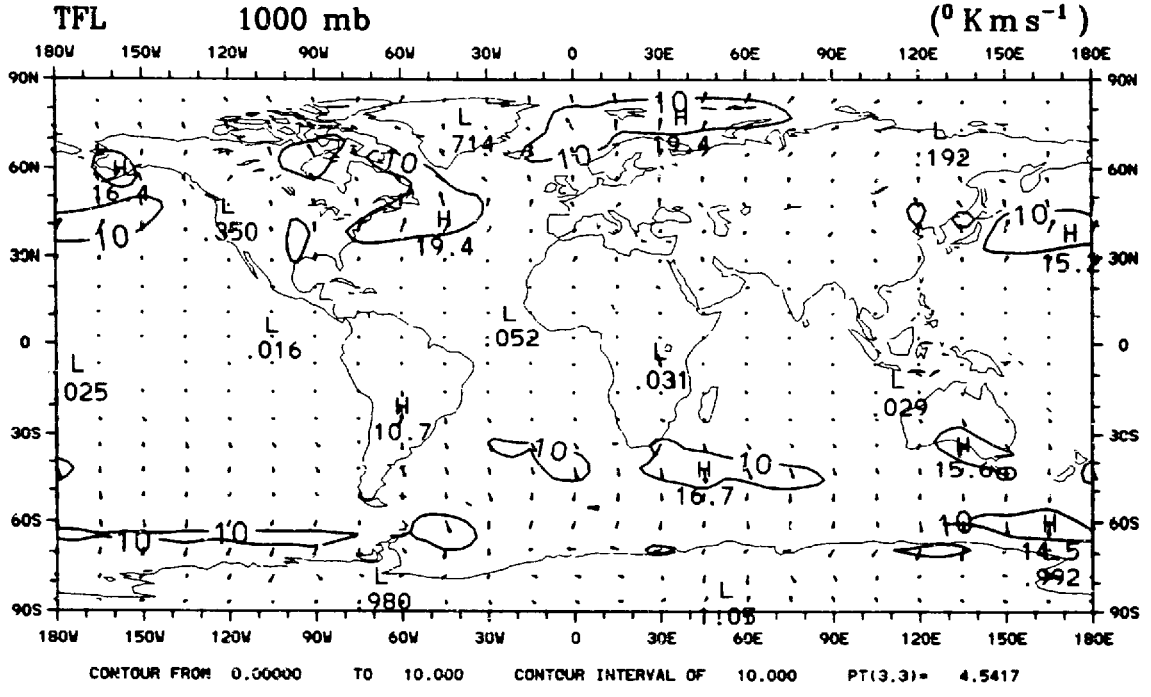
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

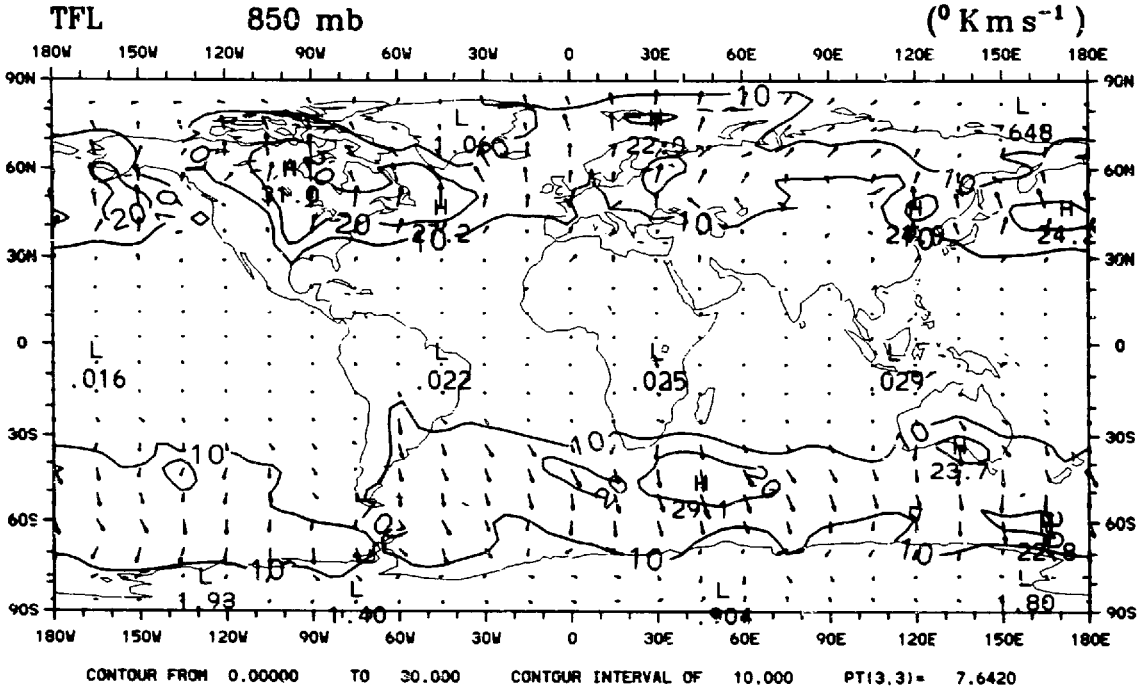
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

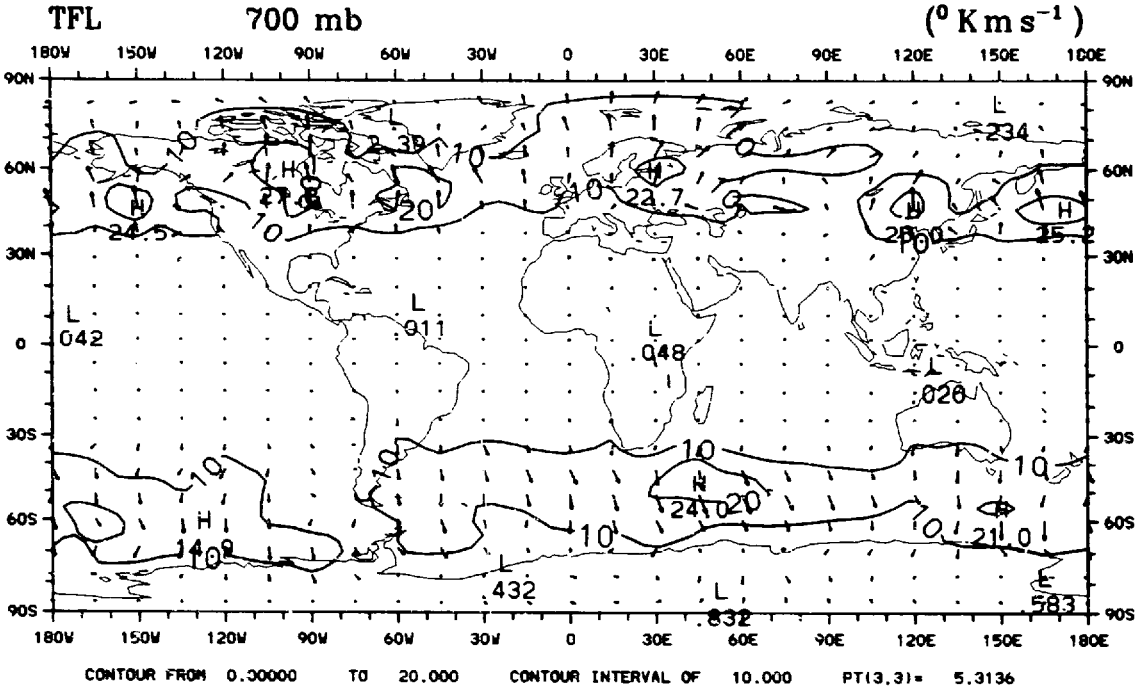
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

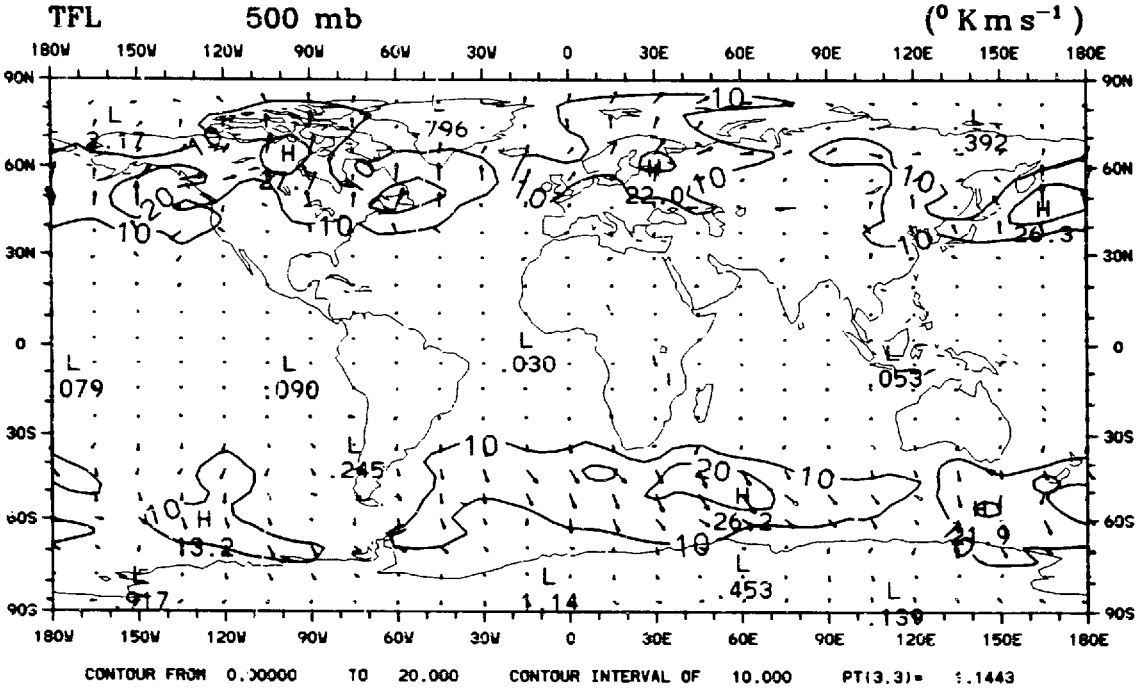
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.74

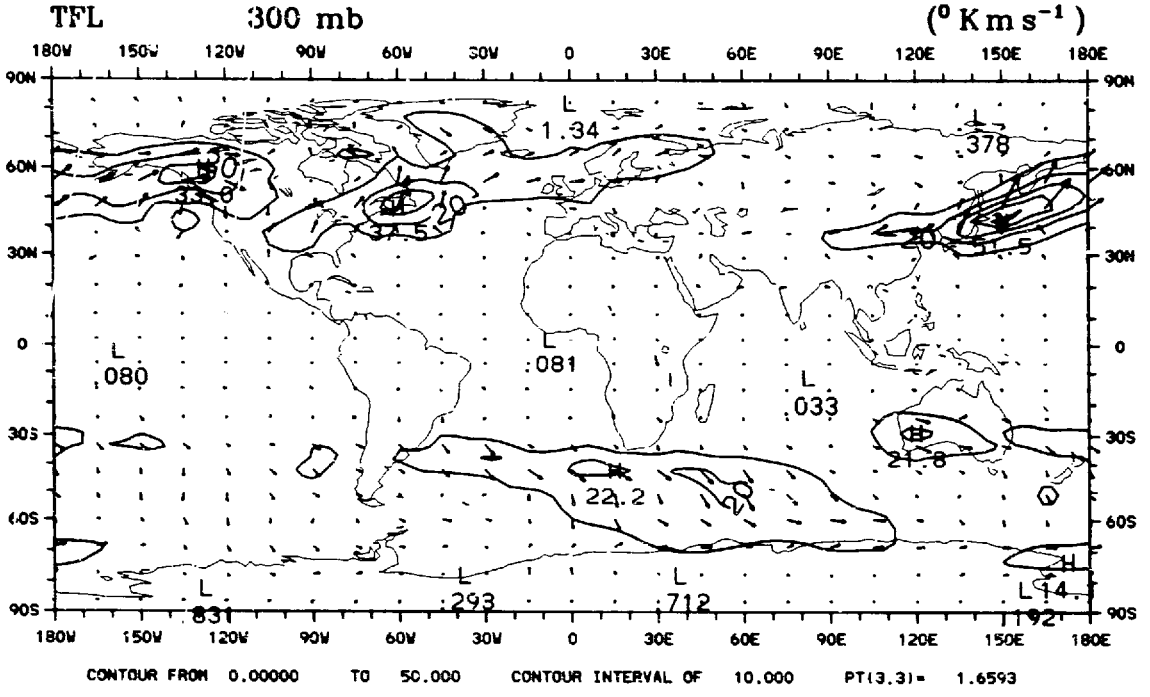
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.75

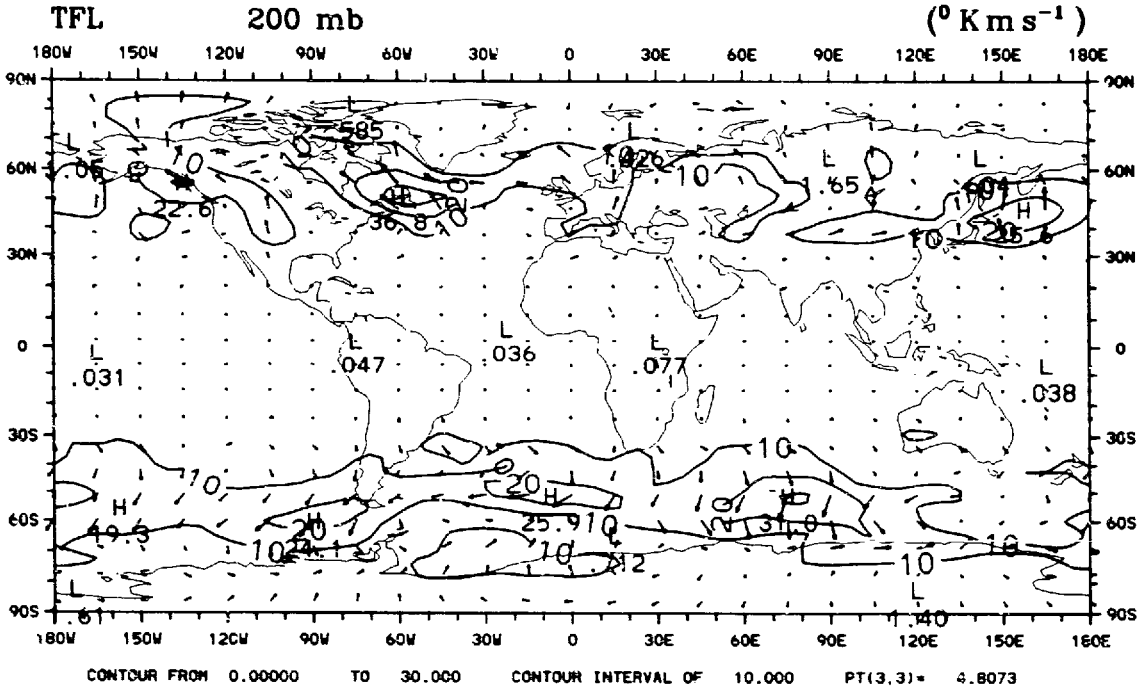
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.76

0.500E+02 →
SCALING VECTOR

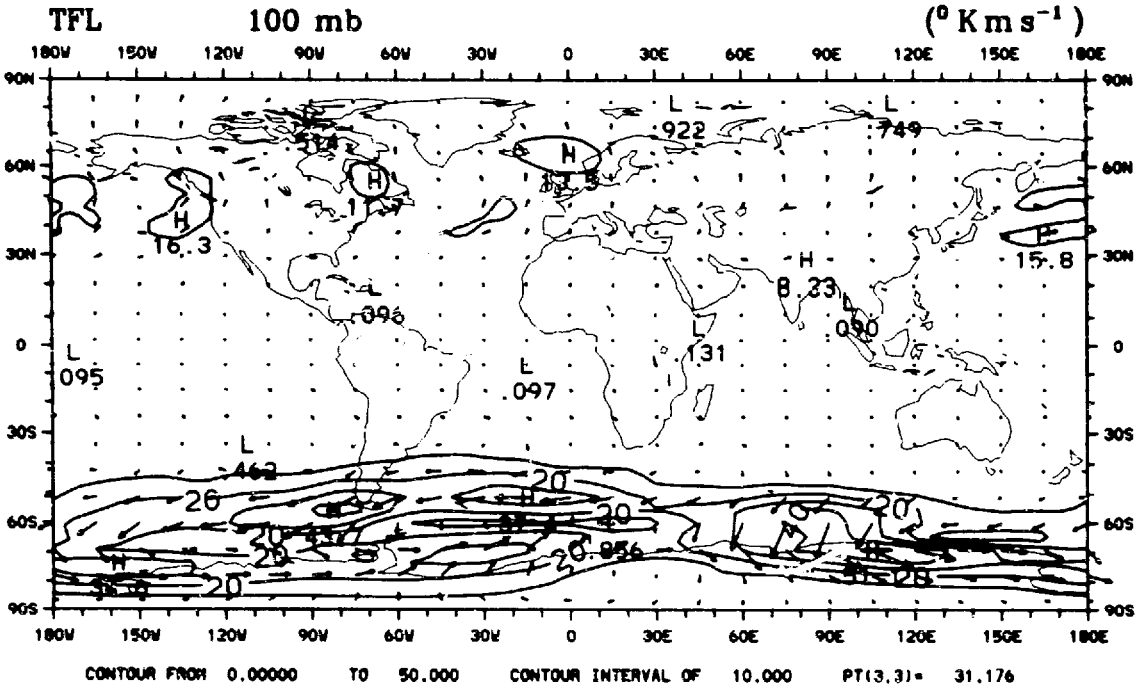
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

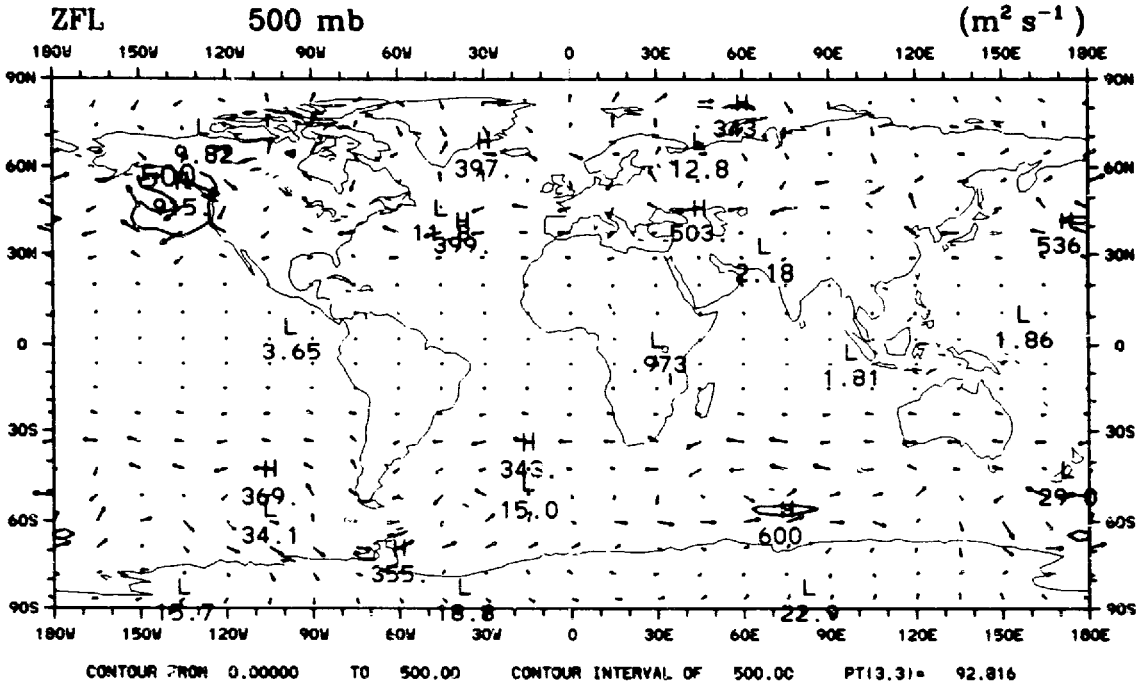
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.78

0.500E+02 ⟶
SCALING VECTOR

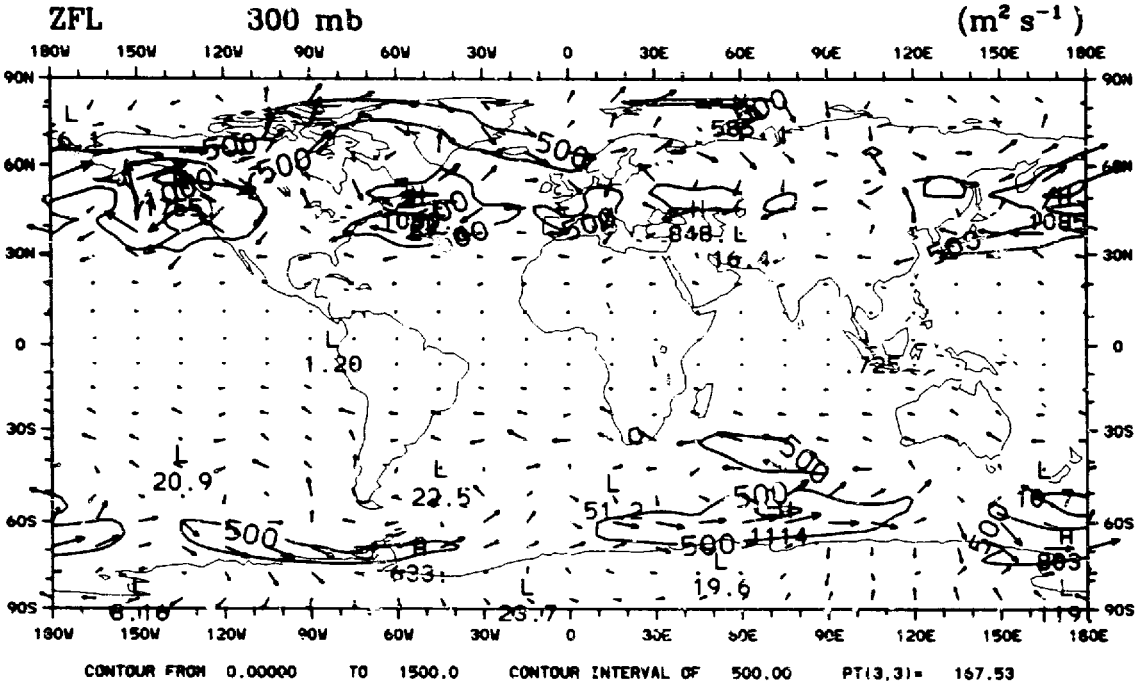
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.79

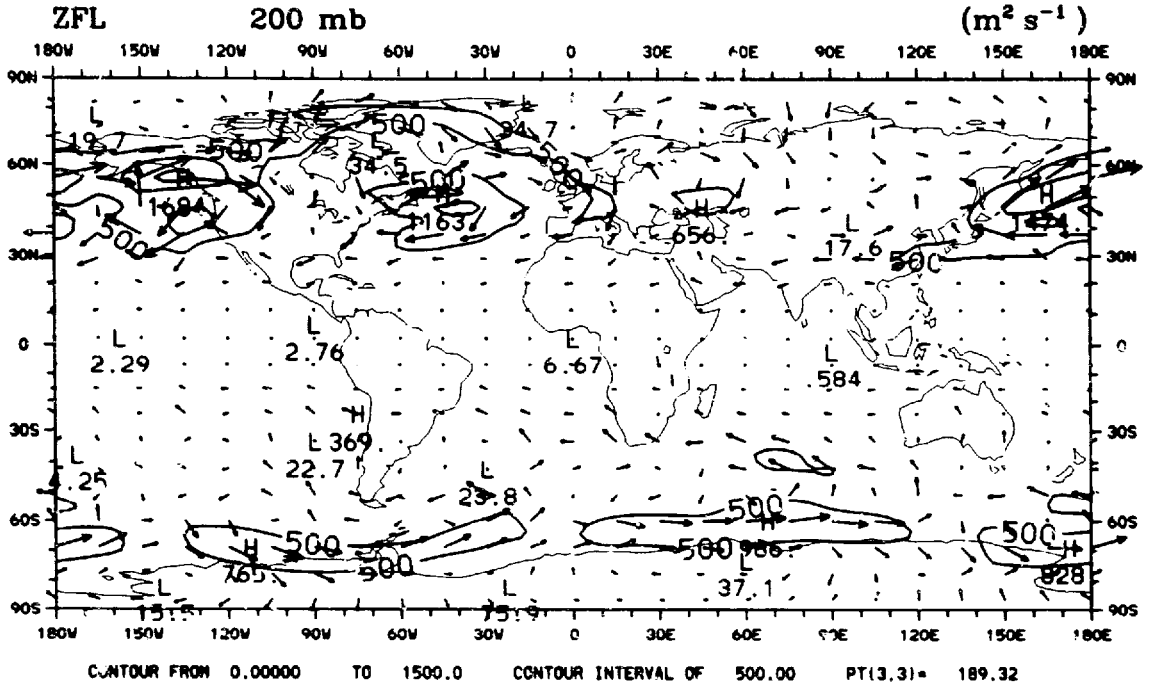
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.80

0.100E+04 →
SCALING VECTOR

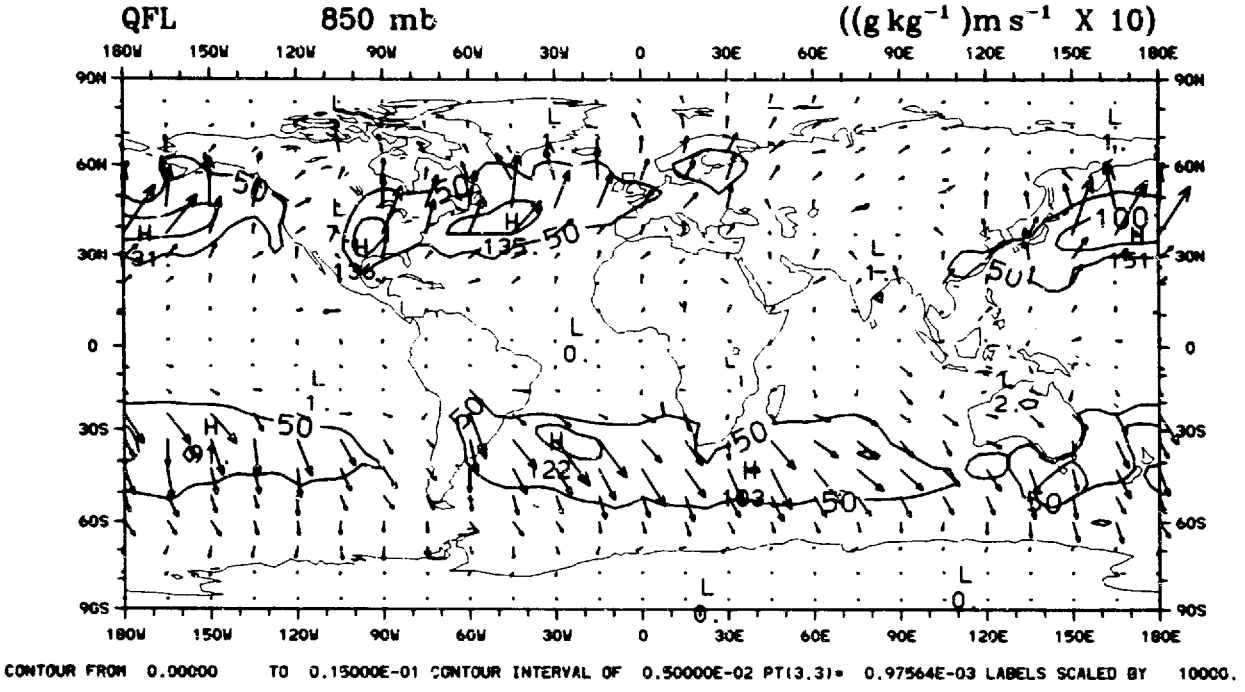
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1983)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

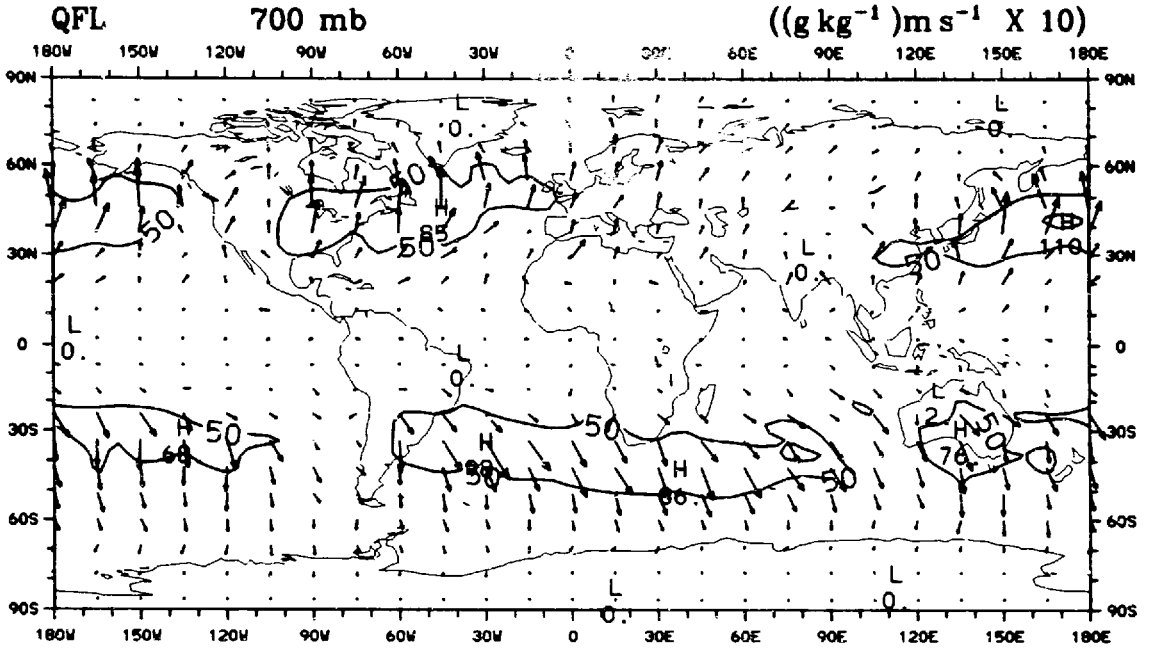
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




0.100E-01 ⟶
SCALING VECTOR

FRAME 2.82

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

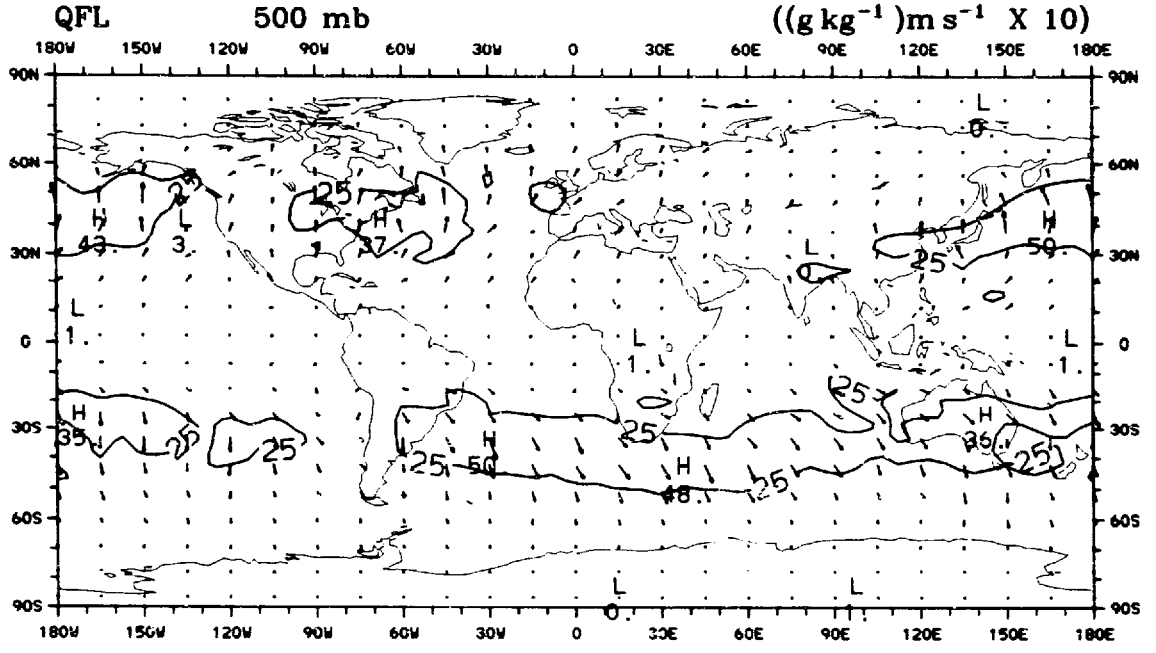



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.67791E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.83

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

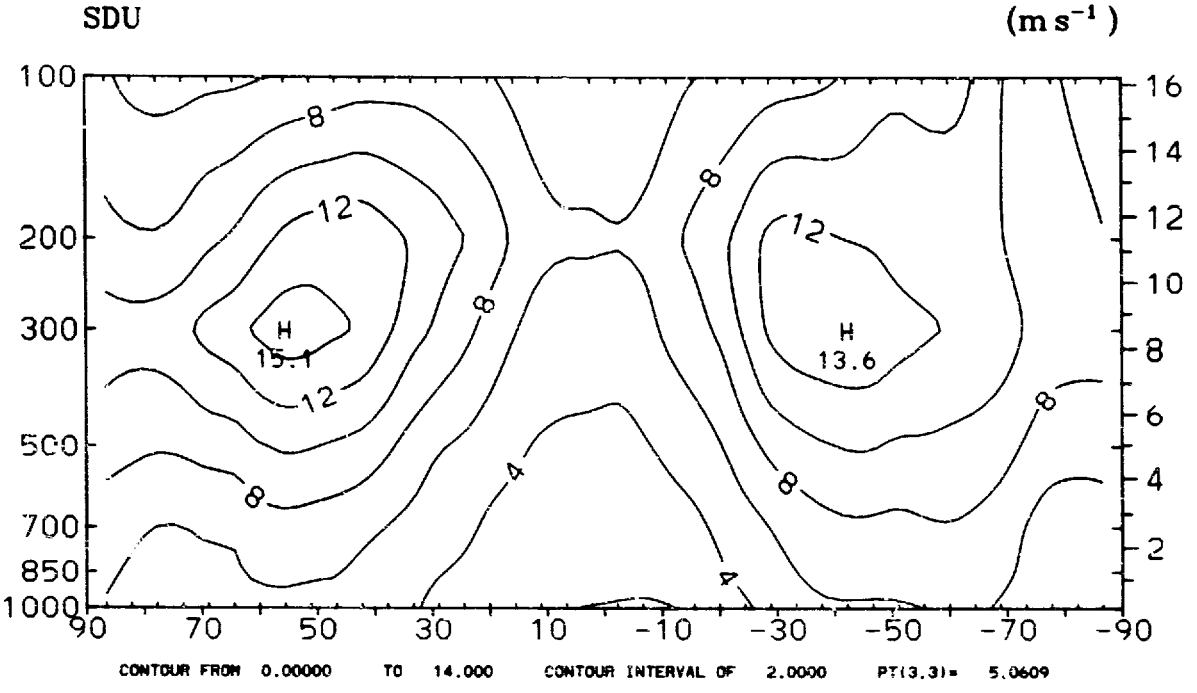



CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.18903E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.84

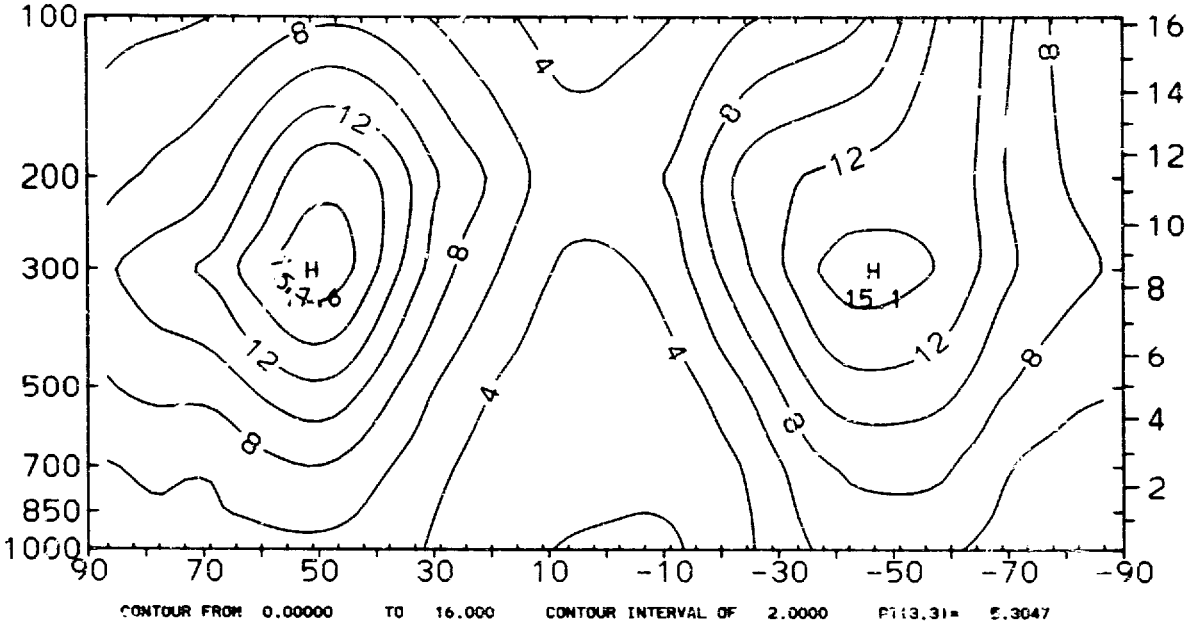
EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.85

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

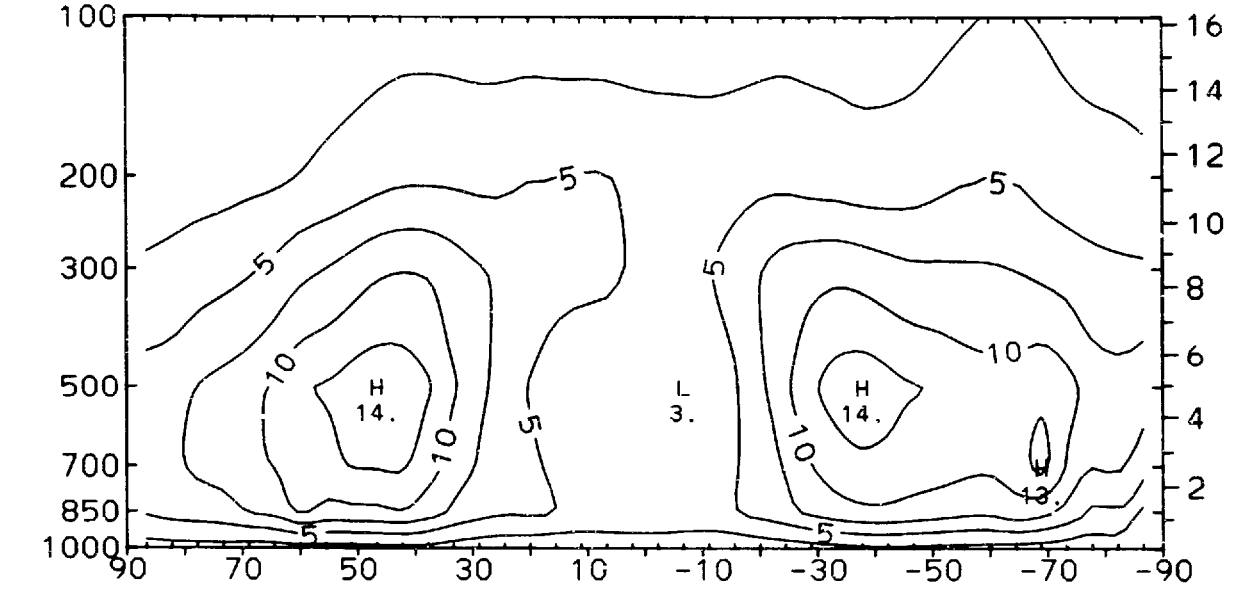
SDV (m s$^{-1}$)




FRAME 2.86

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

SDW (mb $s^{-1}$ X $10^4$)

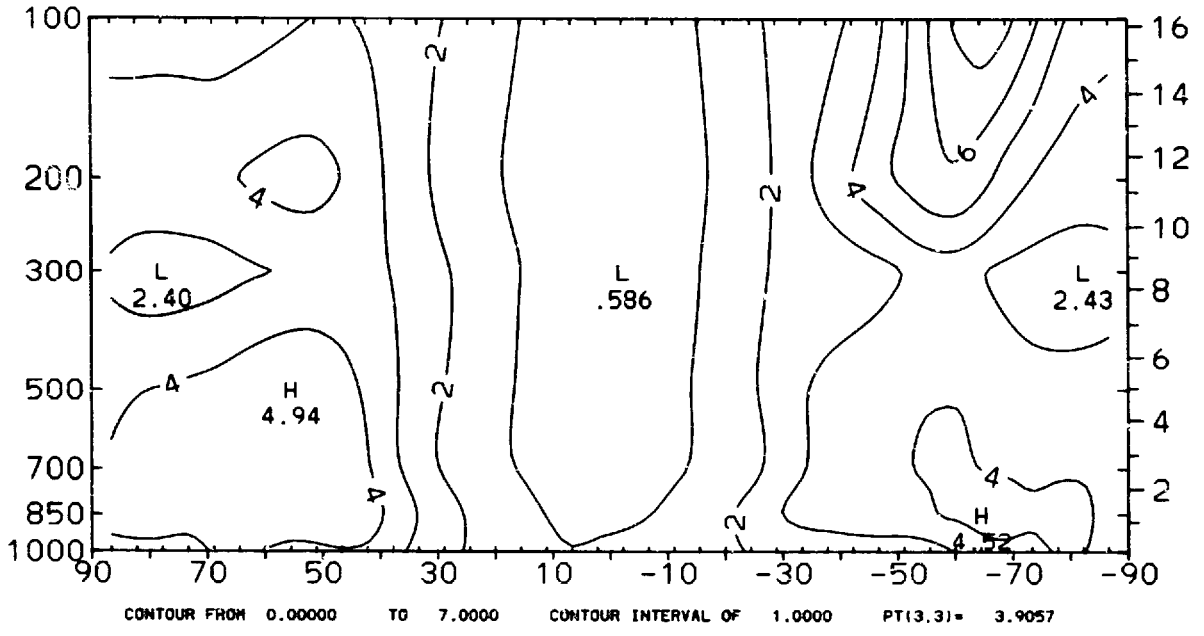



CONTOUR FROM 0.00000 TO 0.12500 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.75270E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

SDT ($^0$ K)

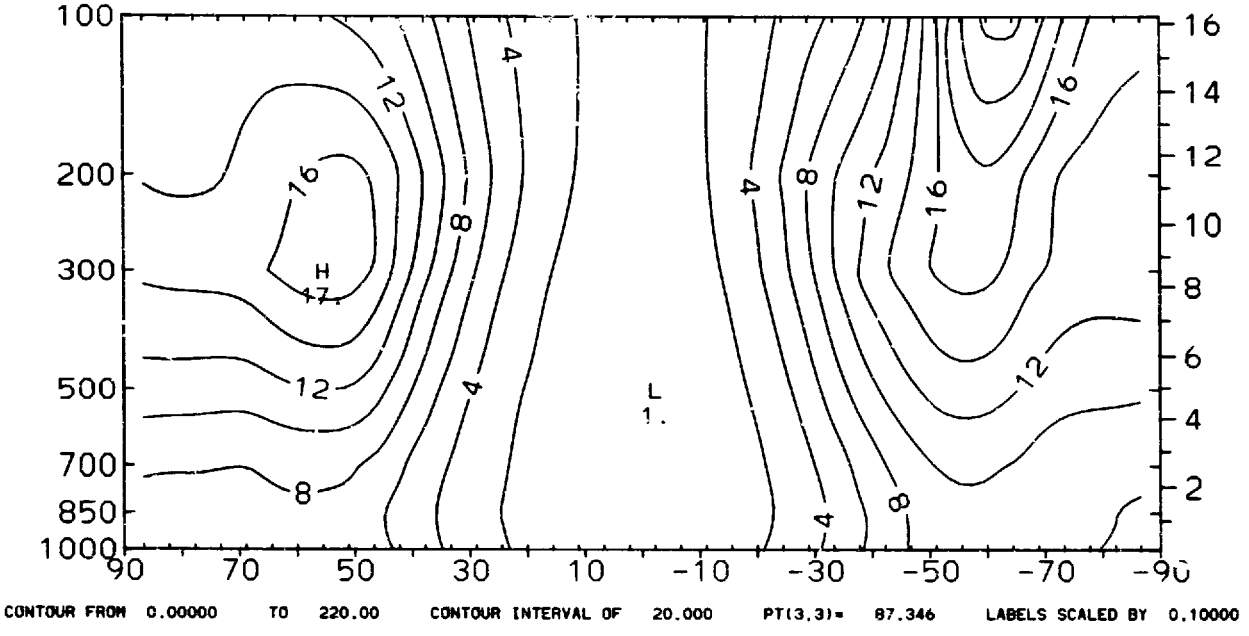



CONTOUR FROM 0.00000 TO 7.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 3.9057

FRAME 2.88

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

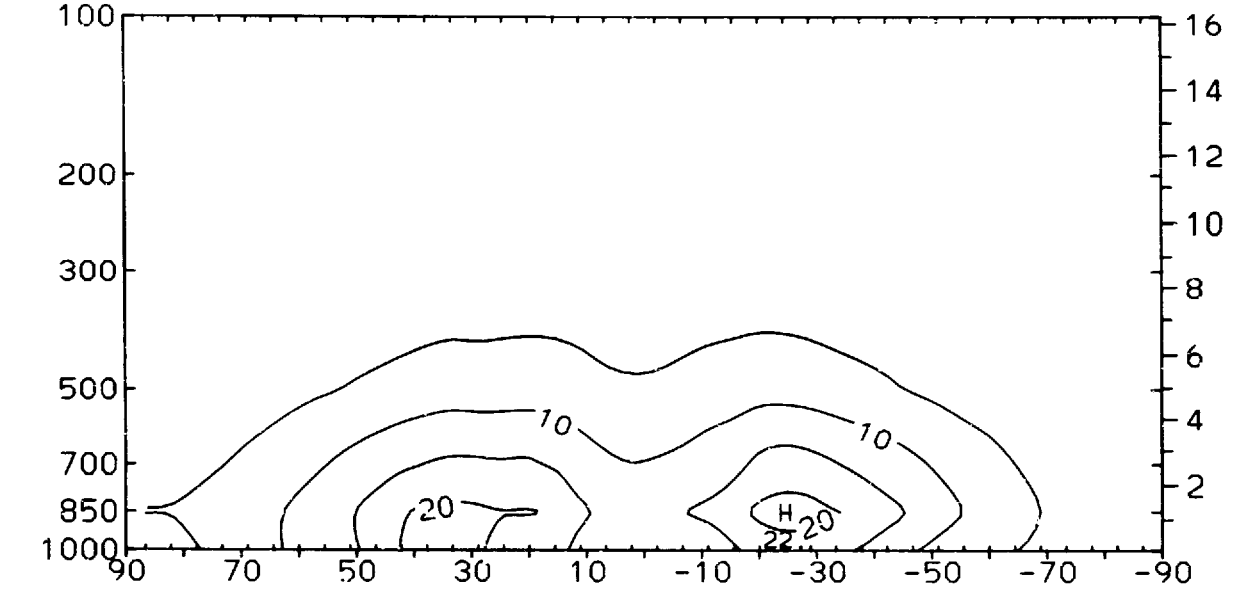
SDZ (dam)




FRAME 2.89

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

SDQ (g kg$^{-1}$ X 10)

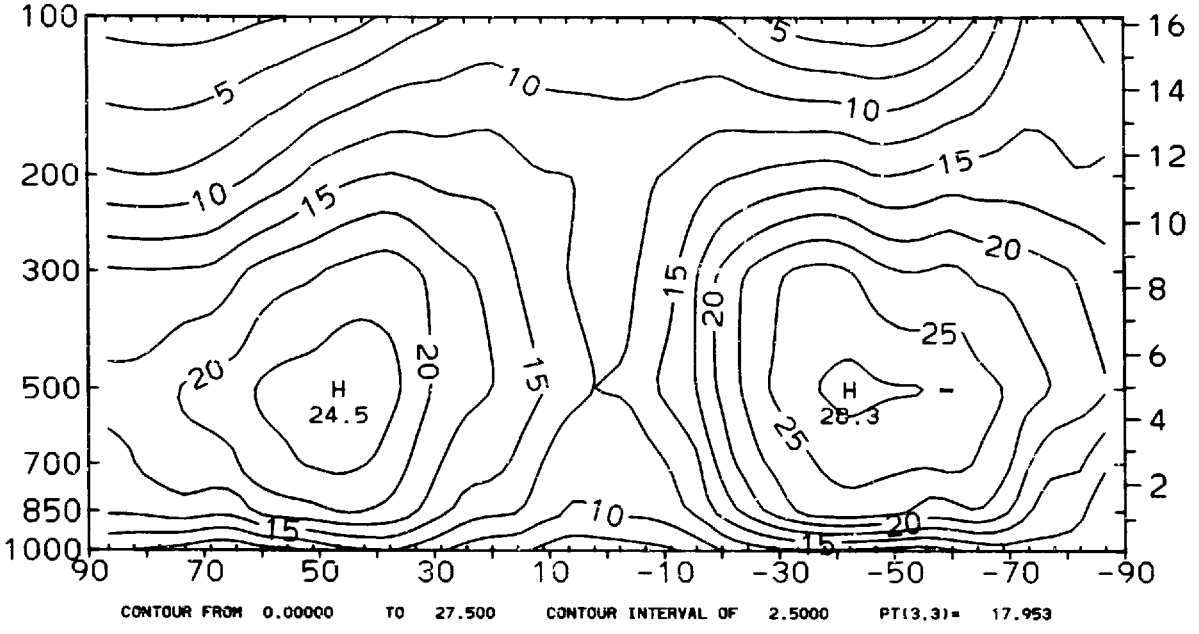



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 FT(3,3)= 0.18279E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

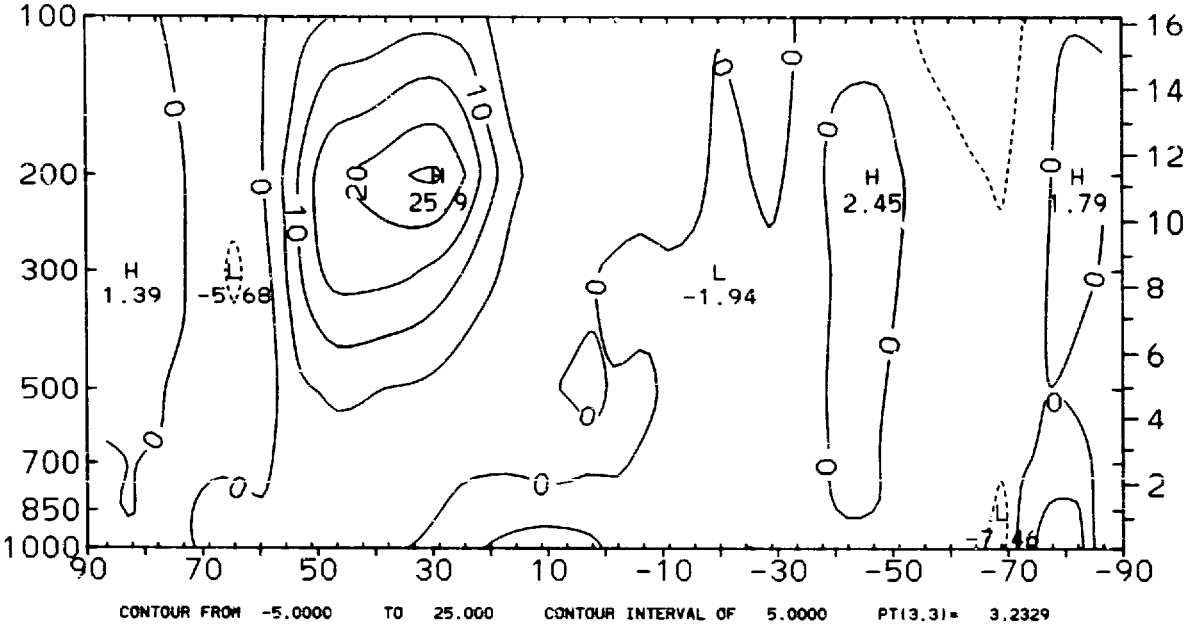
SDRH (%)




FRAME 2.91

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

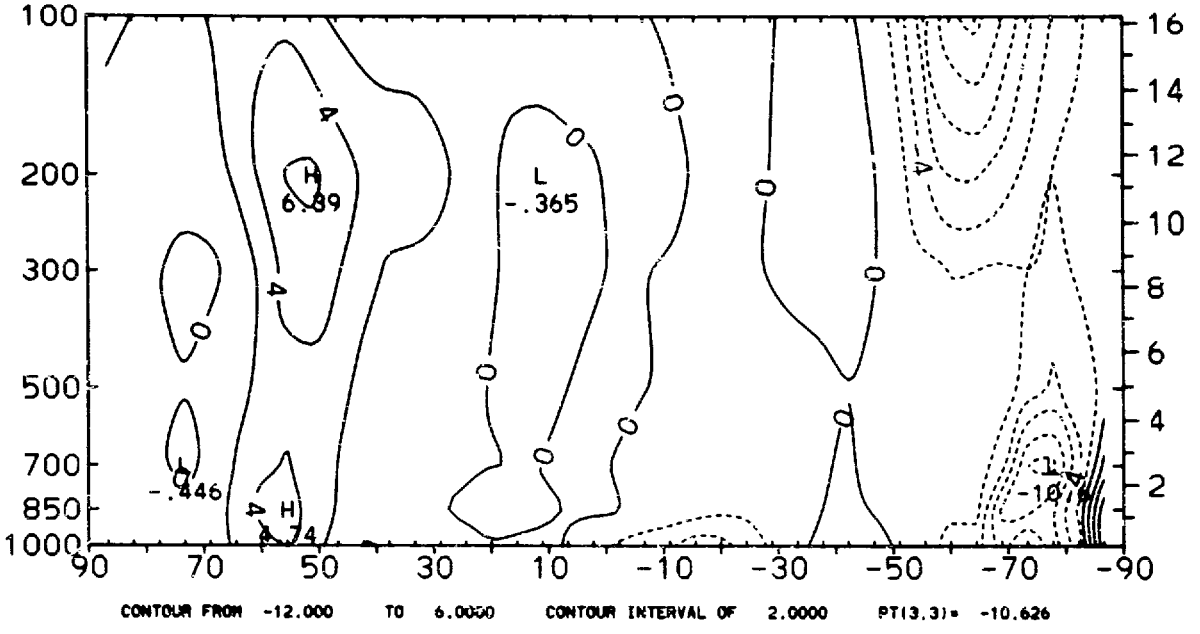
UVS $(m^2 s^{-2})$




FRAME 2.92

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

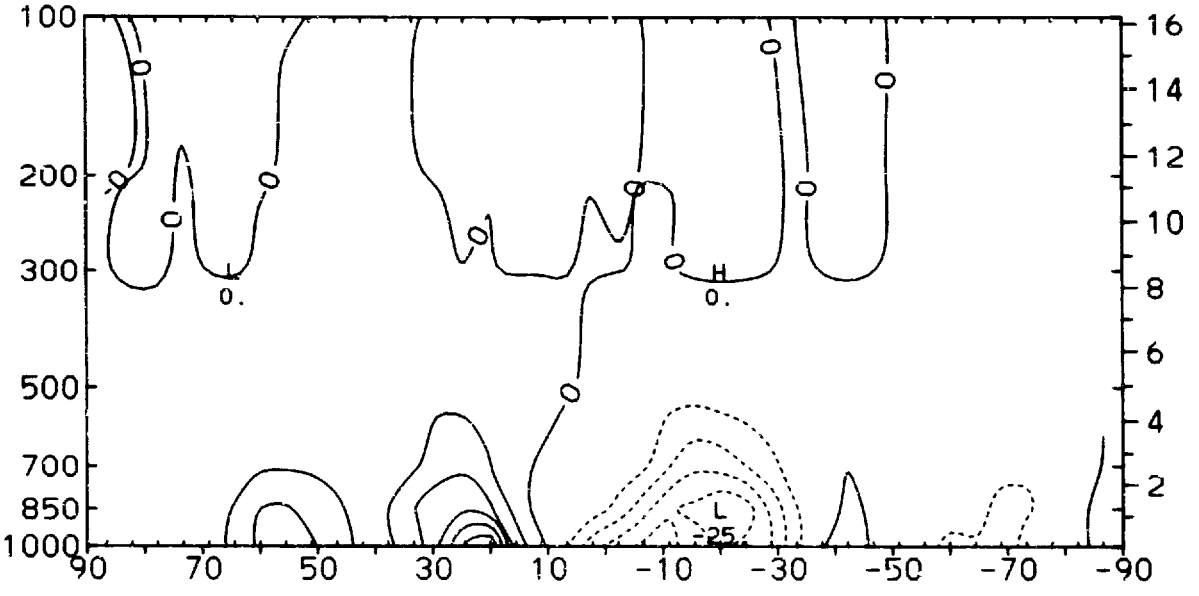
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979–1986)

VQS $((g\,kg^{-1})m\,s^{-1}$ X 10)

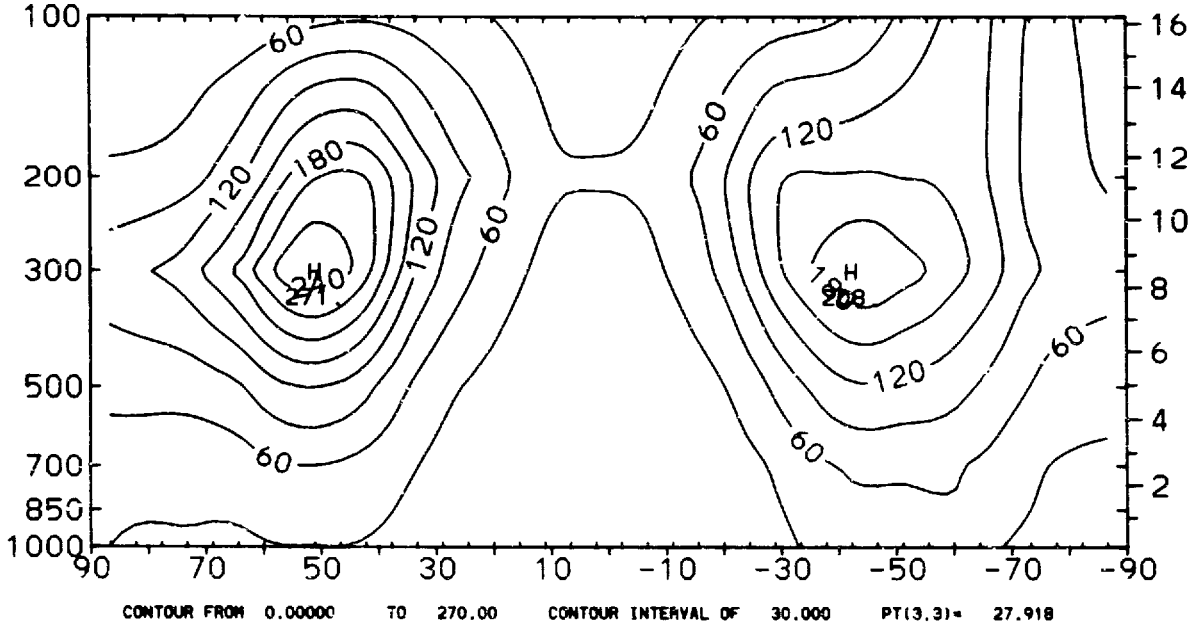



CONTOUR FROM -0.25000E-02 TO 0.30000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.34672E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 OCTOBER (ENSEMBLE AVERAGE 1979-1986)

KEP $(m^2 s^{-2})$




FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FPAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 1000.P | A | 669.0 TO 3226.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 850.0P | A | 669.0 TO 3226.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 700.0P | A | 669.0 TO 3226.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 500.0P | A | 669.0 TO 3226.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 300.0P | A | 669.0 TO 3226.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 200.0P | A | 669.0 TO 3226.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 100.0P | A | 669.0 TO 3226.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 1000.P | A | 669.0 TO 3226.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 850.0P | A | 669.0 TO 3226.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 700.0P | A | 669.0 TO 3226.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 500.0P | A | 669.0 TO 3226.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 300.0P | A | 669.0 TO 3226.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 200.0P | A | 669.0 TO 3226.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 100.0P | A | 669.0 TO 3226.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 1000.P | A | 669.0 TO 3226.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 850.0P | A | 669.0 TO 3226.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 700.0P | A | 669.0 TO 3226.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 500.0P | A | 669.0 TO 3226.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 300.0P | A | 669.0 TO 3226.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 200.0P | A | 669.0 TO 3226.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 100.0P | A | 669.0 TO 3226.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 1000.P | A | 669.0 TO 3226.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 850.0P | A | 669.0 TO 3226.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 700.0P | A | 669.0 TO 3226.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 500.0P | A | 669.0 TO 3226.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 300.0P | A | 669.0 TO 3226.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 200.0P | A | 669.0 TO 3226.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 100.0P | A | 669.0 TO 3226.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 1000.P | A | 669.0 TO 3226.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 850.0P | A | 669.0 TO 3226.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 700.0P | A | 669.0 TO 3226.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 500.0P | A | 669.0 TO 3226.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 300.0P | A | 669.0 TO 3226.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 200.0P | A | 669.0 TO 3226.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 100.0P | A | 669.0 TO 3226.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 1000.P | A | 669.0 TO 3226.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 850.0P | A | 669.0 TO 3226.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 700.0P | A | 669.0 TO 3226.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 500.0P | A | 669.0 TO 3226.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 300.0P | A | 669.0 TO 3226.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 1000.P | A | 669.0 TO 3226.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 850.0P | A | 669.0 TO 3226.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 700.0P | A | 669.0 TO 3226.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 500.0P | A | 669.0 TO 3226.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 300.0P | A | 669.0 TO 3226.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 200.0P | A | 669.0 TO 3226.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 100.0P | A | 669.0 TO 3226.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 1000.P | A | 669.0 TO 3226.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 850.0P | A | 669.0 TO 3226.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 700.0P | A | 669.0 TO 3226.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 669.0 TO 3226.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 669.0 TO 3226.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 669.0 TO 3226.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 669.0 TO 3226.0 |
| 1.55 | Time Avg. Hor. Proj Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 669.0 TO 3226.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 669.0 TO 3226.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 669.0 TO 3226.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 669.0 TO 3226.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 669.0 TO 3226.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 669.0 TO 3226.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 669.0 TO 3226.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 669.0 TO 3226.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 669.0 TO 3226.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 669.0 TO 3226.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 669.0 TO 3226.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 669.0 TO 3226.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 669.0 TO 3226.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 669.0 TO 3226.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 669.0 TO 3226.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 669.0 TO 3226.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 669.0 TO 3226.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 669.0 TO 3226.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 669.0 TO 3226.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 669.0 TO 3226.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 669.0 TO 3226.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 669.0 TO 3226.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 669.0 TO 3226.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 669.0 TO 3226.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 669.0 TO 3226.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 669.0 TO 3226.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 669.0 TO 3226.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 669.0 TO 3226.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 669.0 TO 3226.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 669.0 TO 3226.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 669.0 TO 3226.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 669.0 TO 3226.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 669.0 TO 3226.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 669.0 TO 3226.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 669.0 TO 3226.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 669.0 TO 3226.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 669.0 TO 3226.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 669.0 TO 3226.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 669.0 TO 3226.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 669.0 TO 3226.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 669.0 TO 3226.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 669.0 TO 3226.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 669.0 TO 3226.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 669.0 TO 3226.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 669.0 TO 3226.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 669.0 TO 3226.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 500.0P | A | 669.0 TO 3226.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 300.0P | A | 669.0 TO 3226.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 200.0P | A | 669.0 TO 3226.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | PS | 1000.S | A | 669.0 TO 3226.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 1000.P | A | 669.0 TO 3226.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 850.0P | A | 669.0 TO 3226.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 700.0P | A | 669.0 TO 3226.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 500.0P | A | 669.0 TO 3226.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | RH | 300.0P | A | 669.0 TO 3226.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 669.0 TO 3226.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 669.0 TO 3226.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 1000.P | A | 669.0 TO 3226.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 850.0P | A | 669.0 TO 3226.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 700.0P | A | 669.0 TO 3226.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 500.0P | A | 669.0 TO 3226.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 300.0P | A | 669.0 TO 3226.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 200.0P | A | 669.0 TO 3226.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDU | 100.0P | A | 669.0 TO 3226.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 1000.P | A | 669.0 TO 3226.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 850.0P | A | 669.0 TO 3226.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 700.0P | A | 669.0 TO 3226.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 500.0P | A | 669.0 TO 3226.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 300.0P | A | 669.0 TO 3226.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 200.0P | A | 669.0 TO 3226.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDV | 100.0P | A | 669.0 TO 3226.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 850.0P | A | 669.0 TO 3226.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 700.0P | A | 669.0 TO 3226.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 500.0P | A | 669.0 TO 3226.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 300.0P | A | 669.0 TO 3226.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDW | 200.0P | A | 669.0 TO 3226.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 1000.P | A | 669.0 TO 3226.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 850.0P | A | 669.0 TO 3226.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 700.0P | A | 669.0 TO 3226.0 |

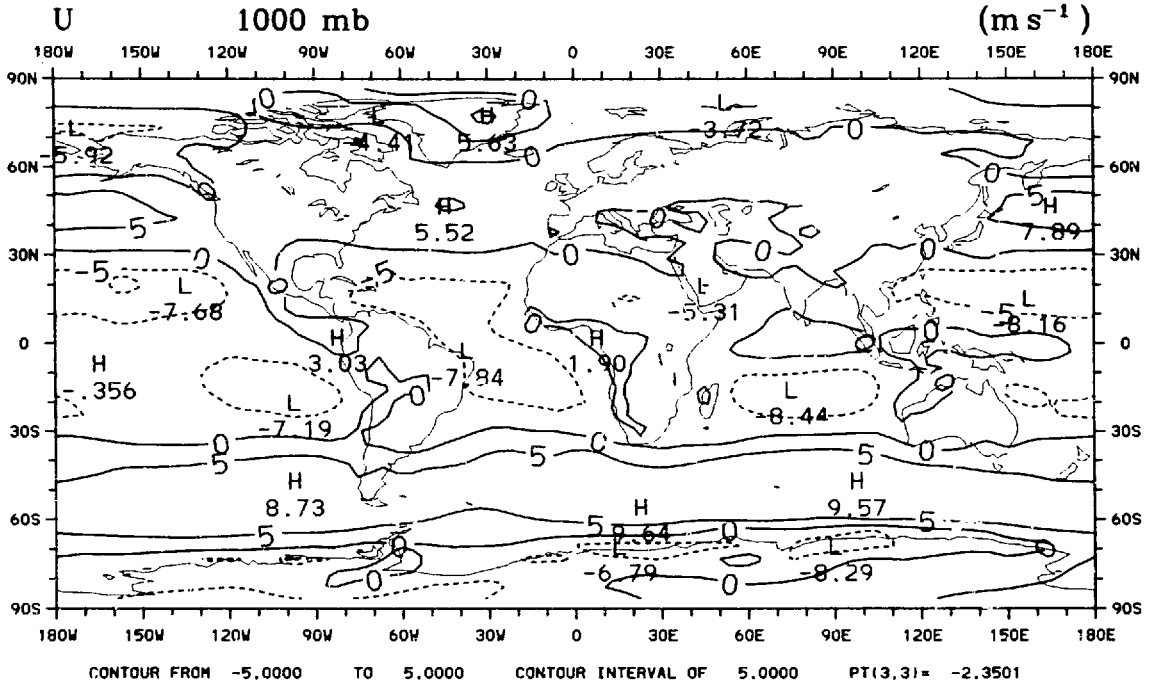
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 669.0 TO 3226.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 669.0 TO 3226.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 669.0 TO 3226.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 669.0 TO 3226.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 669.0 TO 3226.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 669.0 TO 3226.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 669.0 TO 3226.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 669.0 TO 3226.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 669.0 TO 3226.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 669.0 TO 3226.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 669.0 TO 3226.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 669.0 TO 3226.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 669.0 TO 3226.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 669.0 TO 3226.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 669.0 TO 3226.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 669.0 TO 3226.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 669.0 TO 3226.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 669.0 TO 3226.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 669.0 TO 3226.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 669.0 TO 3226.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 669.0 TO 3226.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 669.0 TO 3226.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 669.0 TO 3226.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 669.0 TO 3226.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 669.0 TO 3226.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 669.0 TO 3226.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 669.0 TO 3226.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 669.0 TO 3226.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 669.0 TO 3226.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 669.0 TO 3226.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 669.0 TO 3226.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 669.0 TO 3226.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 669.0 TO 3226.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 669.0 TO 3226.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 669.0 TO 3226.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 669.0 TO 3226.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 669.0 TO 3226.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 669.0 TO 3226.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 669.0 TO 3226.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 669.0 TO 3226.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 669.0 TO 3226.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 669.0 TO 3226.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 669.0 TO 3226.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 669.0 TO 3226.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 669.0 TO 3226.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 669.0 TO 3226.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 669.0 TO 3226.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 669.0 TO 3226.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 669.0 TO 3226.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 669.0 TO 3226.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

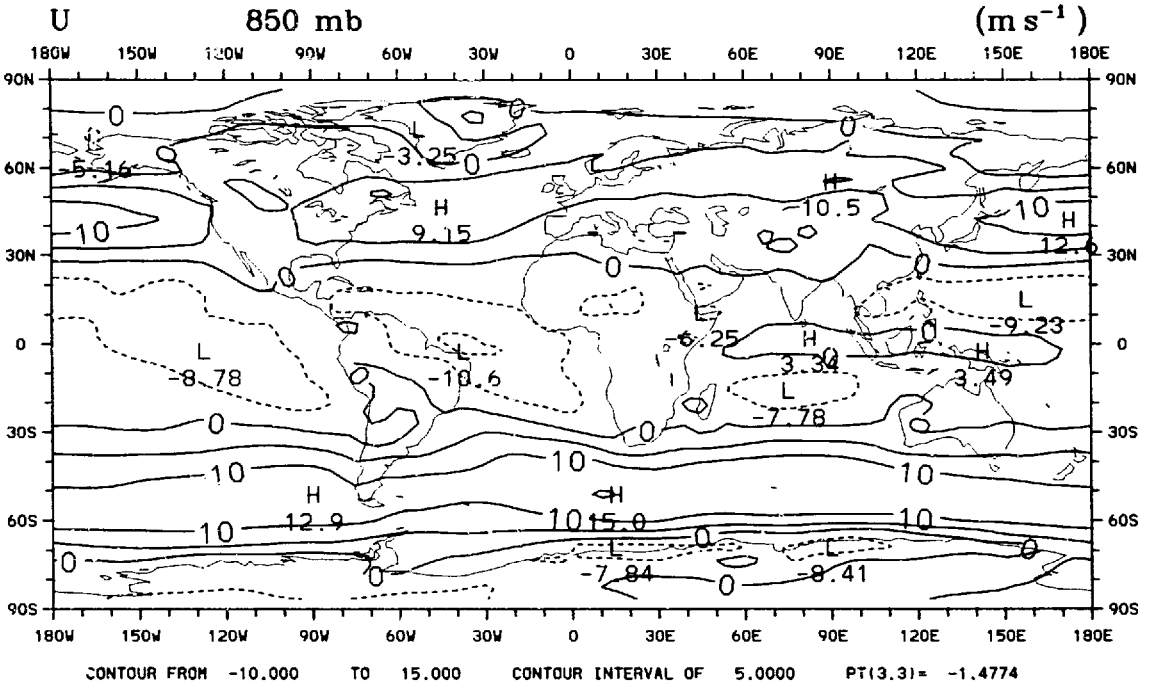
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 669.0 TO 3226.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 669.0 TO 3226.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 669.0 TO 3226.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 669.0 TO 3226.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 669.0 TO 3226.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 669.0 TO 3226.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 669.0 TO 3226.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 669.0 TO 3226.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 669.0 TO 3226.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 669.0 TO 3226.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 669.0 TO 3226.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 669.0 TO 3226.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 669.0 TO 3226.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 669.0 TO 3226.0 |

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



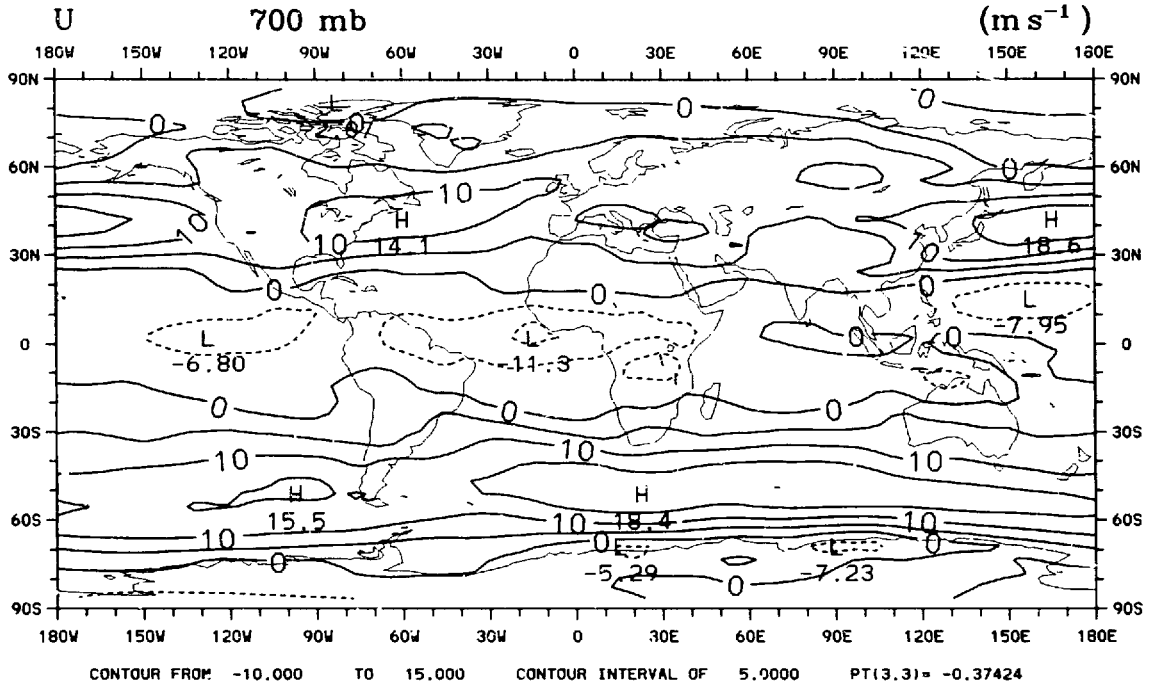

FRAME 1.1

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



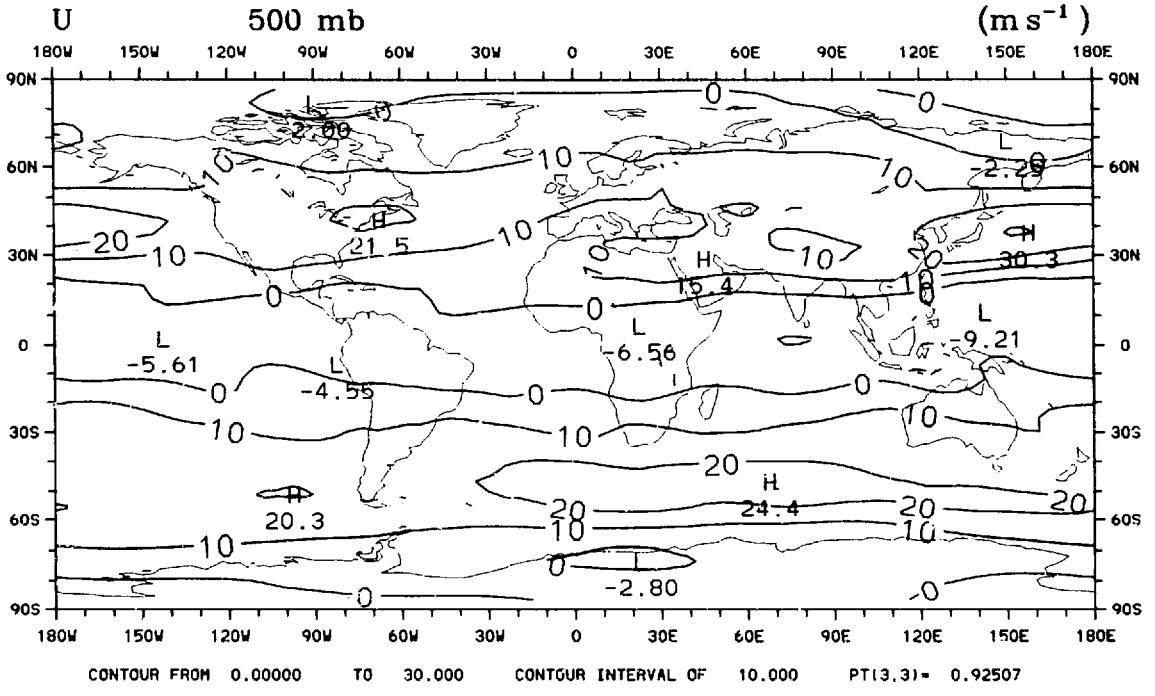

FRAME 1.2

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



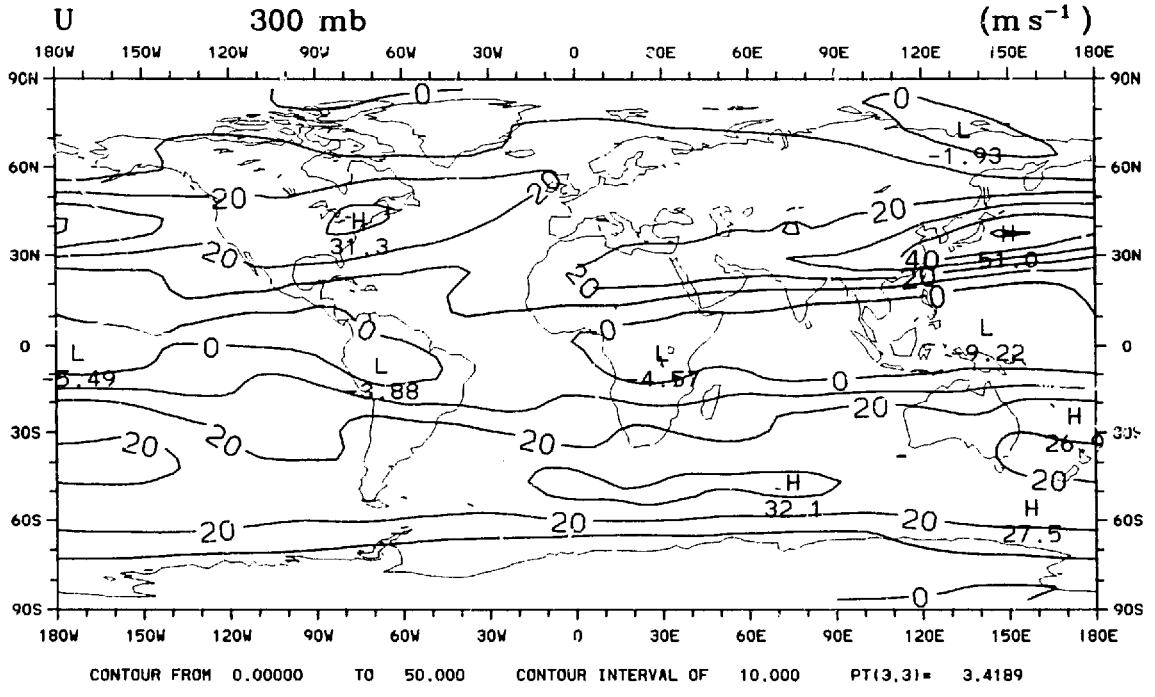

FRAME 1.3

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



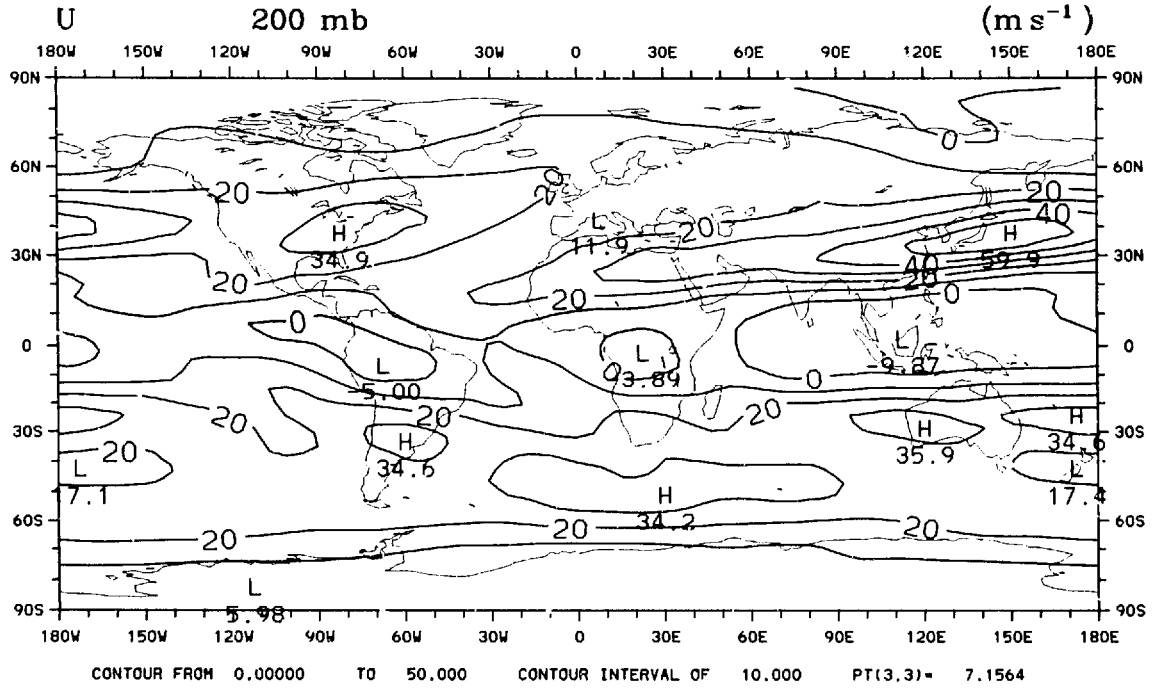

FRAME 1.4

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



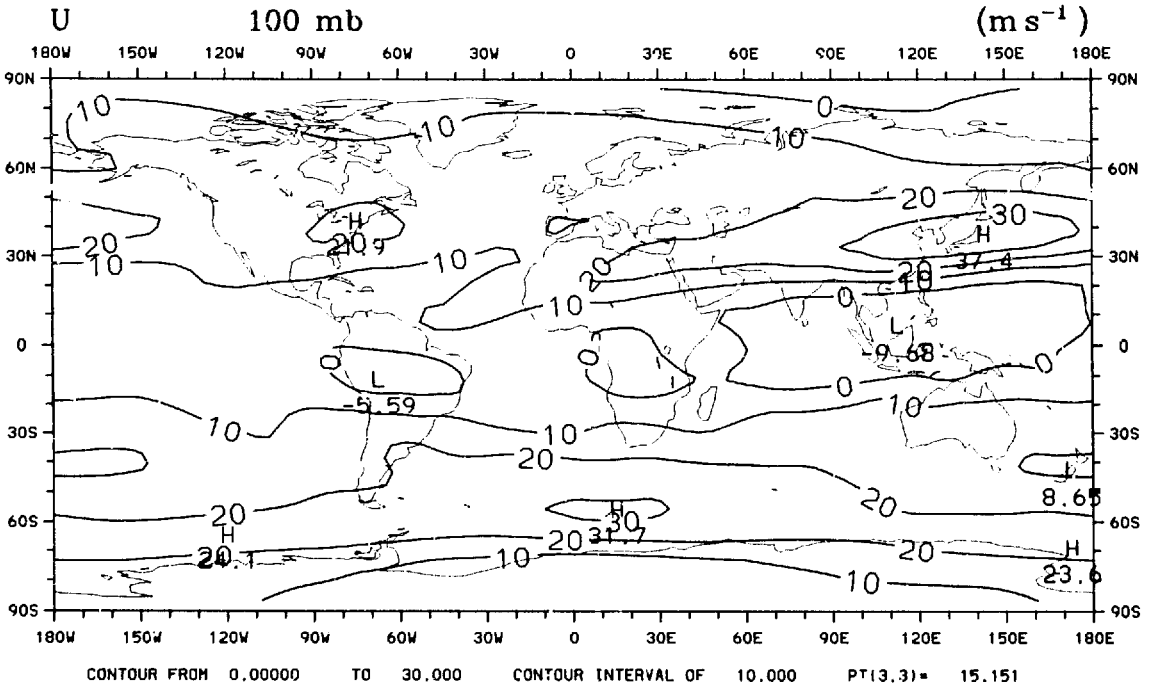

FRAME 1.5

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



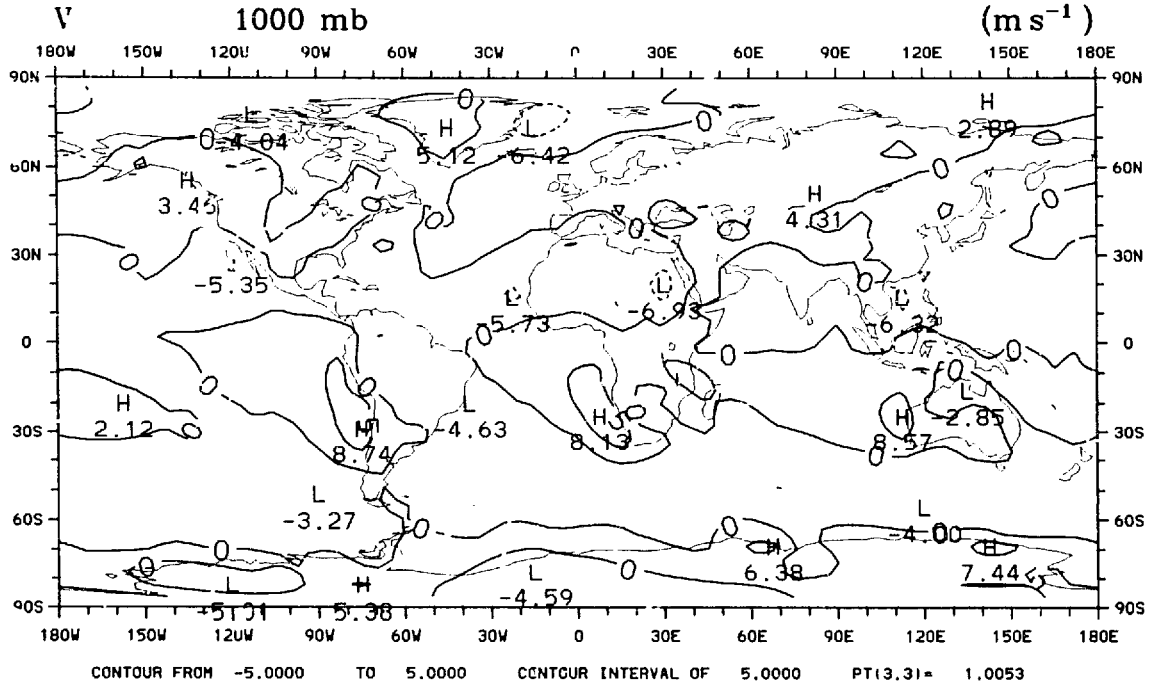

FRAME 1.6

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.7

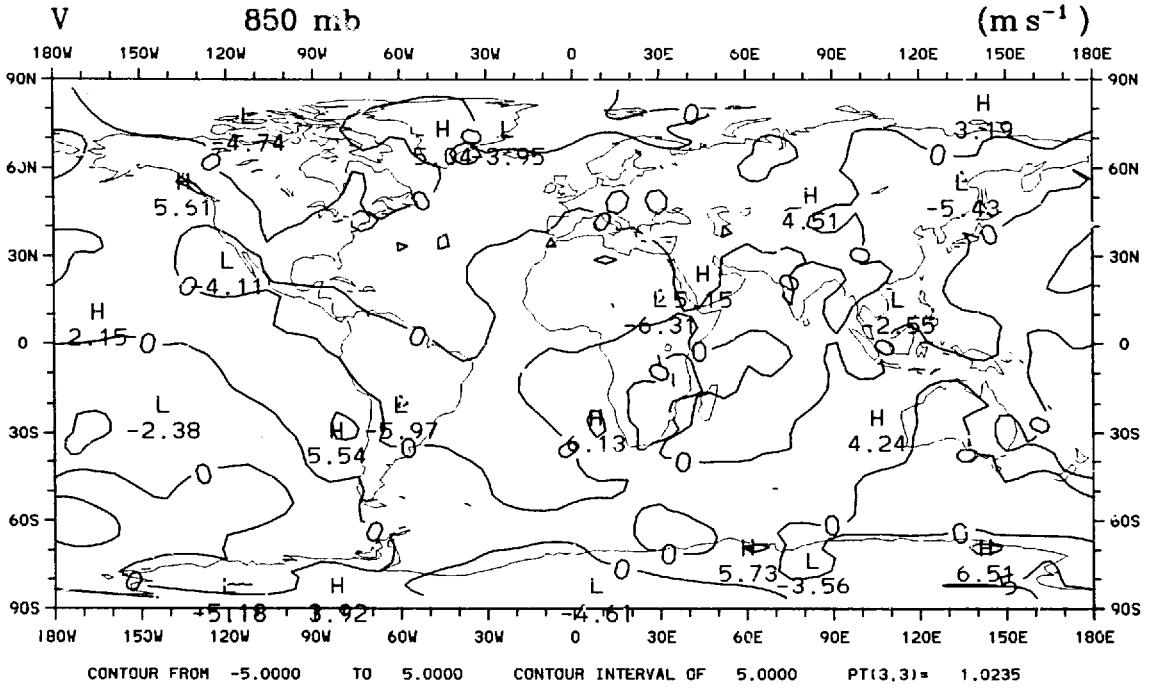
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 1.0053

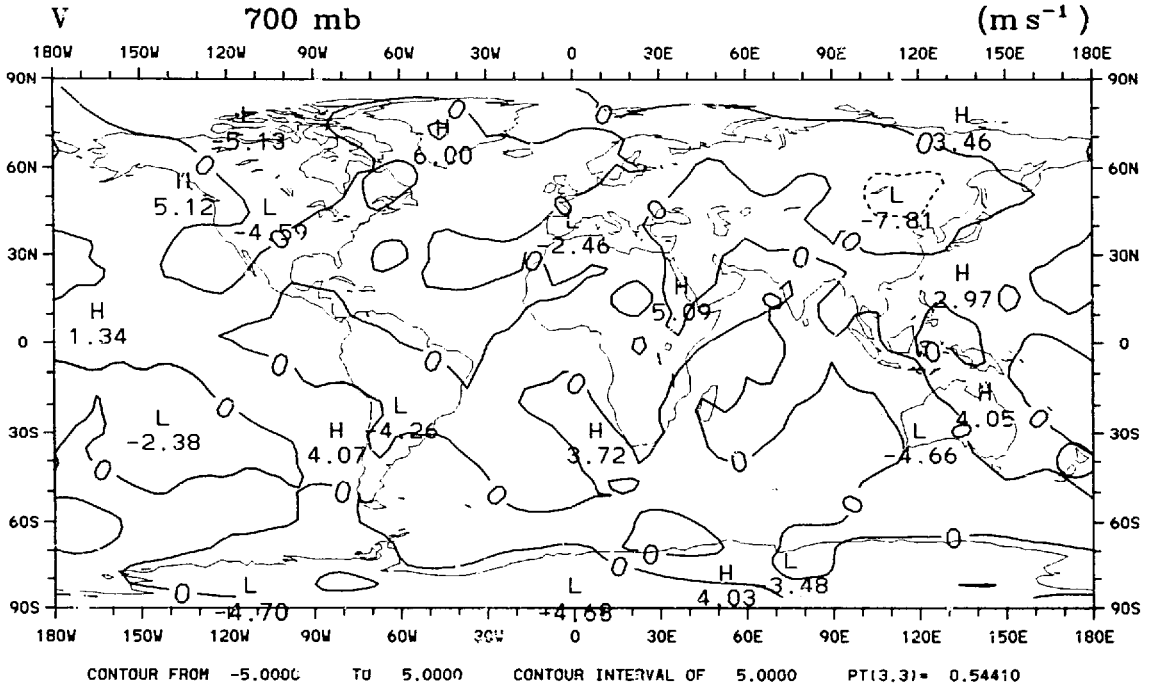
FRAME 1.8

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

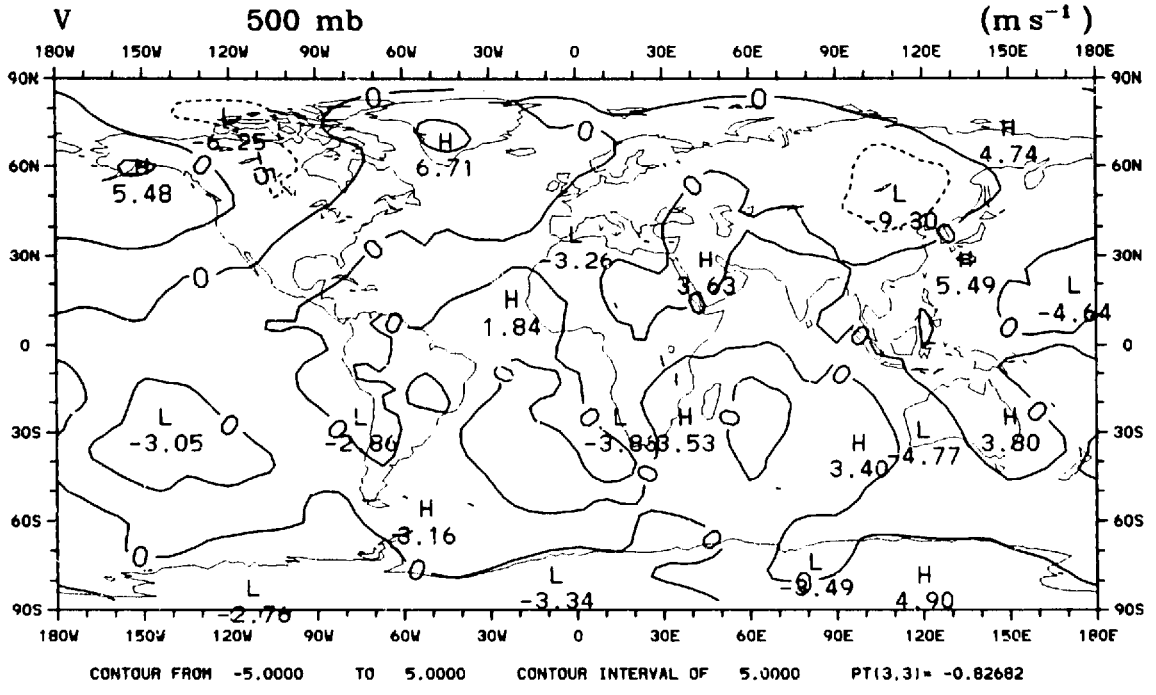



FRAME 1.9

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

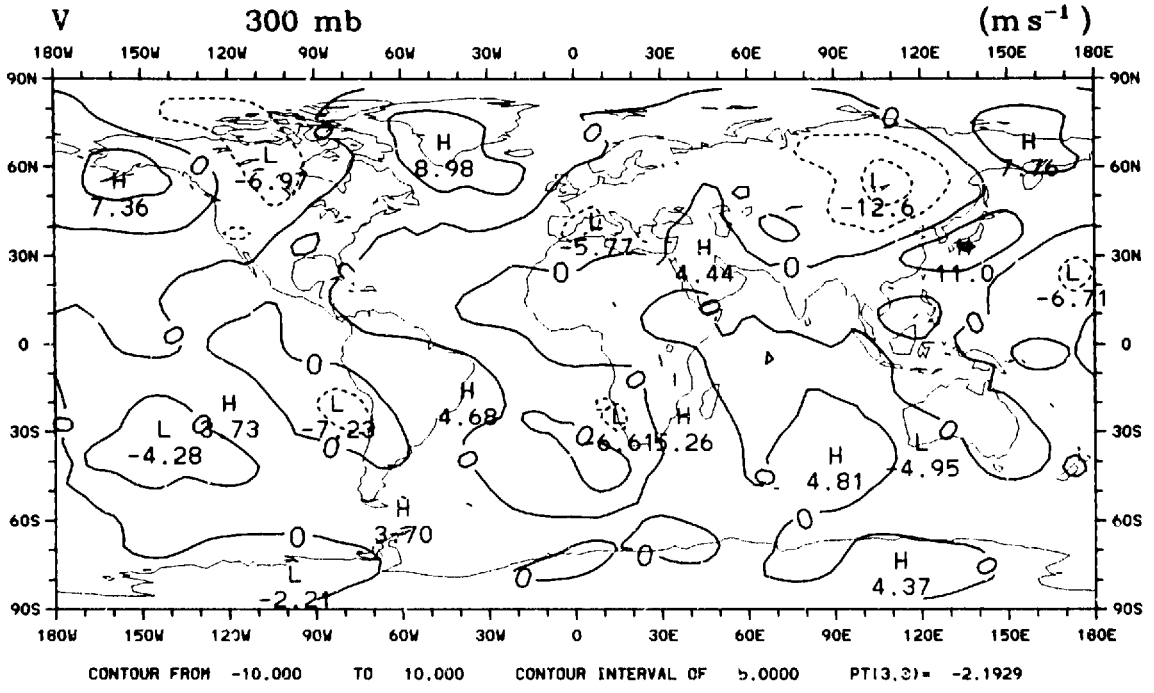



FRAME 1.10


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
V
500 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
-6.25
6.71
5.48
4.74
-9.30
-3.26
3.63
5.49
-4.64
1.84
-3.05
-2.80
-3.88
3.53
3.40
-4.77
3.80
3.16
-2.76
-3.34
-0.49
4.90
CONTOUR FROM -5.0000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -0.82682

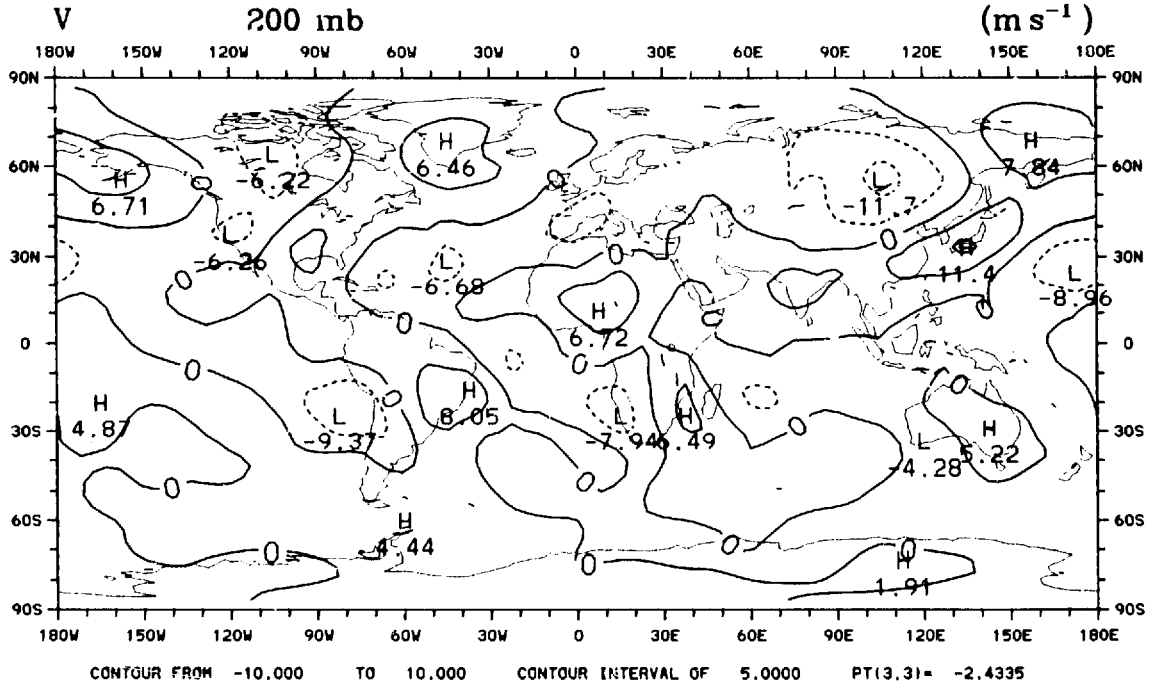
FRAME 1.11

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



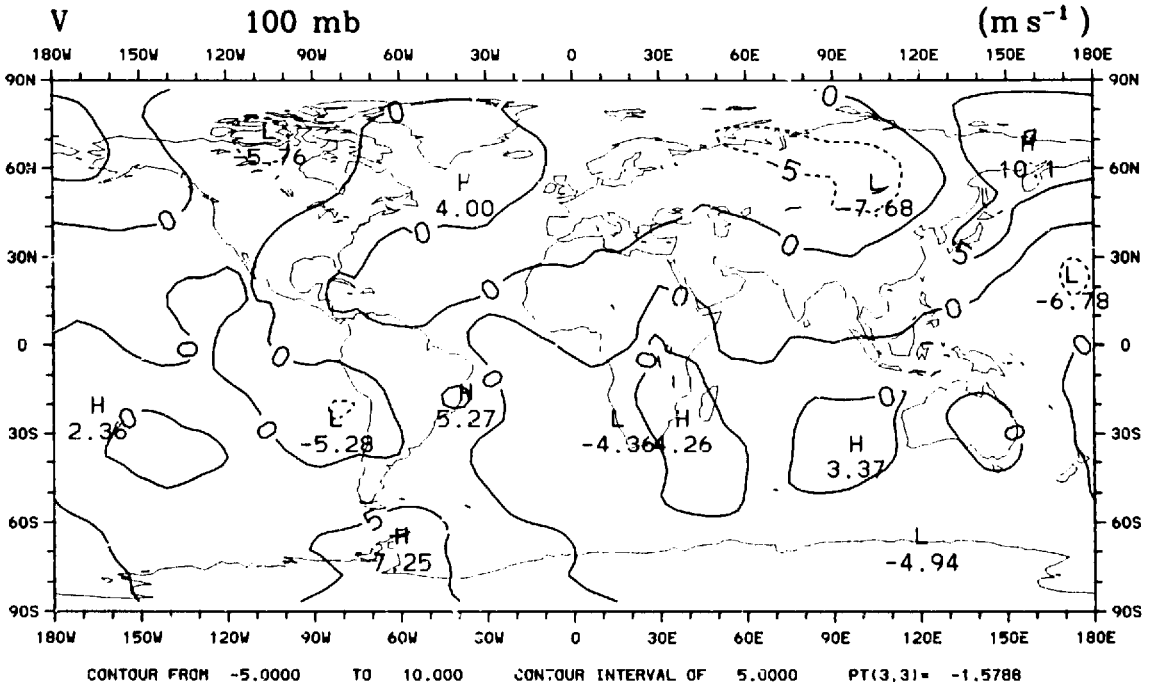

FRAME 1,12

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



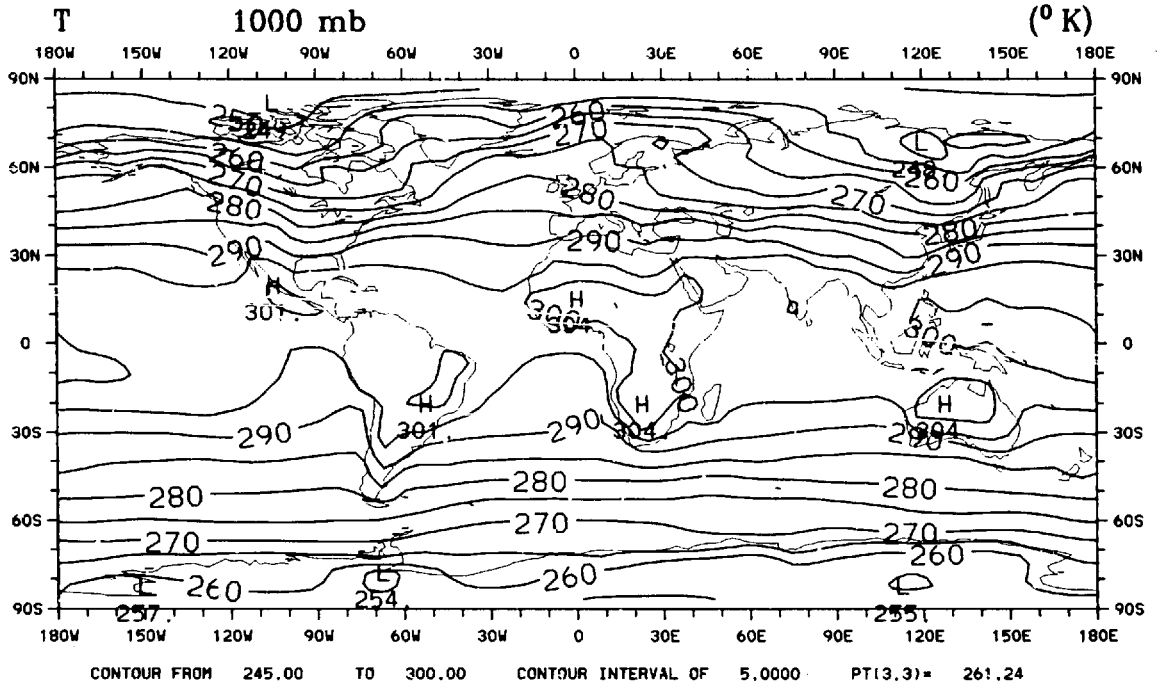

FRAME 1.13

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



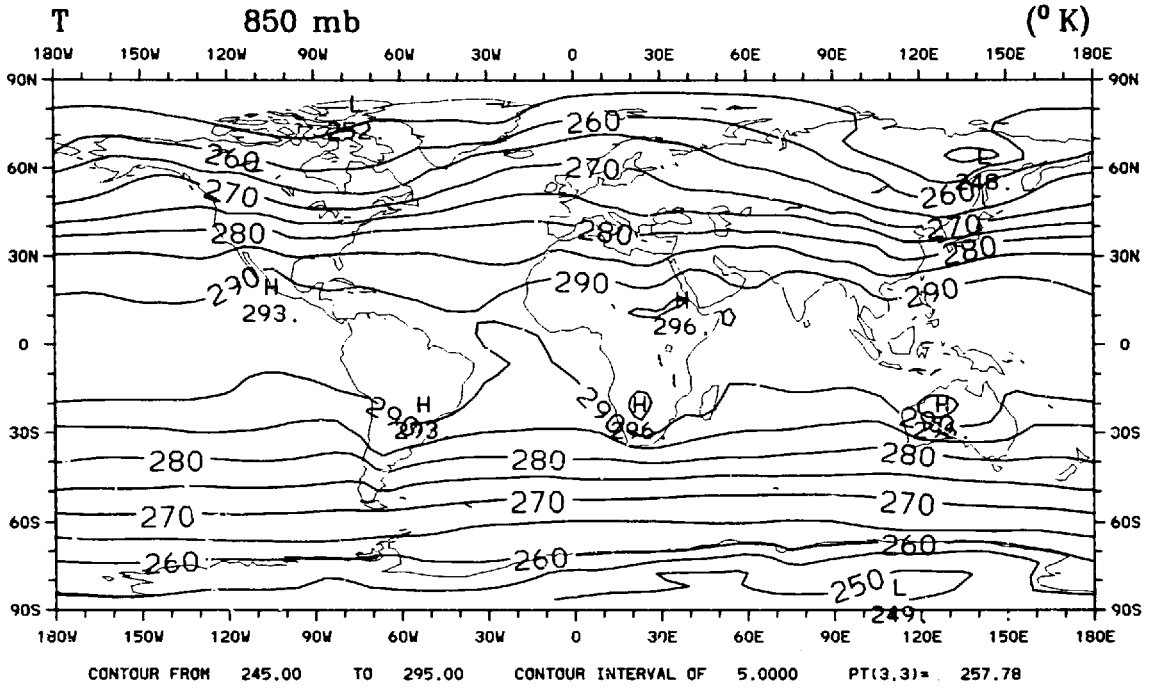

FRAME 1.14

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



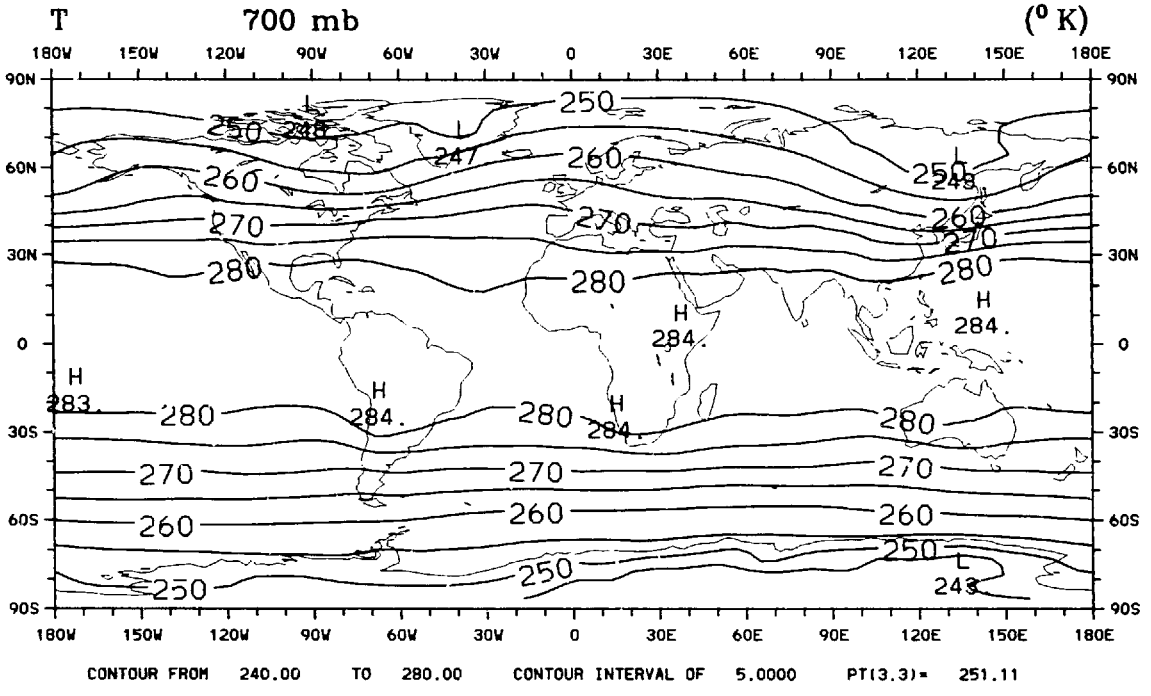

FRAME 1.15

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



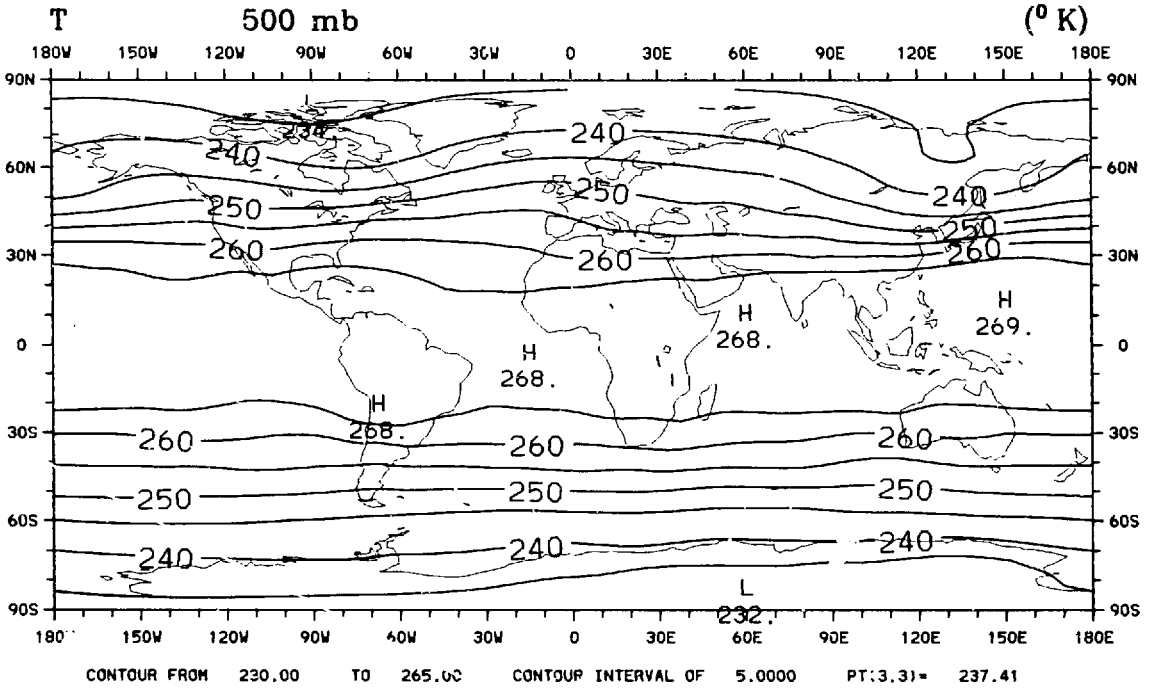

FRAME 1.16

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



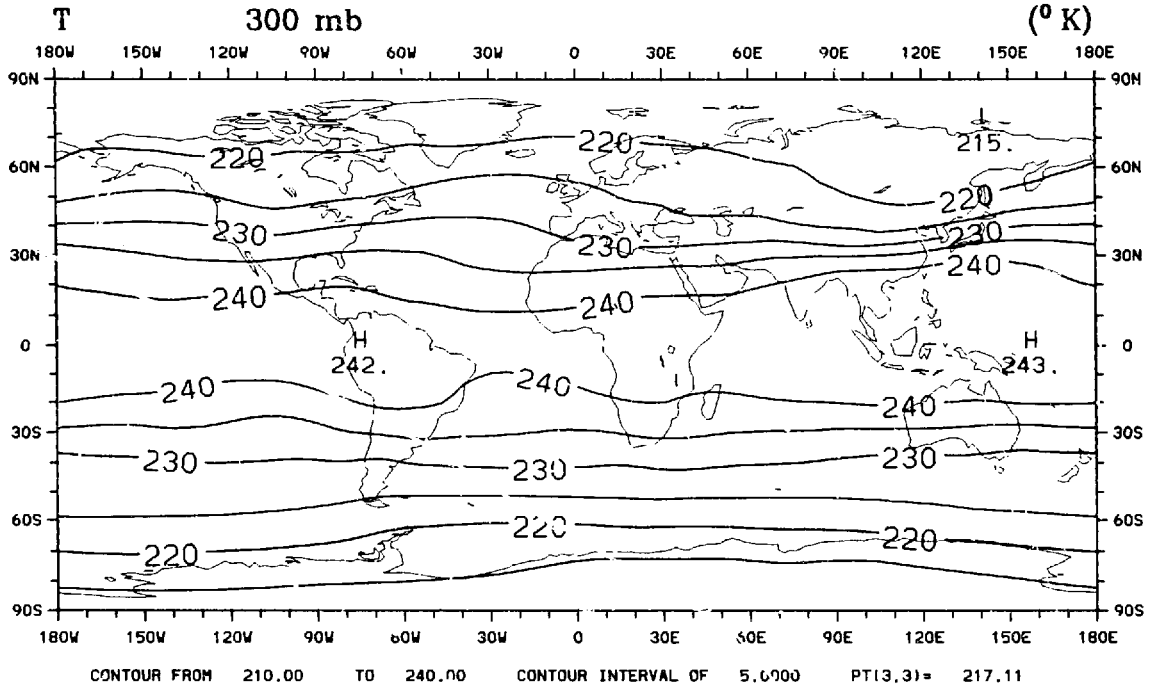

FRAME 1,17

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



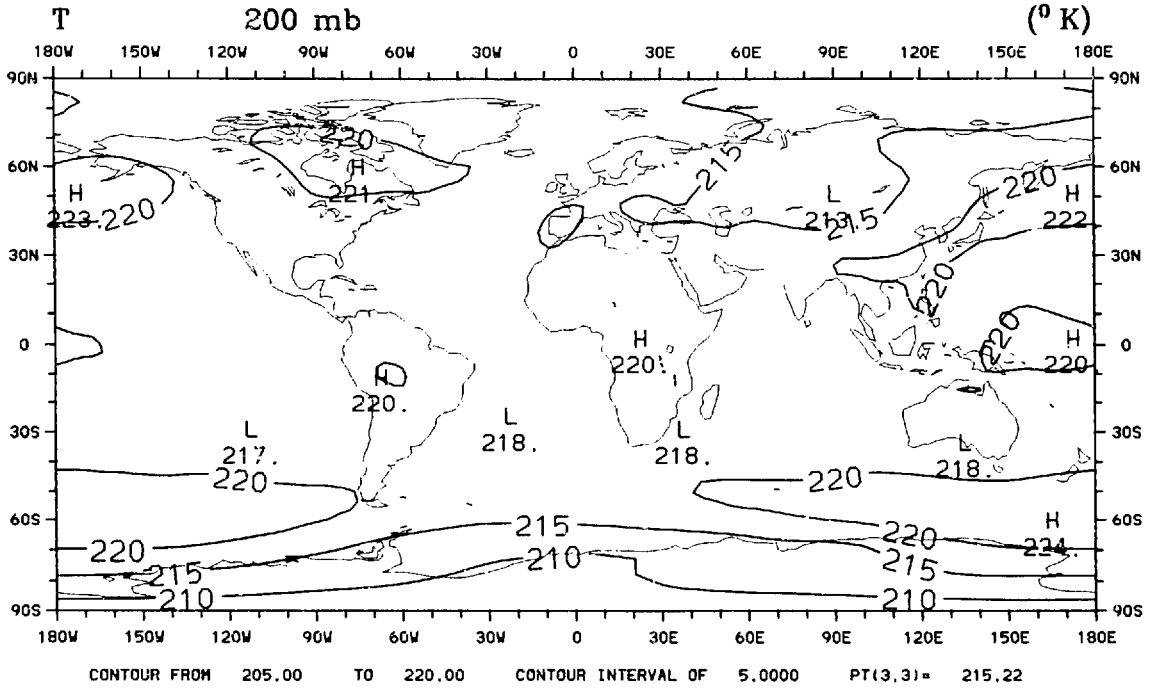

FRAME 1.18

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



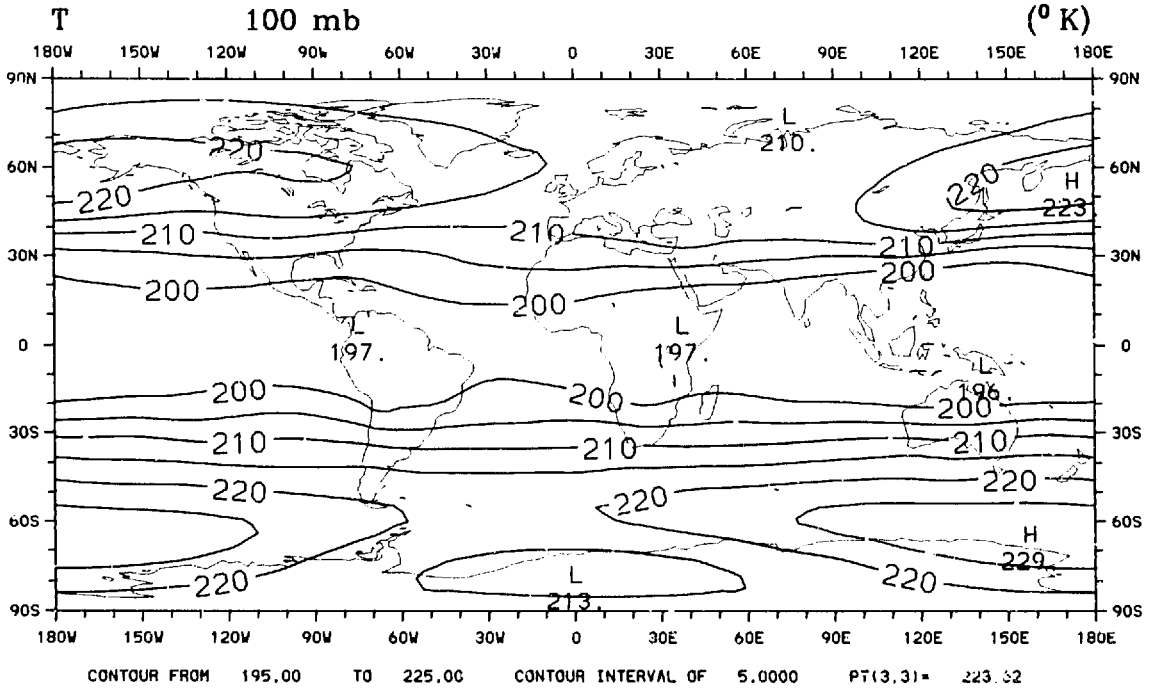

FRAME 1.19

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



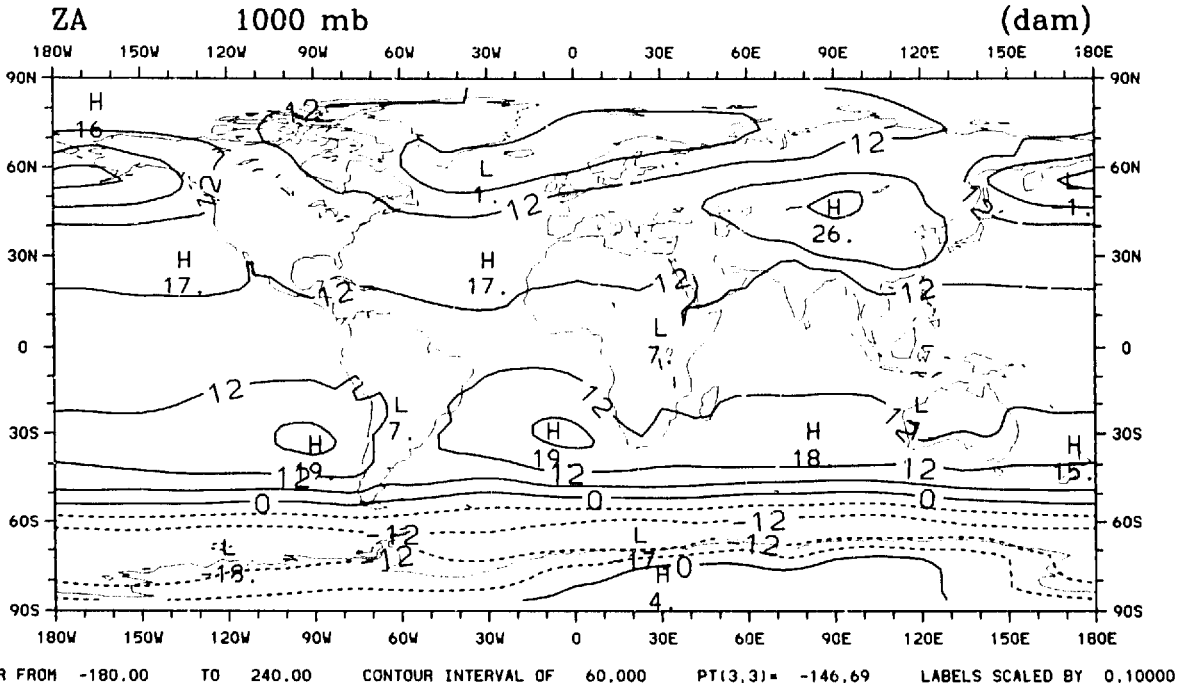

FRAME 1.20

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979--1986)




FRAME 1.21

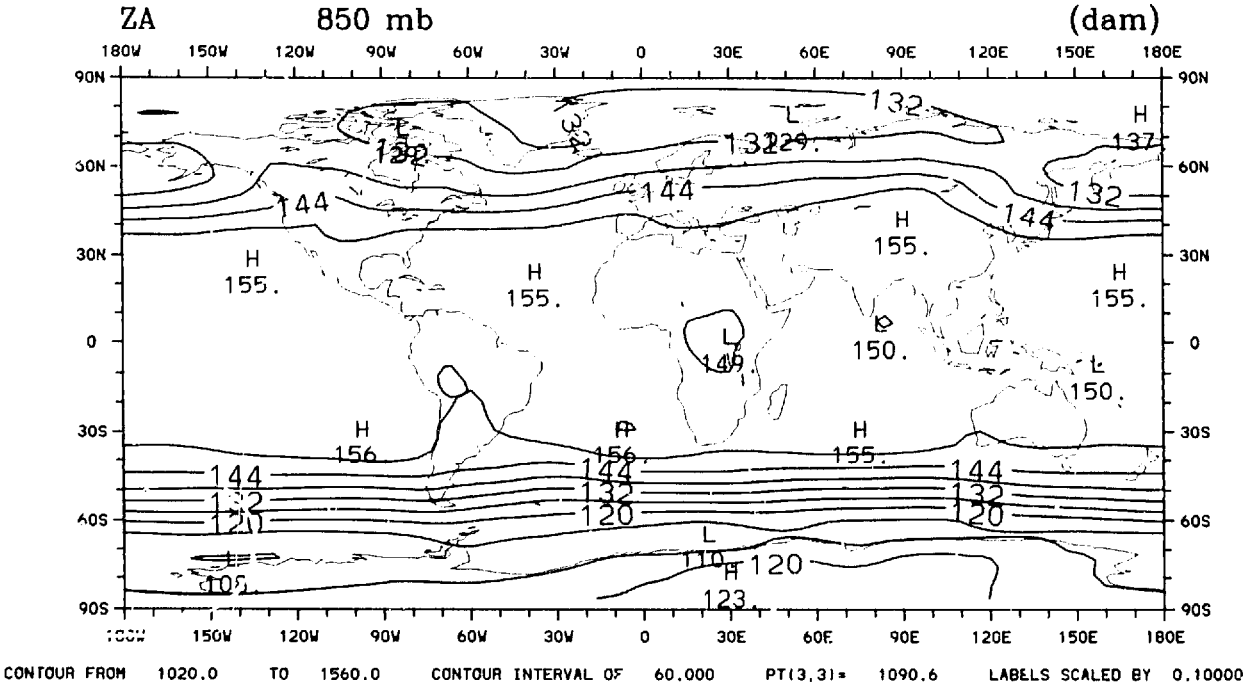
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -180.00 TO 240.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -146.69 LABELS SCALED BY 0.10000

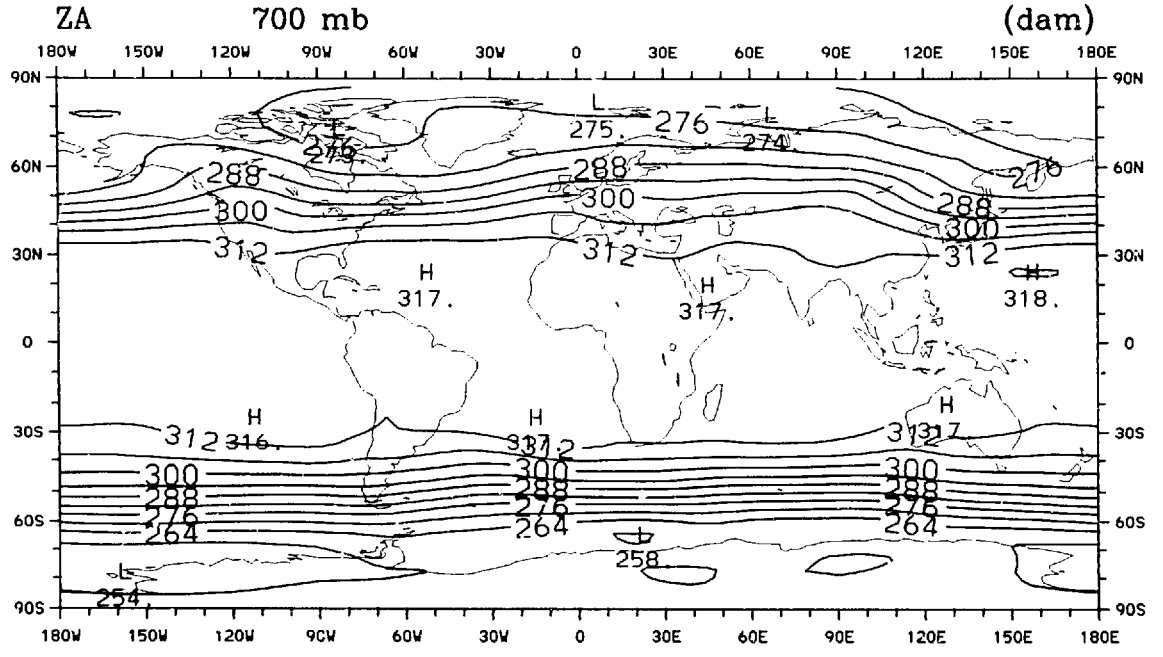
FRAME 1.22

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.23

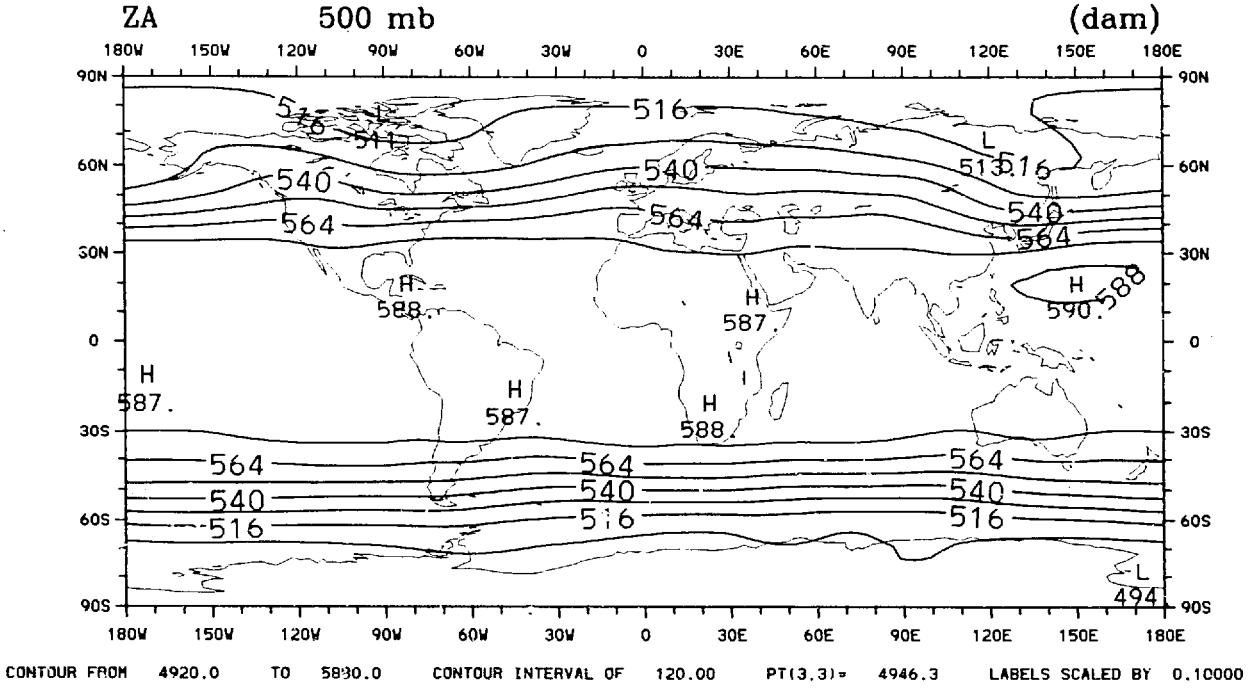
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTJUR FROM 2520.0 TO 3180.0 CONTOUR INTERVAL OF 60.000 PT(3,3)= 2537.1 LABELS SCALED BY 0.10000

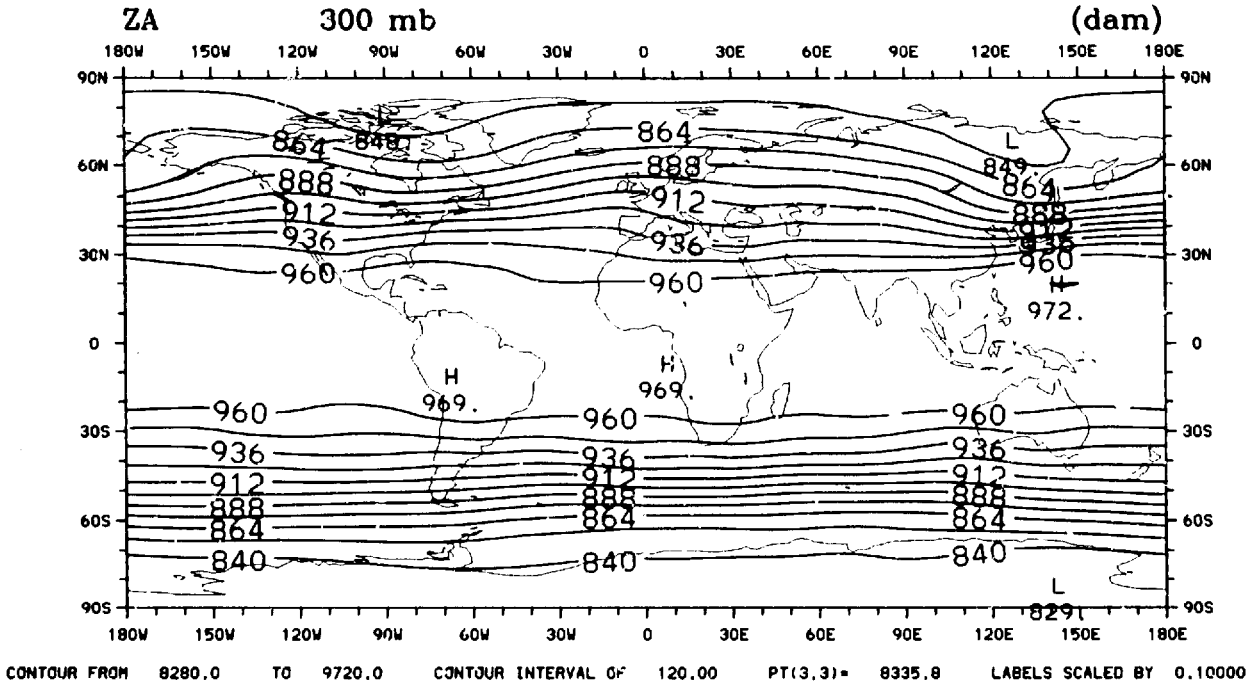
FRAME 1.24

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



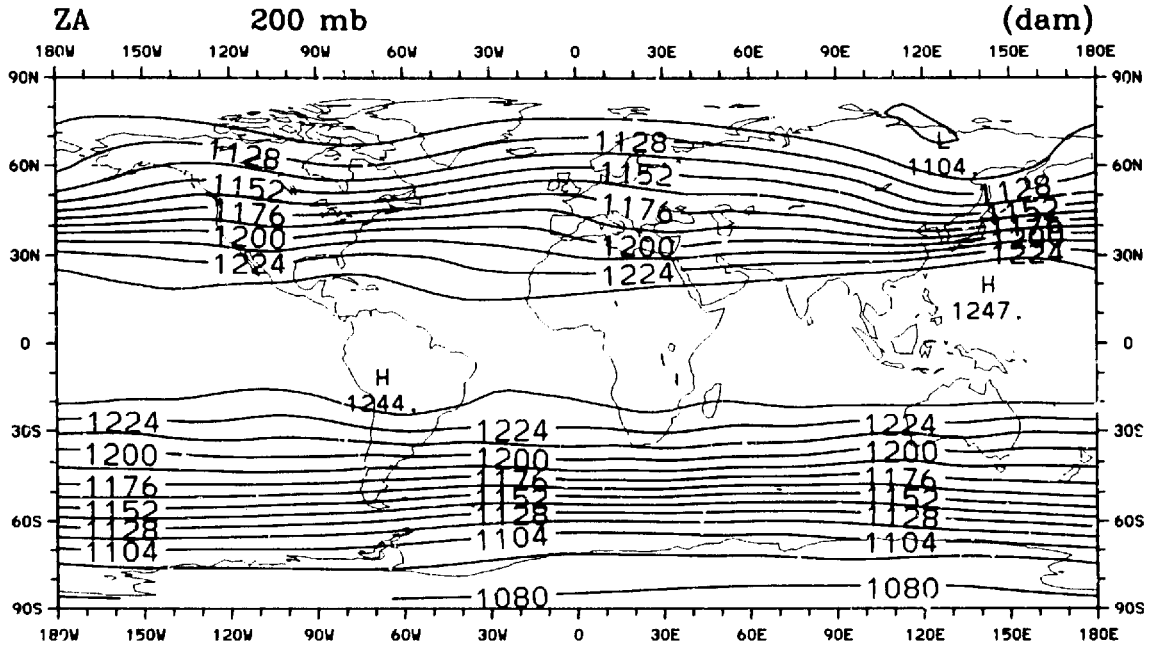

FRAME 1.25

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.26

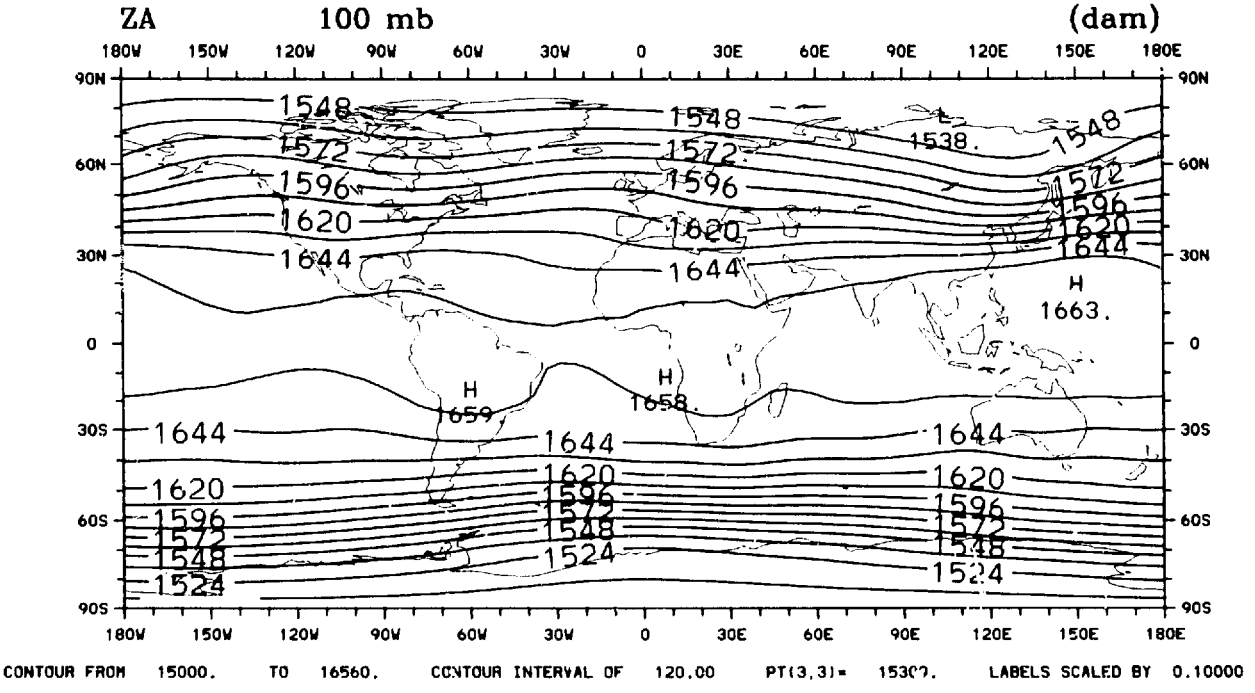
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 10680. TO 12360. CONTOUR INTERVAL OF 120.00 PT(3,3)= 10886. LABELS SCALED BY 0.10000

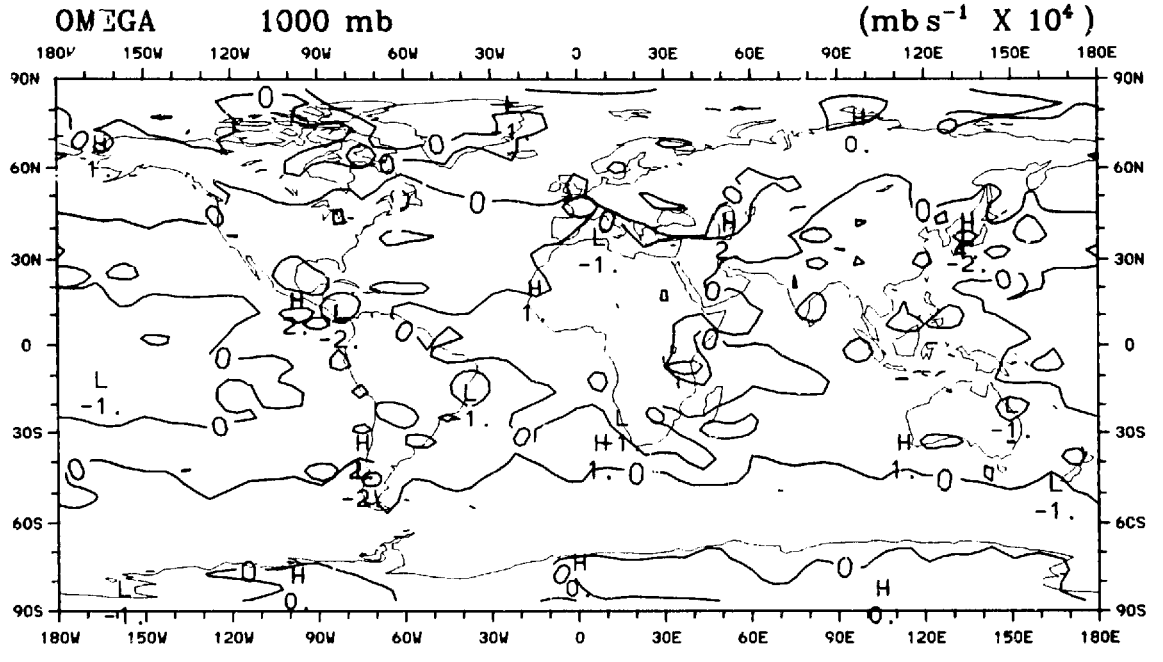
FRAME 1.27

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.28

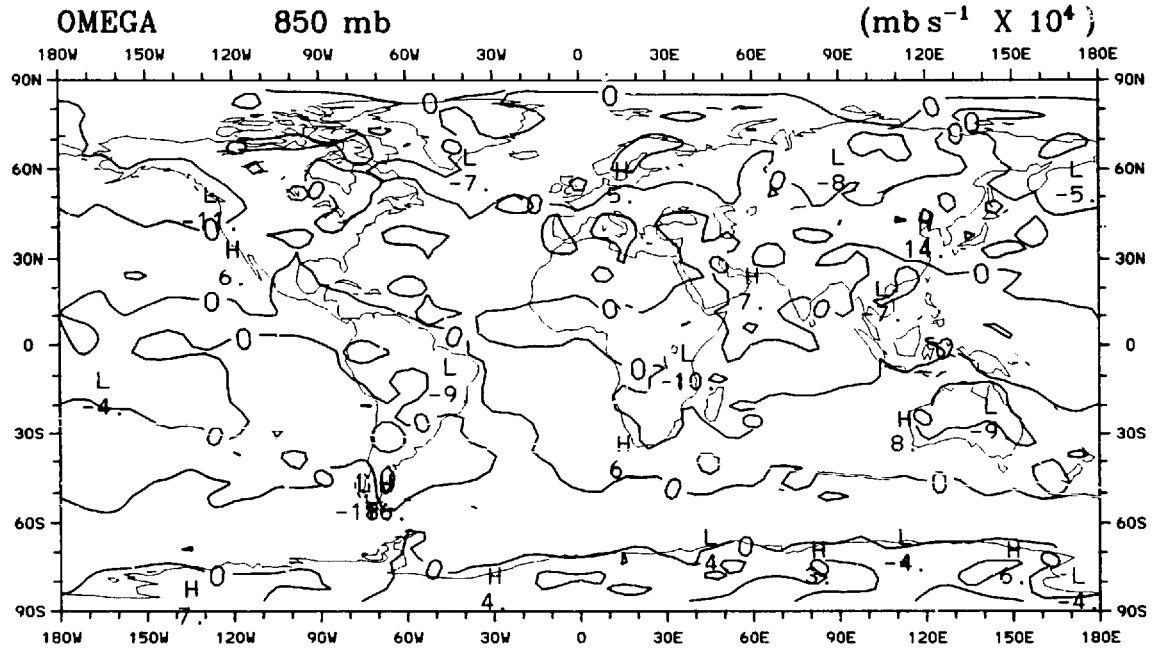
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.30880E-02 LABELS SCALED BY 100.00

FRAME 1.29

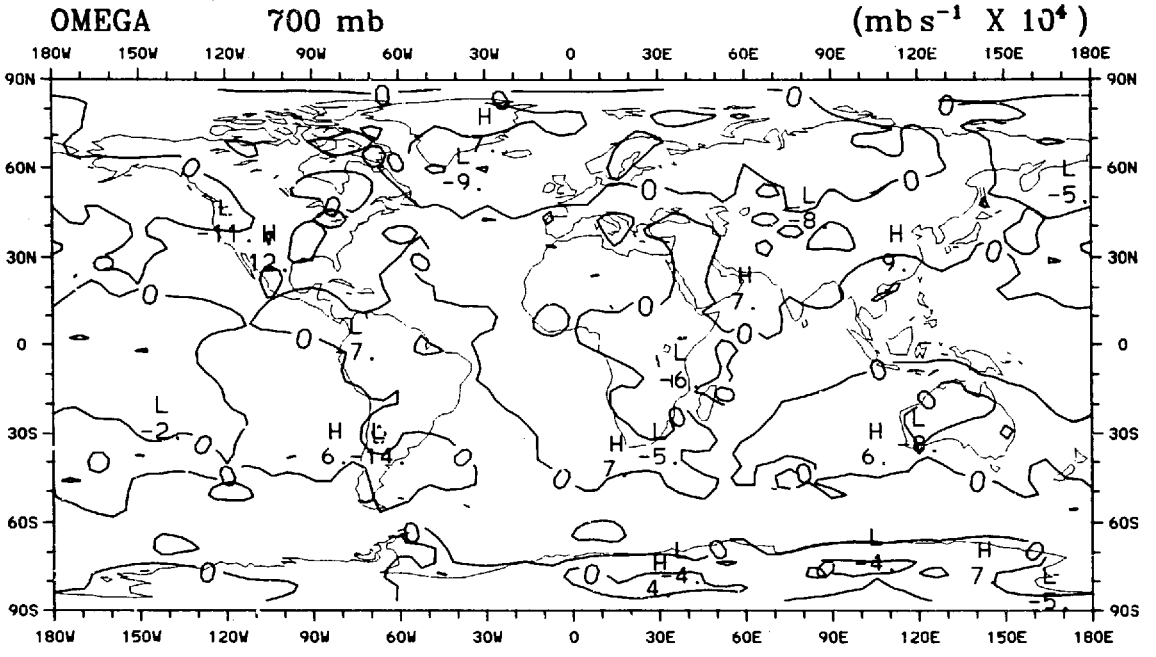
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.59588E-02 LABELS SCALED BY 100.00

FRAME 1.30

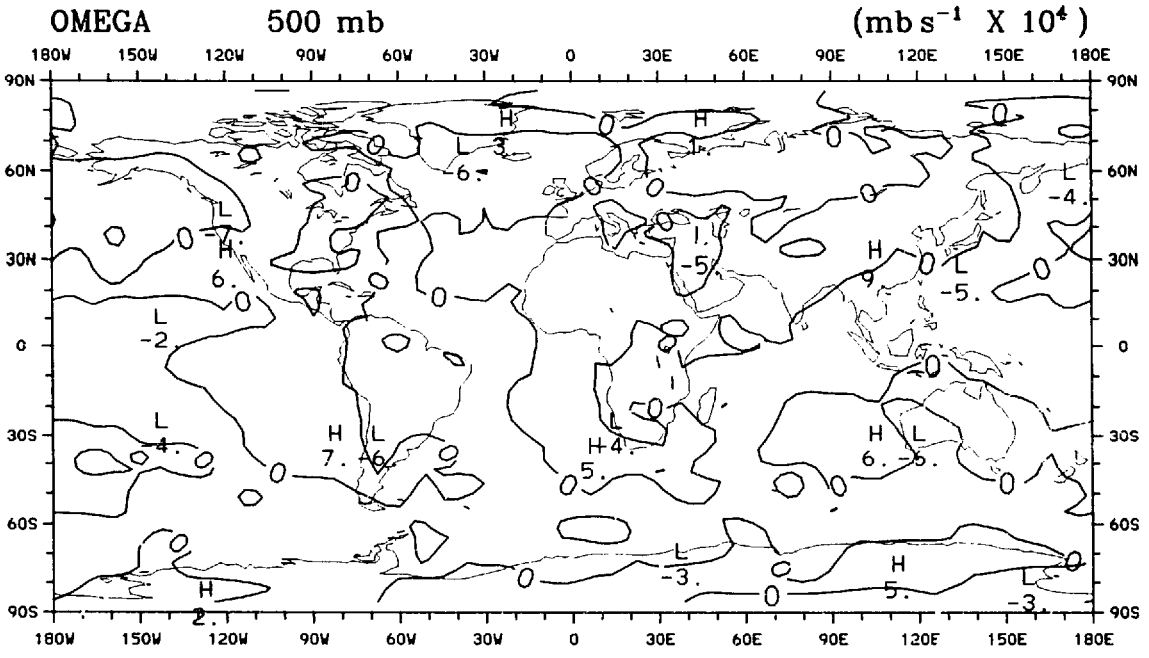
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= 0.24604E-02 LABELS SCALED BY 100.00

FRAME 1,31

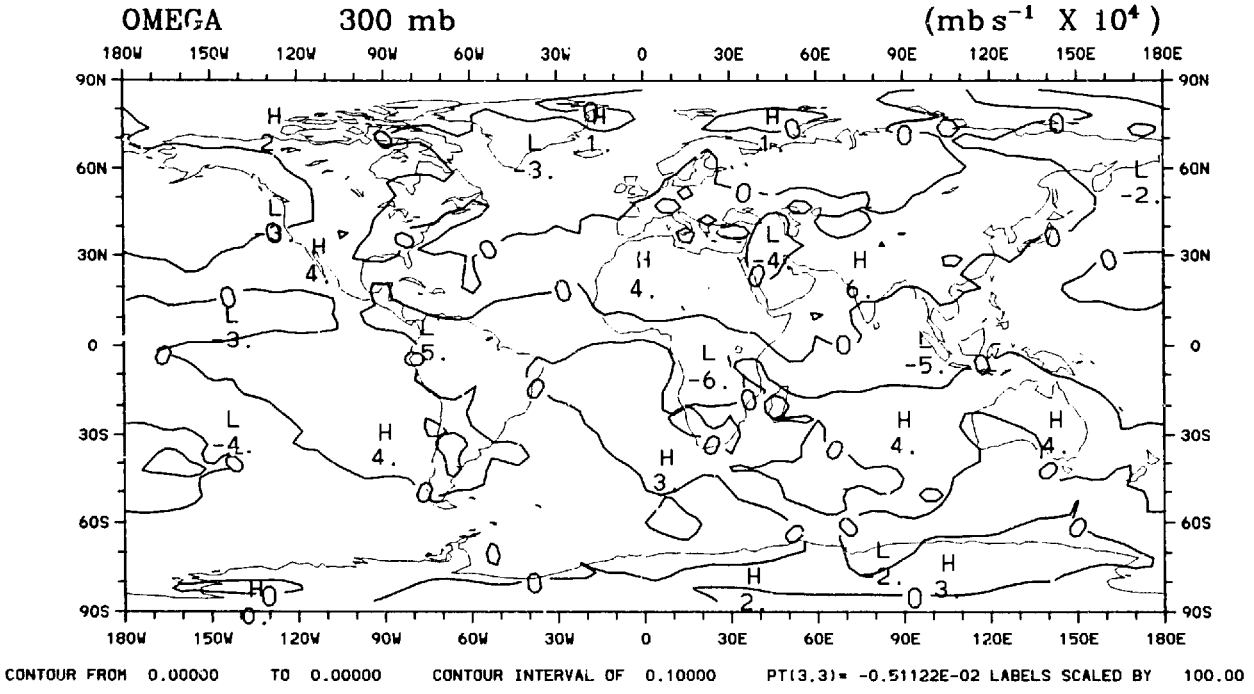
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.46451E-03 LABELS SCALED BY 100.00

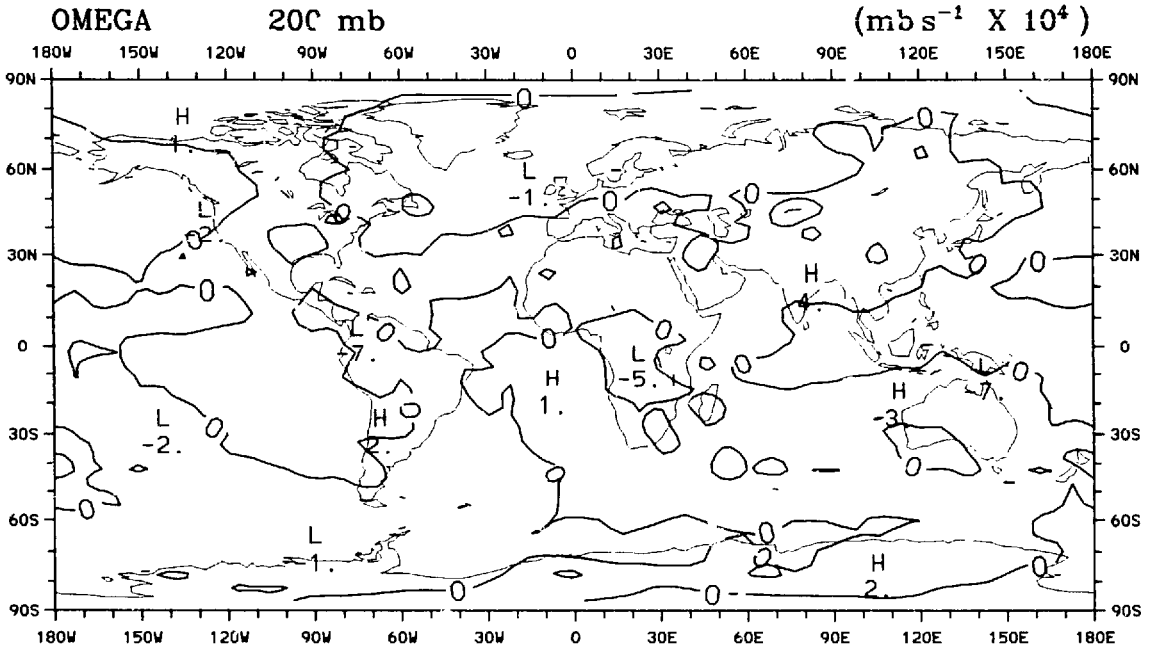
FRAME 1.32

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.33

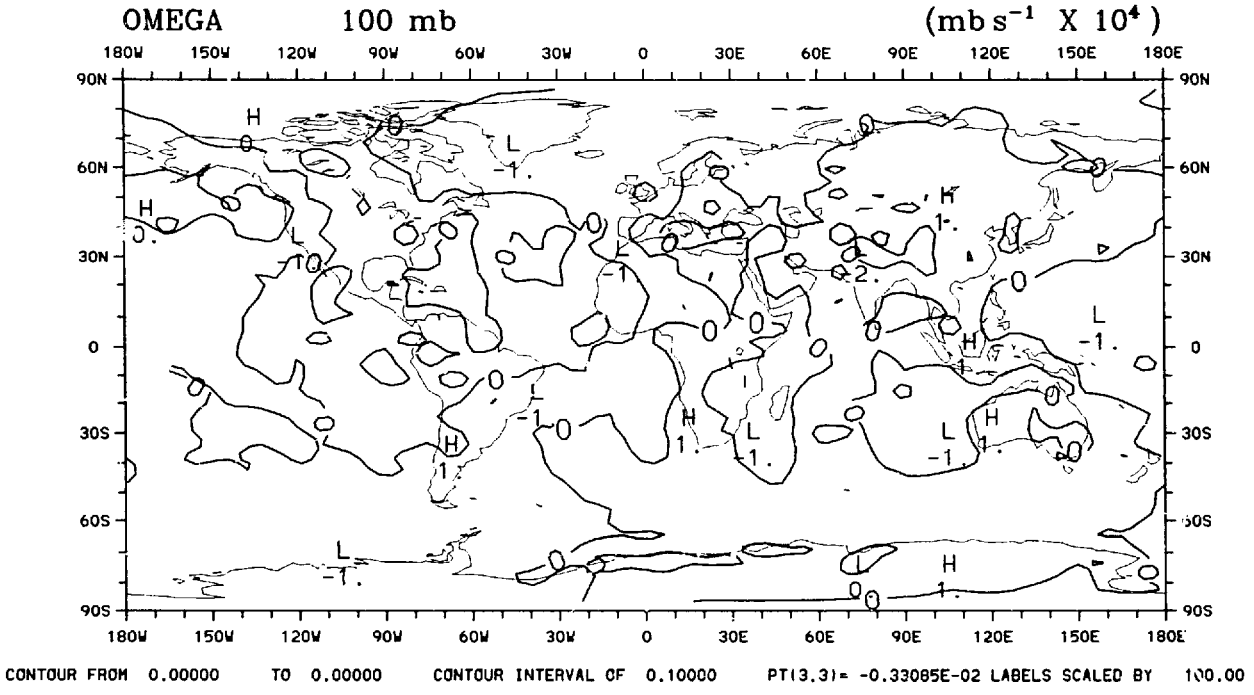
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.51498E-02 LABELS SCALED BY 10**.00

FRAME 1.36

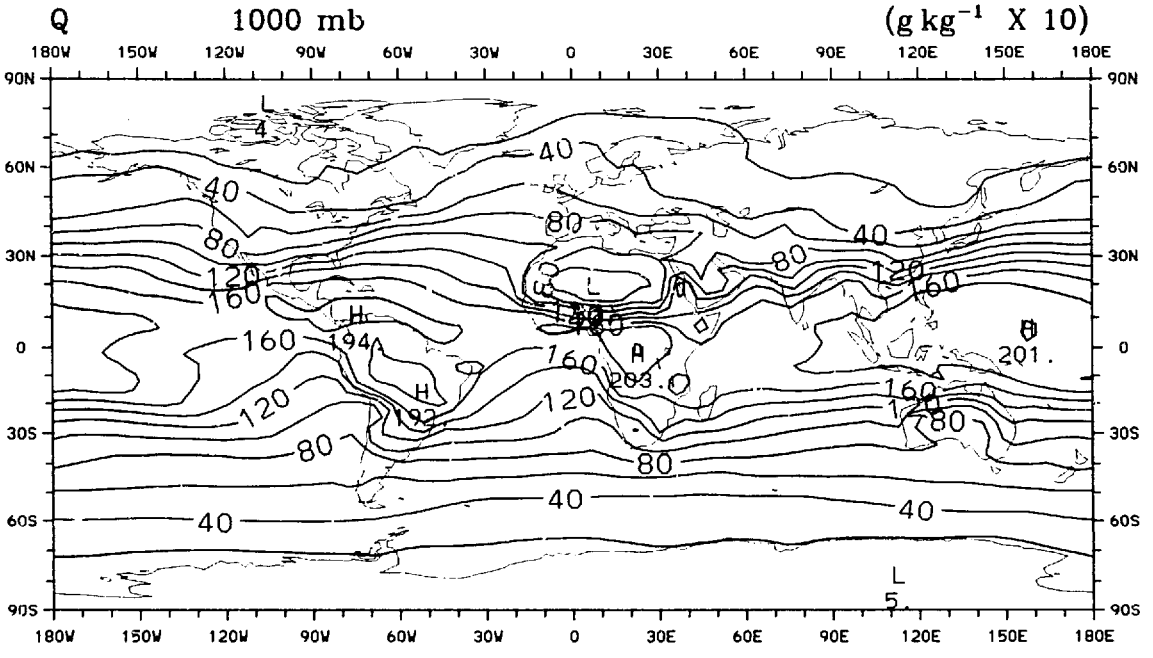
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.33085E-02 LABELS SCALED BY 100.00

FRAME 1,35

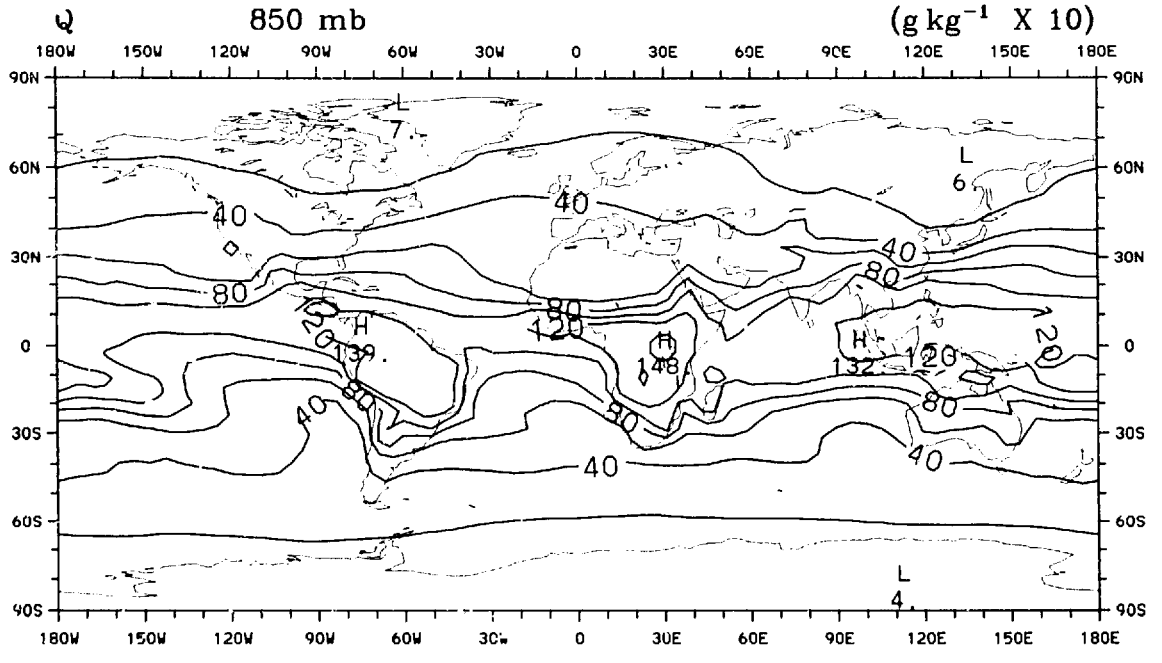
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.13077E-02 LABELS SCALED BY 10000.

FRAME 1.36

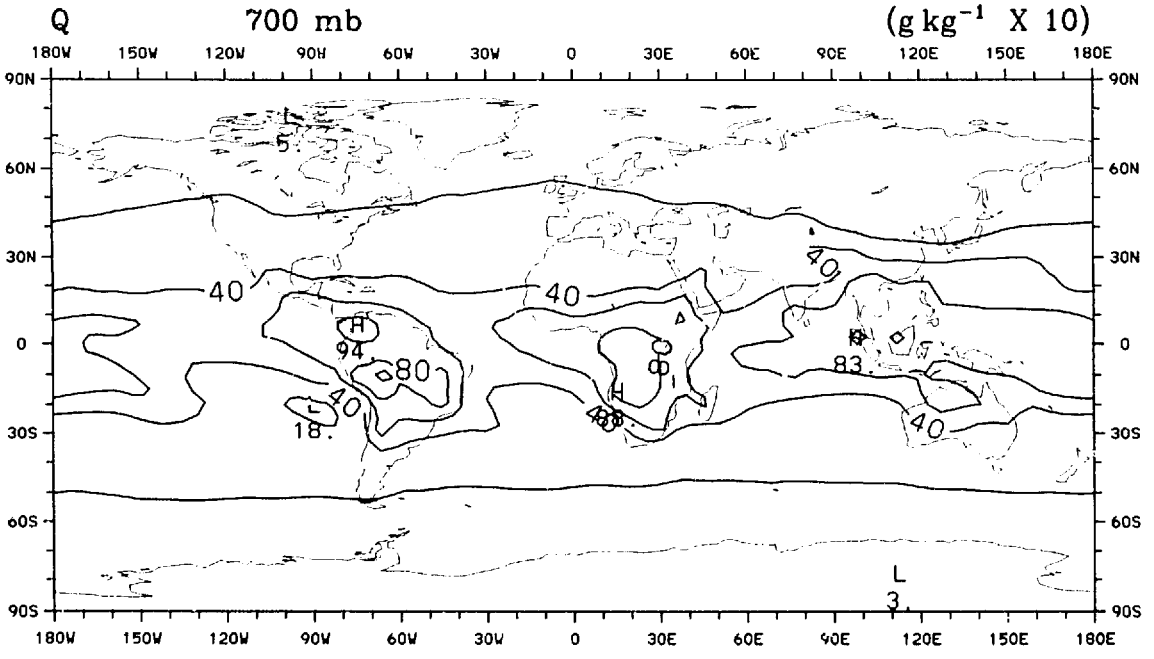
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.89397E-03 LABELS SCALED BY 10000.

FRAME 1.37

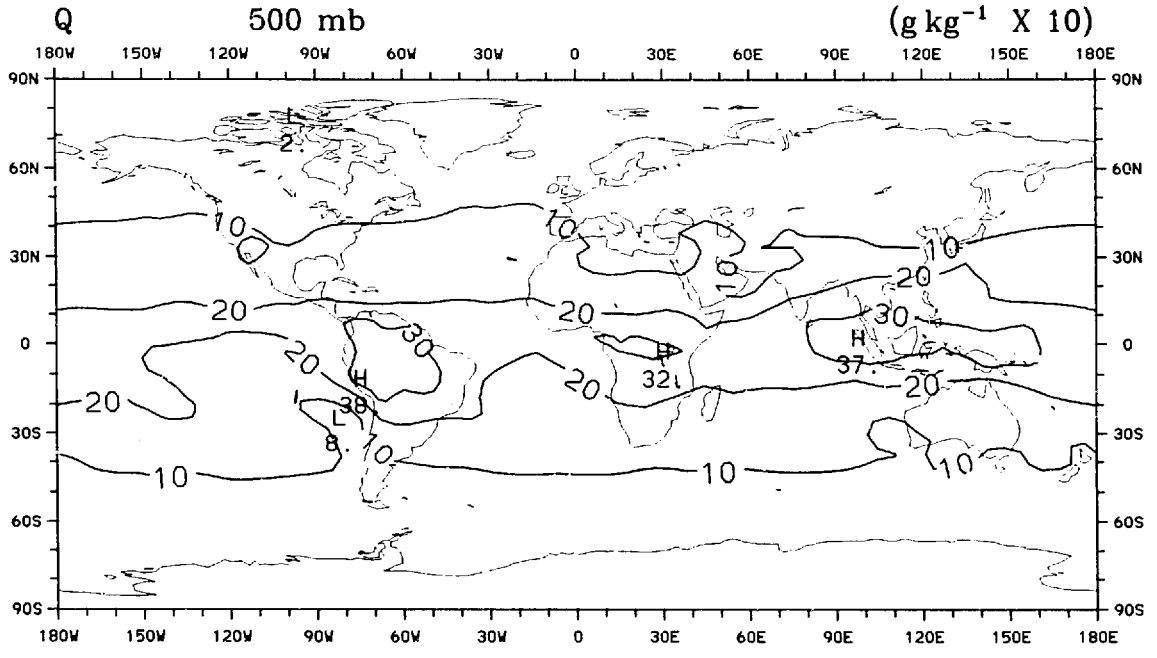
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.62594E-03 LABELS SCALED BY 10000.

FRAME 1.38

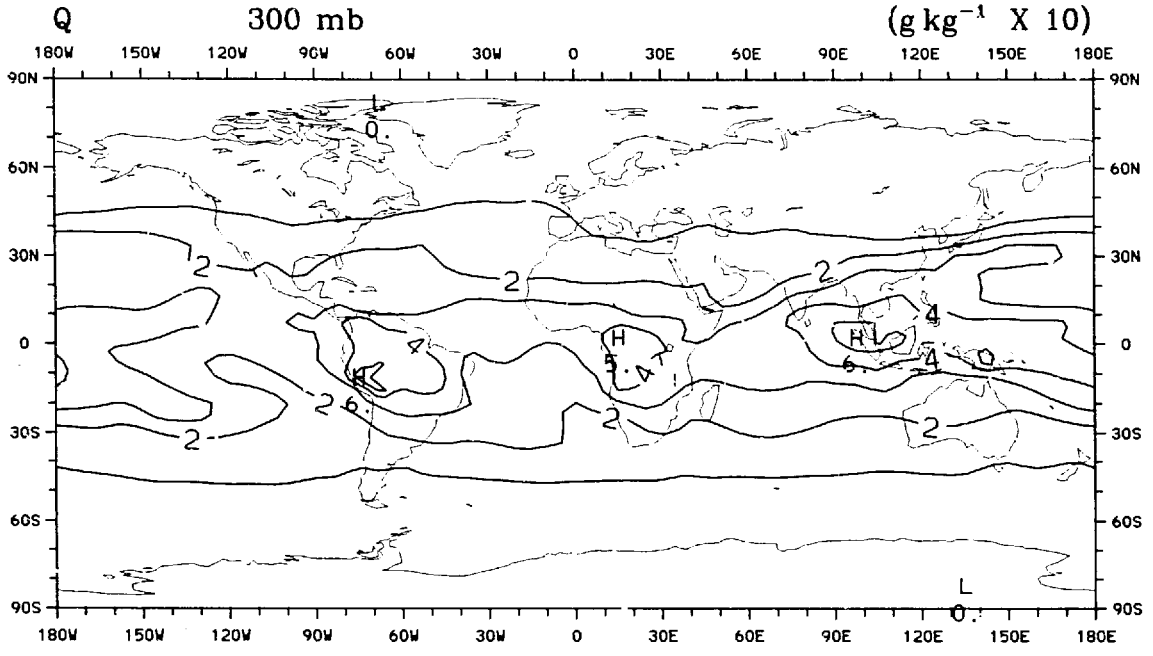
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.23121E-03 LABELS SCALED BY 10000.

FRAME 1.39

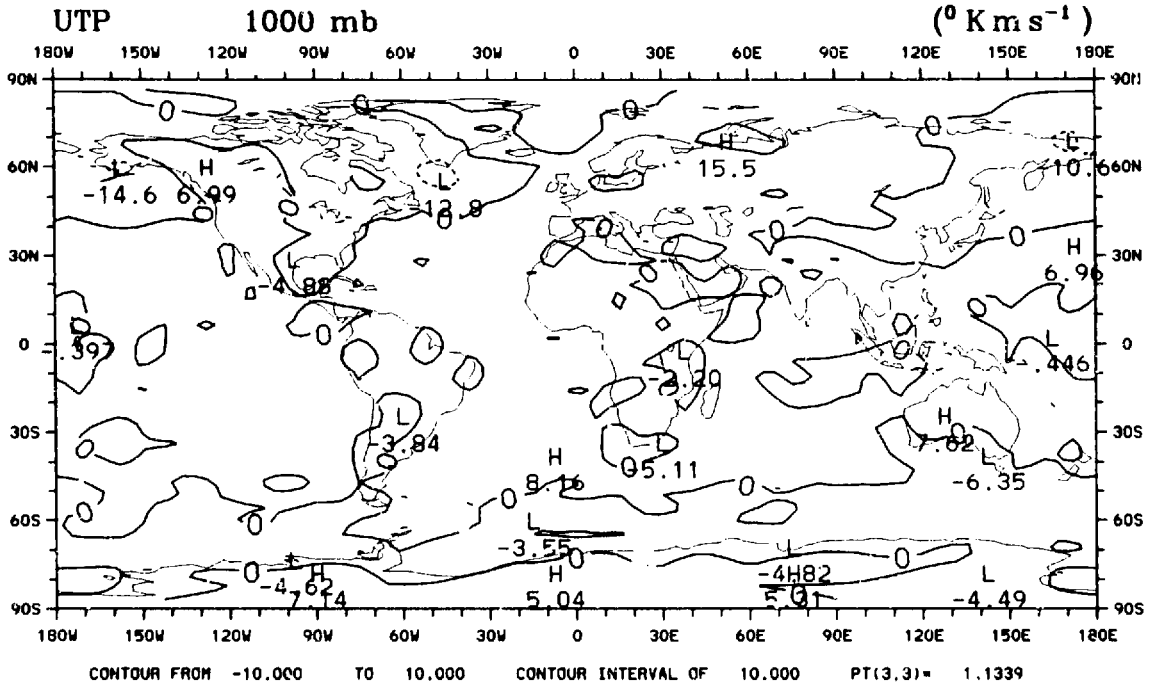
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.50000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.25861E-04 LABELS SCALED BY 10000.

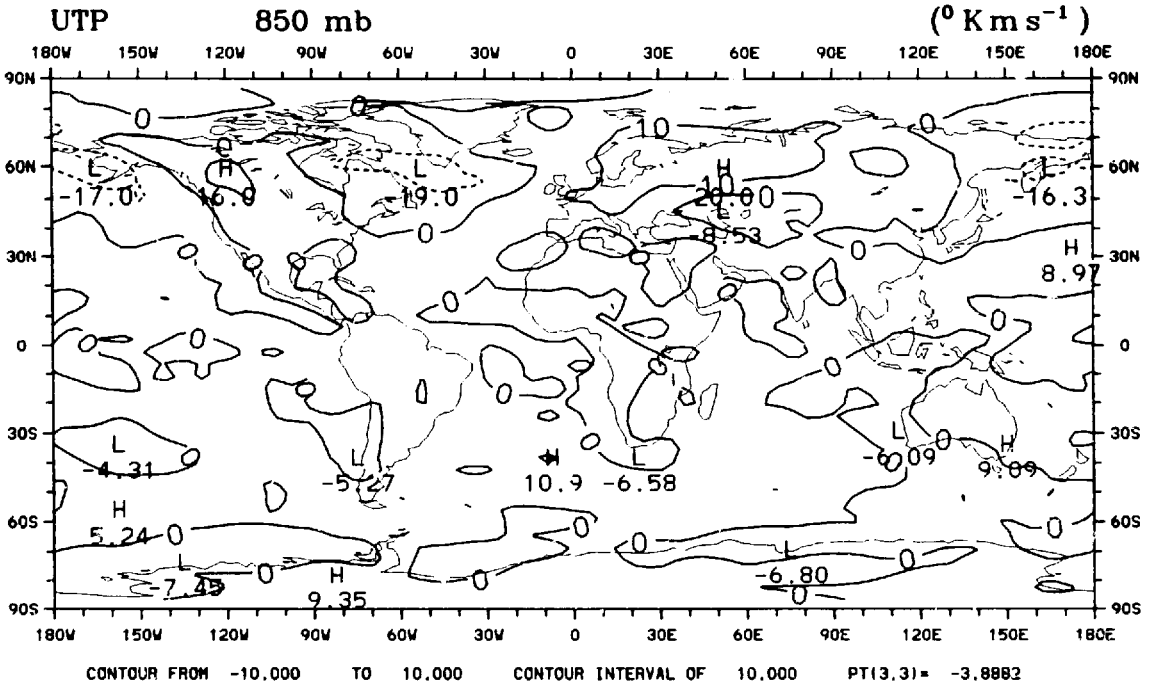
FRAME 1.40

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



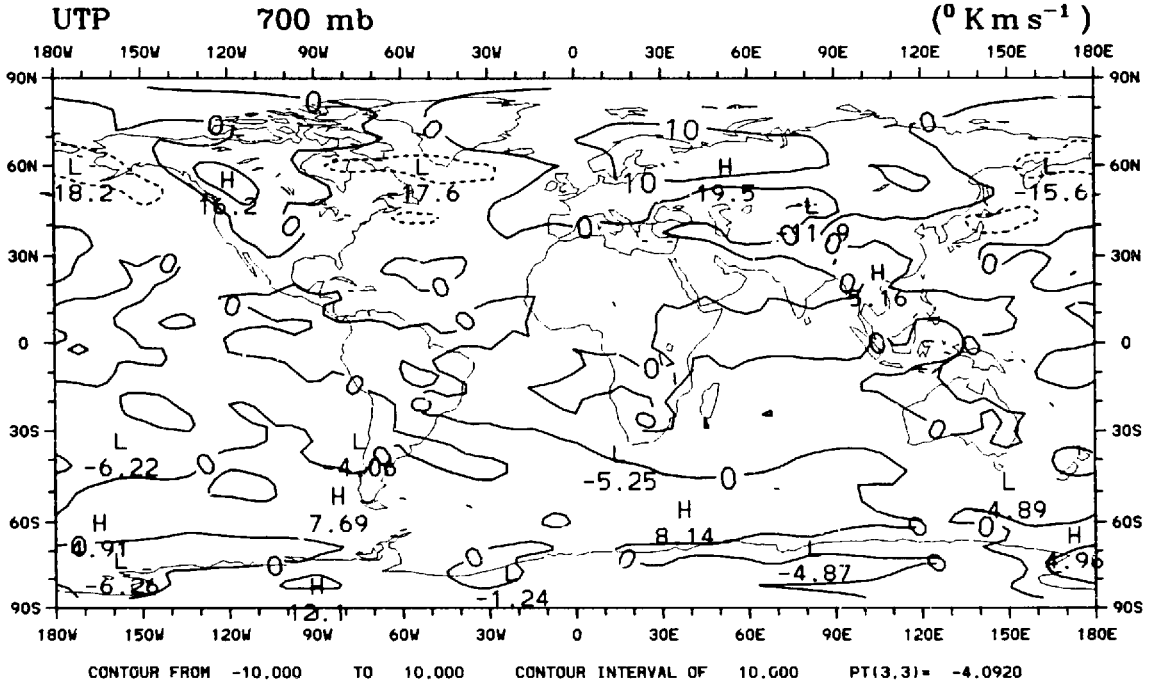

FRAME 1.41

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



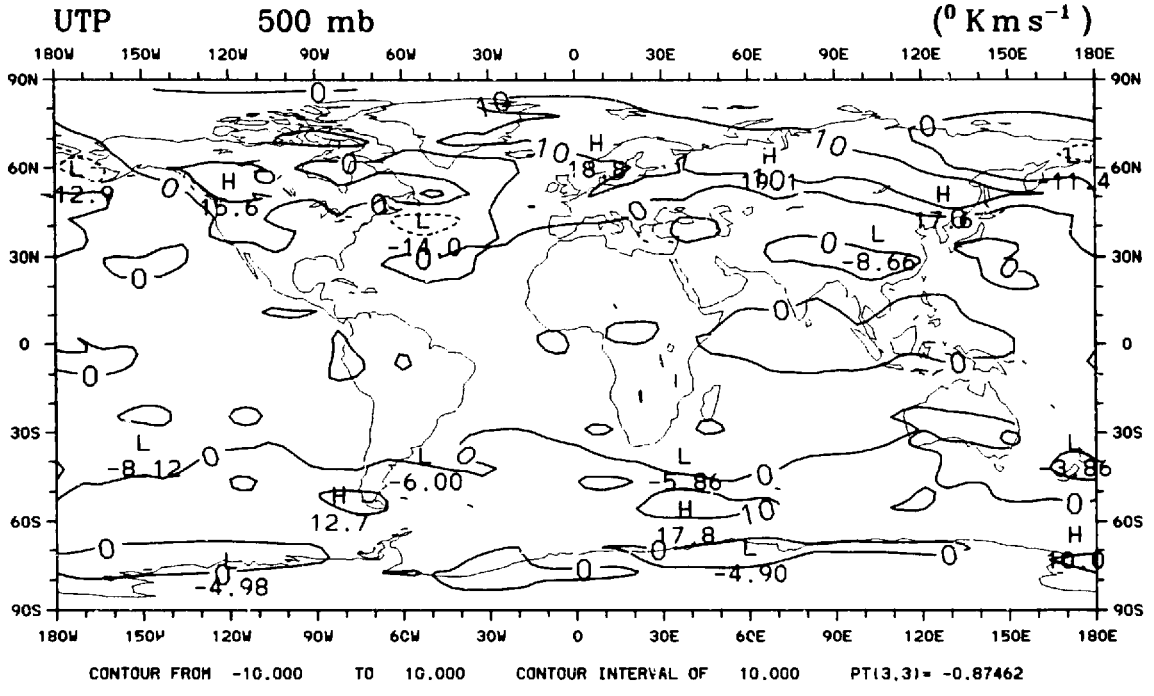

FRAME 1.42

## EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



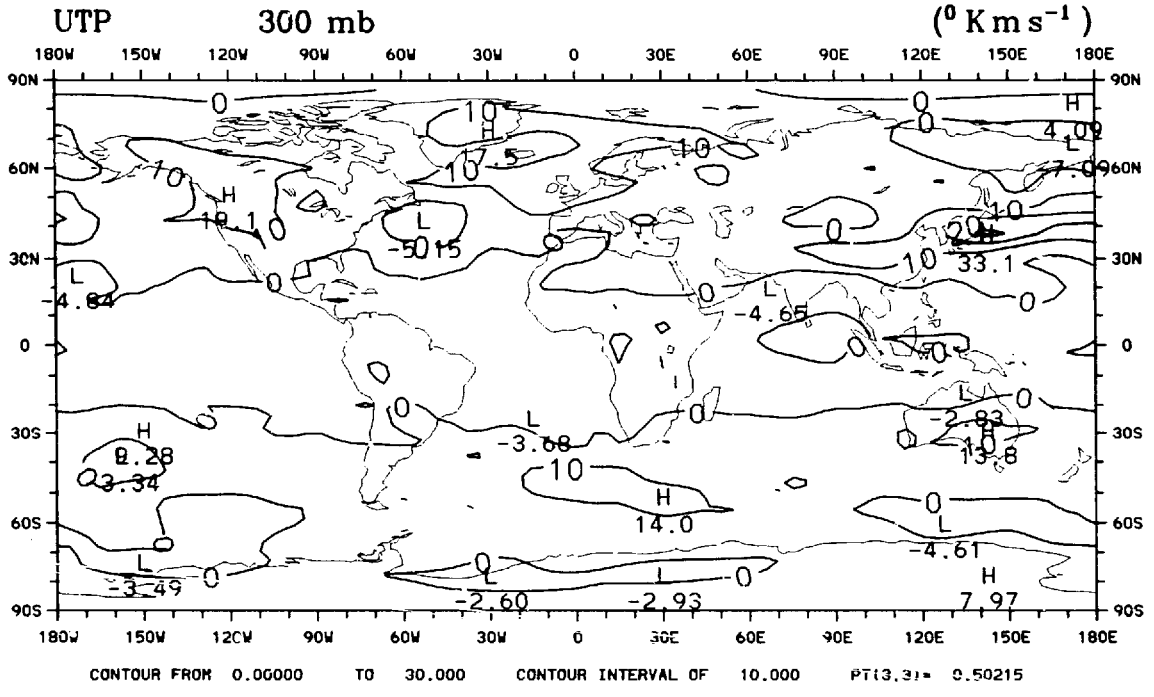

FRAME 1.43

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



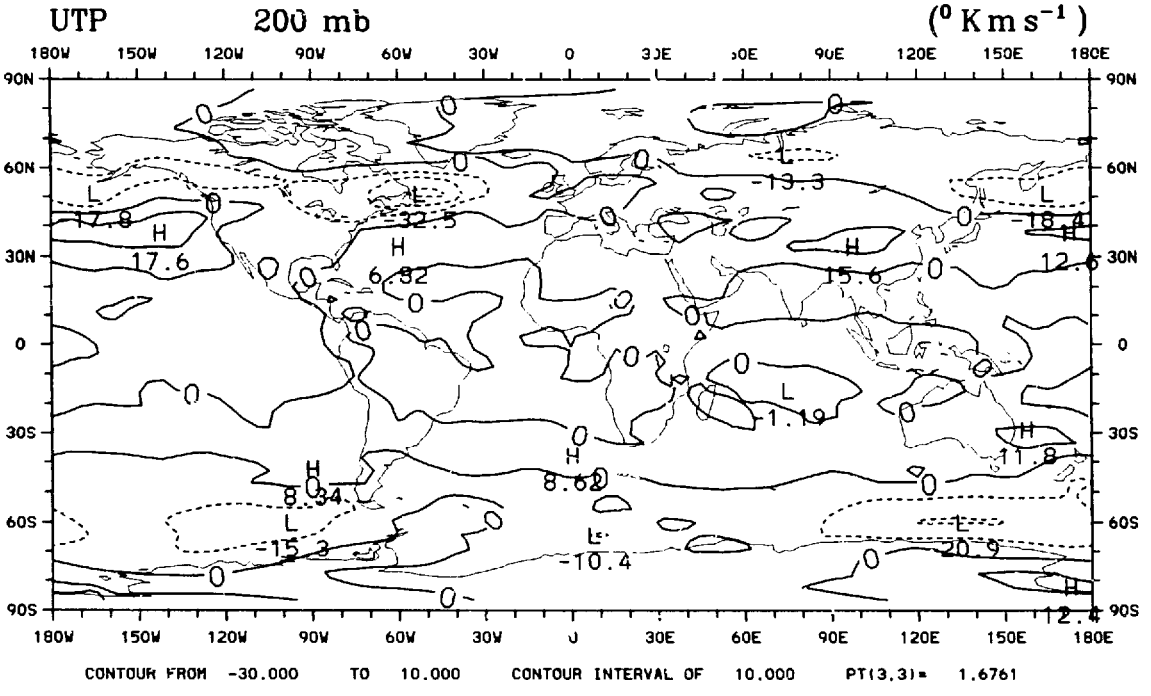

FRAME 1.44

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



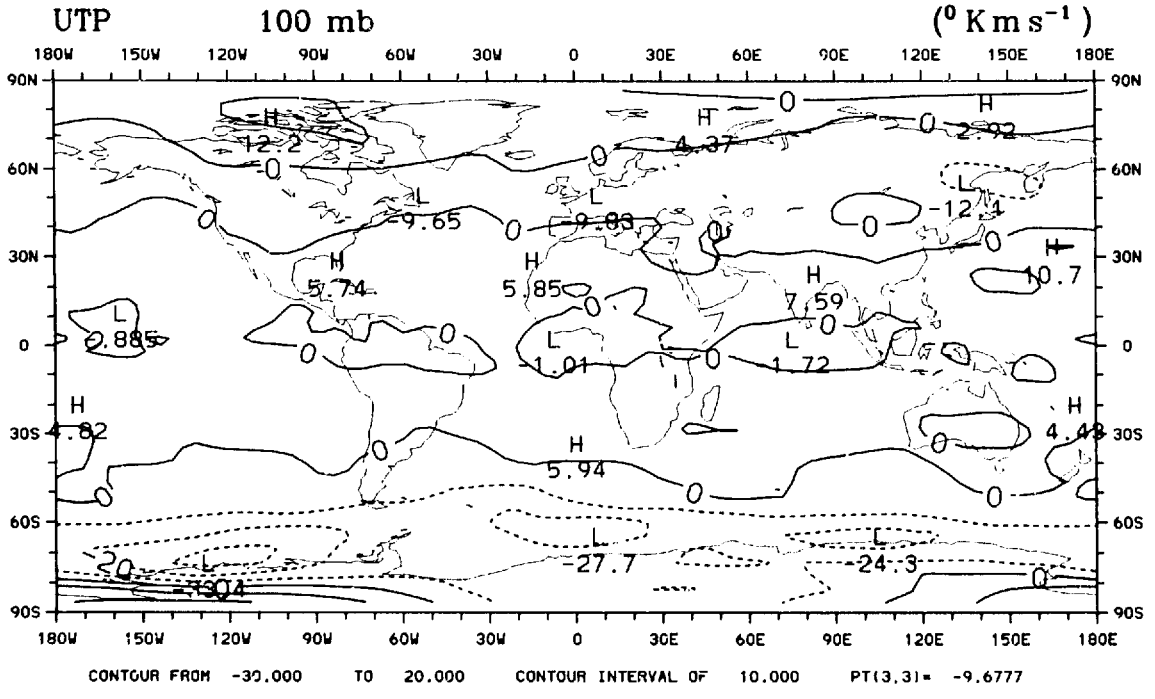

FRAME 1.45

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



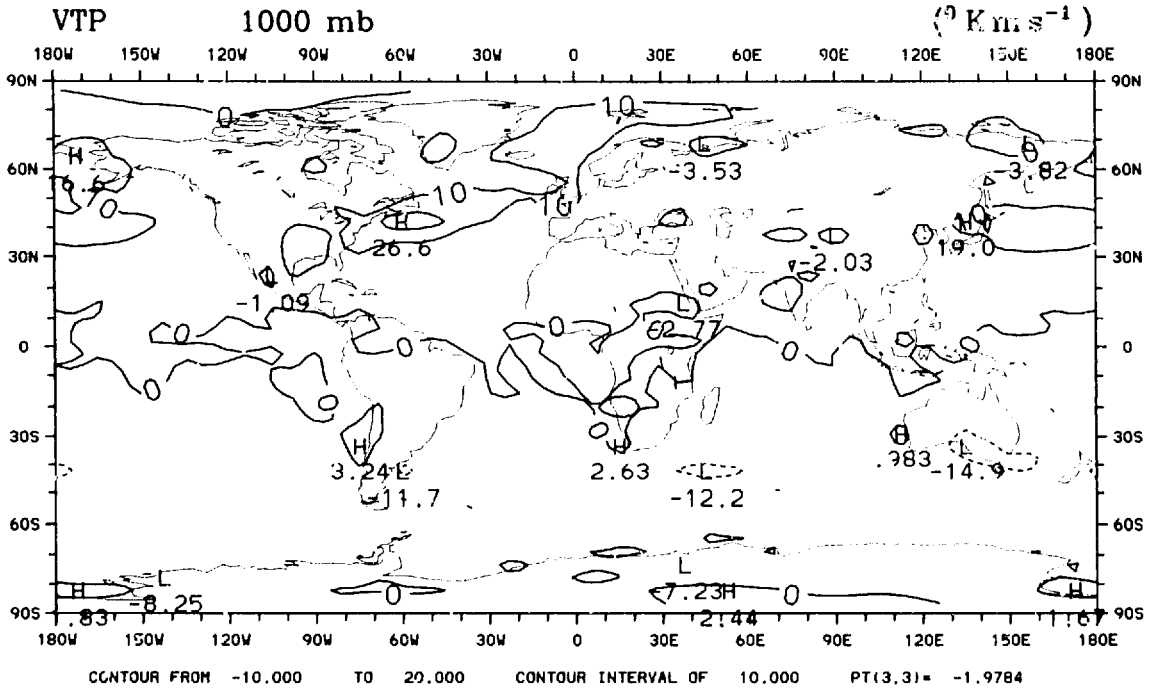

FRAME 1.46

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



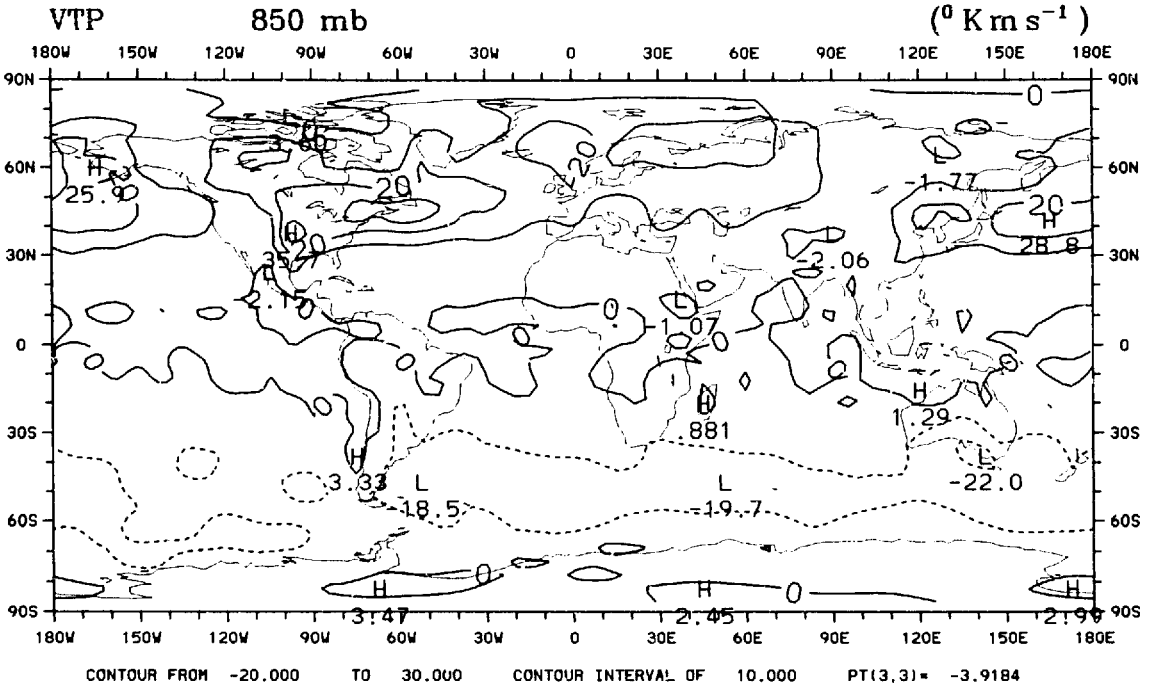

FRAME 1.47

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



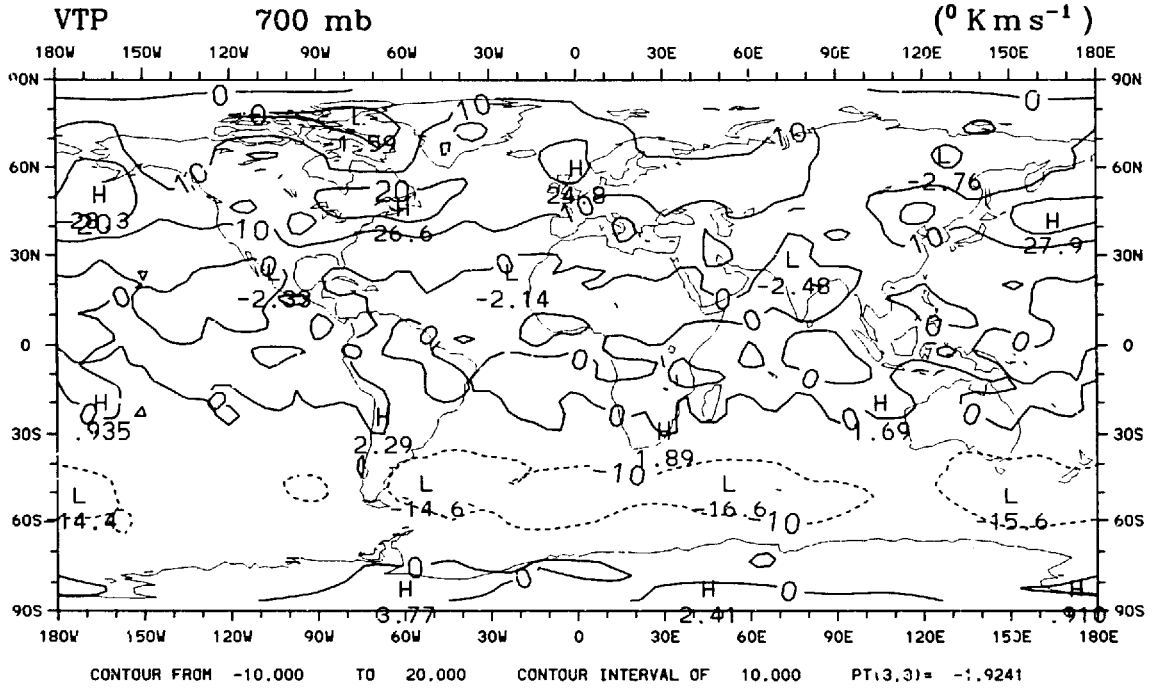

FRAME 1.48

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



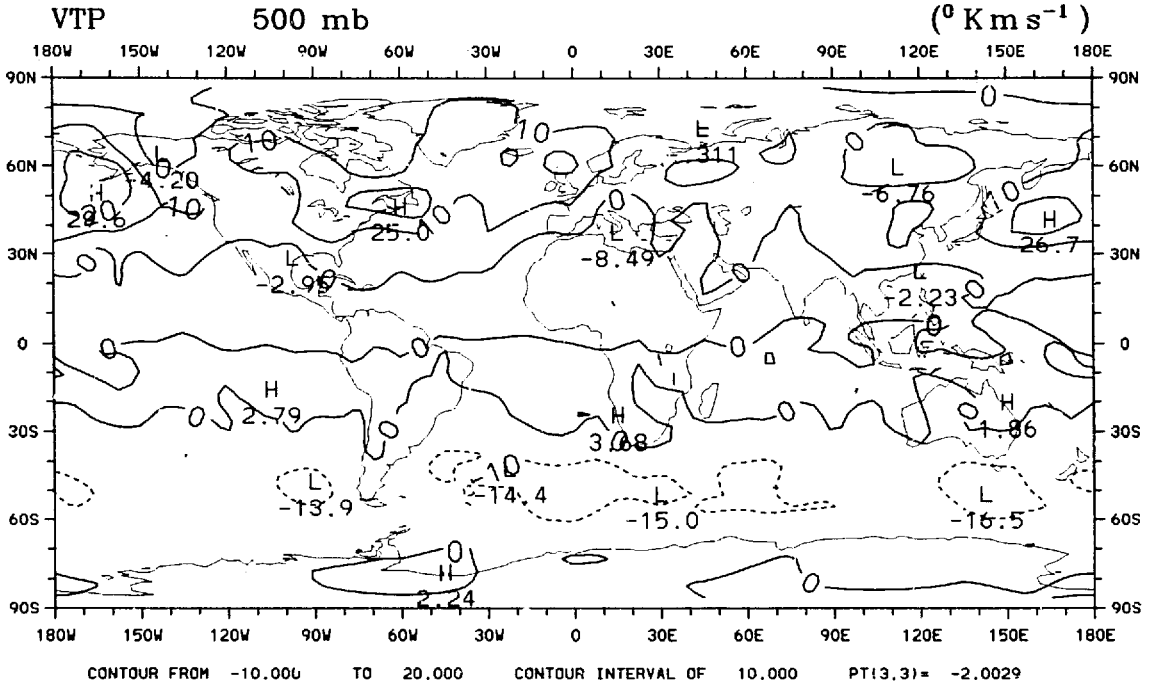

FRAME 1.49

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



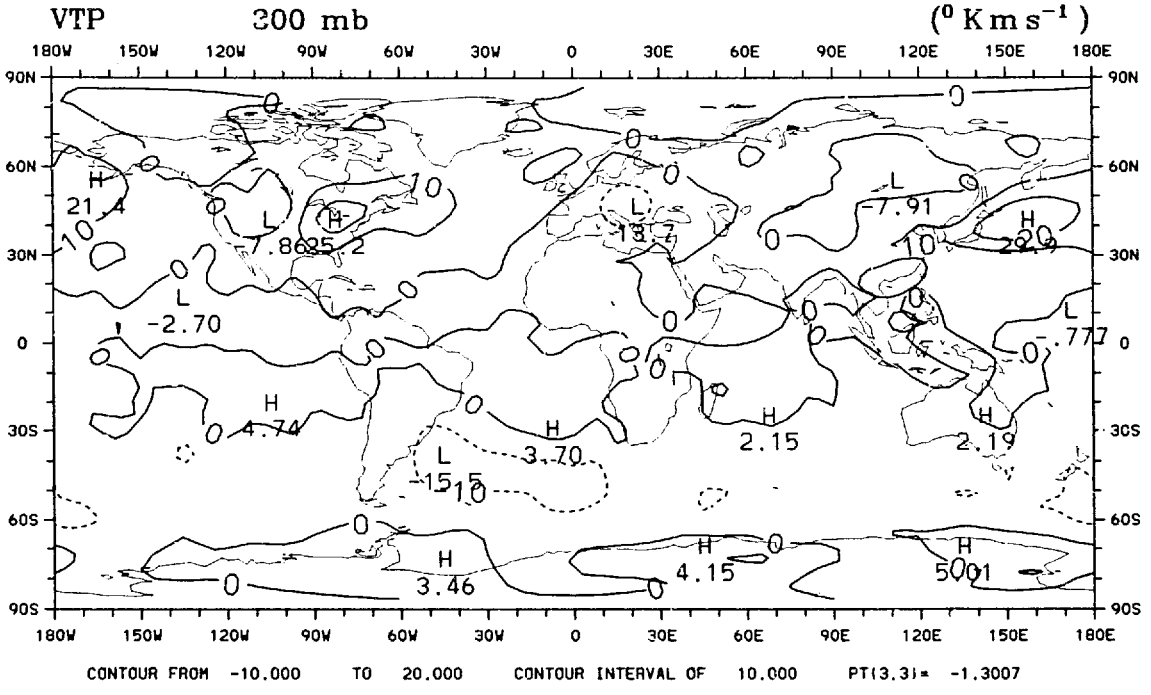

FRAME 1.50

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



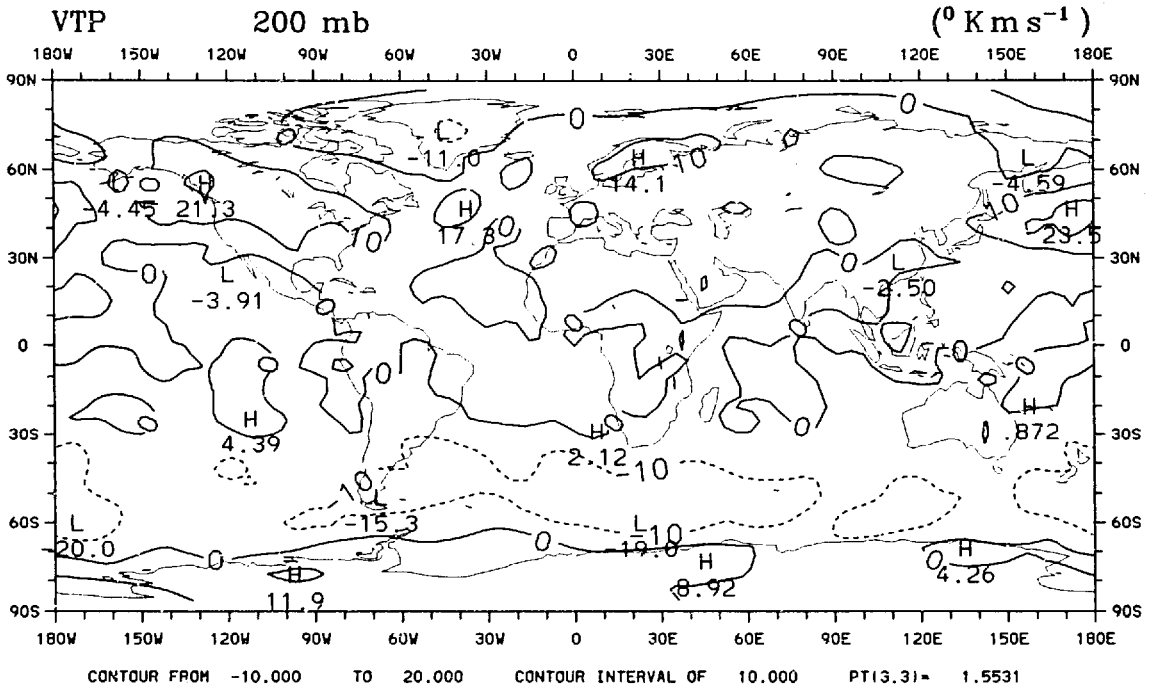

FRAME 1.51

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



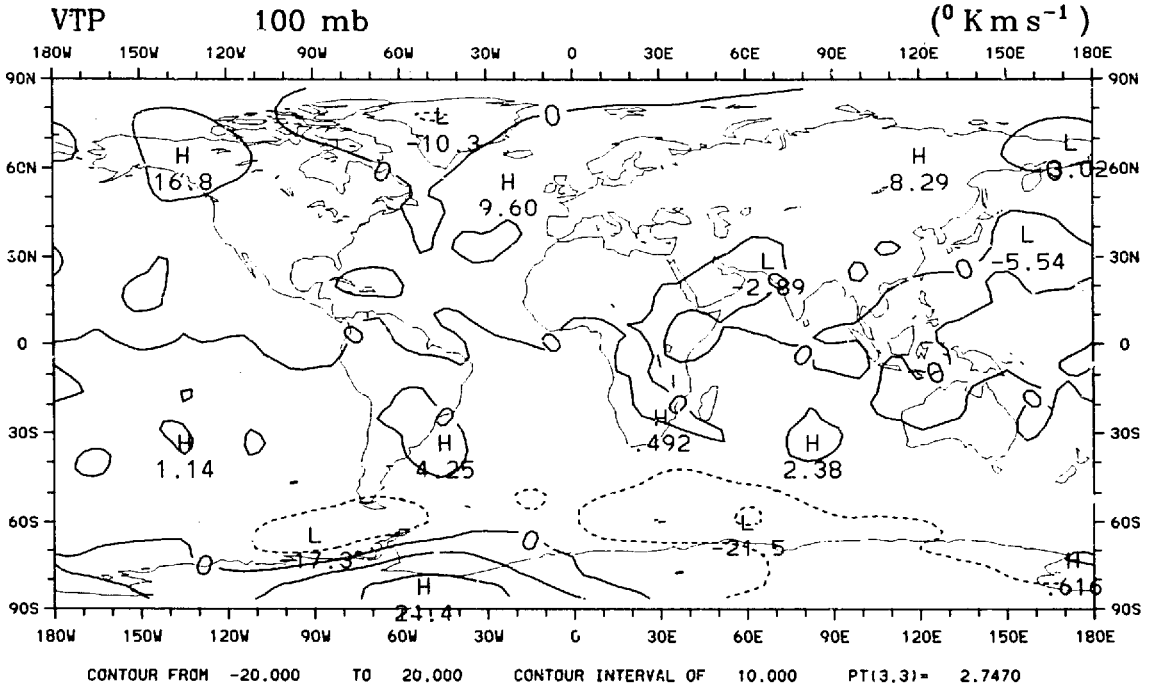

FRAME 1.52

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



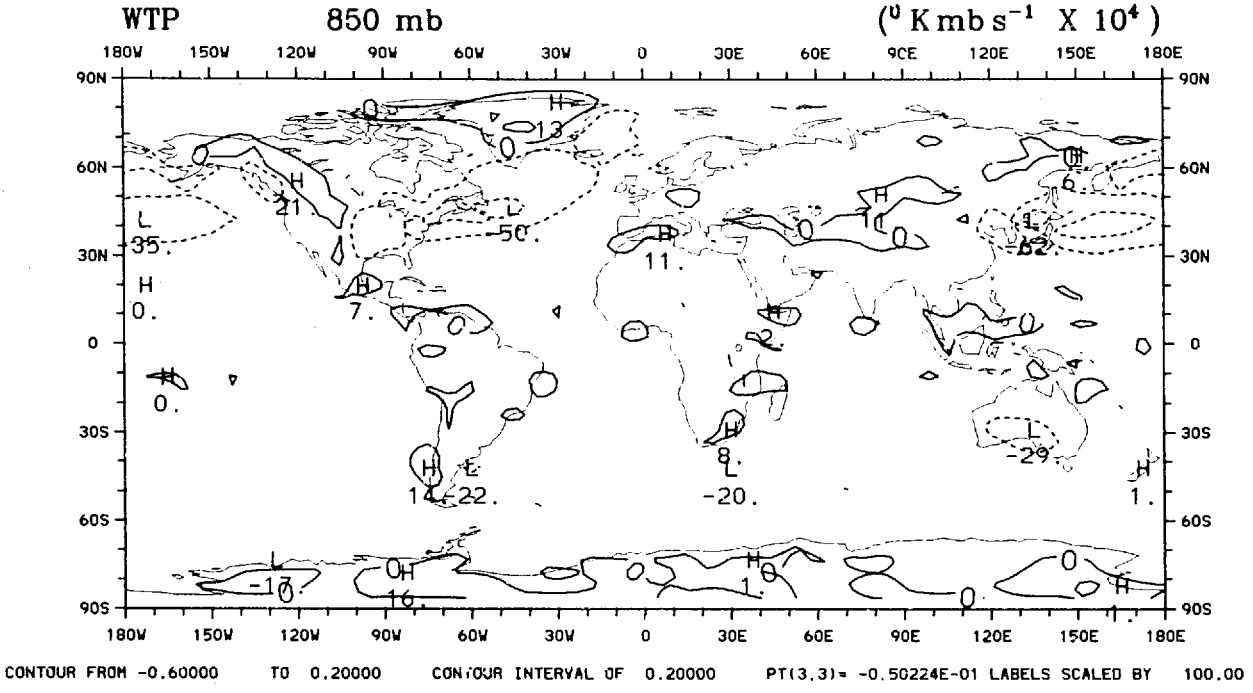

FRAME 1.53

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.54

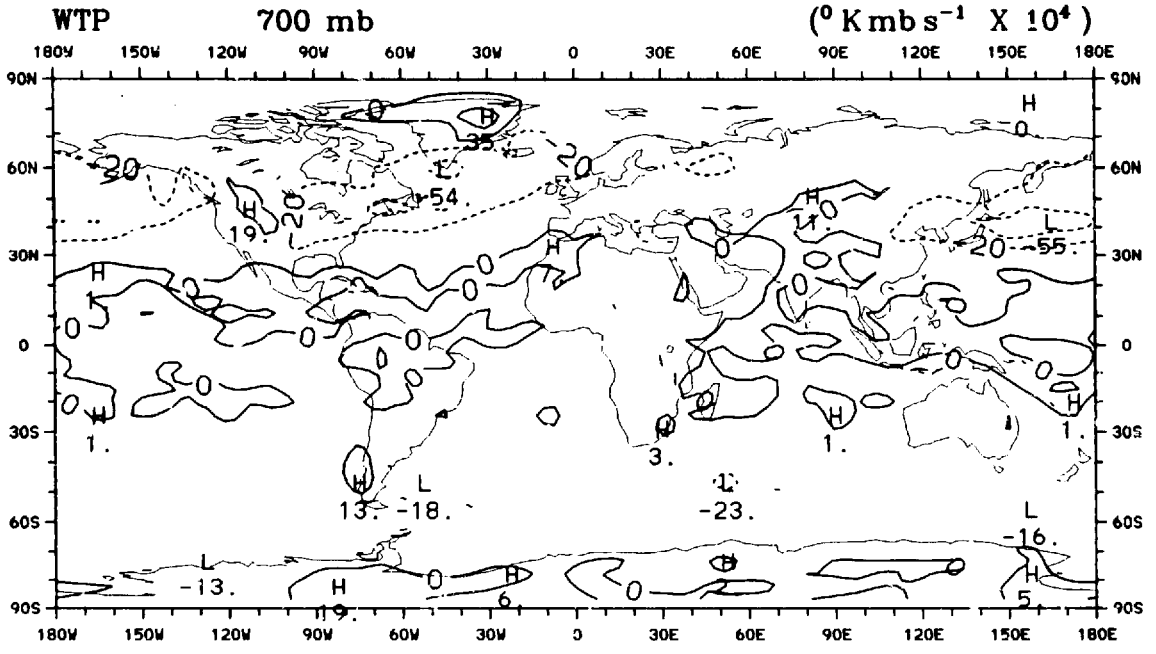
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.60000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.50224E-01 LABELS SCALED BY 100.00

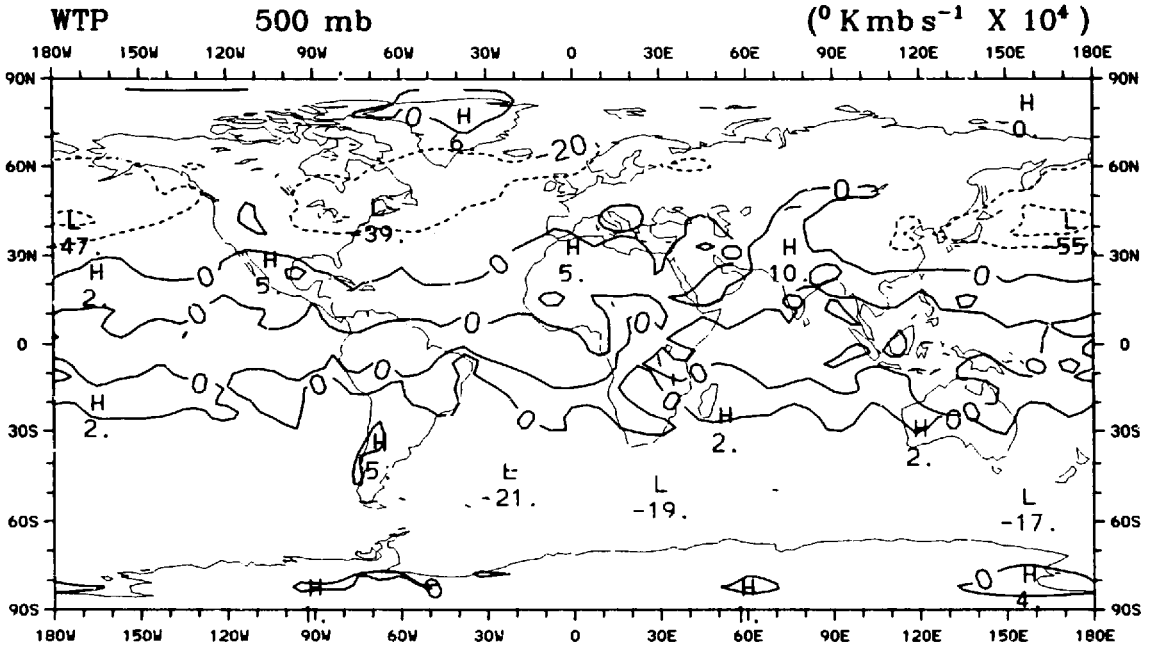
FRAME 1.55

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.56

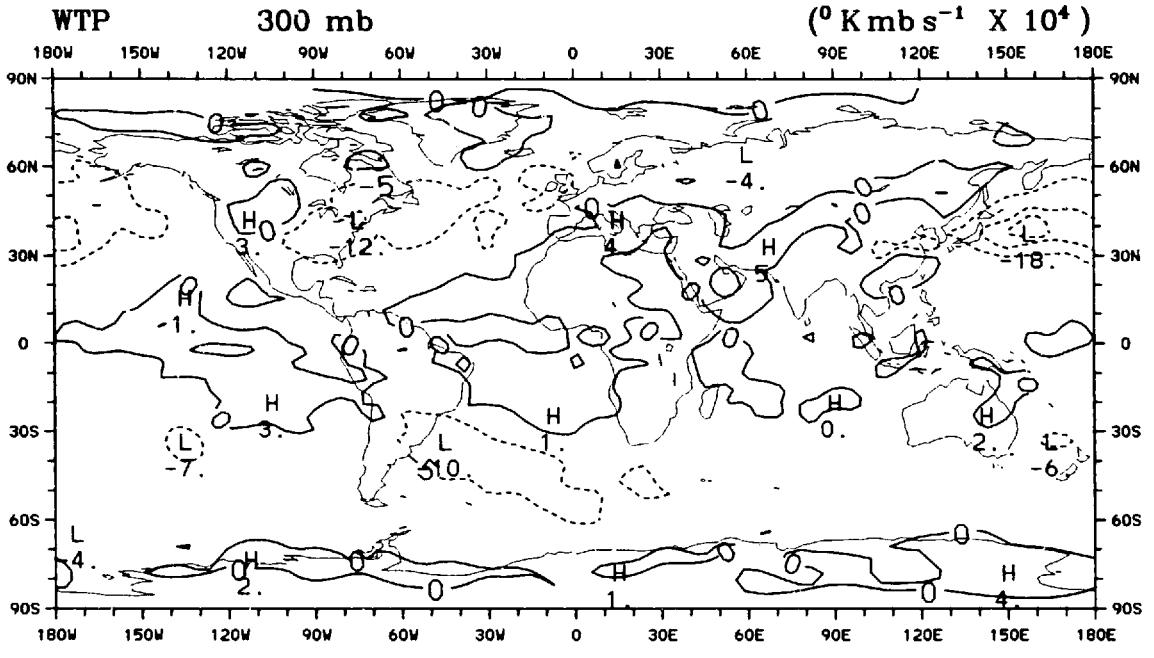
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000 TO 0.00000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.41504E-01 LABELS SCALED BY 100.00

FRAME 1.57

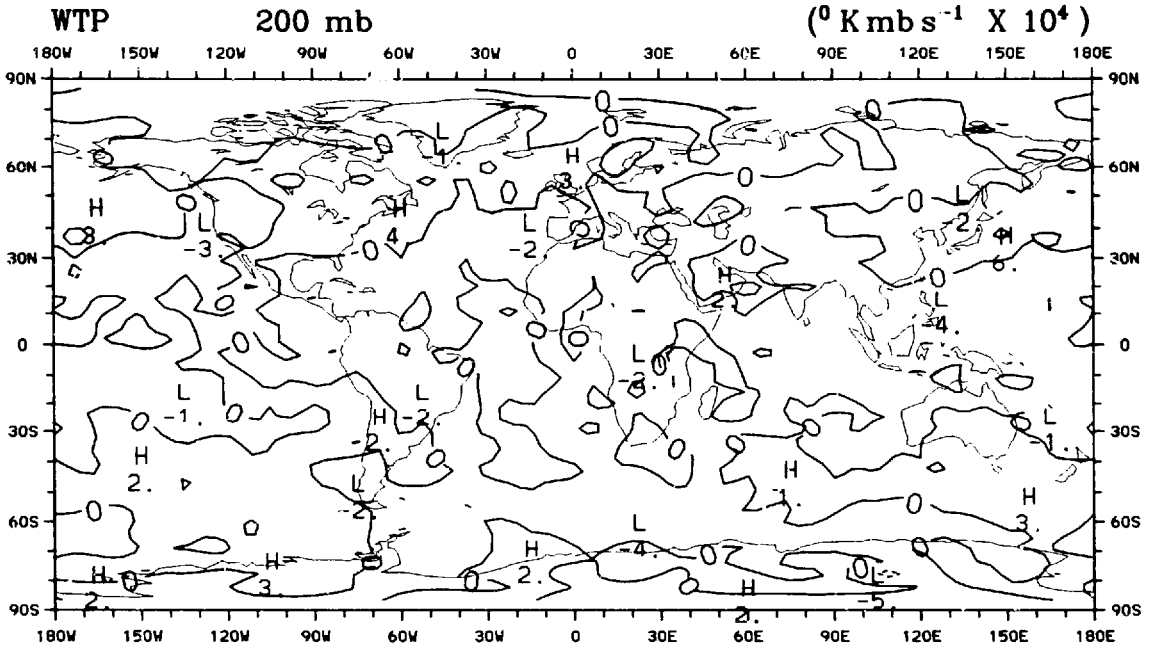
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.41398E-02 LABELS SCALED BY 100.00

FRAME 1.58

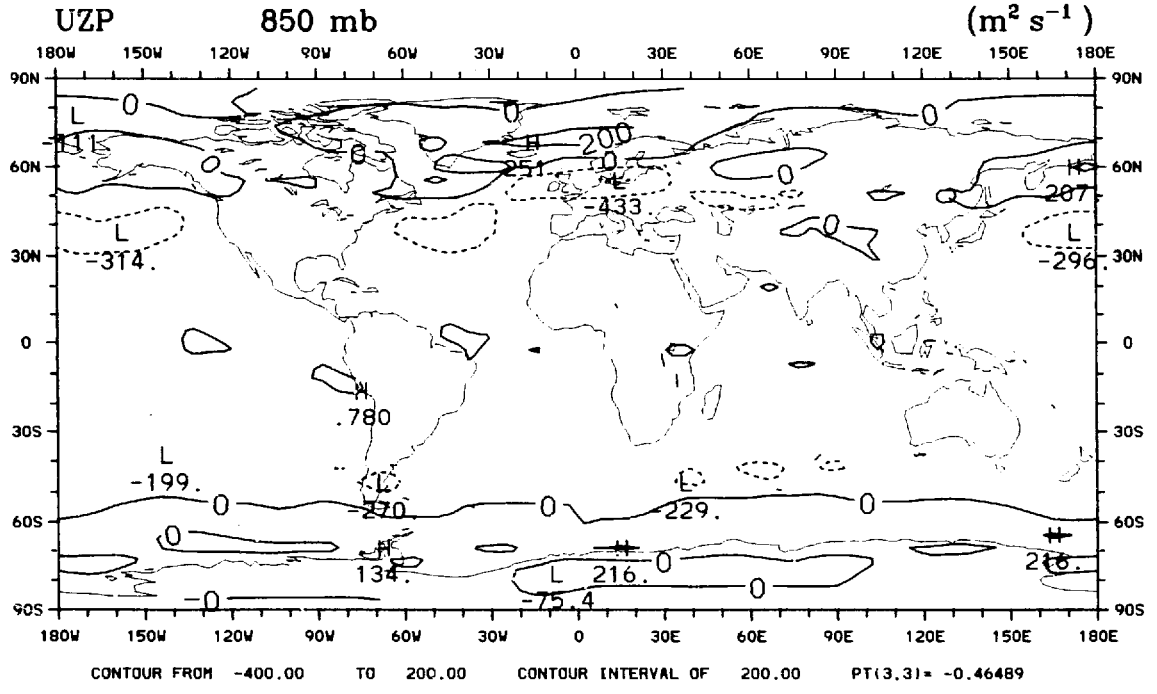
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.50000E-01 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.19293E-01 LABELS SCALED BY 100.00

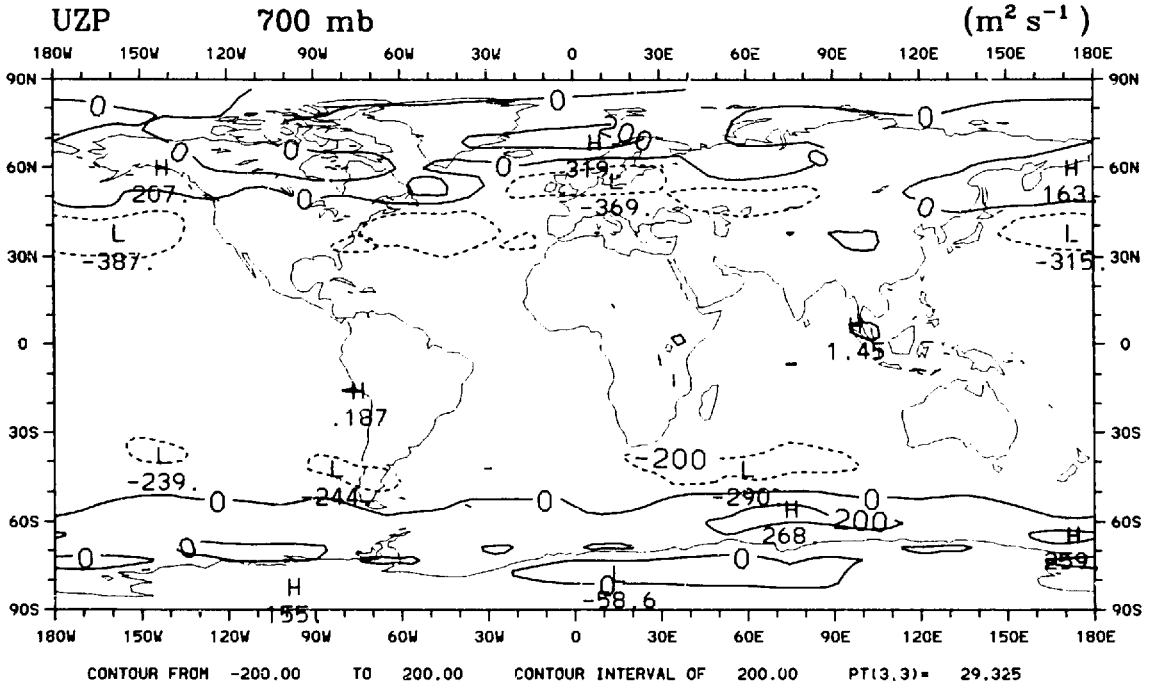
FRAME 1.59

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



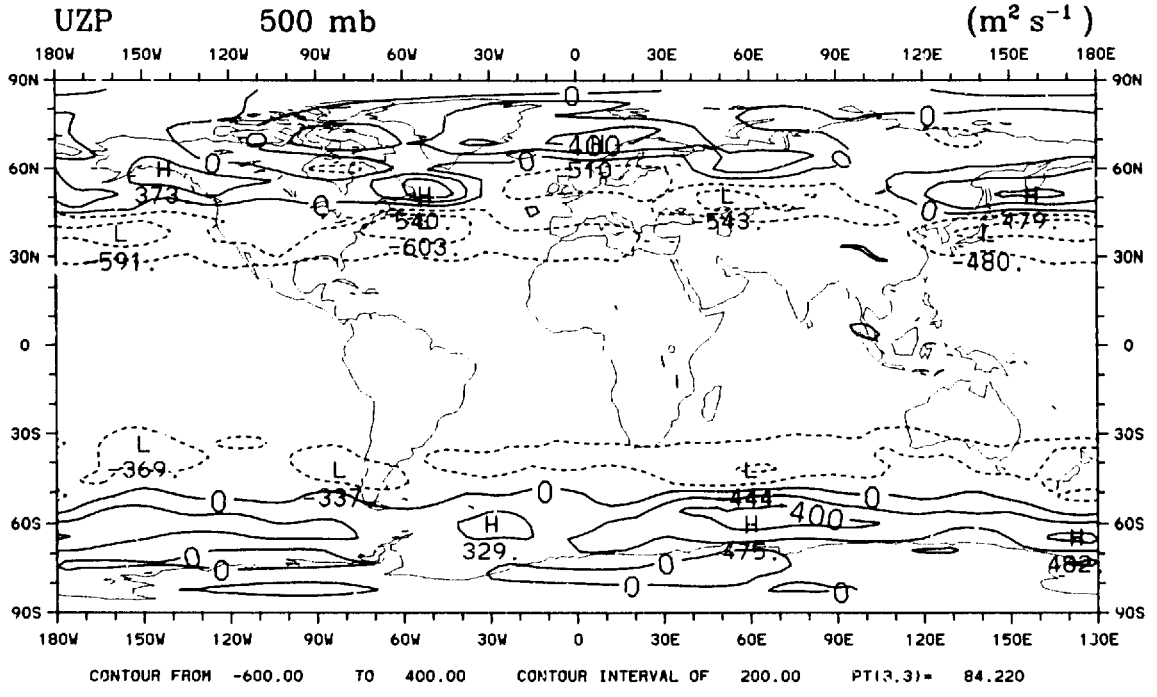

FRAME 1.60

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



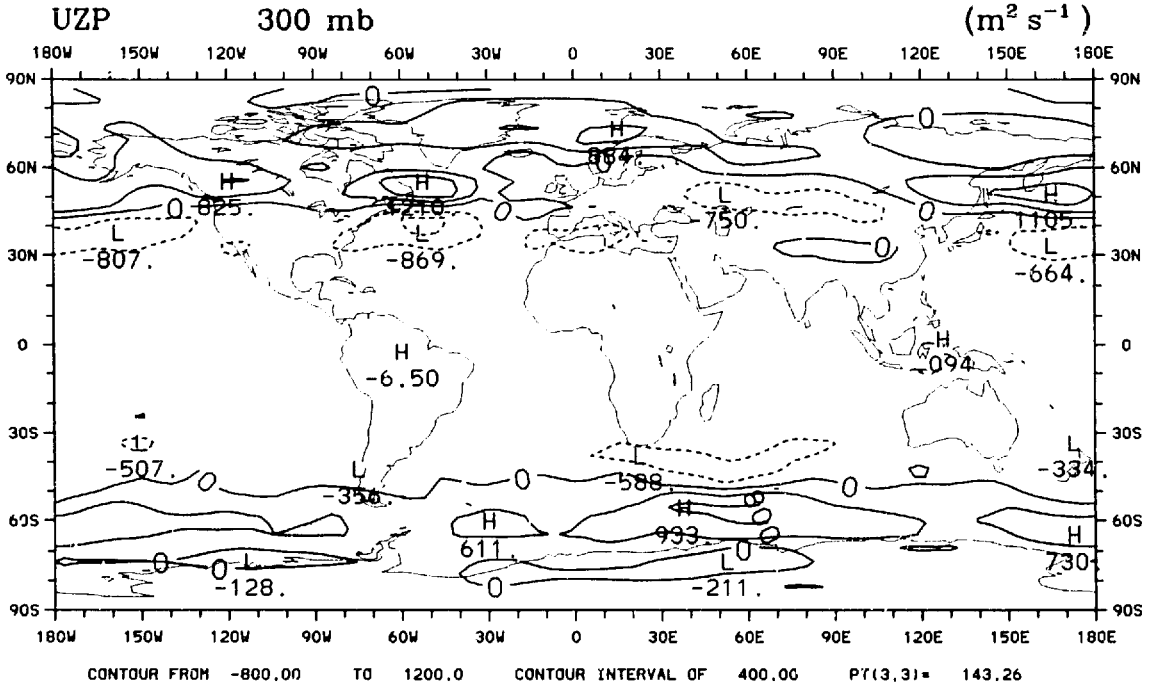

FRAME 1.61

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



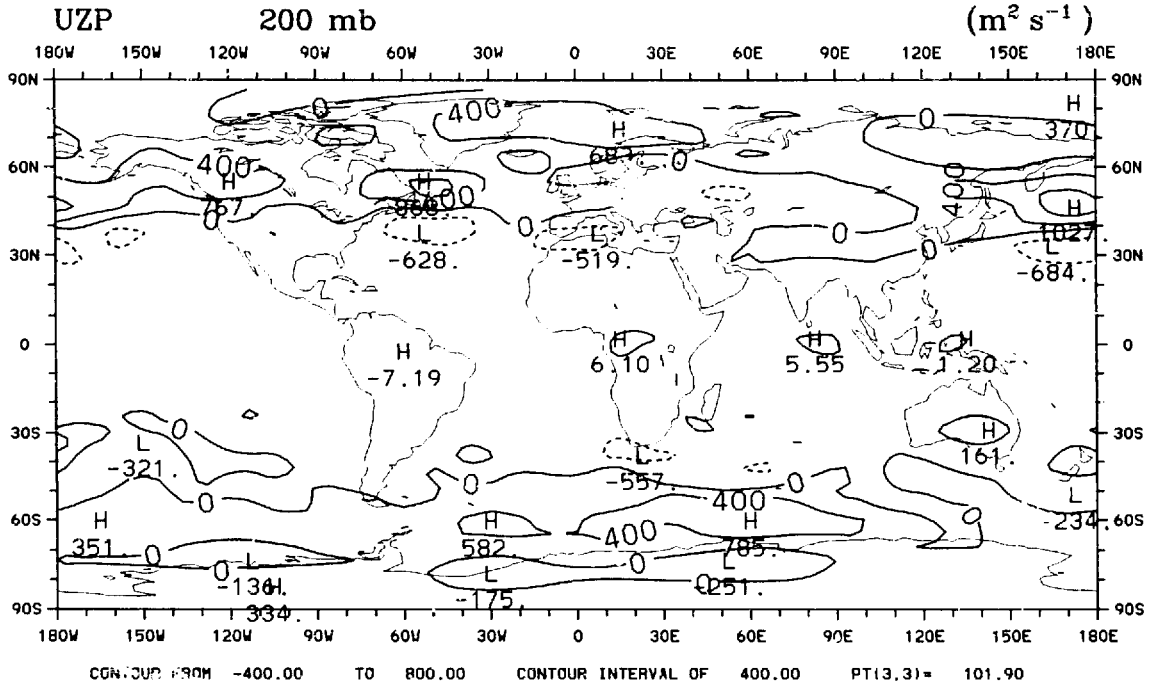

FRAME 1.62

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



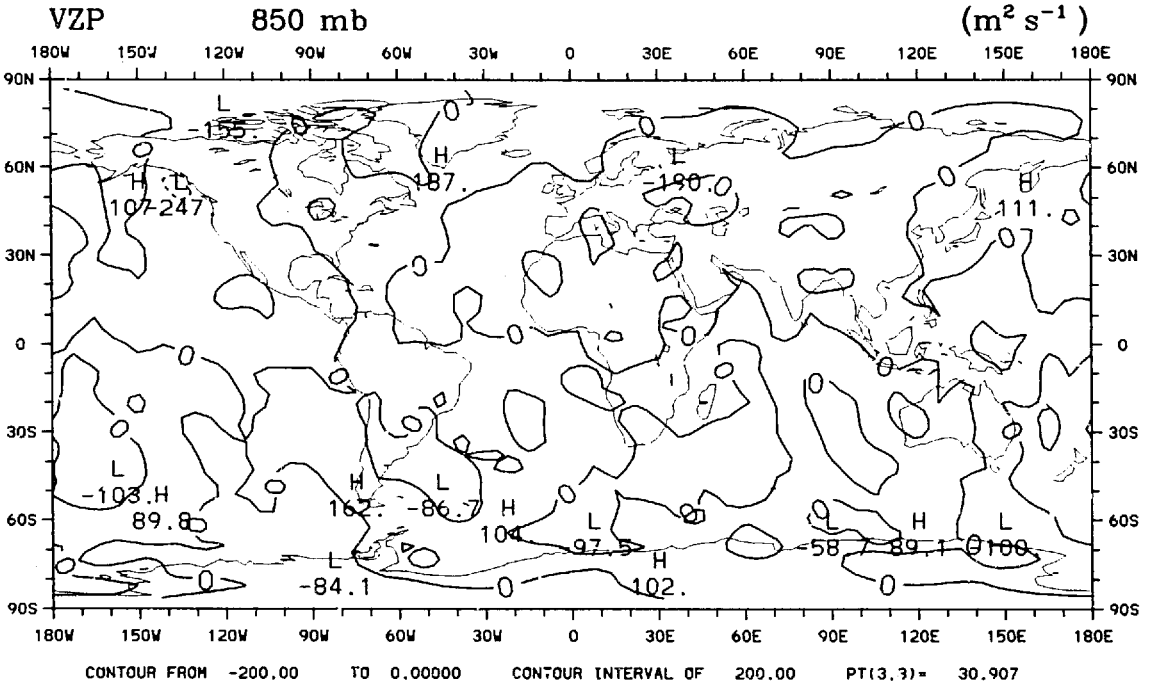

FRAME 1.63

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



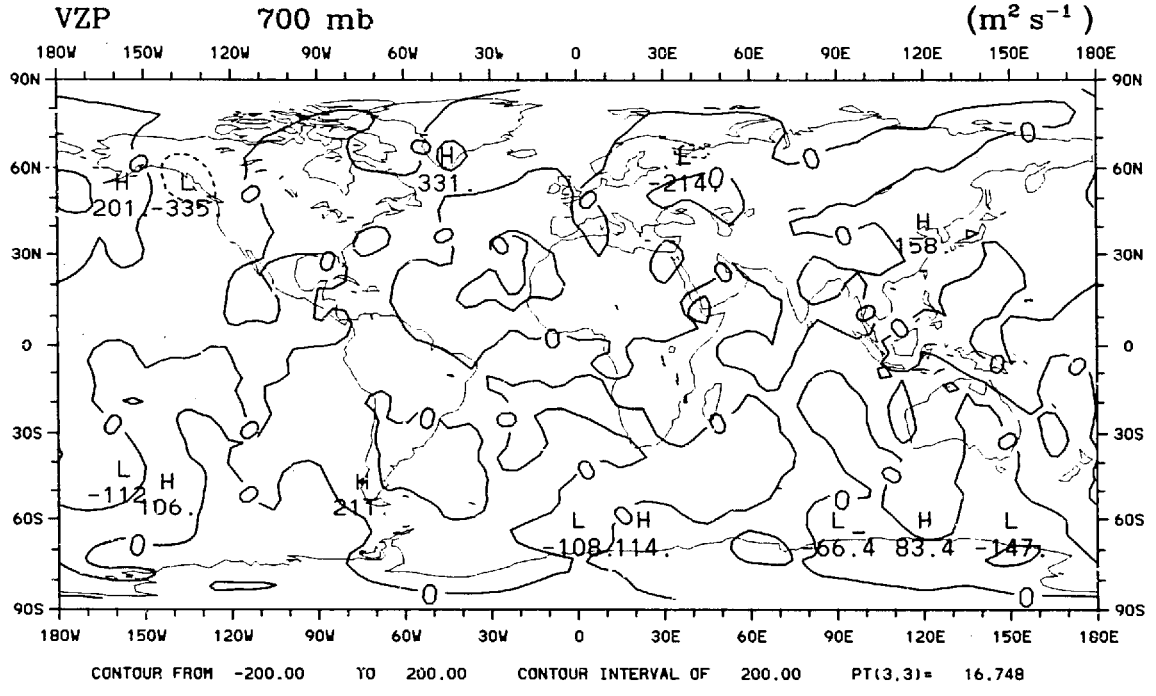

FRAME 1.64

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



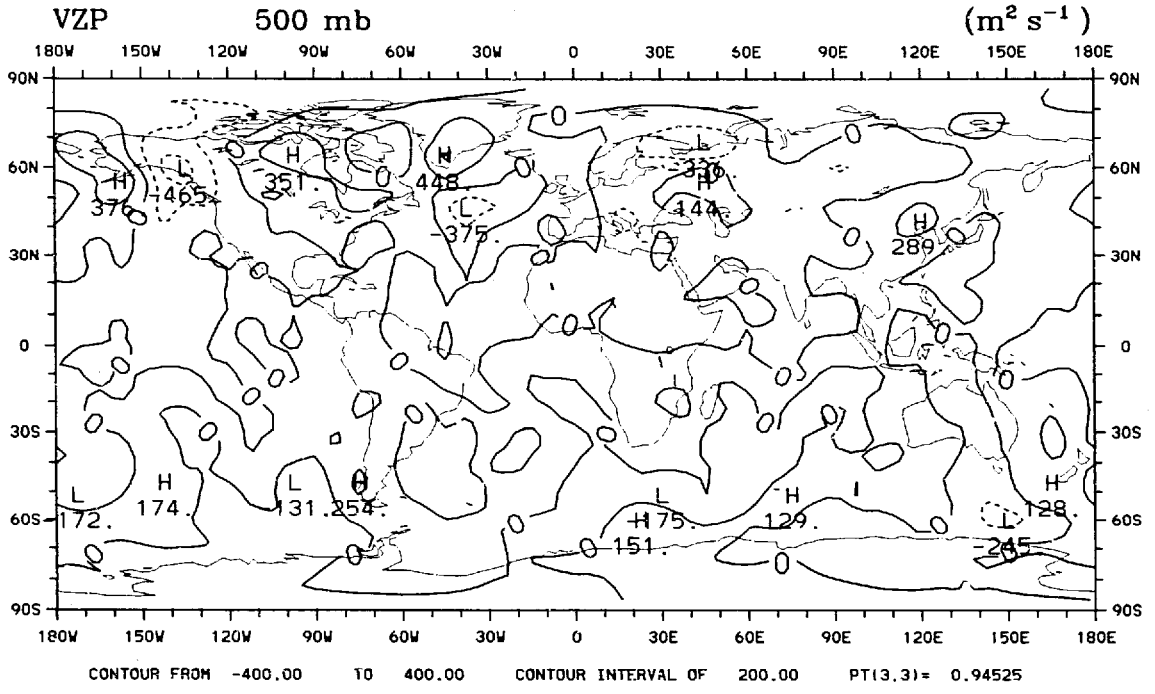

FRAME 1.65

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



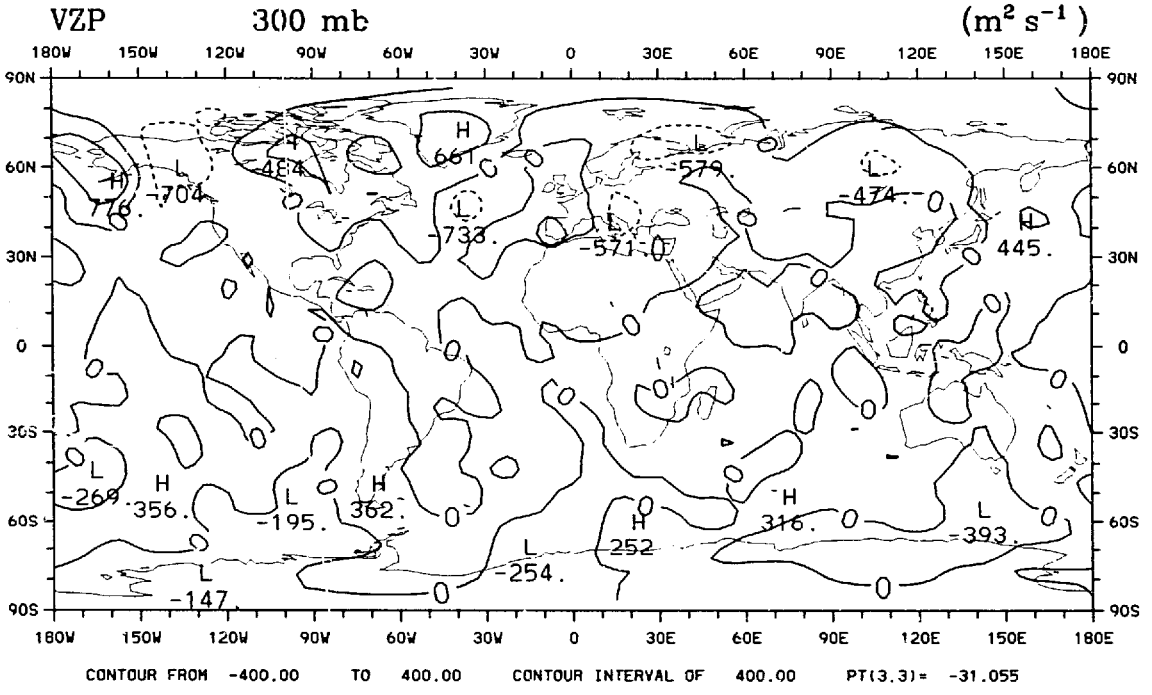

FRAME 1.66

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



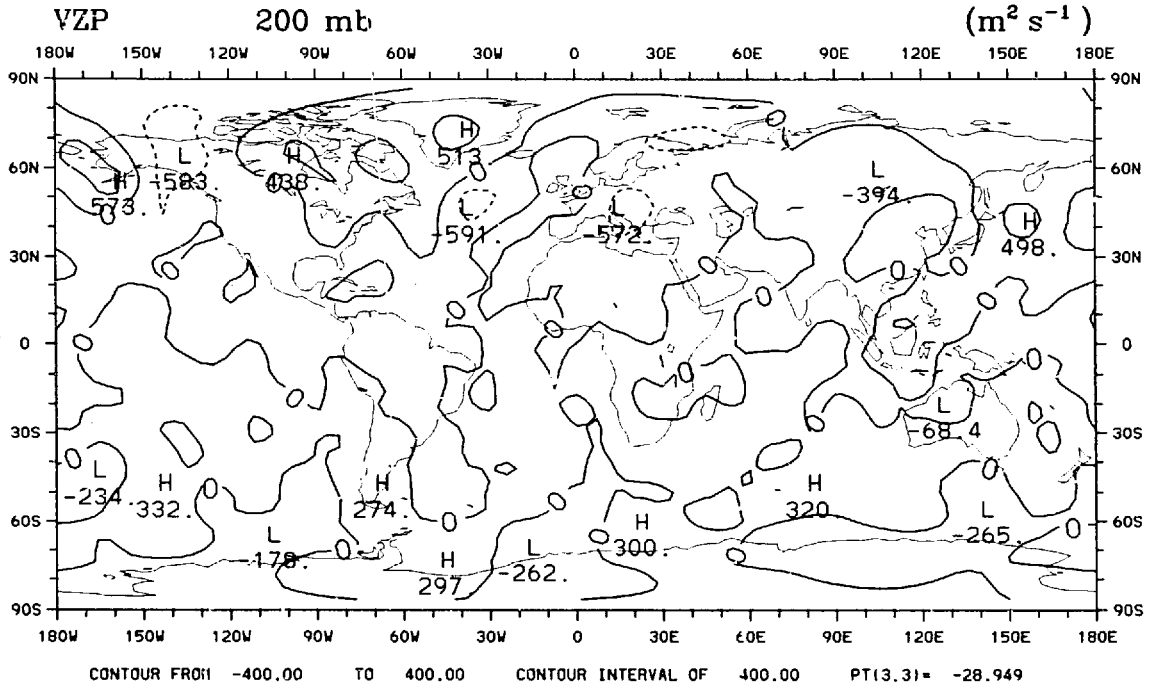

FRAME 1.67

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



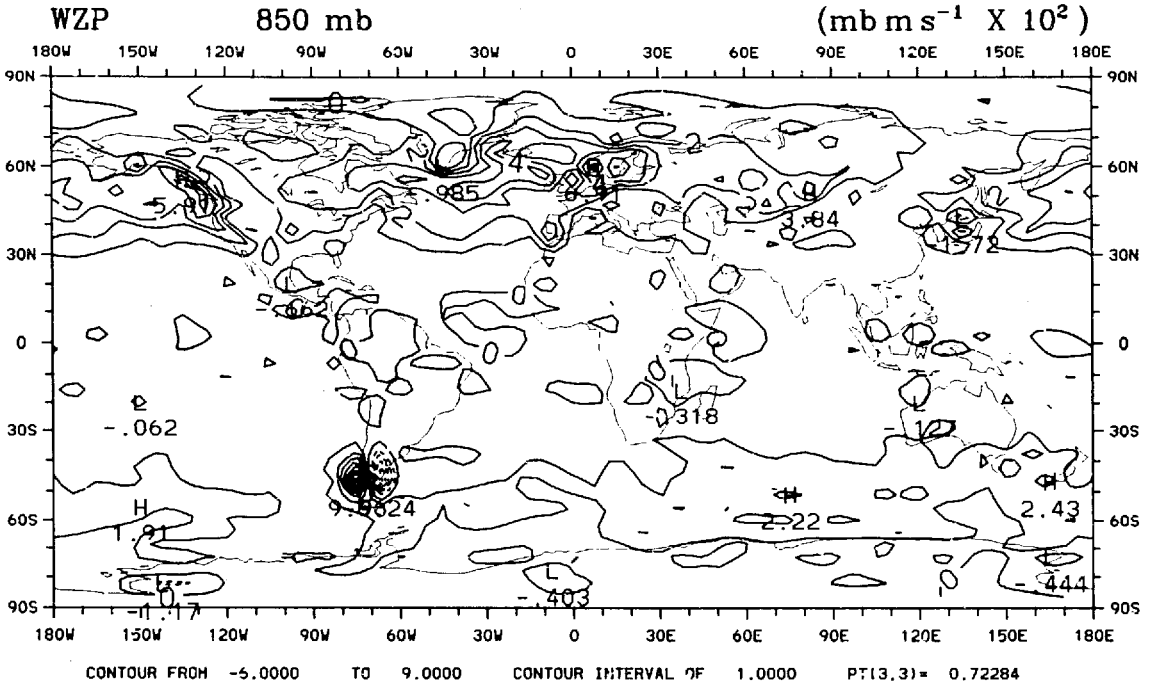

FRAME 1.68

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

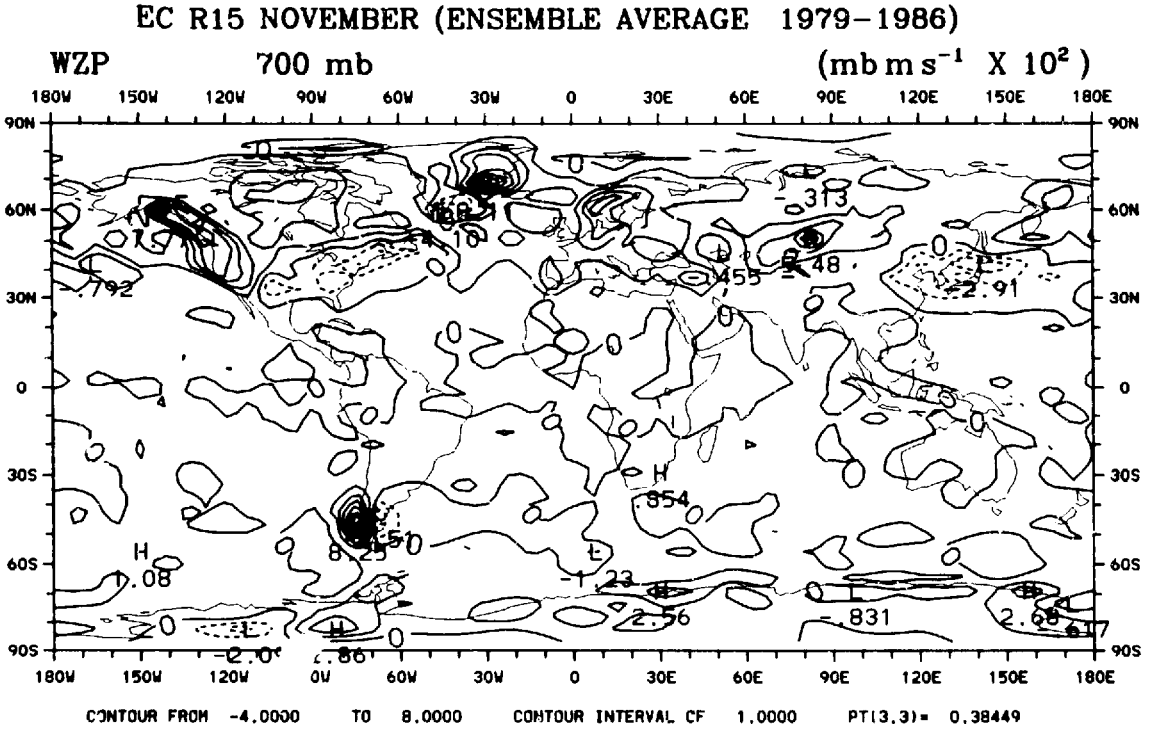



FRAME 1.69

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

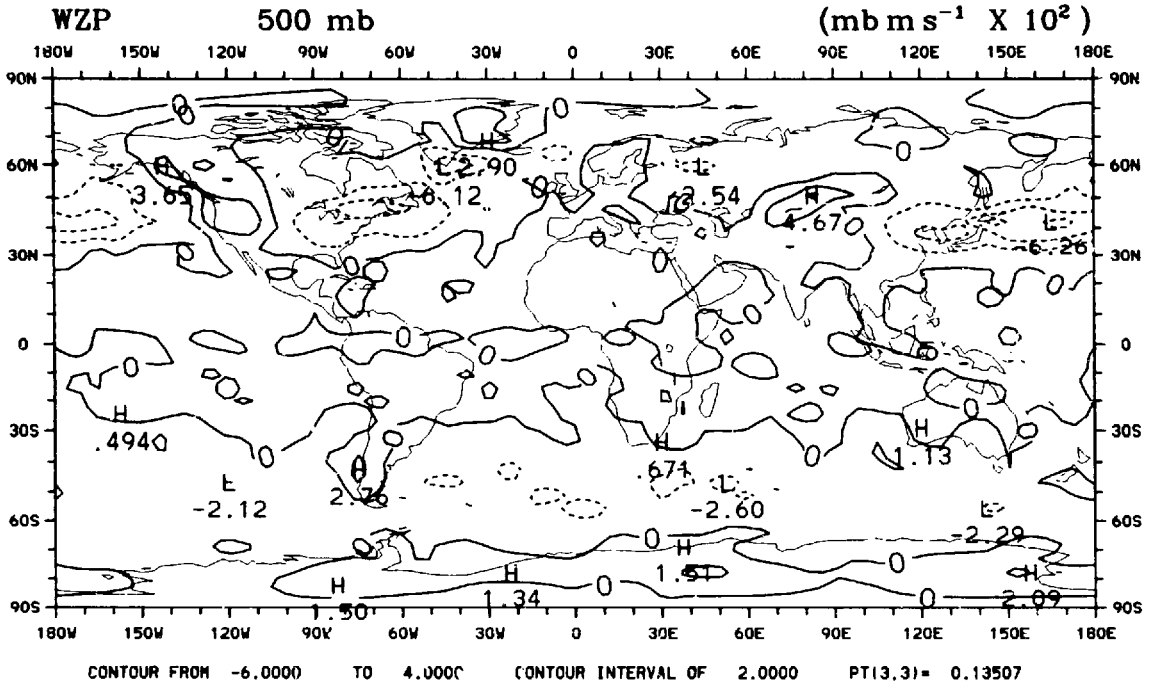



FRAME 1.70


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
WZP
700 mb
(mb m s$^{-1}$ X 10$^2$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -4.0000 TO 8.0000 CONTOUR INTERVAL CF 1.0000 PT(3,3)= 0.38449

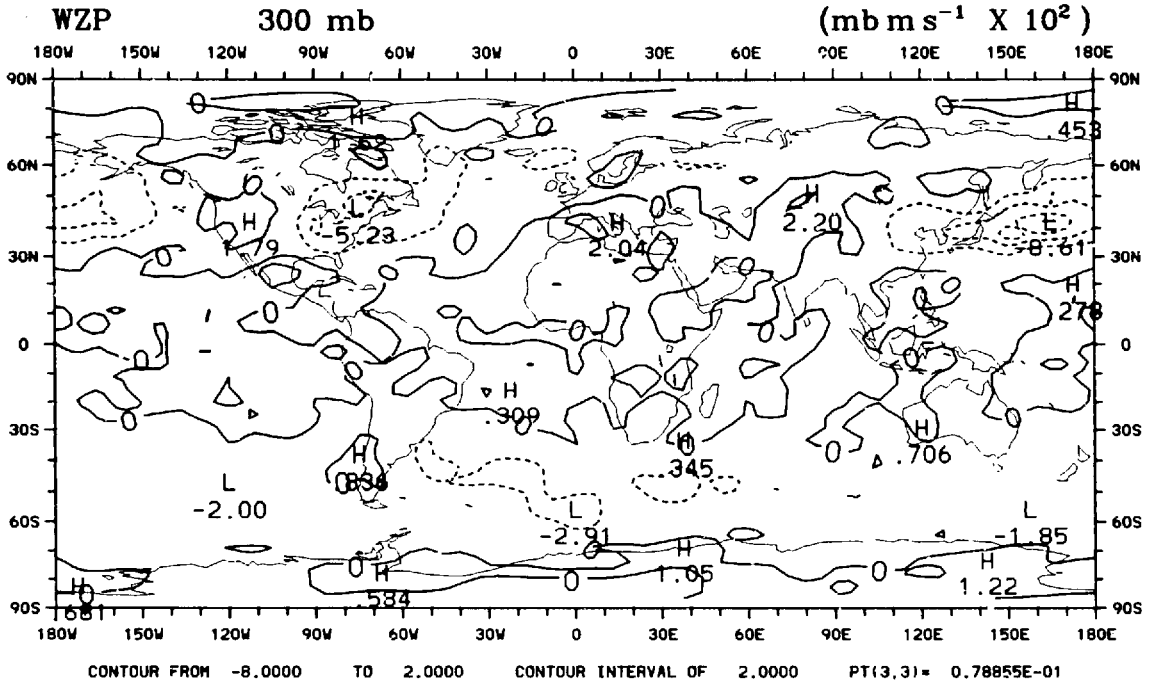
FRAME 1.71

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



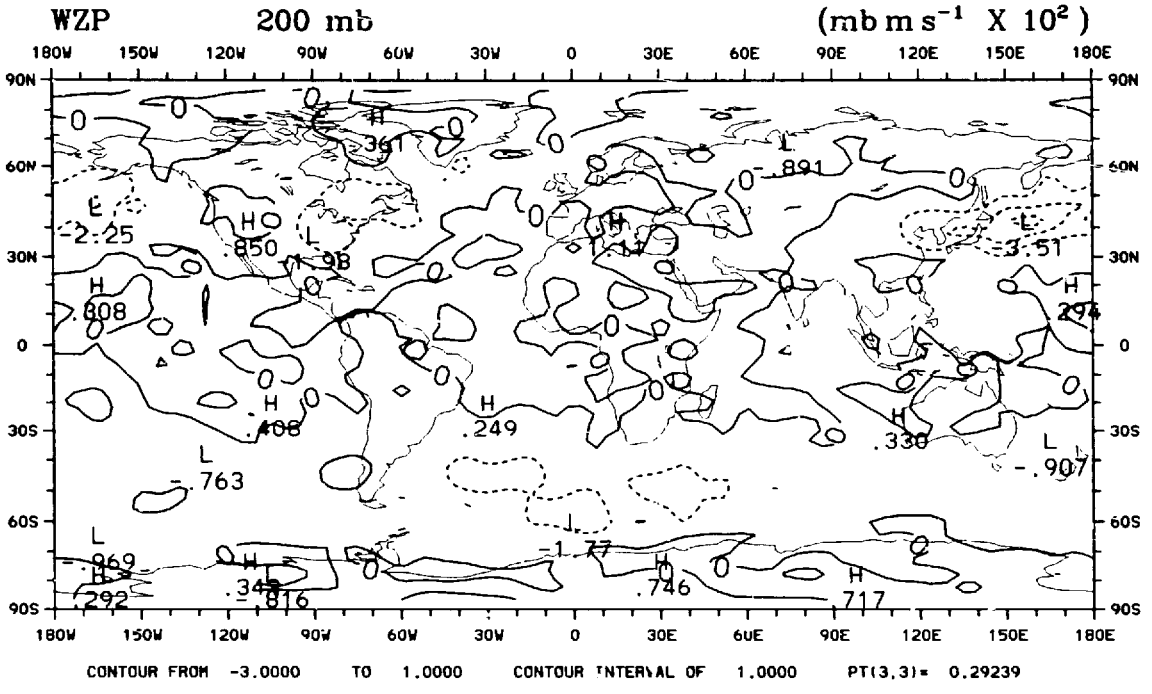

FRAME 1.72

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



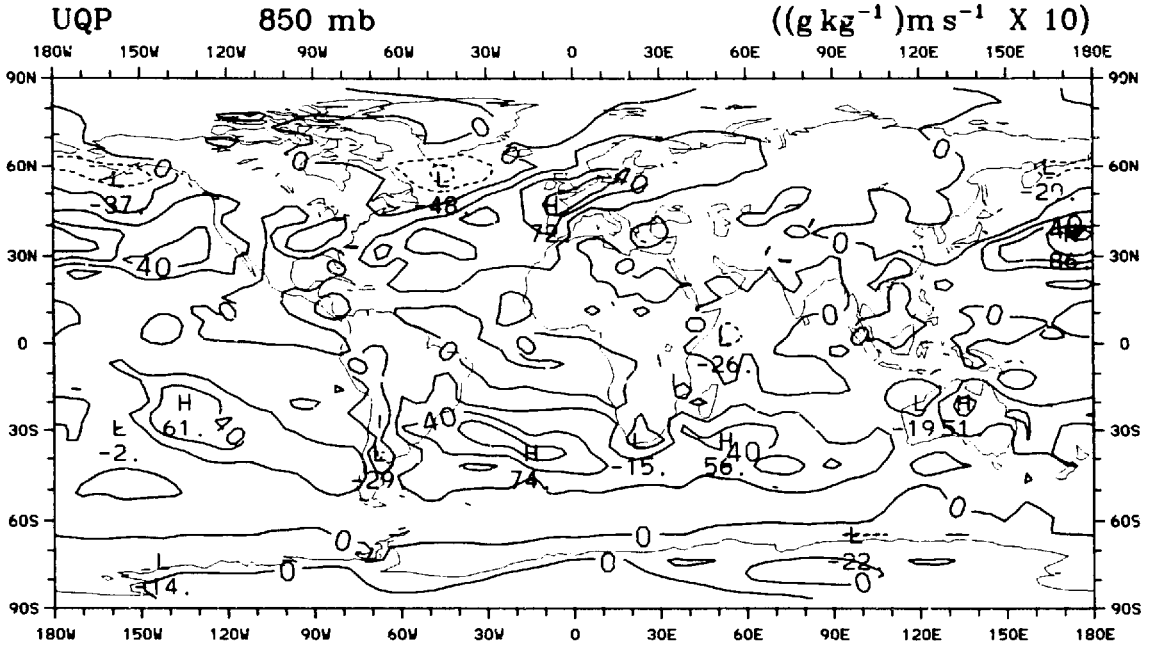

FRAME 1.73

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.74

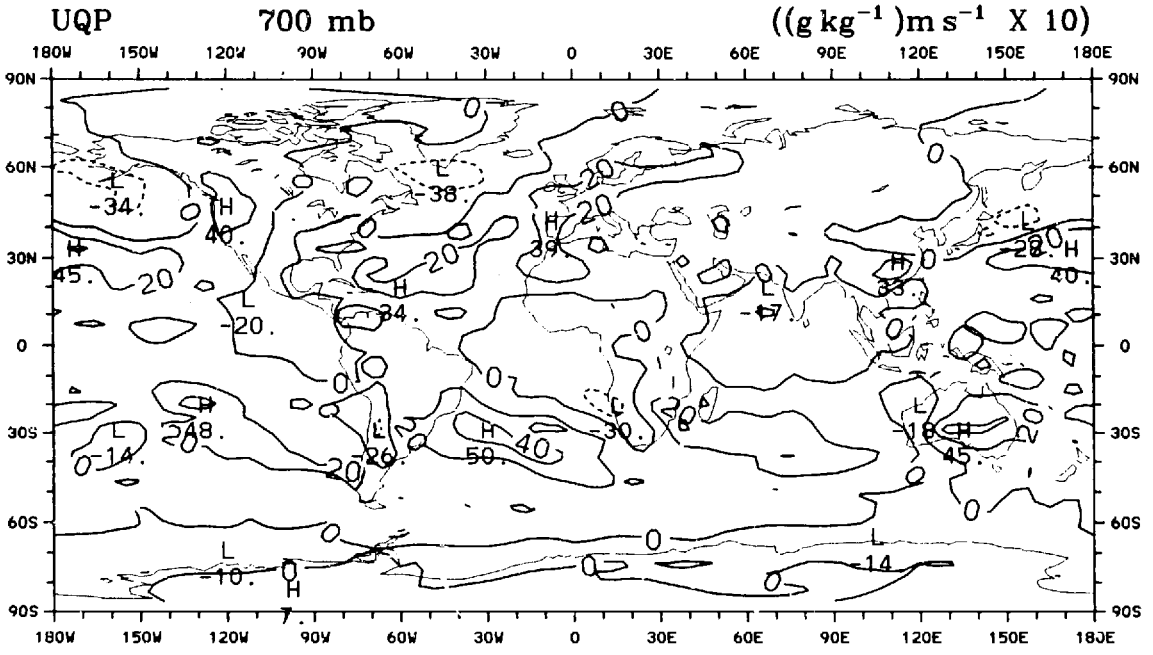
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.57151E-03 LABELS SCALED BY 10000.

FRAME 1.75

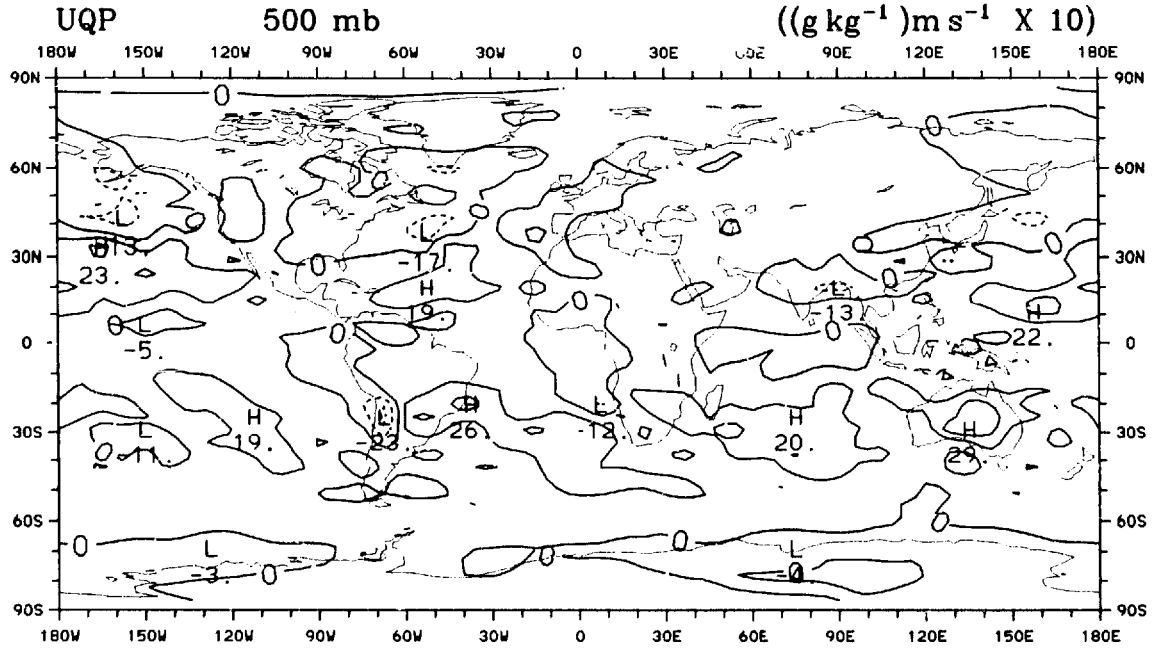
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.49956E-03 LABELS SCALED BY 10000.

FRAME 1.76

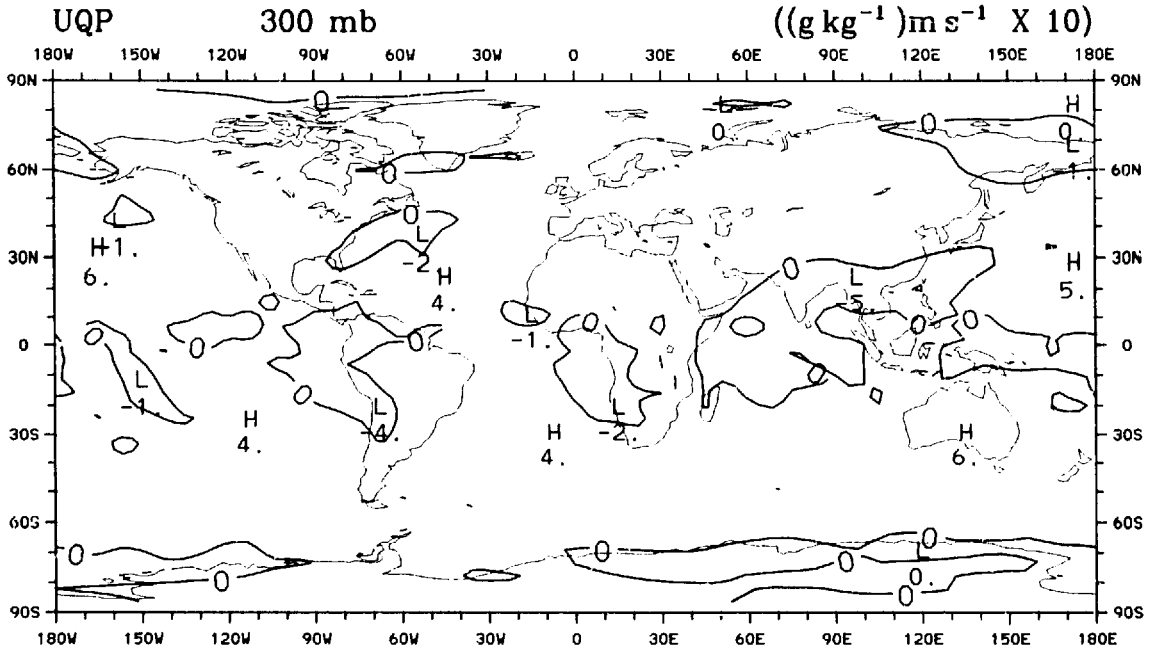
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.20000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.15401E-03 LABELS SCALED BY 10000.

FRAME 1.77

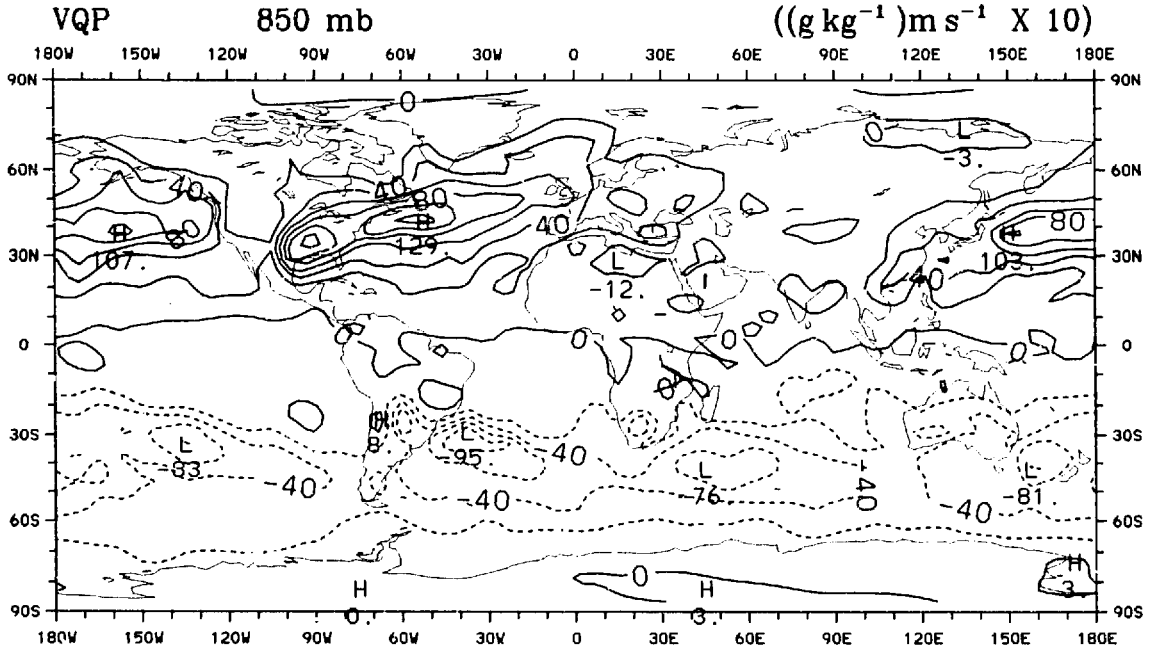
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.10517E-04 LABELS SCALED BY 10000.

FRAME 1.78

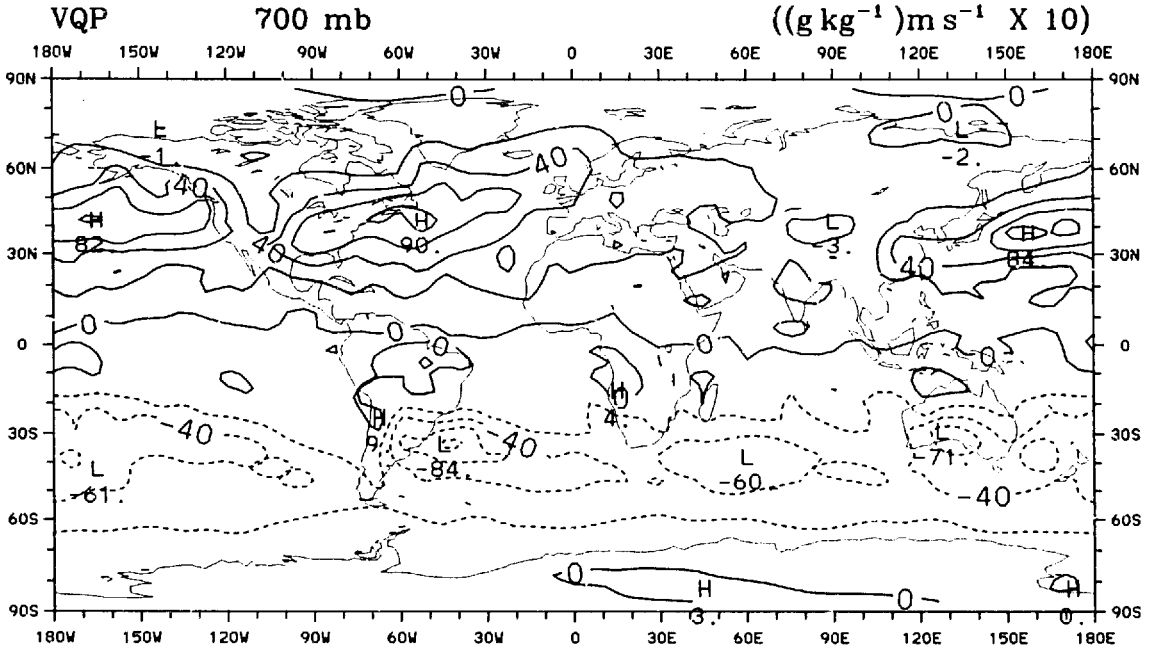
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000E-02 TO 0.12000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.75839E-03 LABELS SCALED BY 10000.

FRAME 1.79

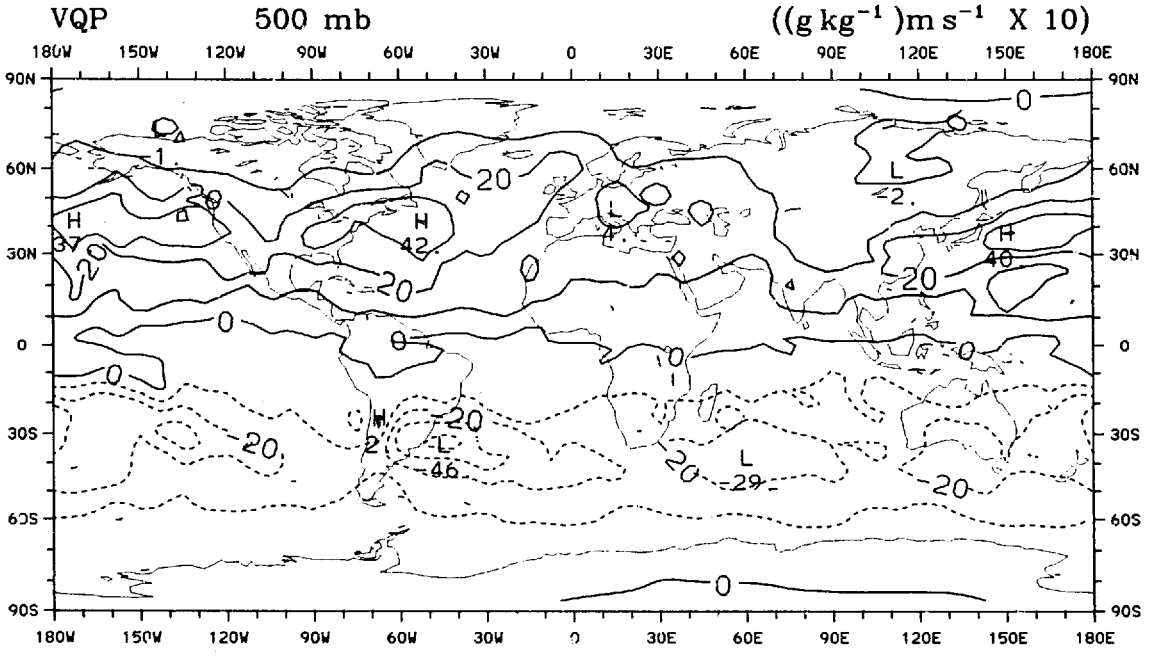
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.34589E-03 LABELS SCALED BY 10000.

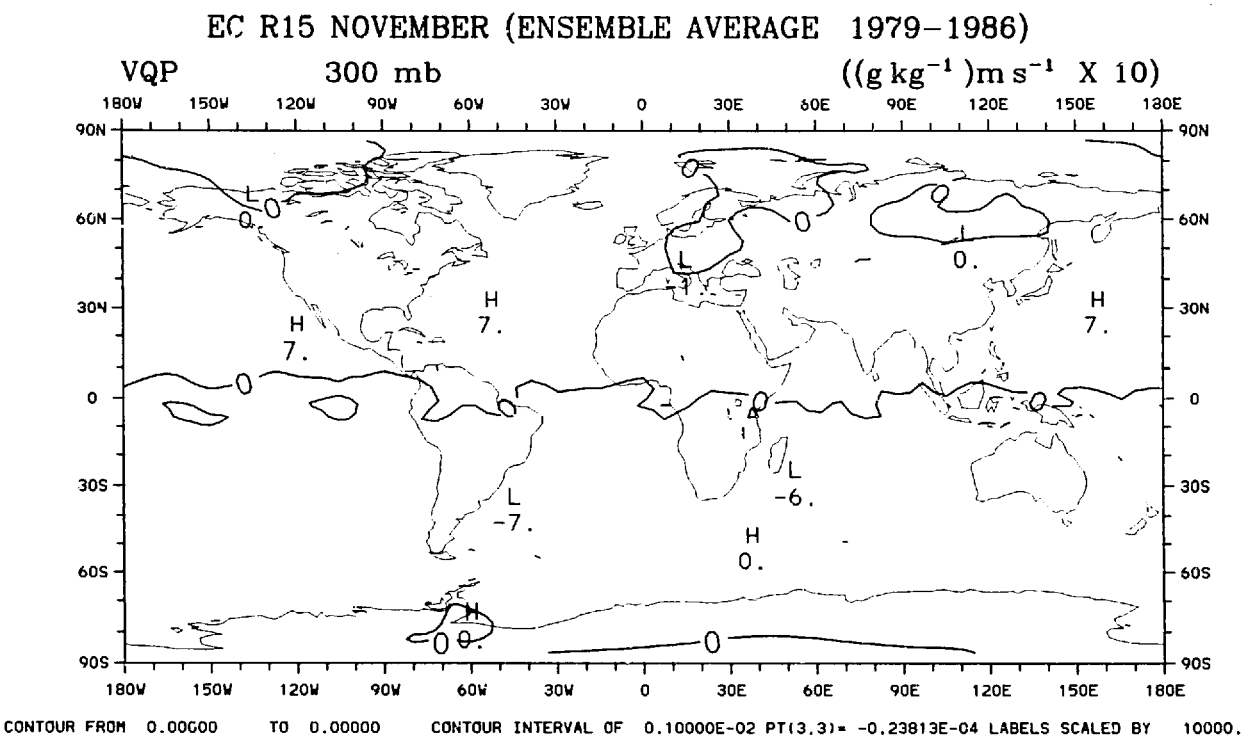
FRAME 1.80

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



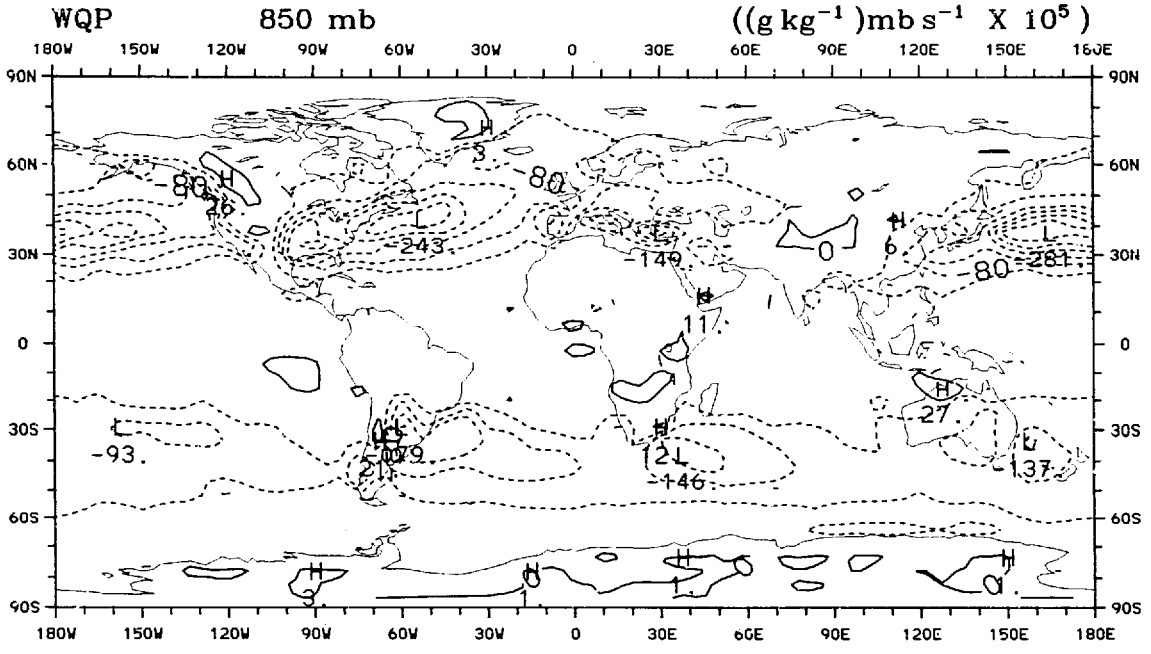

CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.15473E-03 LABELS SCALED BY 10000.

FRAME 1.81


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
VQP
300 mb
((g kg$^{-1}$)m s$^{-1}$ X 10)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
H 7.
H 7.
L -7.
L -6.
H 0.
H 7.
L 0.
CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.23813E-04 LABELS SCALED BY 10000.

FRAME 1.82

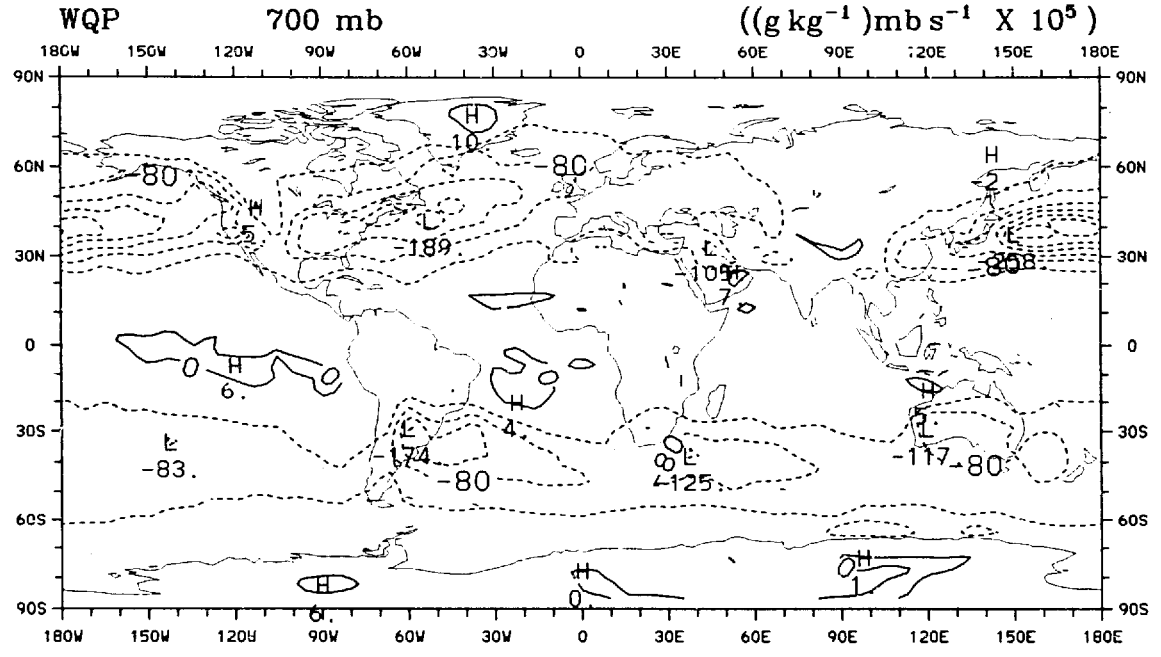
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.28000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.92915E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.83

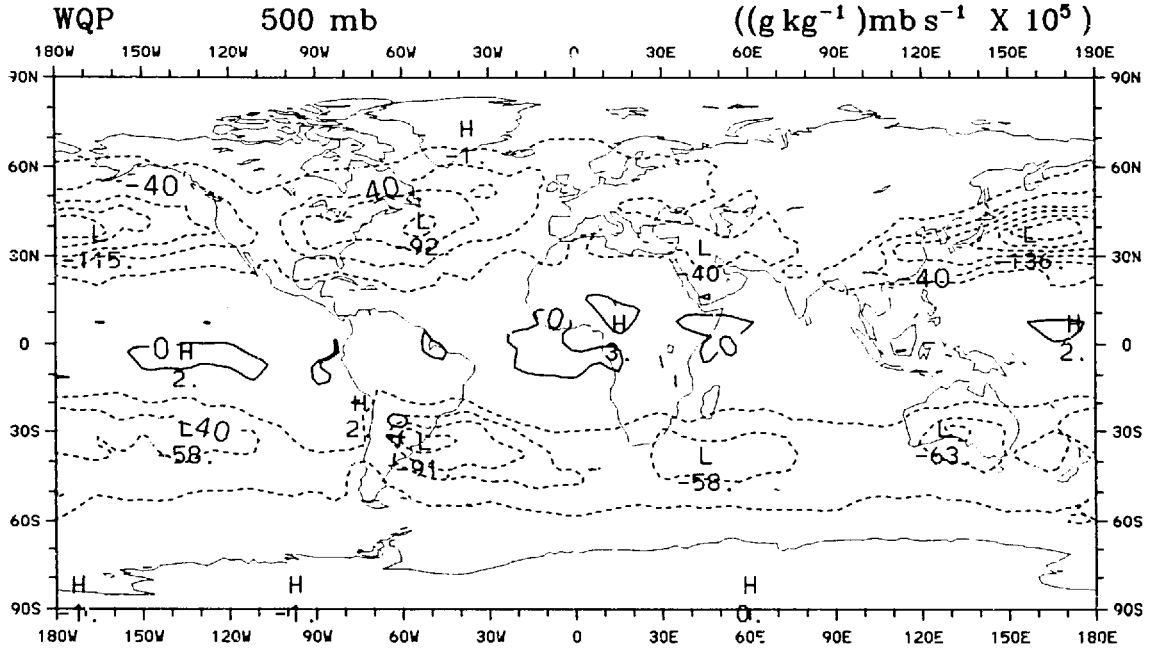
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.24000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,31)= -0.76192E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.84

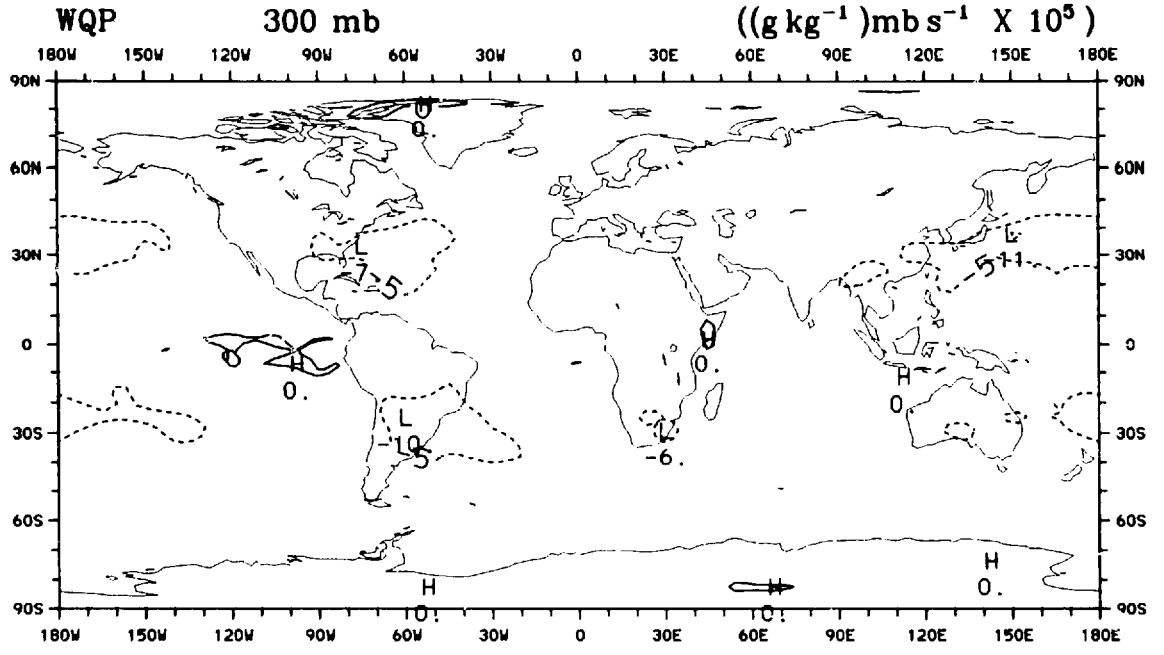
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.12000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.30738E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

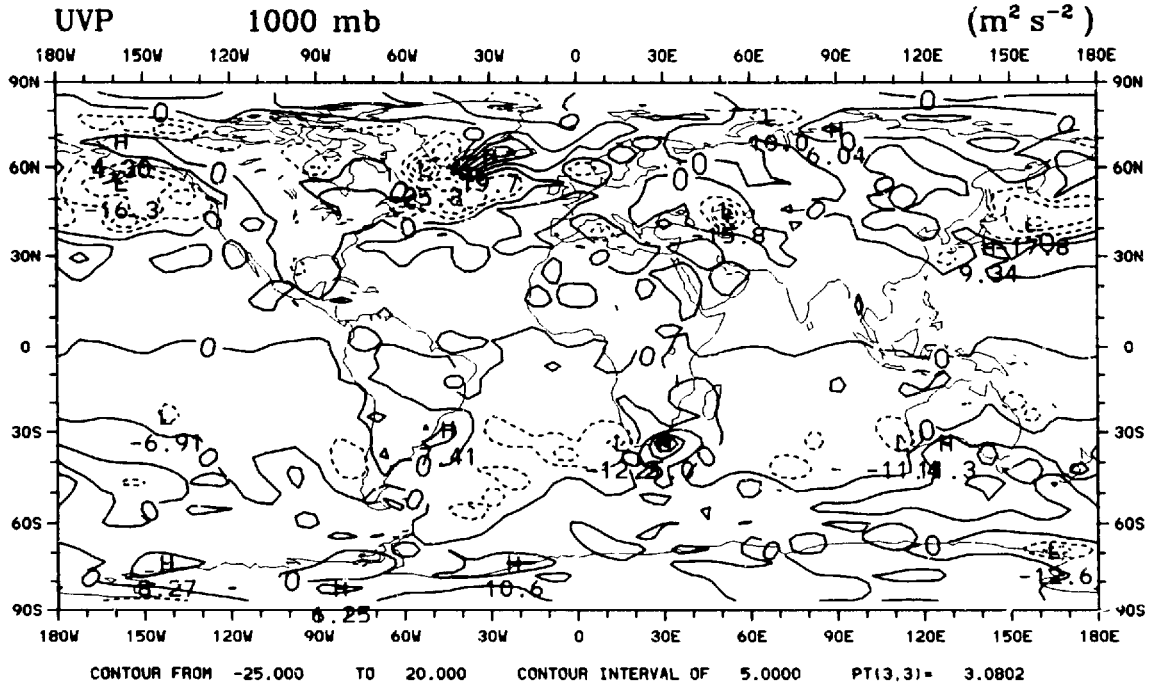
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



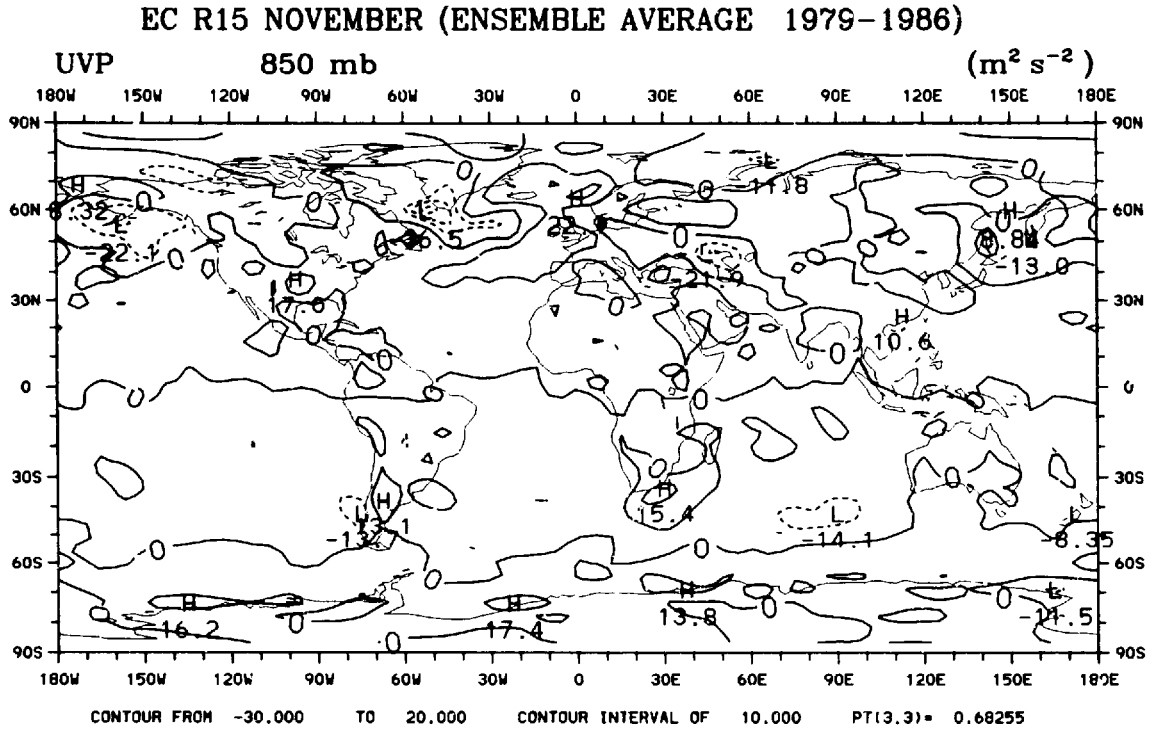

CONTOUR FROM -0.10000E-04 TO 0.00^00 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.90158E-07 LABELS SCALED BY 0.10000E+07

FRAME 1,86

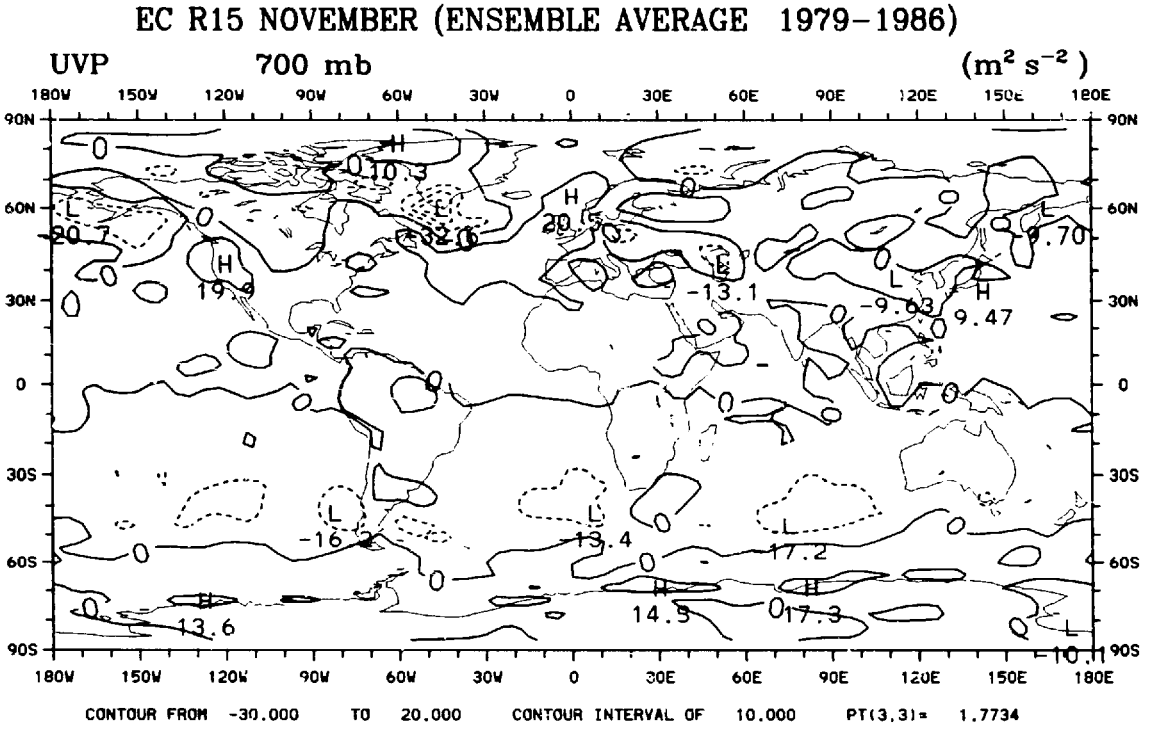
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.87

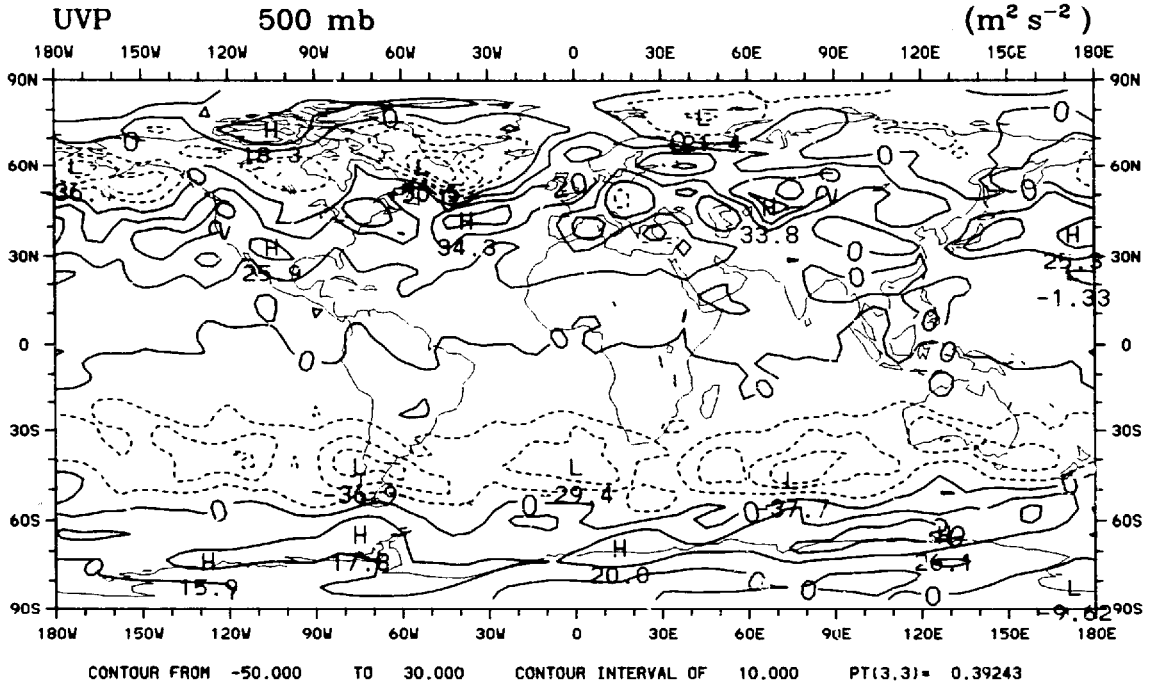

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
UVP
850 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -30.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 0.68255

FRAME 1.88


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
UVP
700 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -30.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 1.7734

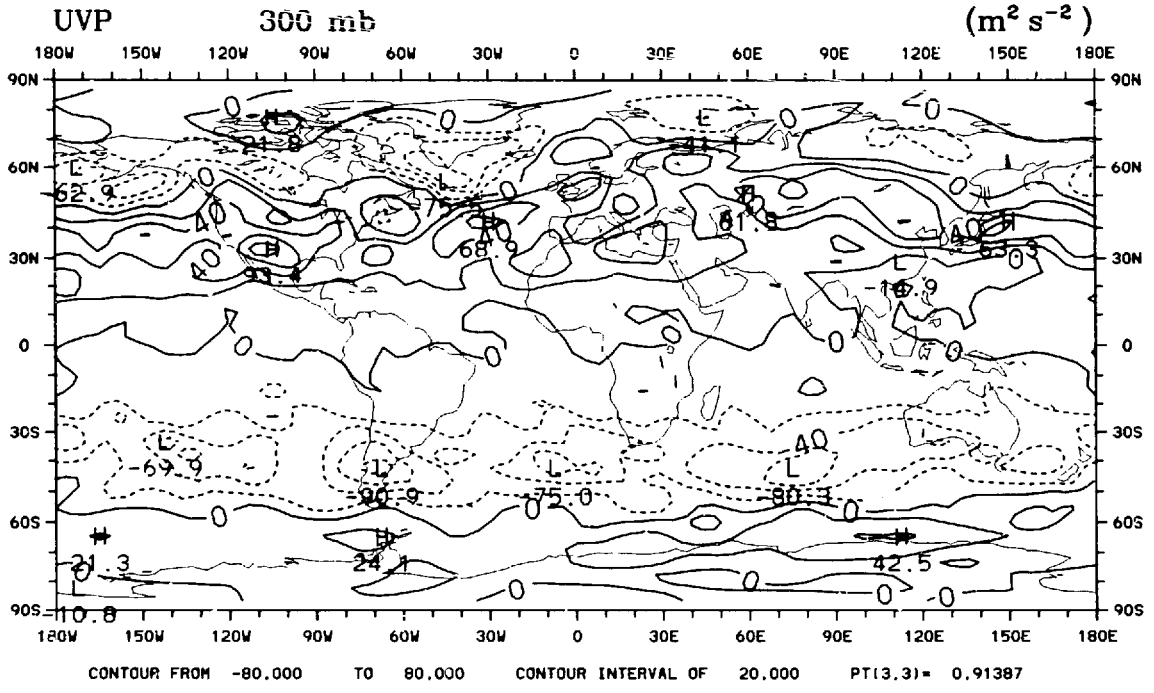
FRAME 1.89

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



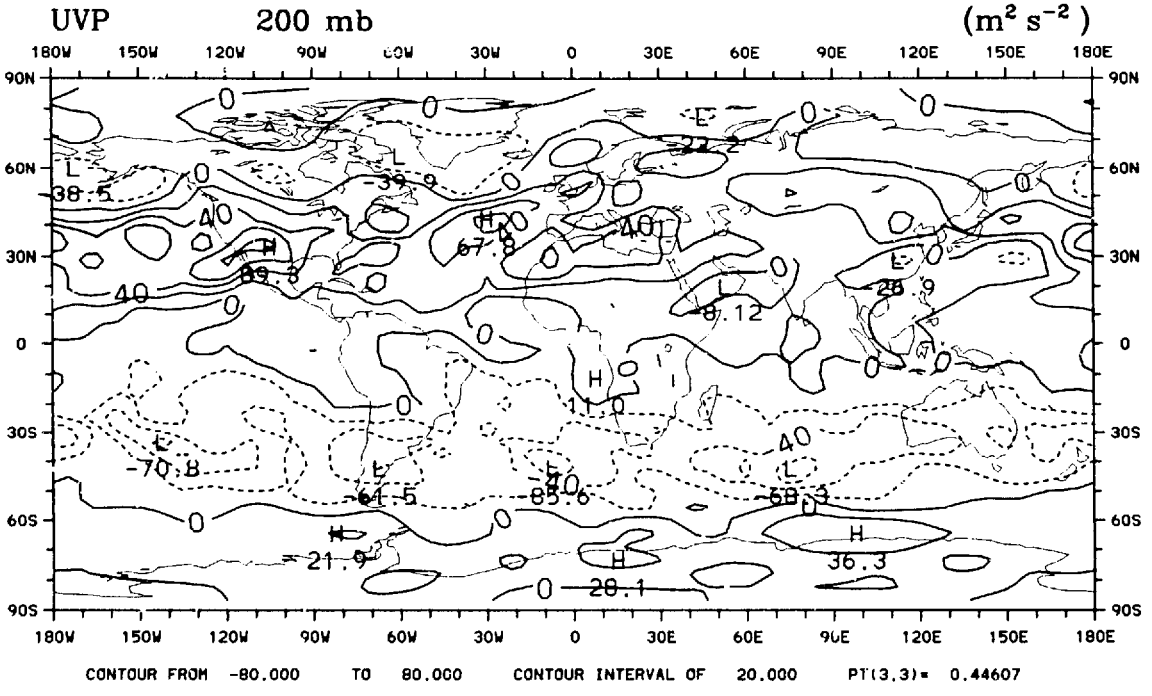

FRAME 1.90

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



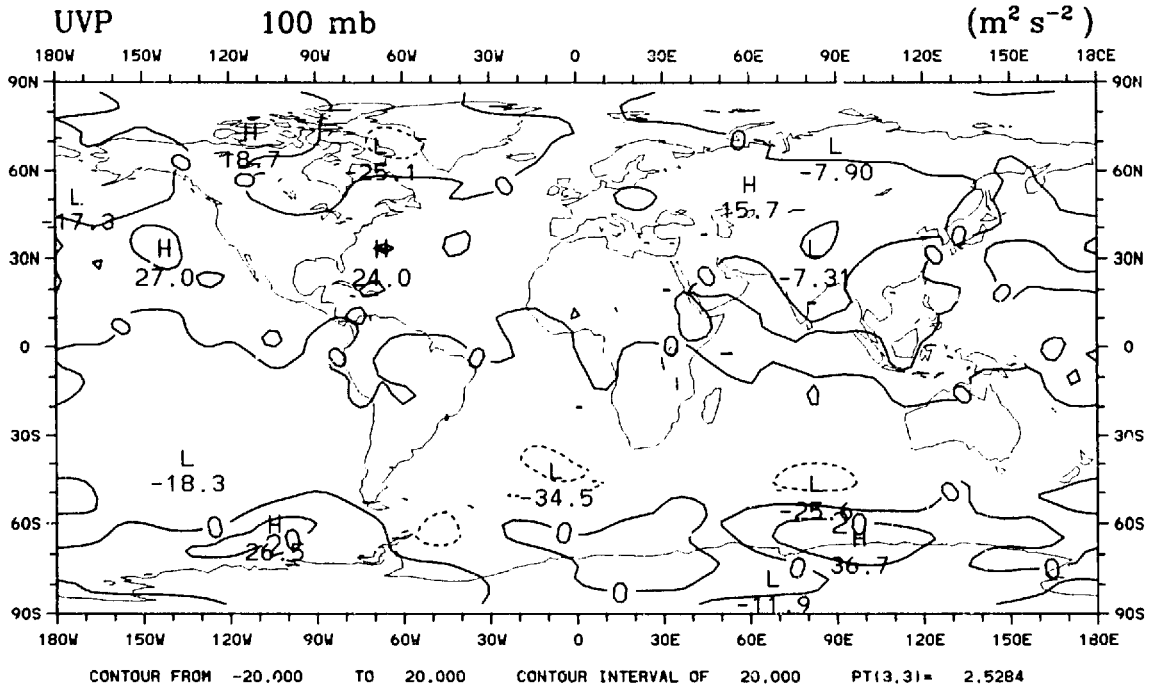

FRAME 1.91

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



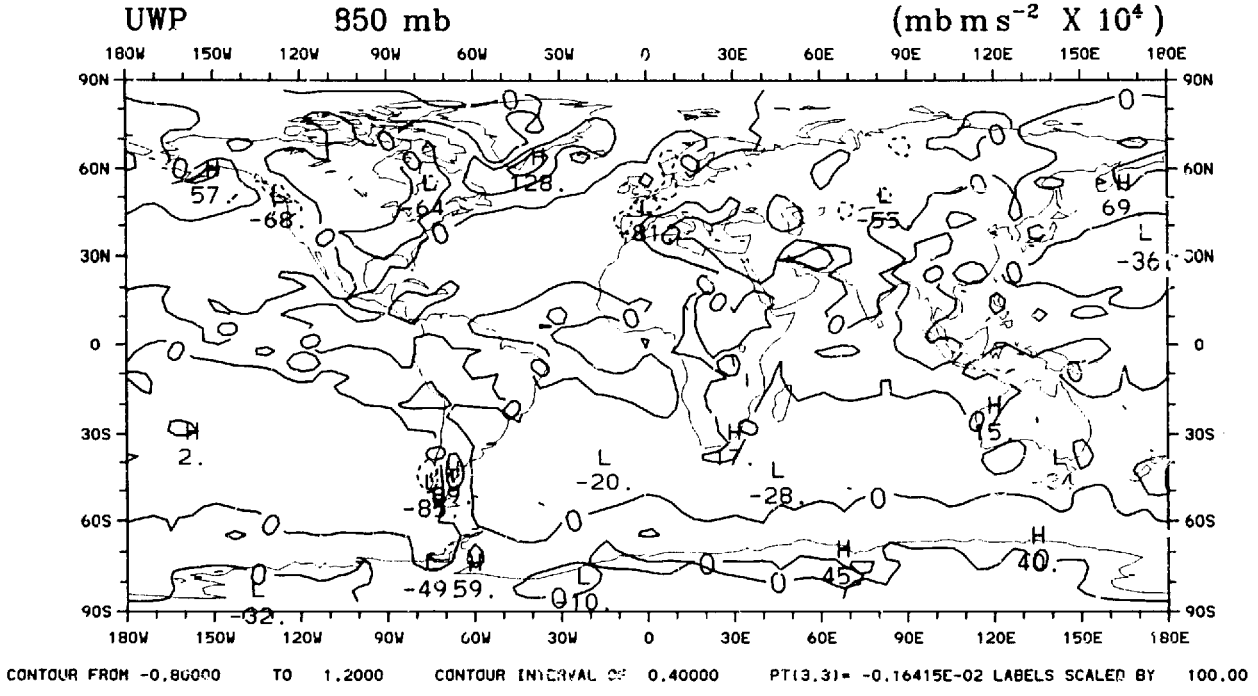

FRAME 1.92

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.93

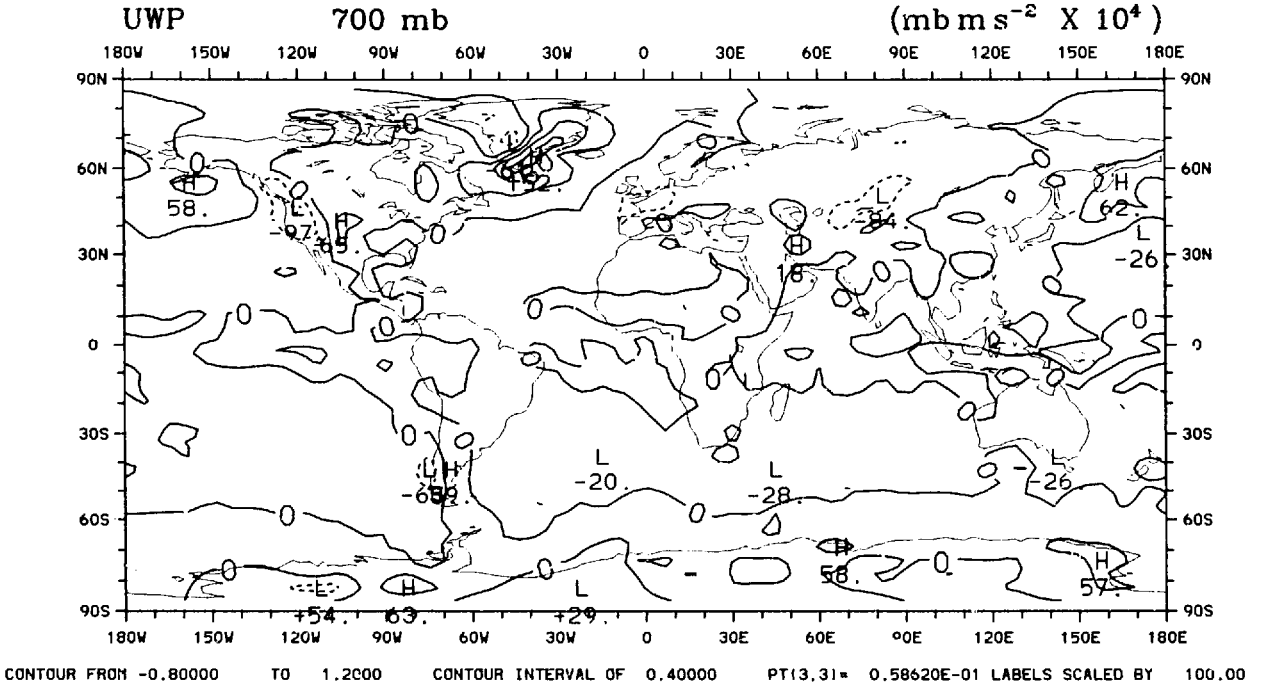
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.80000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= -0.16415E-02 LABELS SCALED BY 100.00

FRAME 1.94

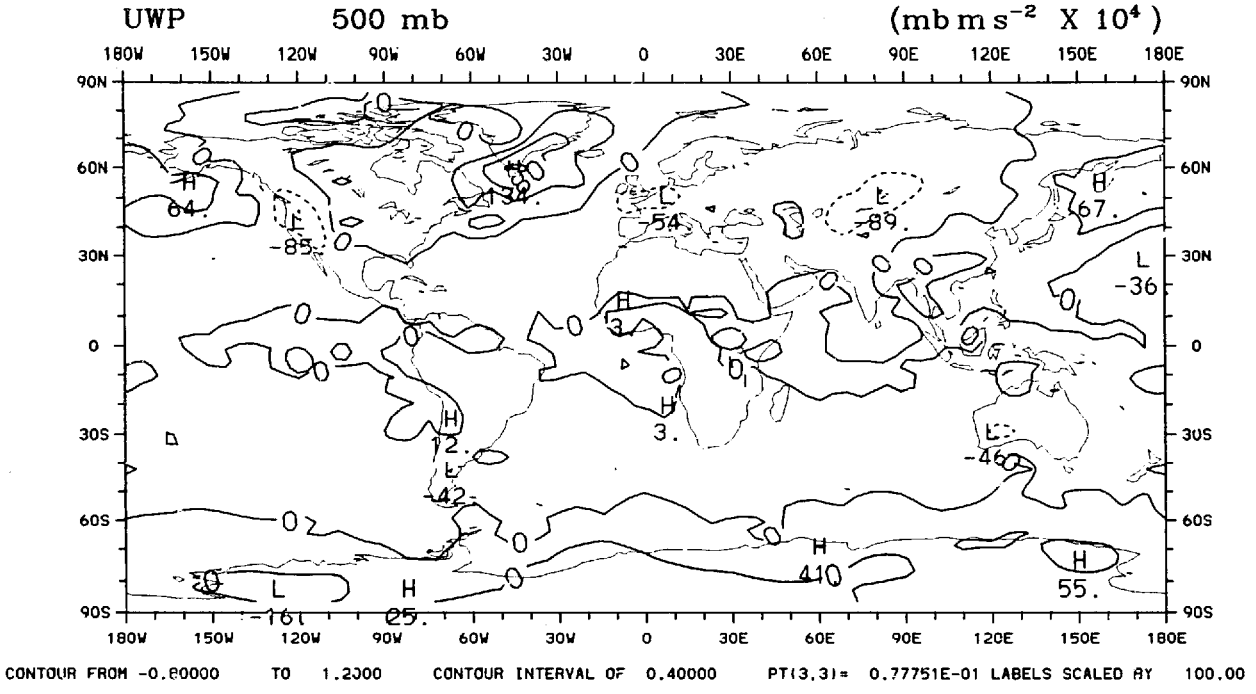
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.80000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,31= 0.58620E-01 LABELS SCALED BY 100.00

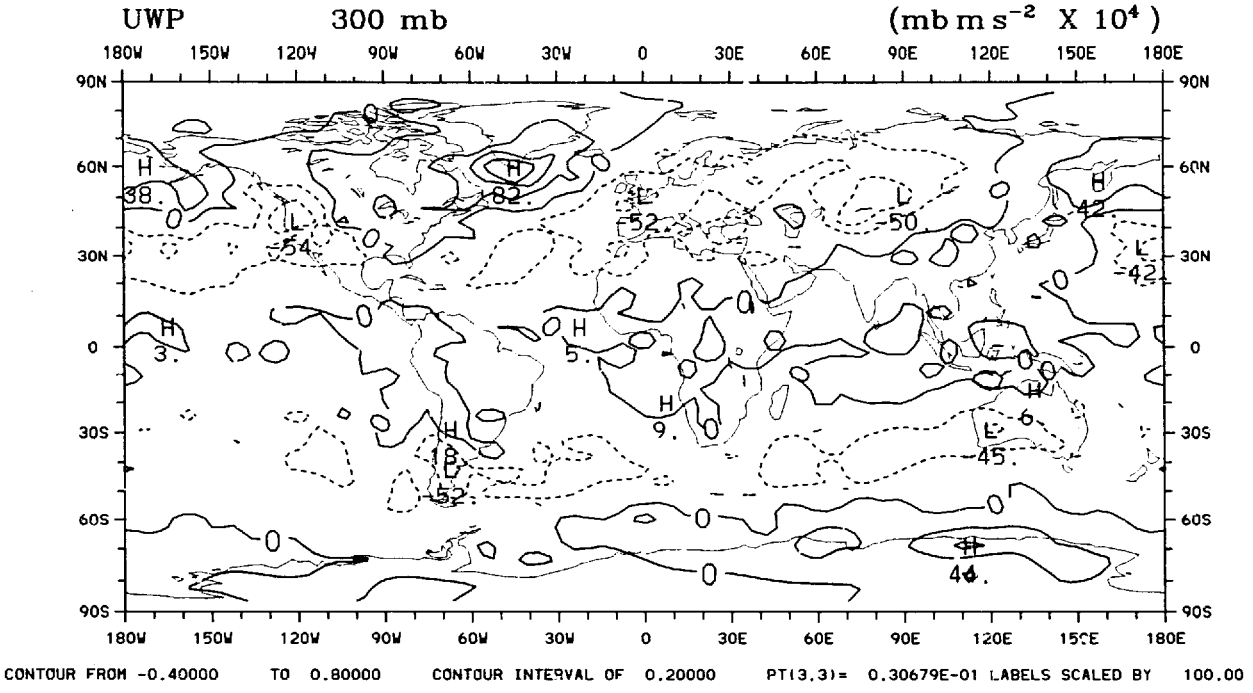
FRAME 1.95

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



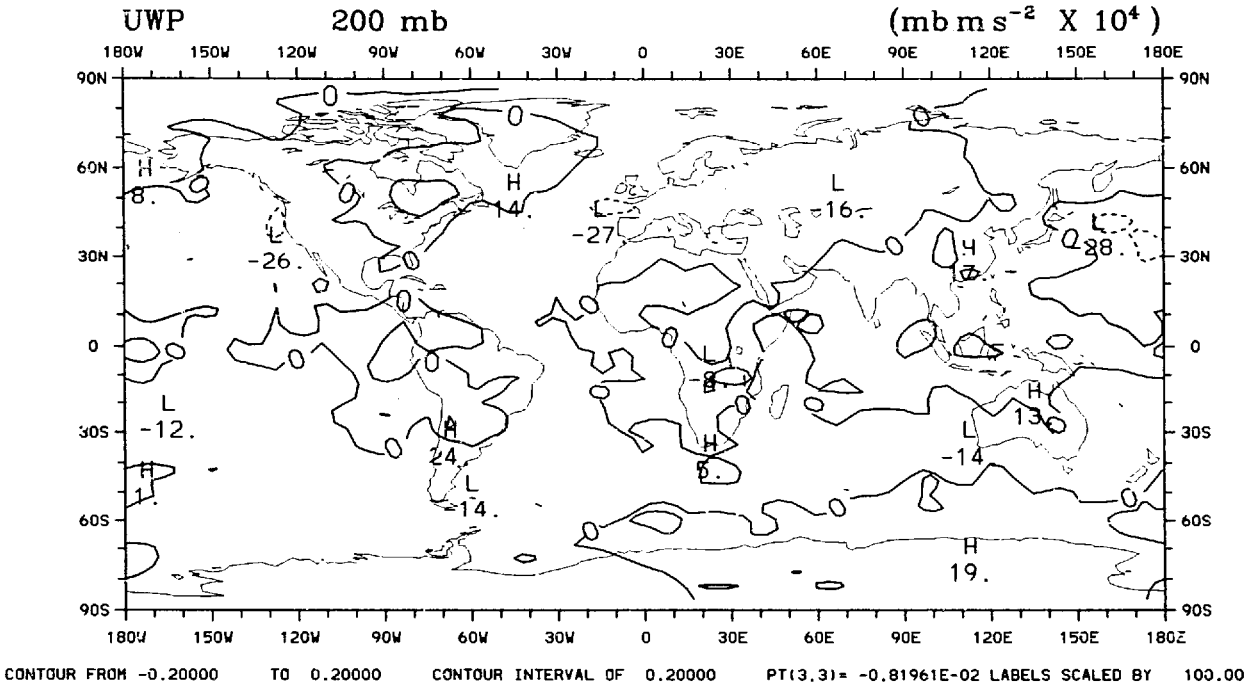

FRAME 1.96

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



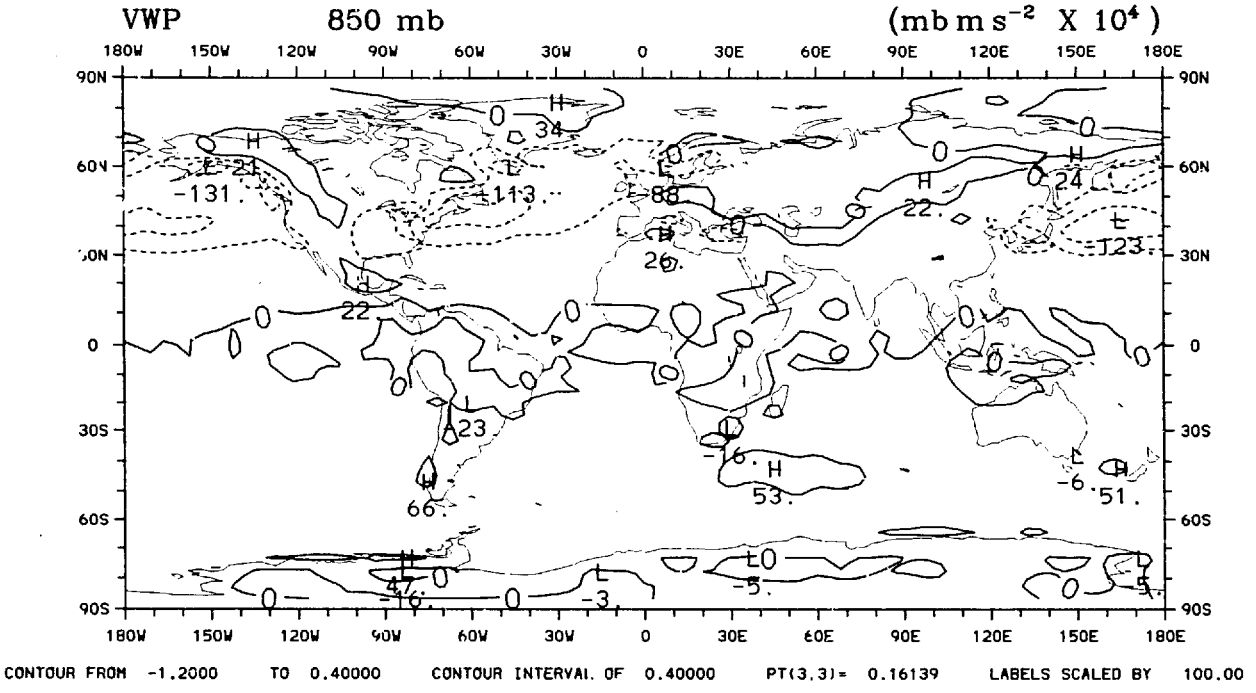

FRAME 1.97

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



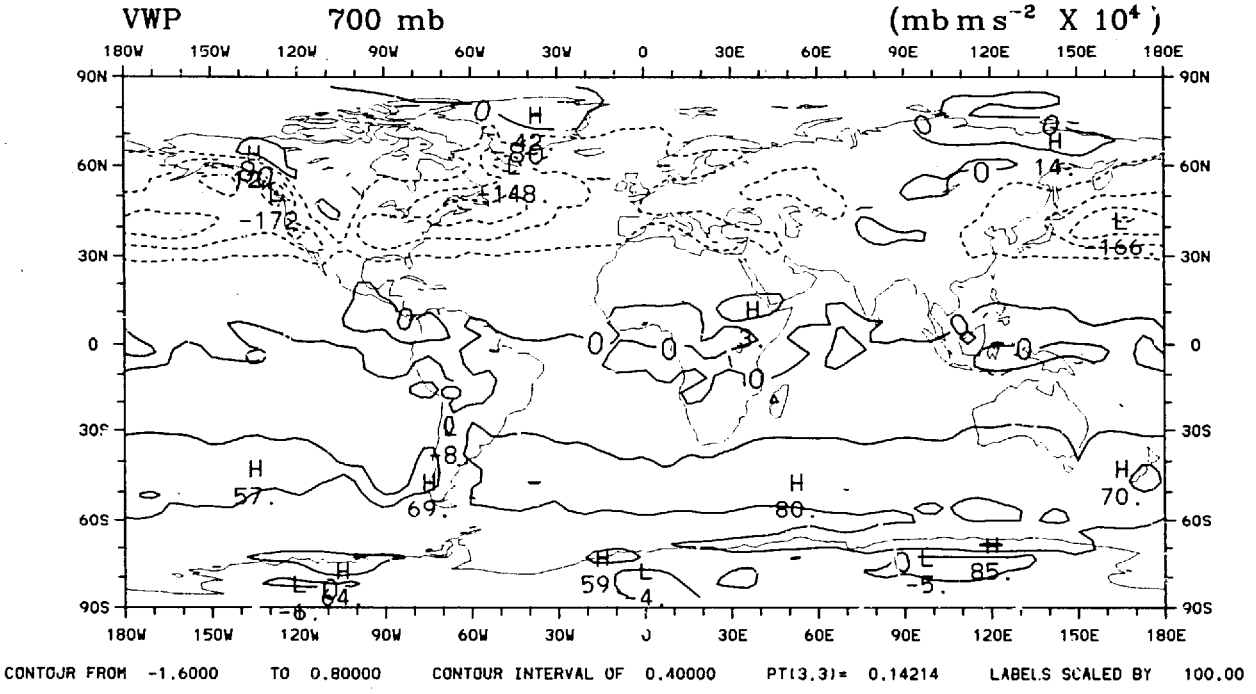

FRAME 1.98

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



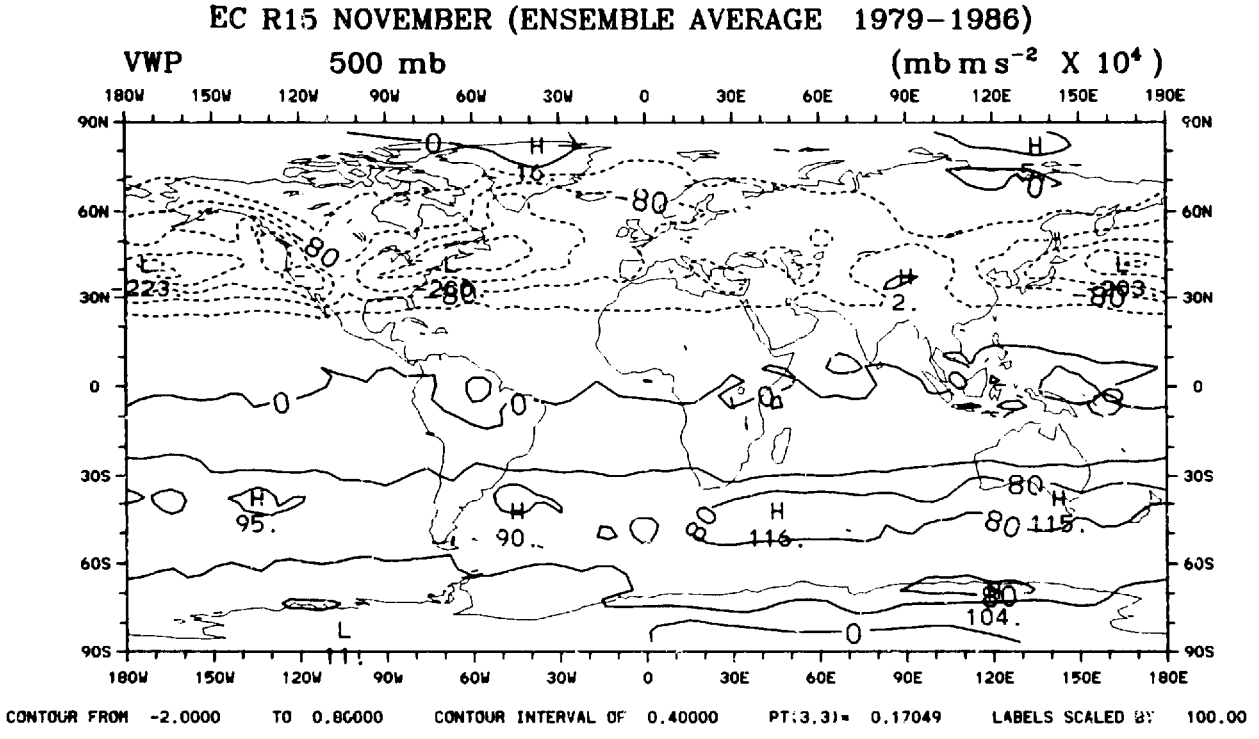

FRAME 1.99

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979--1986)



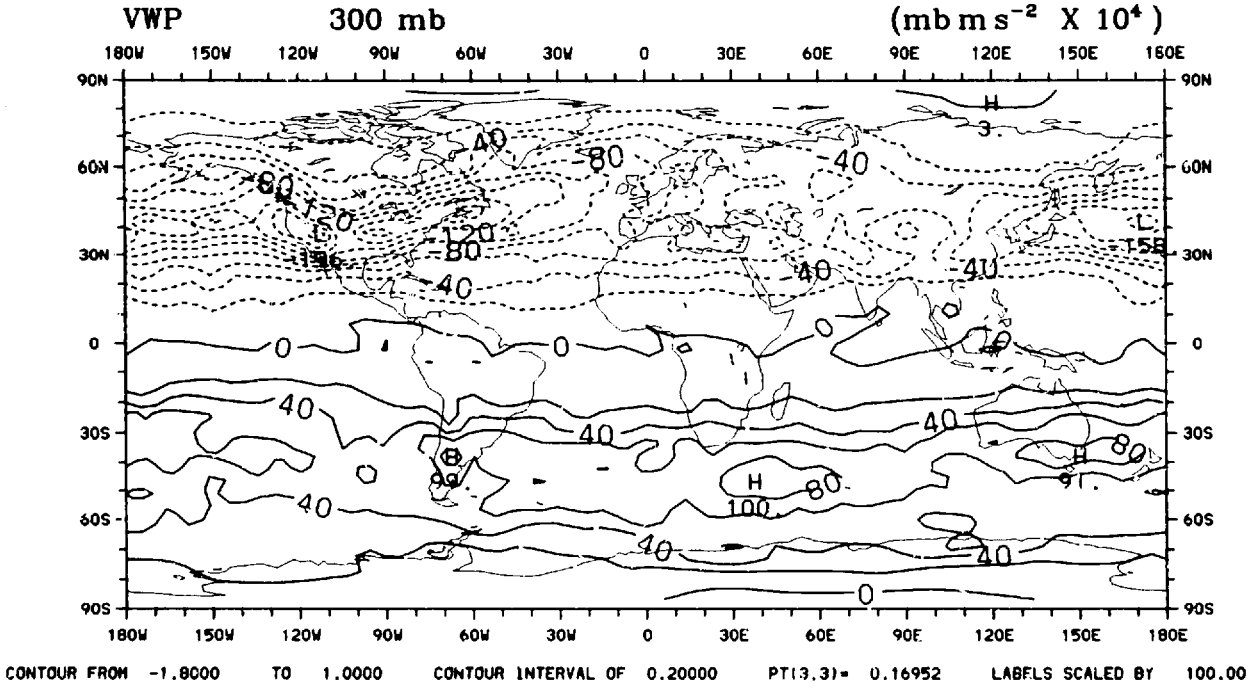

CONTOUR FROM -1.6000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.14214 LABELS SCALED BY 100.00

FRAME 1.100


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
VWP 500 mb (mb m s$^{-2}$ X 10$^4$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -2.0000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.17049 LABELS SCALED BY 100.00

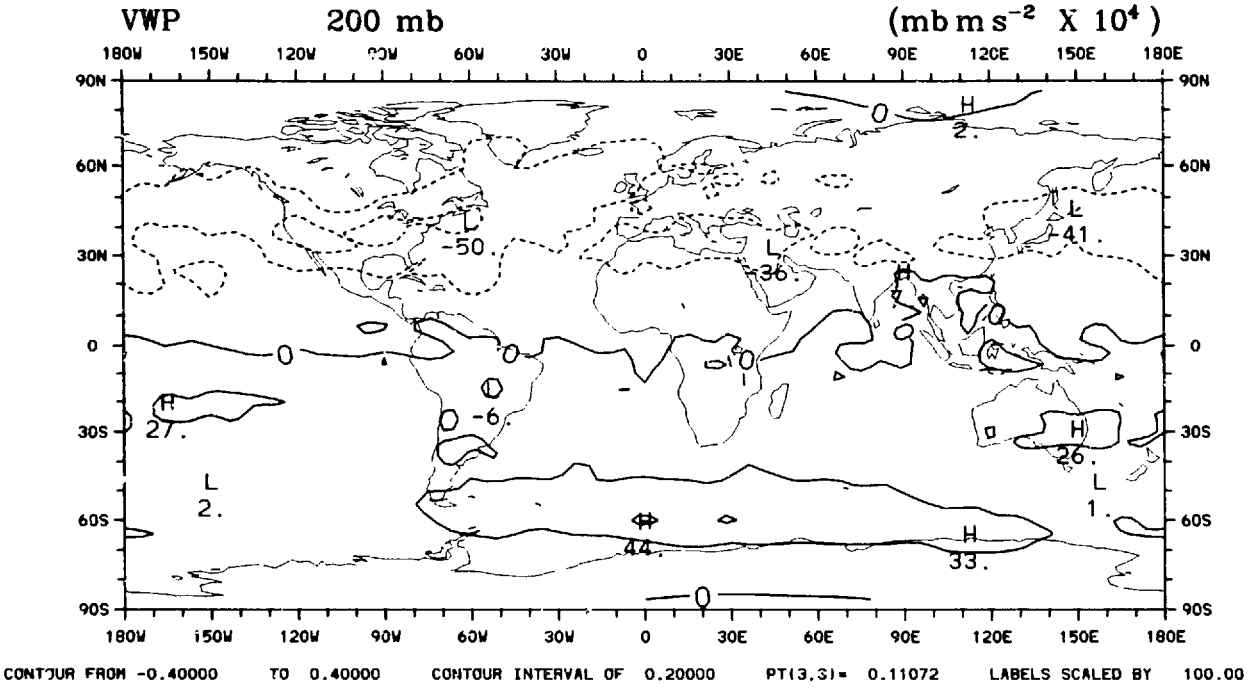
FRAME 1.101

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.102

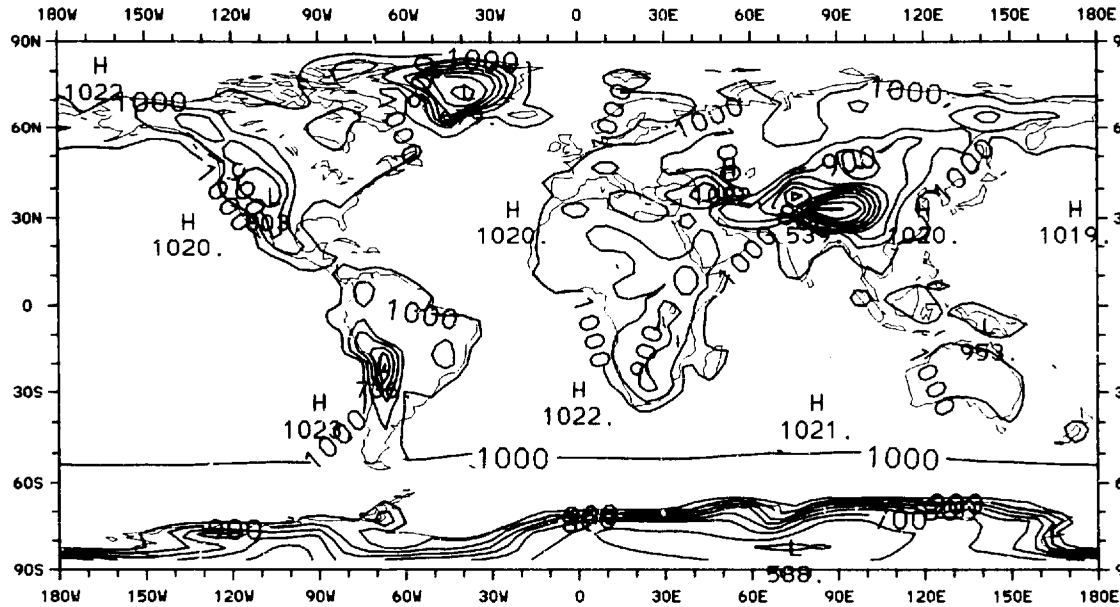
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.103

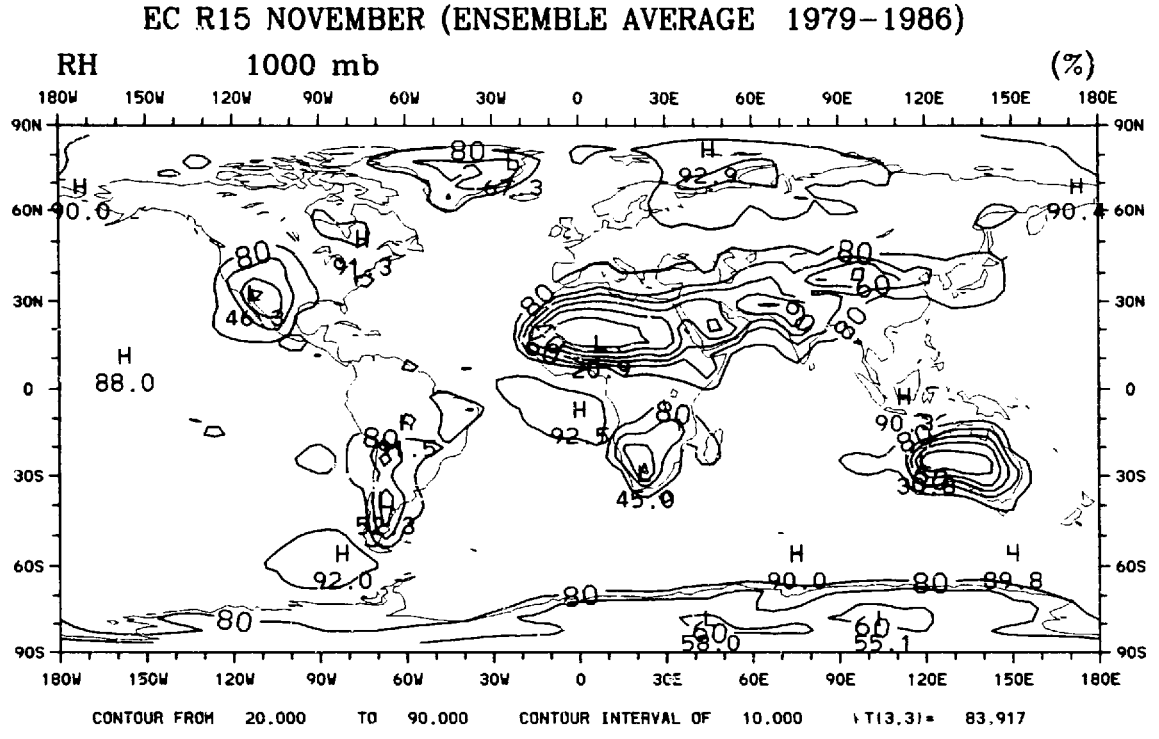
## EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

PS (mb)



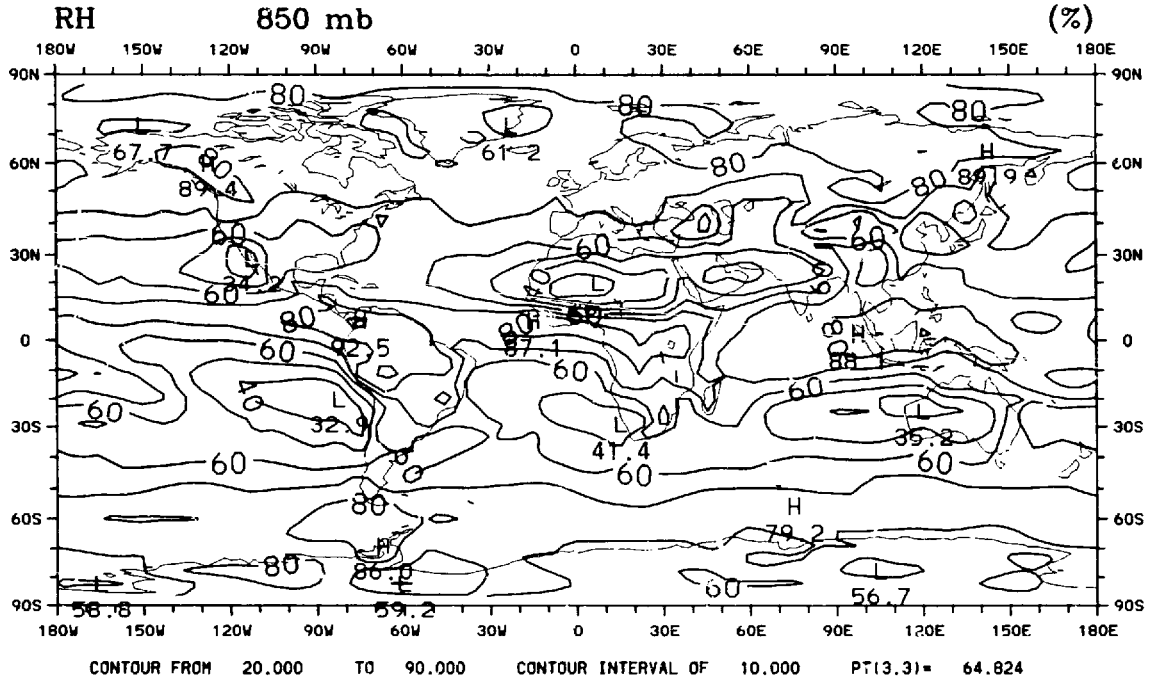
CONTOUR FROM 50000. TO 0.10C00E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 97938. LABELS SCALED BY 0.10000E-01

FRAME 1.104


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
RH 1000 mb (%)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 88.0
H 92.0
H 90.0
H 89.8
H 90.4
H 92.9
H 92.5
H 90.3
45.0
58.0
55.1
CONTOUR FROM 20.000 TO 90.000 CONTOUR INTERVAL OF 10.000 )*T(3,3)= 83.917

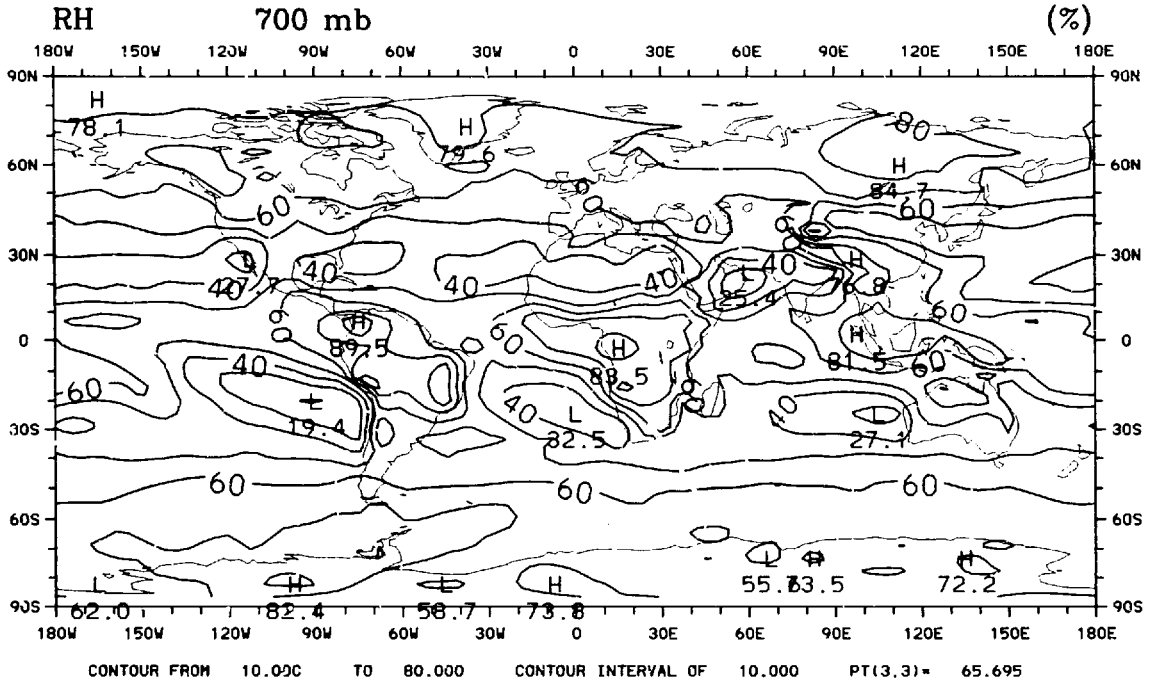
FRAME 1.105

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



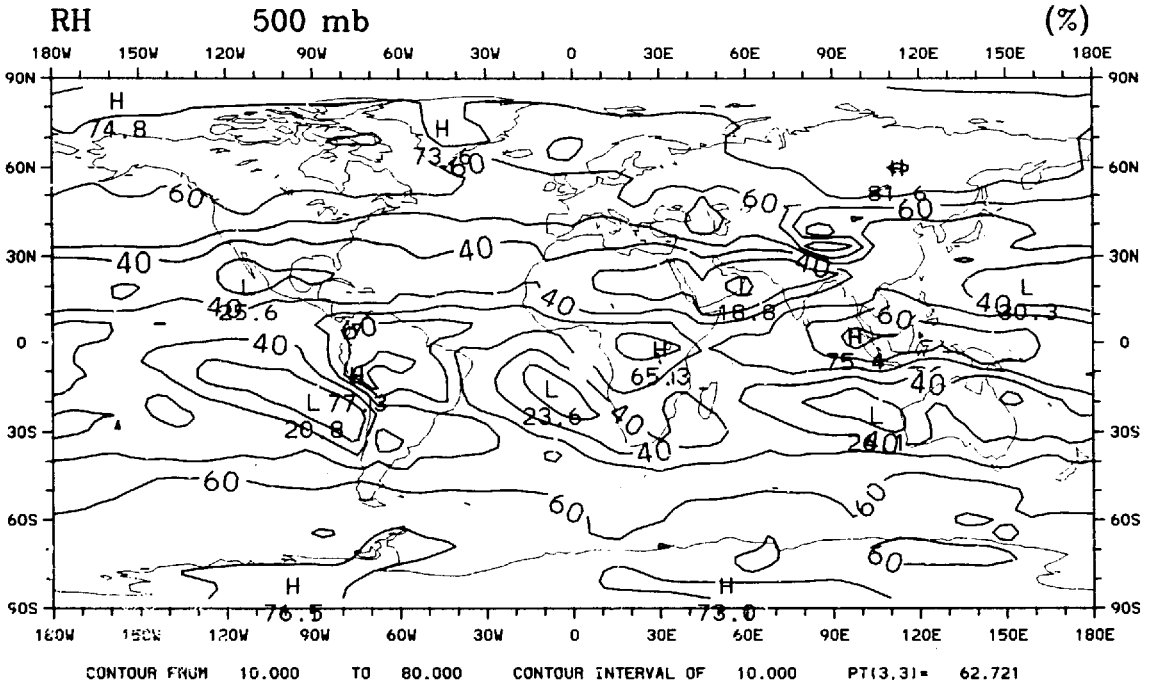

FRAME 1.106

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



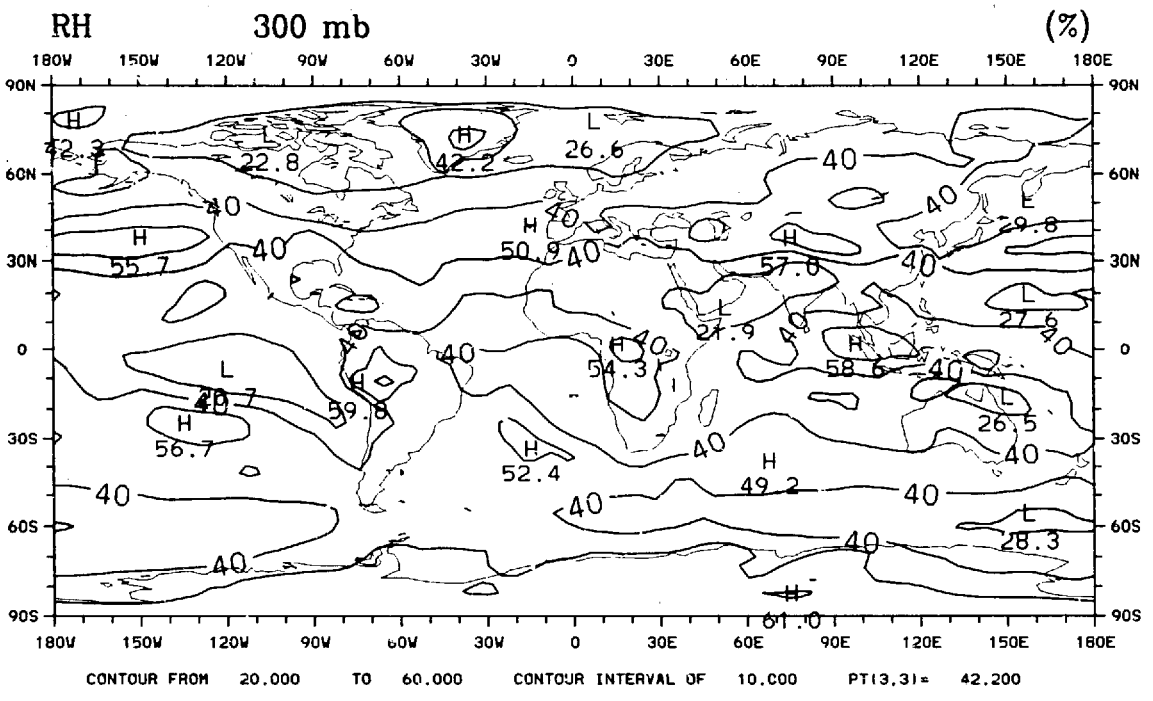

FRAME 1.107

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



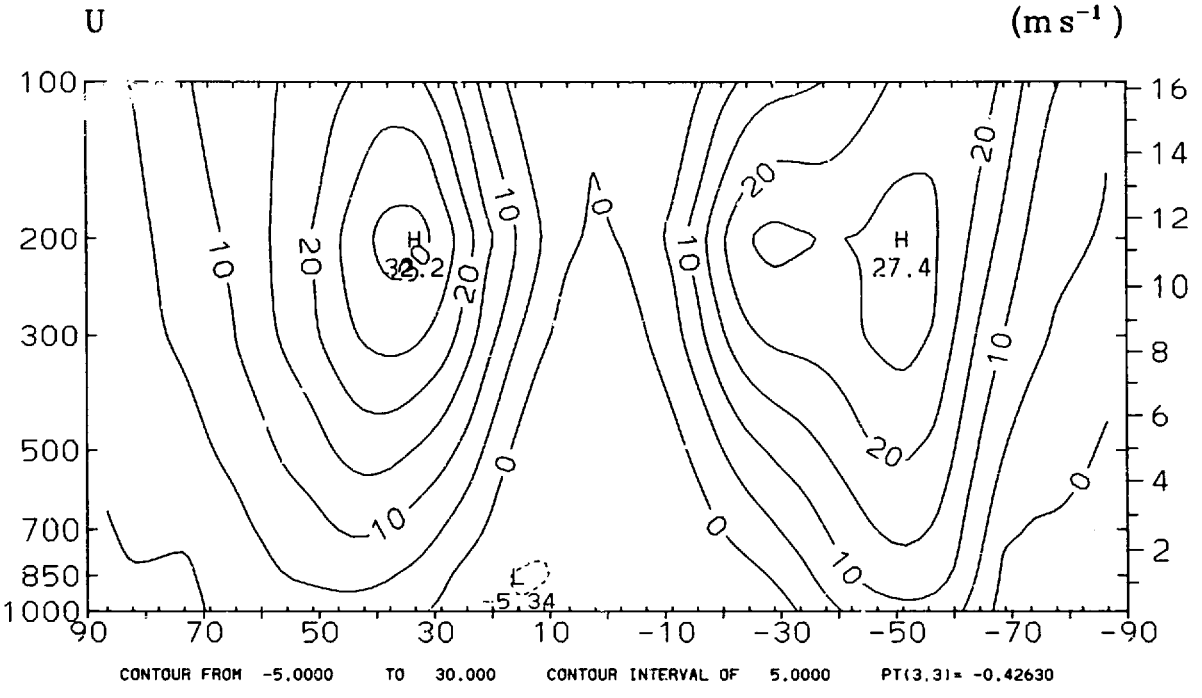

FRAME 1,108

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.109

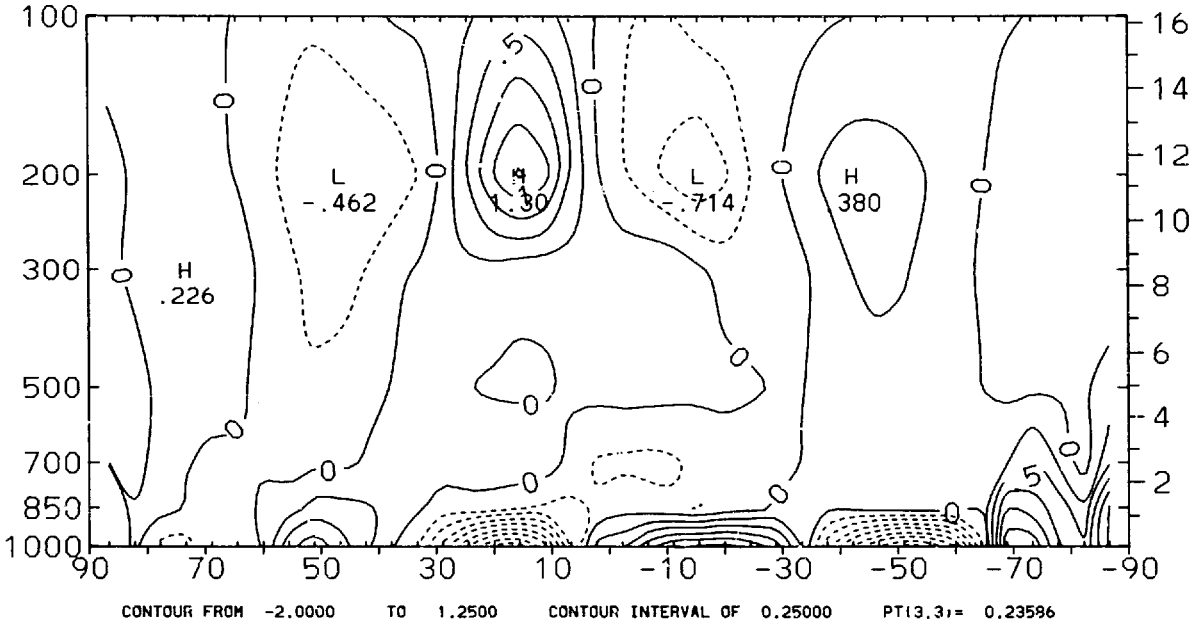
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 1.110

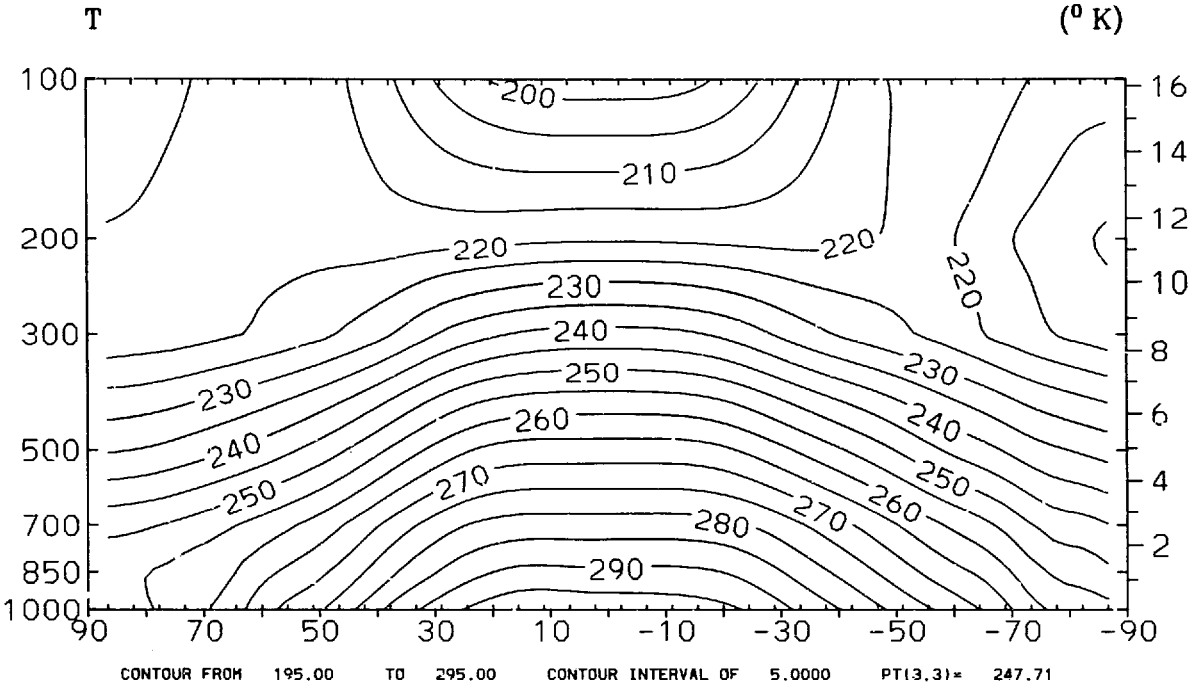
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

V (m s$^{-1}$)




FRAME 1.111

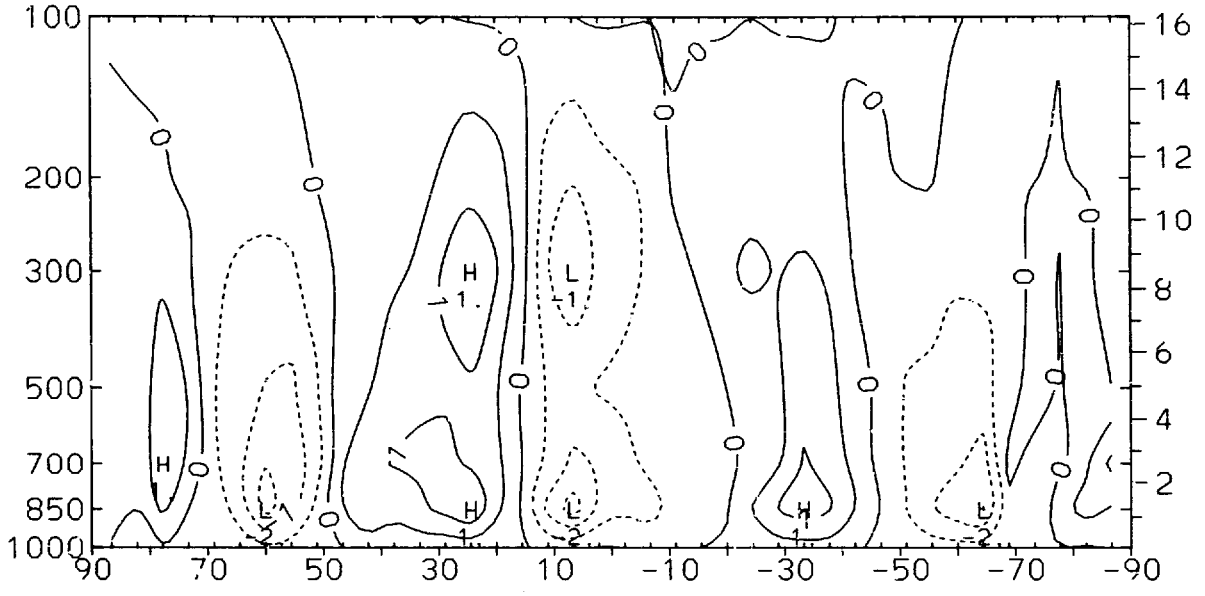
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 1.112

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

OMEGA ($mb\,s^{-1}$ X $10^4$)

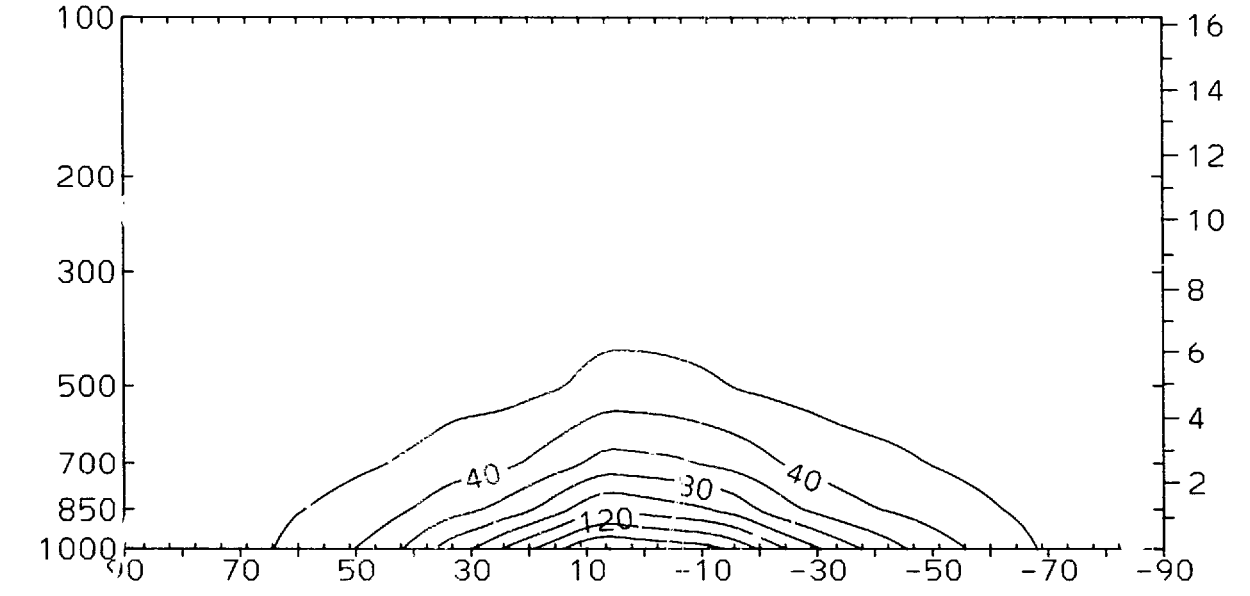



CONTOUR FROM -0.15000E-01 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= -0.10505E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

Q (g kg$^{-1}$ X 10)

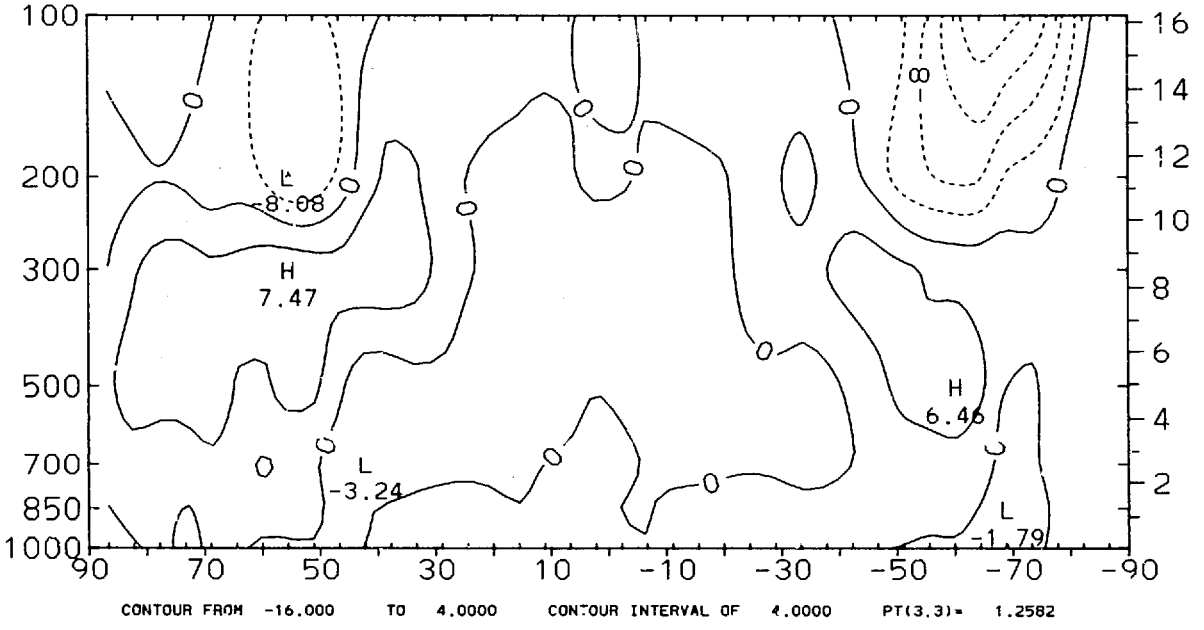



CONTOUR FROM 0.00000 TO 0.18000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.57945E-03 LABELS SCALED BY 1000.

FRAME 1.114

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1936)

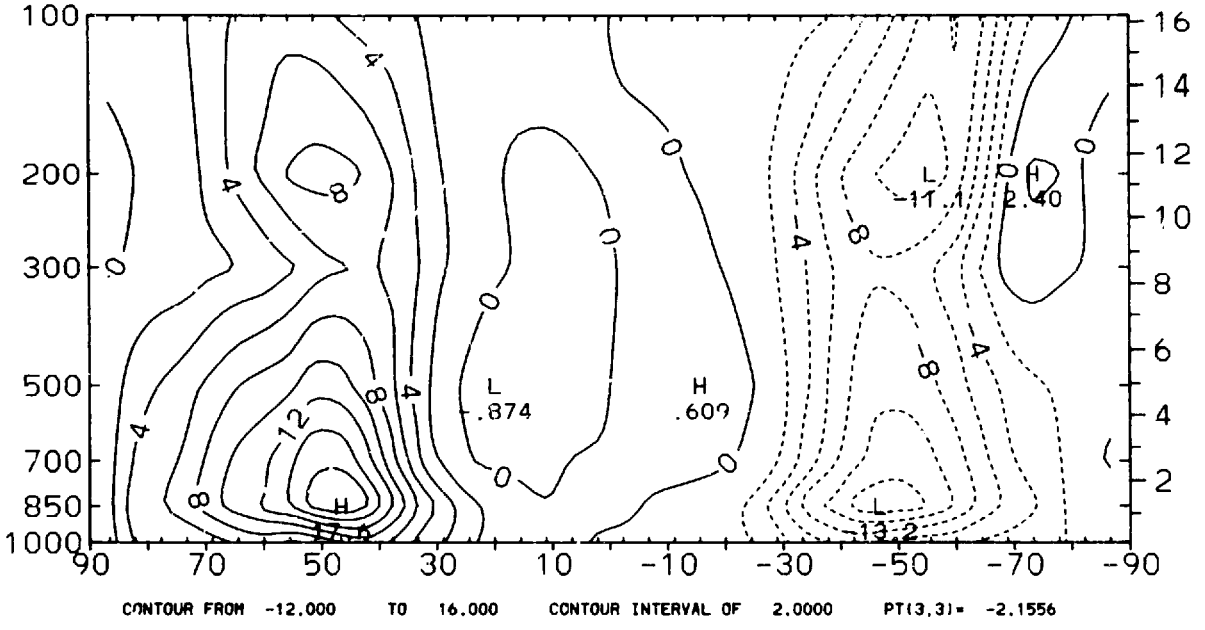
UTP ($^0$ K m s$^{-1}$)




FRAME 1.115

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

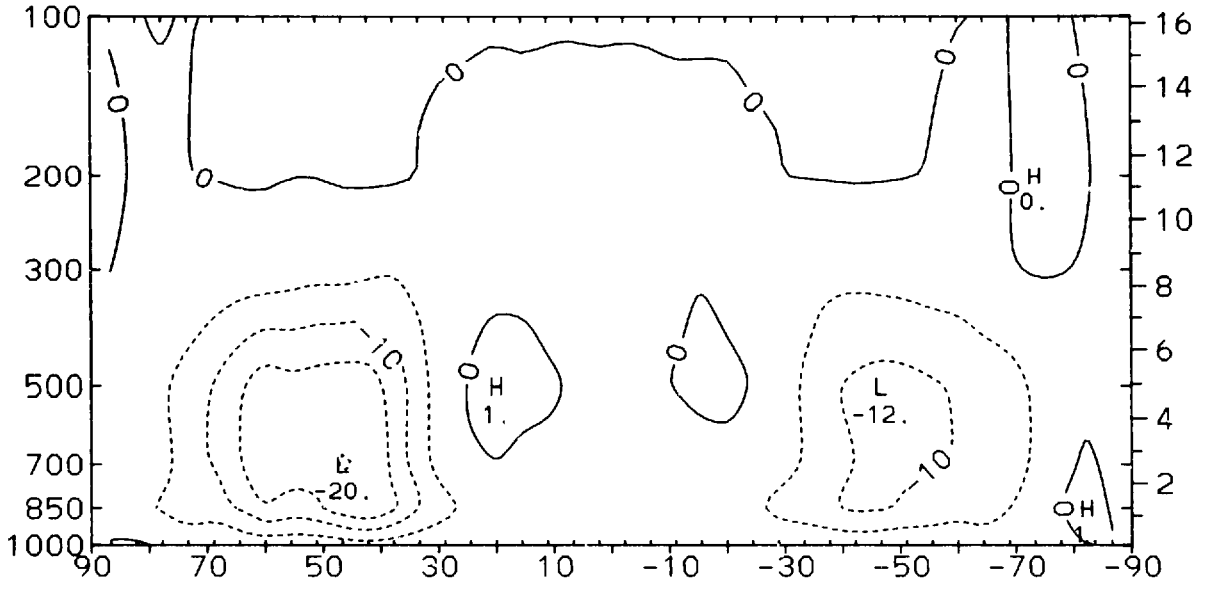
VTP ($^0$ K m s$^{-1}$)




FRAME 1.116

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

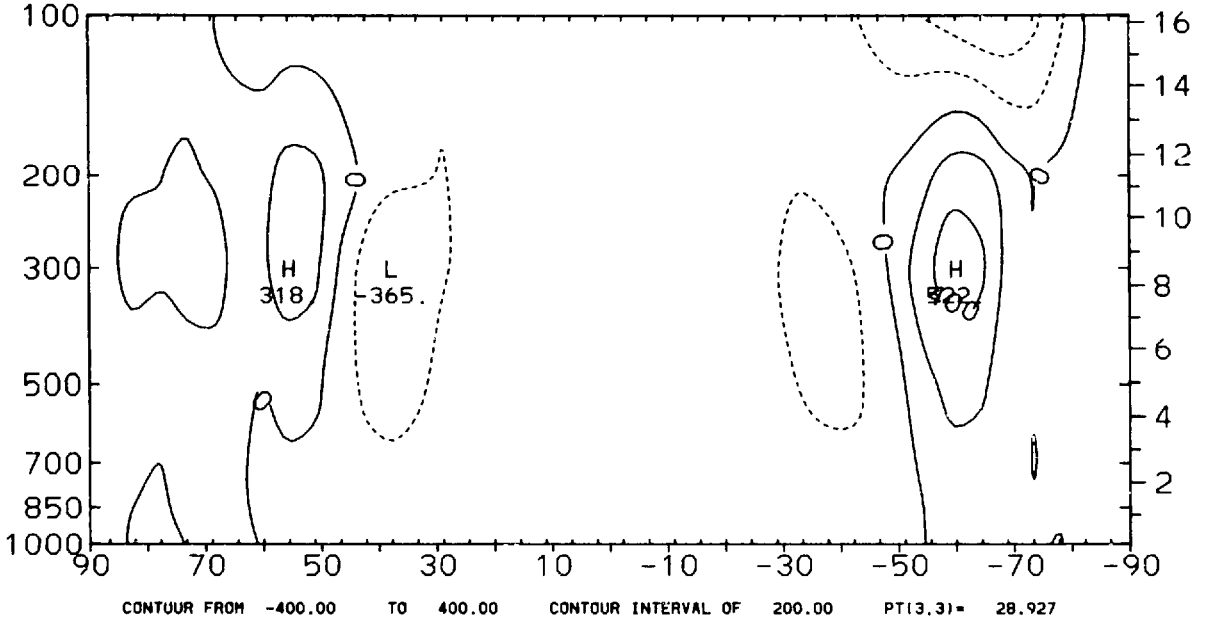
WTP ($^0$ K mb s$^{-1}$ X $10^4$)




CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.89900E-02 LABELS SCALED BY 100.00

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

UZP ($m^2 s^{-1}$)

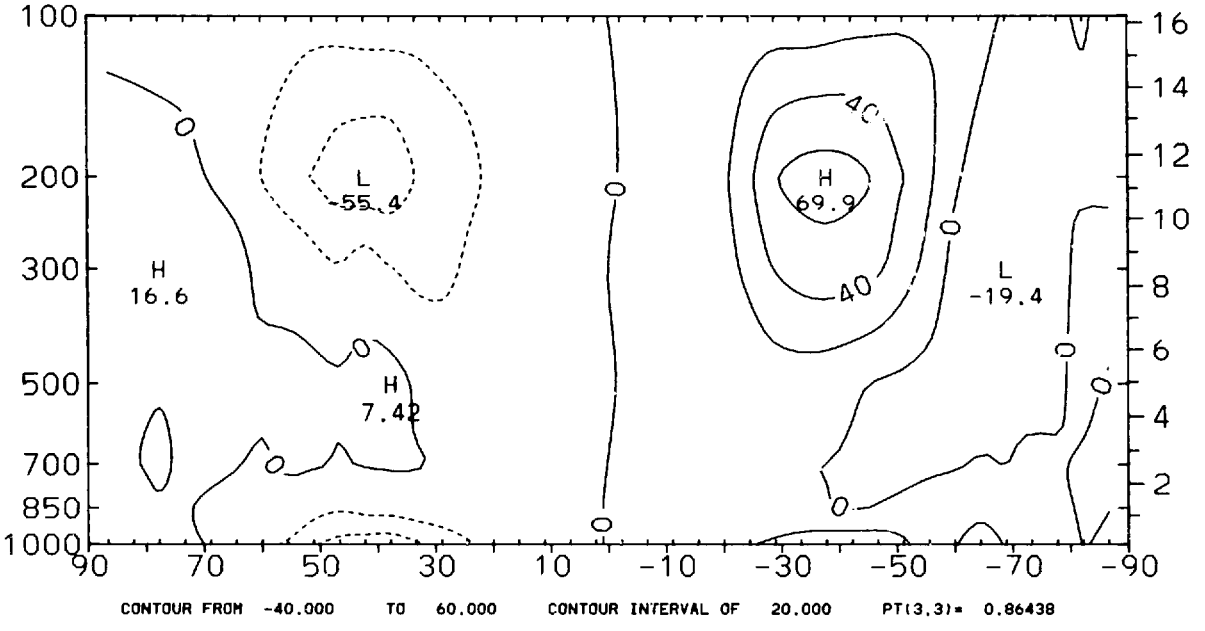



CONTOUR FROM -400.00 TO 400.00 CONTOUR INTERVAL OF 200.00 PT(3,3)= 28.927

FRAME 1.118

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

VZP ($m^2 s^{-1}$)

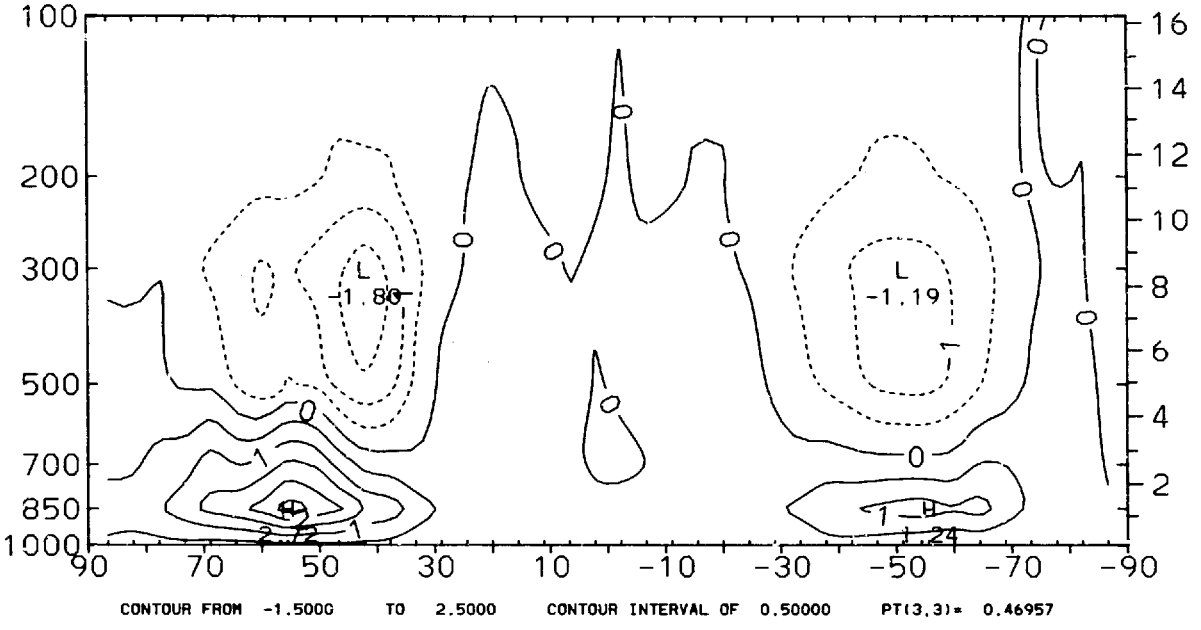



CONTOUR FROM -40.000 TO 60.000 CONTOUR INTERVAL OF 20.000 PT(3,3)= 0.86438

FRAME 1.119

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

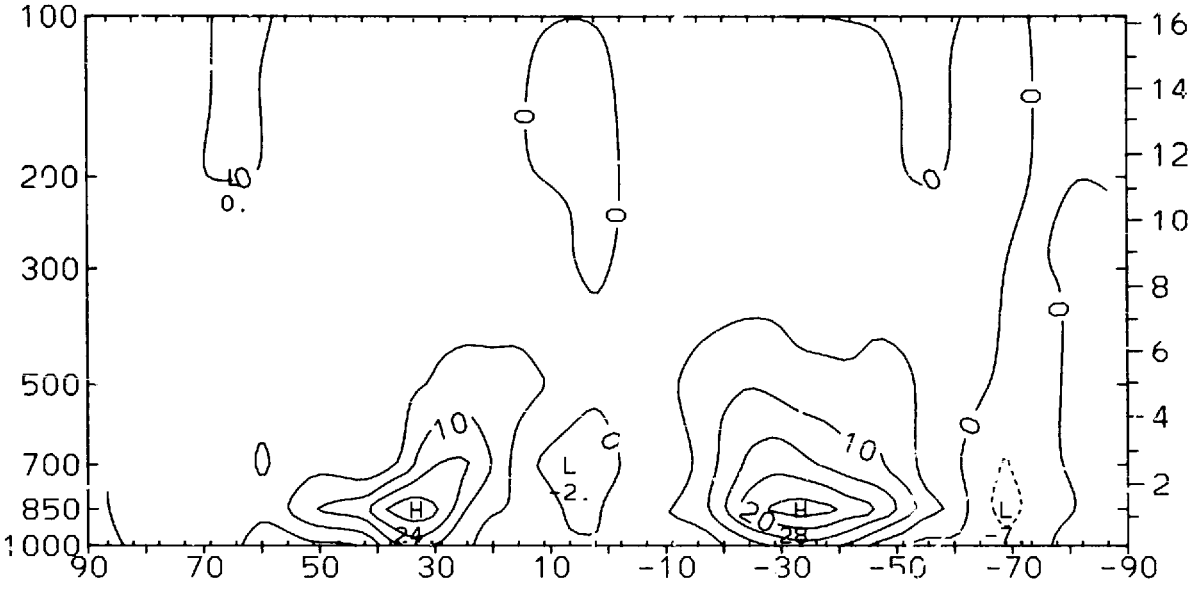
WZP (mb m s$^{-1}$ X 10$^2$)




FRAME 1.120

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

UQP $((g\,kg^{-1})m\,s^{-1}$ X 10)

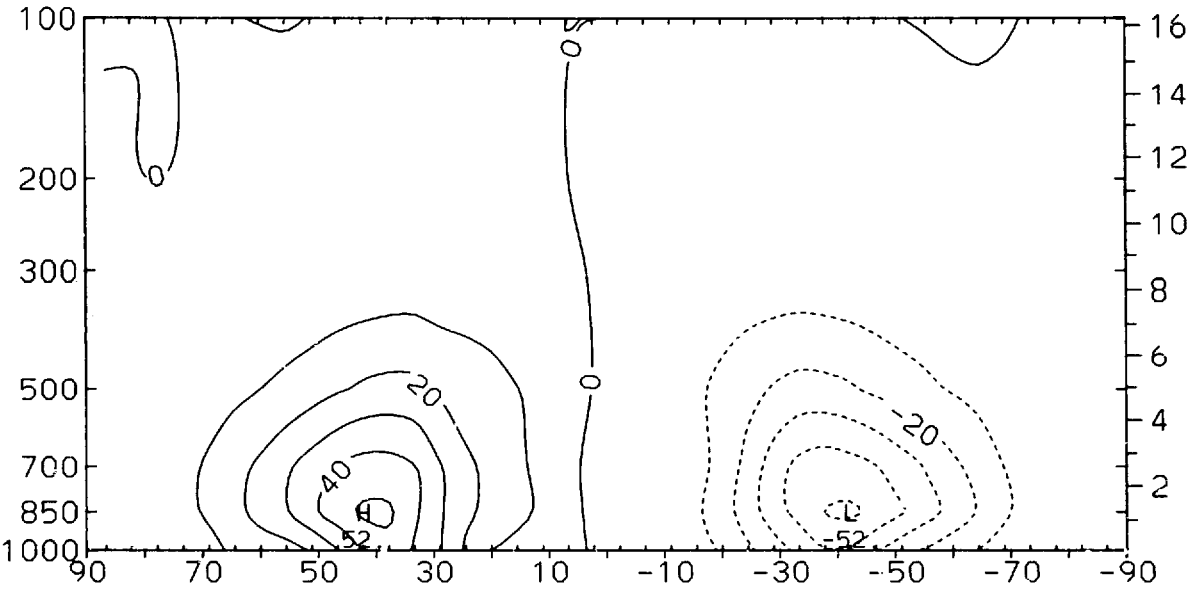



CONTOUR FROM -0.50000E-03 TO 0.25000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3.3[illegible] -0.23420E-04 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

VQP $((g\,kg^{-1})m\,s^{-1}$ X 10)

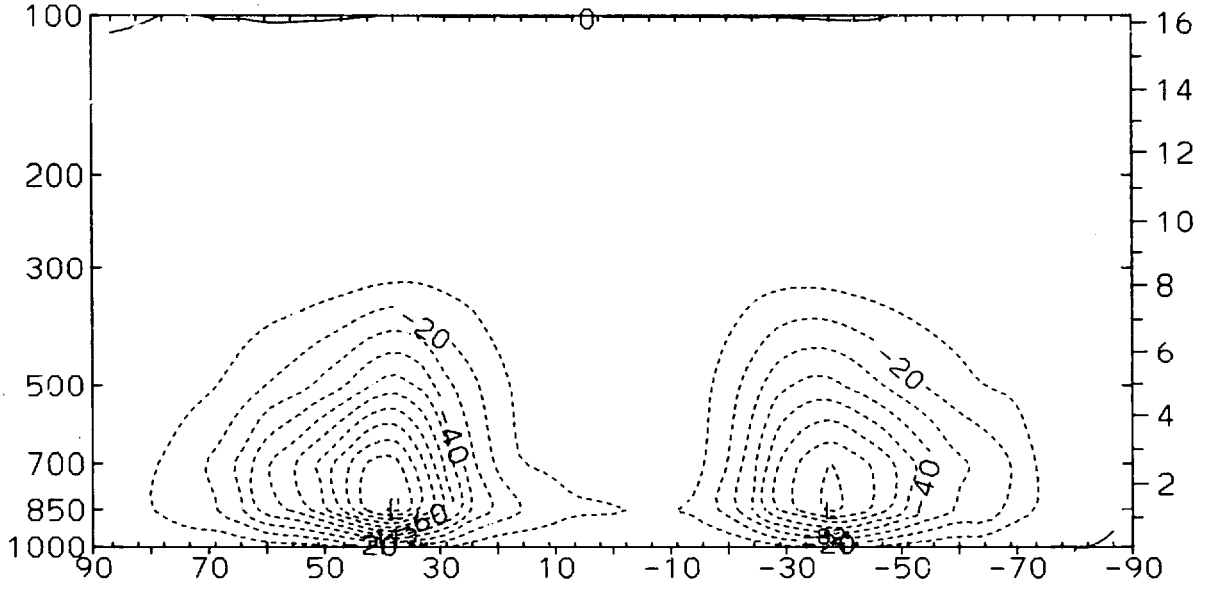



CONTOUR FROM -0.50000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.29380E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

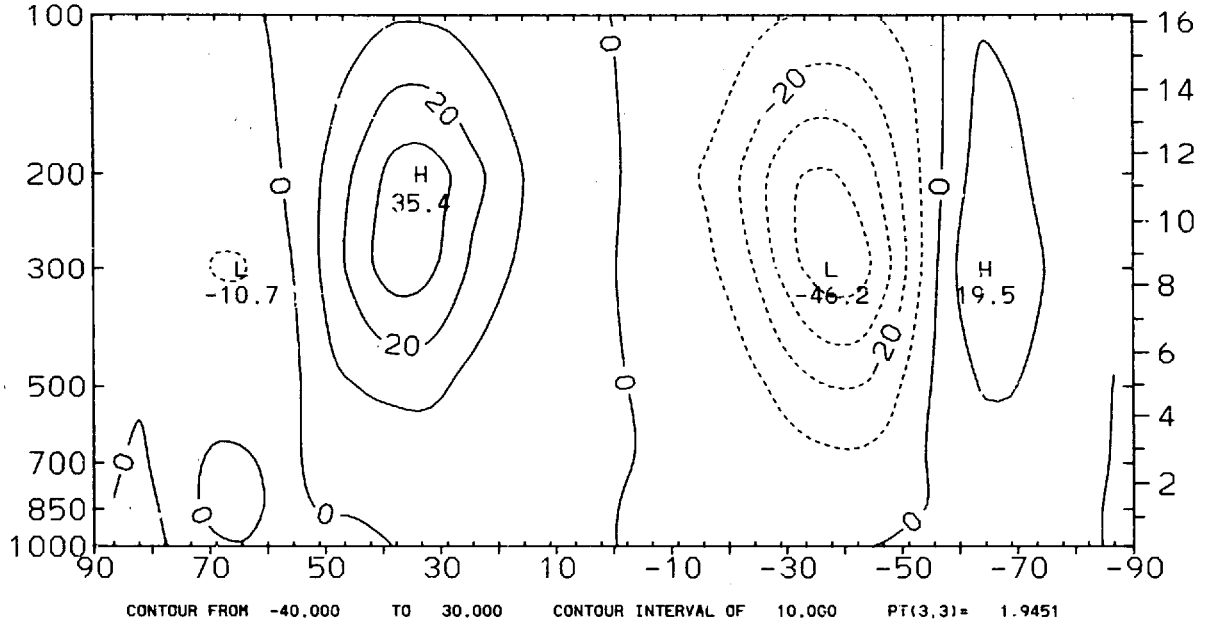



CONTOUR FROM -0.11000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.37988E-05 LABELS SCALED BY 0.10000E+07

FRAME 1,123

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

UVP $(m^2 s^{-2})$

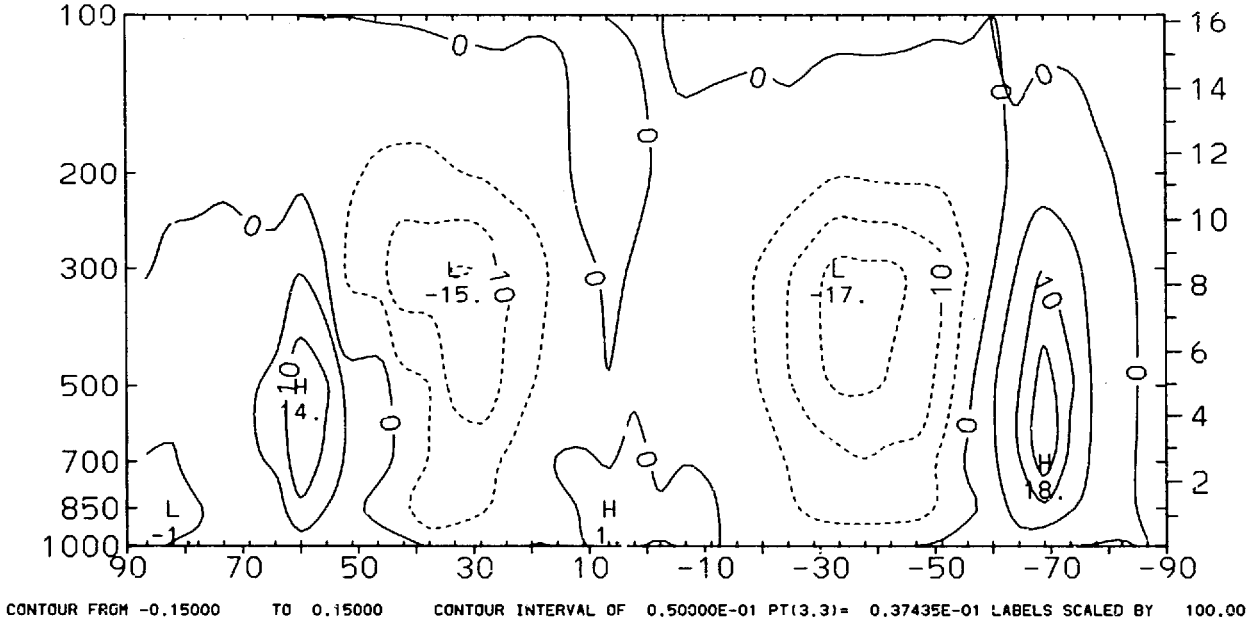



CONTOUR FROM -40.000 TO 30.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= 1.9451

FRAME 1.124

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

UWP (mb m s$^{-2}$ X 10$^4$)

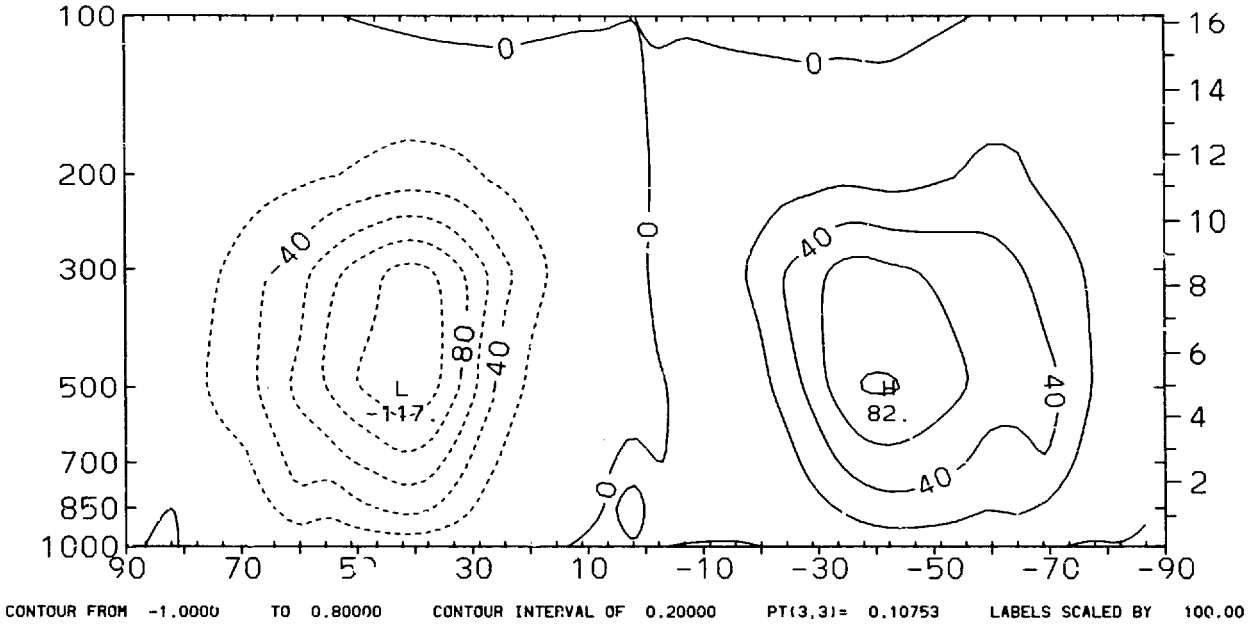



CONTOUR FROM -0.15000 TO 0.15000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.37435E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

VWP (mb m s$^{-2}$ X 10$^4$)

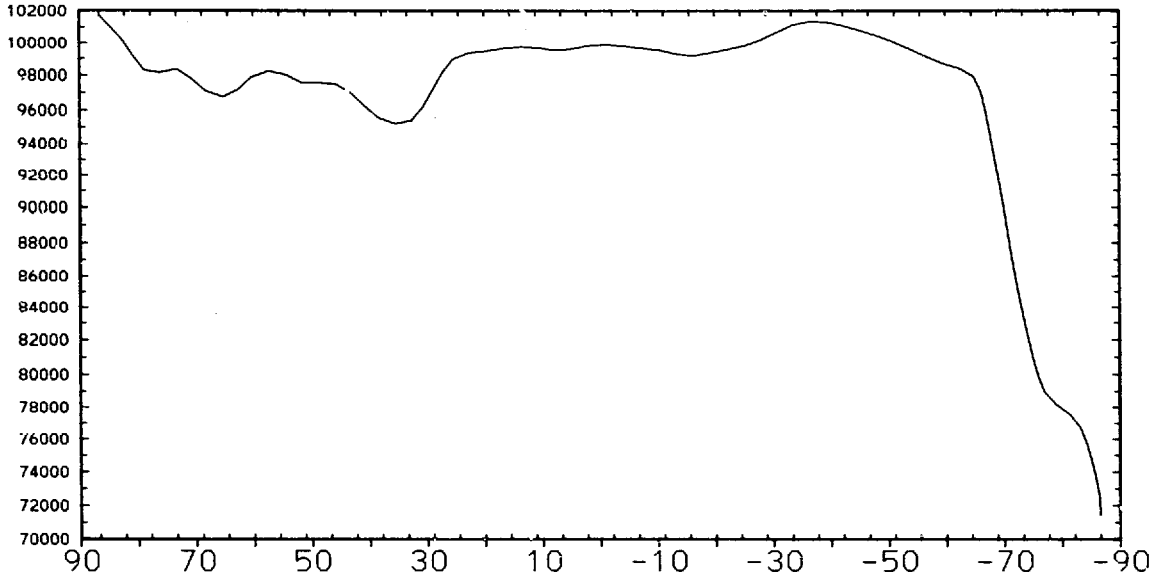



CONTOUR FROM -1.0000 TO 0.80000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.10753 LABELS SCALED BY 100.00

FRAME 1.126

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

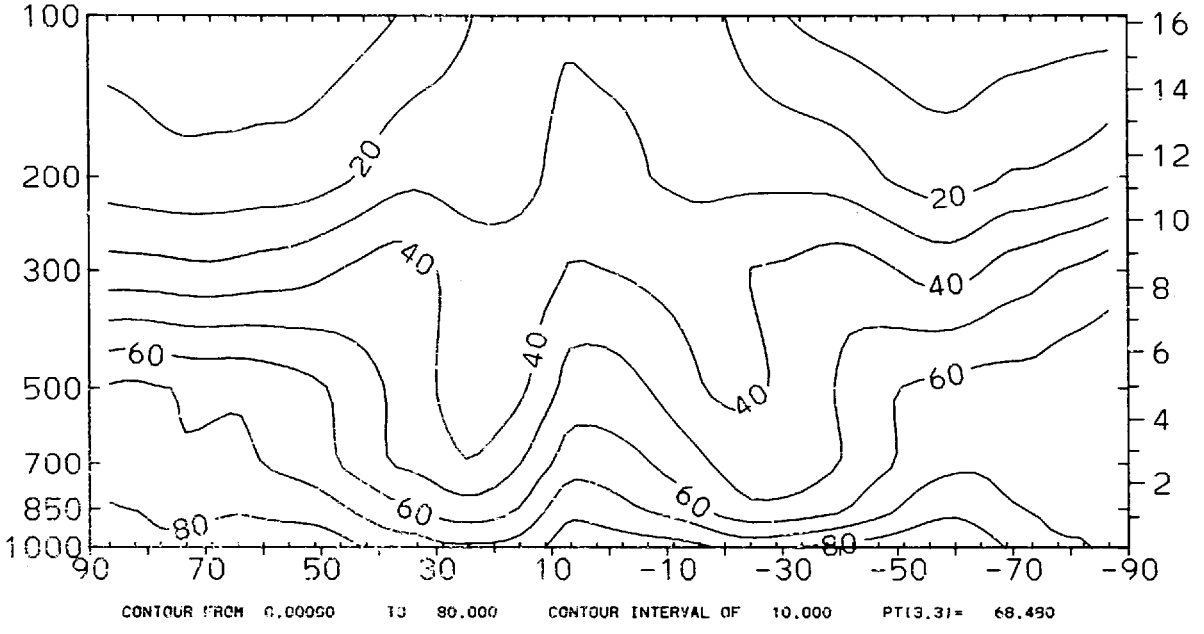
PS (mb X $10^2$)




FRAME 1.127

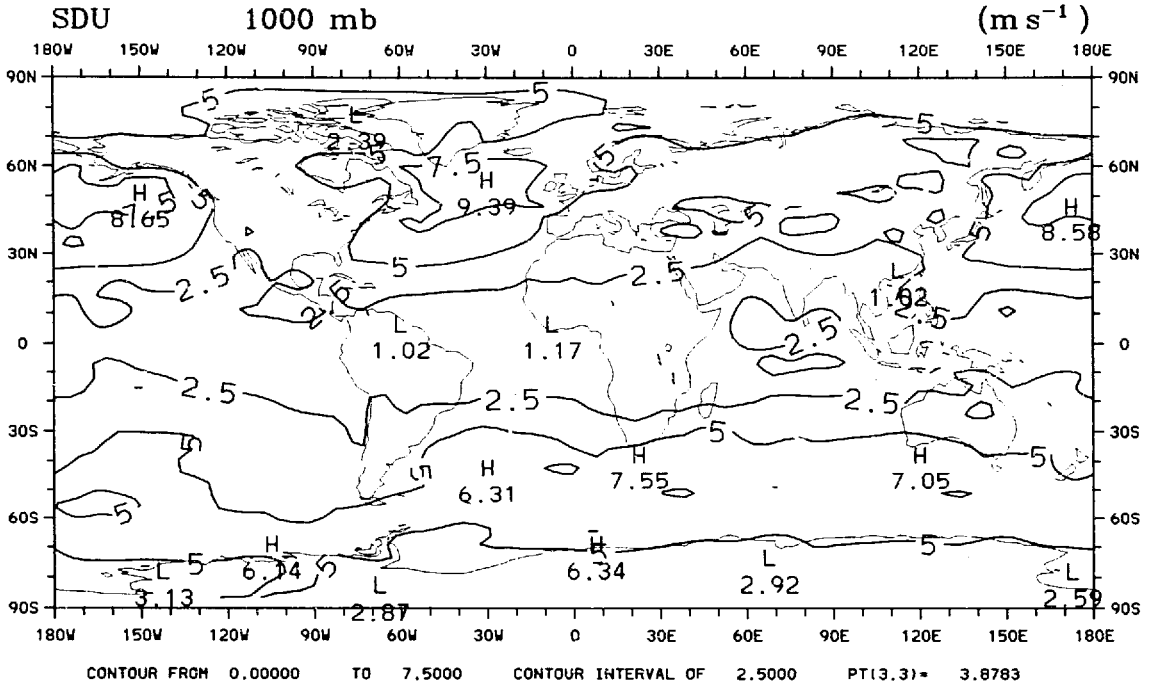
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

RH (%)



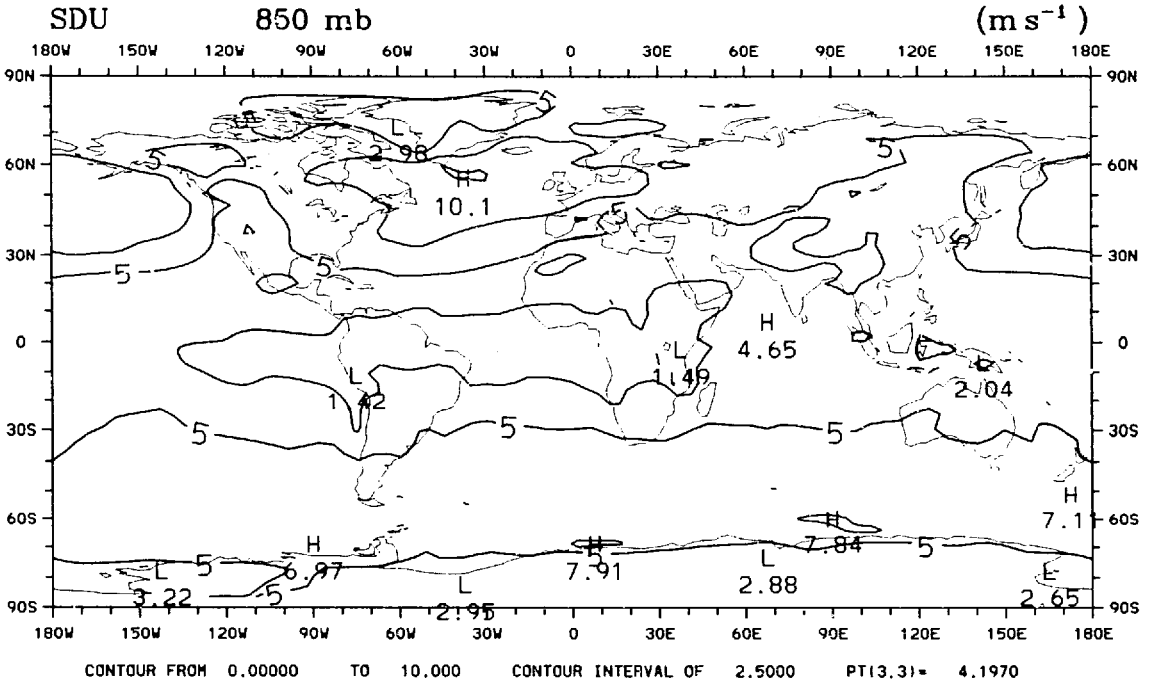

FRAME 1.128

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



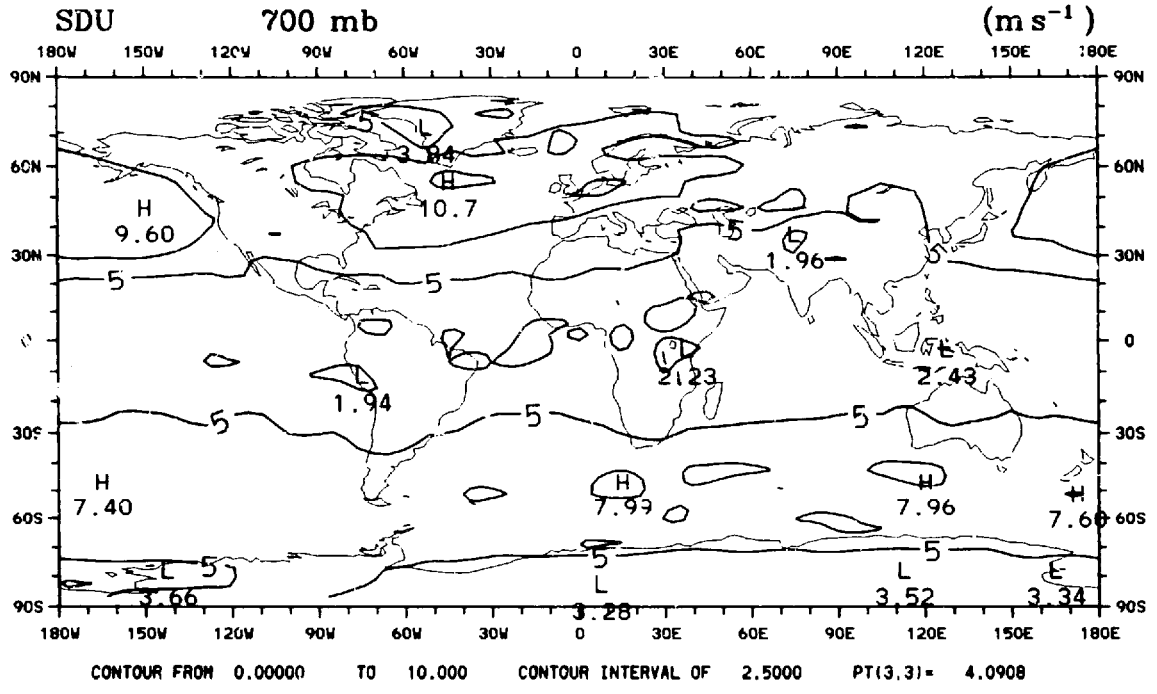

FRAME 2.1

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



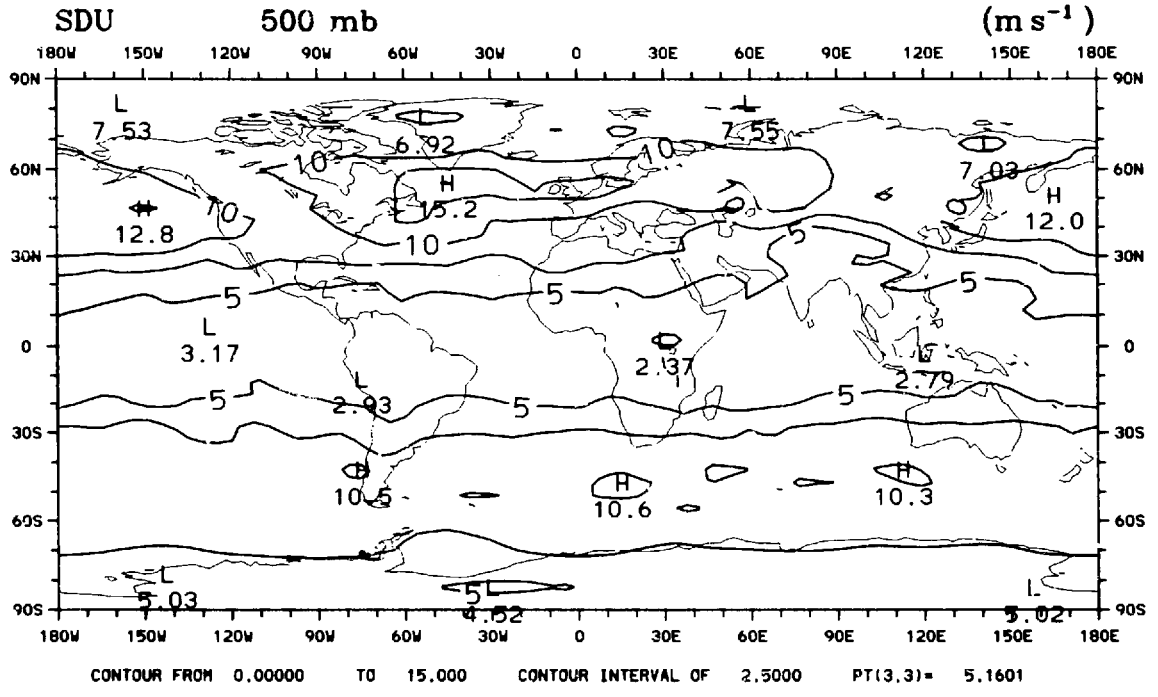

FRAME 2.2

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



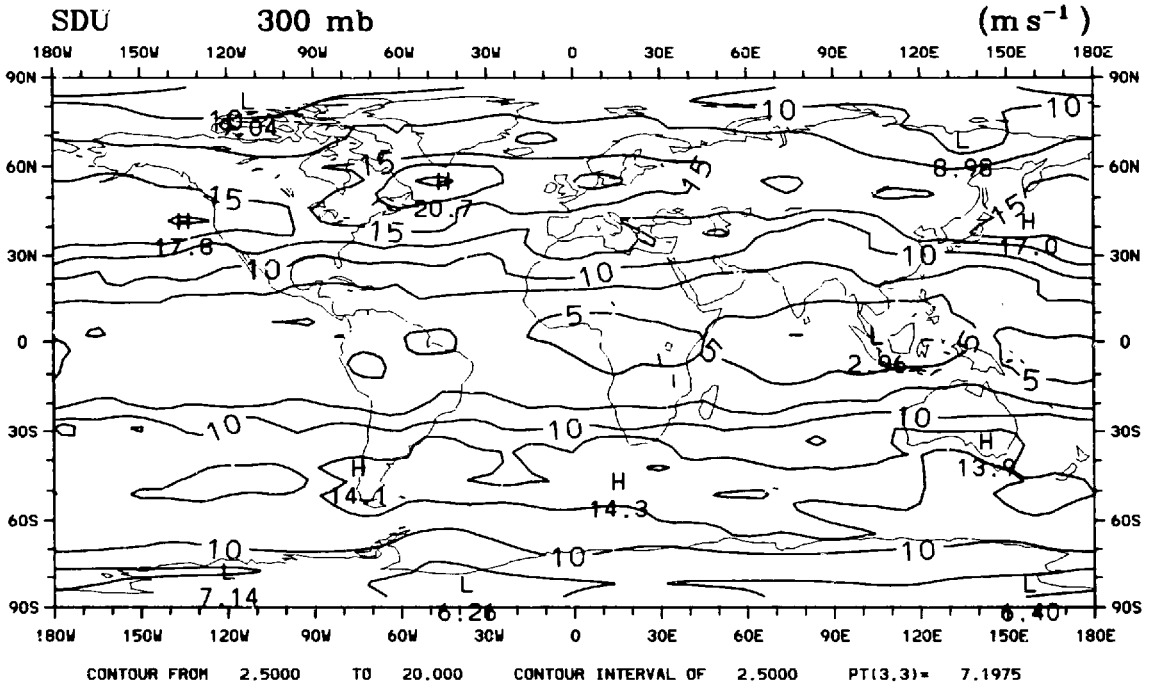

FRAME 2.3

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



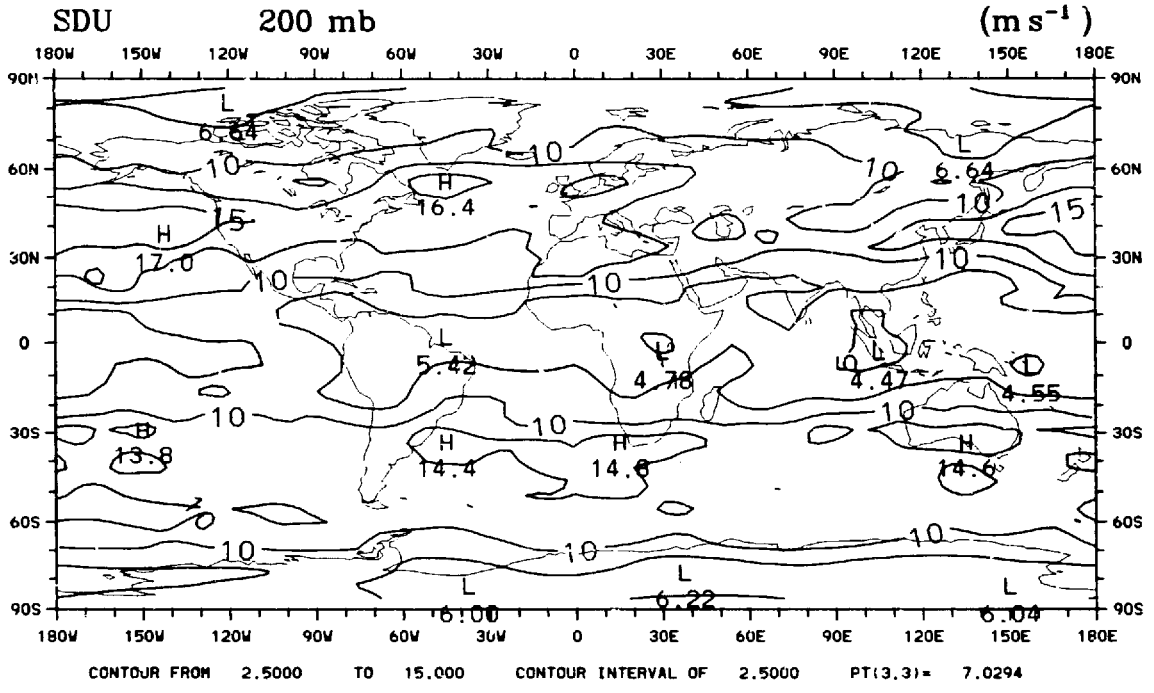

FRAME 2.4

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



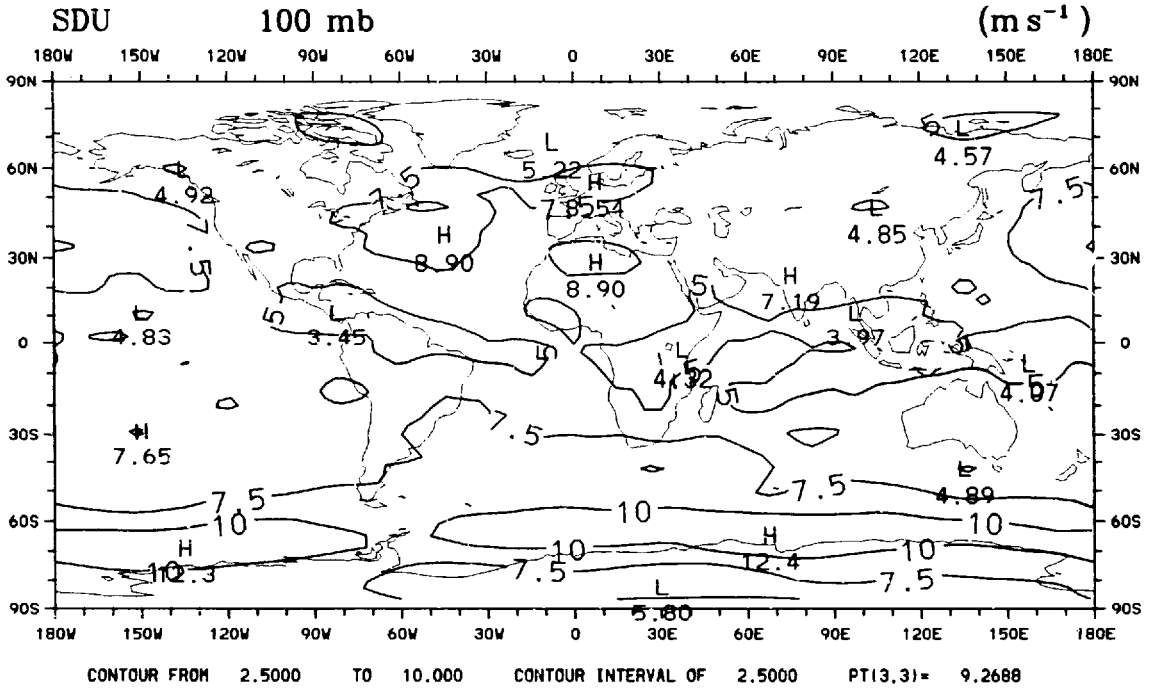

FRAME 2.5

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.6

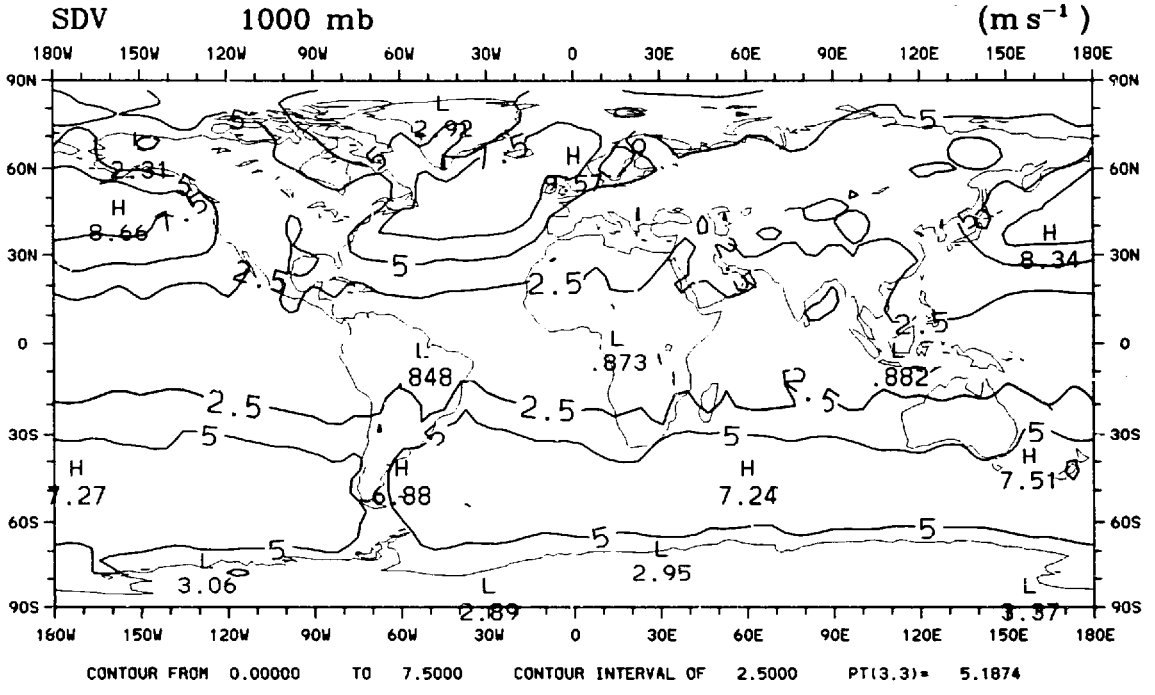
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



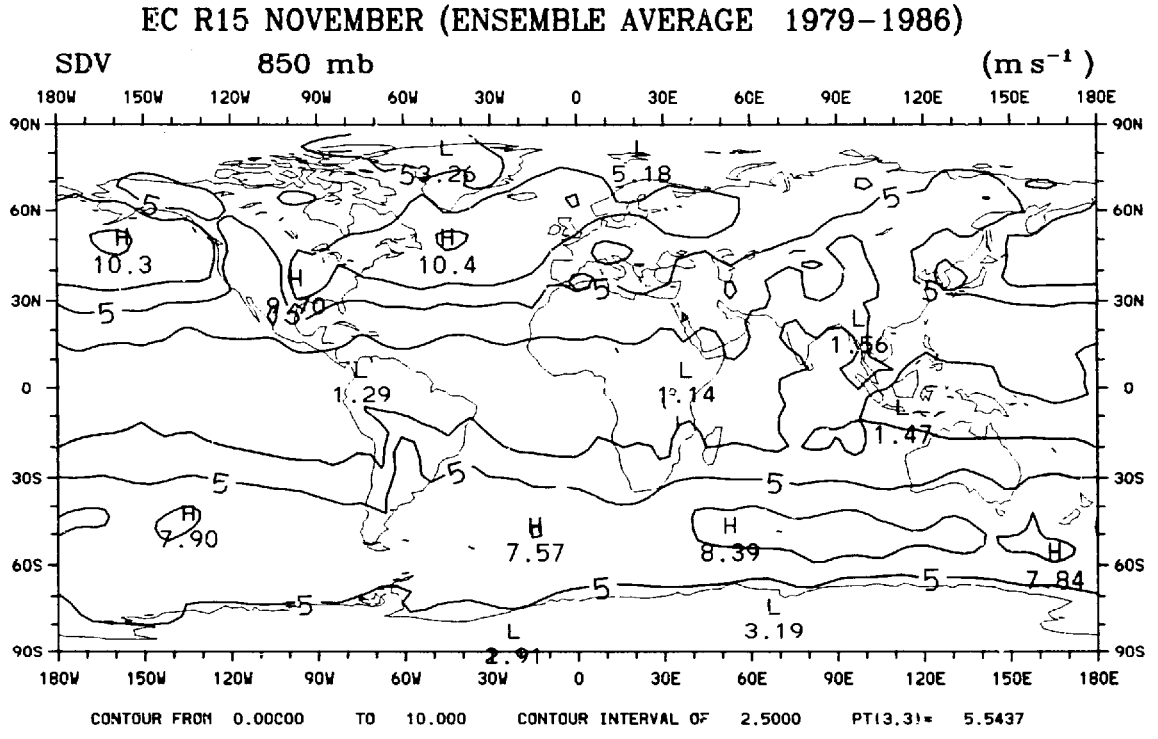

CONTOUR FROM 2.5000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 9.2688

FRAME 2.7

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

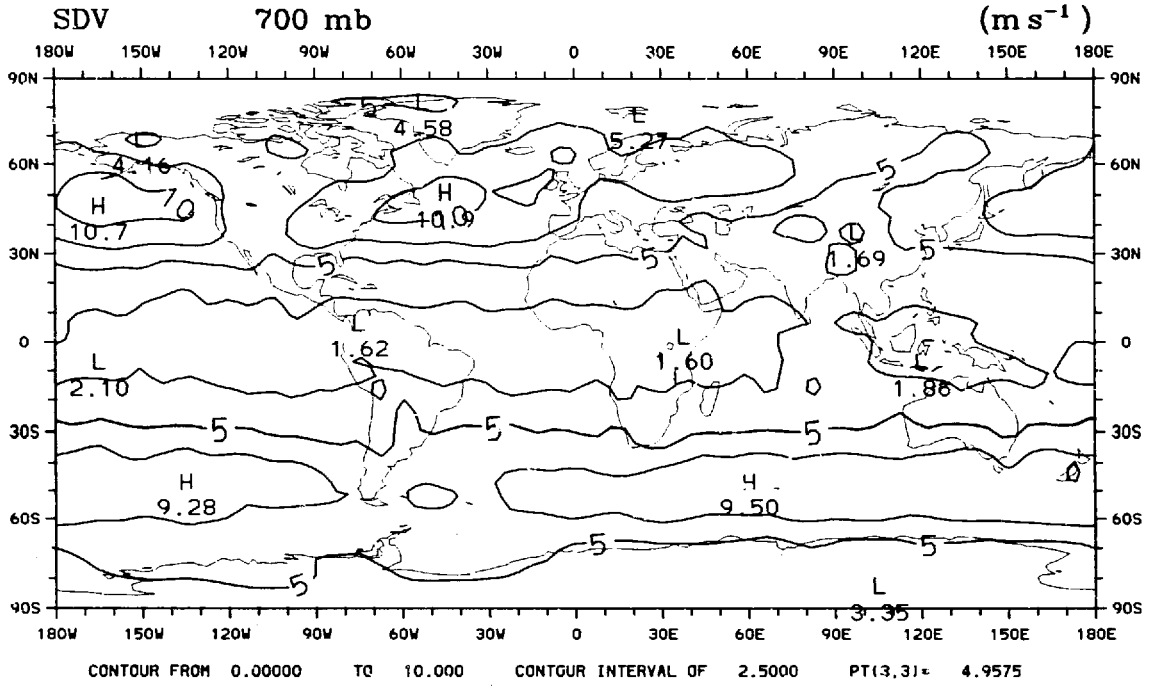



FRAME 2.8


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
SDV
850 mb
(m s$^{-1}$)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
10.3
10.4
8.70
5.26
5.18
1.29
1.14
1.56
1.47
7.90
7.57
8.39
7.84
3.19
2.91
CONTOUR FROM 0.00000 TO 10.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 5.5437

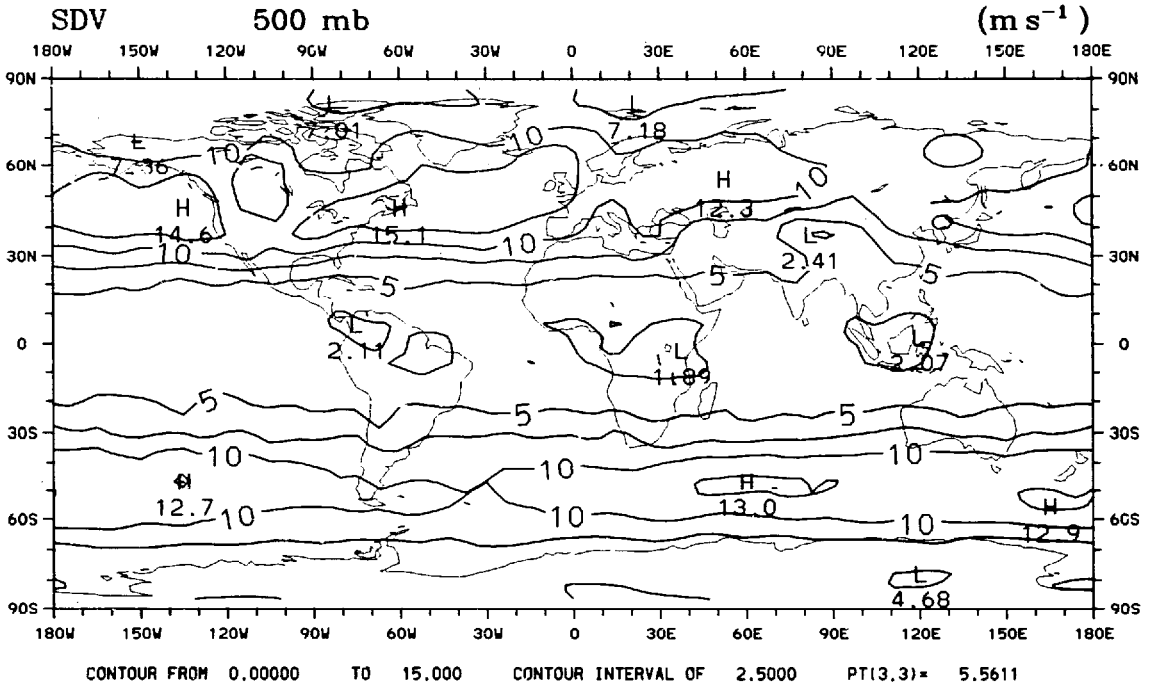
FRAME 2.9

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



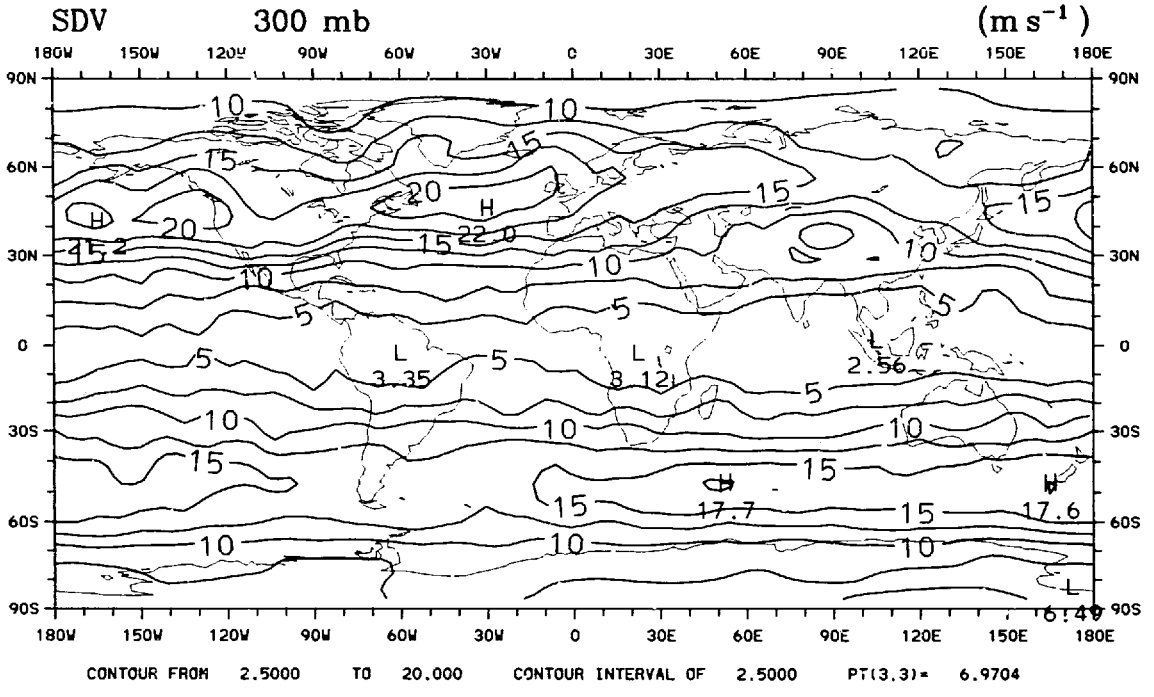

FRAME 2.10

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



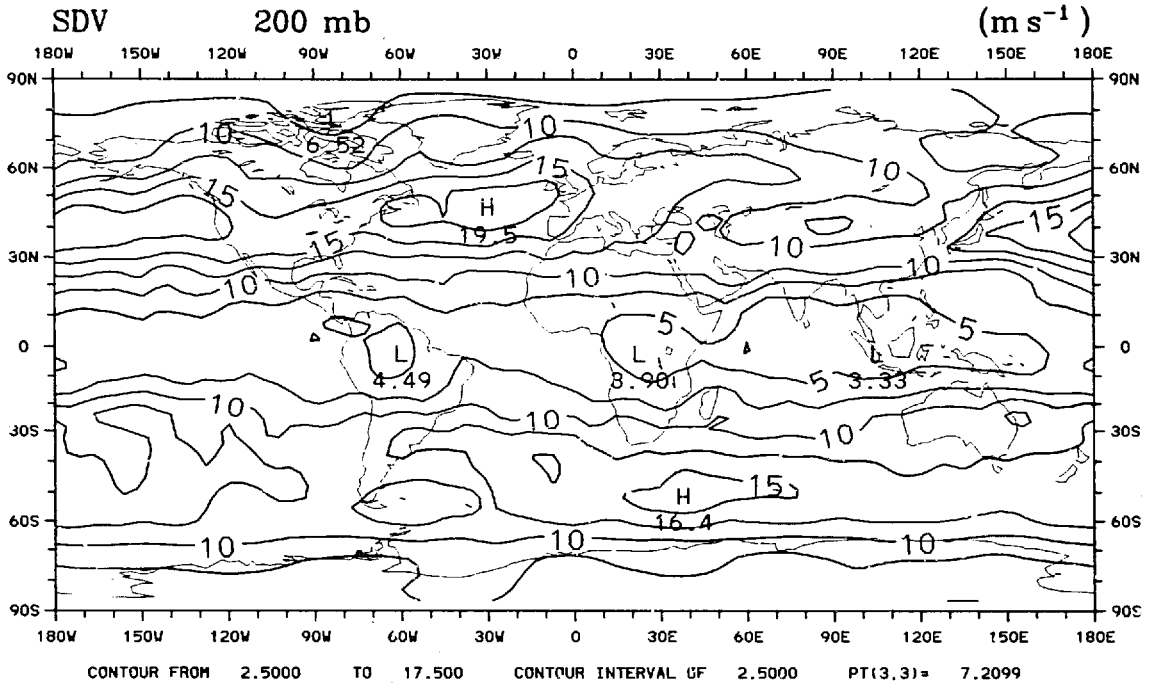

FRAME 2.11

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



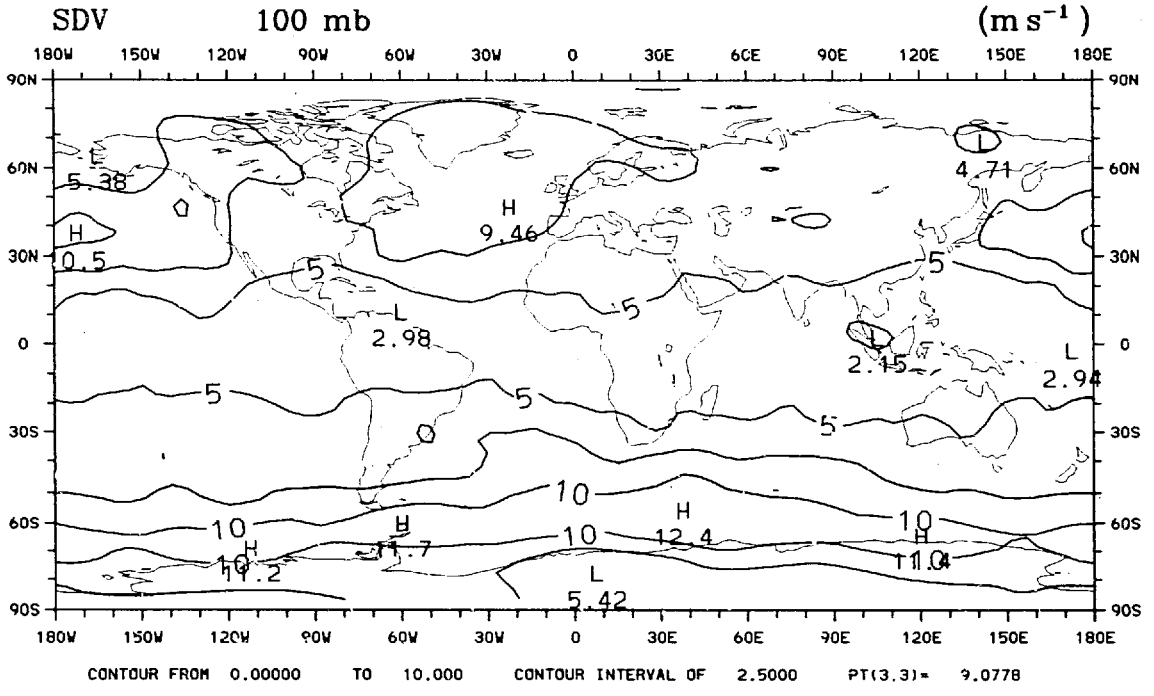

FRAME 2.12

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



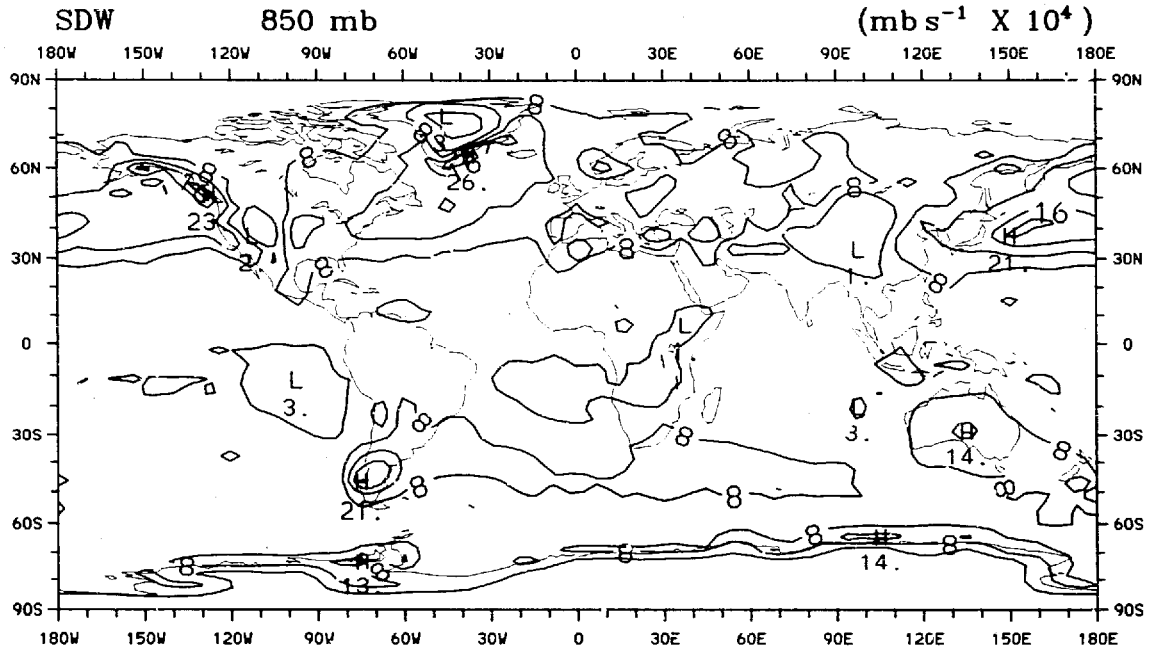

FRAME 2.13

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.14

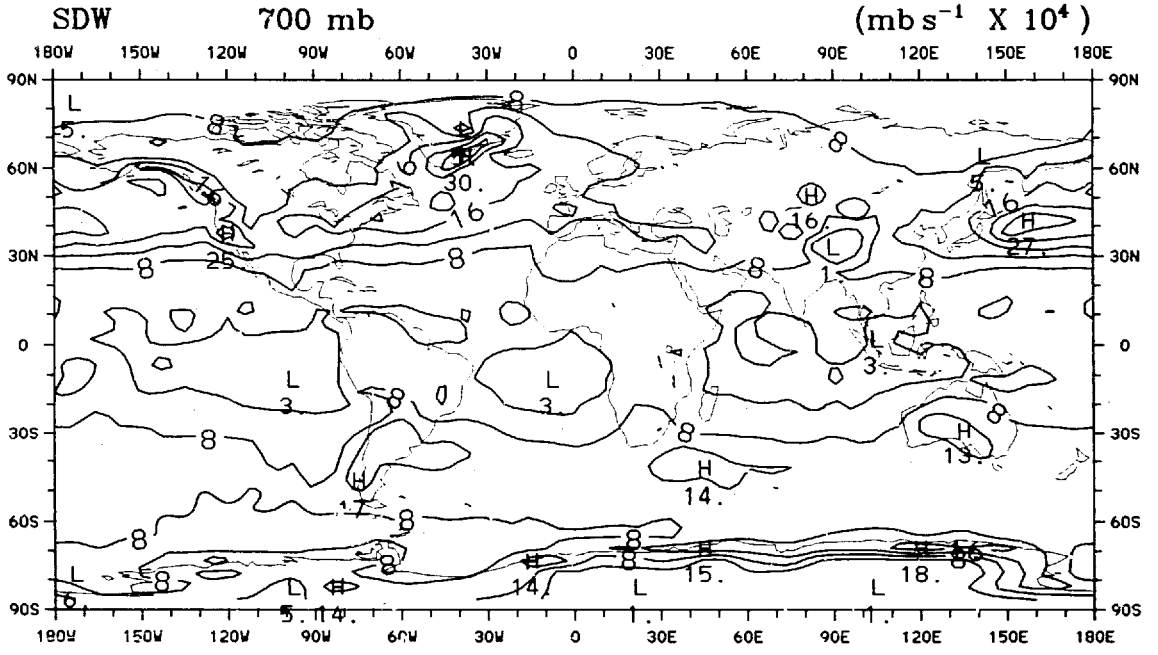
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.24000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.54776E-01 LABELS SCALED BY 100.00

FRAME 2.15

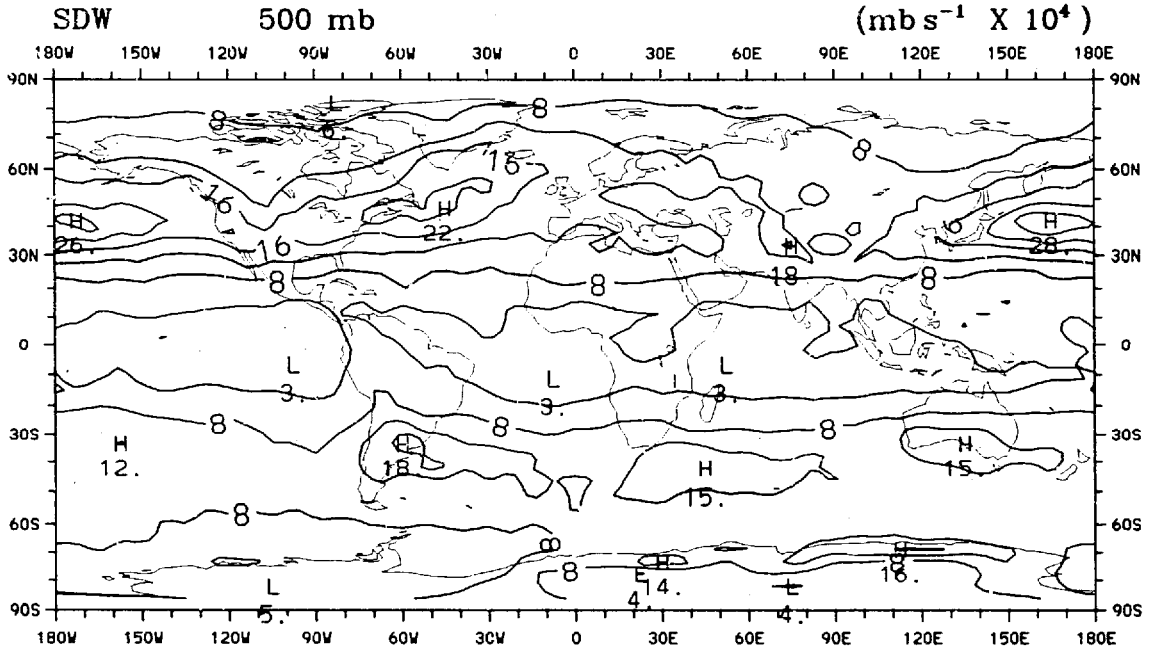
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.28000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.58573E-01 LABELS SCALED BY 100.00

FRAME 2.16

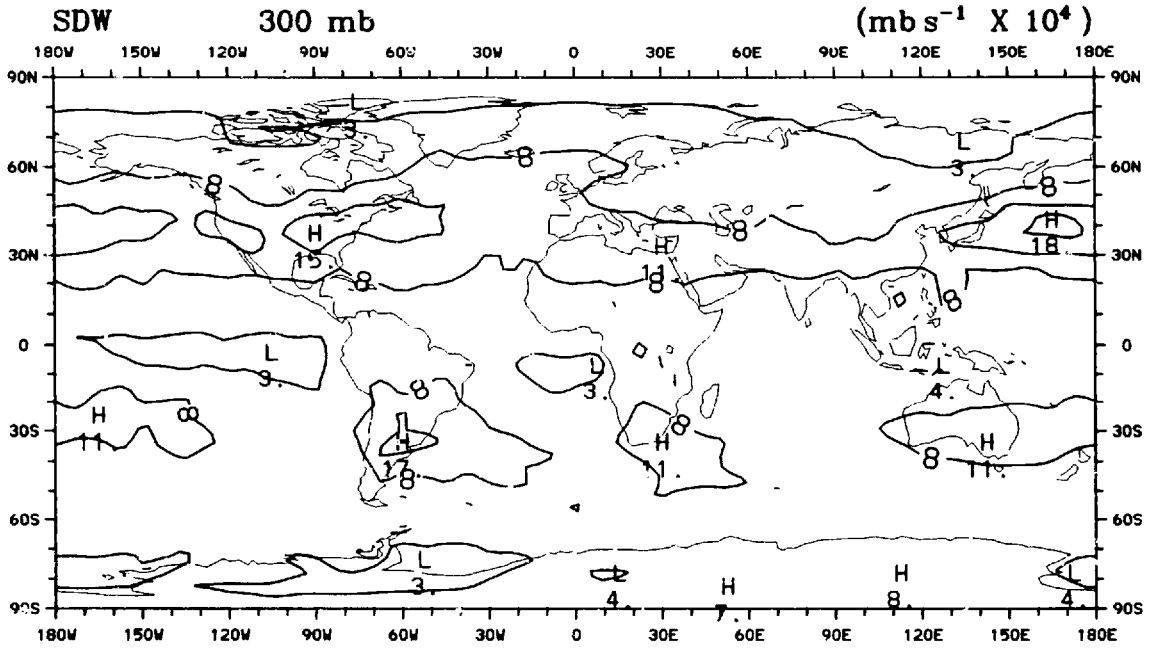
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.24000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.57955E-01 LABELS SCALED BY 100.00

FRAME 2.17

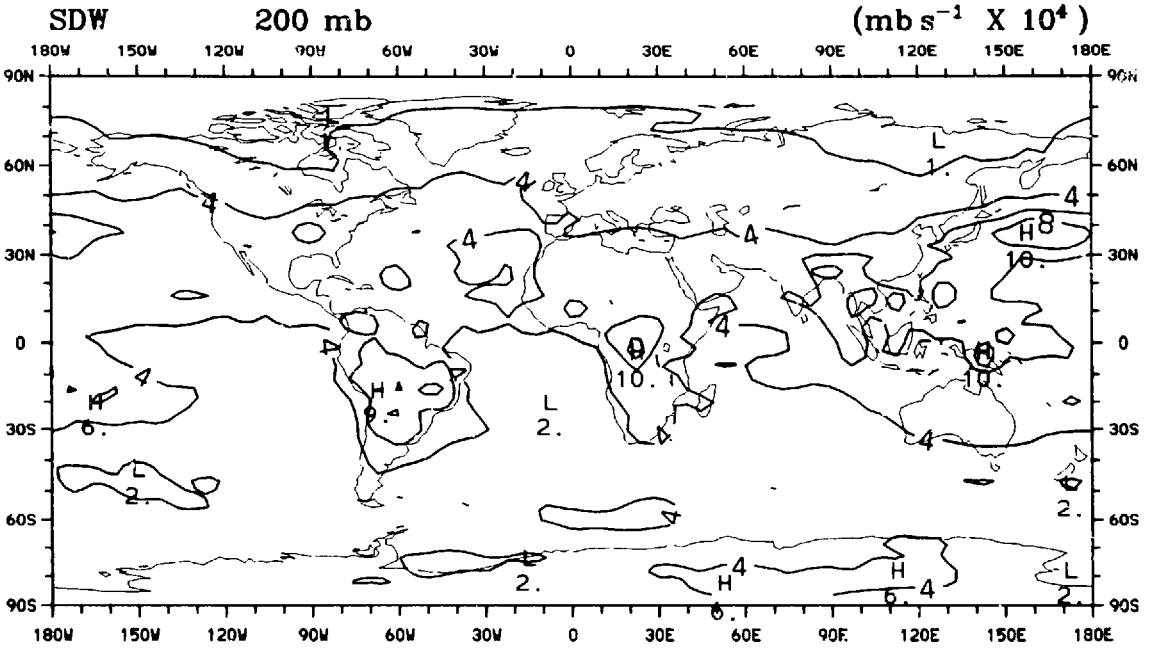
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.16000 CONTOUR INTERVAL OF 0.40000E-01 PT(3,3)= 0.37688E-01 LABELS SCALED BY 100.00

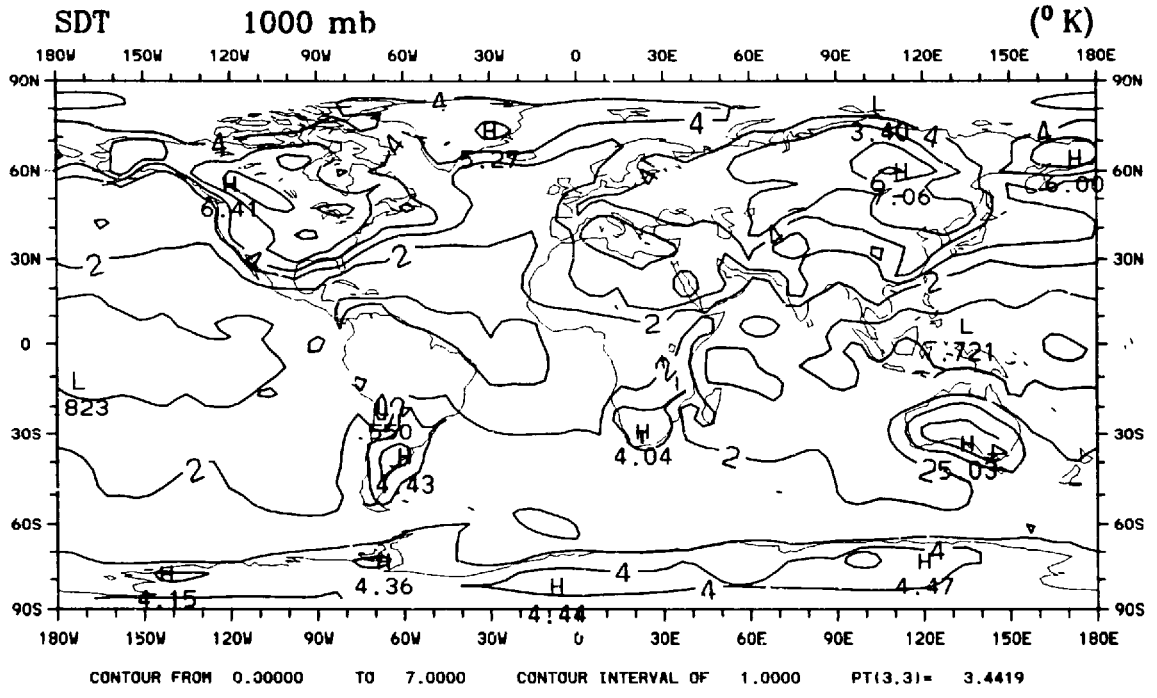
FRAME 2.18

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



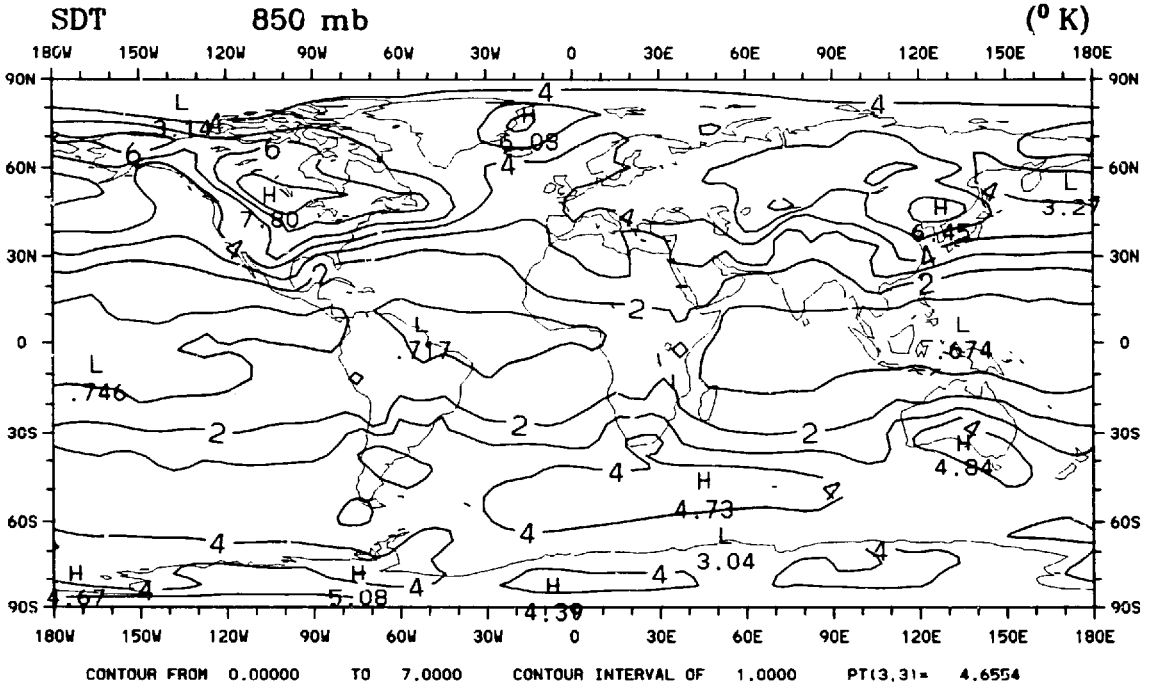

FRAME 2.19

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



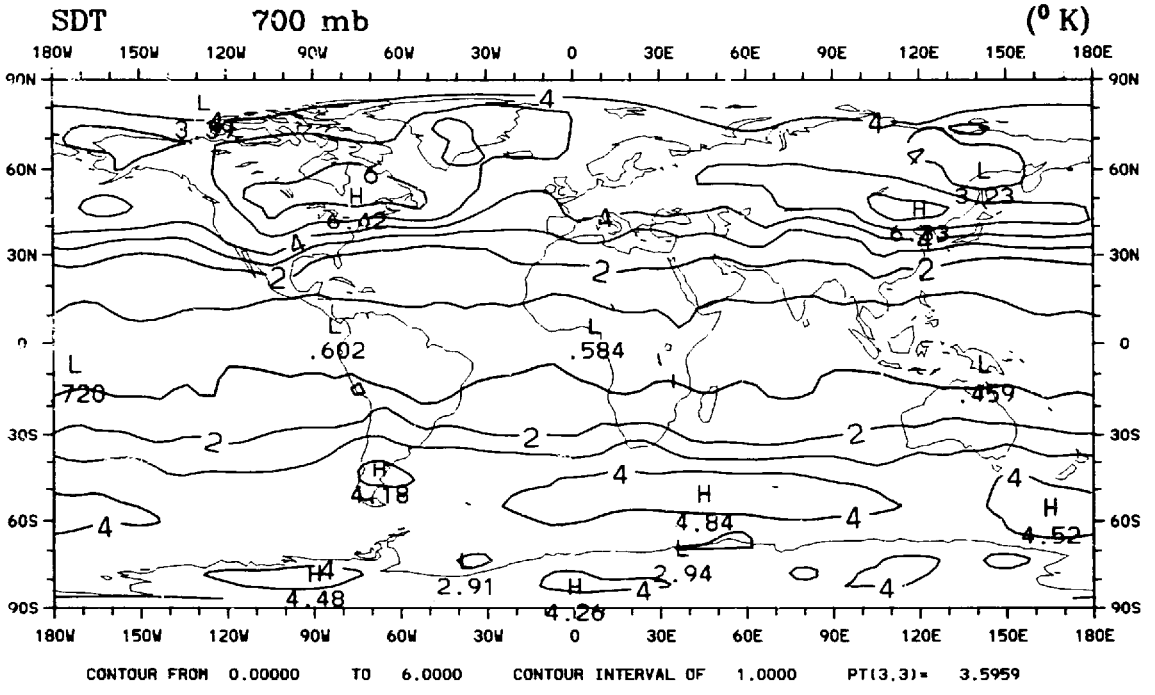

FRAME 2.20

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



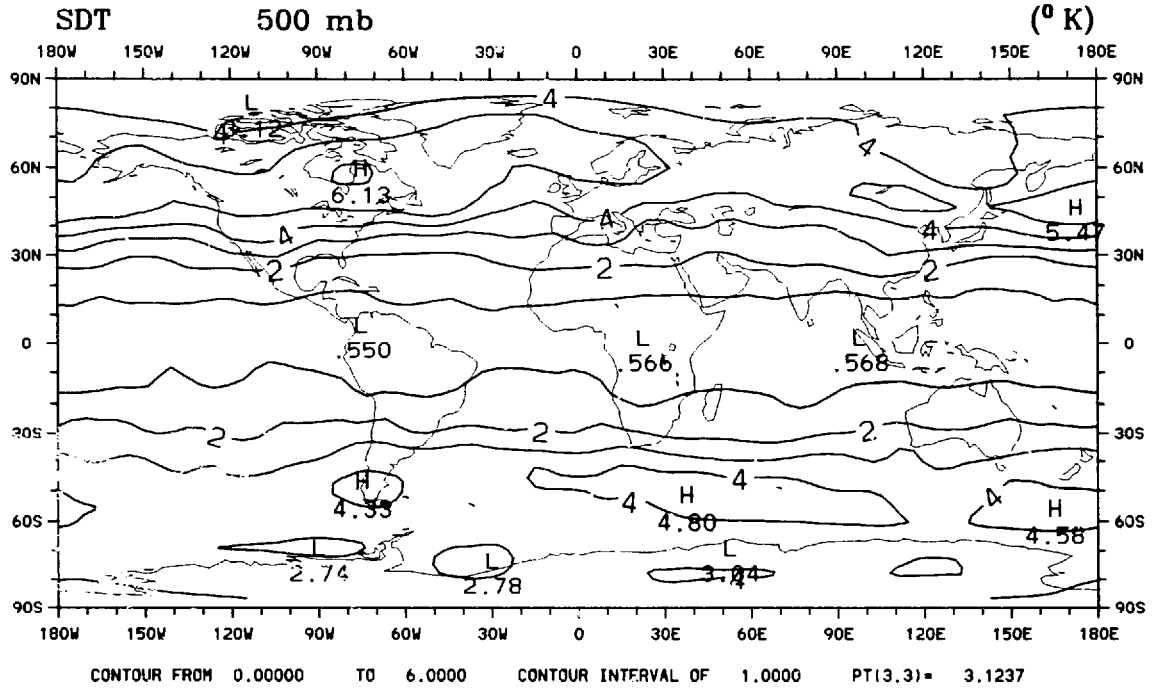

FRAME 2.21

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.22

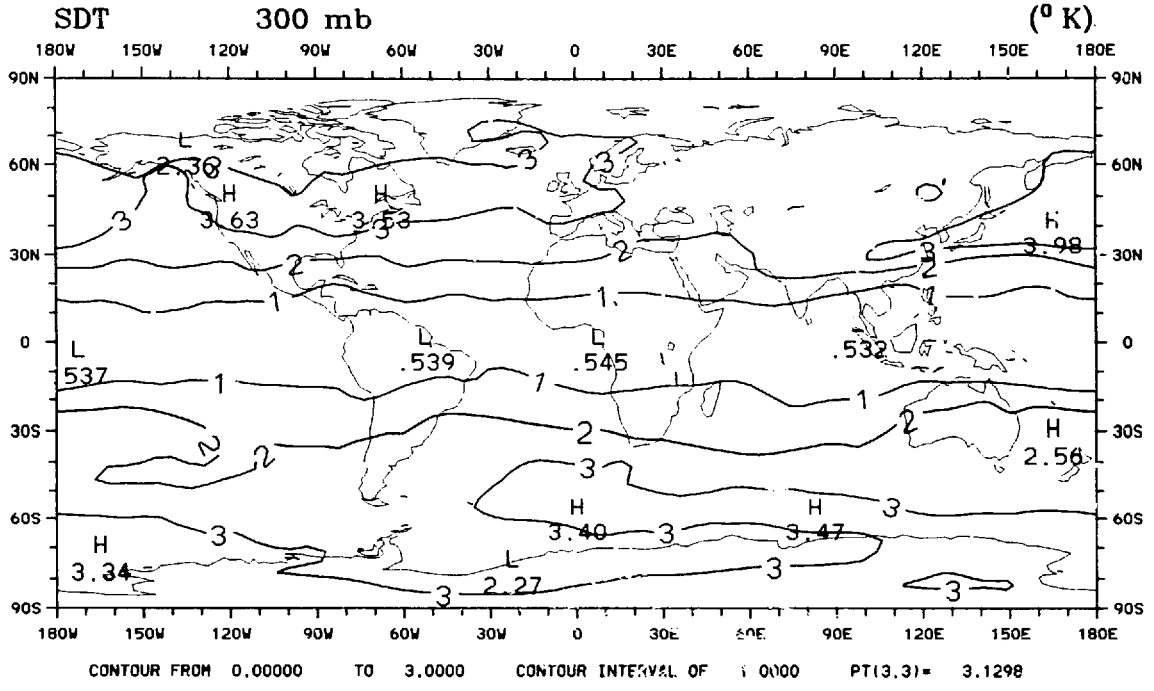
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 6.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 3.1237

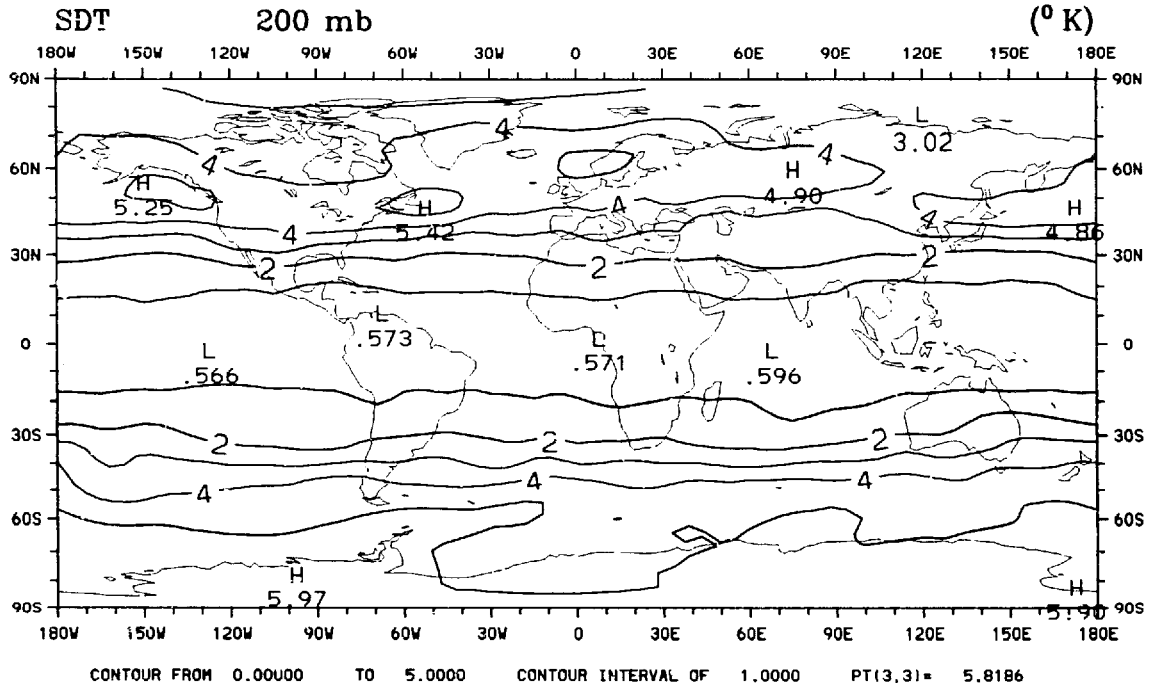
FRAME 2.23

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



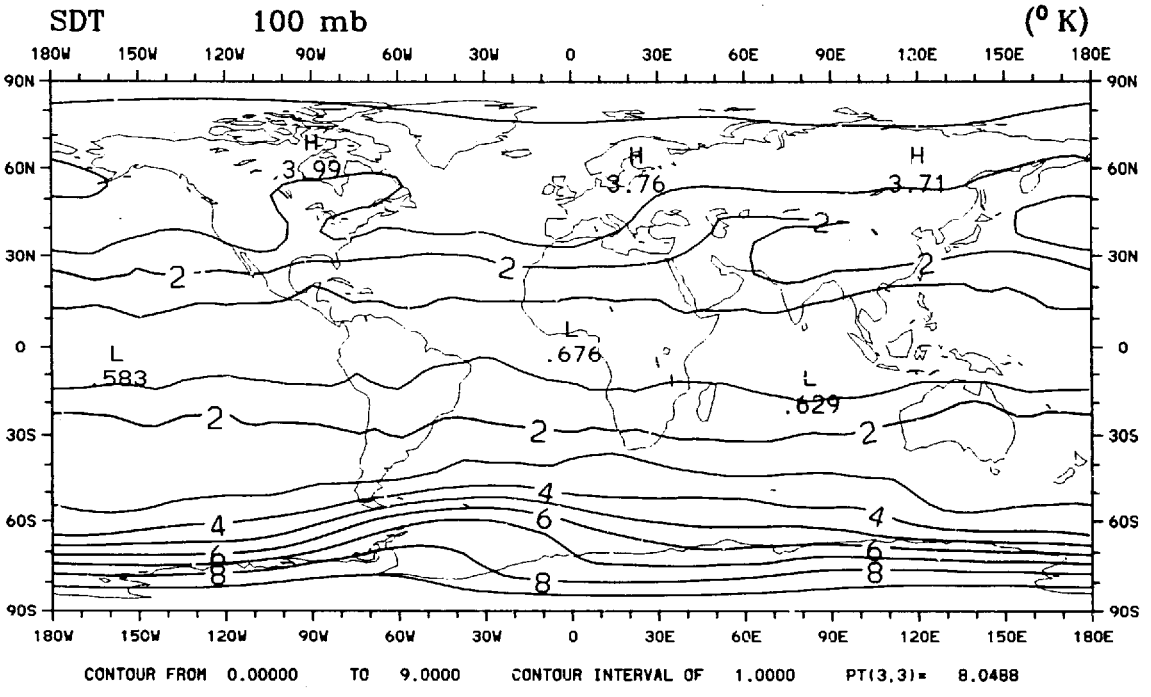

FRAME 2.24

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



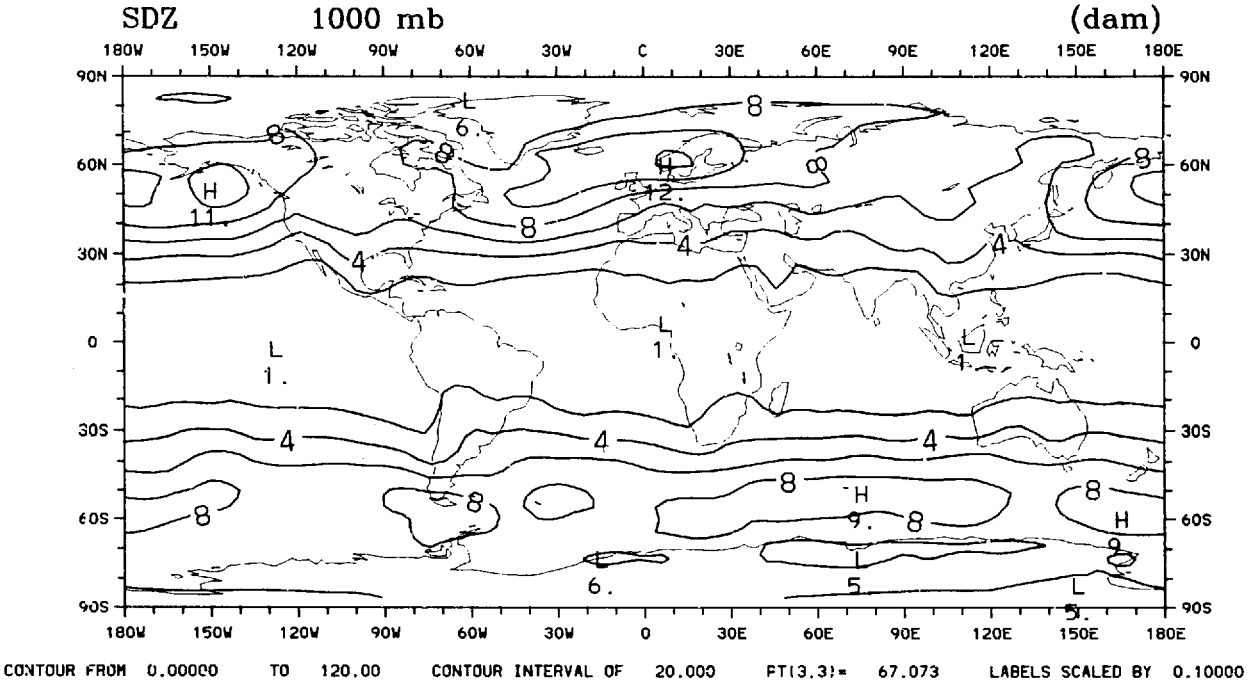

FRAME 2.25

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



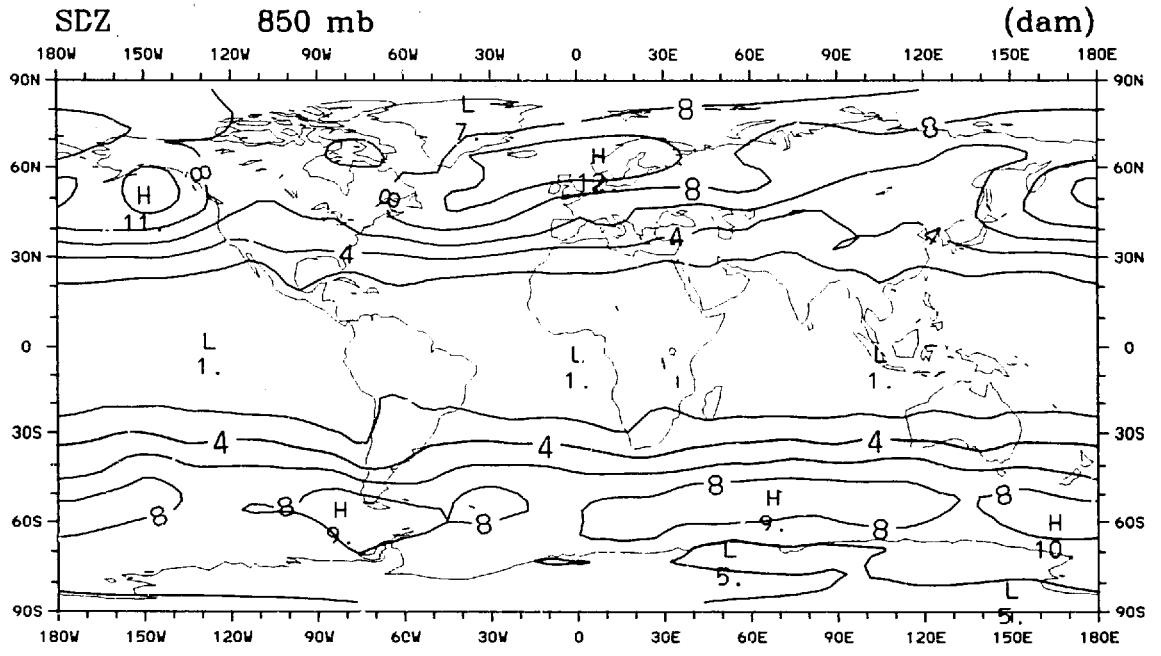

FRAME 2.26

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



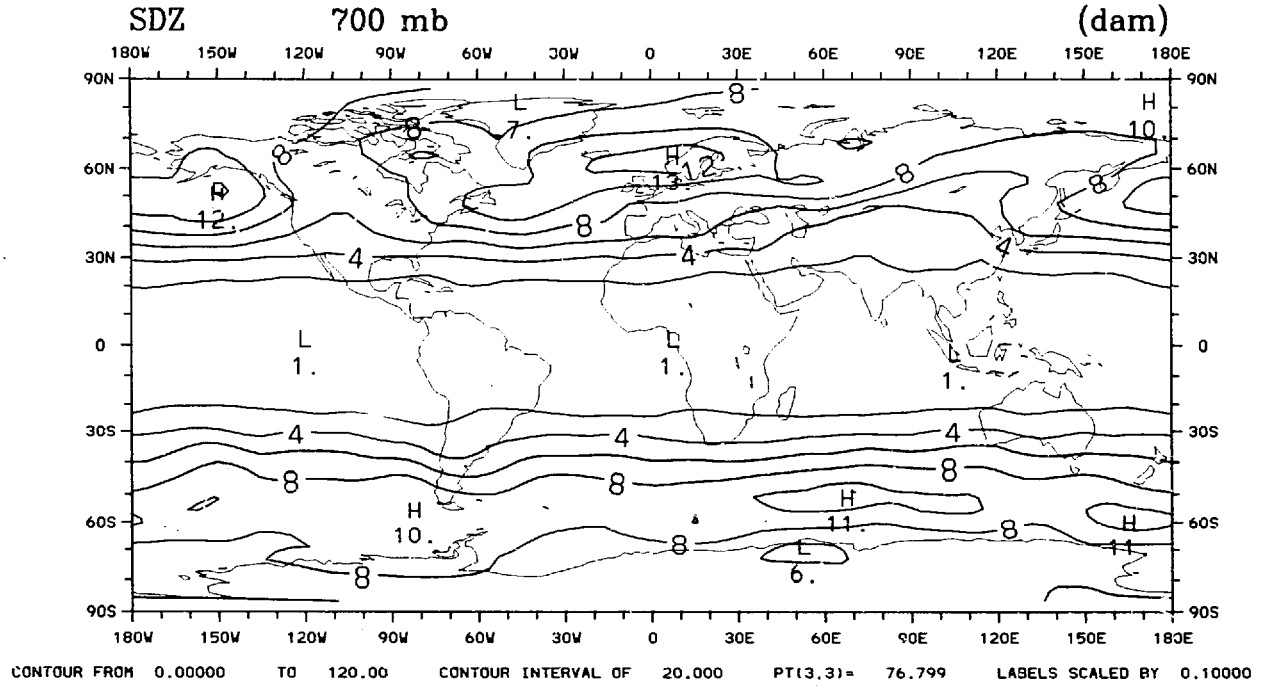

FRAME 2.27

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



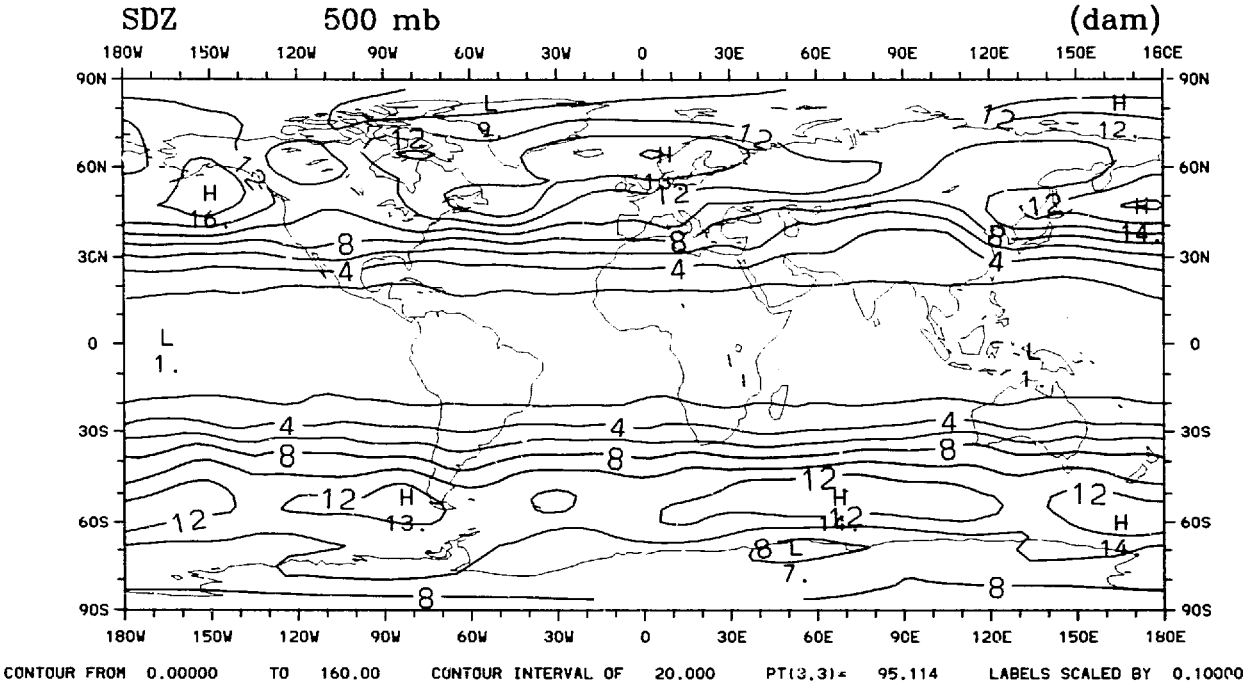

FRAME 2.28

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



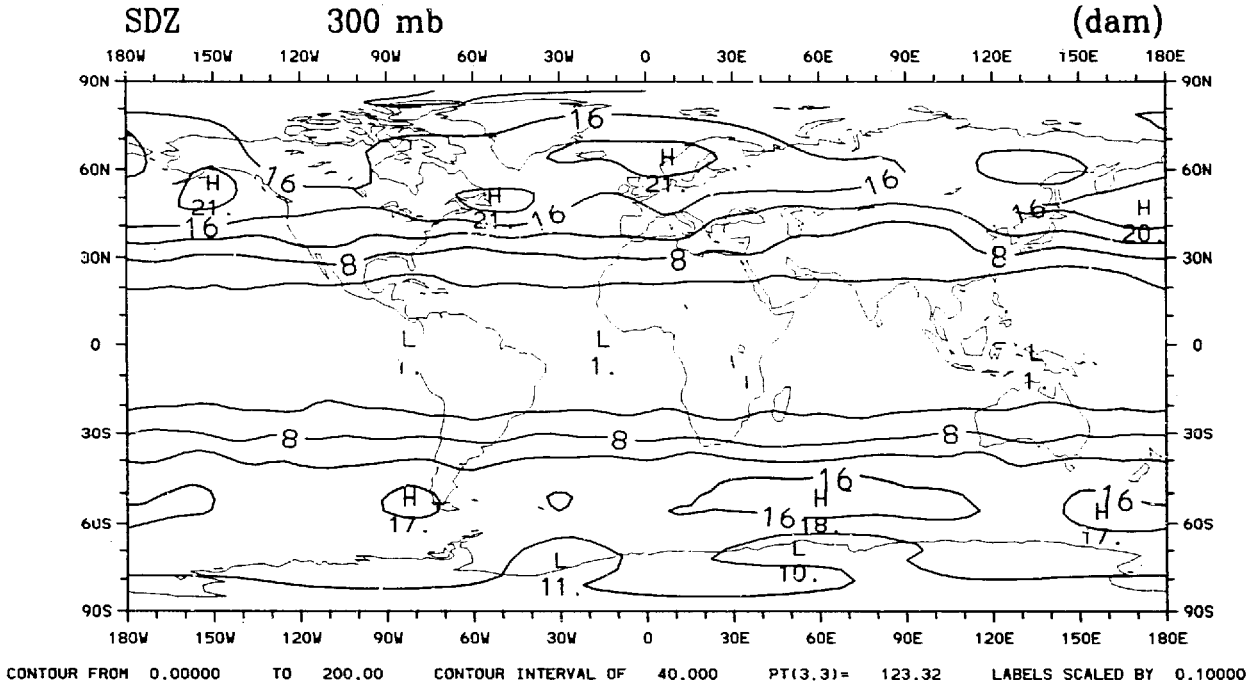

FRAME 2.29

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.30

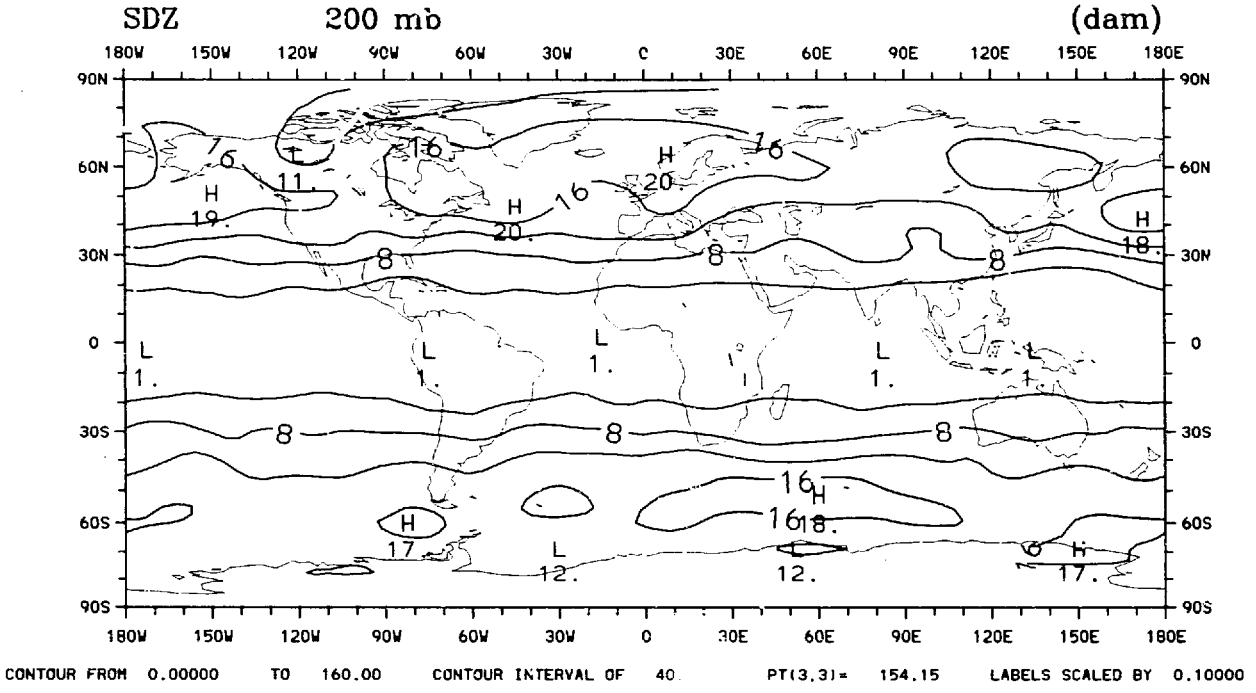
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 123.32 LABELS SCALED BY 0.10000

FRAME 2.31

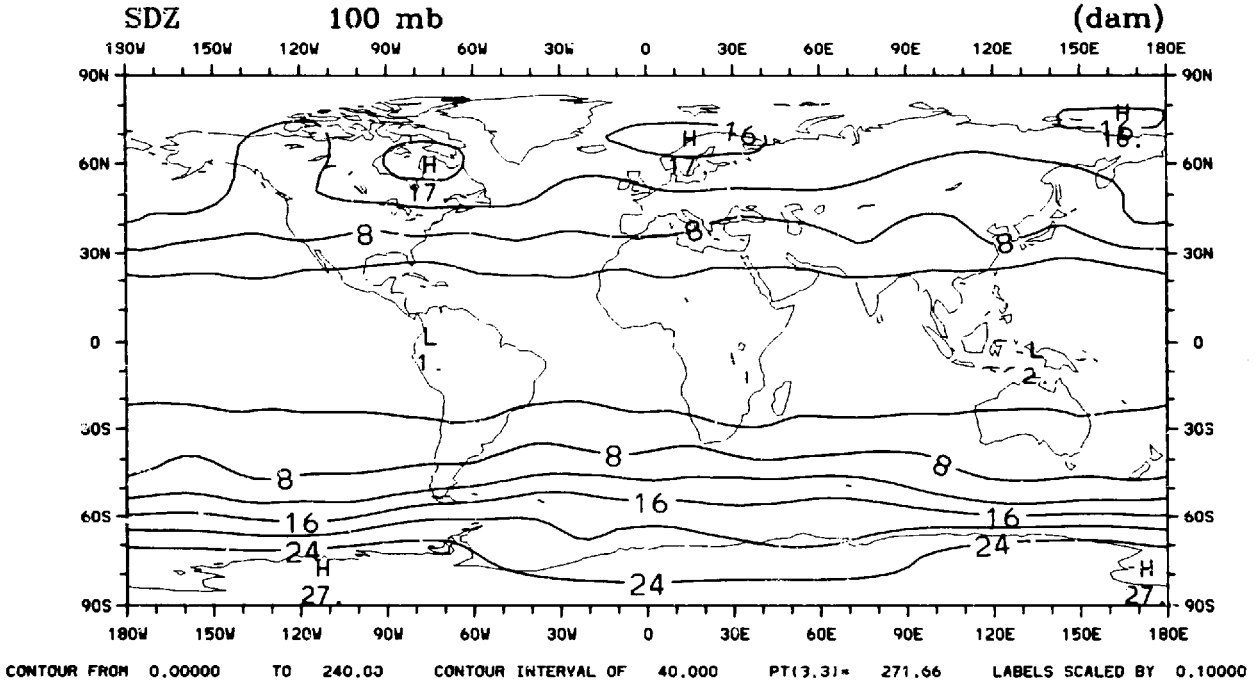
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 160.00 CONTOUR INTERVAL OF 40. PT(3,3)= 154.15 LABELS SCALED BY 0.10000

FRAME 2.32

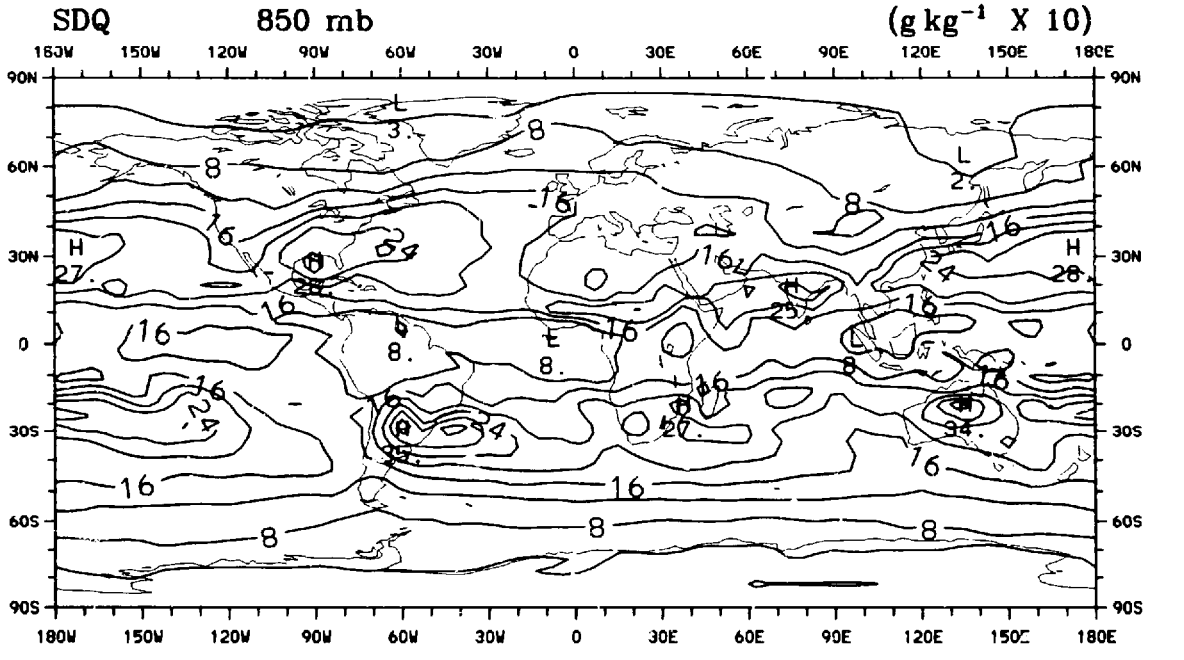
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 240.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 271.66 LABELS SCALED BY 0.10000

FRAME 2.33

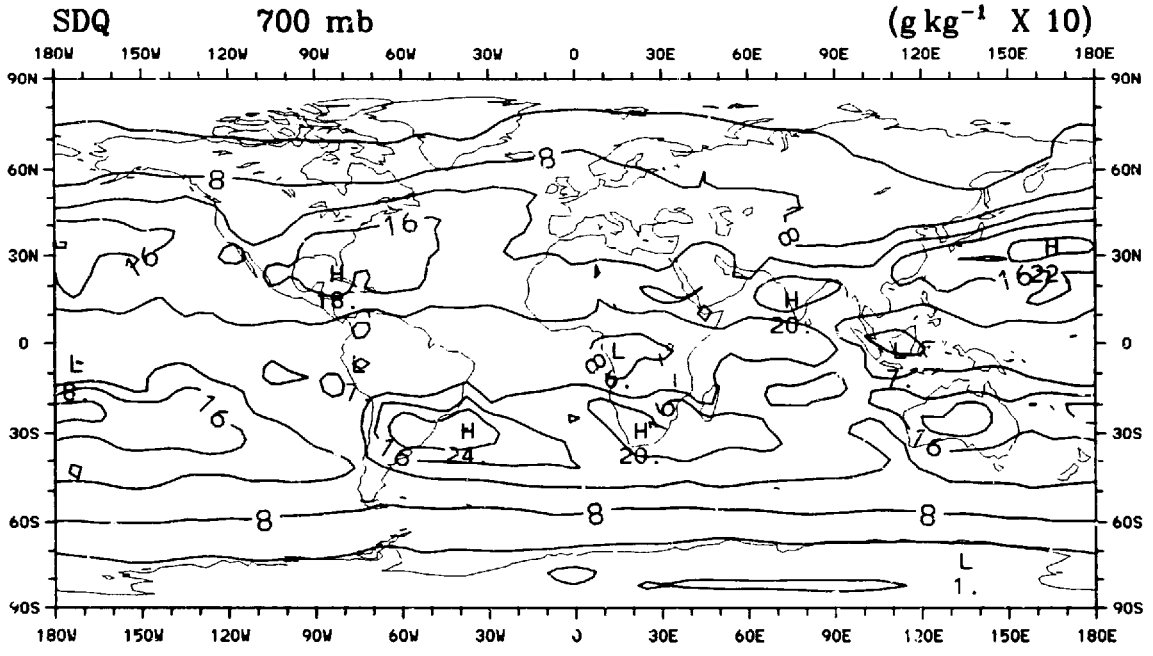
## EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.32000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.42855E-03 LABELS SCALED BY 10000.

FRAME 2.34

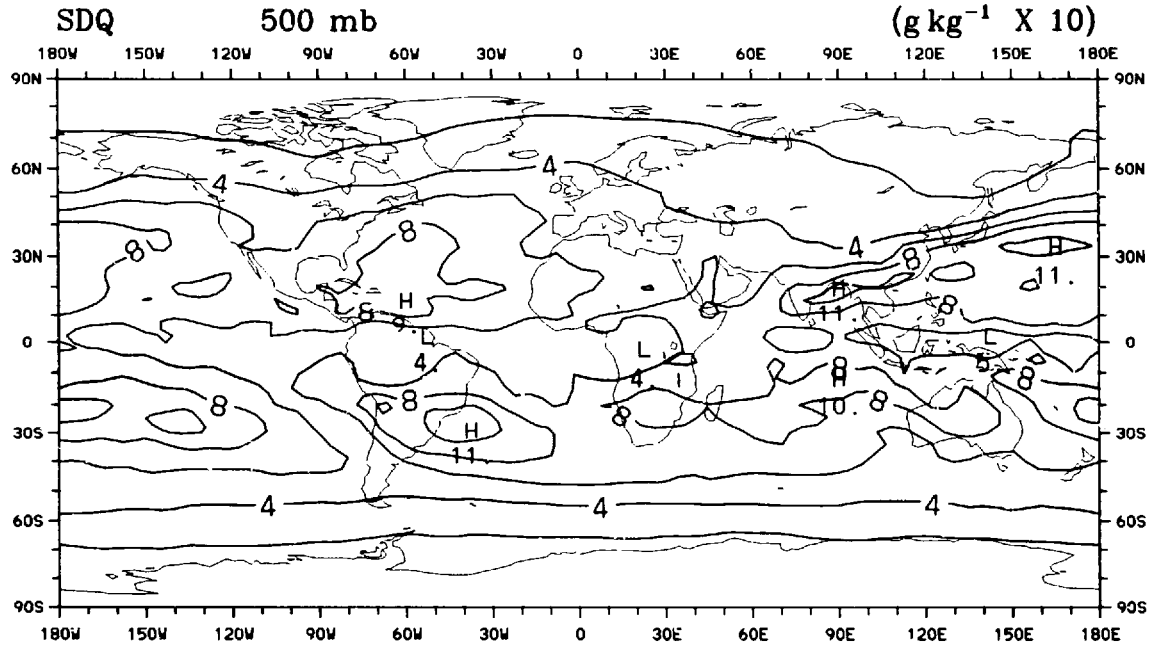
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.27883E-03 LABELS SCALED BY 10000.

FRAME 2.35

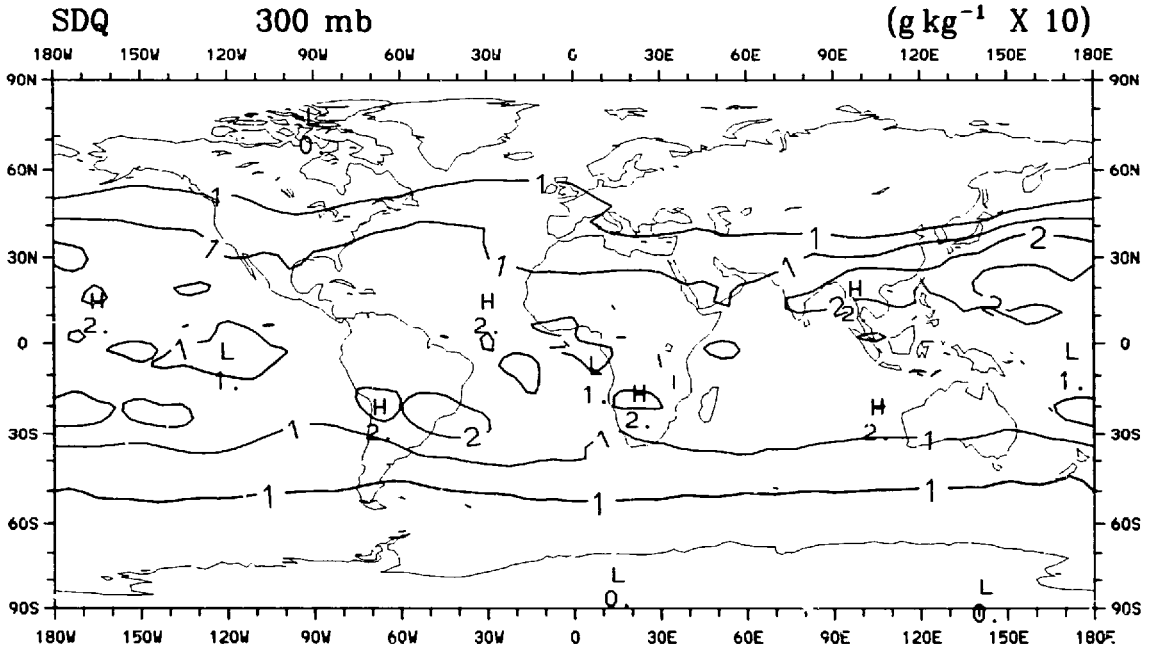
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 0.00000 TO 0.10000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.10962E-03 LABELS SCALED BY 10000.

FRAME 2.36

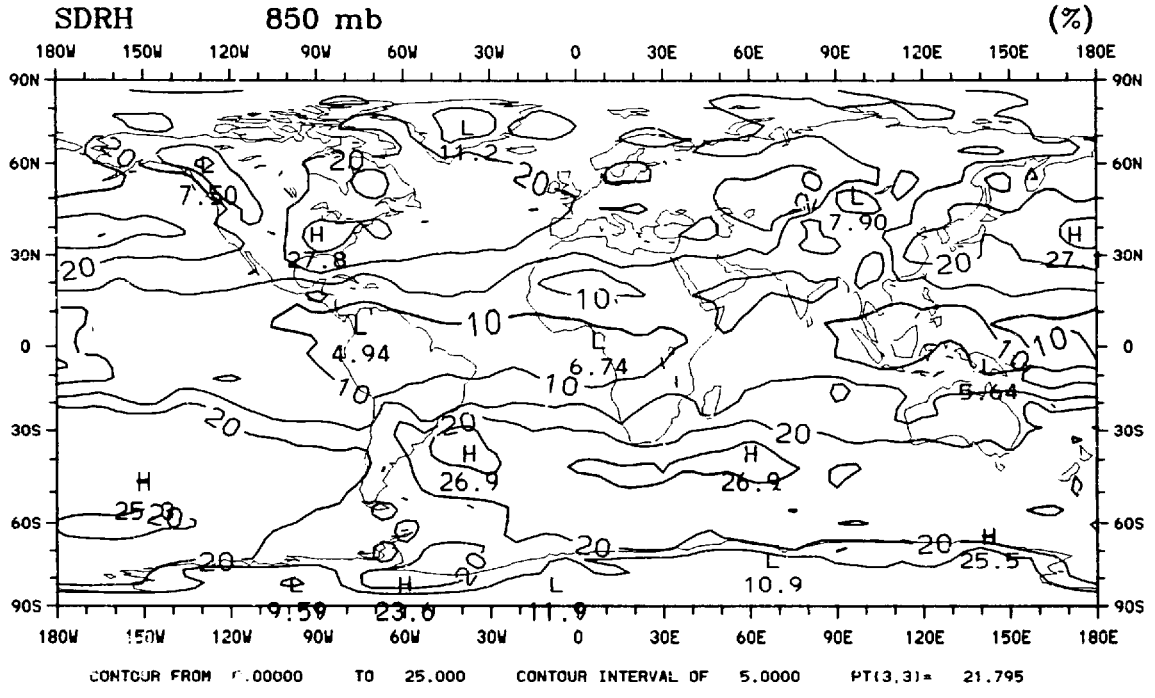
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM 0.00000 TO 0.15000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.14137E-04 LABELS SCALED BY 10000.

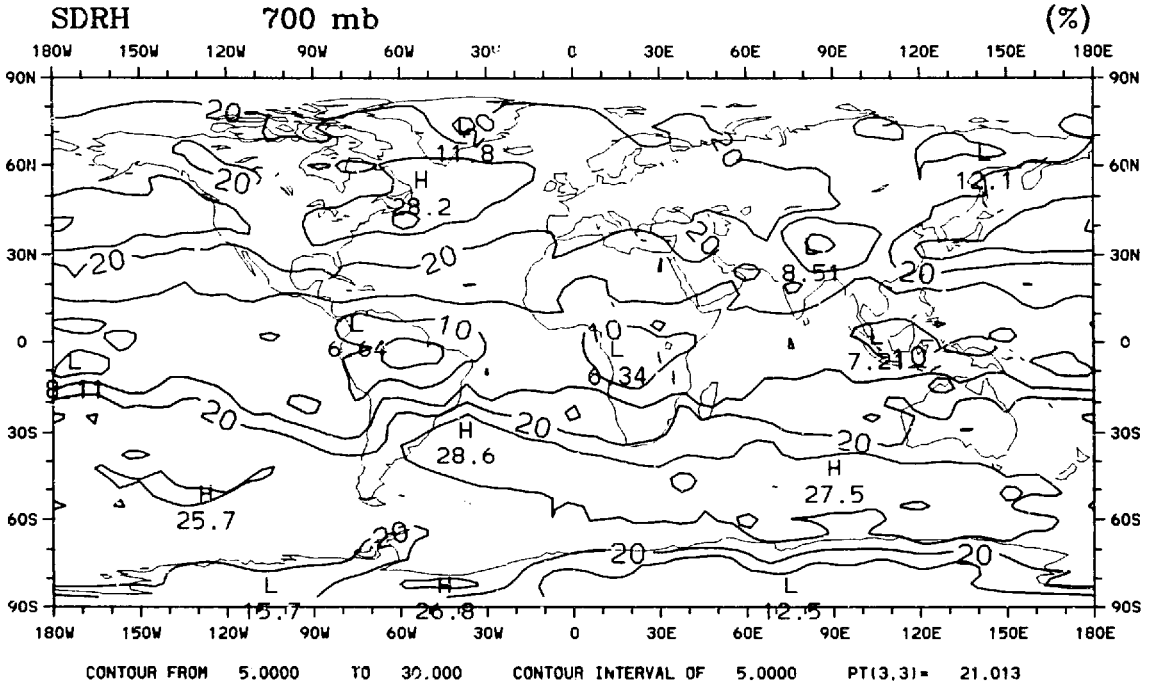
FRAME 2.37

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.38

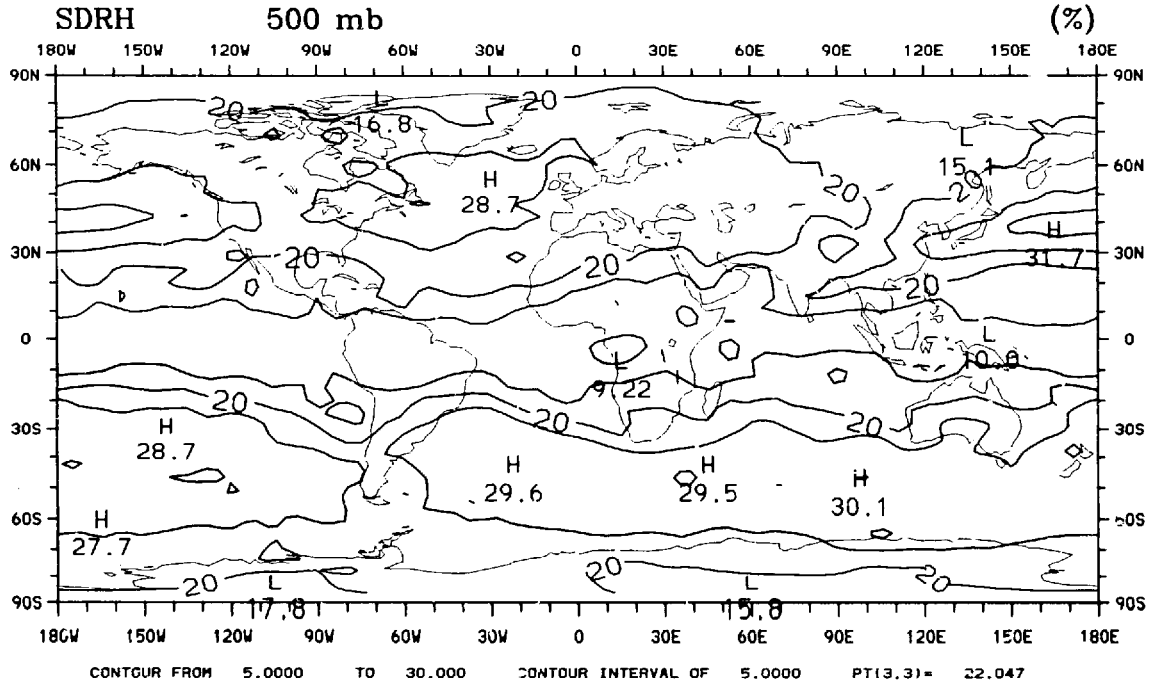
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM 5.0000 TO 30.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 21.013

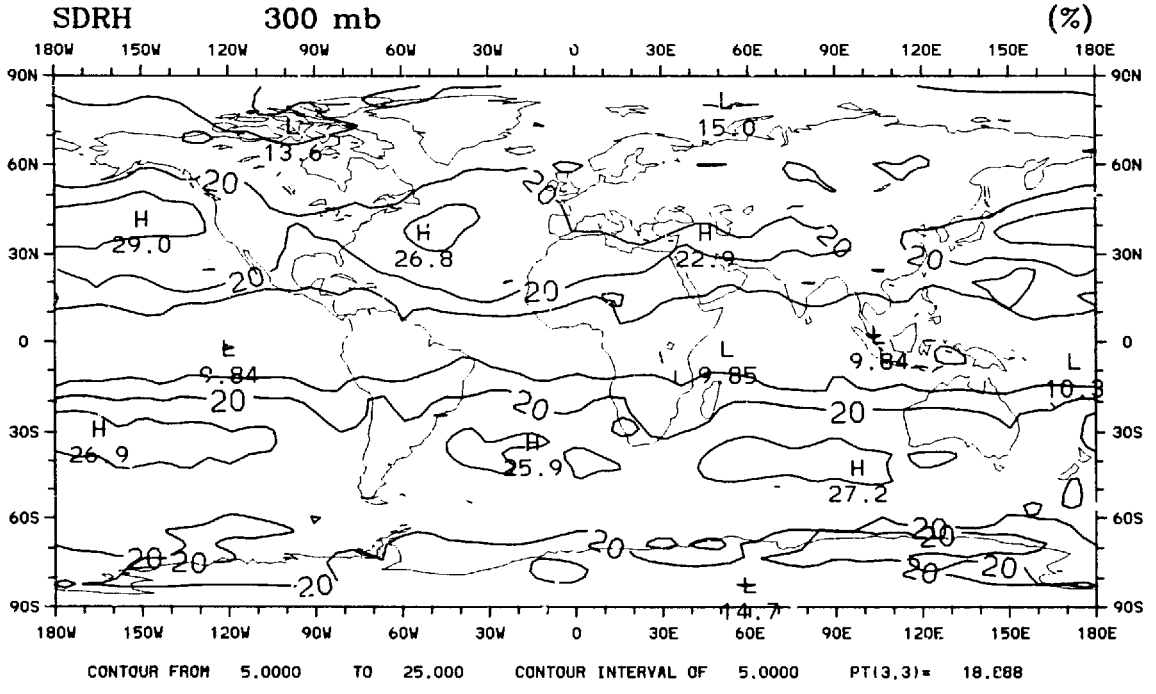
FRAME 2.39

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



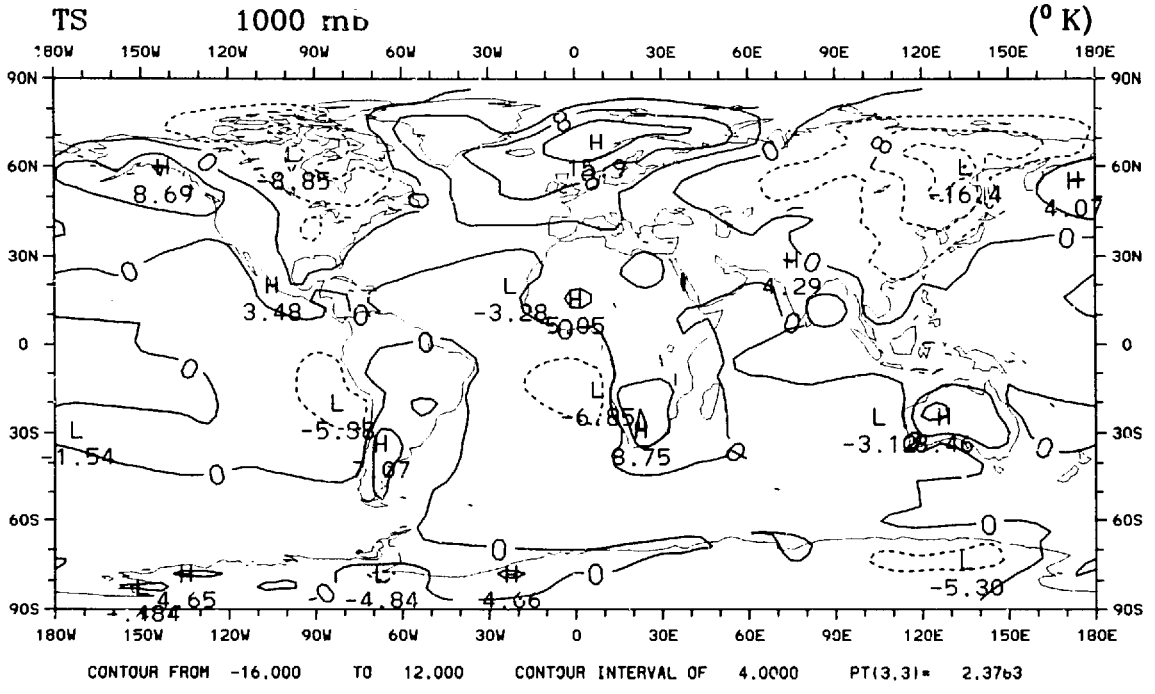

FRAME 2.40

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



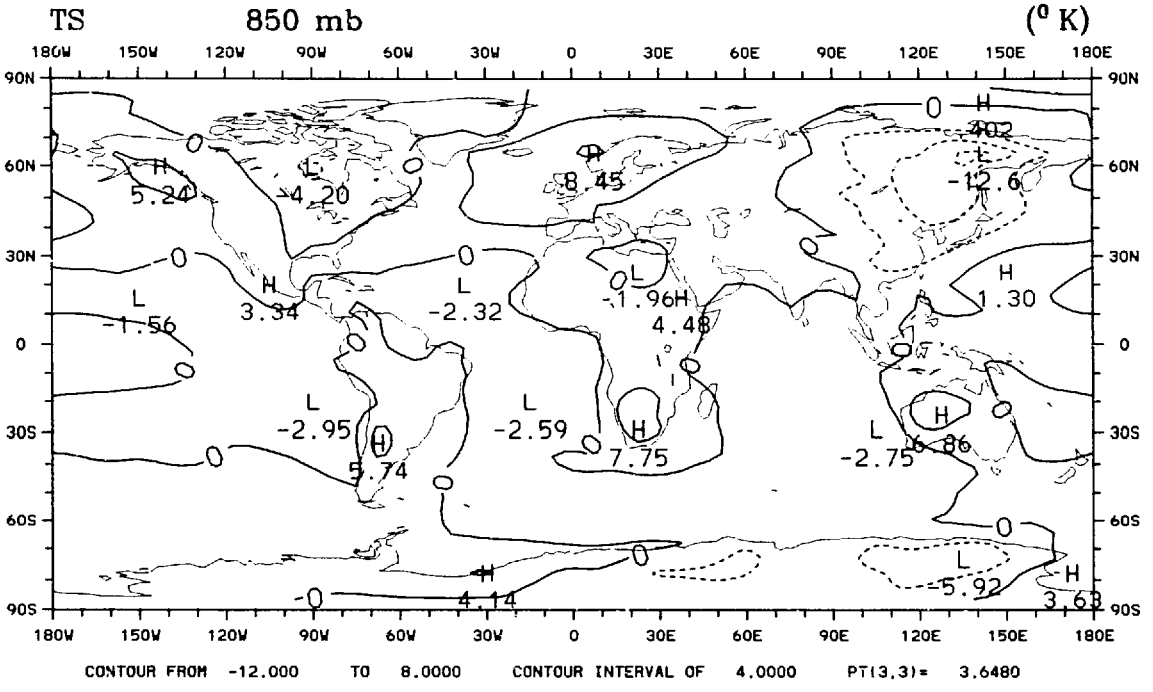

FRAME 2.41

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



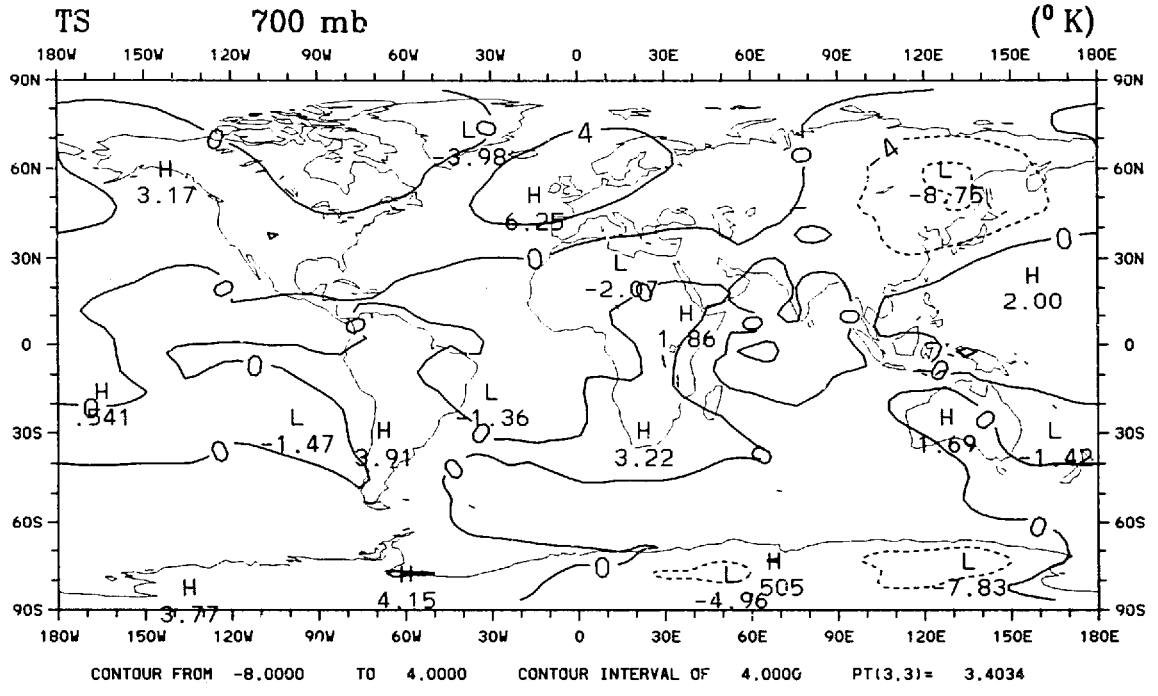

FRAME 2.42

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



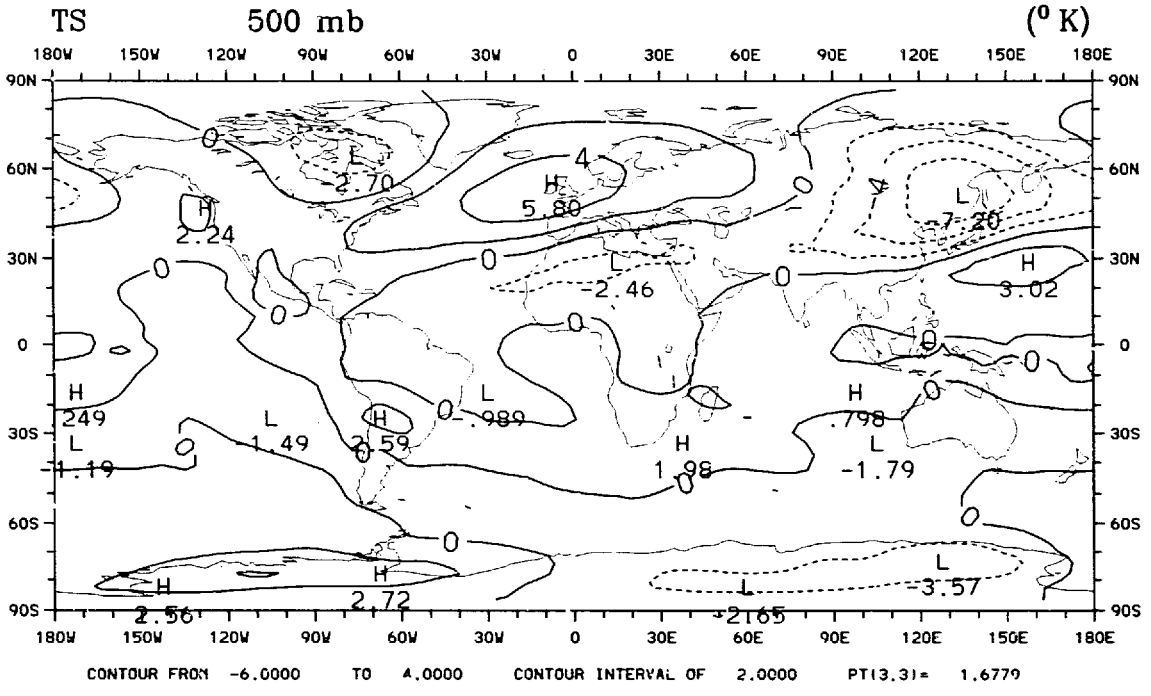

FRAME 2.43

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



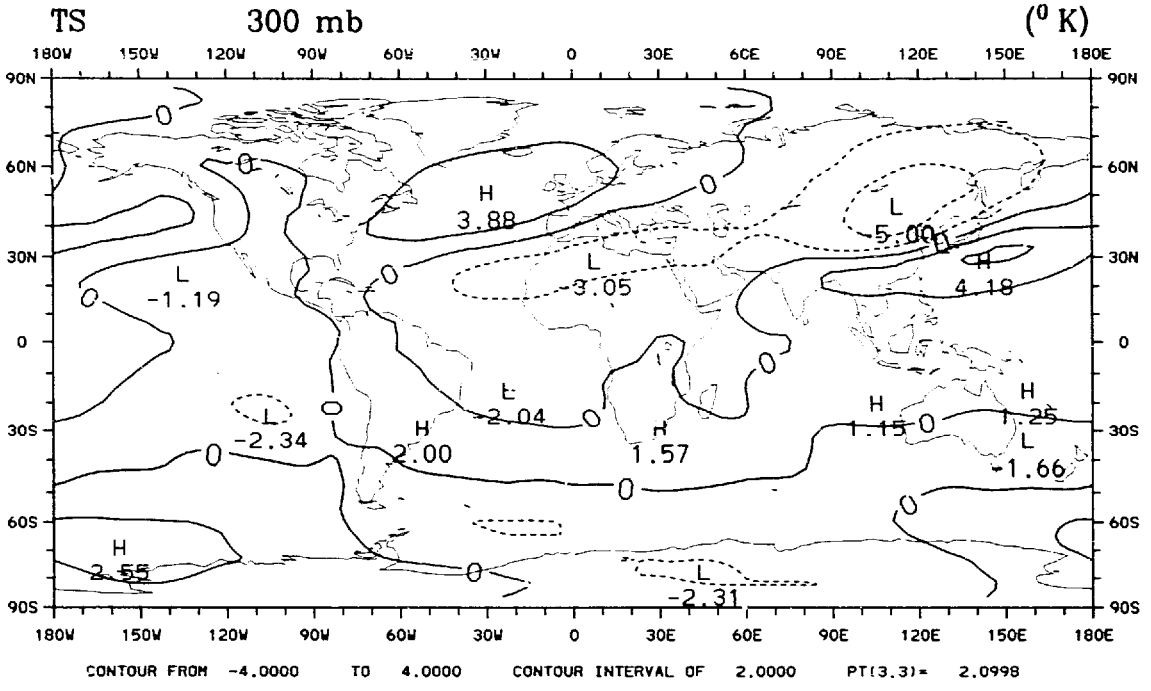

FRAME 2.44

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



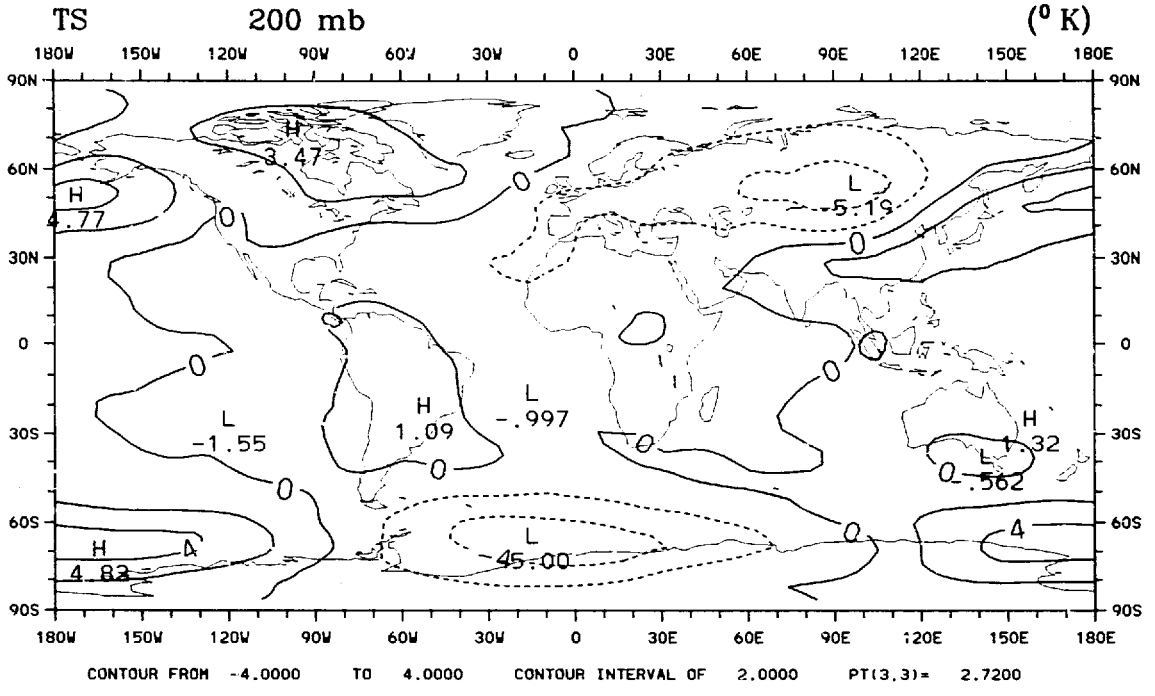

FRAME 2.45

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



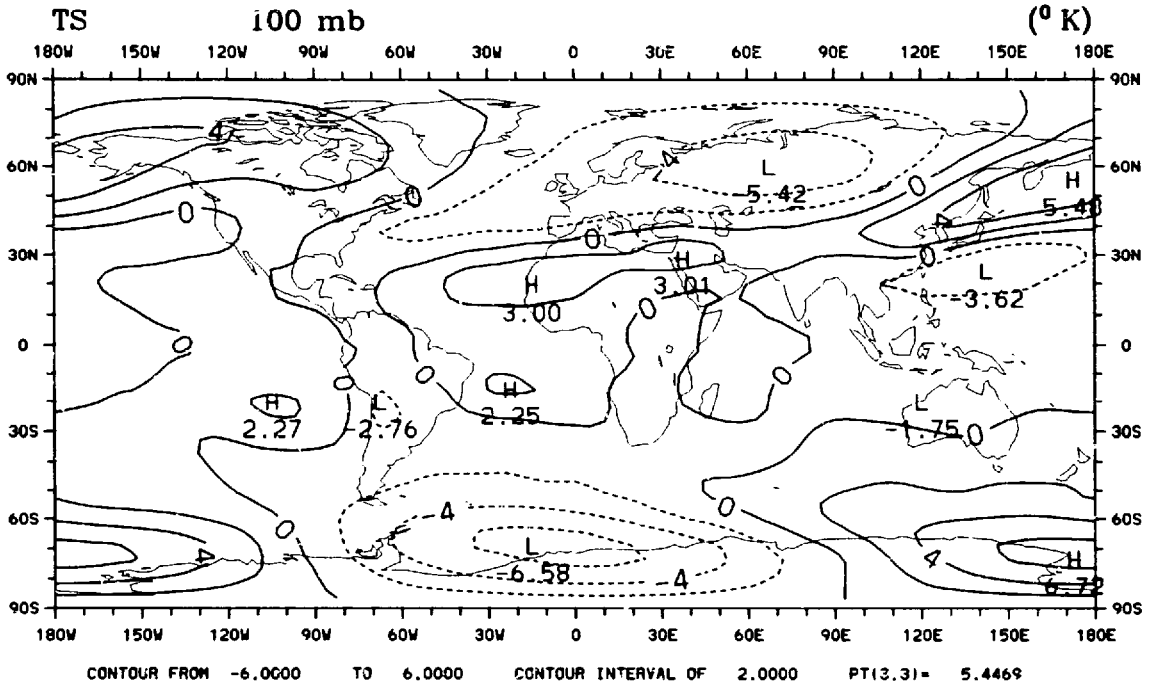

FRAME 2.46

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



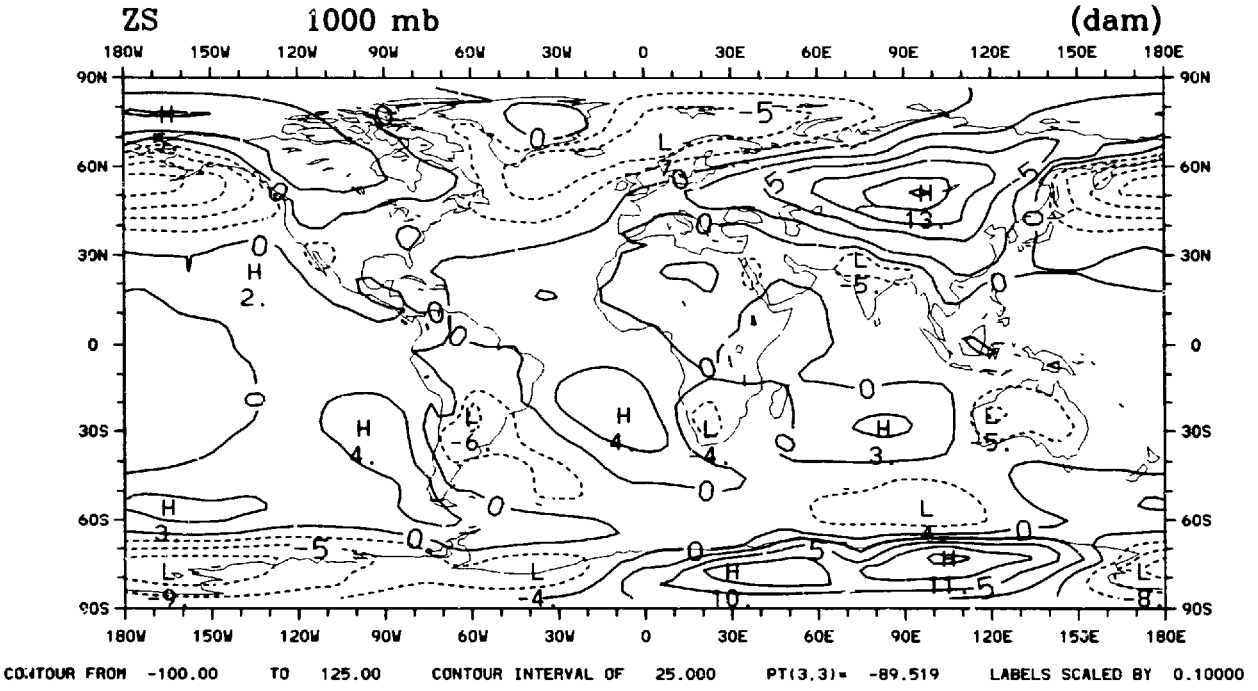

FRAME 2.47

# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



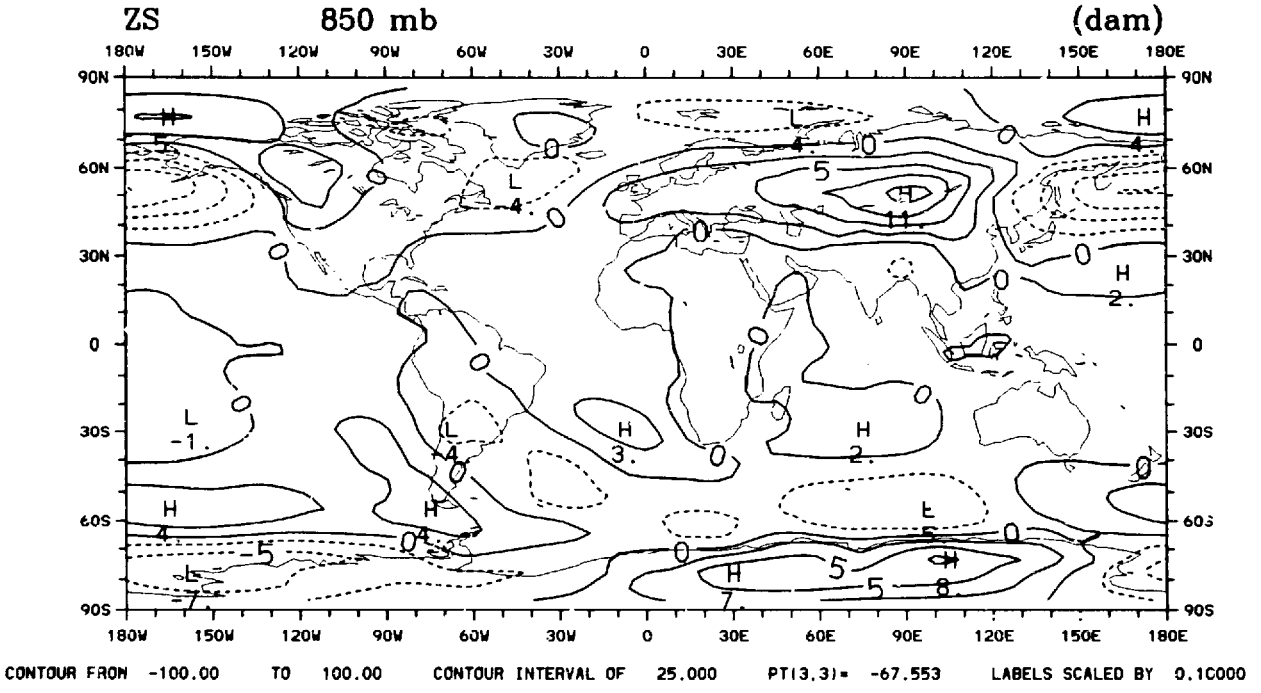

FRAME 2.48

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



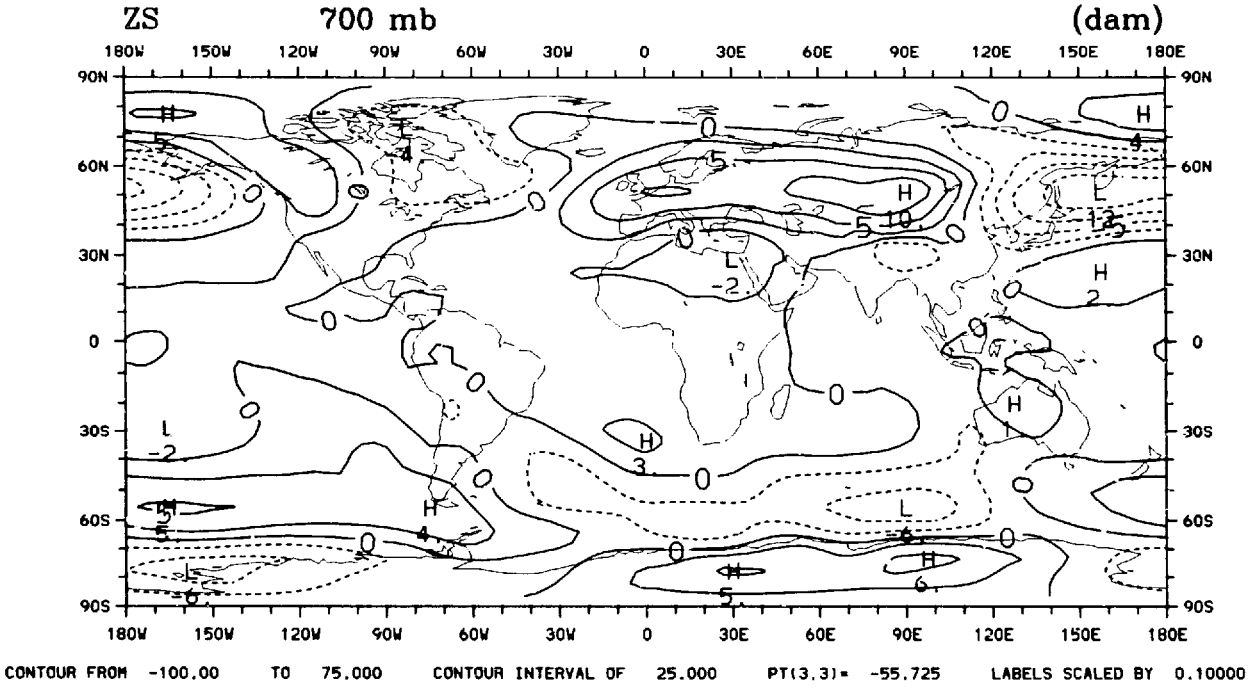

FRAME 2.49

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



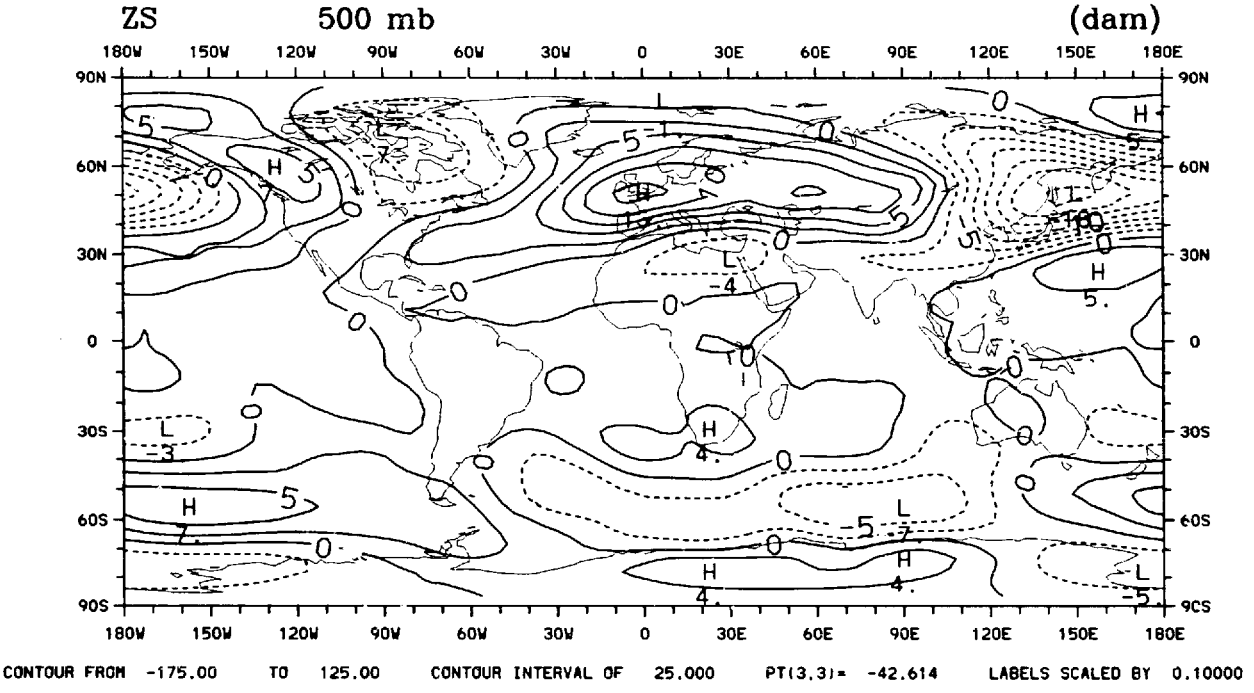

FRAME 2.50

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



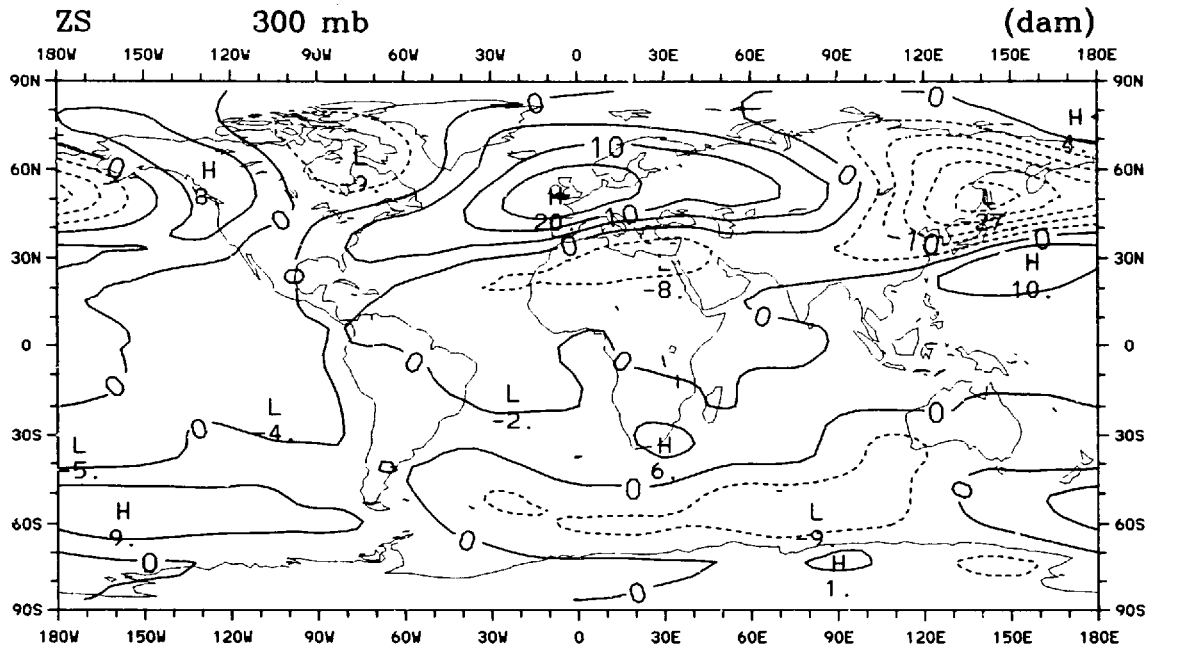

FRAME 2.51

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.52

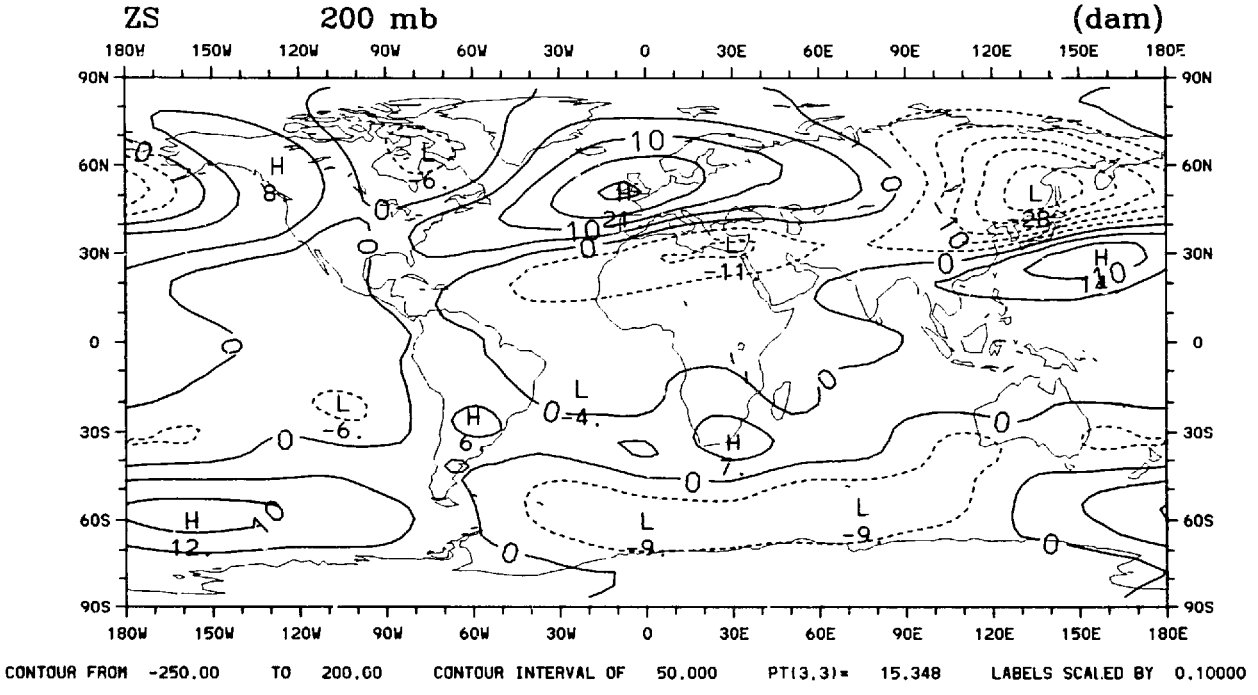
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -250.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= -11.925 LABELS SCALED BY 0.10000

FRAME 2.53

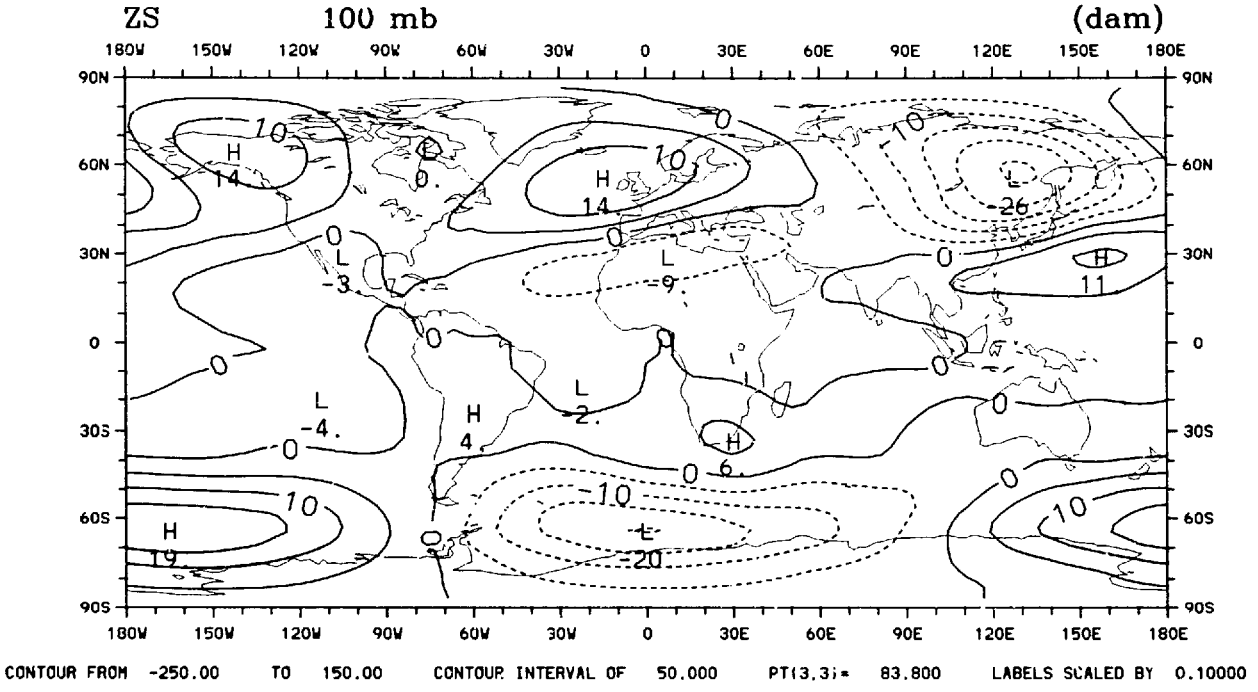
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -250.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 15.348 LABELS SCALED BY 0.10000

FRAME 2.54

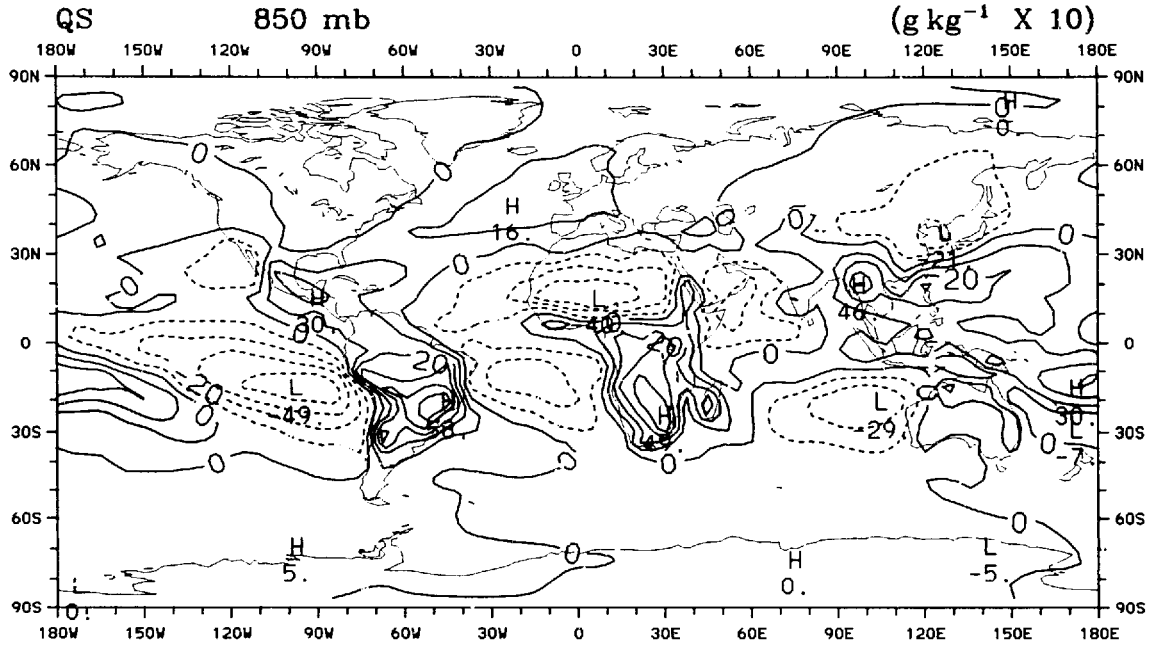
# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -250.00 TO 150.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 83.800 LABELS SCALED BY 0.10000

FRAME 2.55

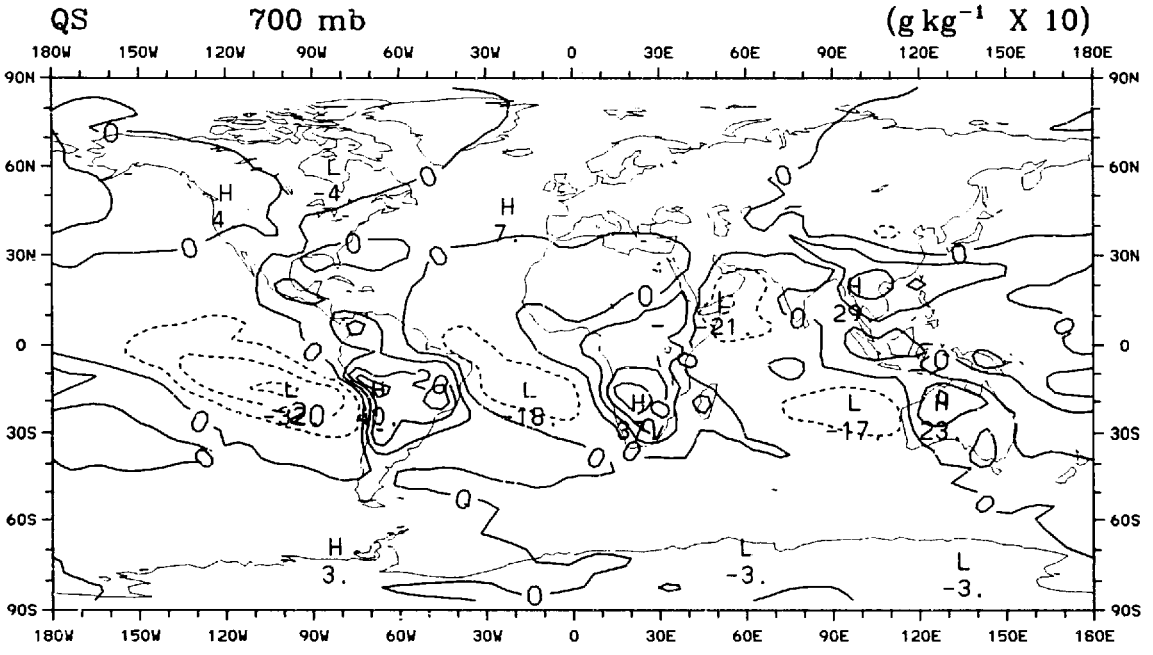
# EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




CONTOUR FROM -0.40000E-02 TO 0.50000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.11863E-03 LABELS SCALED BY 10000.

FRAME 2.56

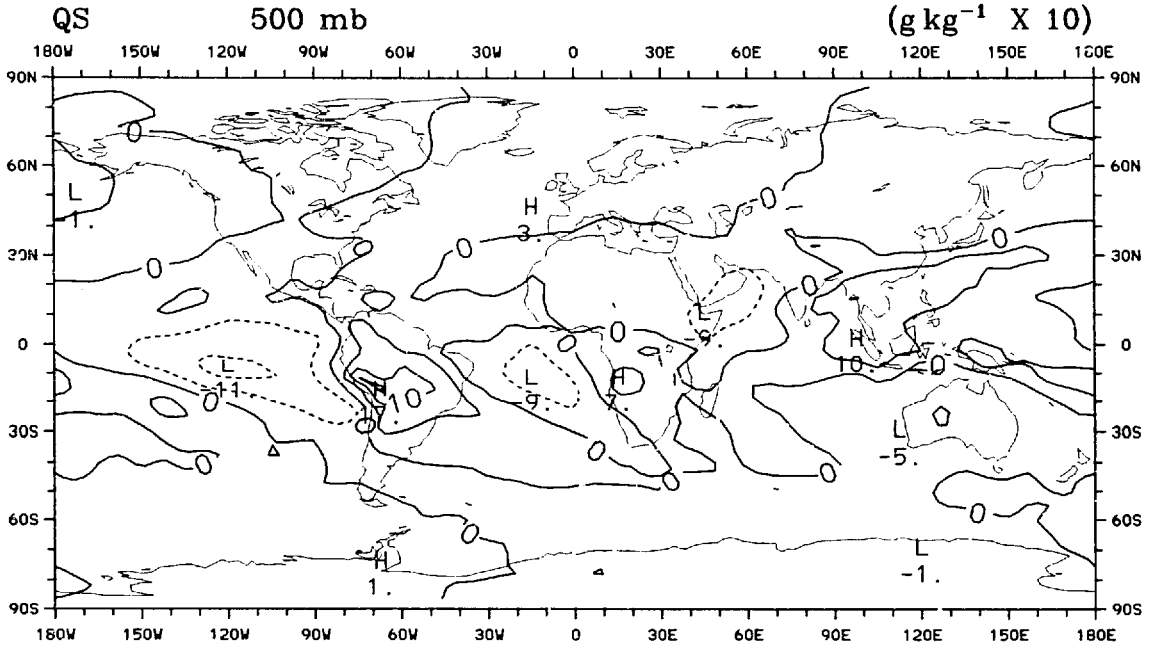
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.46490E-04 LABELS SCALED BY 10000.

FRAME 2.57

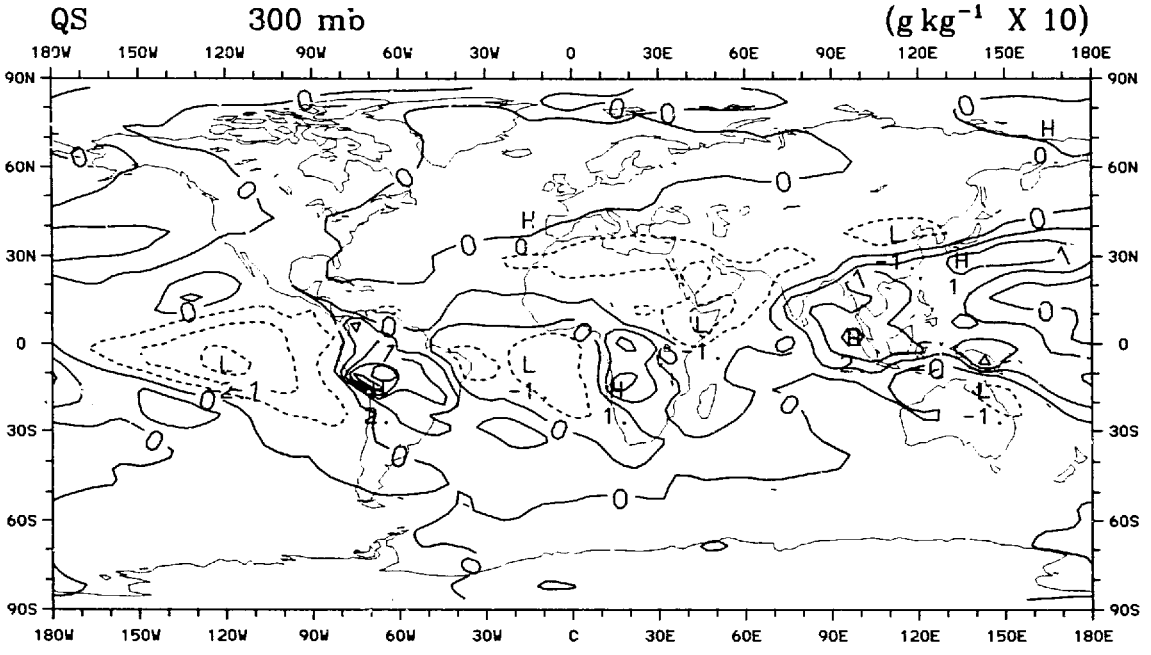
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1966)




CONTOUR FROM -0.10000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.99156E-05 LABELS SCALED BY 10000.

FRAME 2.58

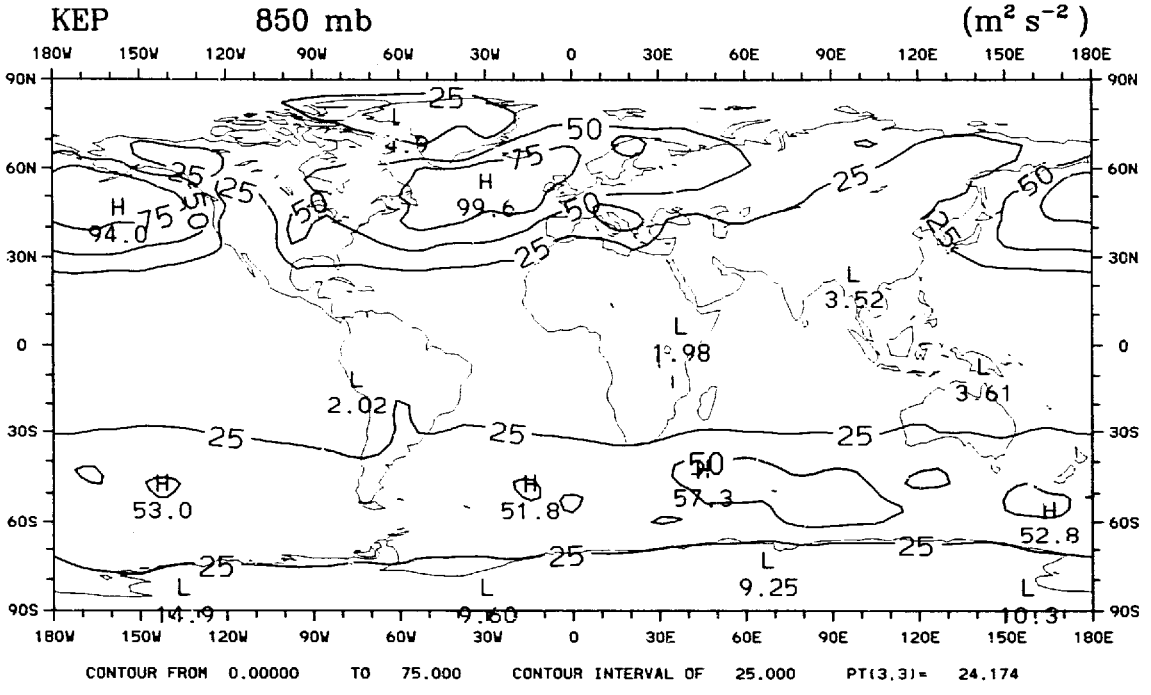
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




CONTOUR FROM -0.15000E-03 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.15345E-05 LABELS SCALED BY 10000.

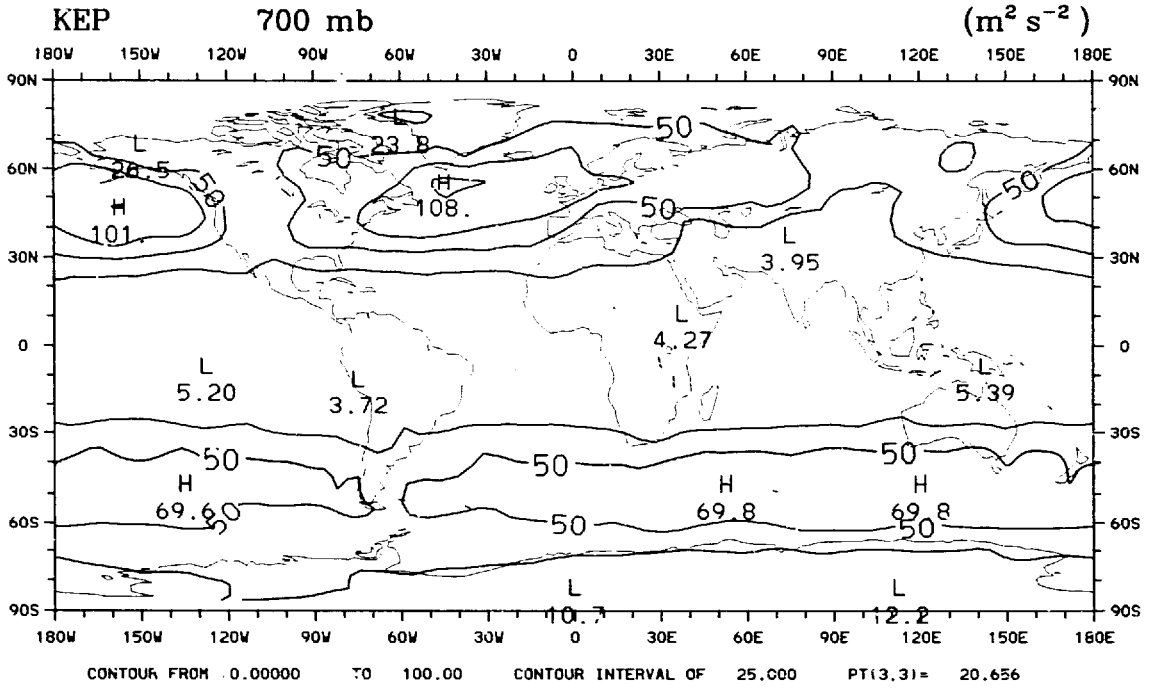
FRAME 2.59

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)



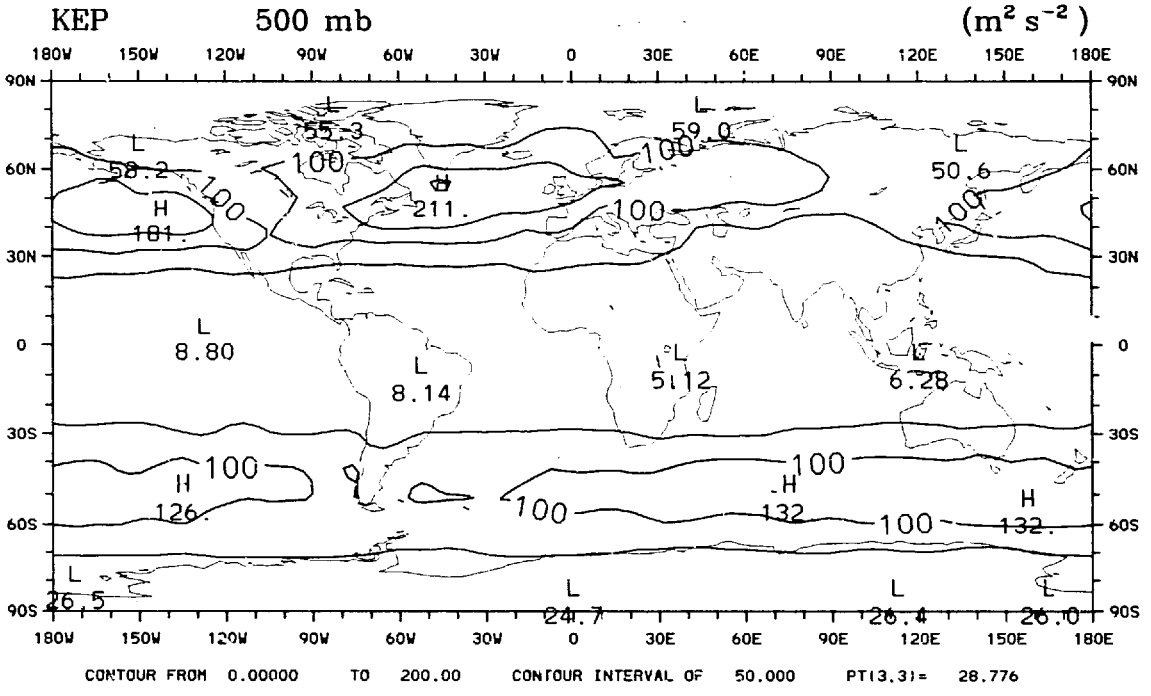

FRAME 2.60

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

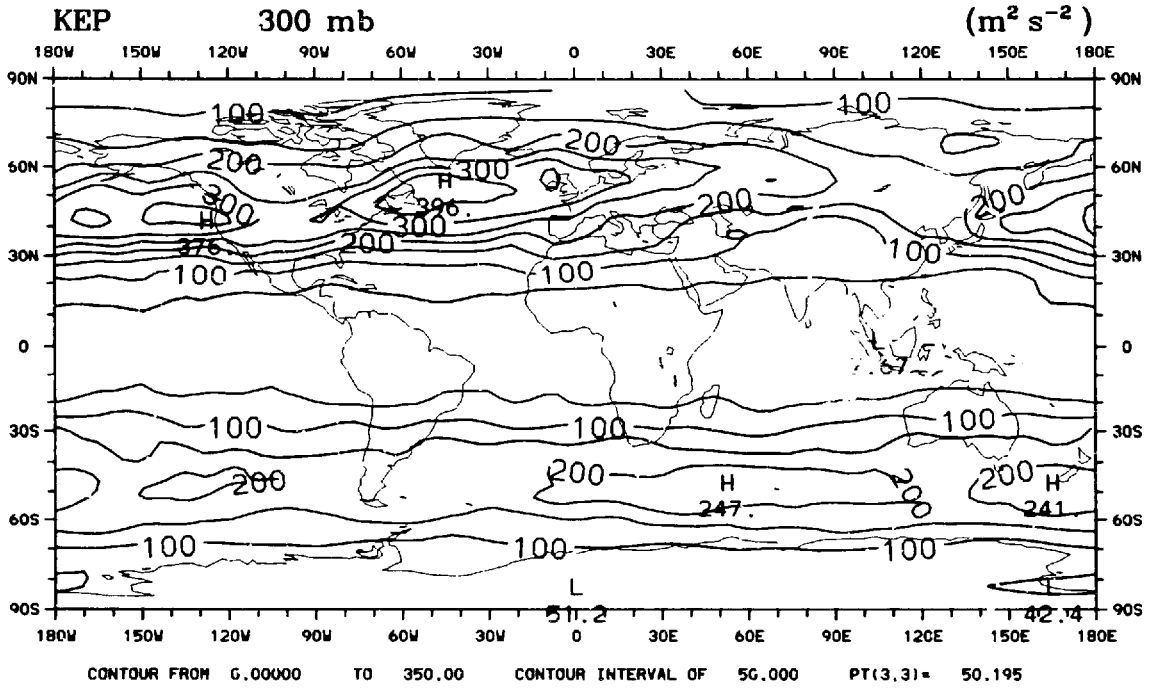



FRAME 2.61

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

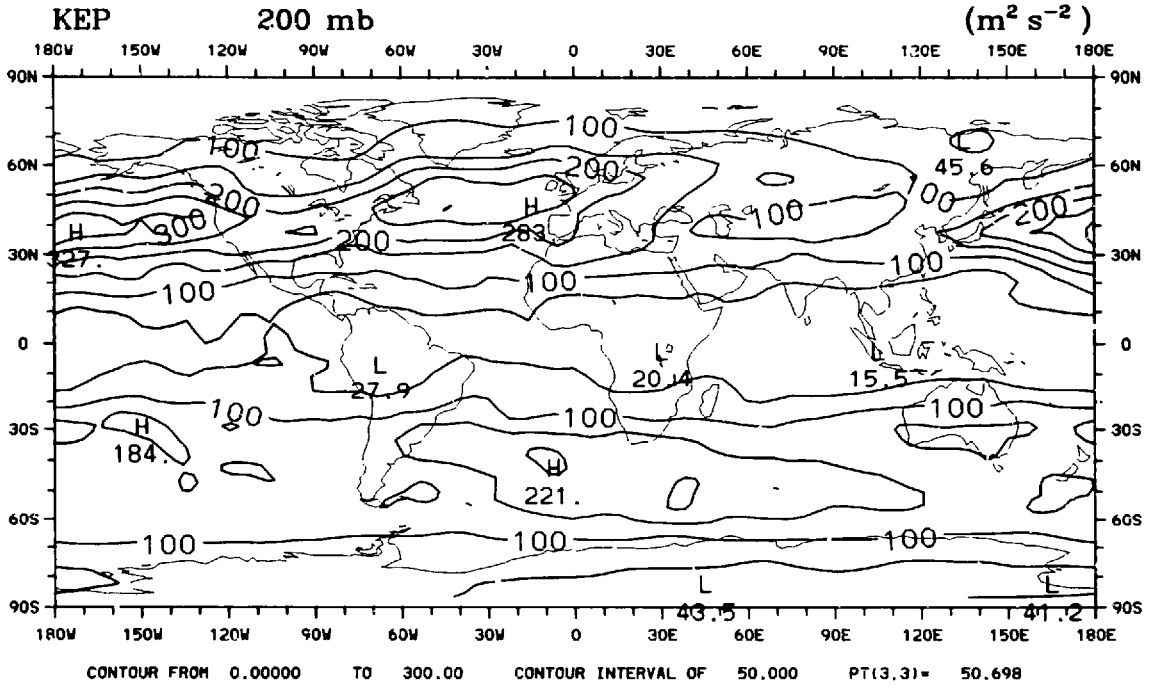



FRAME 2.62


EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)
KEP
300 mb
(m² s⁻²)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
100
200
300
H
396.
376
247.
241
L
51.2
42.4
CONTOUR FROM 0.00000 TO 350.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 50.195

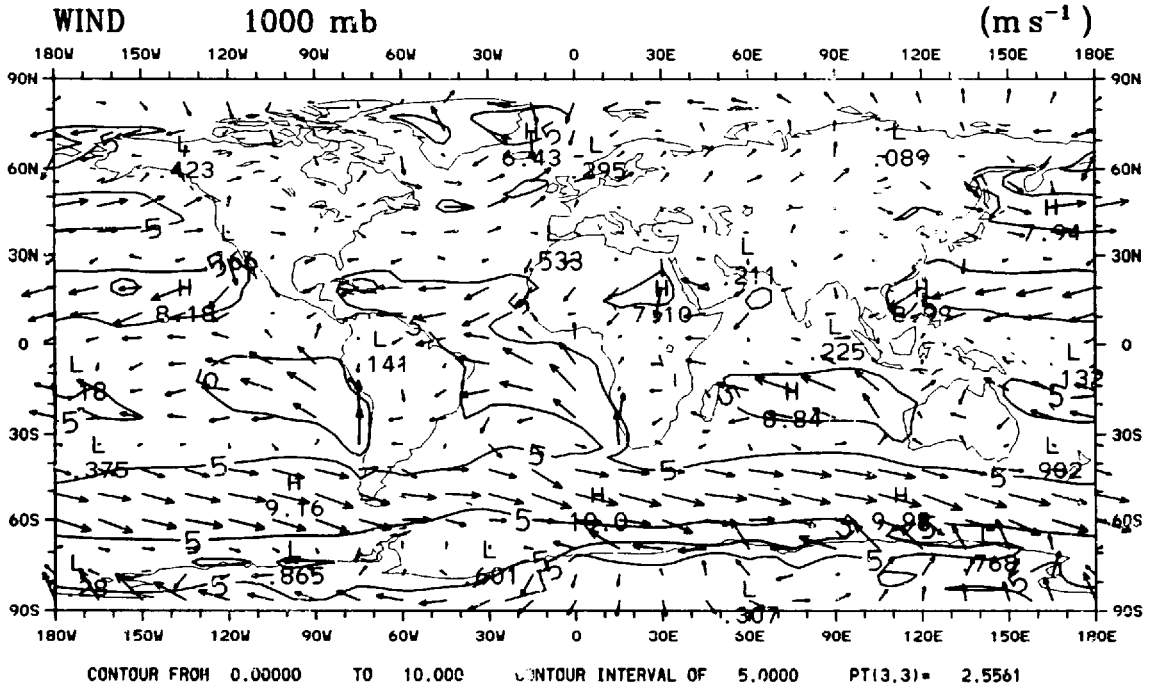
FRAME 2.63

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




FRAME 2.64

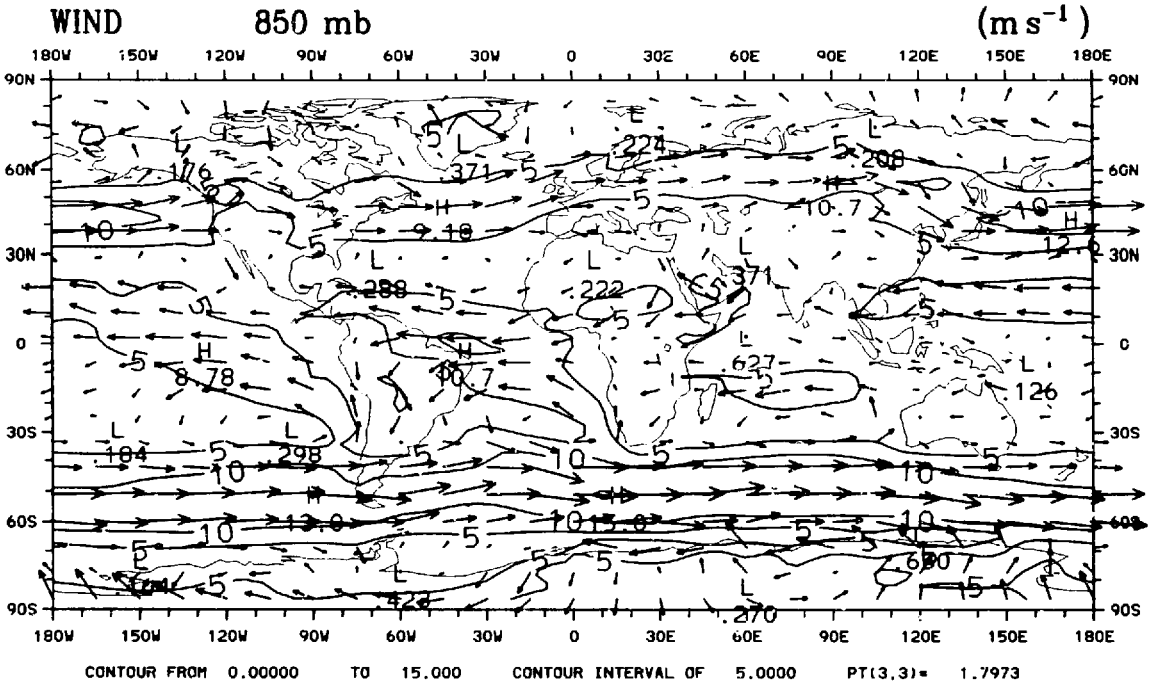
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1988)




FRAME 2.65

0.100E+02 →
SCALING VECTOR

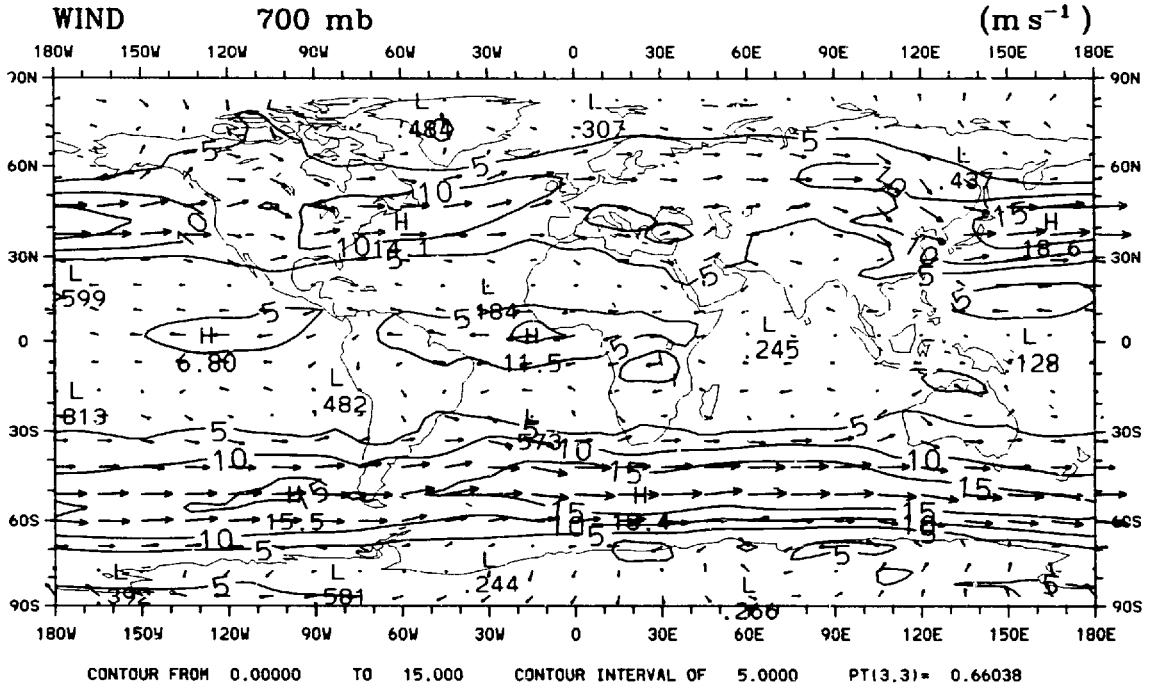
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.66

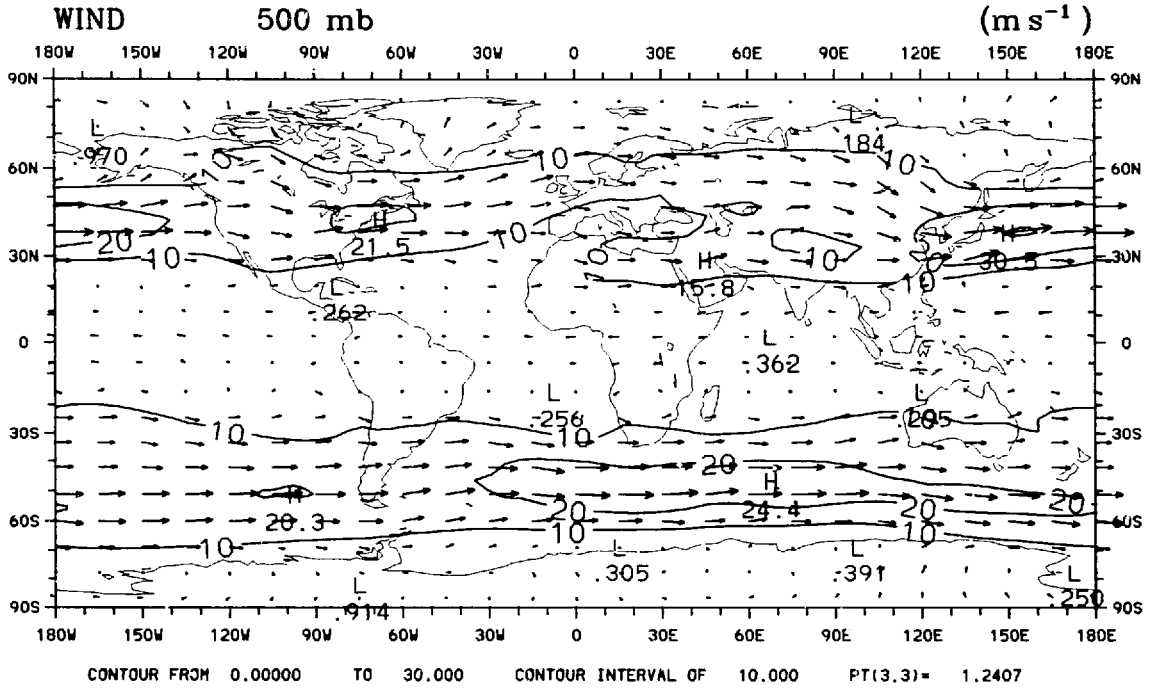
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.67

0.200E+02 →
SCALING VECTOR

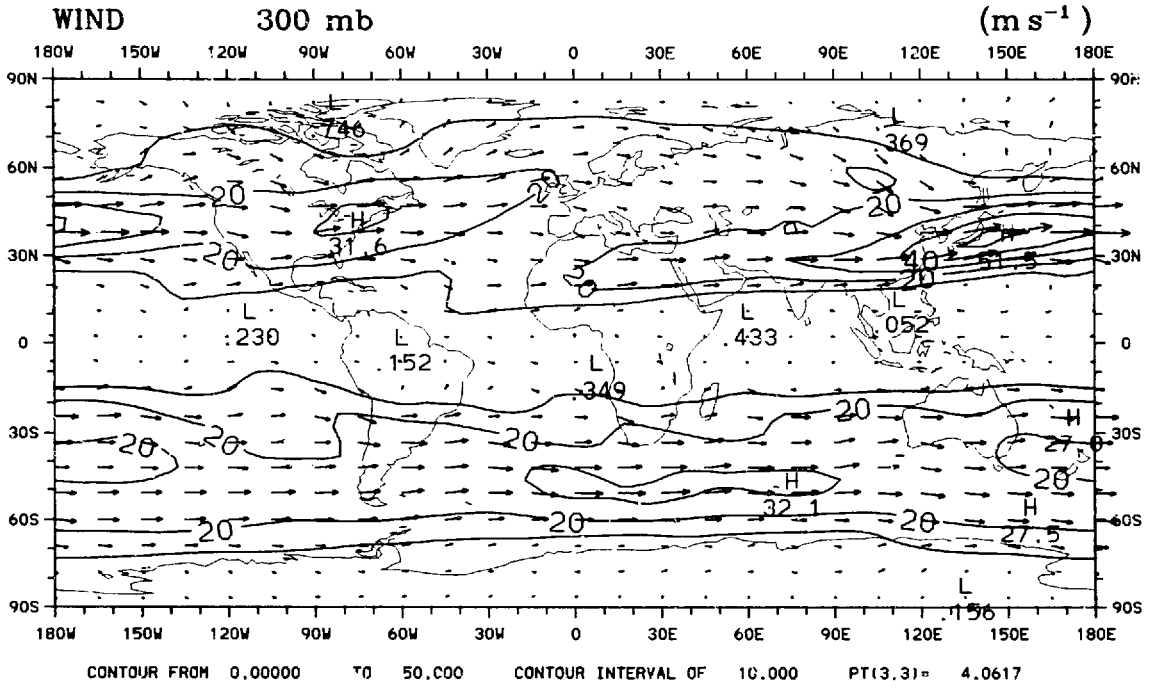
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.300E+02 ⟶
SCALING VECTOR

FRAME 2.68

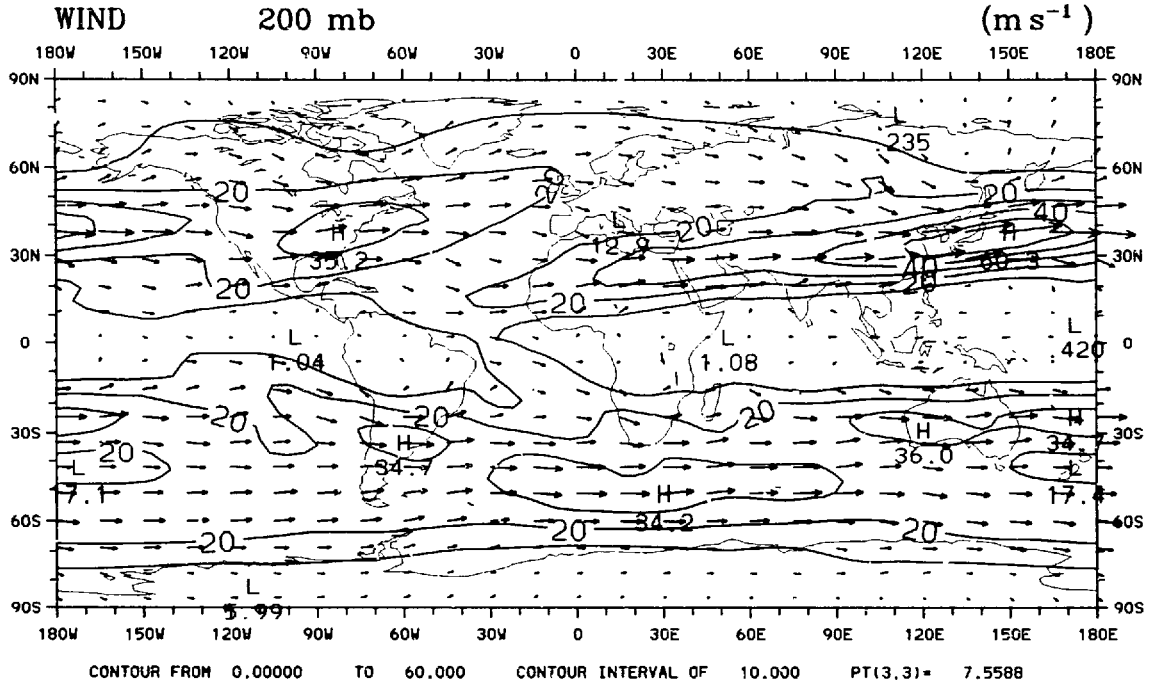
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

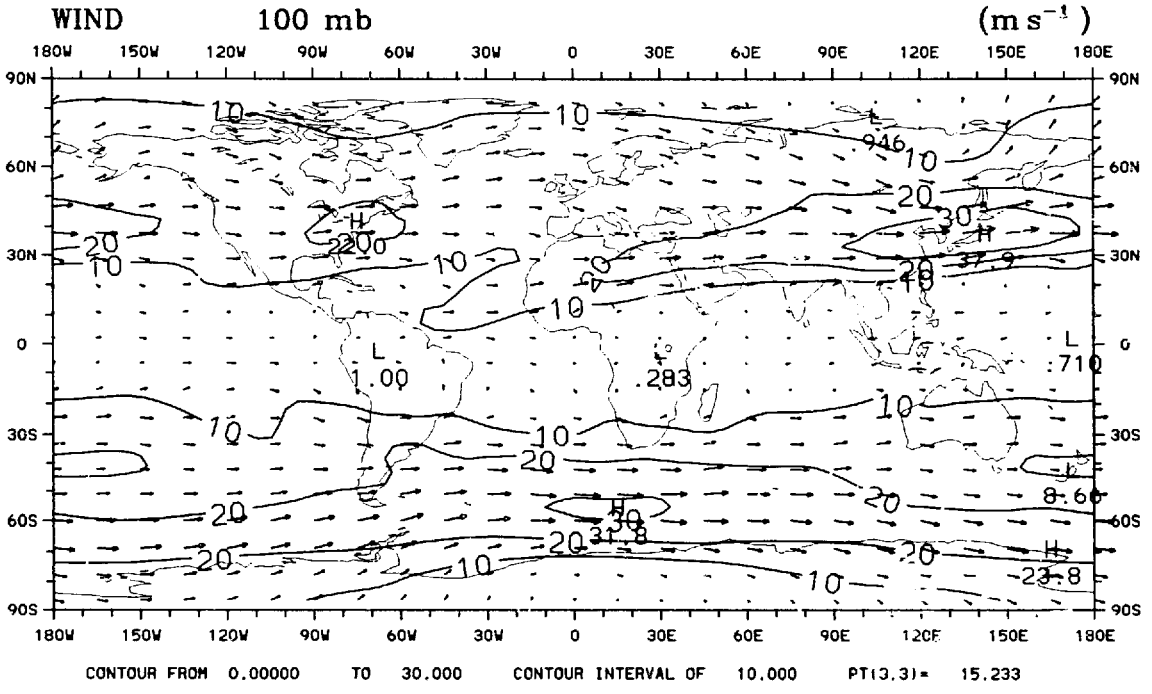
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.70

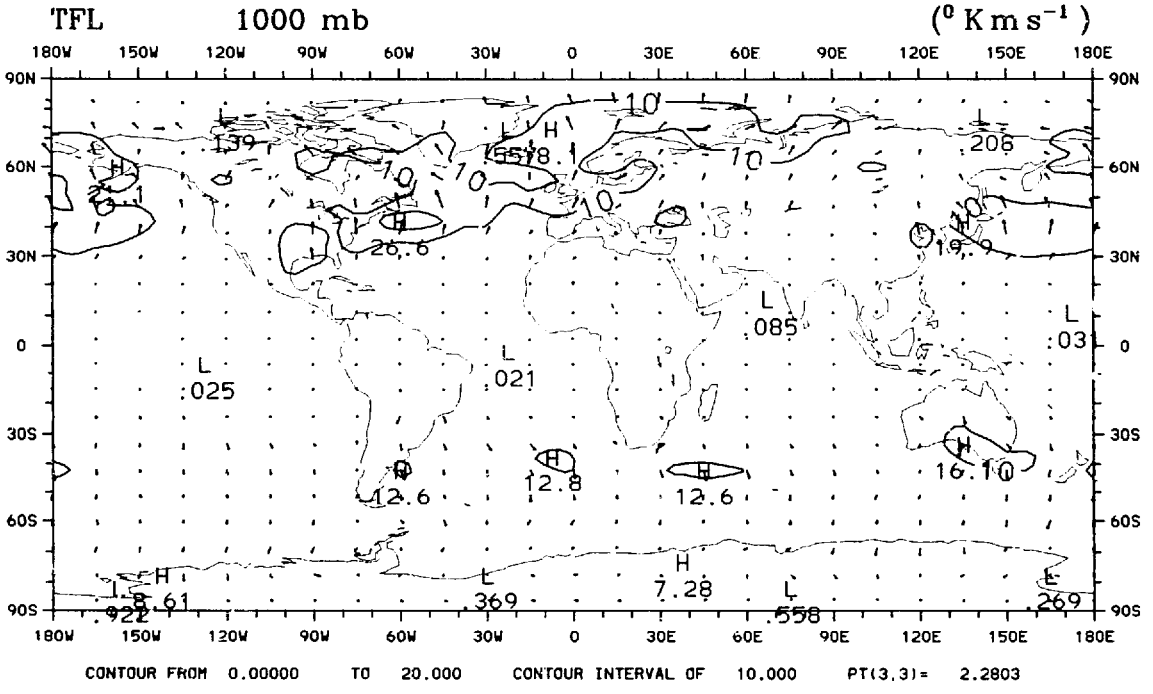
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

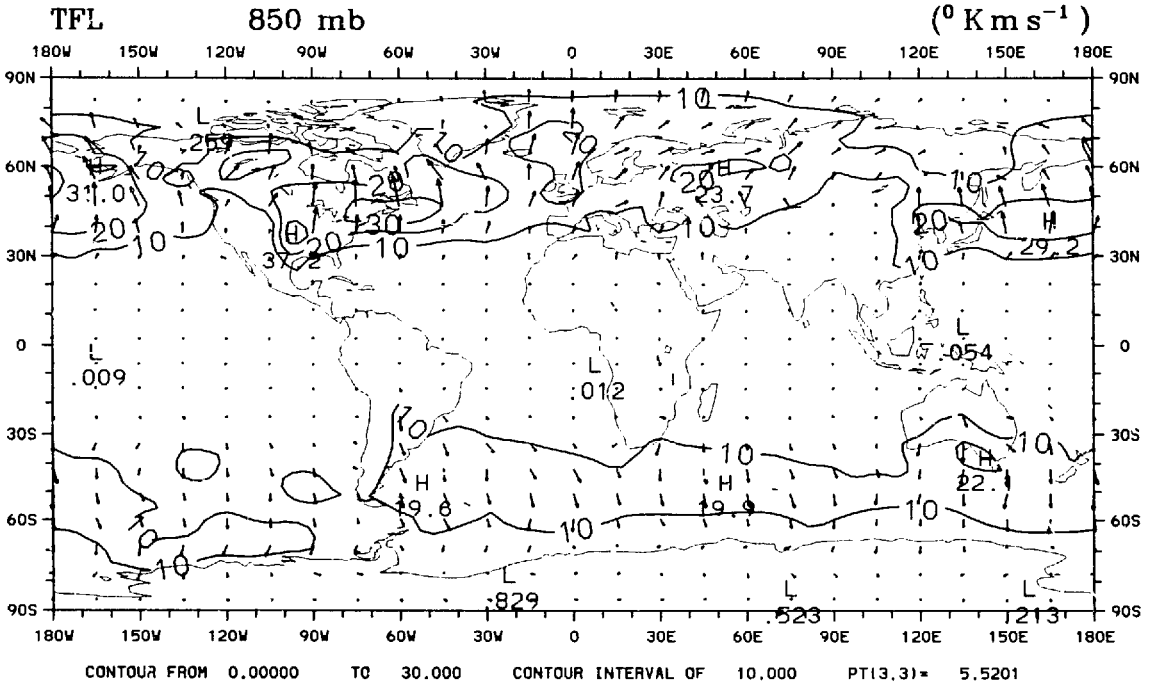
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

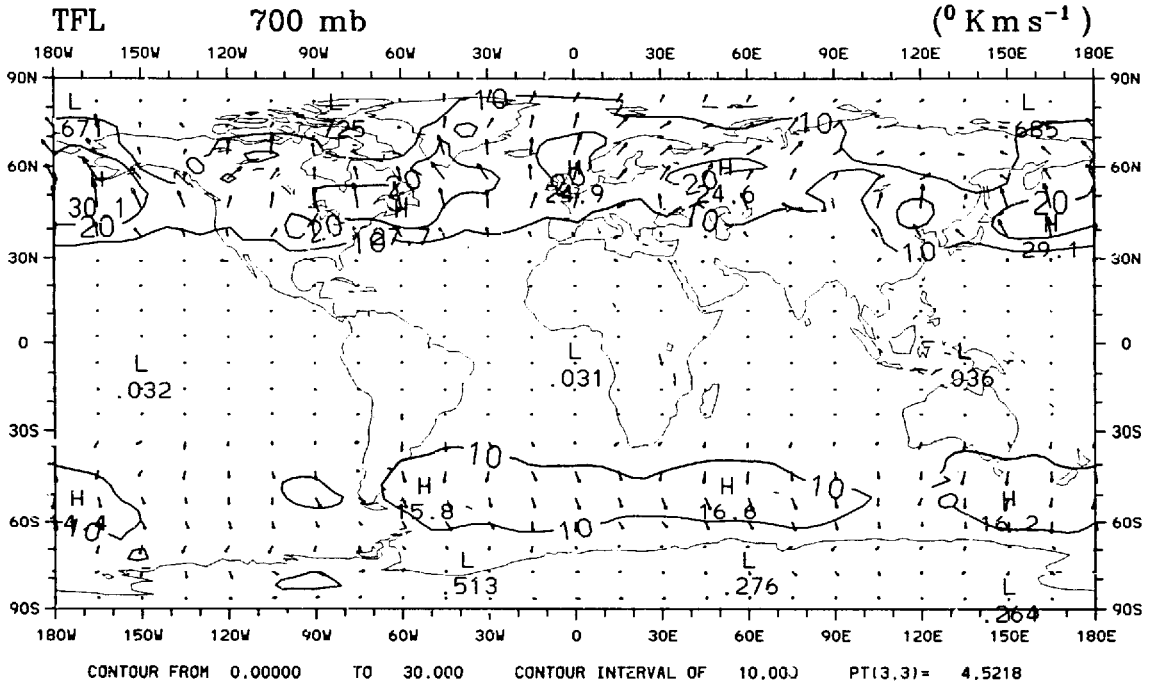
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

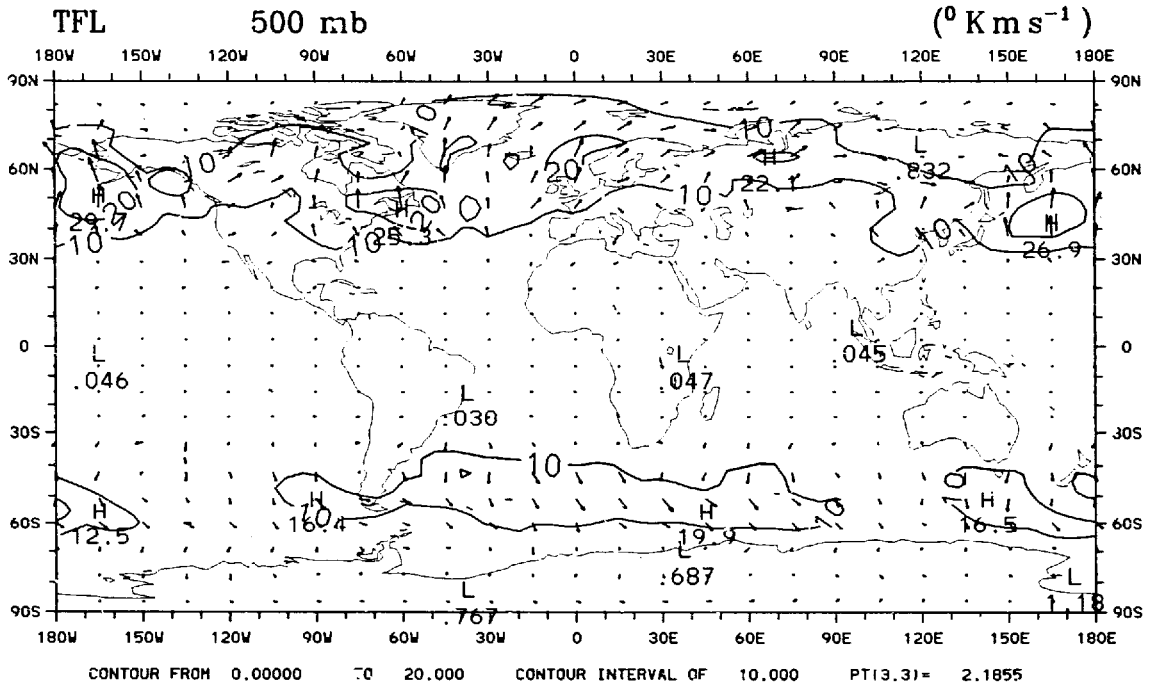
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 ⟶
SCALING VECTOR

FRAME 2.74

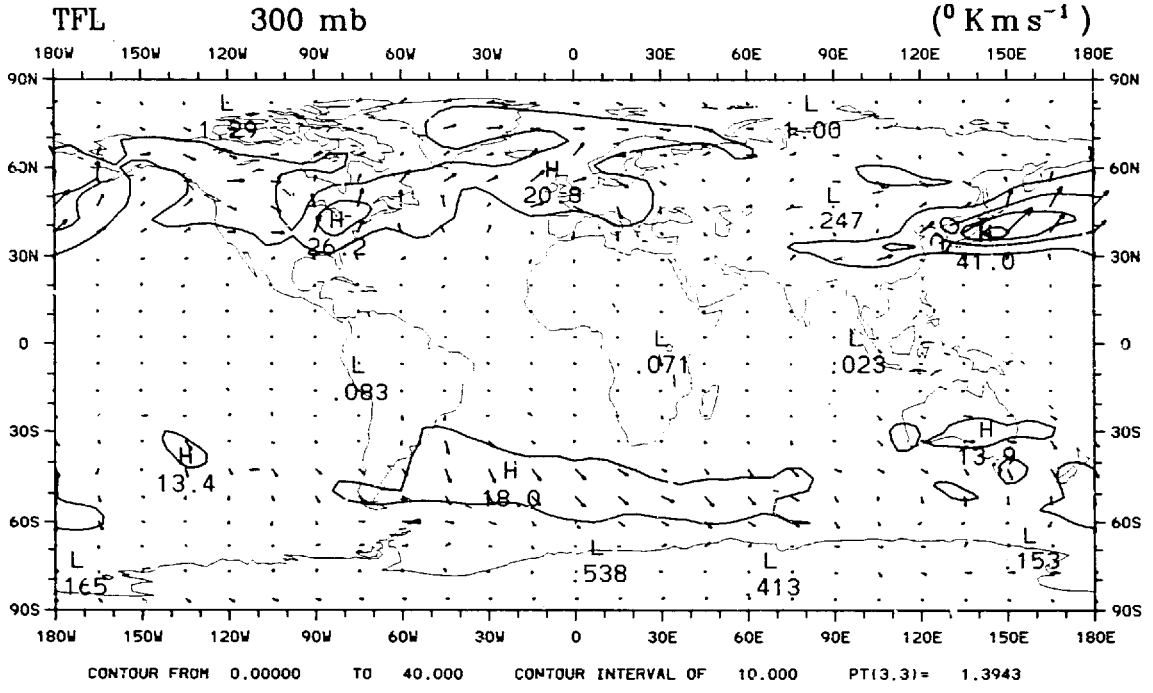
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

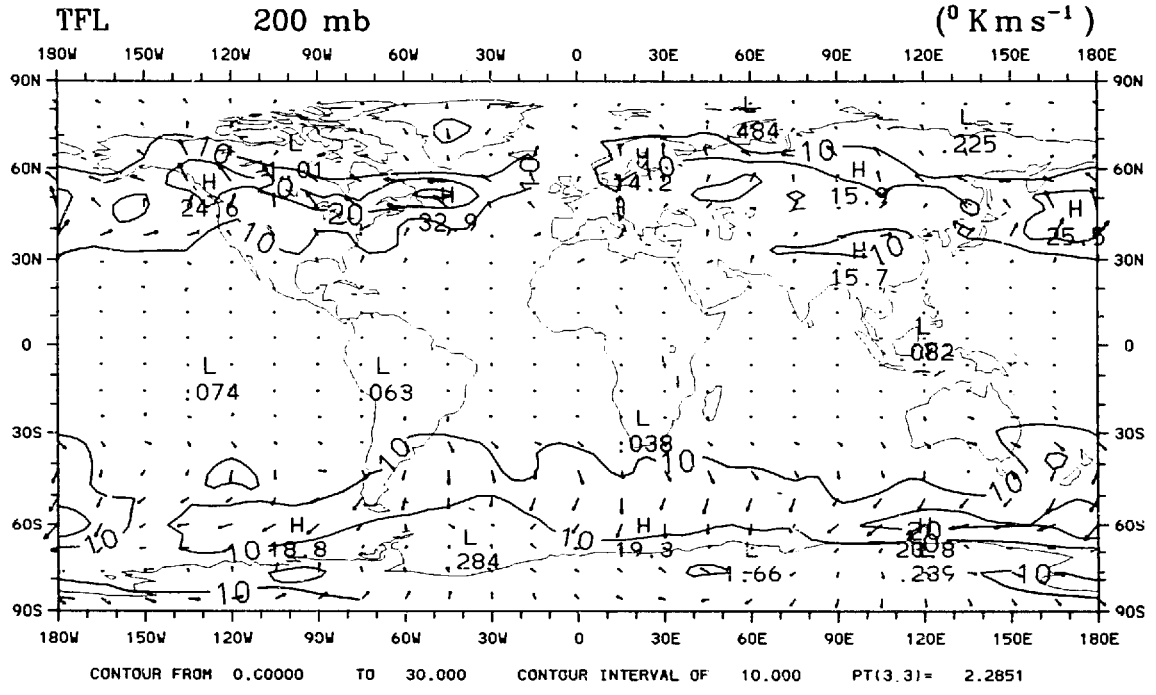
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




FRAME 2.76

0.500E+02 →
SCALING VECTOR

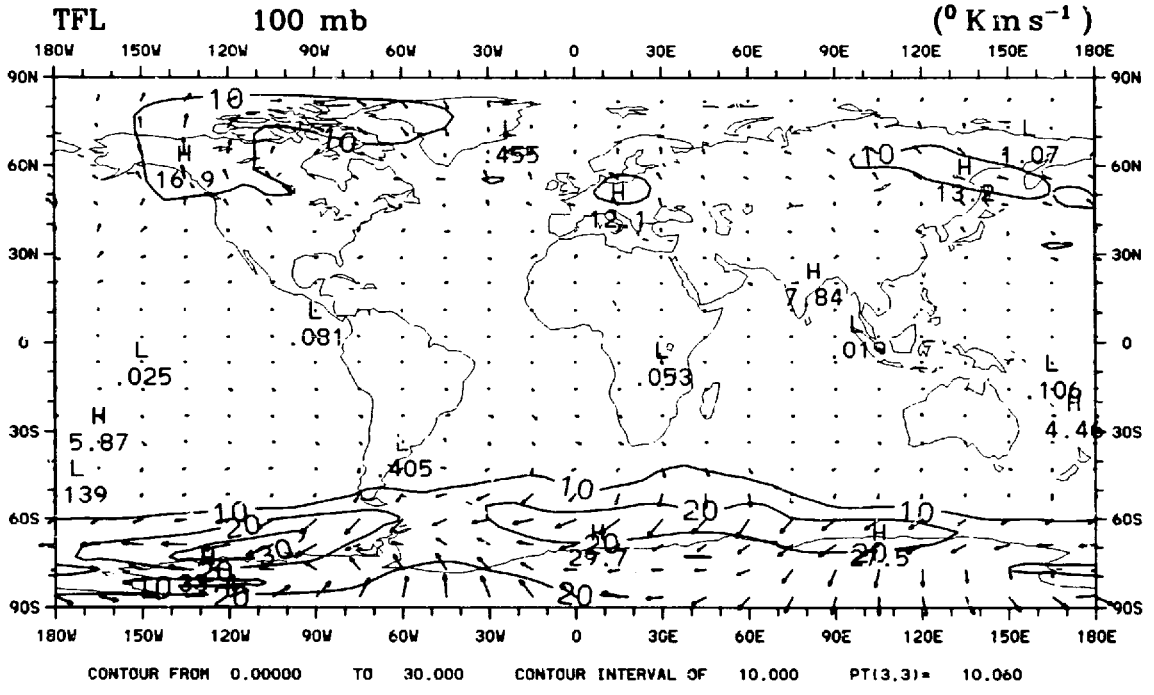
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

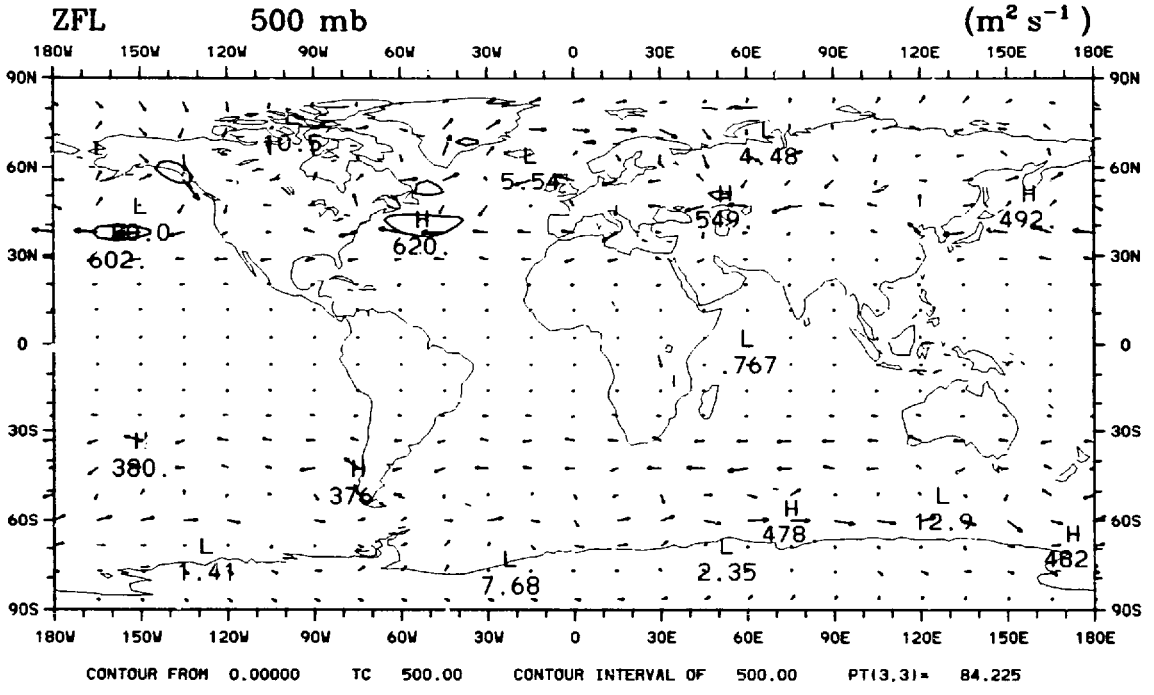
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

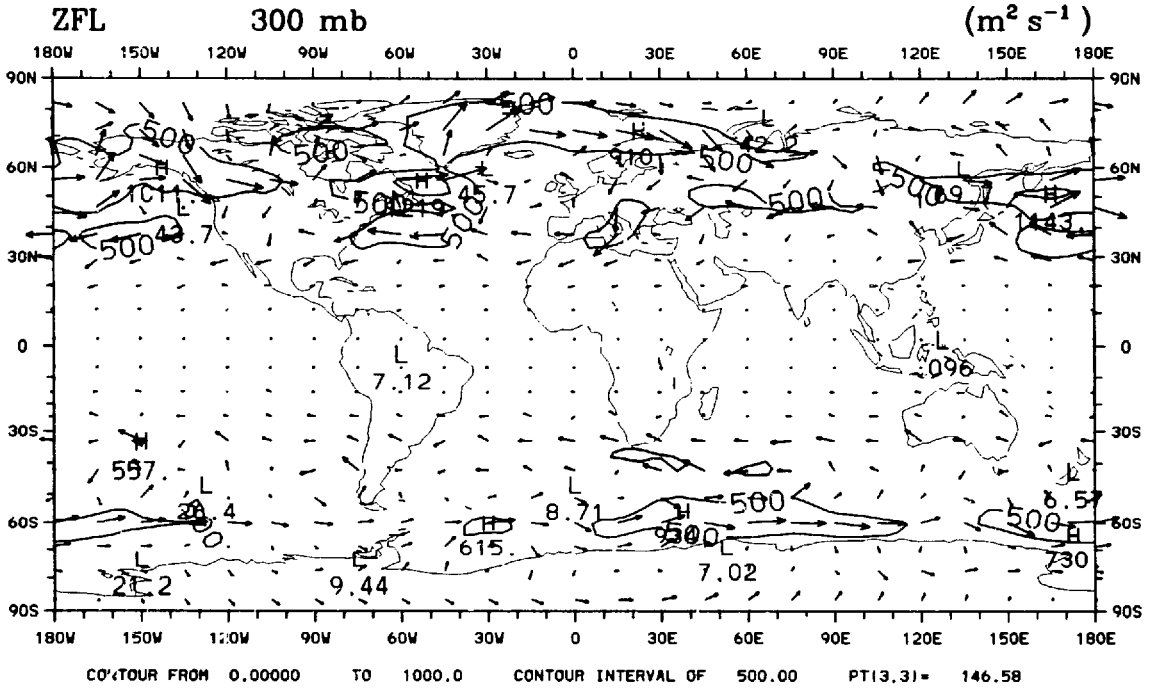
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.79

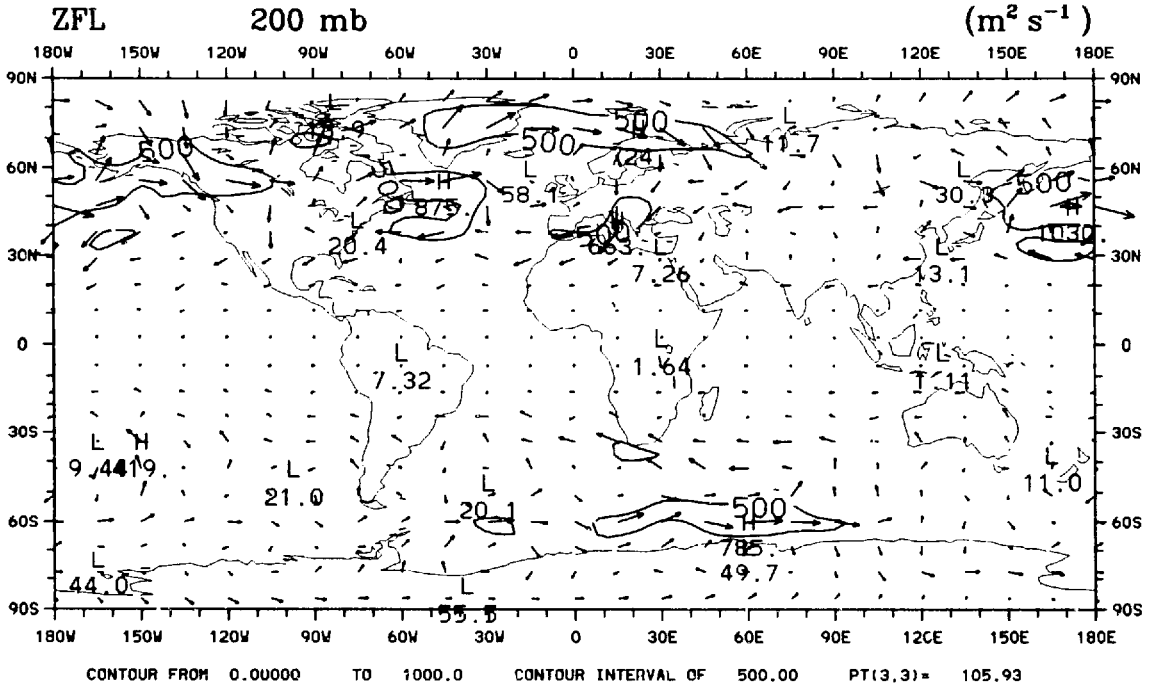
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 ⟶
SCALING VECTOR

FRAME 2.80

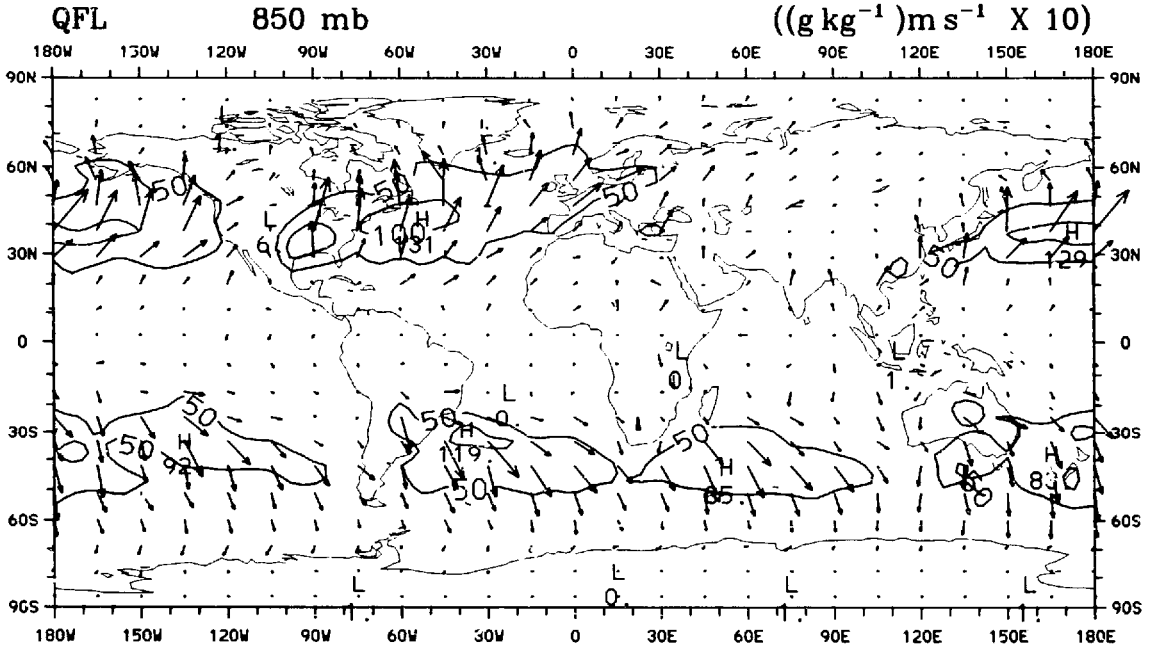
EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



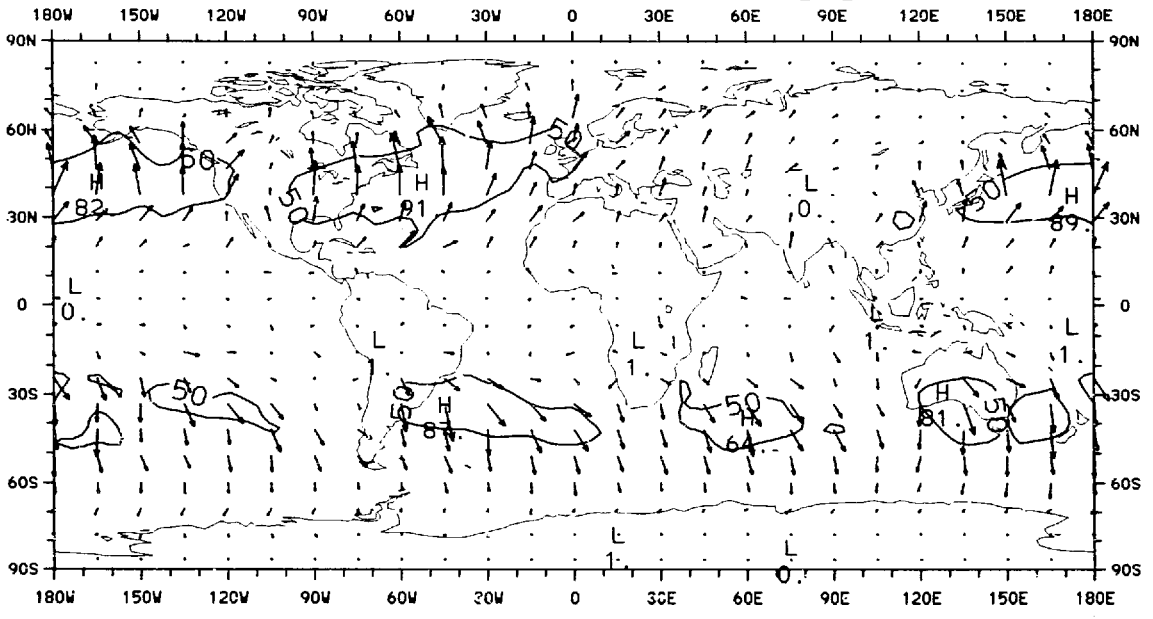

CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.94962E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.82

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

QFL 700 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)

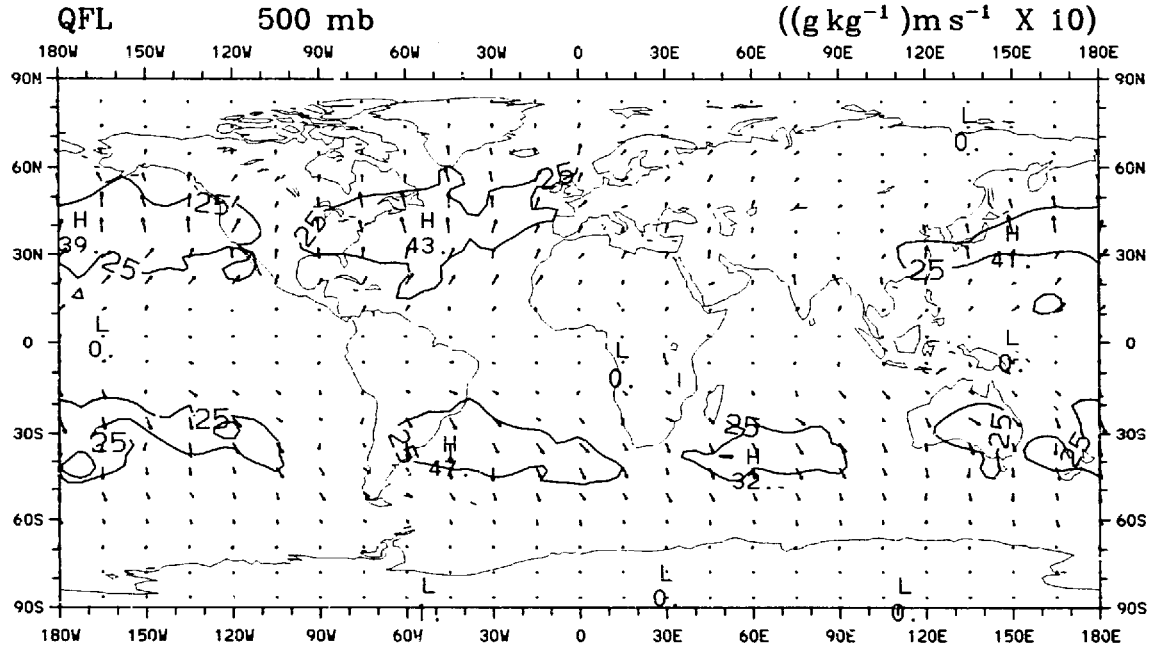



CONTOUR FROM 0.00000 TO 0.50000E-02 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.60762E-03 LABELS SCALED BY 10000.

0.100E-01 ⟶
SCALING VECTOR

FRAME 2.83

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)



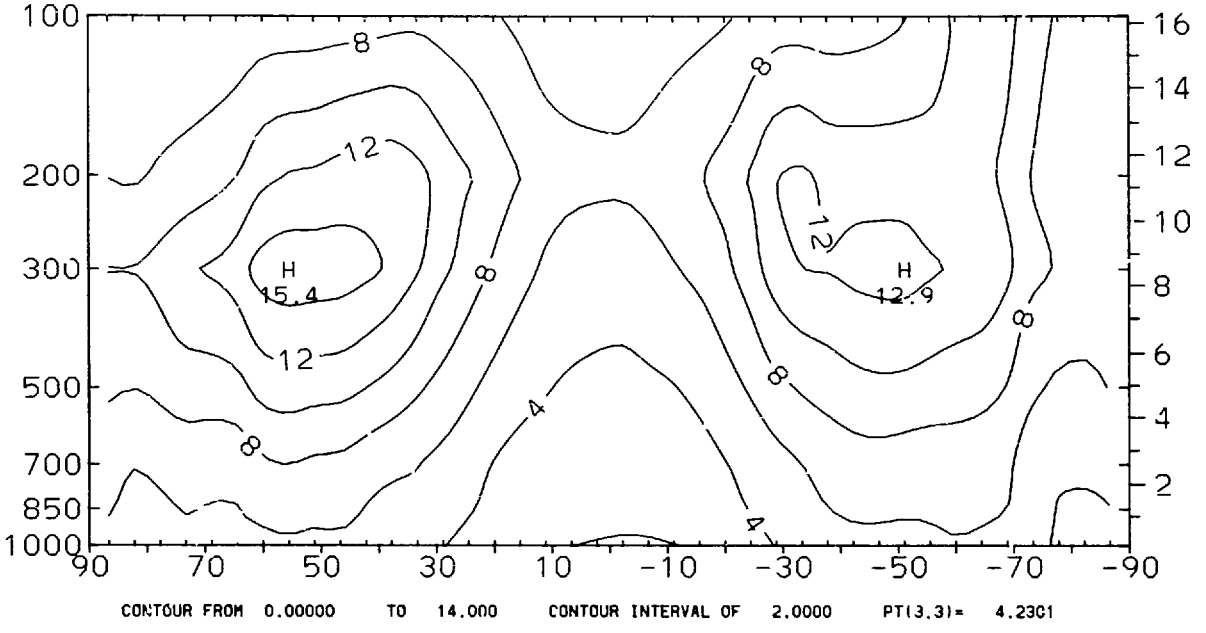

CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL GF 0.25000E-02 PT(3,3)= 0.21831E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.84

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

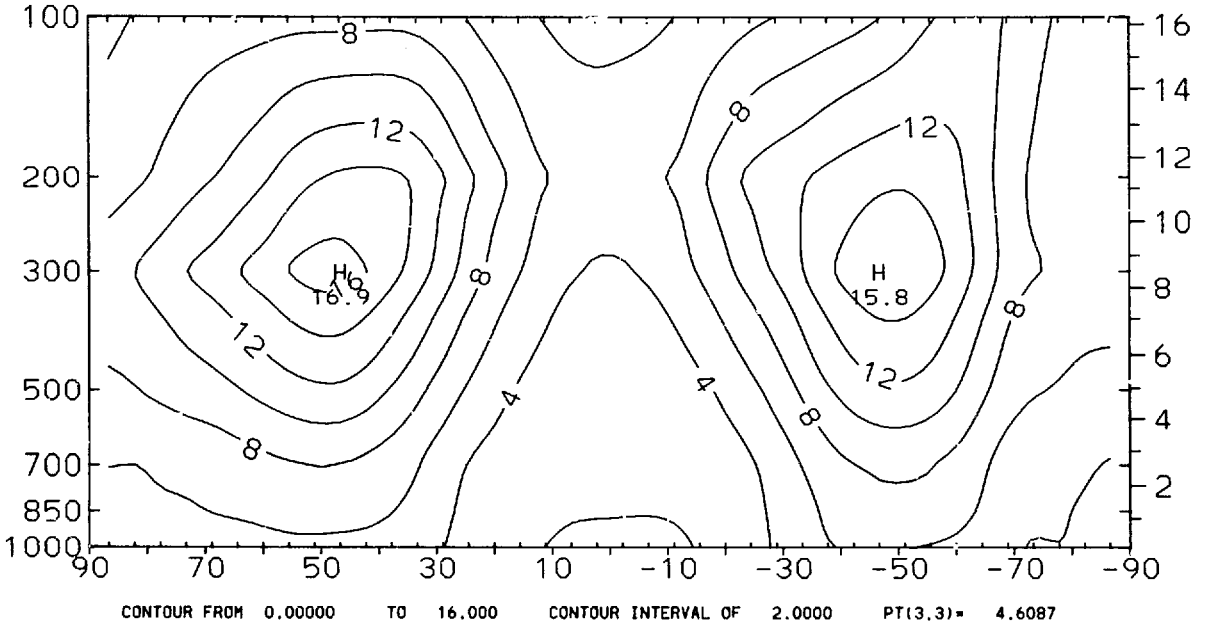
SDU $(m\,s^{-1})$




FRAME 2.85

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

SDV ($m\,s^{-1}$)



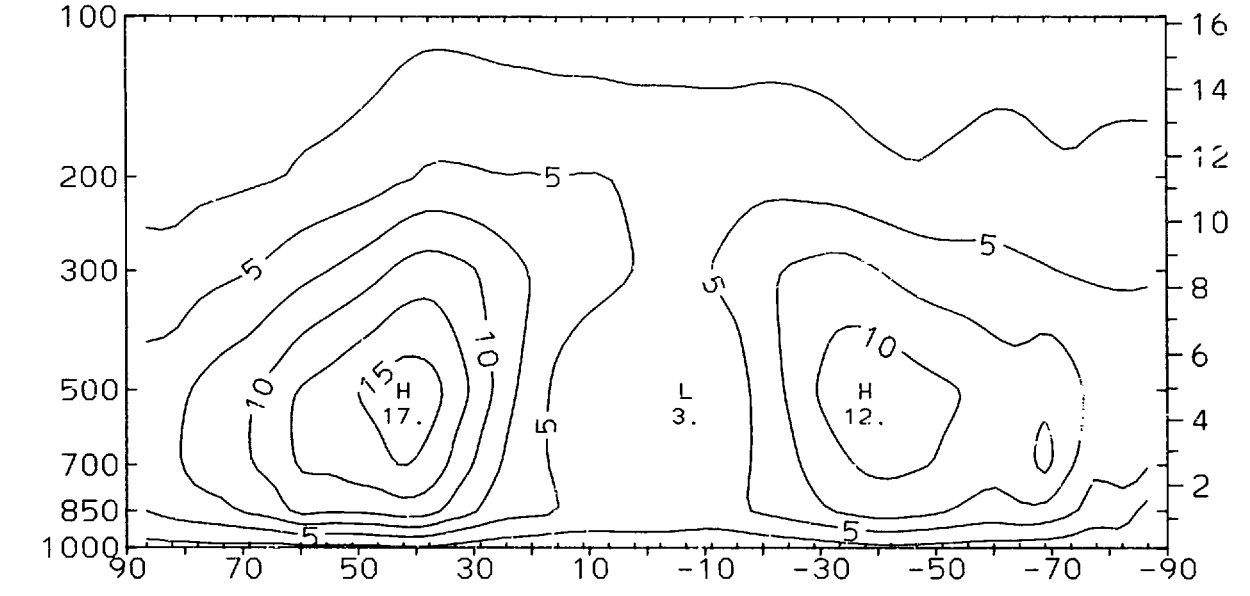

CONTOUR FROM 0.00000 TO 16.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 4.6087

FRAME 2.86

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

SDW

($mb\,s^{-1}$ X $10^4$)

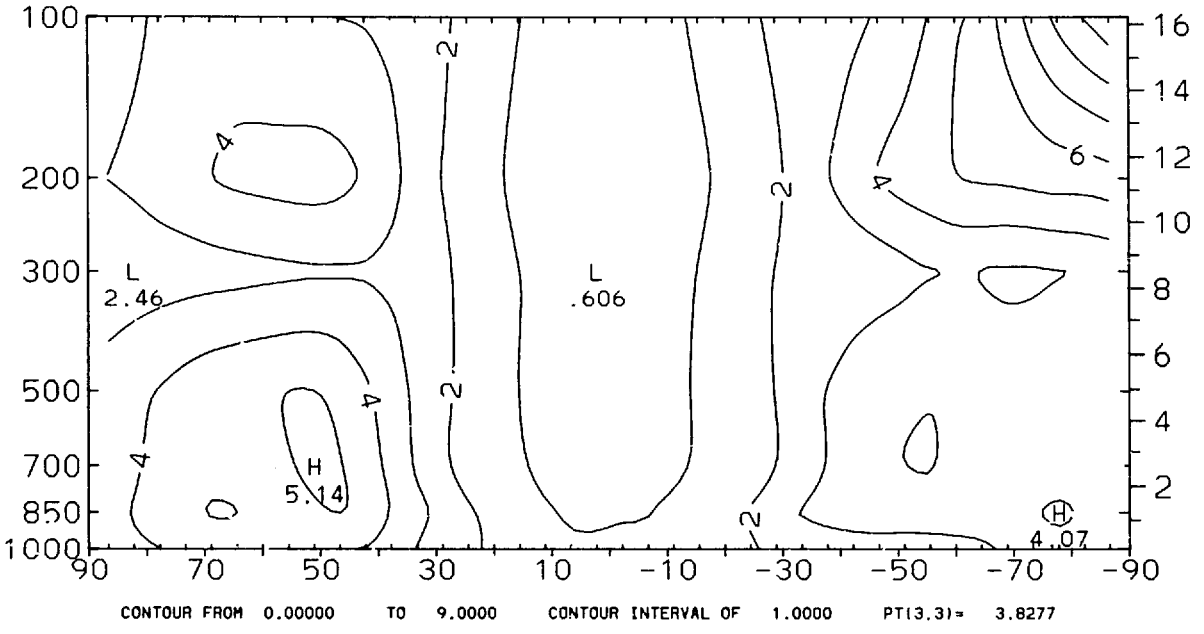



CONTOUR FROM 0.00000 TO 0.15000 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.55045E-01 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

SDT (° K)

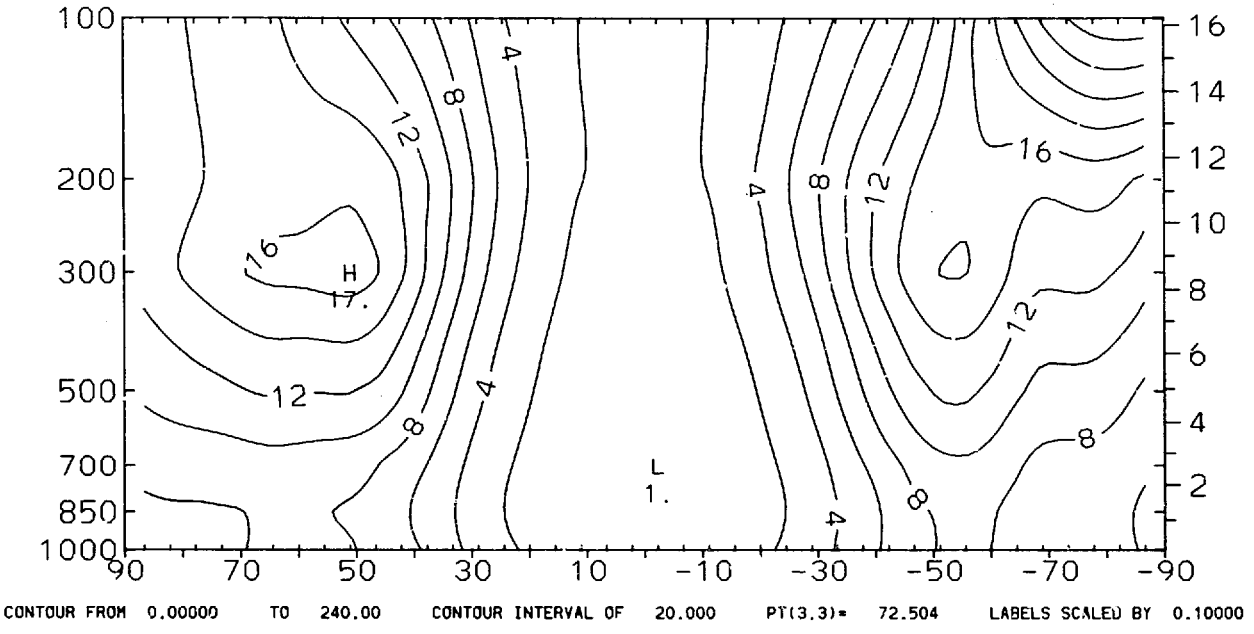



CONTOUR FROM 0.00000 TO 9.0000 CONTOUR INTERVAL OF 1.0000 PT(3,3)= 3.8277

FRAME 2.88

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

SDZ (dam)

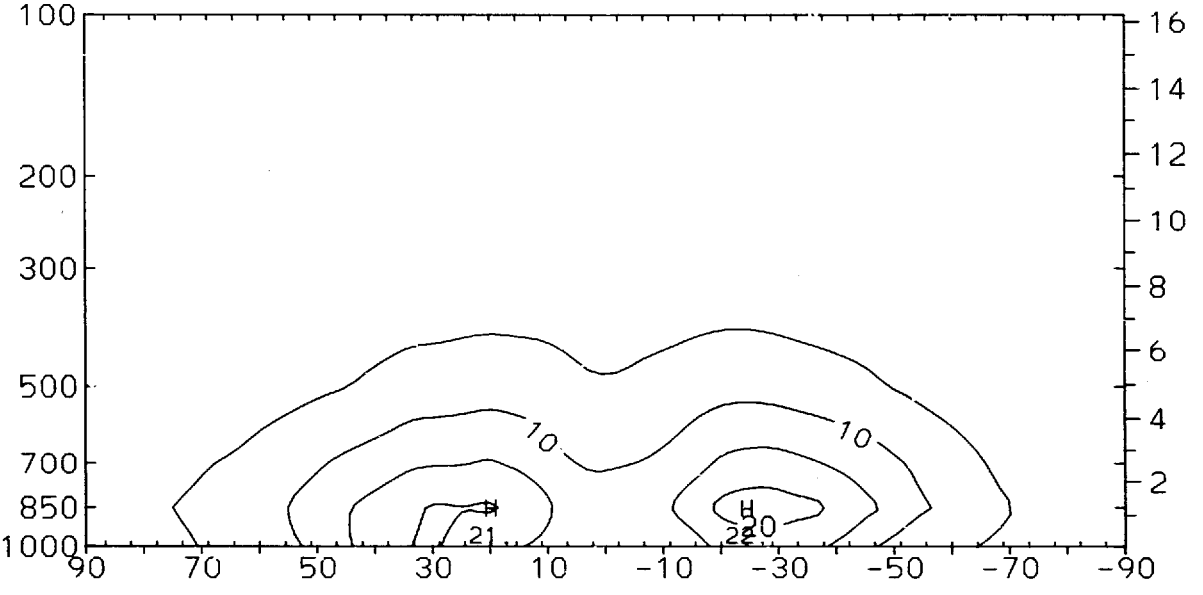



CONTOUR FROM 0.00000 TO 240.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 72.504 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979--1986)

SDQ (g kg$^{-1}$ X 10)

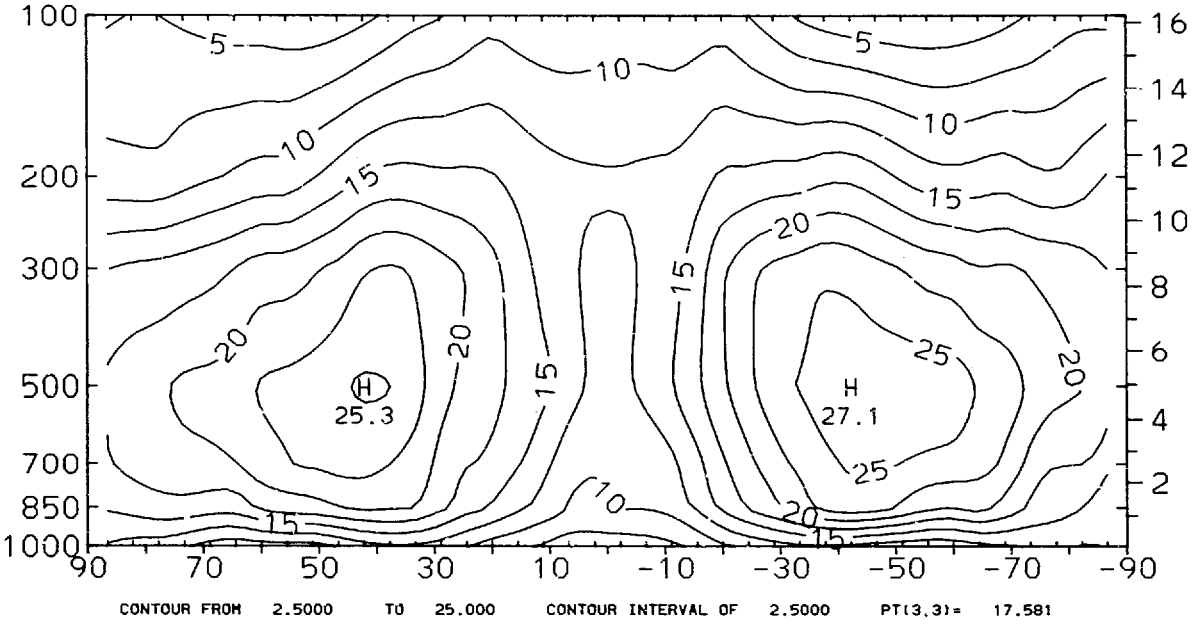



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.29106E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

SDRH (%)

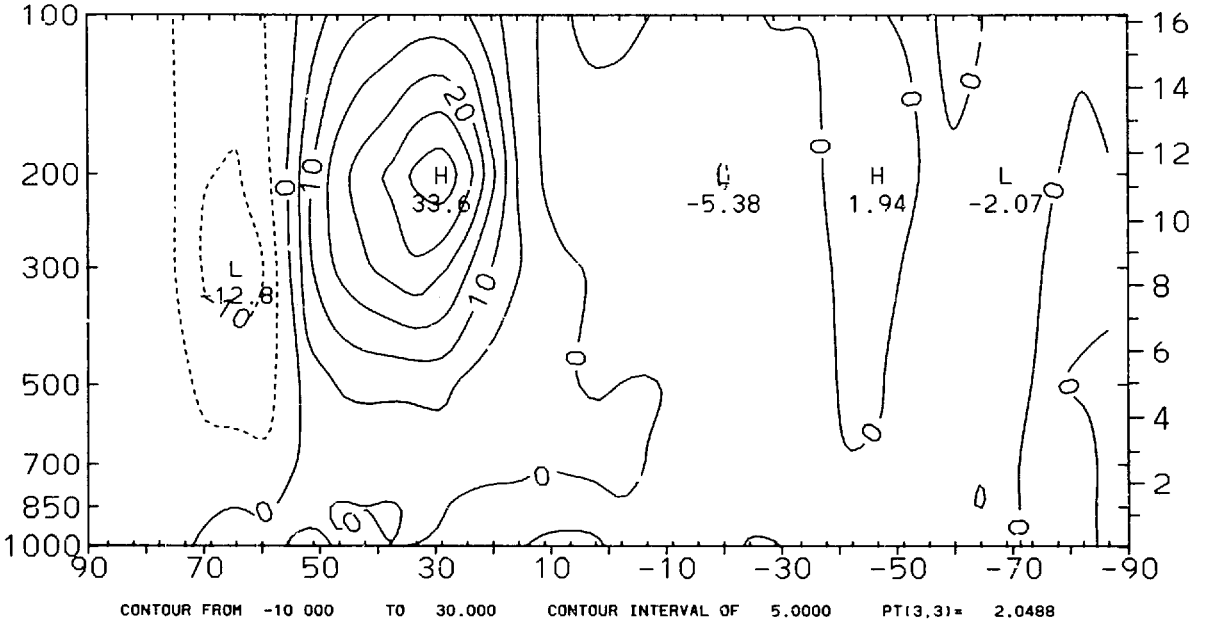



CONTOUR FROM 2.5000 TO 25.000 CONTOUR INTERVAL OF 2.5000 PT(3,3)= 17.581

FRAME 2.91

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

UVS ($m^2 s^{-2}$)

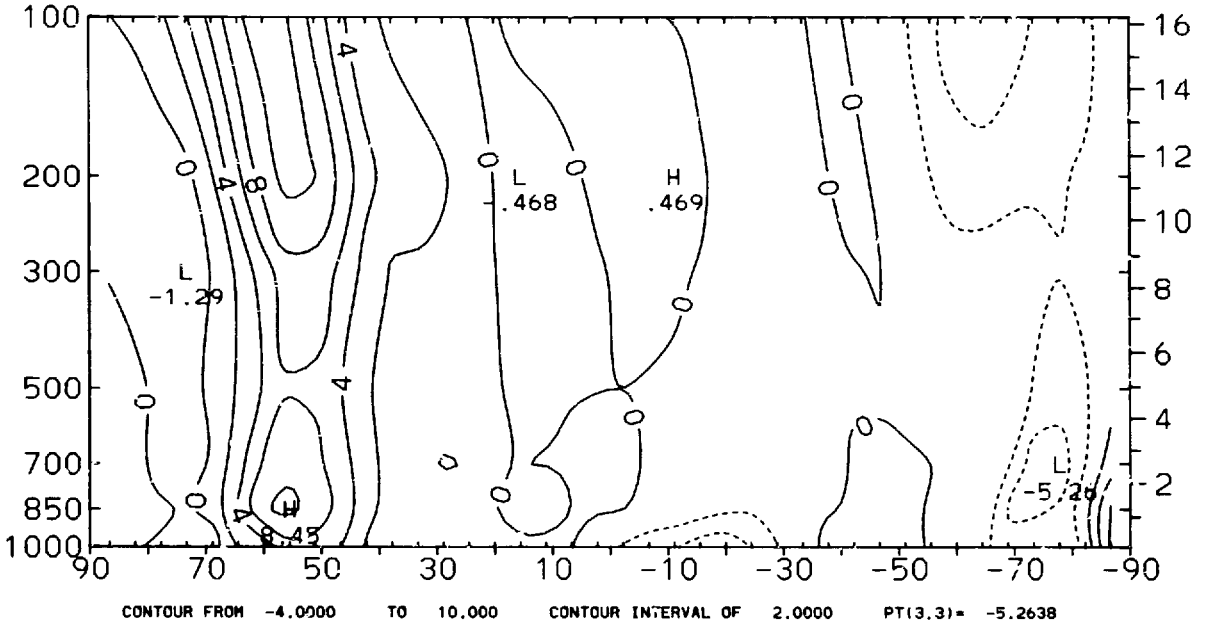



CONTOUR FROM -10 000 TO 30.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 2.0488

FRAME 2.92

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

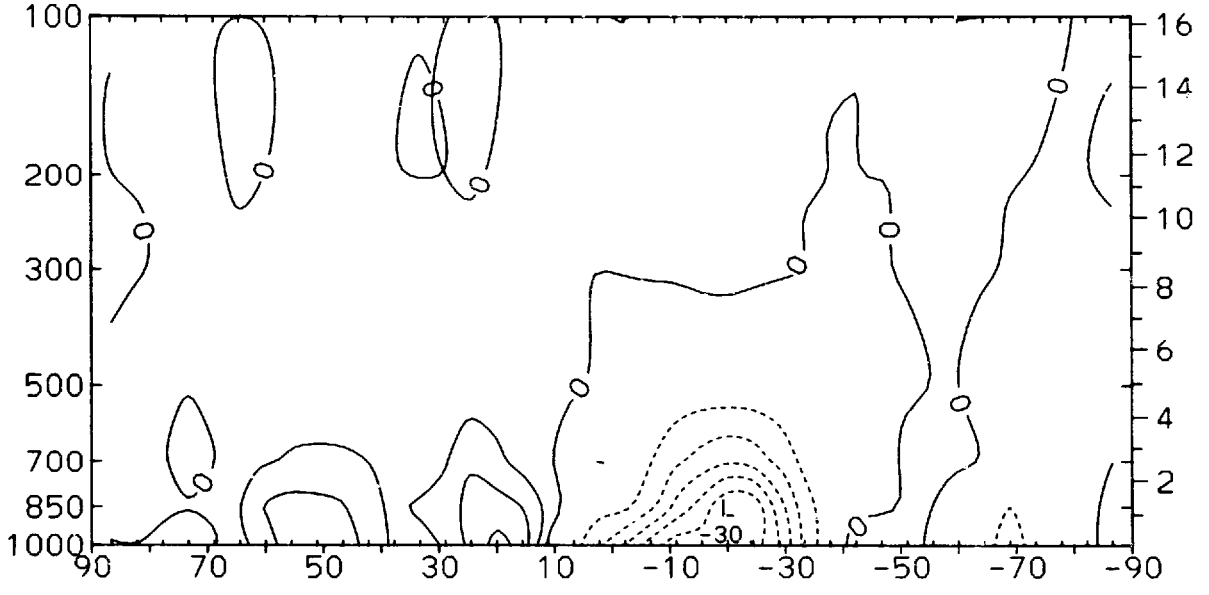
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979–1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

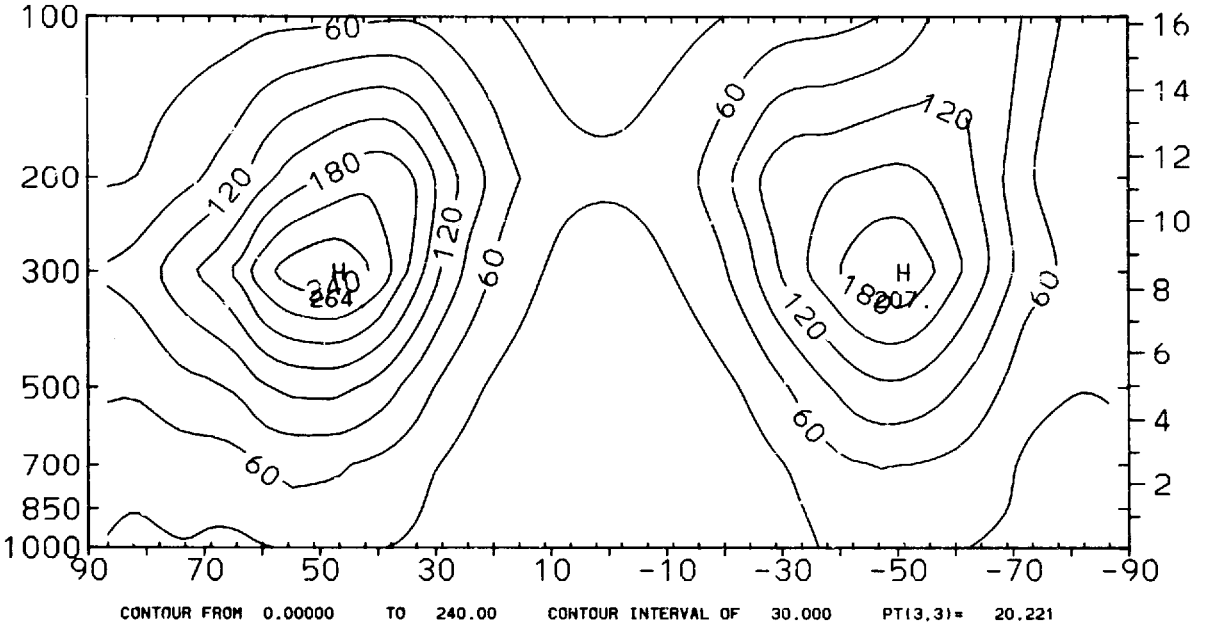



CONTOUR FROM -0.30000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.24029E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 NOVEMBER (ENSEMBLE AVERAGE 1979-1986)

KEP ($m^2 s^{-2}$)




FRAME 2.95

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 1000.0P | A | 334.0 TO 3256.0 |
| 1.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 850.0P | A | 334.0 TO 3256.0 |
| 1.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 700.0P | A | 334.0 TO 3256.0 |
| 1.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 500.0P | A | 334.0 TO 3256.0 |
| 1.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 300.0P | A | 334.0 TO 3256.0 |
| 1.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 200.0P | A | 334.0 TO 3256.0 |
| 1.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | U | 100.0P | A | 334.0 TO 3256.0 |
| 1.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 1000.P | A | 334.0 TO 3256.0 |
| 1.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 850.0P | A | 334.0 TO 3256.0 |
| 1.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 700.0P | A | 334.0 TO 3256.0 |
| 1.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 500.0P | A | 334.0 TO 3256.0 |
| 1.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 300.0P | A | 334.0 TO 3256.0 |
| 1.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 200.0P | A | 334.0 TO 3256.0 |
| 1.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | V | 100.0P | A | 334.0 TO 3256.0 |
| 1.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 1000.P | A | 334.0 TO 3256.0 |
| 1.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 850.0P | A | 334.0 TO 3256.0 |
| 1.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 700.0P | A | 334.0 TO 3256.0 |
| 1.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 500.0P | A | 334.0 TO 3256.0 |
| 1.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 300.0P | A | 334.0 TO 3256.0 |
| 1.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 200.0P | A | 334.0 TO 3256.0 |
| 1.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | T | 100.0P | A | 334.0 TO 3256.0 |
| 1.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 1000.P | A | 334.0 TO 3256.0 |
| 1.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 850.0P | A | 334.0 TO 3256.0 |
| 1.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 700.0P | A | 334.0 TO 3256.0 |
| 1.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 500.0P | A | 334.0 TO 3256.0 |
| 1.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 300.0P | A | 334.0 TO 3256.0 |
| 1.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 200.0P | A | 334.0 TO 3256.0 |
| 1.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | ZA | 100.0P | A | 334.0 TO 3256.0 |
| 1.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 1000.P | A | 334.0 TO 3256.0 |
| 1.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 850.0P | A | 334.0 TO 3256.0 |
| 1.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 700.0P | A | 334.0 TO 3256.0 |
| 1.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 500.0P | A | 334.0 TO 3256.0 |
| 1.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 300.0P | A | 334.0 TO 3256.0 |
| 1.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 200.0P | A | 334.0 TO 3256.0 |
| 1.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | OMEGA | 100.0P | A | 334.0 TO 3256.0 |
| 1.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 1000.P | A | 334.0 TO 3256.0 |
| 1.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 850.0P | A | 334.0 TO 3256.0 |
| 1.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 700.0P | A | 334.0 TO 3256.0 |
| 1.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 500.0P | A | 334.0 TO 3256.0 |
| 1.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | Q | 300.0P | A | 334.0 TO 3256.0 |
| 1.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 1000.P | A | 334.0 TO 3256.0 |
| 1.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 850.0P | A | 334.0 TO 3256.0 |
| 1.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 700.0P | A | 334.0 TO 3256.0 |
| 1.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 500.0P | A | 334.0 TO 3256.0 |
| 1.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 300.0P | A | 334.0 TO 3256.0 |
| 1.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 200.0P | A | 334.0 TO 3256.0 |
| 1.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | UTP | 100.0P | A | 334.0 TO 3256.0 |
| 1.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 1000.P | A | 334.0 TO 3256.0 |
| 1.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 850.0P | A | 334.0 TO 3256.0 |
| 1.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E 90.0S<lat<90.0N | VTP | 700.0P | A | 334.0 TO 3256.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 500.0P | A | 334.0 TO 3256.0 |
| 1.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 300.0P | A | 334.0 TO 3256.0 |
| 1.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 200.0P | A | 334.0 TO 3256.0 |
| 1.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VTP | 100.0P | A | 334.0 TO 3256.0 |
| 1.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 850.0P | A | 334.0 TO 3256.0 |
| 1.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 700.0P | A | 334.0 TO 3256.0 |
| 1.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 500.0P | A | 334.0 TO 3256.0 |
| 1.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 300.0P | A | 334.0 TO 3256.0 |
| 1.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WTP | 200.0P | A | 334.0 TO 3256.0 |
| 1.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 850.0P | A | 334.0 TO 3256.0 |
| 1.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 700.0P | A | 334.0 TO 3256.0 |
| 1.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 500.0P | A | 334.0 TO 3256.0 |
| 1.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 300.0P | A | 334.0 TO 3256.0 |
| 1.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UZP | 200.0P | A | 334.0 TO 3256.0 |
| 1.65 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 850.0P | A | 334.0 TO 3256.0 |
| 1.66 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 700.0P | A | 334.0 TO 3256.0 |
| 1.67 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 500.0P | A | 334.0 TO 3256.0 |
| 1.68 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 300.0P | A | 334.0 TO 3256.0 |
| 1.69 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VZP | 200.0P | A | 334.0 TO 3256.0 |
| 1.70 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 850.0P | A | 334.0 TO 3256.0 |
| 1.71 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 700.0P | A | 334.0 TO 3256.0 |
| 1.72 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 500.0P | A | 334.0 TO 3256.0 |
| 1.73 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 300.0P | A | 334.0 TO 3256.0 |
| 1.74 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WZP | 200.0P | A | 334.0 TO 3256.0 |
| 1.75 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 850.0P | A | 334.0 TO 3256.0 |
| 1.76 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 700.0P | A | 334.0 TO 3256.0 |
| 1.77 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 500.0P | A | 334.0 TO 3256.0 |
| 1.78 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UQP | 300.0P | A | 334.0 TO 3256.0 |
| 1.79 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 850.0P | A | 334.0 TO 3256.0 |
| 1.80 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 700.0P | A | 334.0 TO 3256.0 |
| 1.81 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 500.0P | A | 334.0 TO 3256.0 |
| 1.82 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VQP | 300.0P | A | 334.0 TO 3256.0 |
| 1.83 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 850.0P | A | 334.0 TO 3256.0 |
| 1.84 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 700.0P | A | 334.0 TO 3256.0 |
| 1.85 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 500.0P | A | 334.0 TO 3256.0 |
| 1.86 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | WQP | 300.0P | A | 334.0 TO 3256.0 |
| 1.87 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 1000.P | A | 334.0 TO 3256.0 |
| 1.88 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 850.0P | A | 334.0 TO 3256.0 |
| 1.89 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 700.0P | A | 334.0 TO 3256.0 |
| 1.90 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 500.0P | A | 334.0 TO 3256.0 |
| 1.91 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 300.0P | A | 334.0 TO 3256.0 |
| 1.92 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 200.0P | A | 334.0 TO 3256.0 |
| 1.93 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UVP | 100.0P | A | 334.0 TO 3256.0 |
| 1.94 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 850.0P | A | 334.0 TO 3256.0 |
| 1.95 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 700.0P | A | 334.0 TO 3256.0 |
| 1.96 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 500.0P | A | 334.0 TO 3256.0 |
| 1.97 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 300.0P | A | 334.0 TO 3256.0 |
| 1.98 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | UWP | 200.0P | A | 334.0 TO 3256.0 |
| 1.99 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 850.0P | A | 334.0 TO 3256.0 |
| 1.100 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | VWP | 700.0P | A | 334.0 TO 3256.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

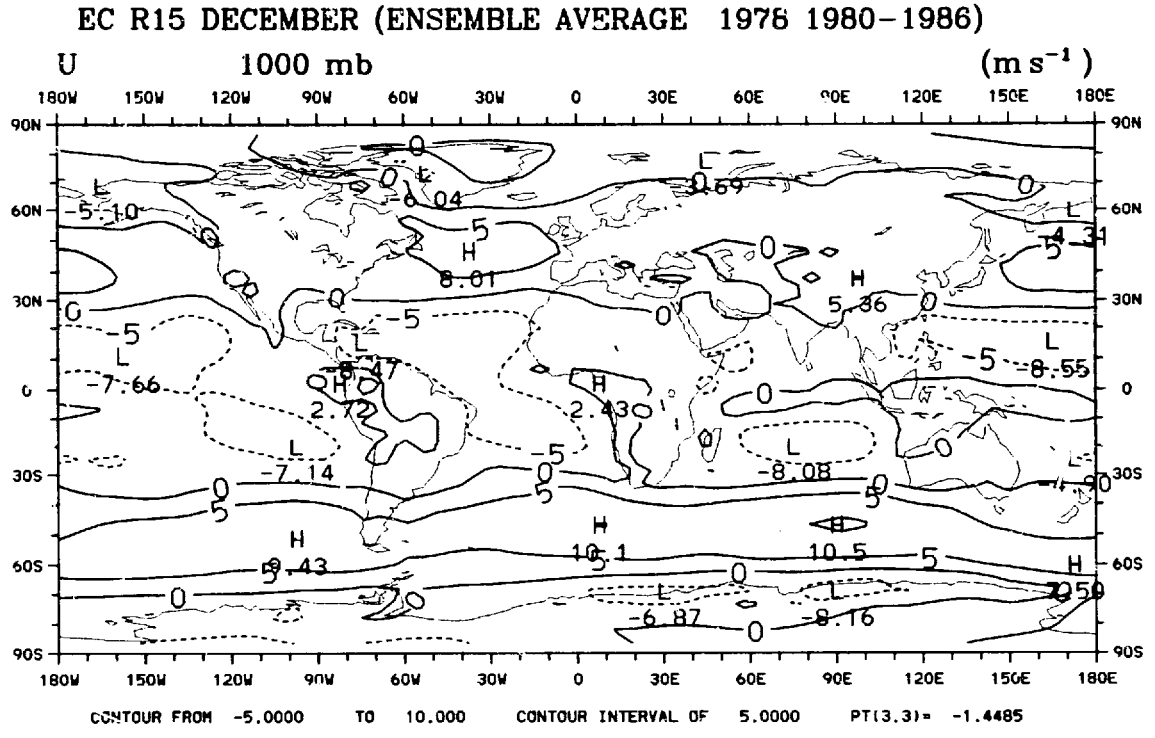
| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 1.101 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VWP | 500.0P | A | 334.0 TO 3256.0 |
| 1.102 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VWP | 300.0P | A | 334.0 TO 3256.0 |
| 1.103 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | VWP | 200.0P | A | 334.0 TO 3256.0 |
| 1.104 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | PS | 1000.S | A | 334.0 TO 3256.0 |
| 1.105 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | RH | 1000.P | A | 334.0 TO 3256.0 |
| 1.106 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | RH | 850.0P | A | 334.0 TO 3256.0 |
| 1.107 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | RH | 700.0P | A | 334.0 TO 3256.0 |
| 1.108 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | RH | 500.0P | A | 334.0 TO 3256.0 |
| 1.109 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | RH | 300.0P | A | 334.0 TO 3256.0 |
| 1.110 | Time Avg. Zonal Avg. Lat. Cross Section Contours | U | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.111 | Time Avg. Zonal Avg. Lat. Cross Section Contours | V | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.112 | Time Avg. Zonal Avg. Lat. Cross Section Contours | T | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.113 | Time Avg. Zonal Avg. Lat. Cross Section Contours | OMEGA | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.114 | Time Avg. Zonal Avg. Lat. Cross Section Contours | Q | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.115 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UTP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.116 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.117 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WTP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.118 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UZP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.119 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VZP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.120 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WZP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.121 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UQP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.122 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.123 | Time Avg. Zonal Avg. Lat. Cross Section Contours | WQP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.124 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.125 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UWP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.126 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VWP | MULTIPLE | A | 334.0 TO 3256.0 |
| 1.127 | Time Avg. Zonal Avg. Lat. Cross Section Line | PS | 1000.S | A | 334.0 TO 3256.0 |
| 1.128 | Time Avg. Zonal Avg. Lat. Cross Section Contours | RH | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.1 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDU | 1000.P | A | 334.0 TO 3256.0 |
| 2.2 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDU | 850.0P | A | 334.0 TO 3256.0 |
| 2.3 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDU | 700.0P | A | 334.0 TO 3256.0 |
| 2.4 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDU | 500.0P | A | 334.0 TO 3256.0 |
| 2.5 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDU | 300.0P | A | 334.0 TO 3256.0 |
| 2.6 | Time Avg. Hor. Proj. Contours 180.0W<lon<190.0E.90.0S<lat<90.0N | SDU | 200.0P | A | 334.0 TO 3256.0 |
| 2.7 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDU | 100.0P | A | 334.0 TO 3256.0 |
| 2.8 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 1000.P | A | 334.0 TO 3256.0 |
| 2.9 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 850.0P | A | 334.0 TO 3256.0 |
| 2.10 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 700.0P | A | 334.0 TO 3256.0 |
| 2.11 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 500.0P | A | 334.0 TO 3256.0 |
| 2.12 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 300.0P | A | 334.0 TO 3256.0 |
| 2.13 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 200.0P | A | 334.0 TO 3256.0 |
| 2.14 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDV | 100.0P | A | 334.0 TO 3256.0 |
| 2.15 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDW | 850.0P | A | 334.0 TO 3256.0 |
| 2.16 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDW | 700.0P | A | 334.0 TO 3256.0 |
| 2.17 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDW | 500.0P | A | 334.0 TO 3256.0 |
| 2.18 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDW | 300.0P | A | 334.0 TO 3256.0 |
| 2.19 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDW | 200.0P | A | 334.0 TO 3256.0 |
| 2.20 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDT | 1000.P | A | 334.0 TO 3256.0 |
| 2.21 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDT | 850.0P | A | 334.0 TO 3256.0 |
| 2.22 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E.90.0S<lat<90.0N | SDT | 700.0P | A | 334.0 TO 3256.0 |

INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.23 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 500.0P | A | 334.0 TO 3256.0 |
| 2.24 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 300.0P | A | 334.0 TO 3256.0 |
| 2.25 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 200.0P | A | 334.0 TO 3256.0 |
| 2.26 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDT | 100.0P | A | 334.0 TO 3256.0 |
| 2.27 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 1000.P | A | 334.0 TO 3256.0 |
| 2.28 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 850.0P | A | 334.0 TO 3256.0 |
| 2.29 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 700.0P | A | 334.0 TO 3256.0 |
| 2.30 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 500.0P | A | 334.0 TO 3256.0 |
| 2.31 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 300.0P | A | 334.0 TO 3256.0 |
| 2.32 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 200.0P | A | 334.0 TO 3256.0 |
| 2.33 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDZ | 100.0P | A | 334.0 TO 3256.0 |
| 2.34 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 850.0P | A | 334.0 TO 3256.0 |
| 2.35 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 700.0P | A | 334.0 TO 3256.0 |
| 2.36 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 500.0P | A | 334.0 TO 3256.0 |
| 2.37 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDQ | 300.0P | A | 334.0 TO 3256.0 |
| 2.38 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 850.0P | A | 334.0 TO 3256.0 |
| 2.39 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 700.0P | A | 334.0 TO 3256.0 |
| 2.40 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 500.0P | A | 334.0 TO 3256.0 |
| 2.41 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | SDRH | 300.0P | A | 334.0 TO 3256.0 |
| 2.42 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 1000.P | A | 334.0 TO 3256.0 |
| 2.43 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 850.0P | A | 334.0 TO 3256.0 |
| 2.44 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 700.0P | A | 334.0 TO 3256.0 |
| 2.45 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 500.0P | A | 334.0 TO 3256.0 |
| 2.46 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 300.0P | A | 334.0 TO 3256.0 |
| 2.47 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 200.0P | A | 334.0 TO 3256.0 |
| 2.48 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | TS | 100.0P | A | 334.0 TO 3256.0 |
| 2.49 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 1000.P | A | 334.0 TO 3256.0 |
| 2.50 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 850.0P | A | 334.0 TO 3256.0 |
| 2.51 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 700.0P | A | 334.0 TO 3256.0 |
| 2.52 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 500.0P | A | 334.0 TO 3256.0 |
| 2.53 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 300.0P | A | 334.0 TO 3256.0 |
| 2.54 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 200.0P | A | 334.0 TO 3256.0 |
| 2.55 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | ZS | 100.0P | A | 334.0 TO 3256.0 |
| 2.56 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 850.0P | A | 334.0 TO 3256.0 |
| 2.57 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 700.0P | A | 334.0 TO 3256.0 |
| 2.58 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 500.0P | A | 334.0 TO 3256.0 |
| 2.59 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | QS | 300.0P | A | 334.0 TO 3256.0 |
| 2.60 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 850.0P | A | 334.0 TO 3256.0 |
| 2.61 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 700.0P | A | 334.0 TO 3256.0 |
| 2.62 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 500.0P | A | 334.0 TO 3256.0 |
| 2.63 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 300.0P | A | 334.0 TO 3256.0 |
| 2.64 | Time Avg. Hor. Proj. Contours 180.0W<lon<180.0E,90.0S<lat<90.0N | KEP | 200.0P | A | 334.0 TO 3256.0 |
| 2.65 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 1000.P | A | 334.0 TO 3256.0 |
| 2.66 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 850.0P | A | 334.0 TO 3256.0 |
| 2.67 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 700.0P | A | 334.0 TO 3256.0 |
| 2.68 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 500.0P | A | 334.0 TO 3256.0 |
| 2.69 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 300.0P | A | 334.0 TO 3256.0 |
| 2.70 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 200.0P | A | 334.0 TO 3256.0 |
| 2.71 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | WIND | 100.0P | A | 334.0 TO 3256.0 |
| 2.72 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 1000.P | A | 334.0 TO 3256.0 |

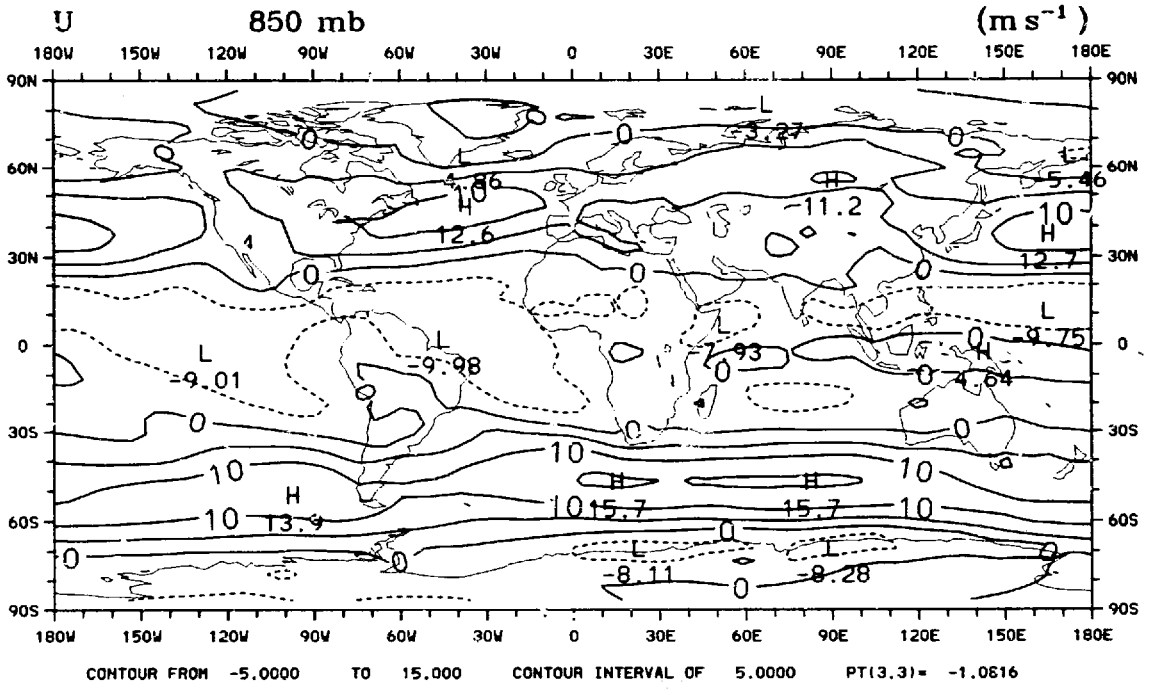
INDEX OF PLOTS FOR DISPOSE GROUP 1

| FRAME | PLOT DESCRIPTION | FIELD | LEVEL | CASE | DAY(S) |
|---|---|---|---|---|---|
| 2.73 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 850.0P | A | 334.0 TO 3256.0 |
| 2.74 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 700.0P | A | 334.0 TO 3256.0 |
| 2.75 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 500.0P | A | 334.0 TO 3256.0 |
| 2.76 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 300.0P | A | 334.0 TO 3256.0 |
| 2.77 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 200.0P | A | 334.0 TO 3256.0 |
| 2.78 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | TFL | 100.0P | A | 334.0 TO 3256.0 |
| 2.79 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 500.0P | A | 334.0 TO 3256.0 |
| 2.80 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 300.0P | A | 334.0 TO 3256.0 |
| 2.81 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | ZFL | 200.0P | A | 334.0 TO 3256.0 |
| 2.82 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 850.0P | A | 334.0 TO 3256.0 |
| 2.83 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 700.0P | A | 334.0 TO 3256.0 |
| 2.84 | Time Avg. Hor. Proj. Vectors 180.0W<lon<180.0E,90.0S<lat<90.0N | QFL | 500.0P | A | 334.0 TO 3256.0 |
| 2.85 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDU | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.86 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDV | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.87 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDW | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.88 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDT | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.89 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDZ | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.90 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDQ | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.91 | Time Avg. Zonal Avg. Lat. Cross Section Contours | SDRH | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.92 | Time Avg. Zonal Avg. Lat. Cross Section Contours | UVS | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.93 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VTS | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.94 | Time Avg. Zonal Avg. Lat. Cross Section Contours | VQS | MULTIPLE | A | 334.0 TO 3256.0 |
| 2.95 | Time Avg. Zonal Avg. Lat. Cross Section Contours | KEP | MULTIPLE | A | 334.0 TO 3256.0 |


EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)
U
1000 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
CONTOUR FROM -5.0000 TO 10.000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= -1.4485

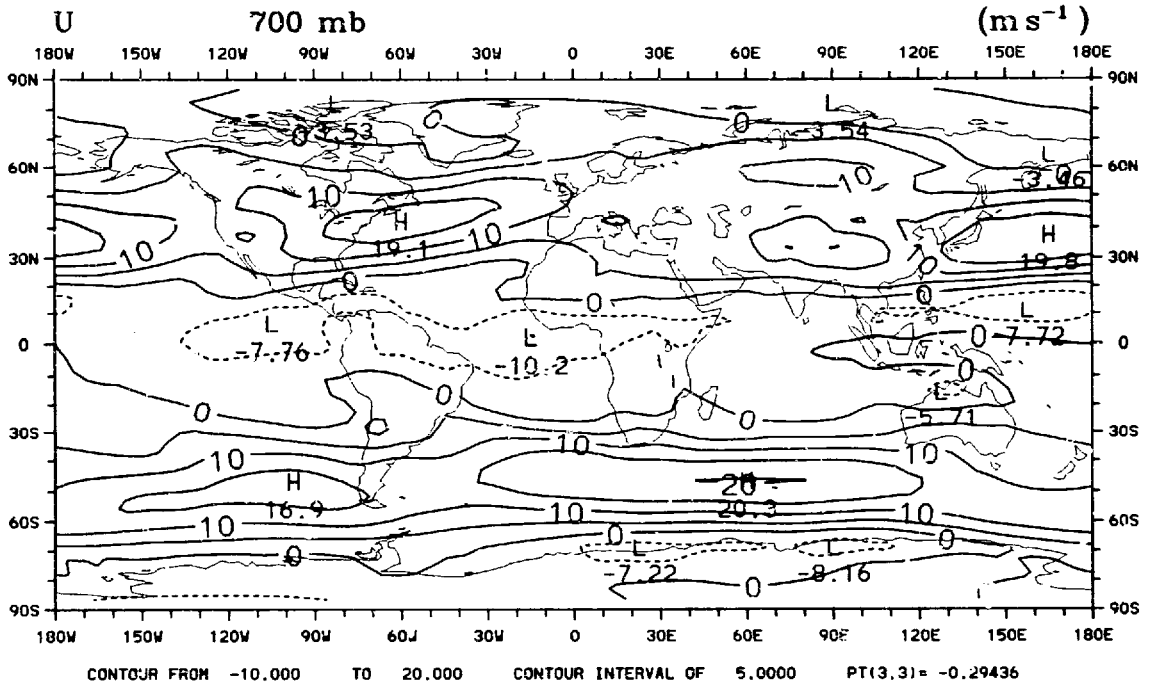
FRAME 1.1

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



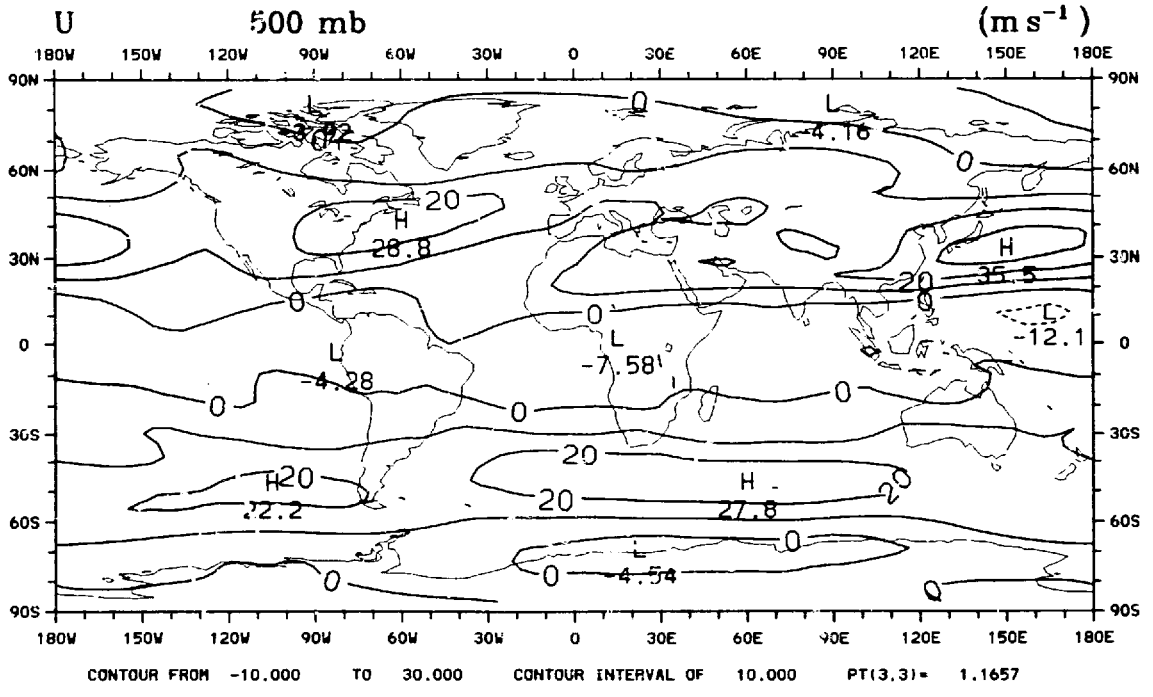

FRAME 1.2

# EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



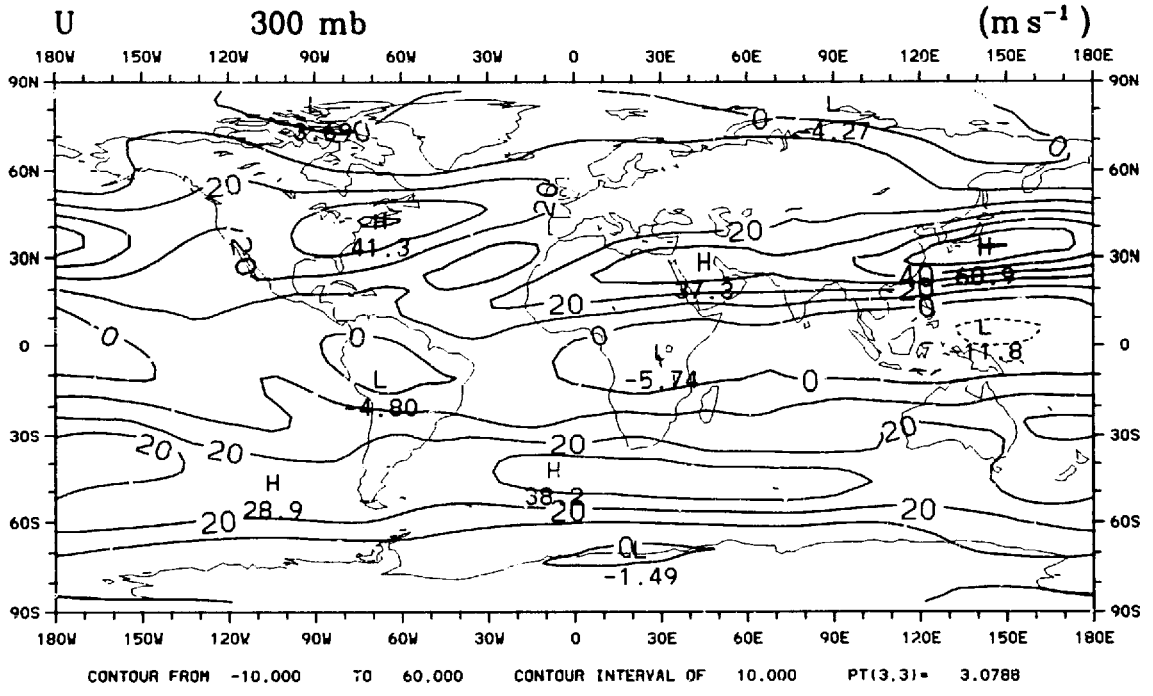

FRAME 1.3

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



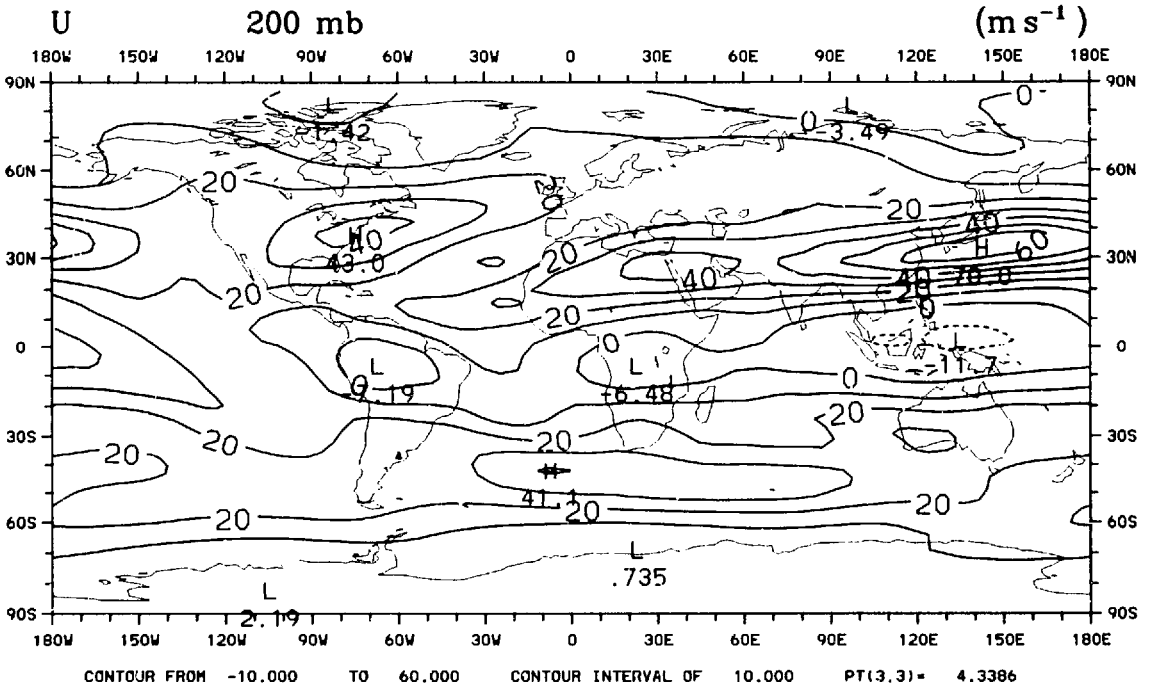

FRAME 1,4

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



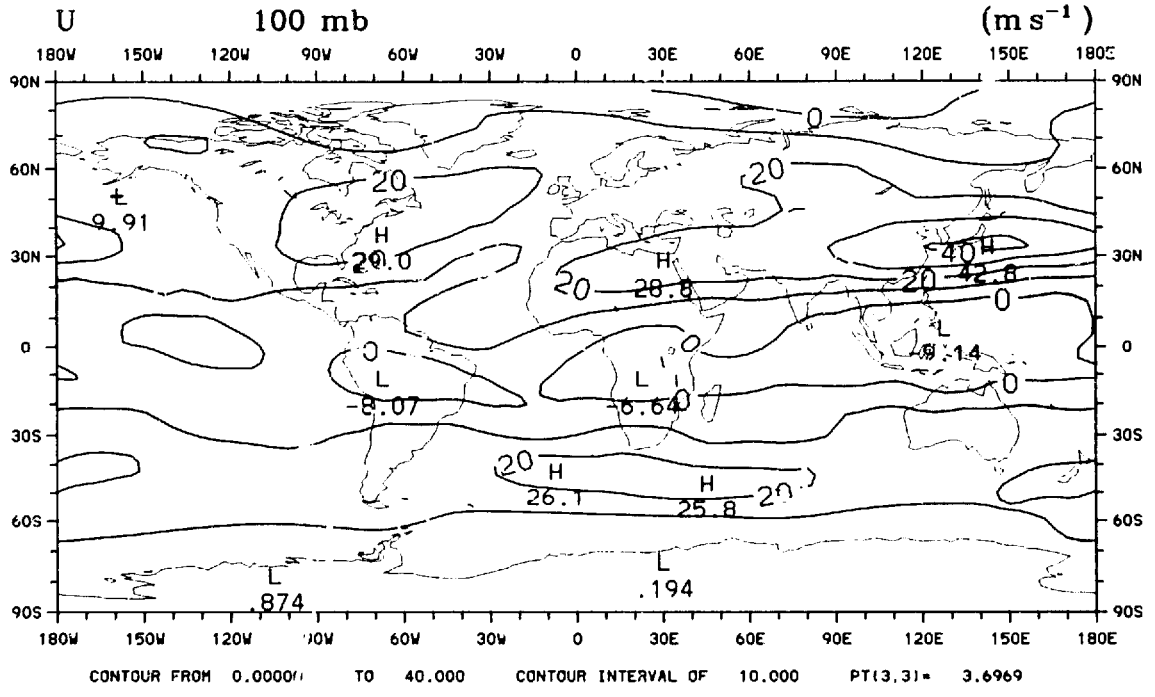

FRAME 1.5

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



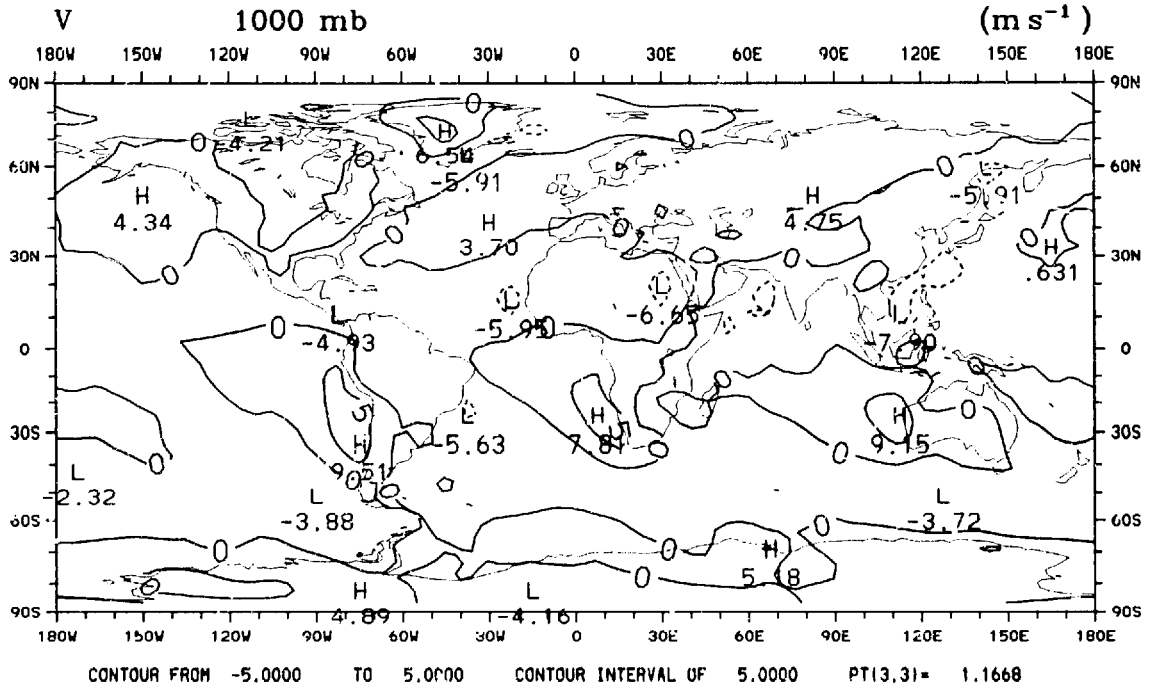

FRAME 1.6

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



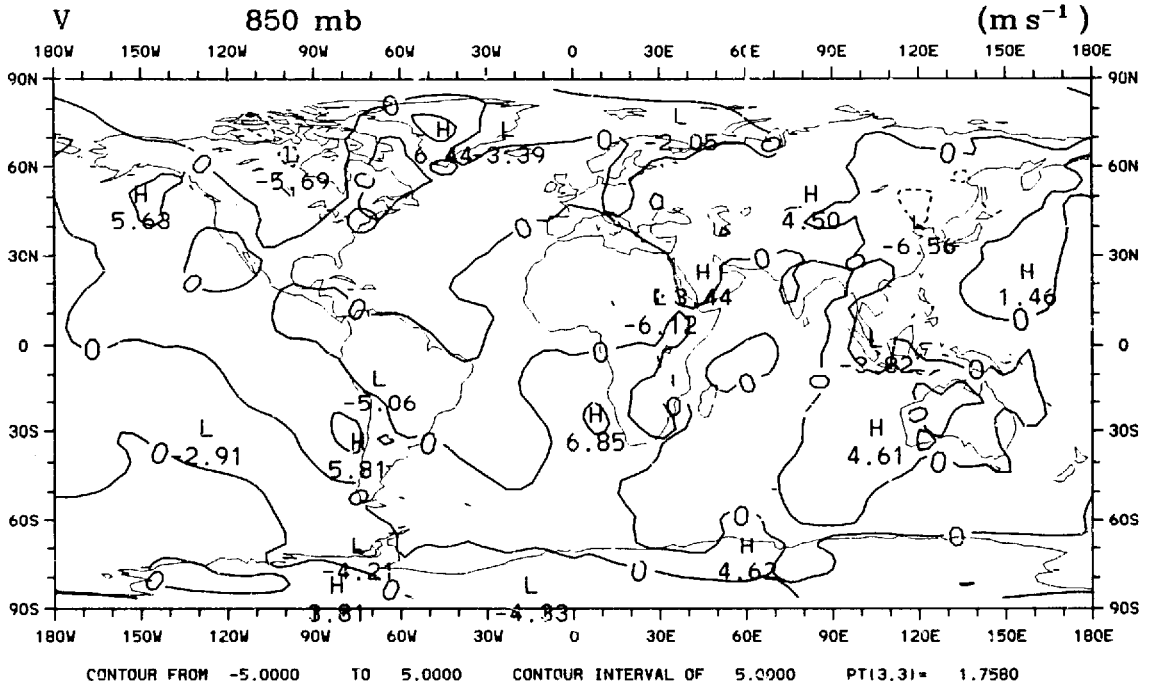

FRAME 1.7

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



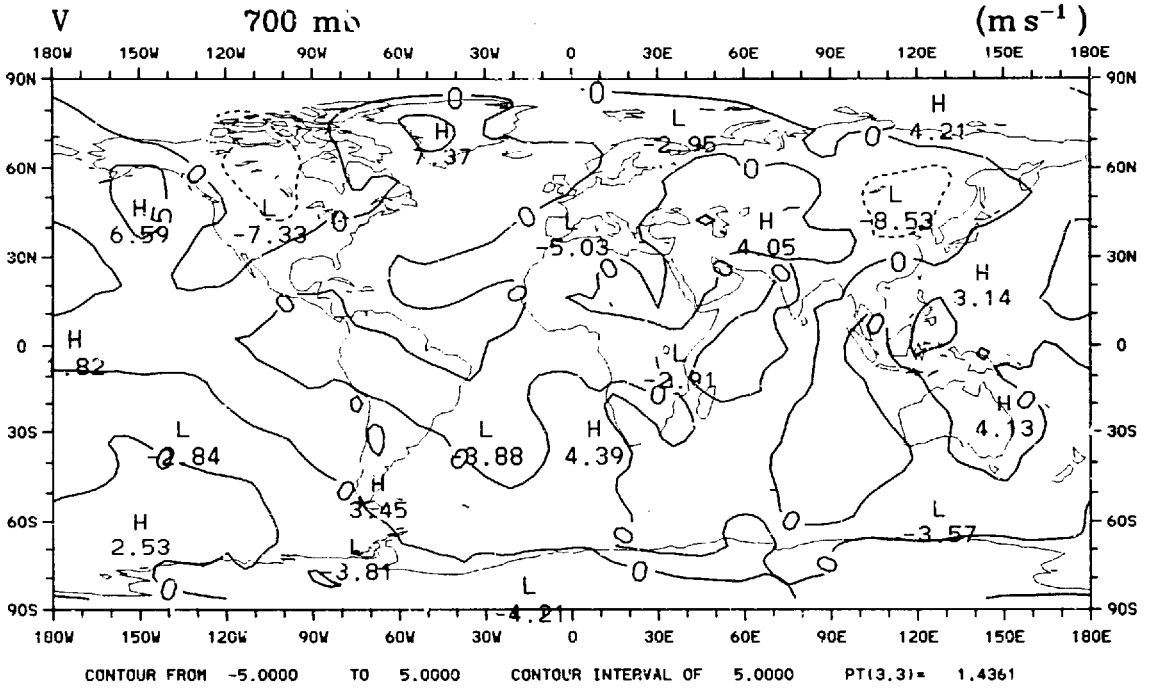

FRAME 1.8

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

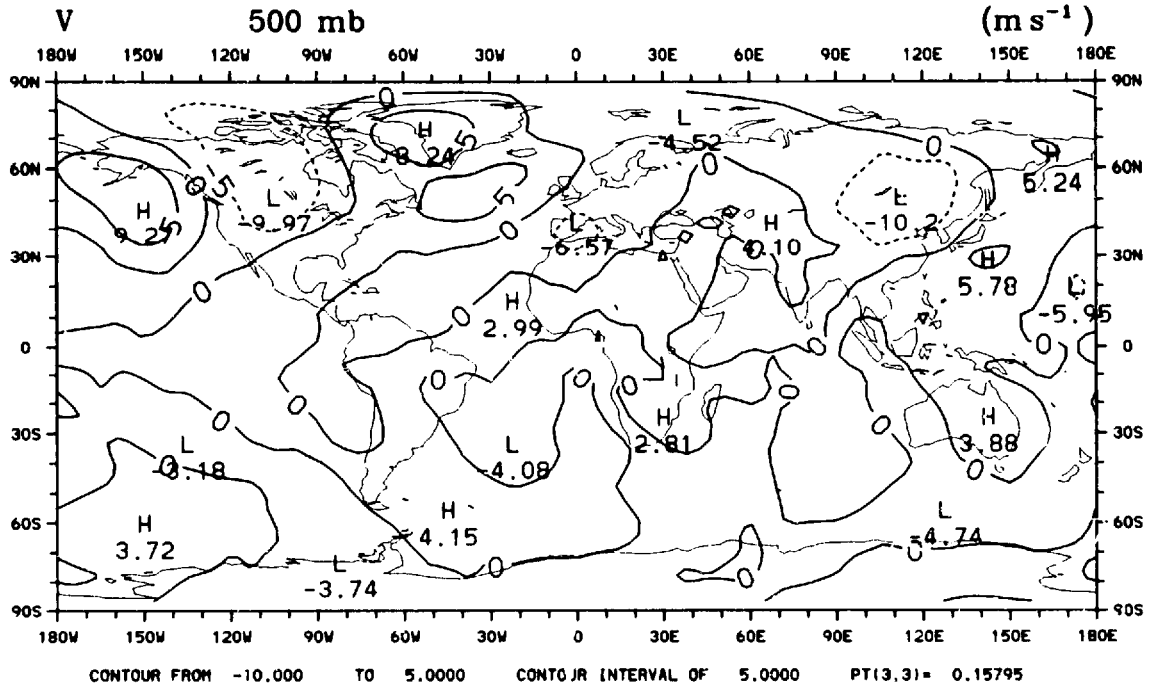



FRAME 1.9

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

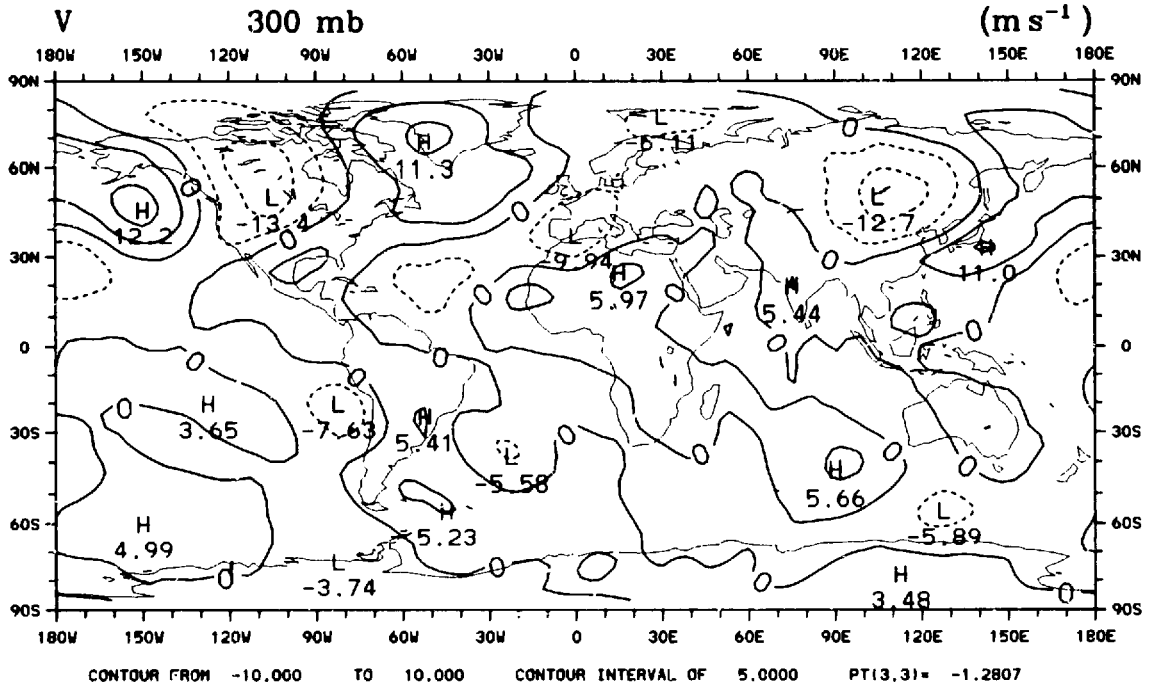



FRAME 1.10


EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)
V
500 mb
(m s-1)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N 60N 30N 0 30S 60S 90S
H 9.25
L -9.97
H 8.24
L -4.52
L -6.57
H 0.10
L -10.2
H 5.24
H 5.78
L -5.95
H 2.99
H 2.81
L 4.08
L 0.18
H 3.72
L -3.74
H 4.15
H 3.88
L 4.74
CONTOUR FROM -10.000 TO 5.0000 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 0.15795

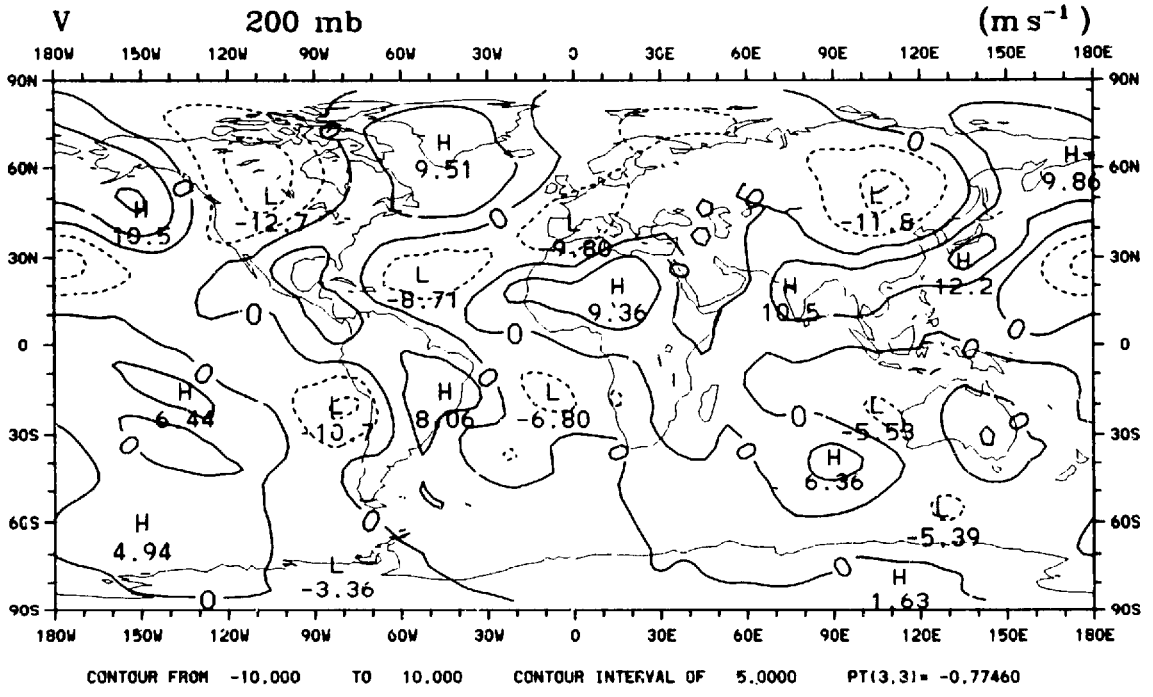
FRAME 1.11

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



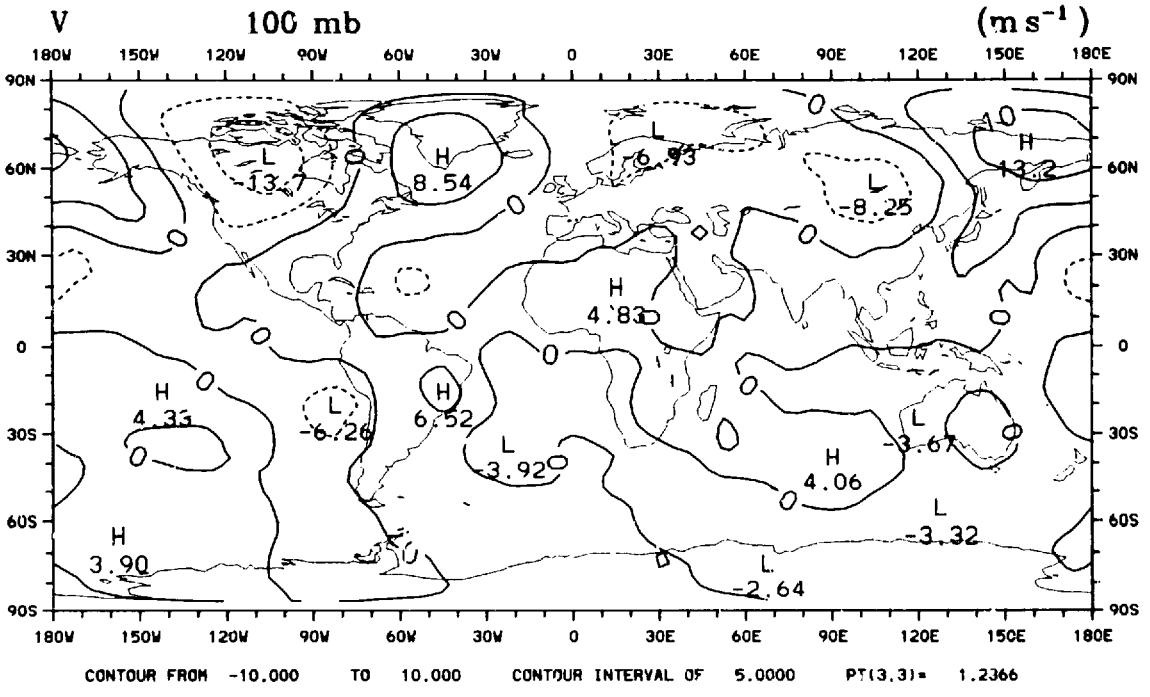

FRAME 1.12

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



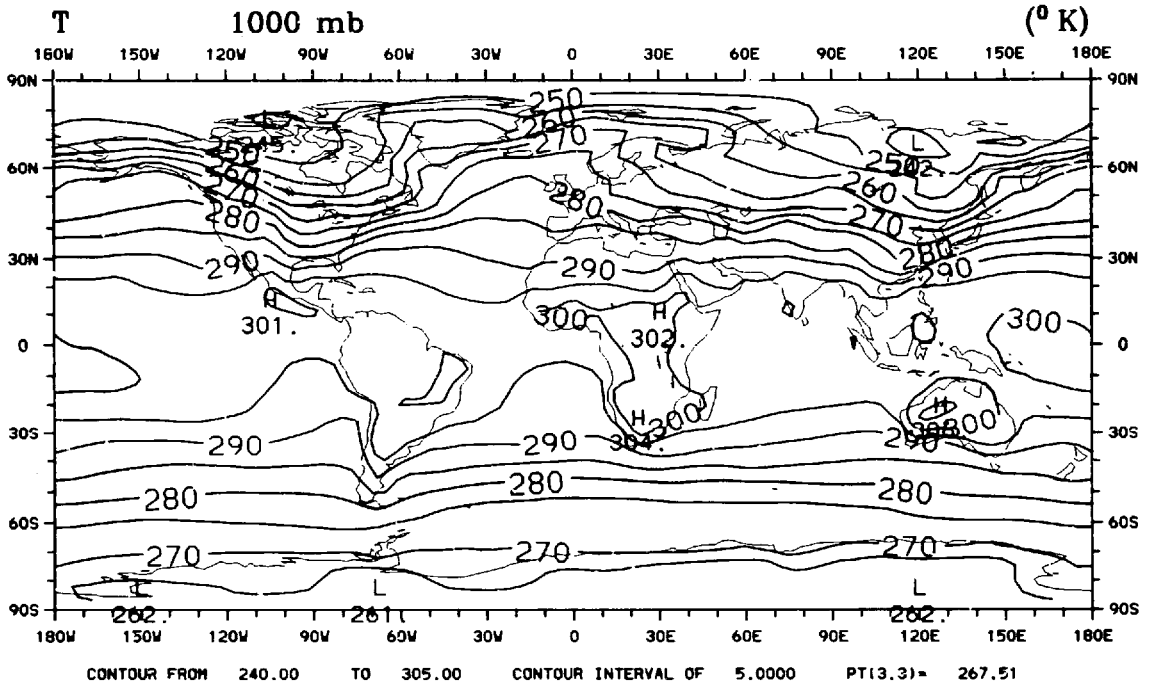

FRAME 1.13

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



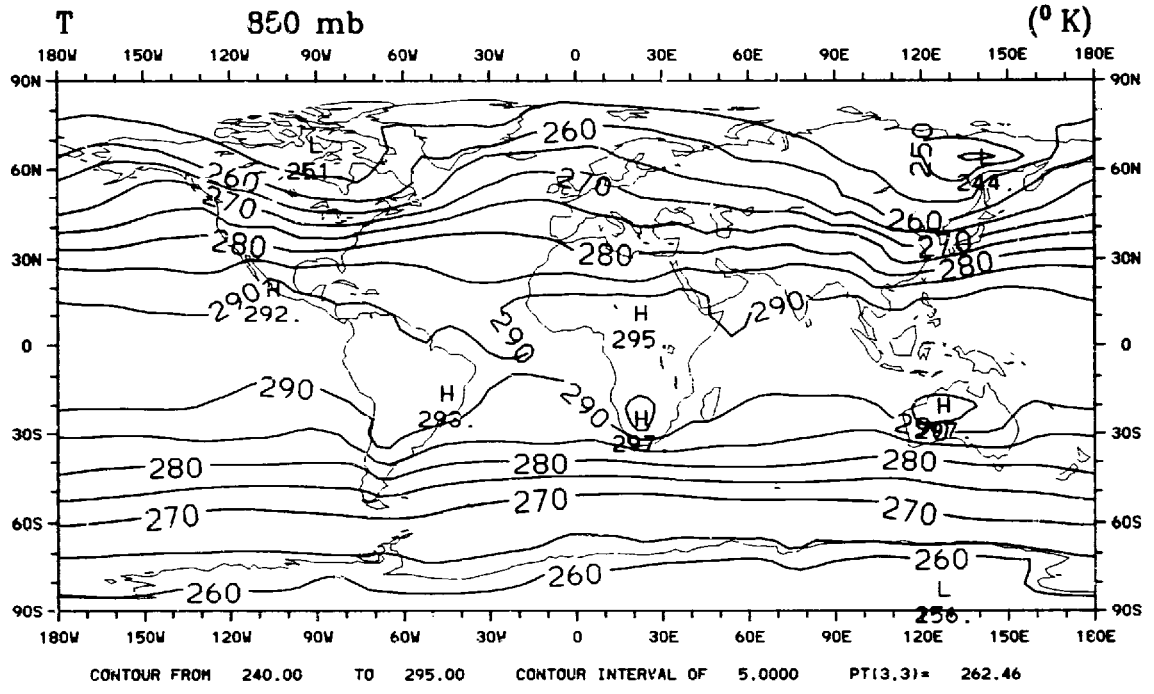

FRAME 1.14

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



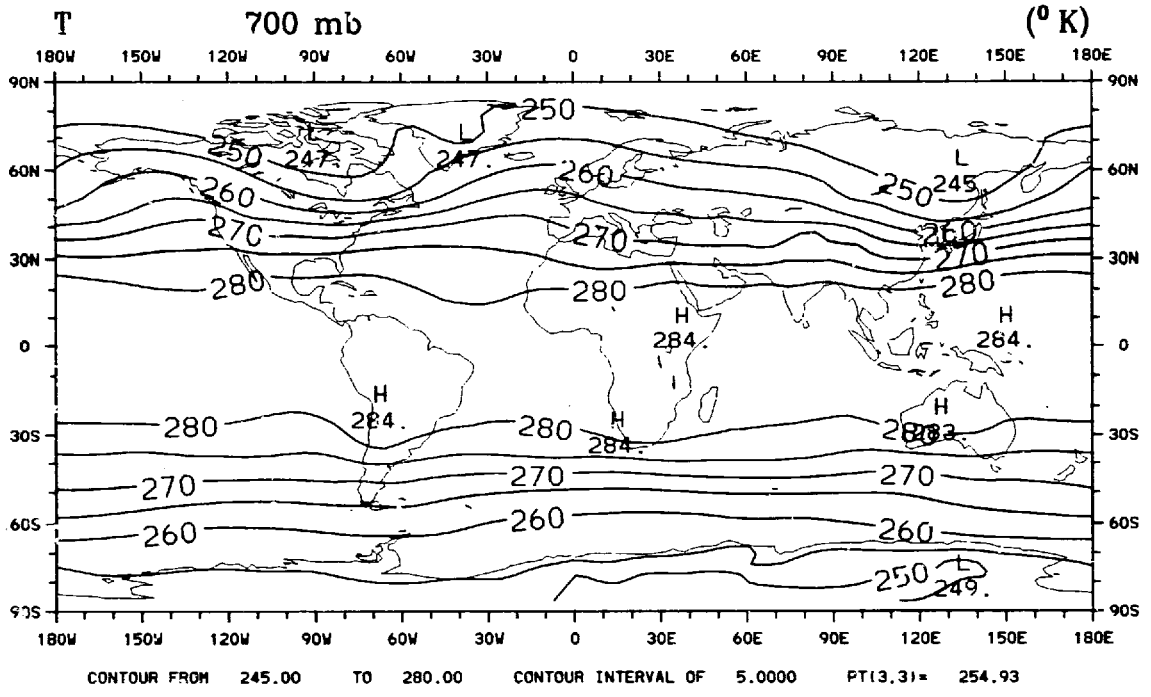

FRAME 1.15

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



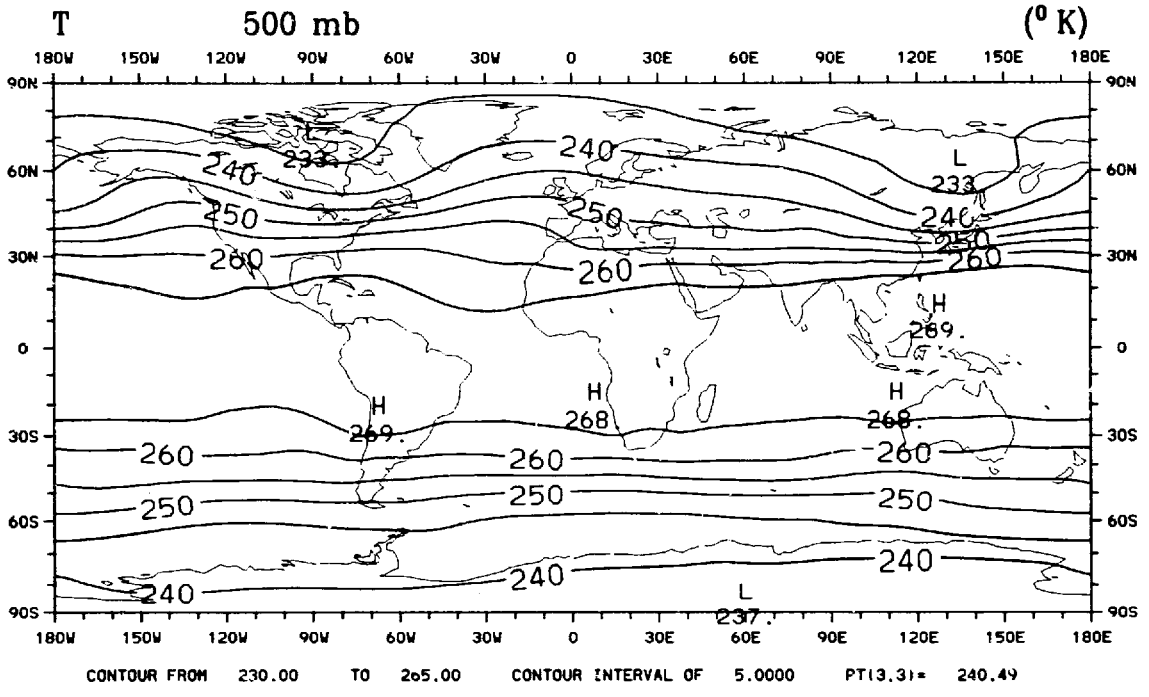

FRAME 1.16

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



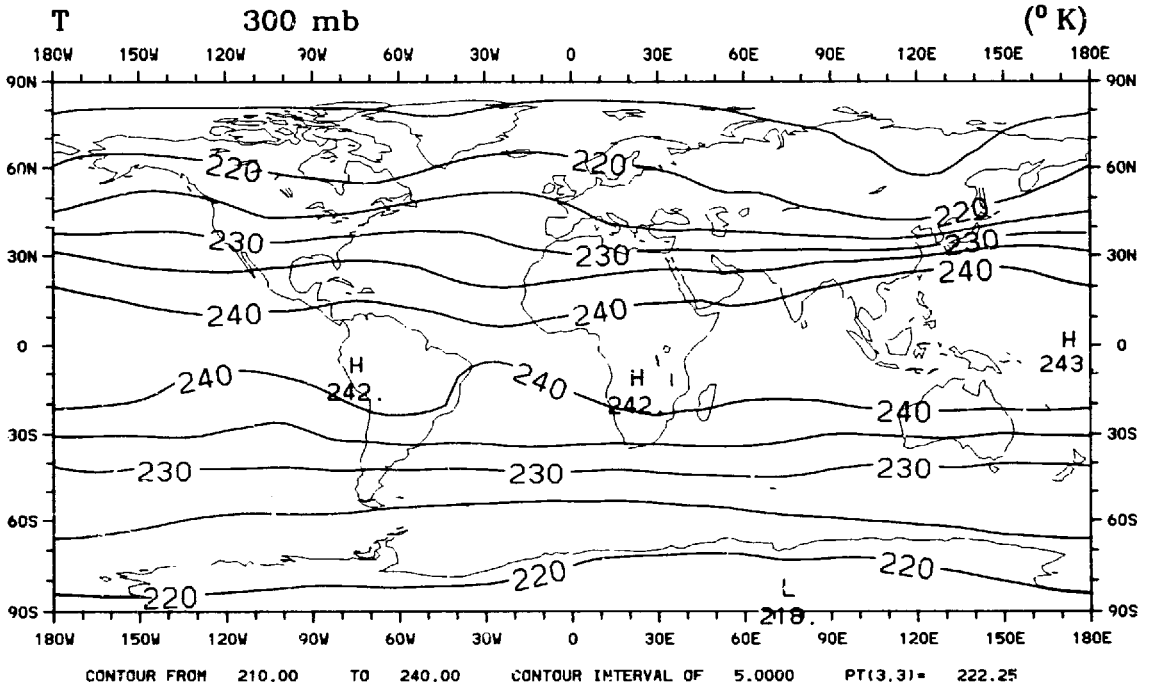

FRAME 1.17

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



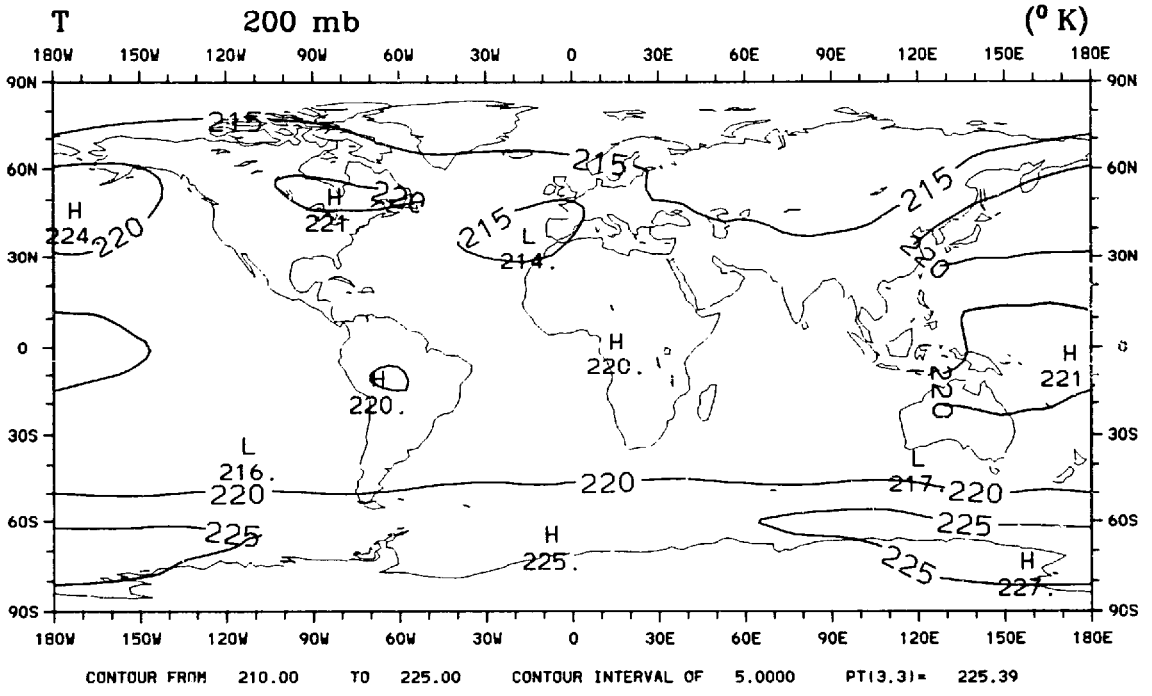

FRAME 1.18

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



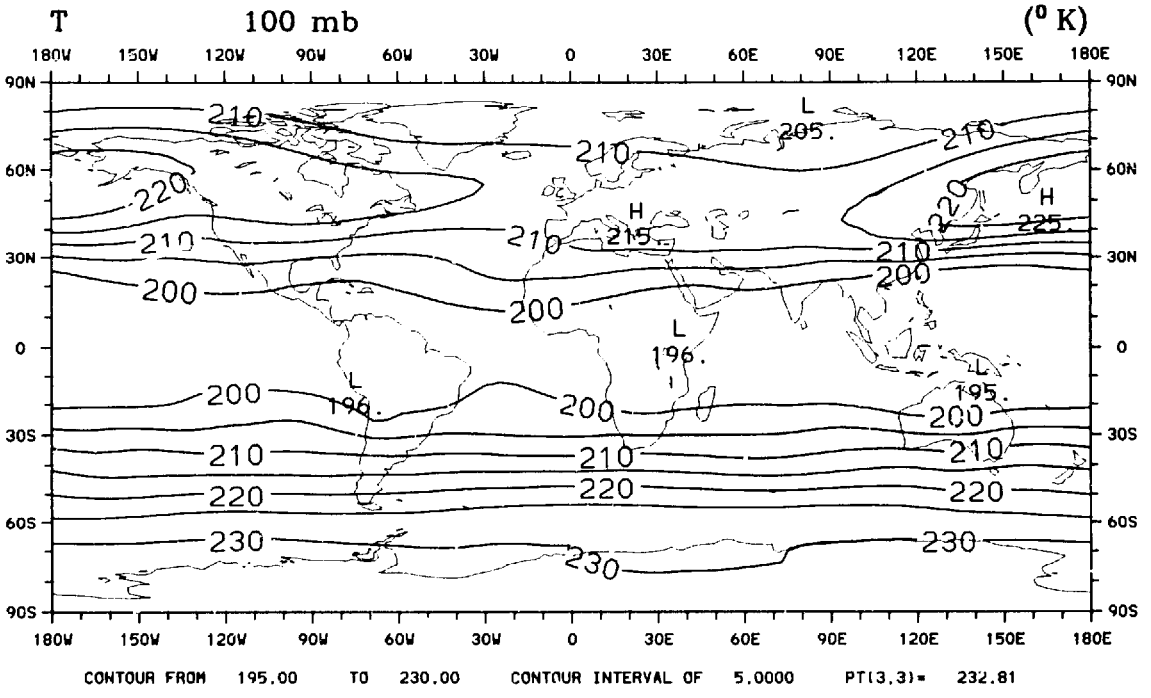

FRAME 1.19

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



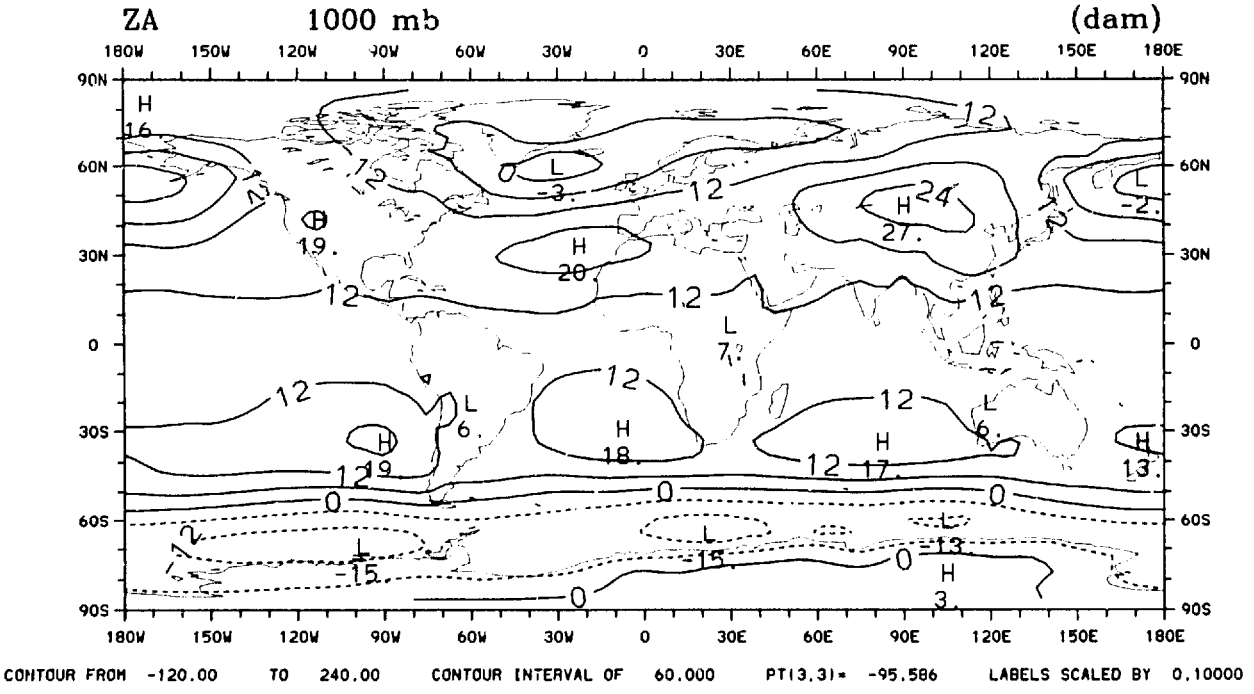

FRAME 1.20

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.21

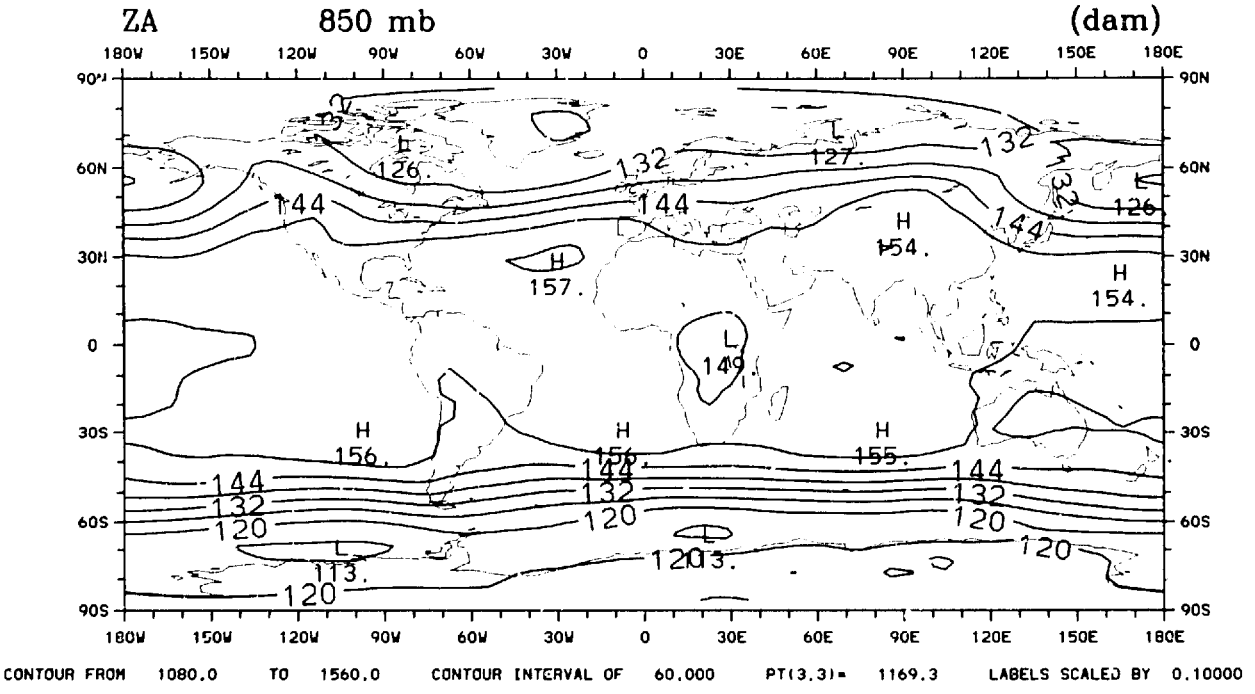
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -120.00 TO 240.00 CONTOUR INTERVAL OF 60.000 PT(3,3)= -95.586 LABELS SCALED BY 0.10000

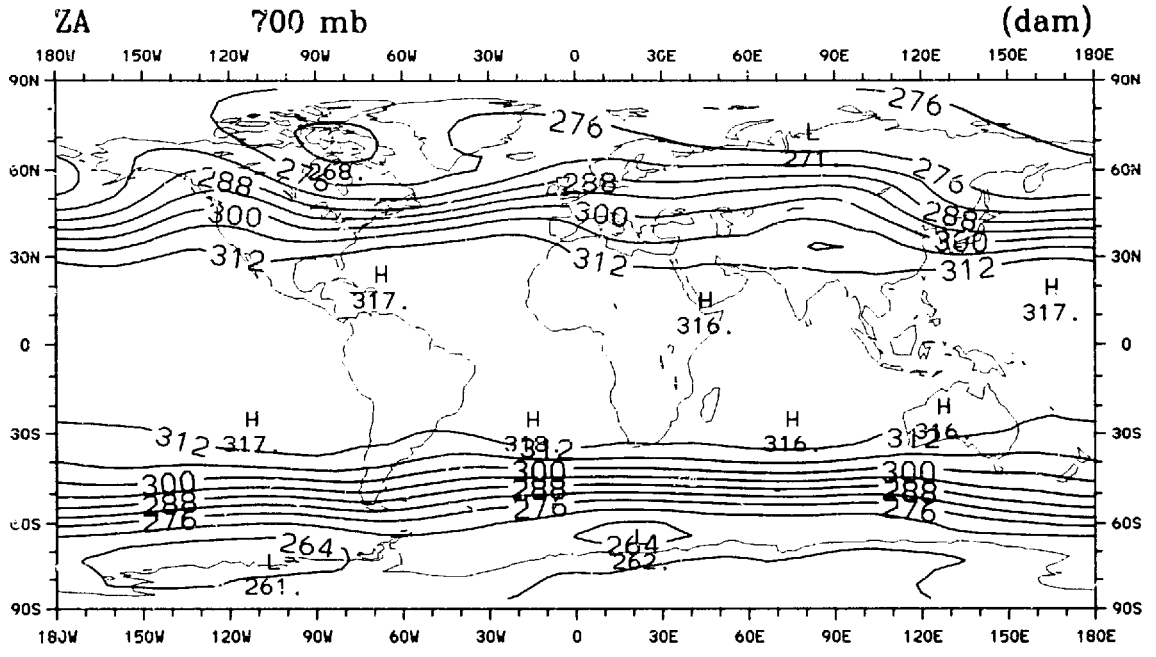
FRAME 1.22

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



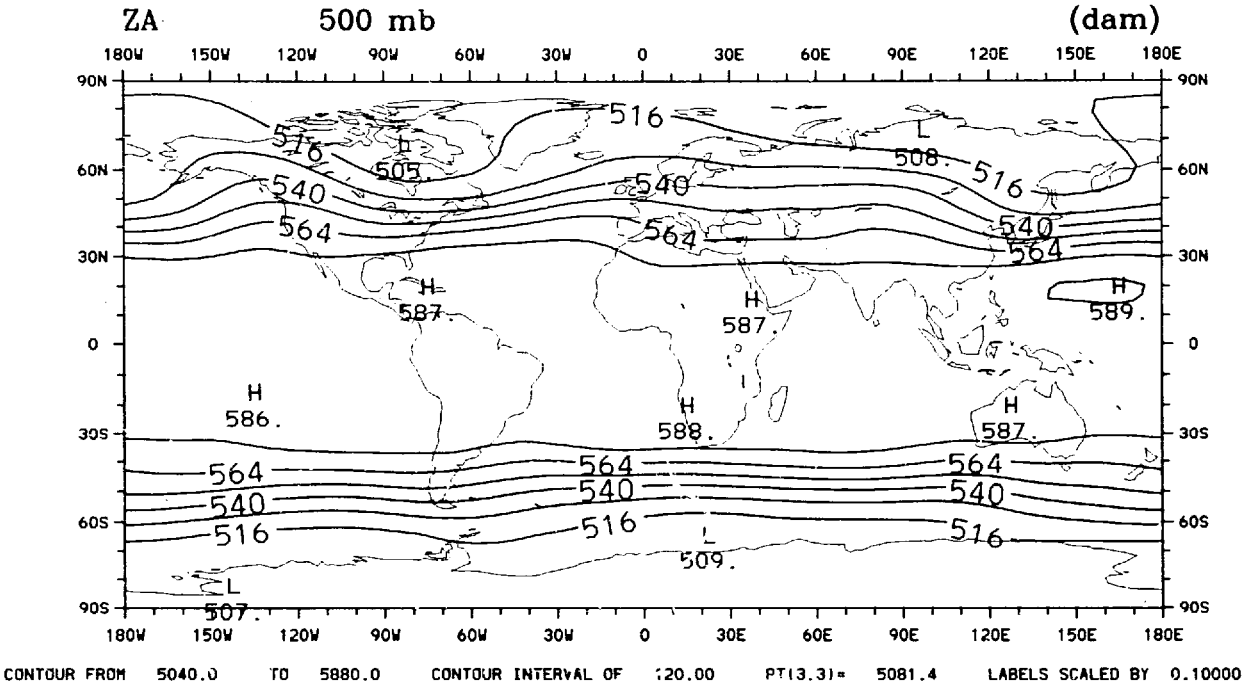

FRAME 1.23

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



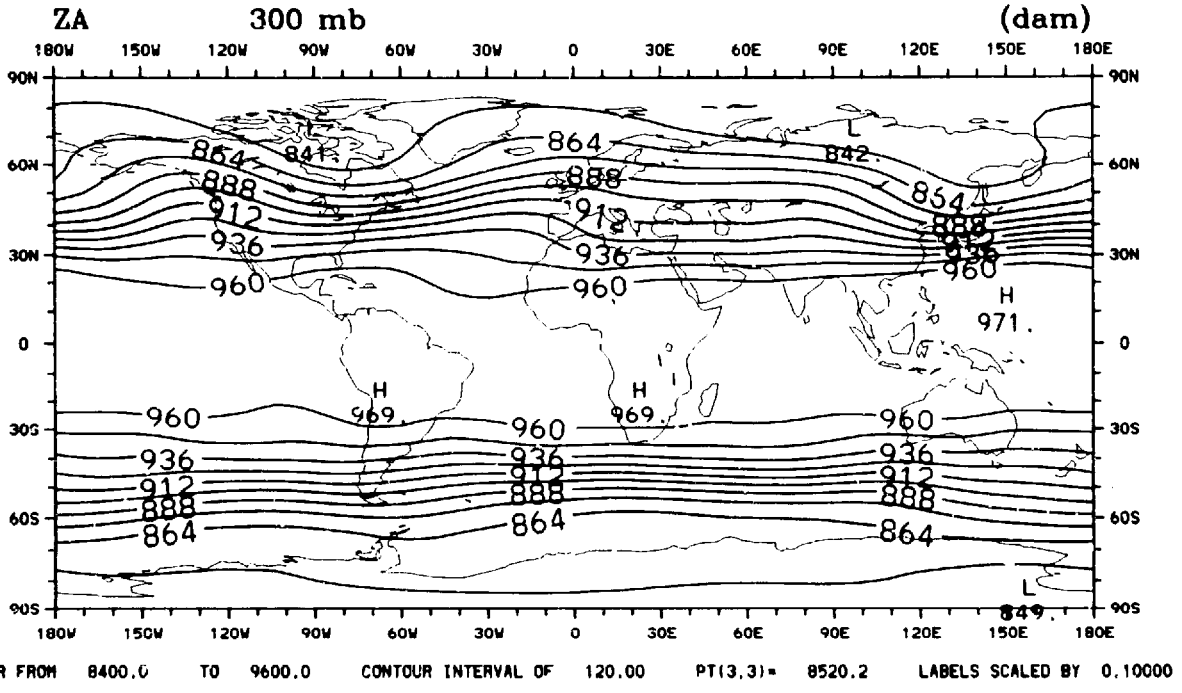

FRAME 1.24

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.25

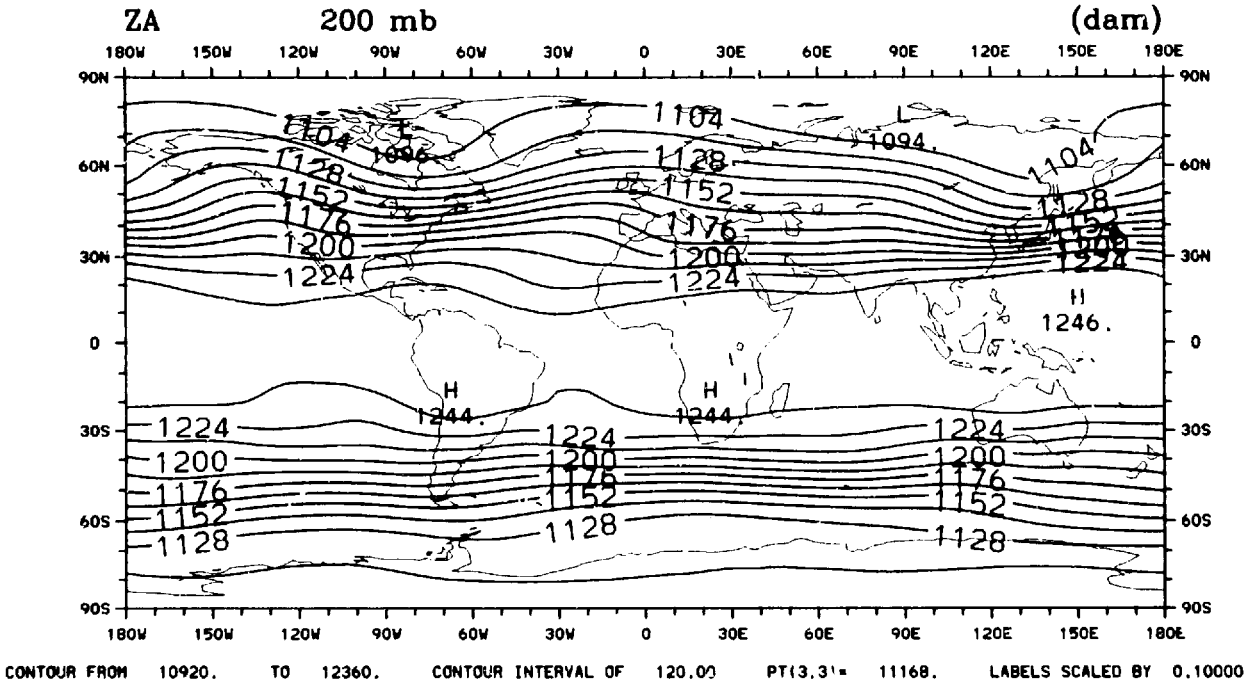
# EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 8400.0 TO 9600.0 CONTOUR INTERVAL OF 120.00 PT(3,3)= 8520.2 LABELS SCALED BY 0.10000

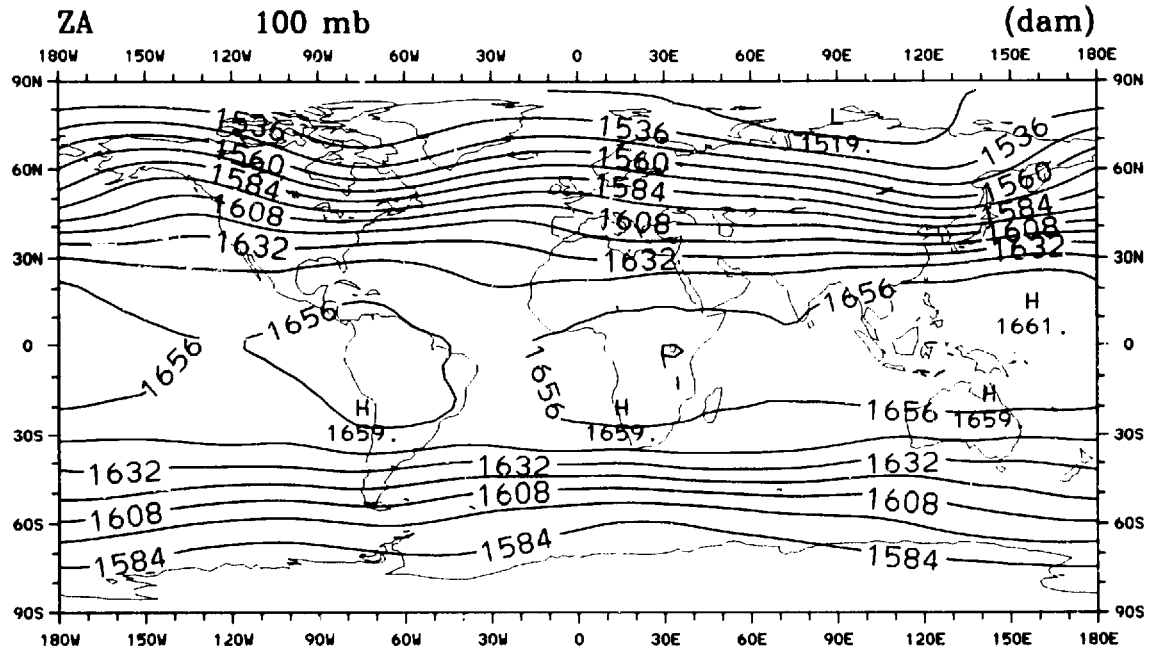
FRAME 1.26

# EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.27

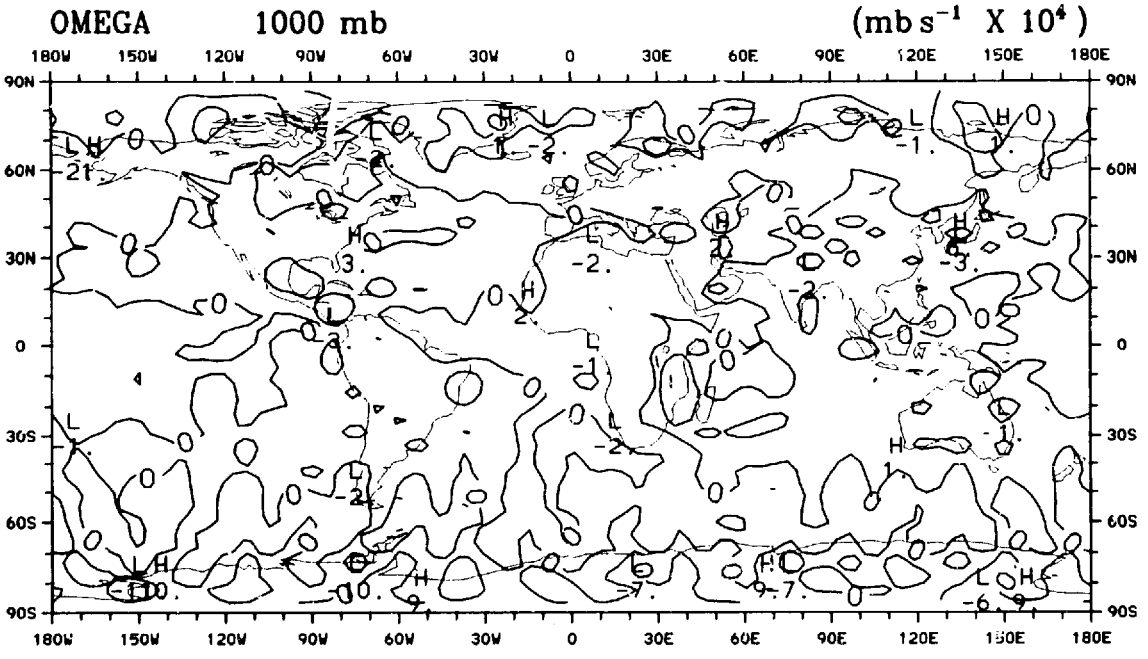
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 15120. TO 16560. CONTOUR INTERVAL OF 120.00 PT(3,3)= 15814. LABELS SCALED BY 0.10000

FRAME 1.28

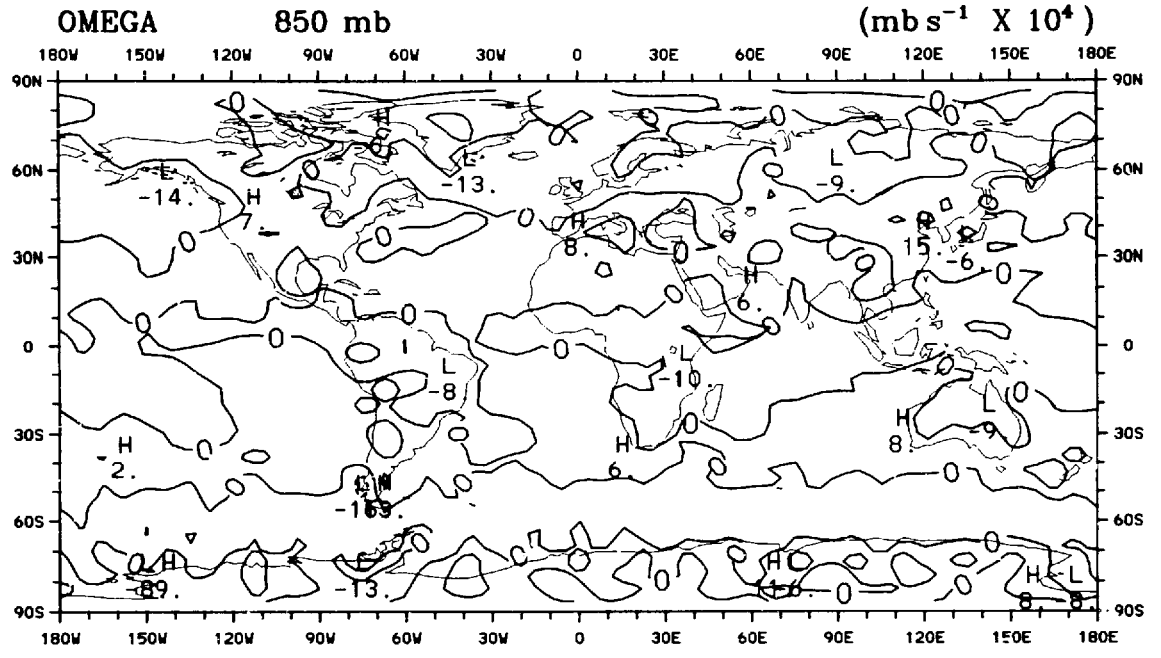
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -0.10000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.44055E-01 LABELS SCALED BY 100.00

FRAME 1,29

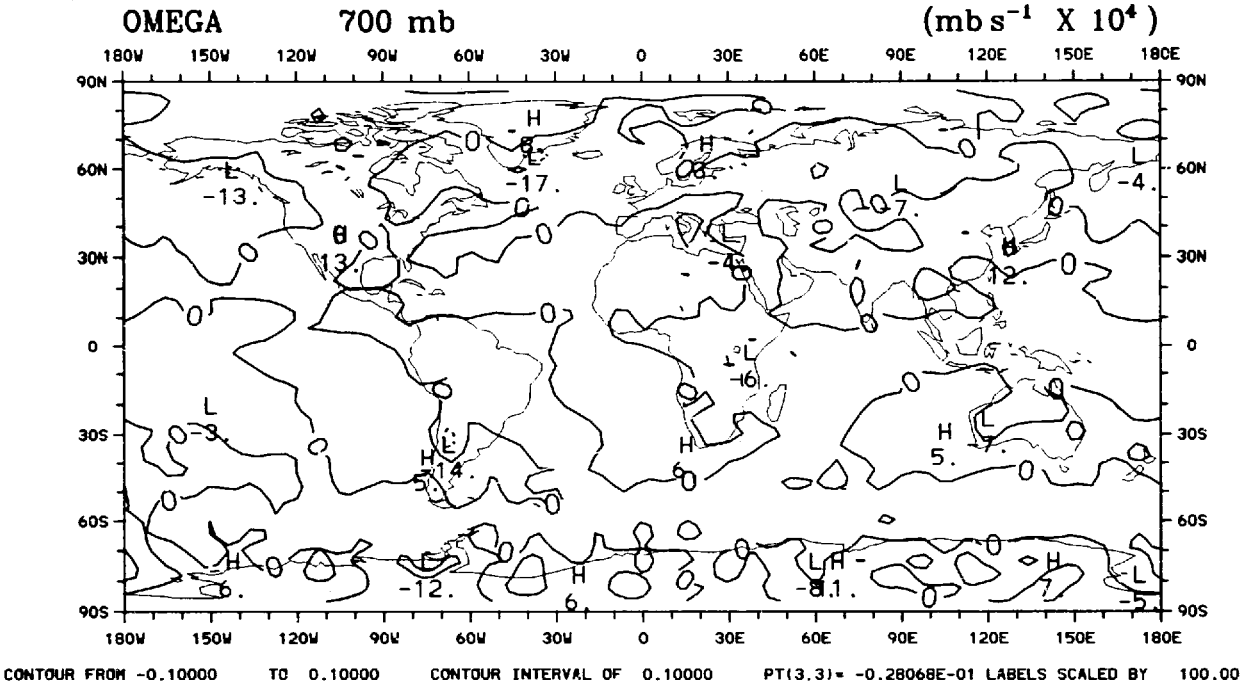
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -0.10000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.34523E-01 LABELS SCALED BY 100.00

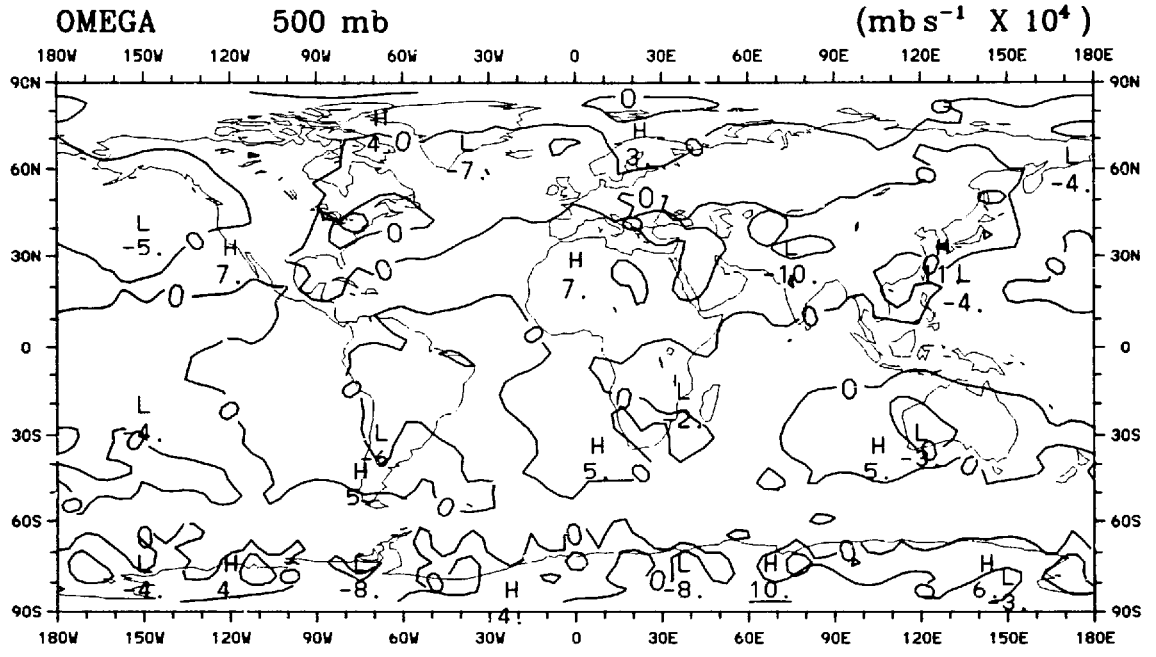
FRAME 1.30

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.31

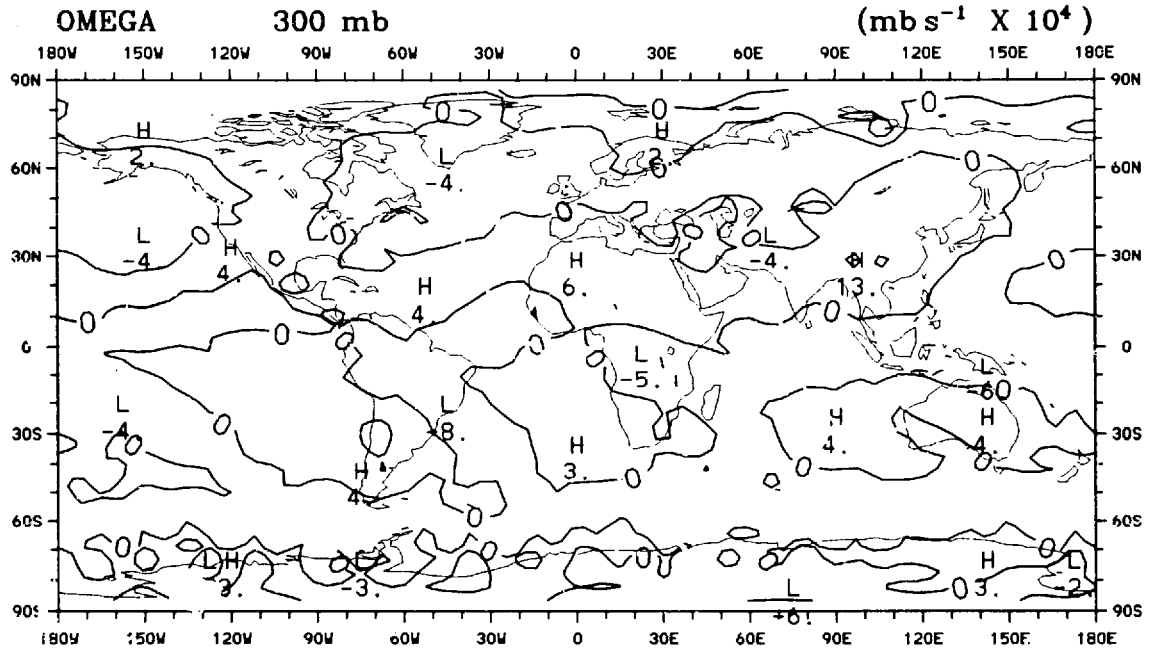
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.19023E-01 LABELS SCALED BY 100.00

FRAME 1.32

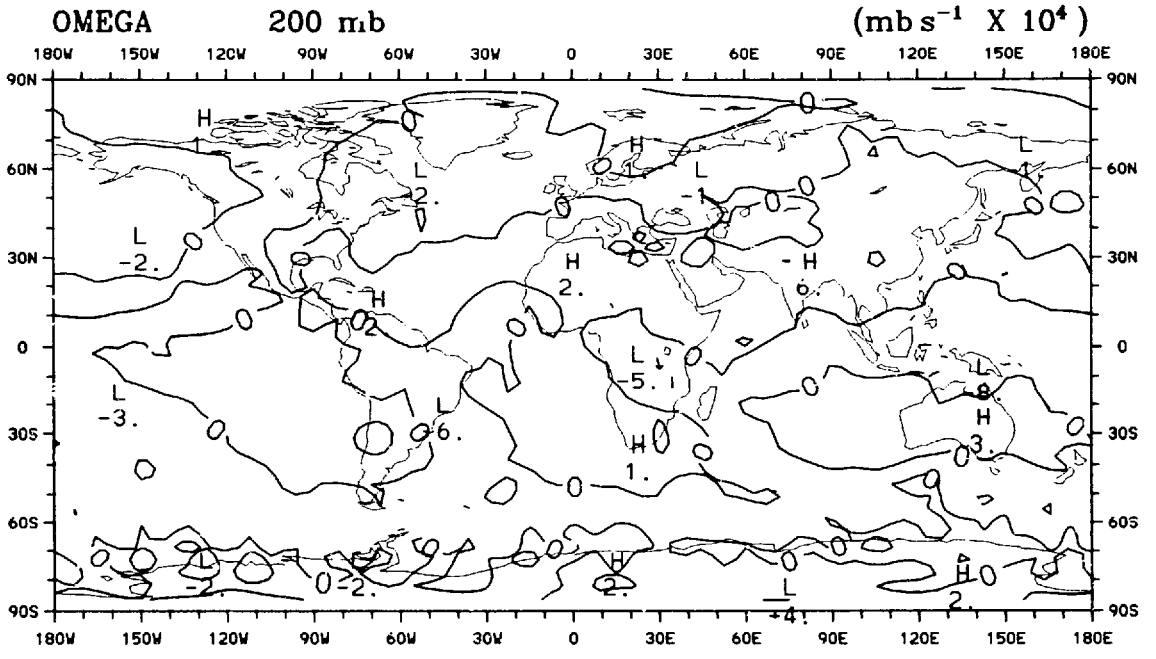
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.13406E-01 LABELS SCALED BY 100.00

FRAME 1.33

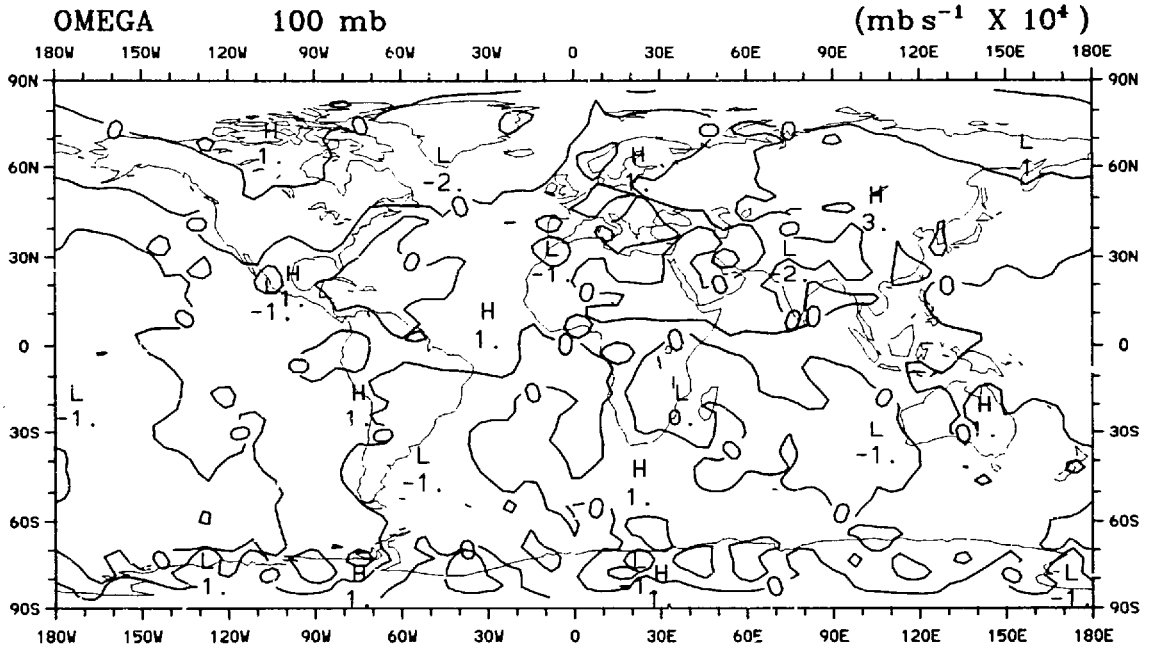
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.61951E-02 LABELS SCALED BY 100.00

FRAME 1.34

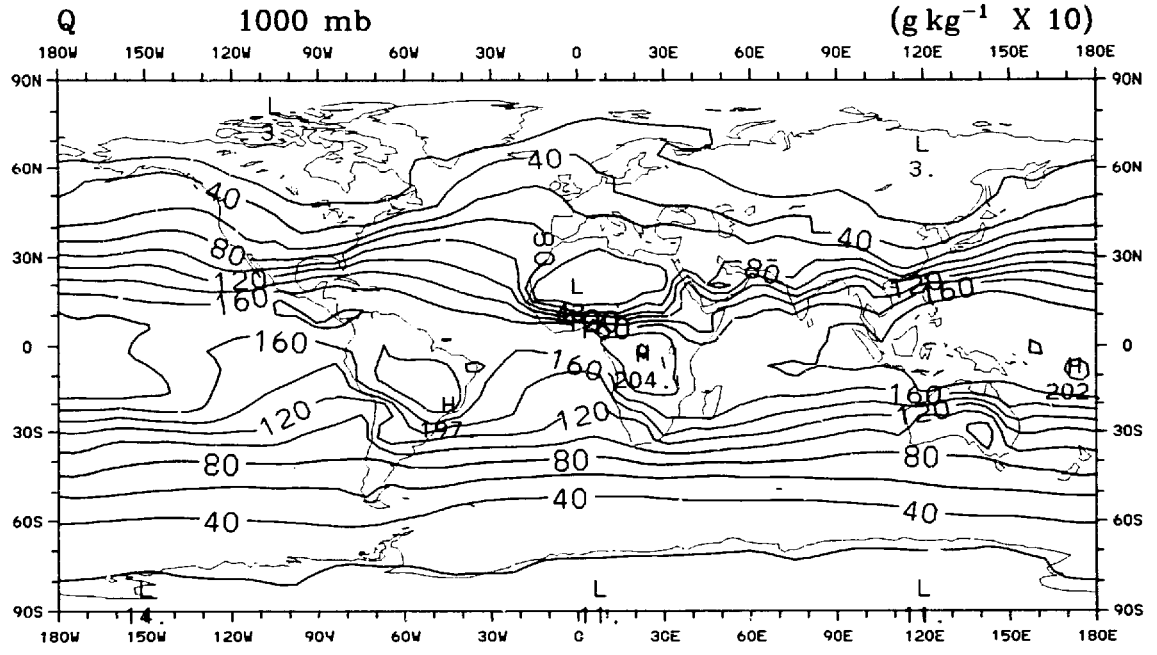
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000 PT(3,3)= -0.70327E-02 LABELS SCALED BY 100.00

FRAME 1.35

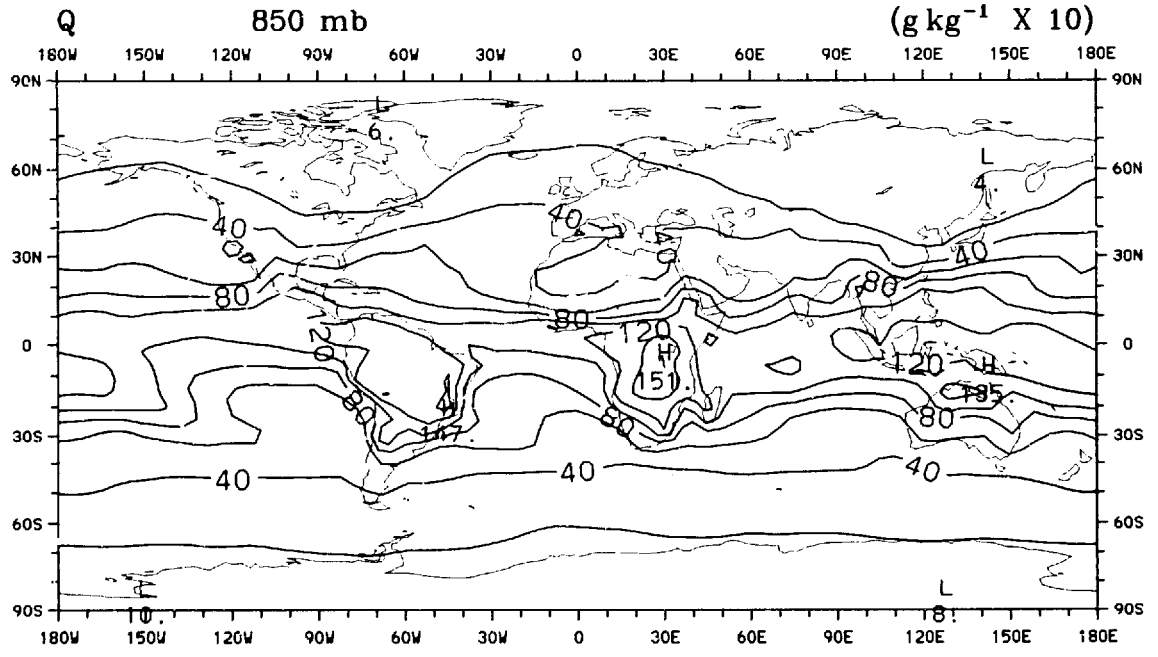
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.20000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.20974E-02 LABELS SCALED BY 10000.

FRAME 1.36

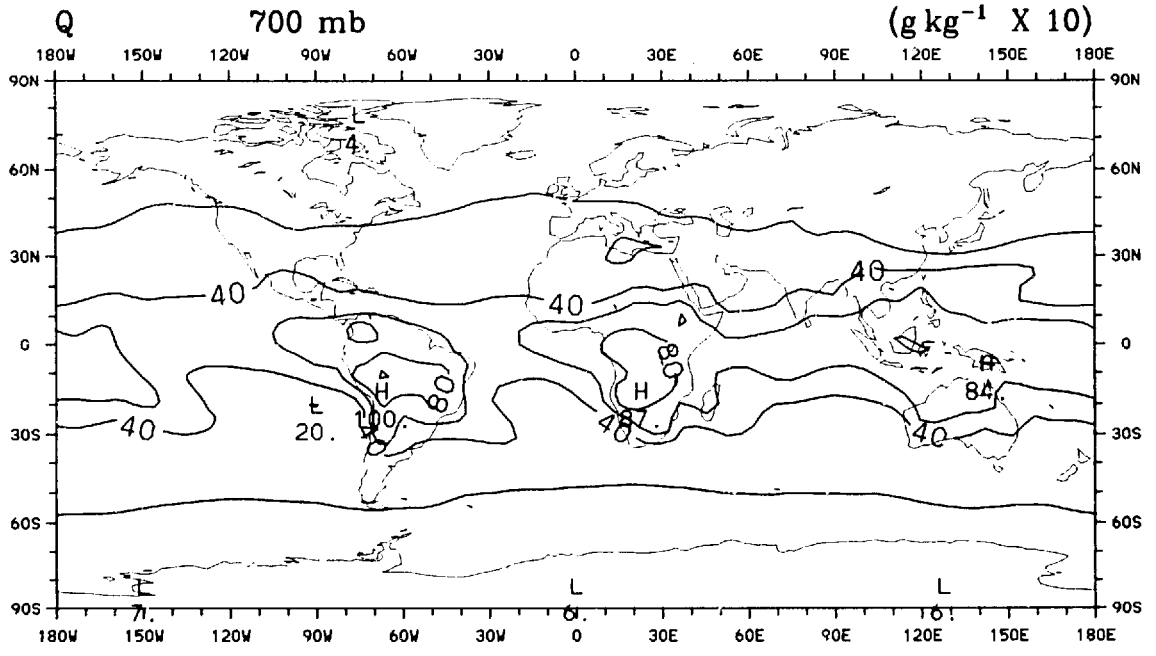
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.12200E-02 LABELS SCALED BY 10000.

FRAME 1.37

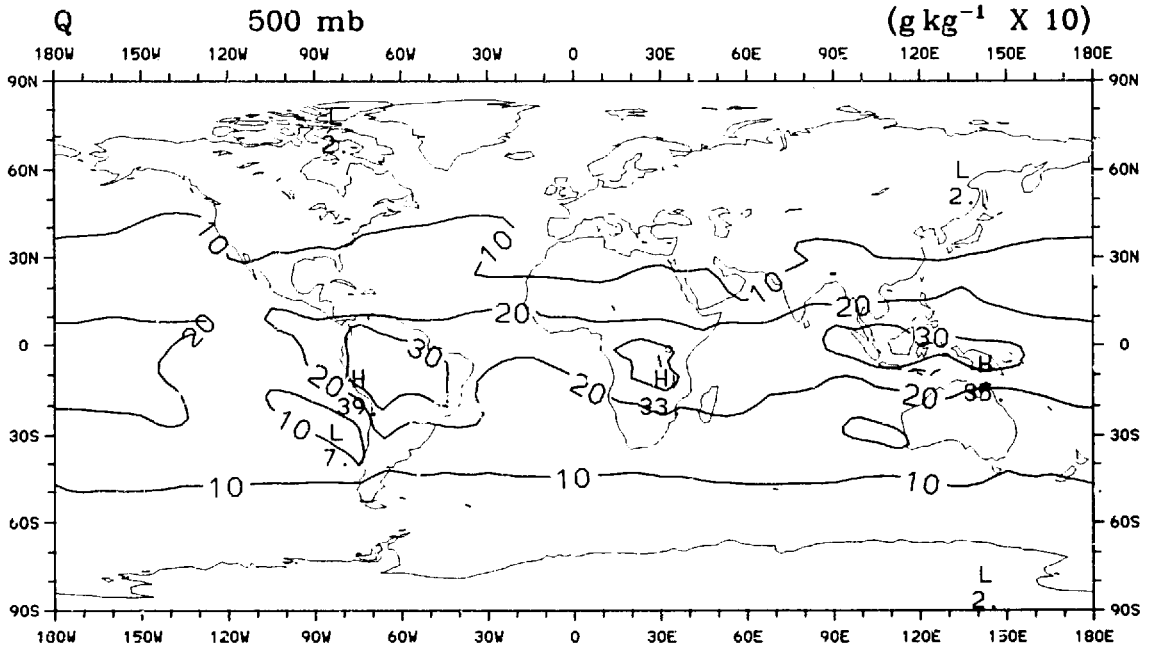
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.83714E-03 LABELS SCALED BY 10000.

FRAME 1.38

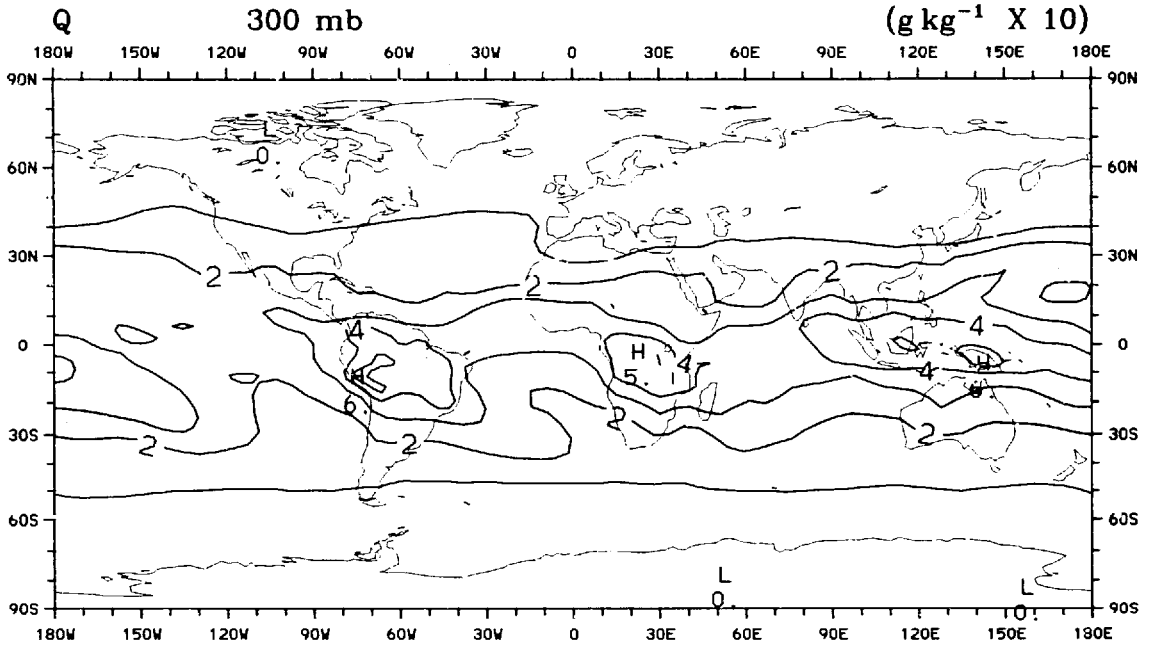
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.30000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= 0.31996E-03 LABELS SCALED BY 10000.

FRAME 1.39

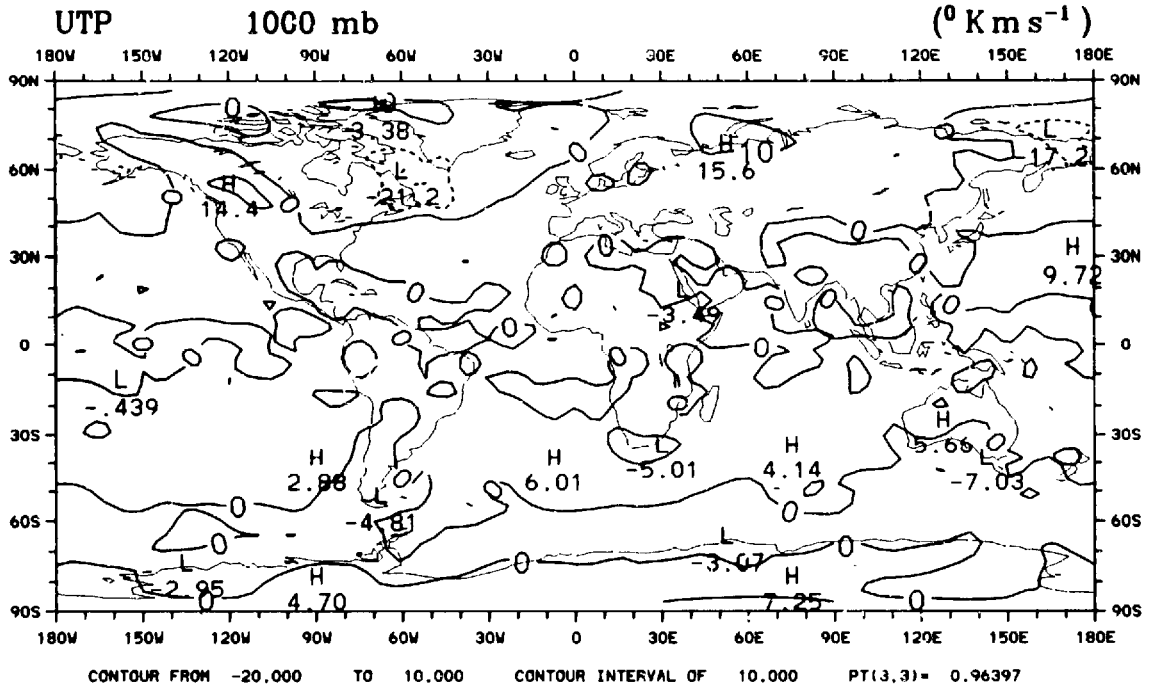
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.50000E-03 CONTOUR INTERVAL OF 0.10000E-03 PT(3,3)= 0.39623E-04 LABELS SCALED BY 10000.

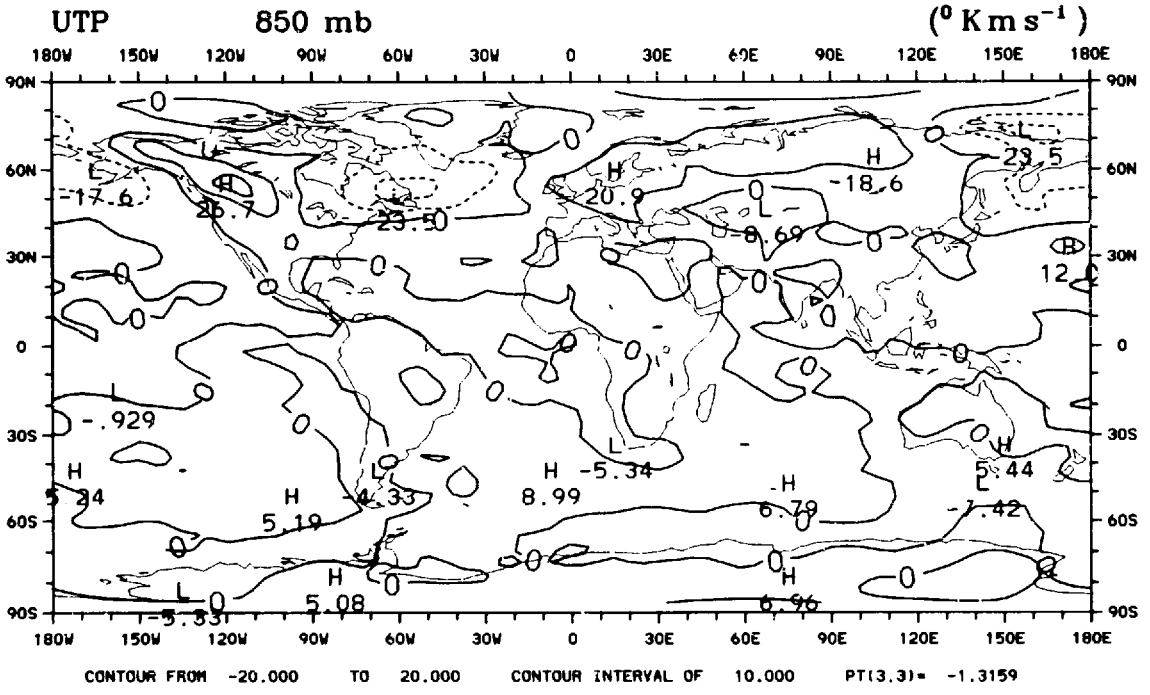
FRAME 1.40

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



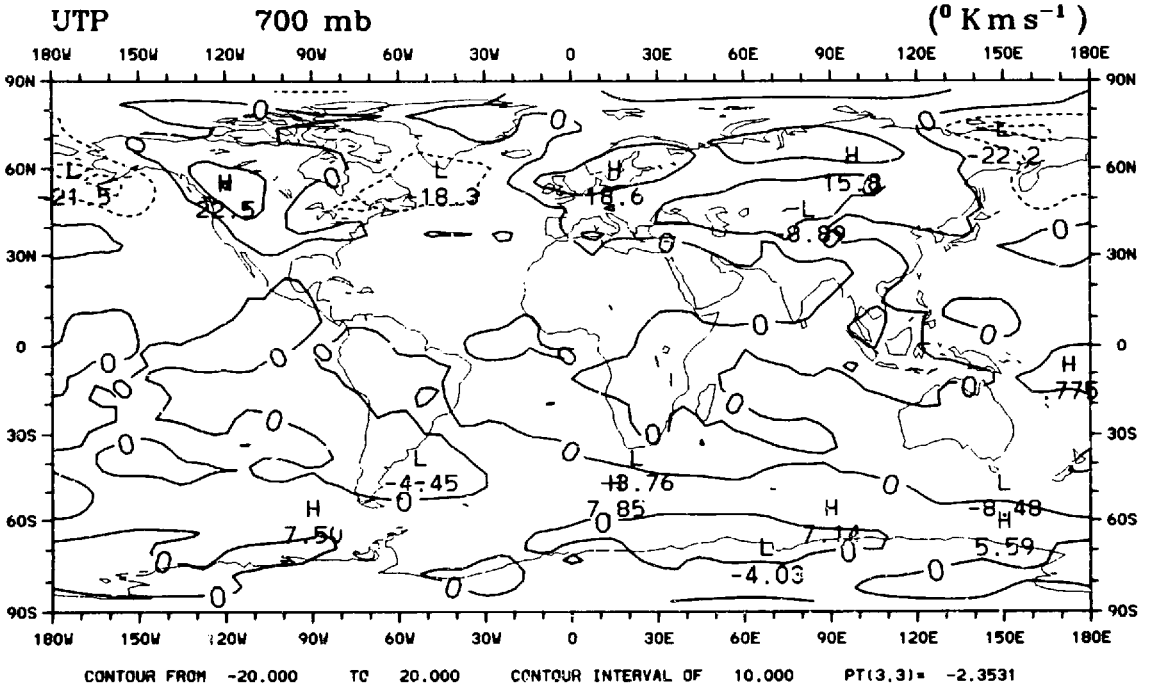

FRAME 1.41

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



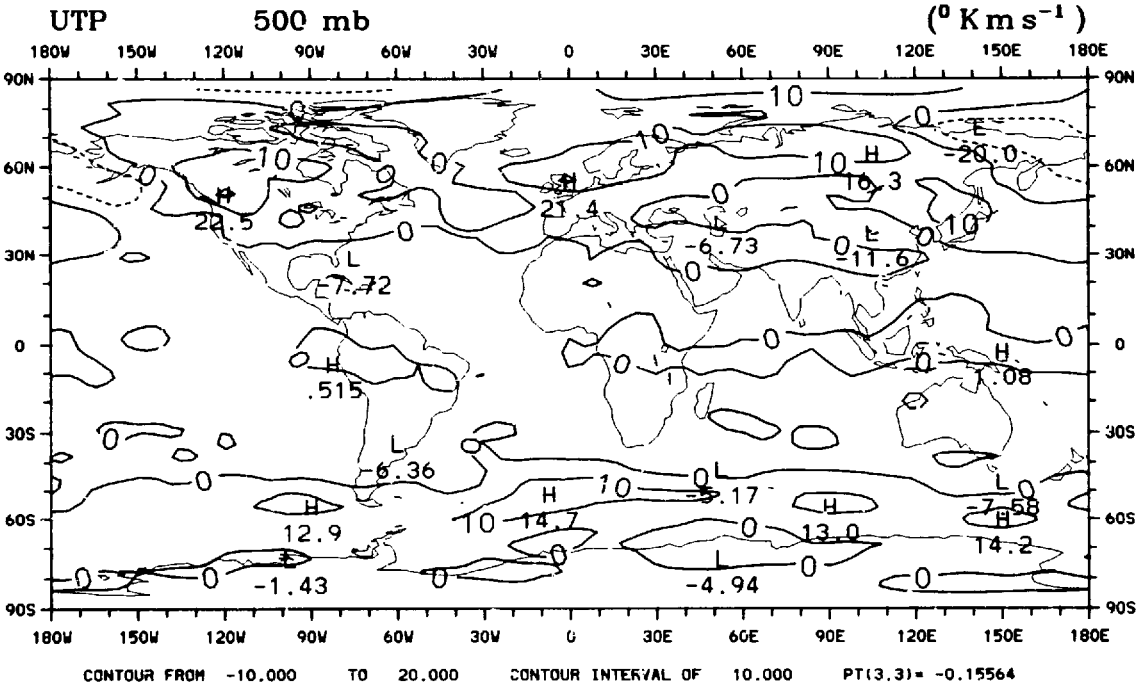

FRAME 1.42

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



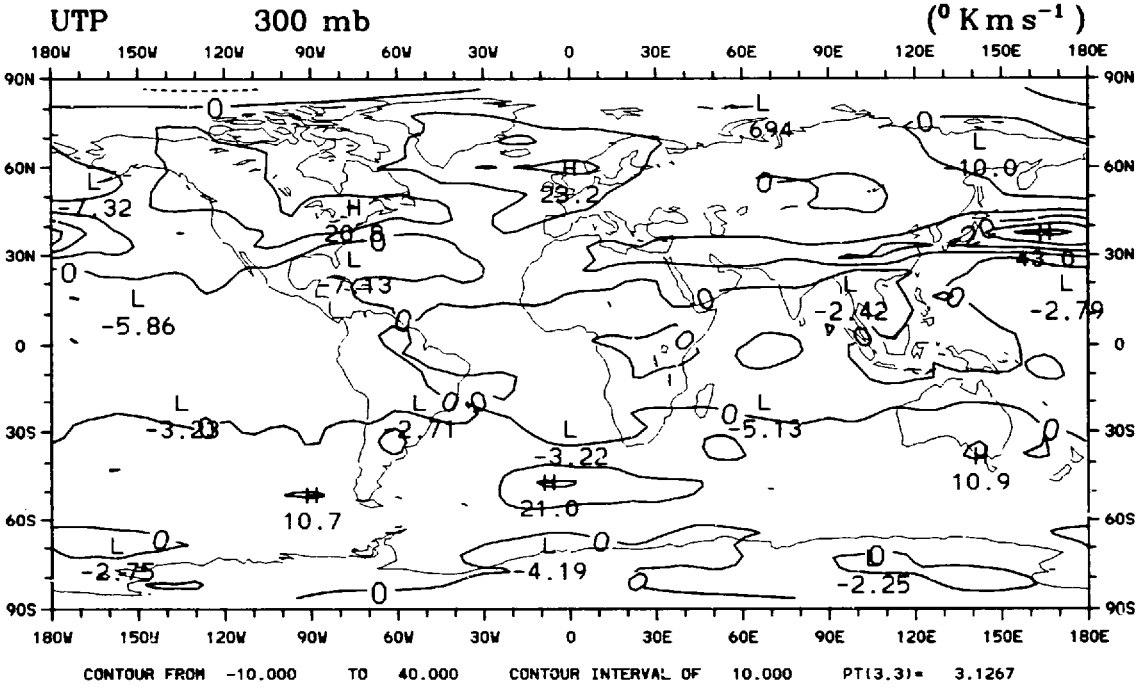

FRAME 1.43

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



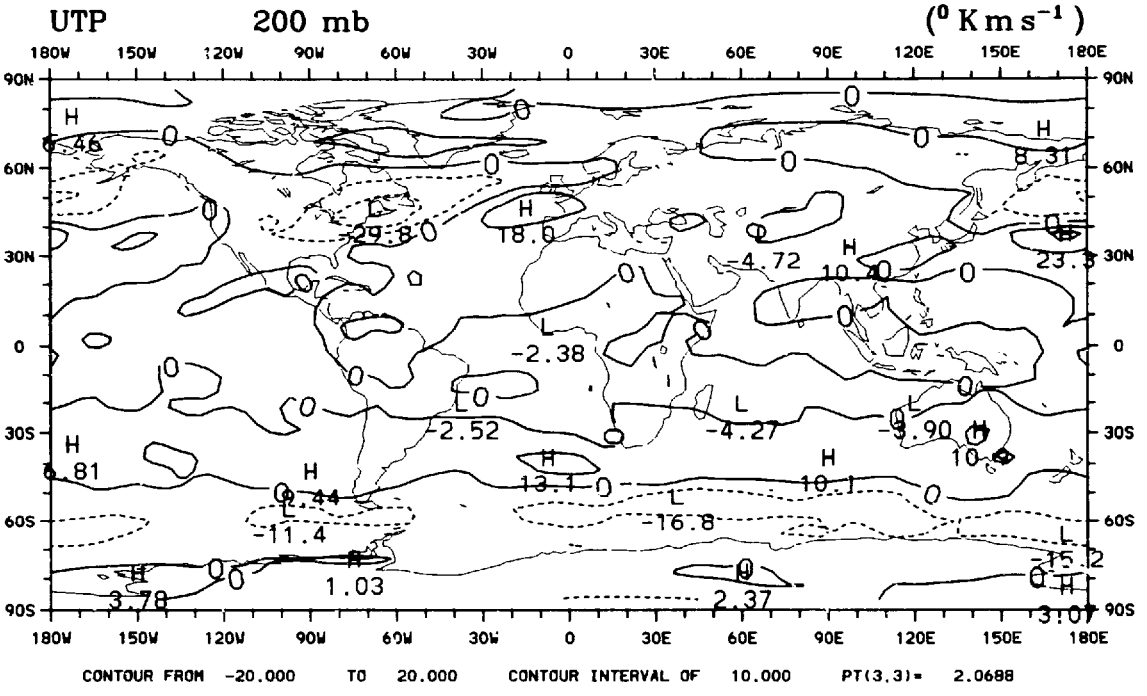

FRAME 1.44

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



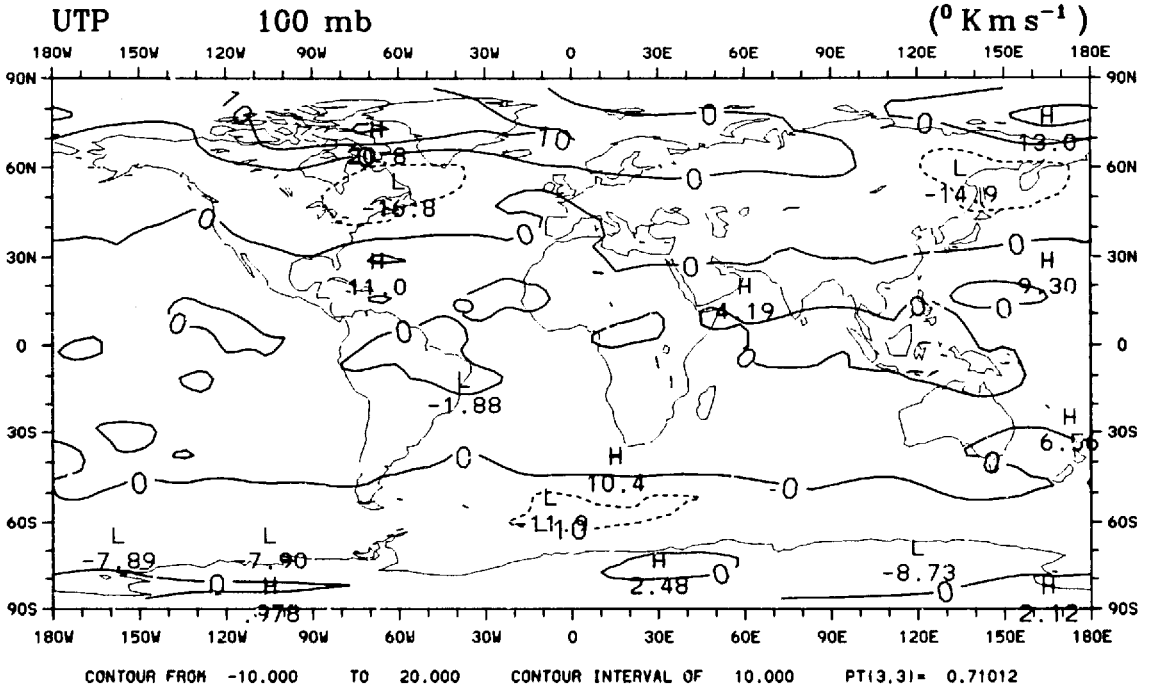

FRAME 1.45

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



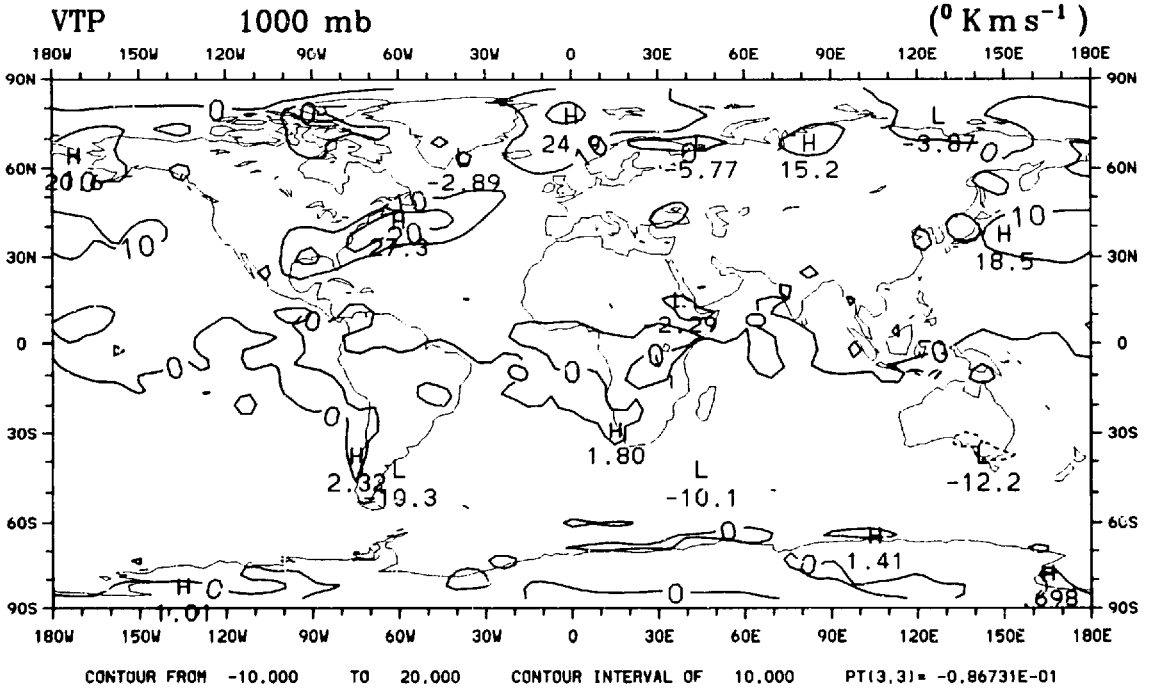

FRAME 1.46

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 1.47

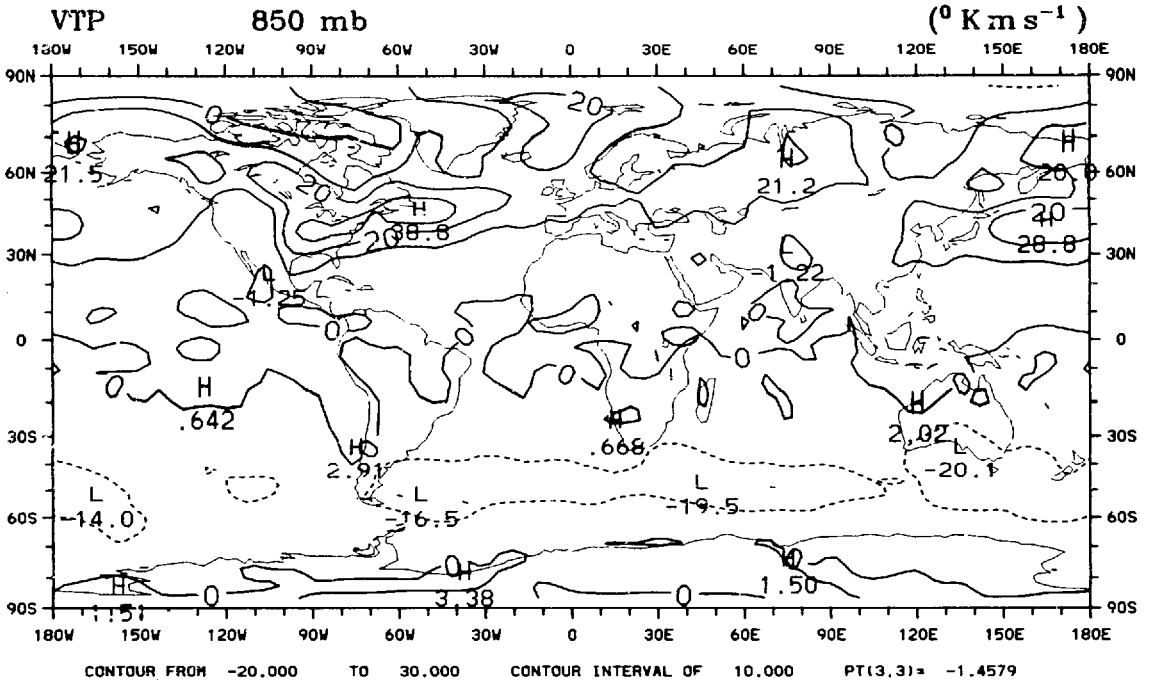
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -10.000 TO 20.000 CONTOUR INTERVAL OF 10.000 PT(3,3)= -0.86731E-01

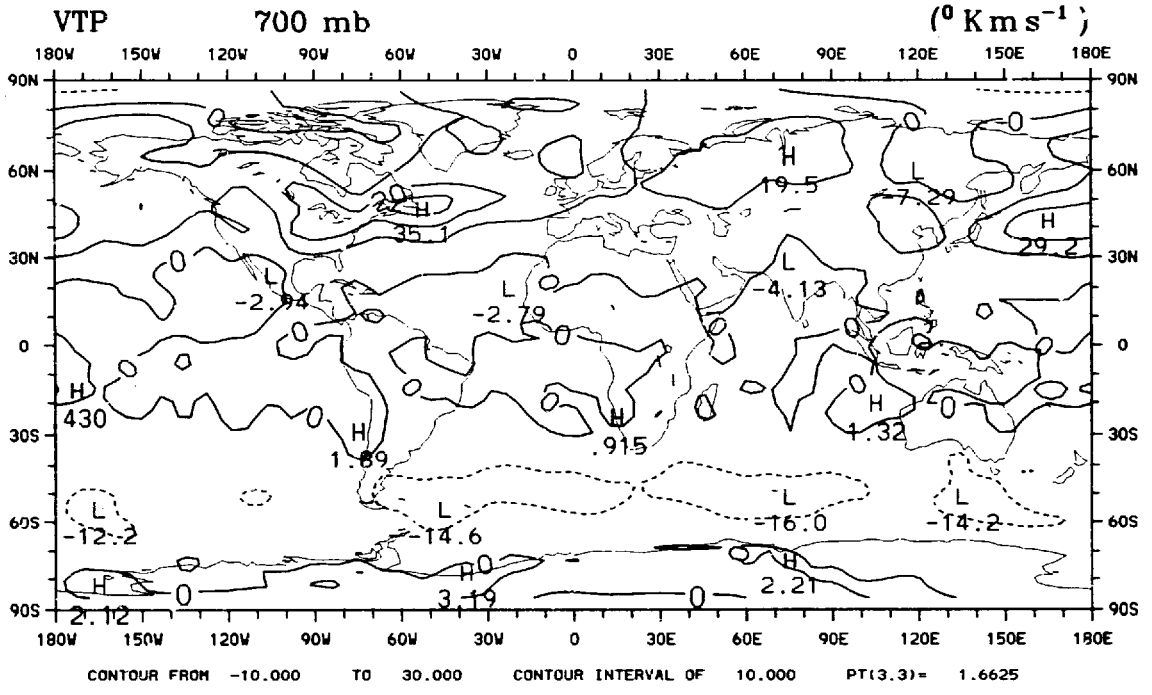
FRAME 1.48

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



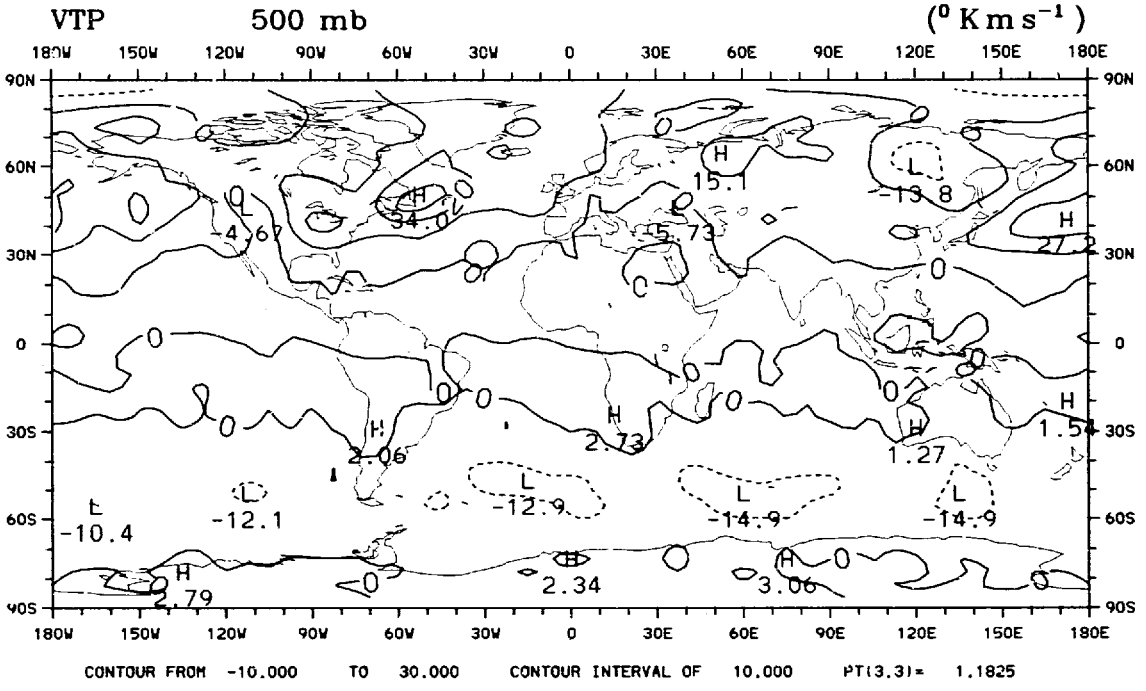

FRAME 1.49

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



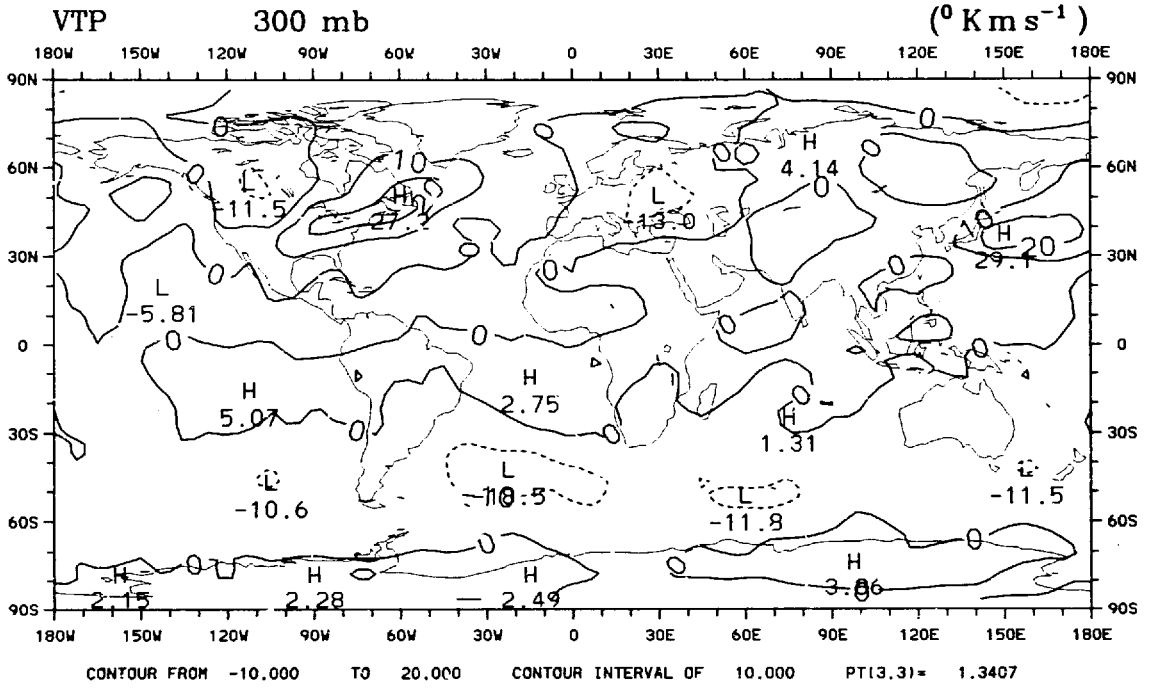

FRAME 1.50

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



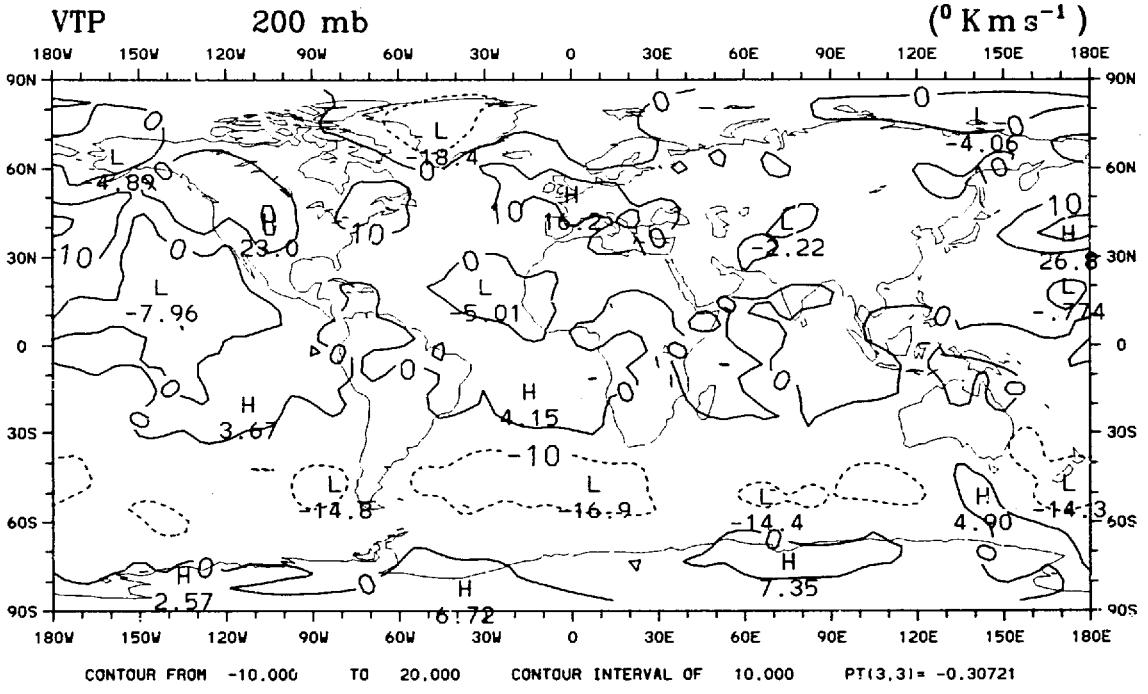

FRAME 1.51

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



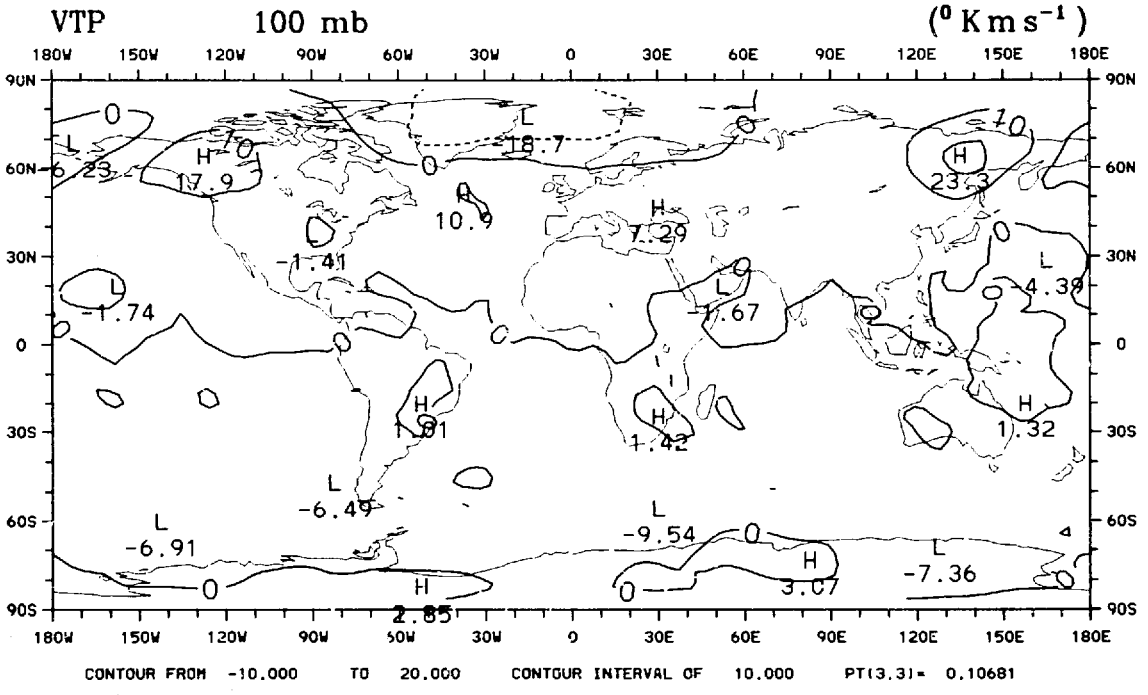

FRAME 1.52

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



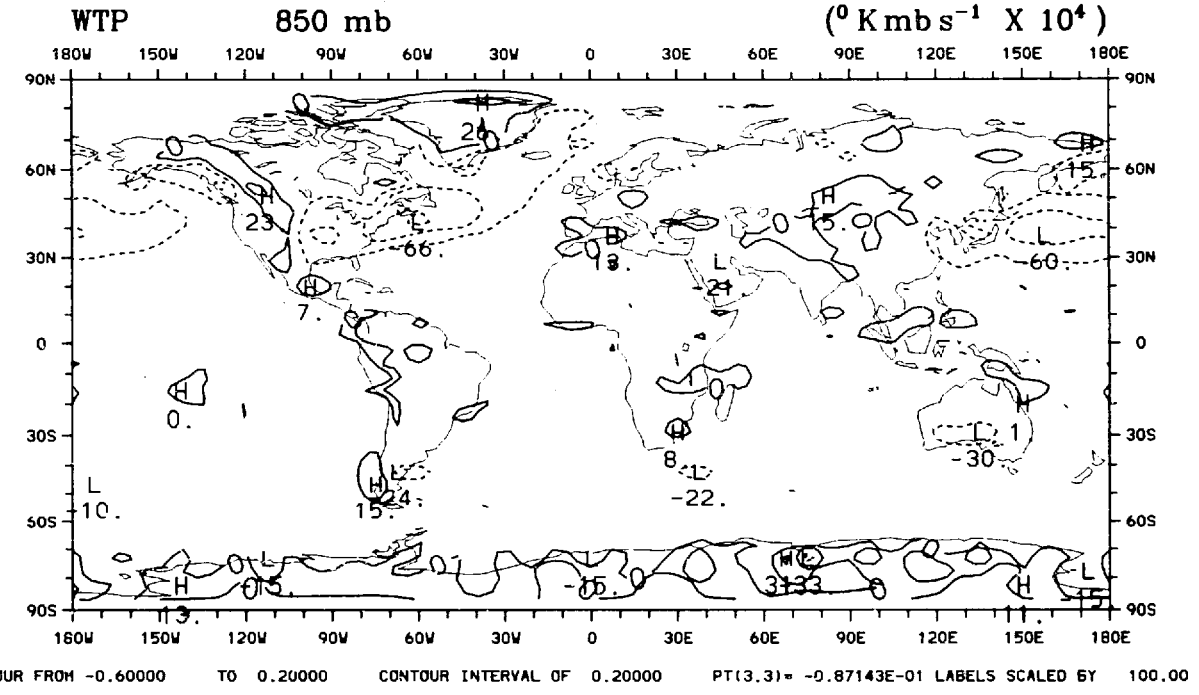

FRAME 1.53

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



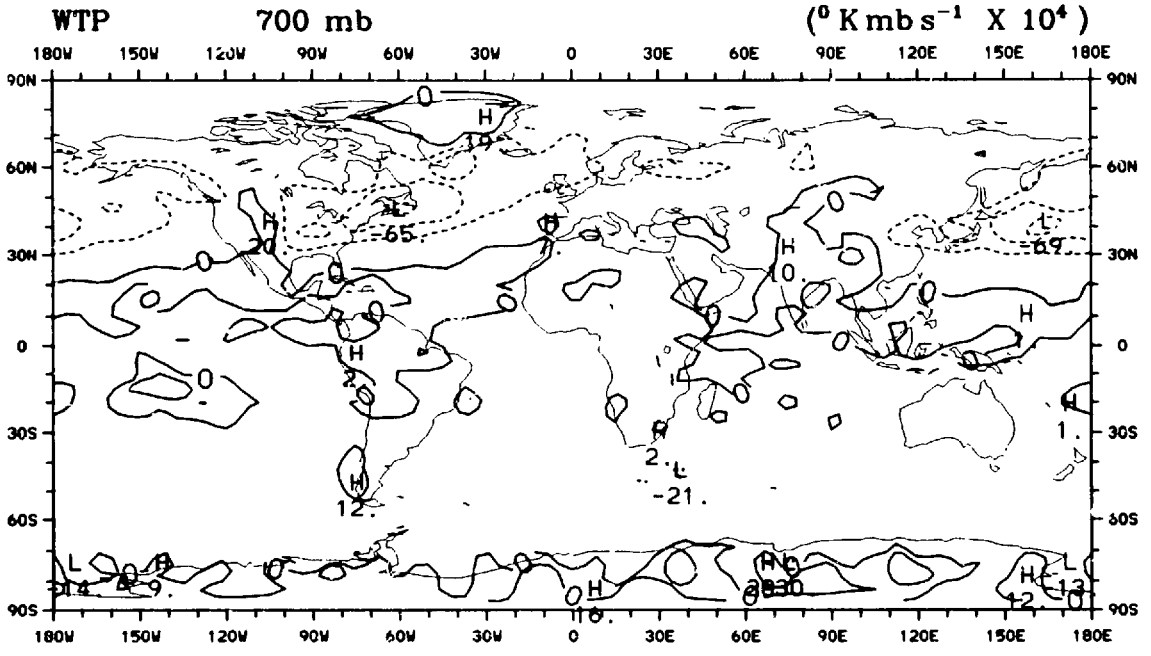

FRAME 1.54

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



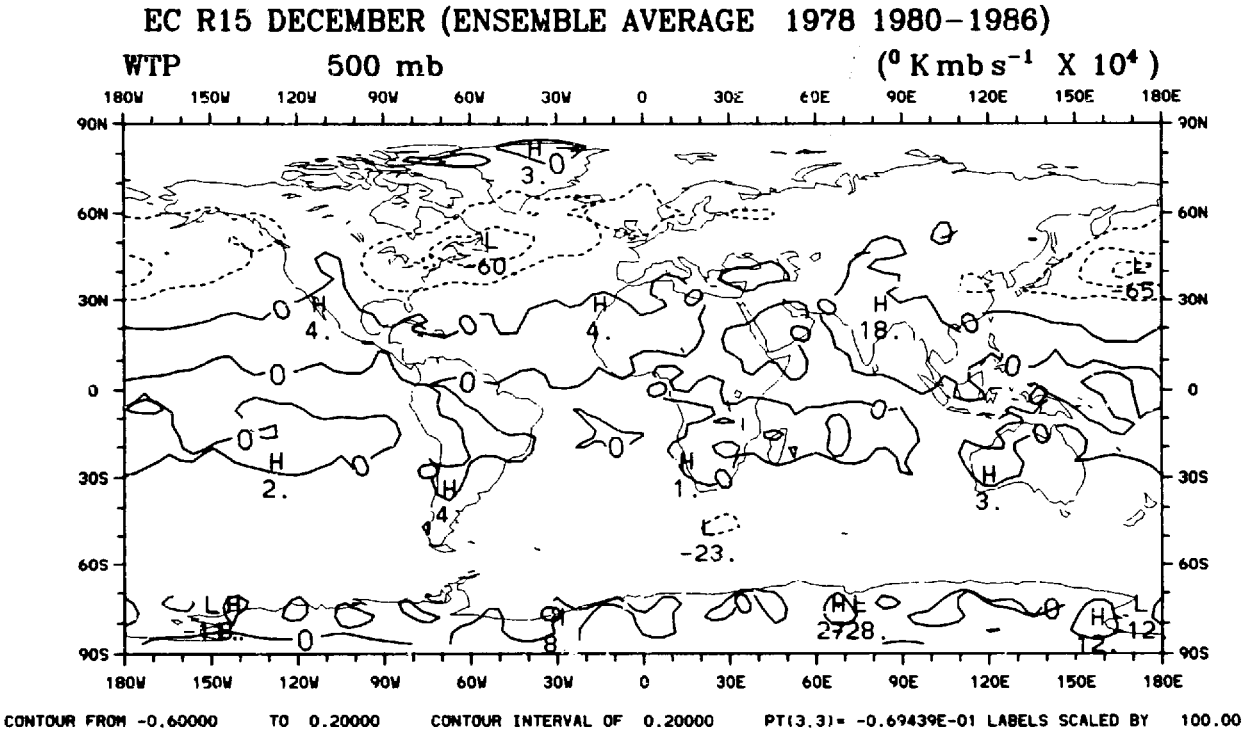

FRAME 1.55

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



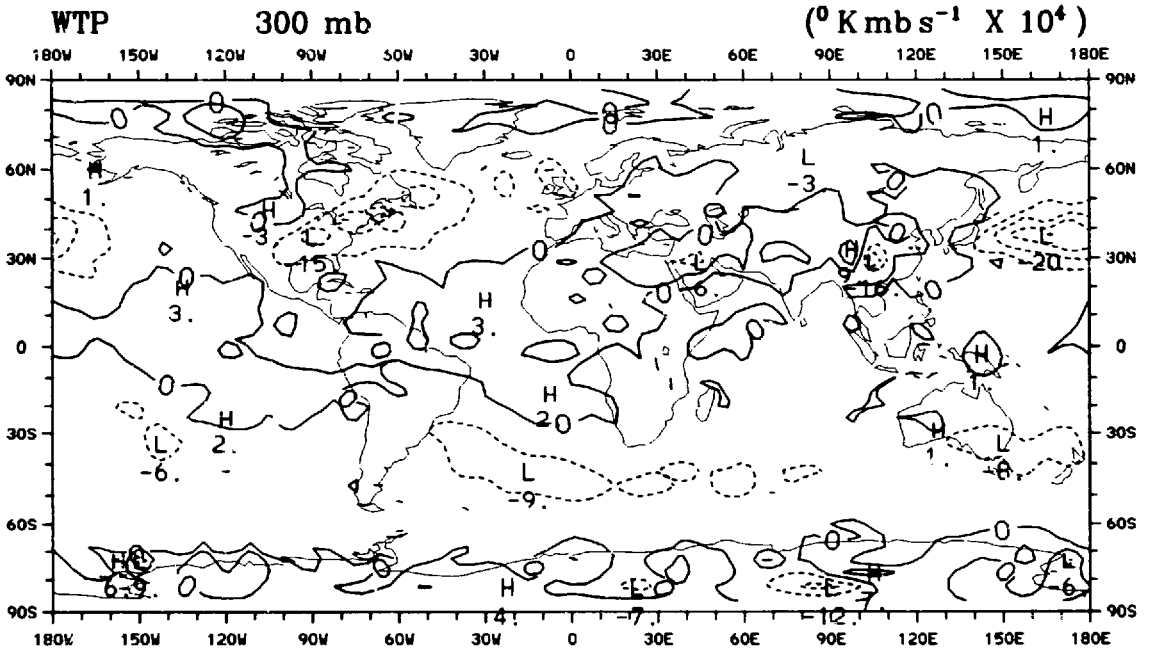

CONTOUR FROM -0.60000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.33335E-01 LABELS SCALED BY 100.00

FRAME 1.56


EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)
WTP
500 mb
(⁰ K mb s⁻¹ X 10⁴)
180W 150W 120W 90W 60W 30W 0 30E 60E 90E 120E 150E 180E
90N
60N
30N
0
30S
60S
90S
CONTOUR FROM -0.60000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= -0.69439E-01 LABELS SCALED BY 100.00

FRAME 1.57

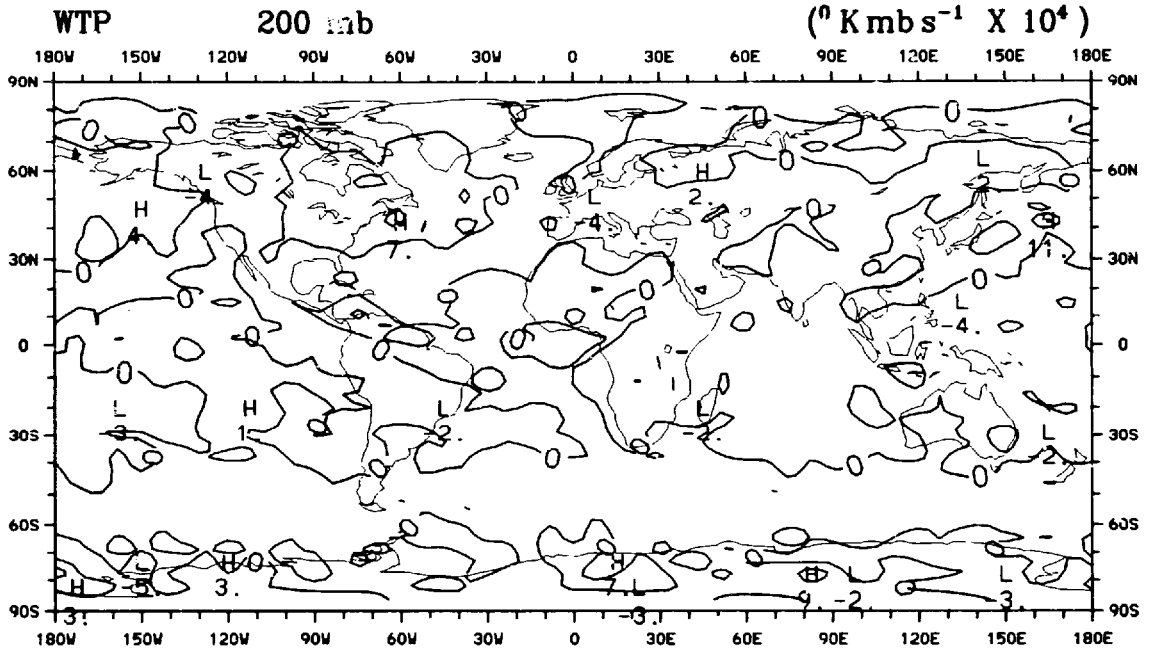
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.20000 TO 0.50000E-01 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.43448E-01 LABELS SCALED BY 100.00

FRAME 1.58

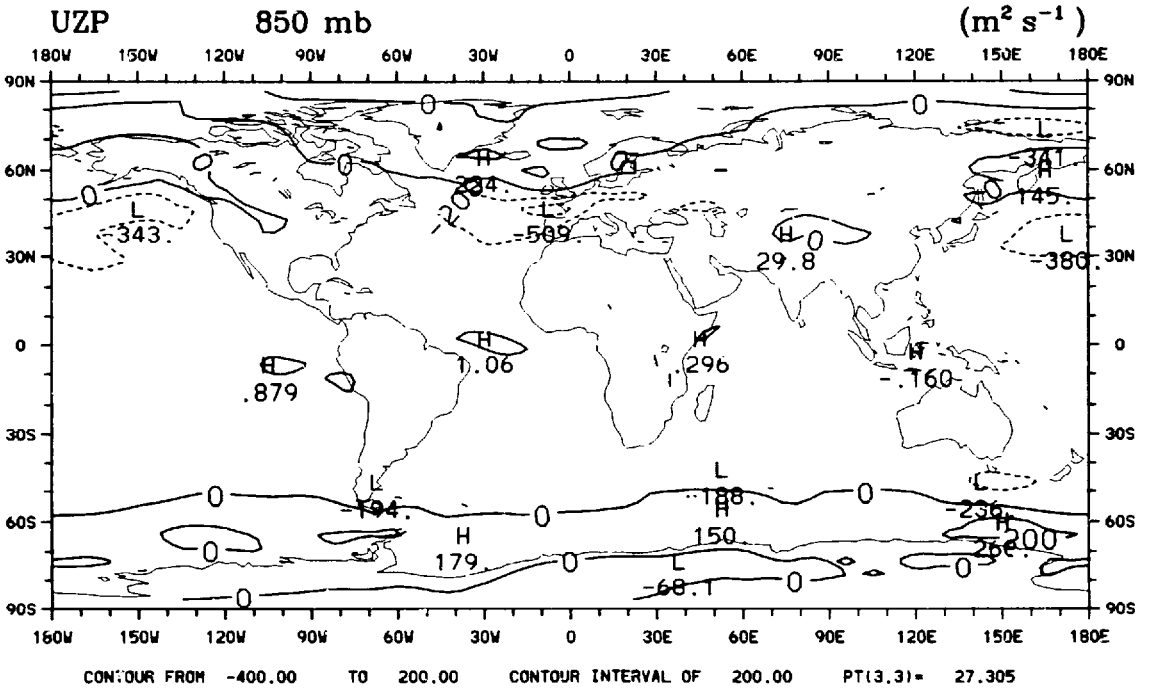
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.10000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.18707E-01 LABELS SCALED BY 100.00

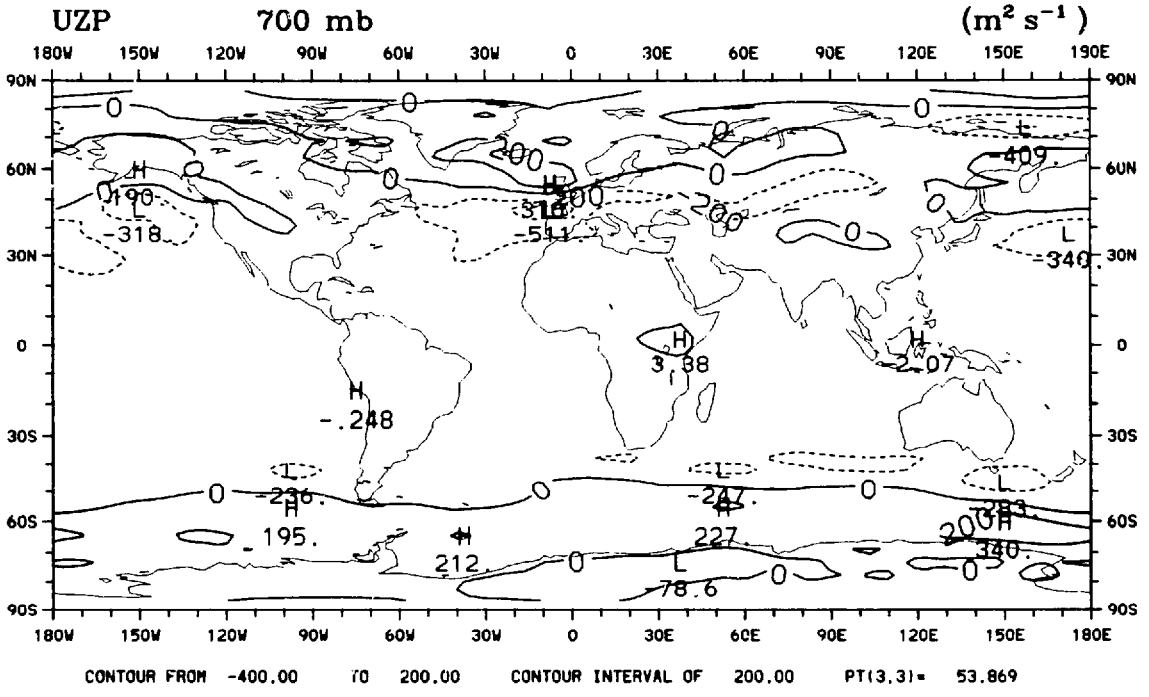
FRAME 1.59

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



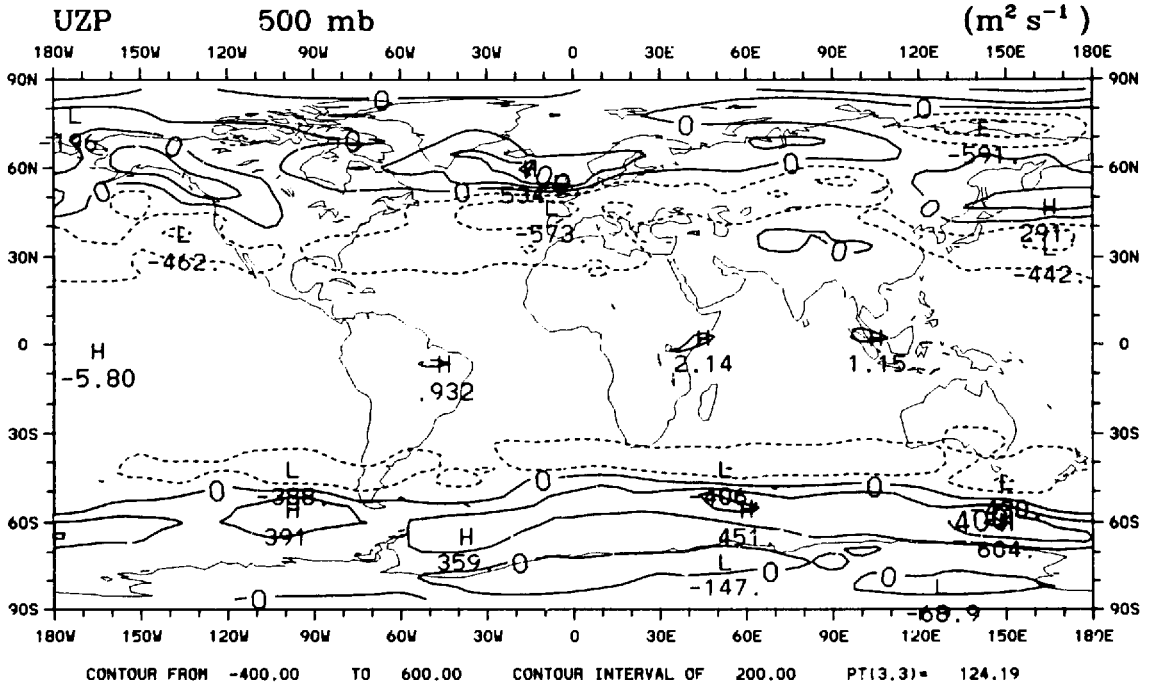

FRAME 1.60

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



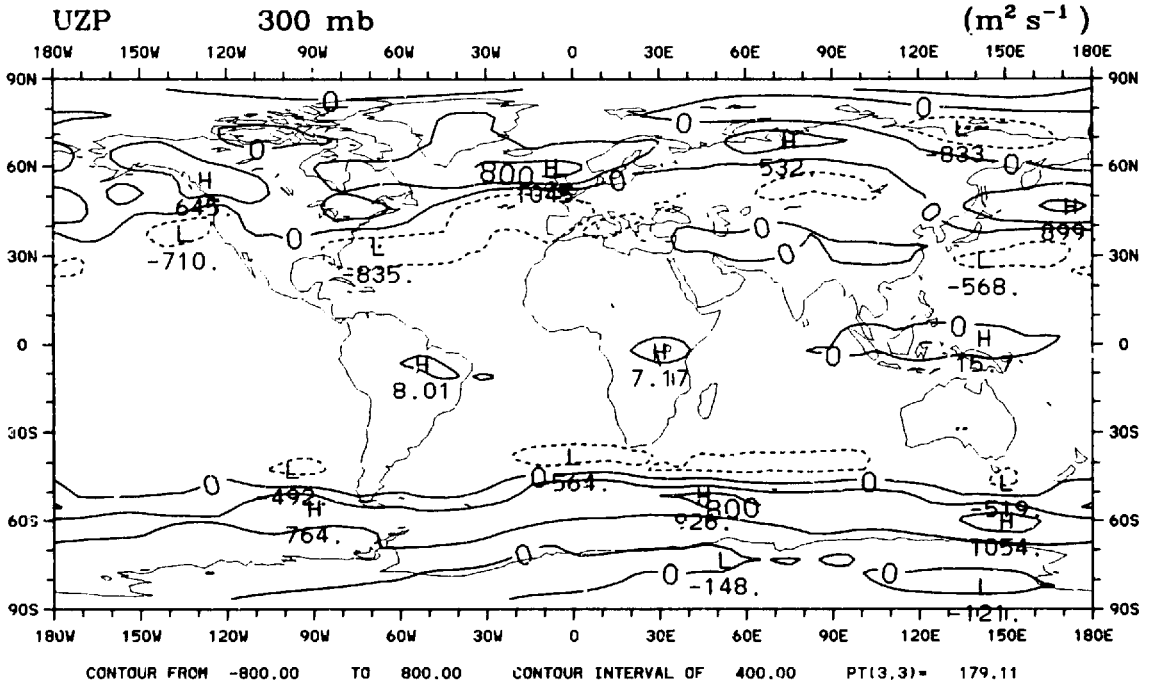

FRAME 1.61

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



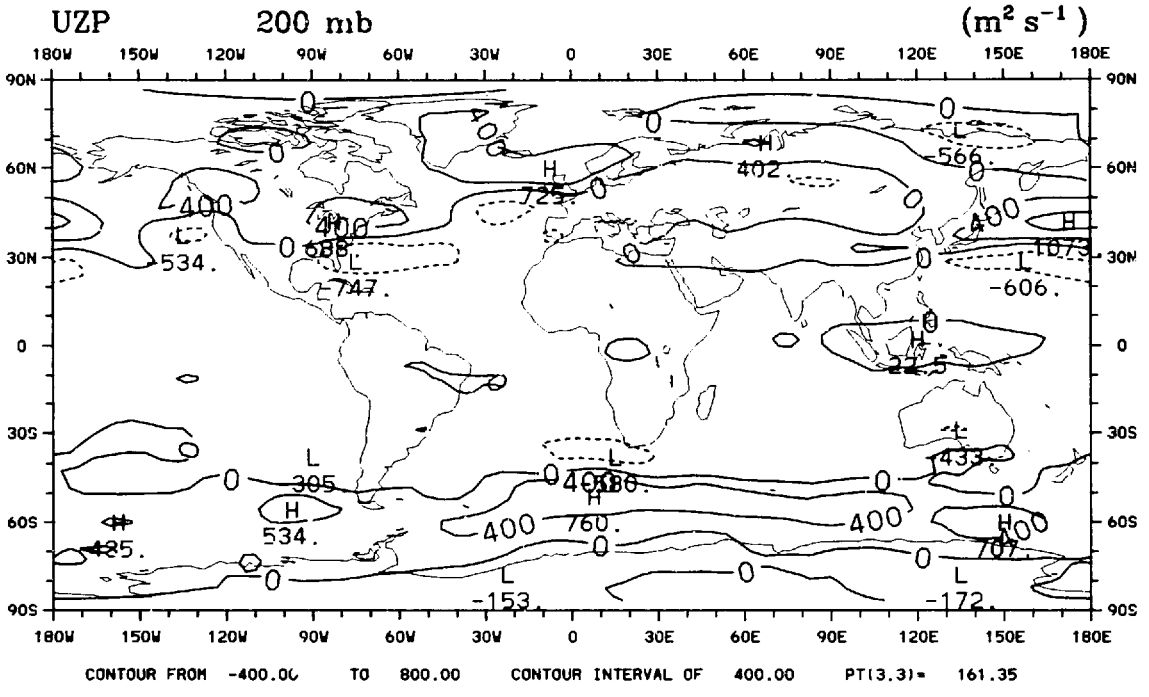

FRAME 1.62

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



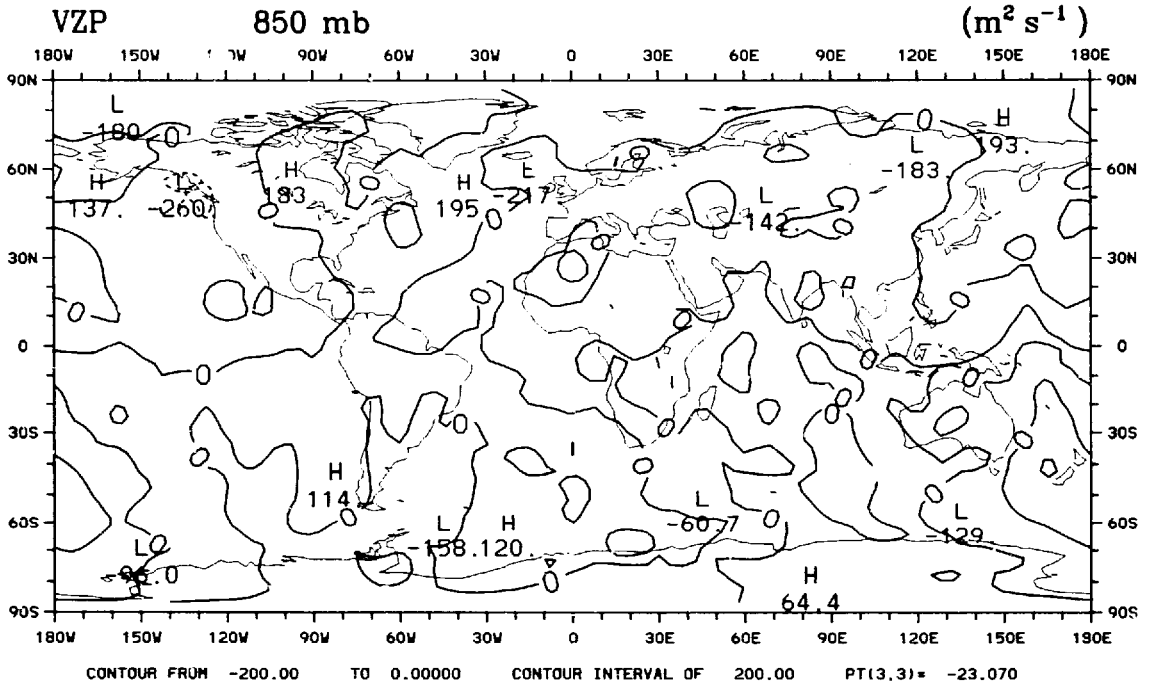

FRAME 1.63

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



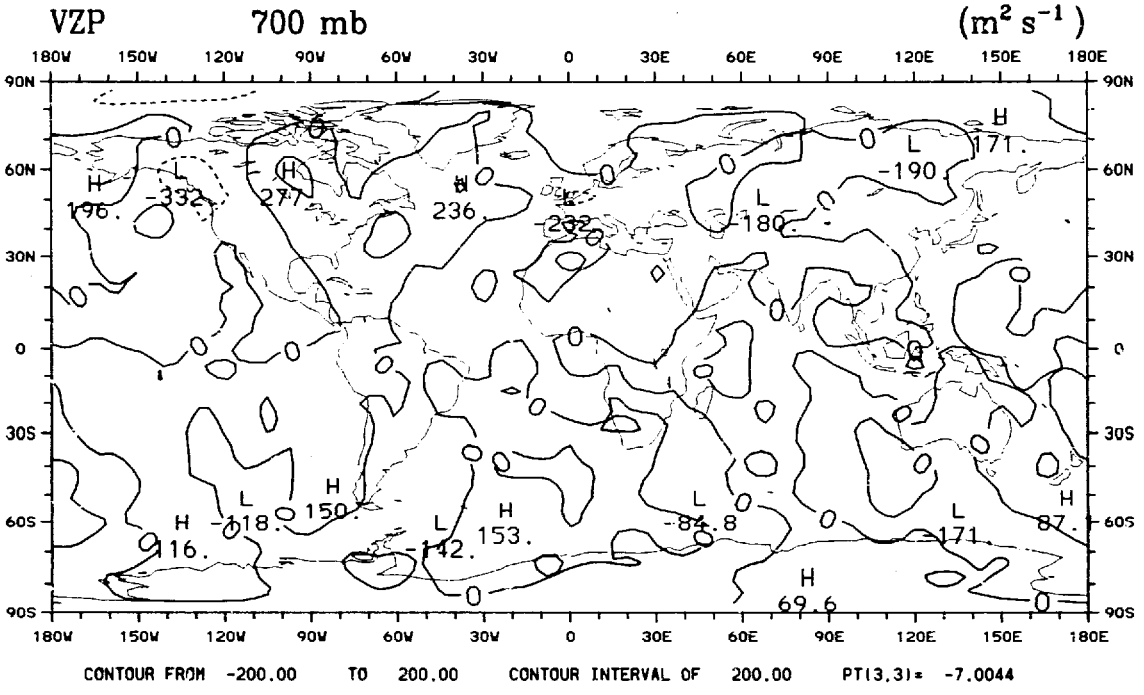

FRAME 1.64

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980--1986)



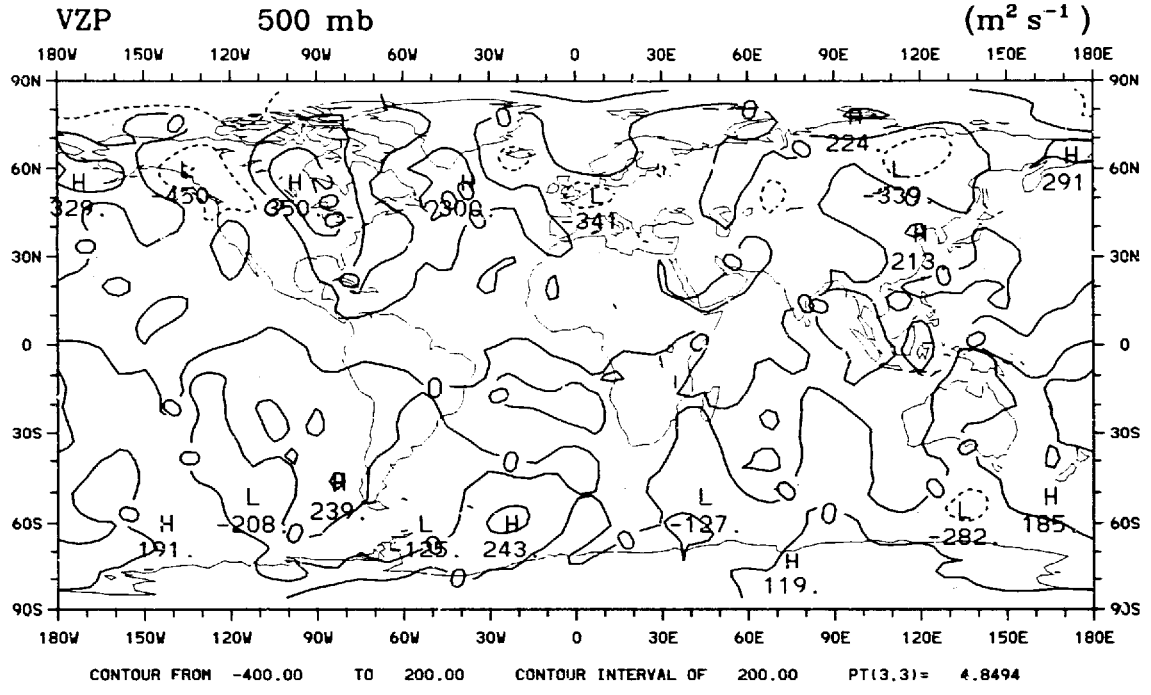

FRAME 1.65

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



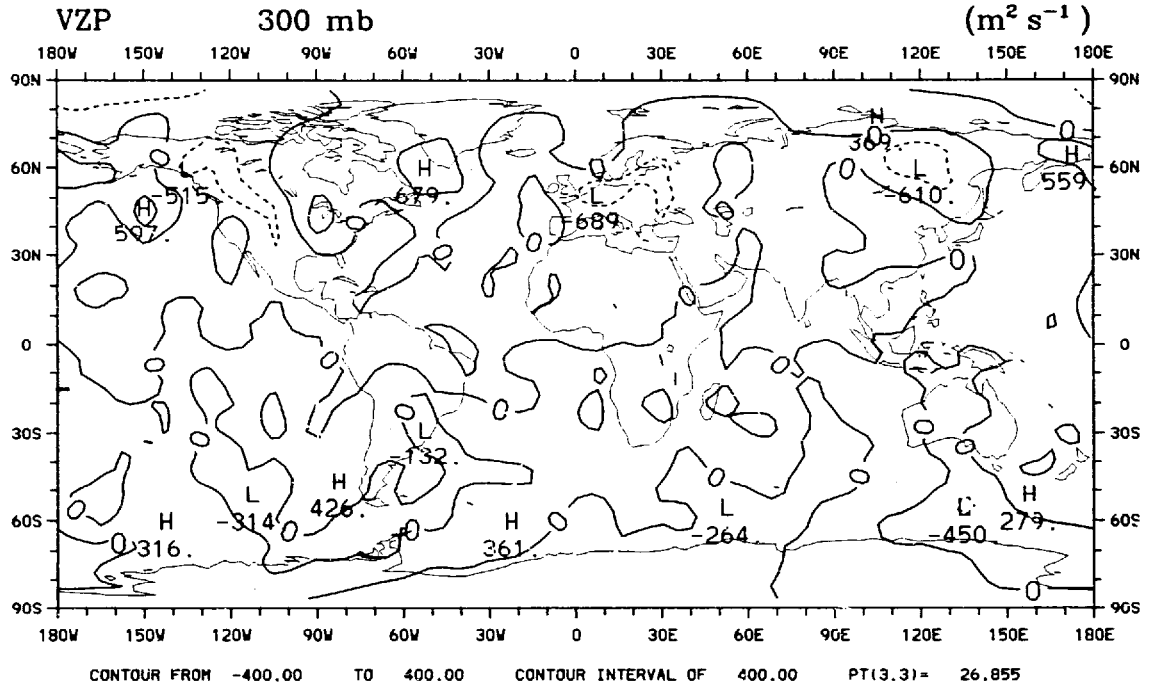

FRAME 1.66

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 1.67

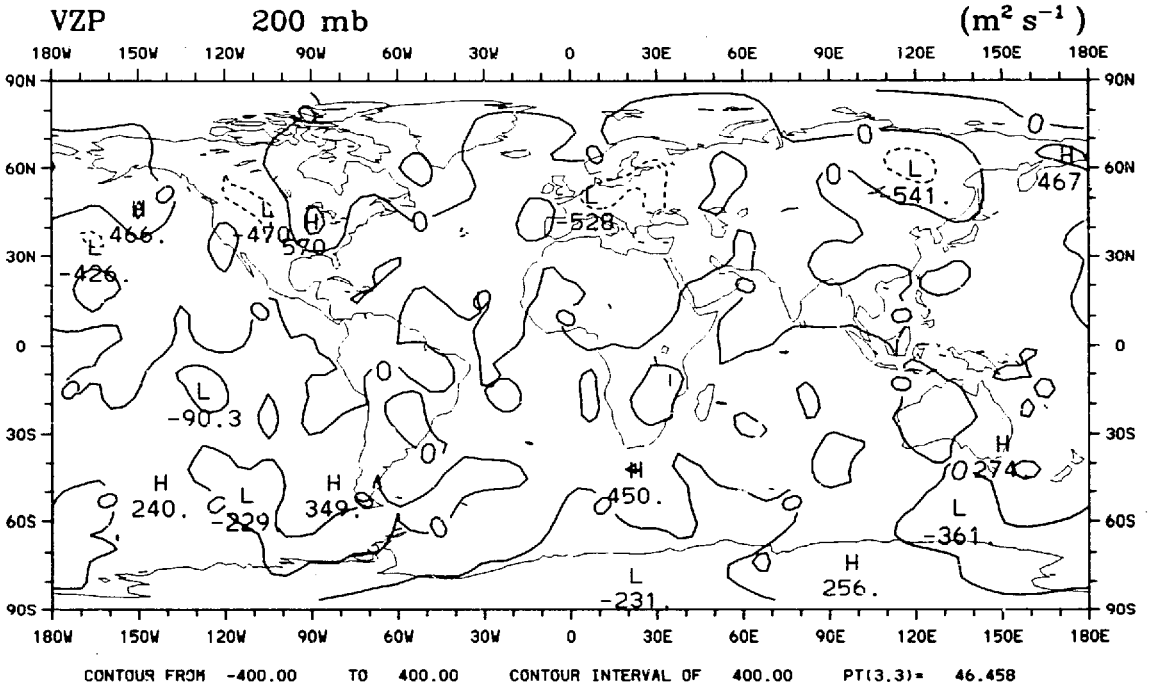
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -400.00 TO 400.00 CONTOUR INTERVAL OF 400.00 PT(3,3)= 26.855

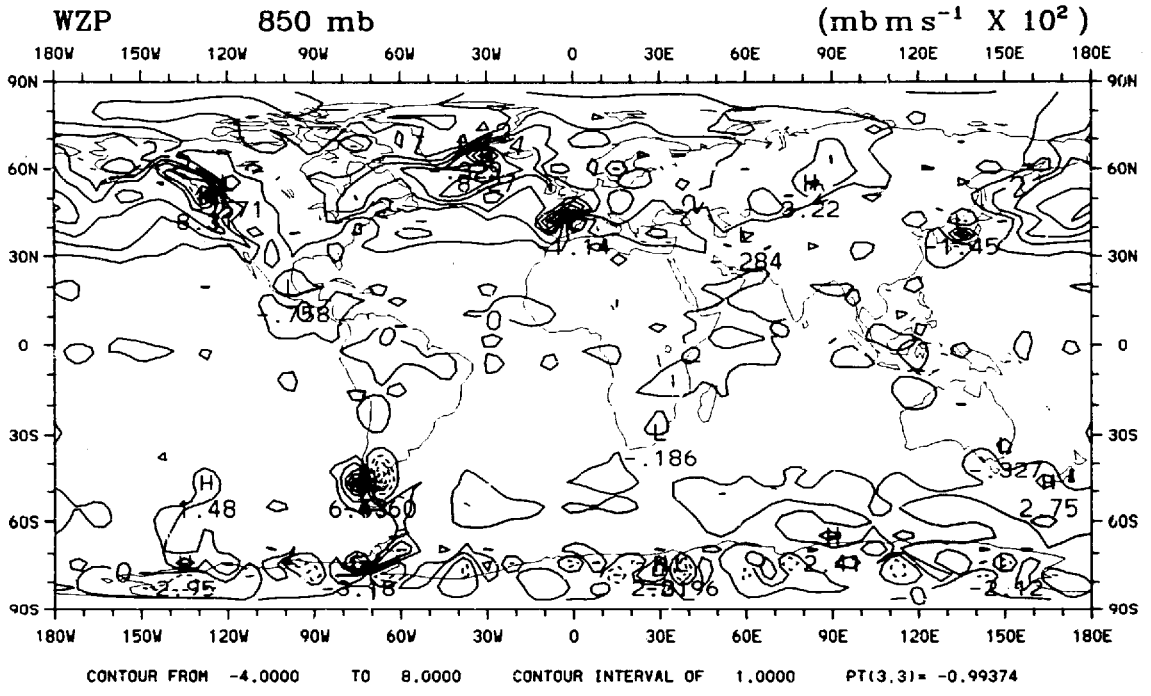
FRAME 1.68

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



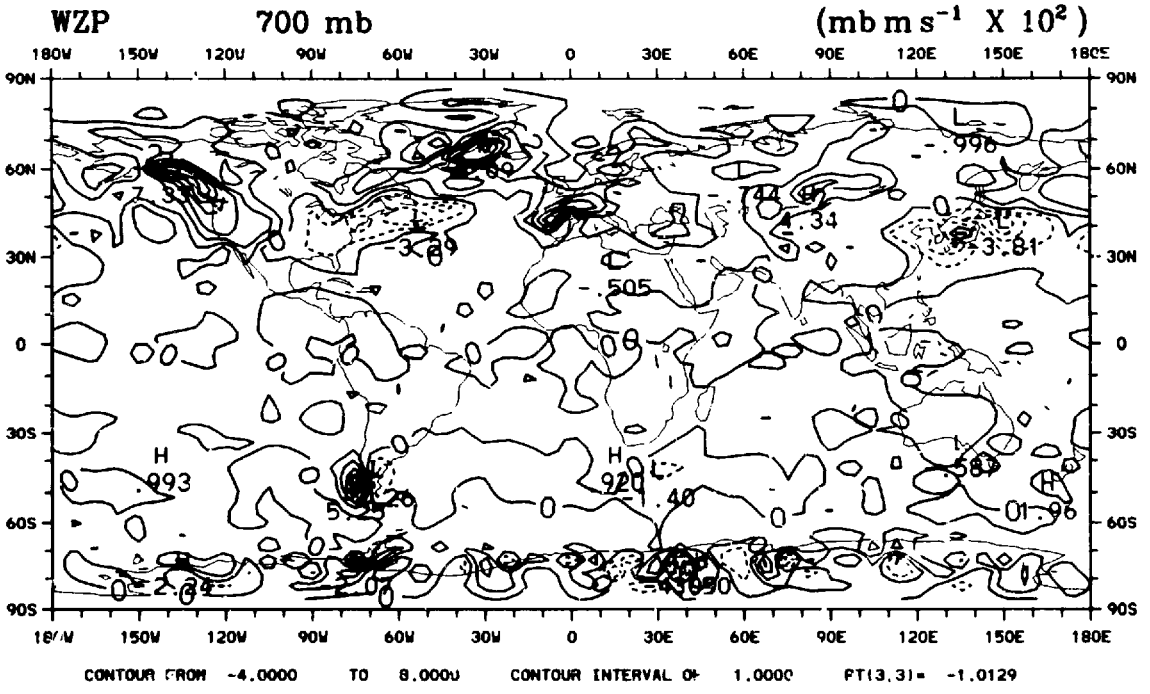

FRAME 1.69

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



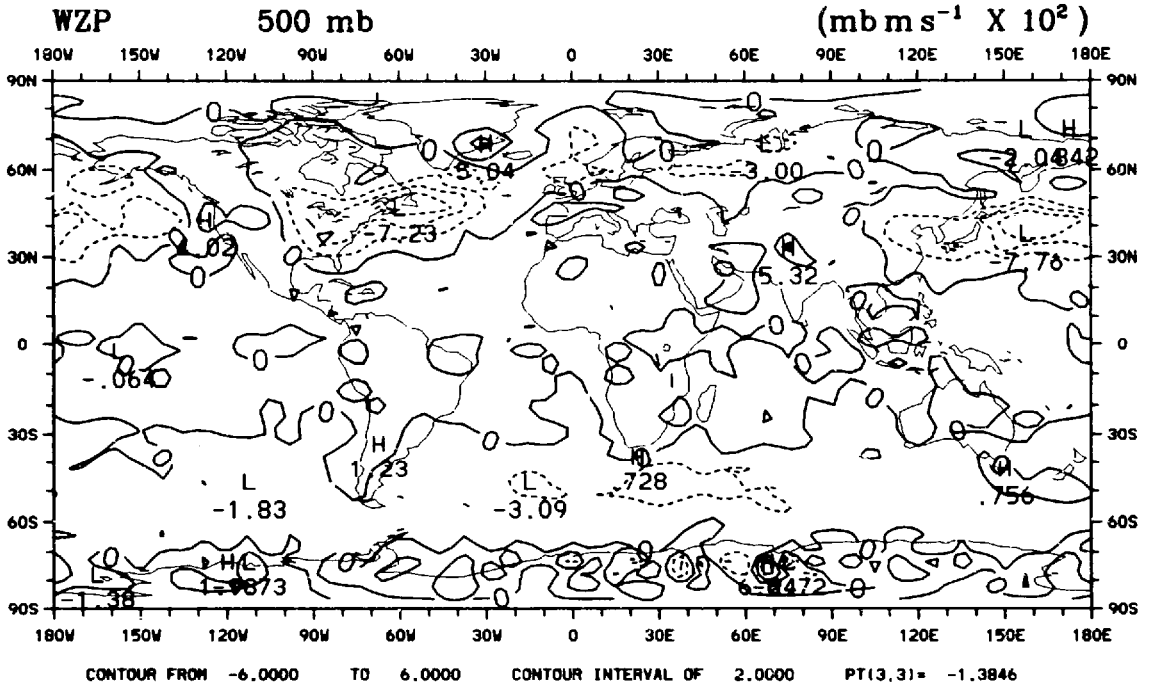

FRAME 1.70

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



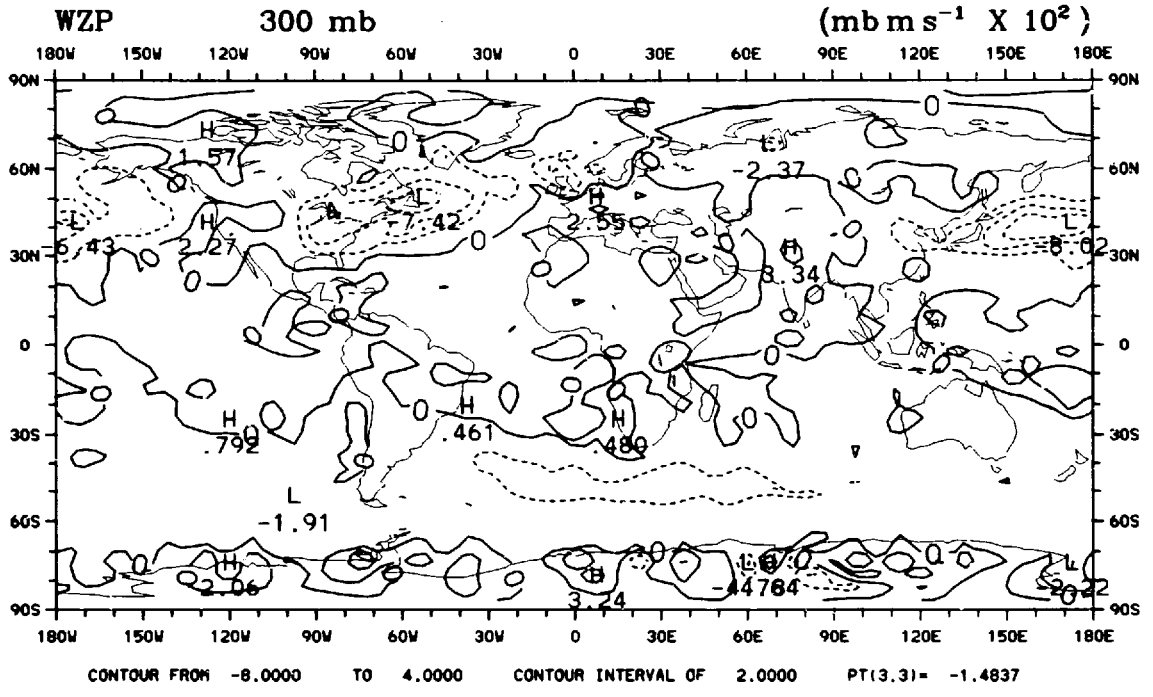

FRAME 1.71

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



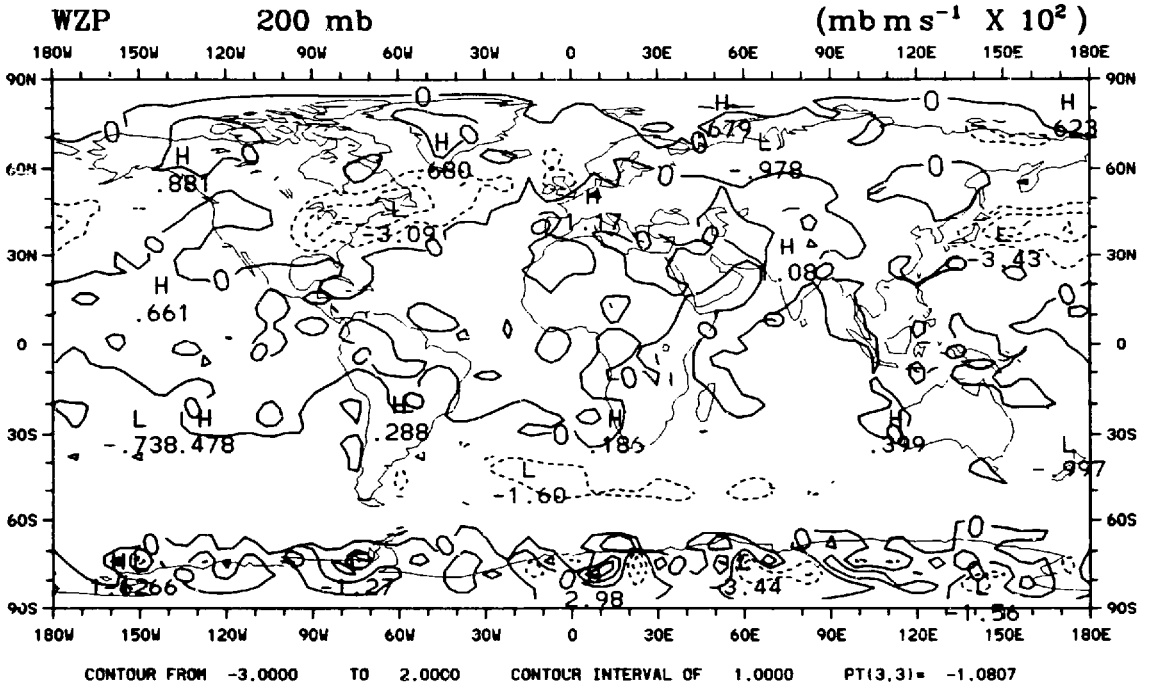

FRAME 1.72

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



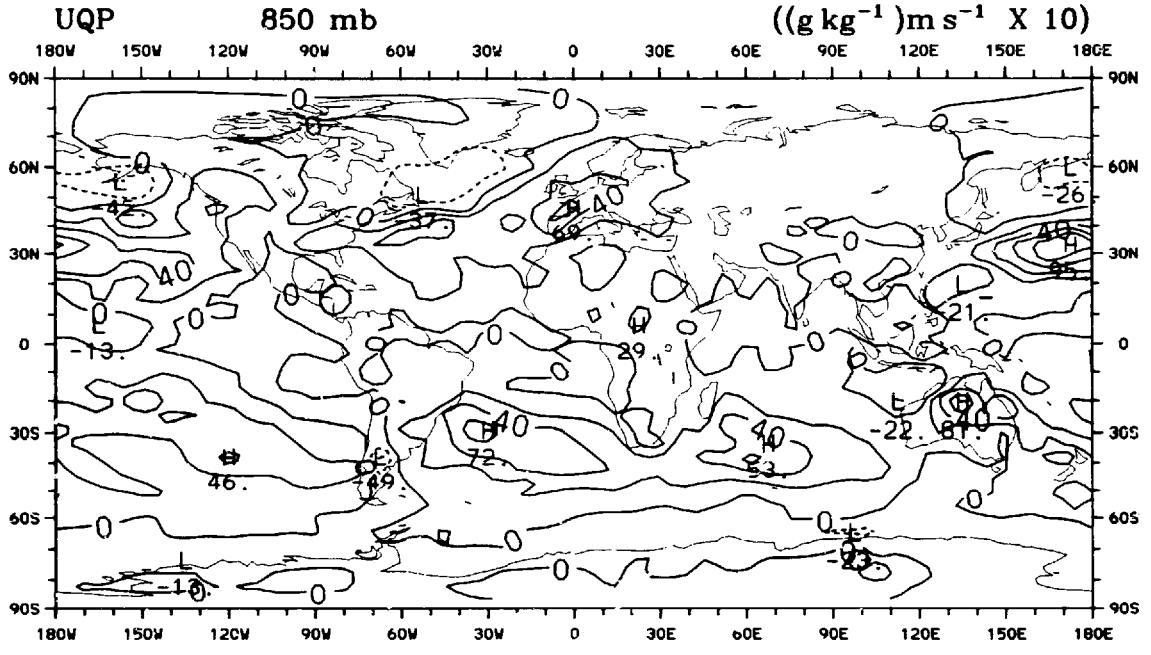

FRAME 1.73

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.74

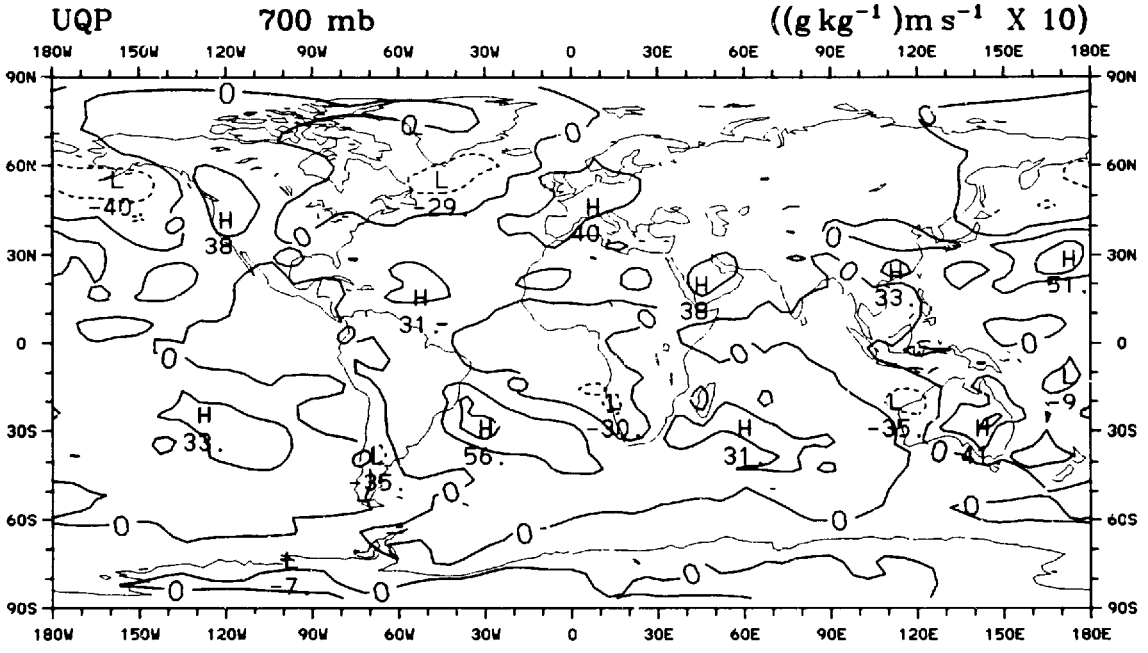
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.40000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.30129E-03 LABELS SCALED BY 10000.

FRAME 1.75

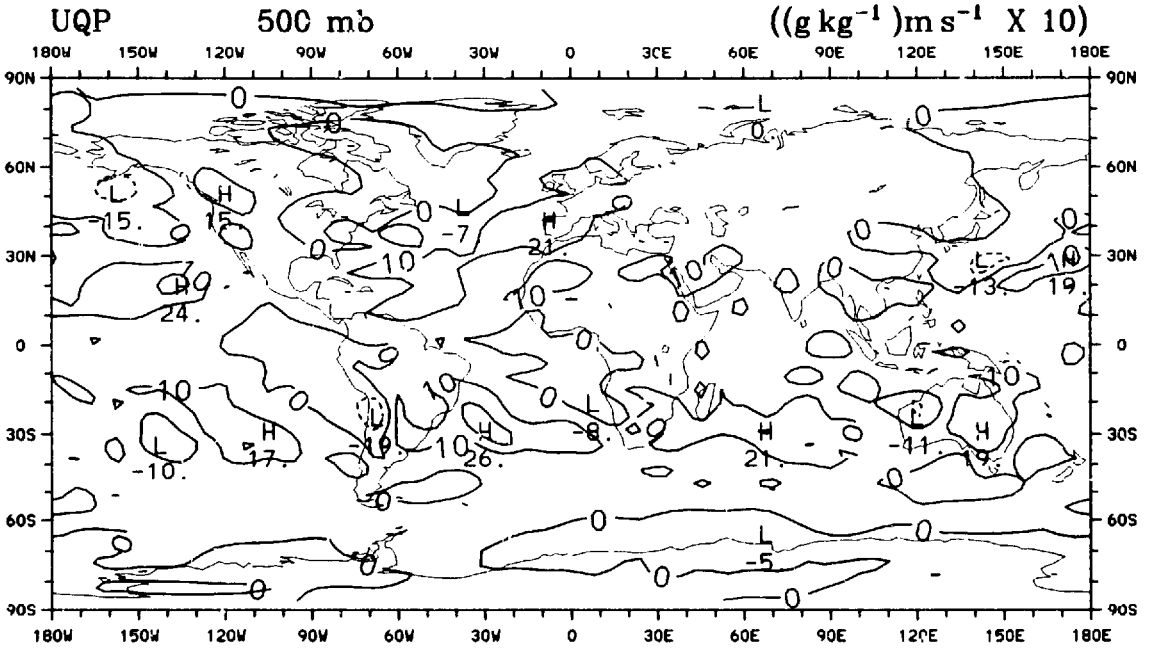
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.40000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.25691E-03 LABELS SCALED BY 10000.

FRAME 1.76

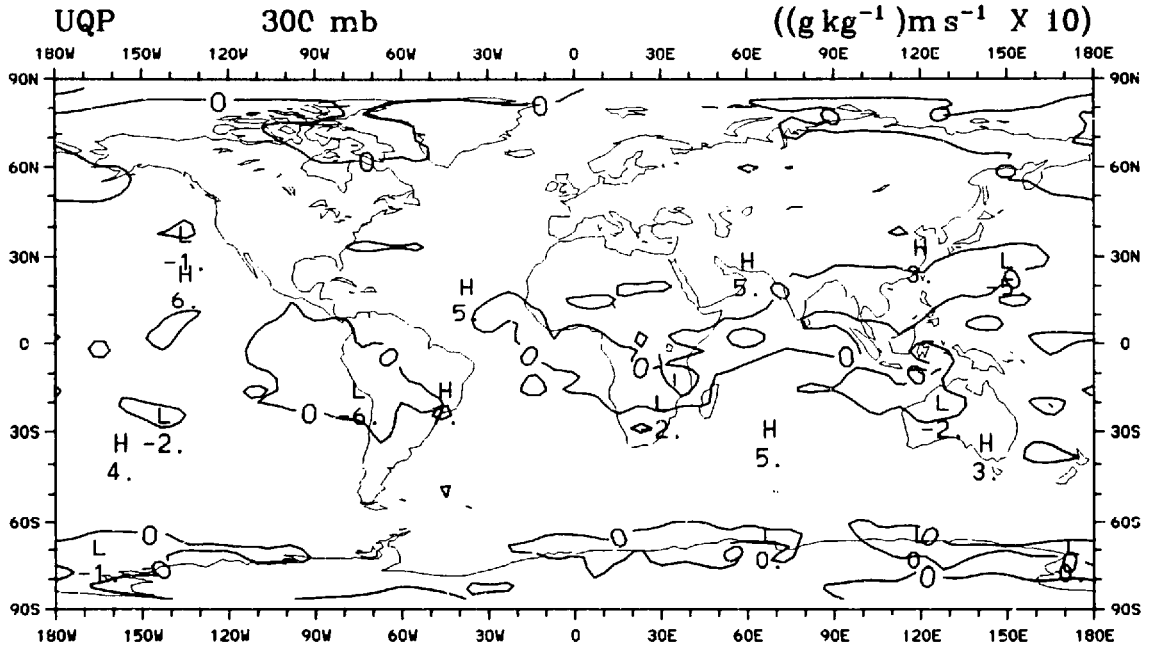
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.10000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.82934E-04 LABELS SCALED BY 10000.

FRAME 1.77

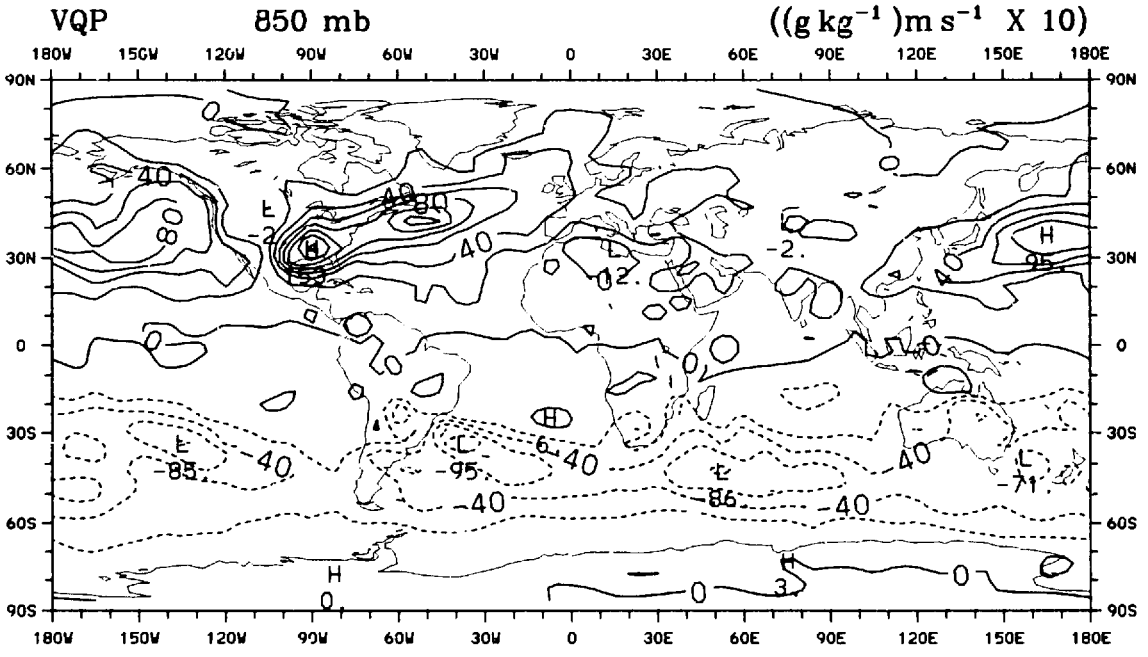
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.12648E-04 LABELS SCALED BY 10000.

FRAME 1.78

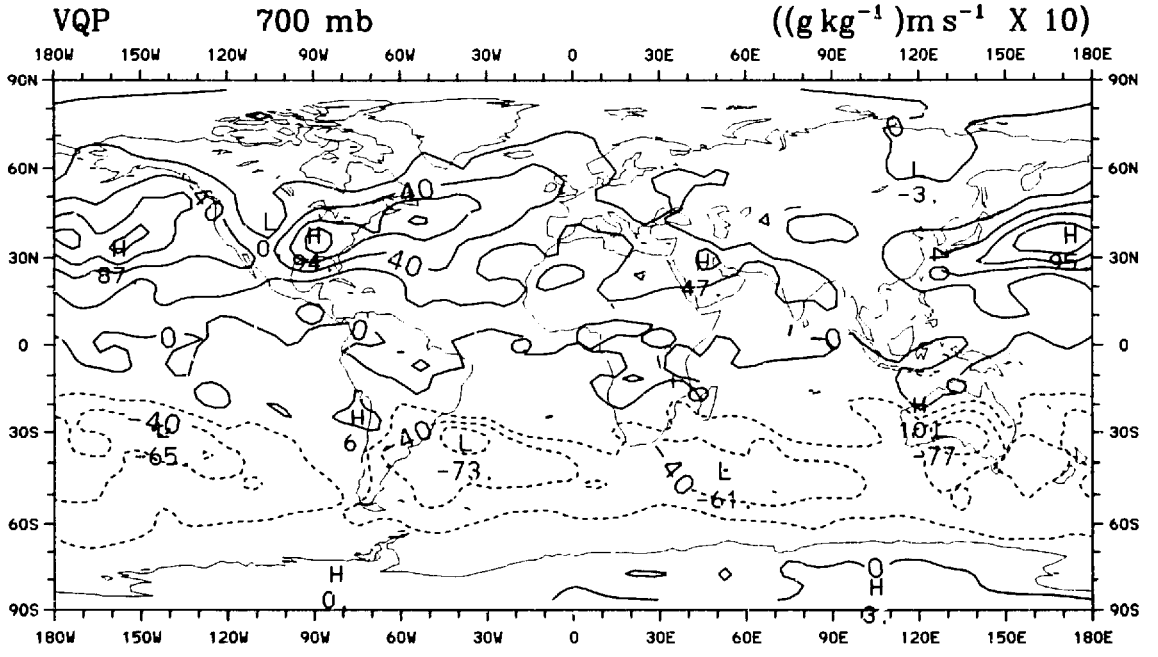
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -0.80000E-02 TO 0.14000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.10703E-02 LABELS SCALED BY 10000.

FRAME 1.79

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980--1986)

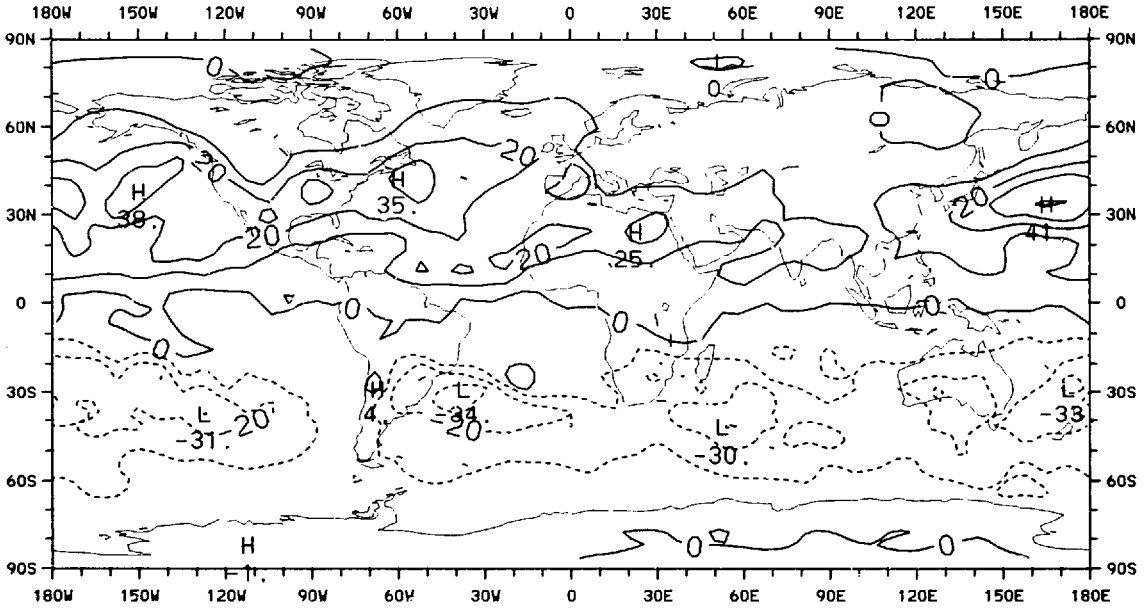



CONTOUR FROM -0.60000E-02 TO 0.80000E-02 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= -0.52985E-03 LABELS SCALED BY 10000.

FRAME 1.80

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

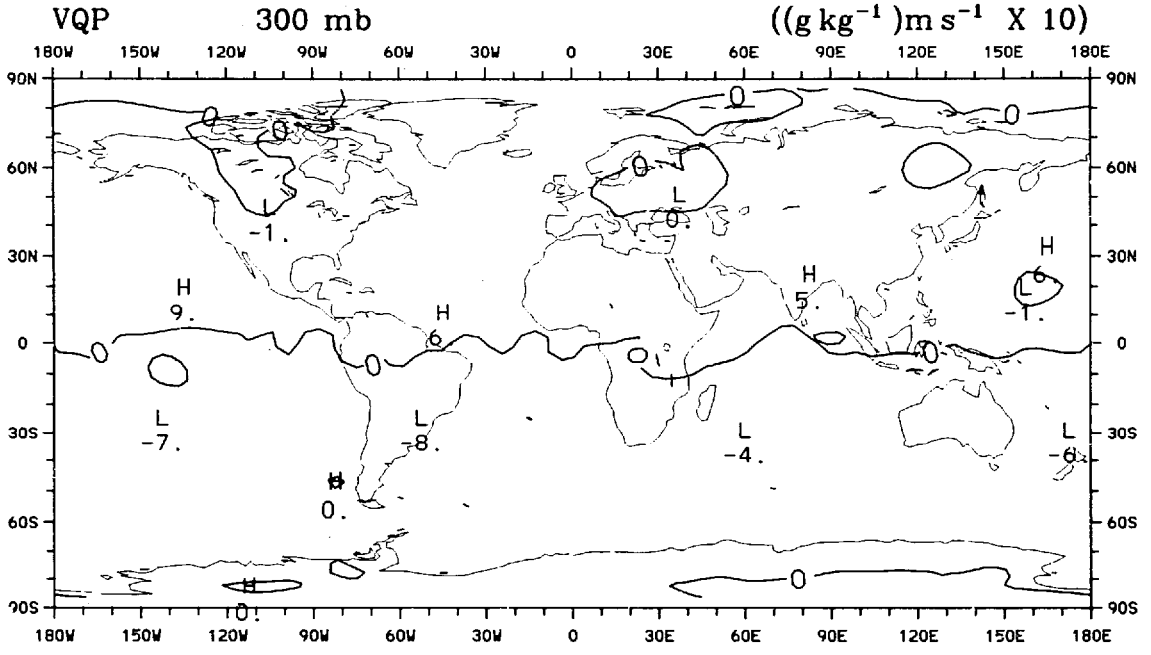
VQP 500 mb ((g kg$^{-1}$)m s$^{-1}$ X 10)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.21422E-03 LABELS SCALED BY 10000.

FRAME 1.81

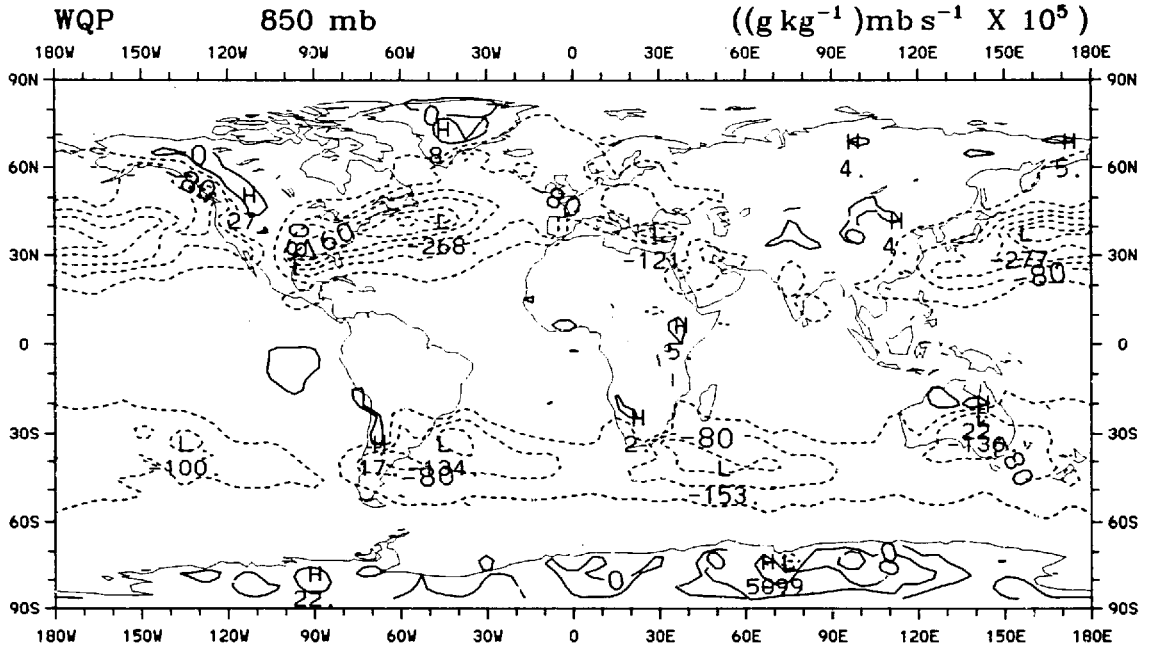
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-02 DT(3,3)= -0.45108E-04 LABELS SCALED BY 10000.

FRAME 1.82

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

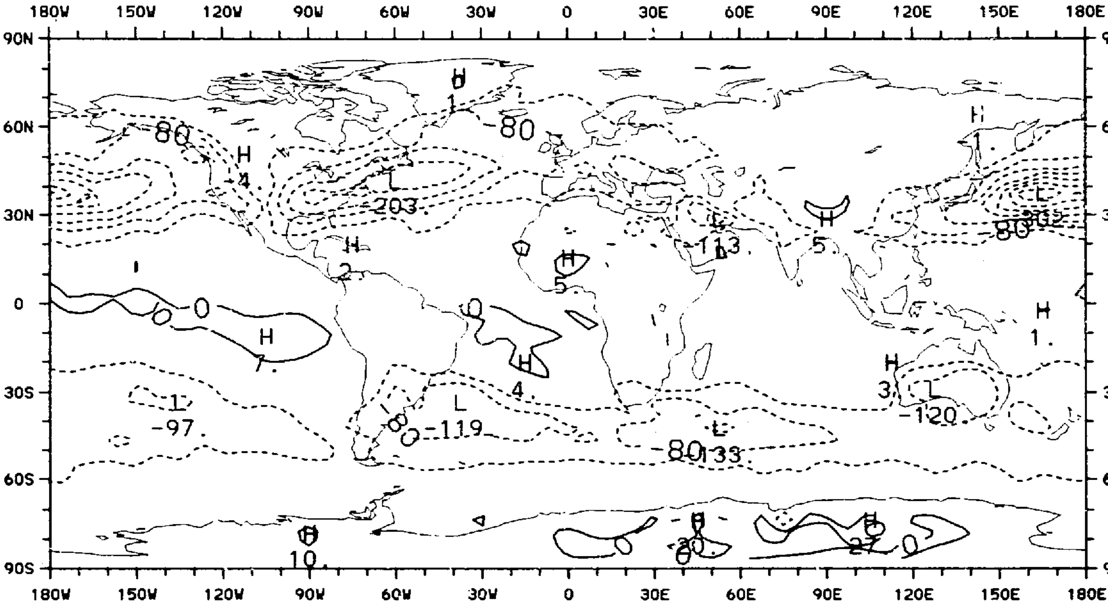



CONTOUR FROM -0.24000E-03 TO 0.40000E-04 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.10433E-04 LABELS SCALED BY 0.10000E+07

FRAME 1.83

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

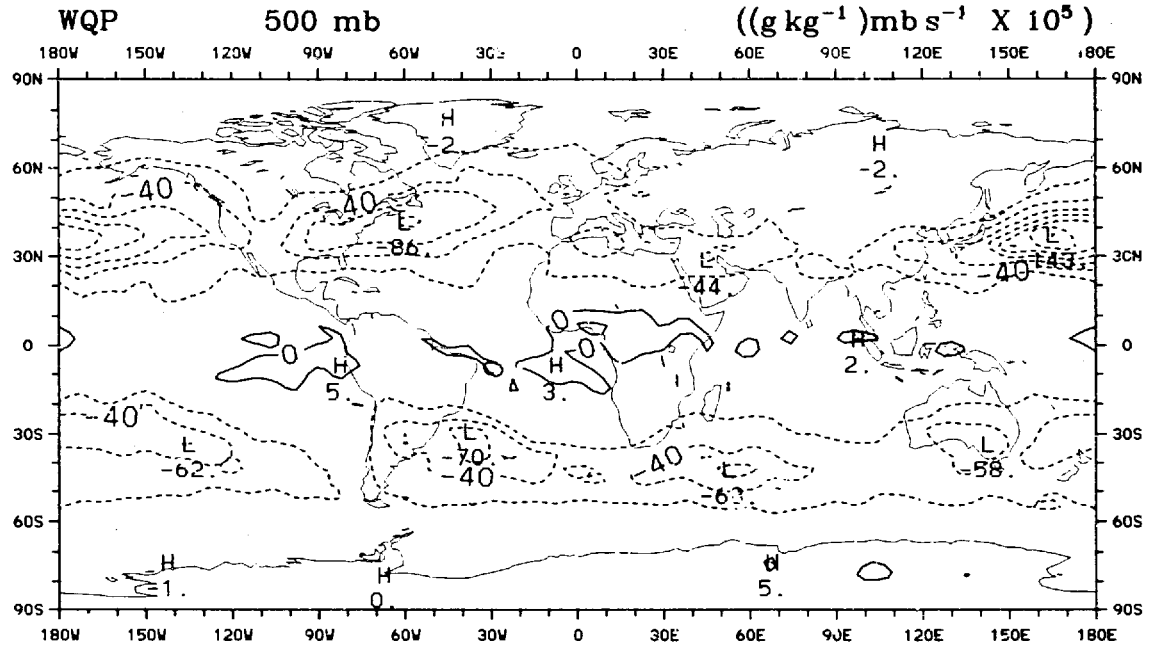
WQP 700 mb $((g\,kg^{-1})\,mb\,s^{-1}\ X\ 10^5)$




CONTOUR FROM -0.28000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.40000E-04 PT(3,3)= -0.75643E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.84

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

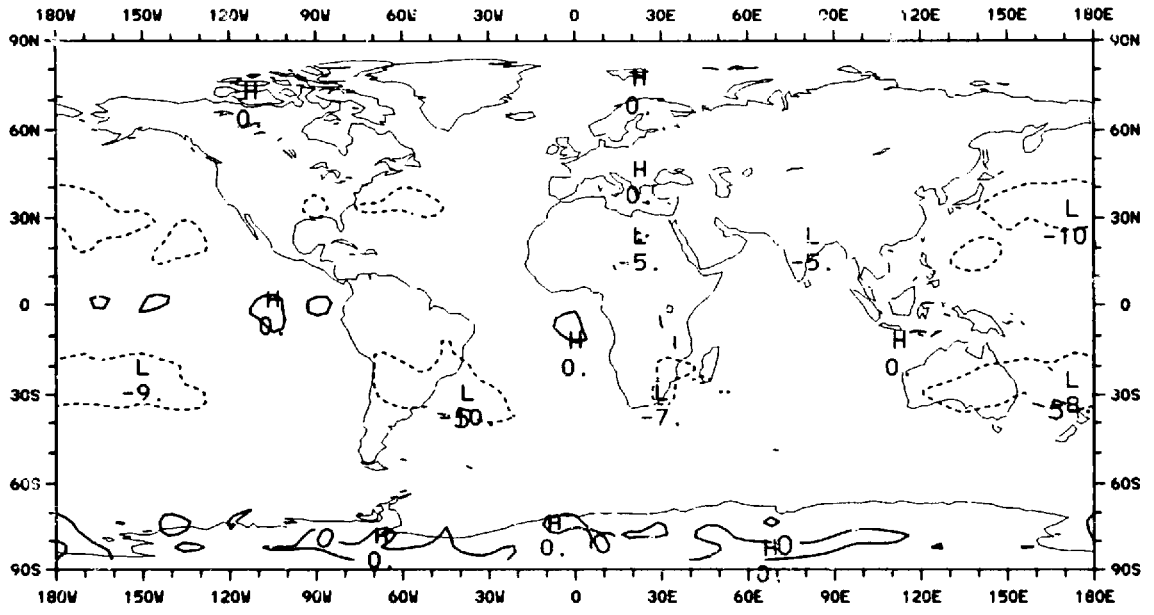



CONTOUR FROM -0.14000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.20000E-04 PT(3,3)= -0.37088E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.85

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

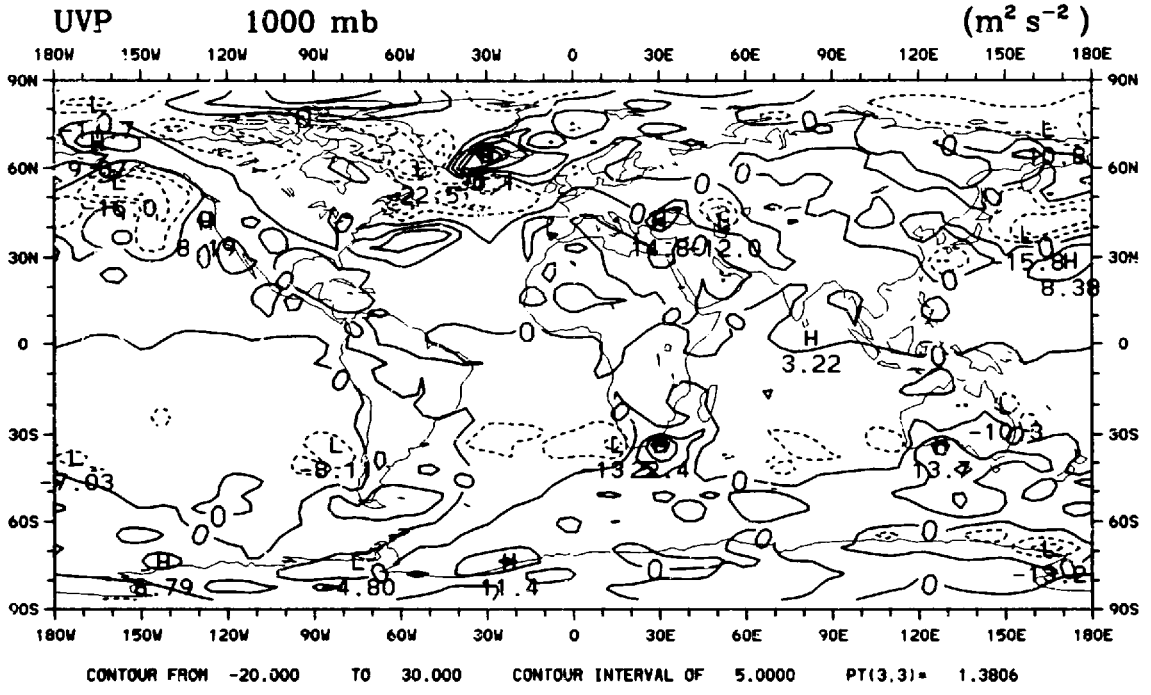
WQP 300 mb $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$




CONTOUR FROM -0.50000E-05 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-05 PT(3,3)= -0.27327E-06 LABELS SCALED BY 0.10000E+07

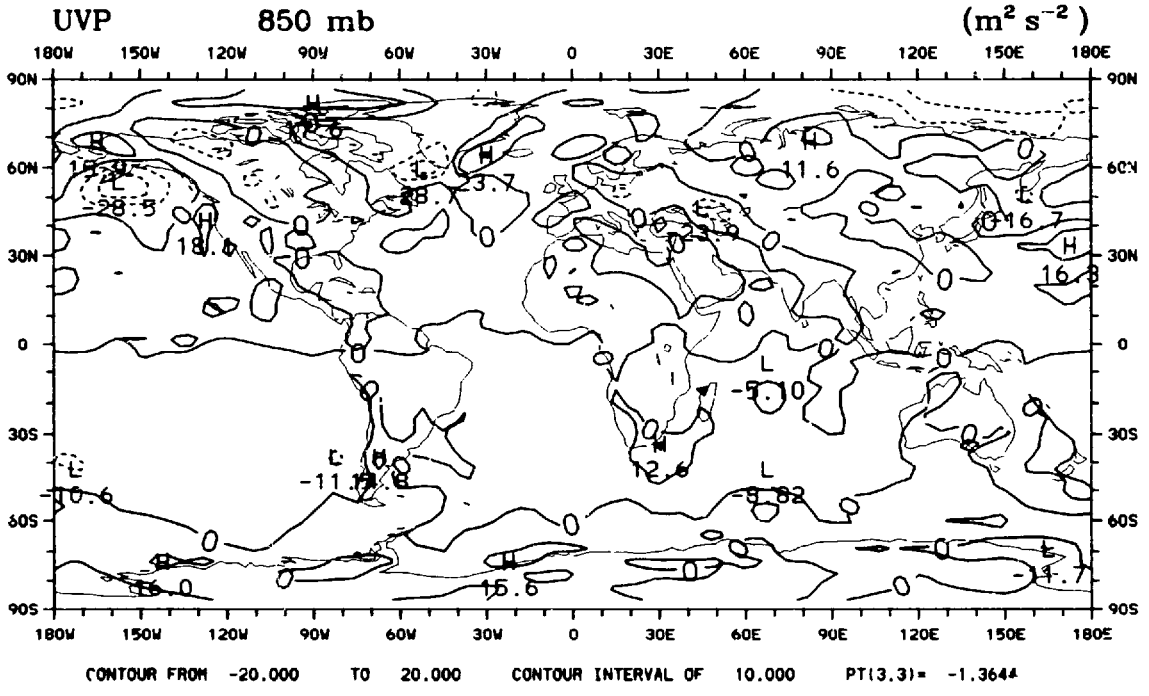
FRAME 1.86

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



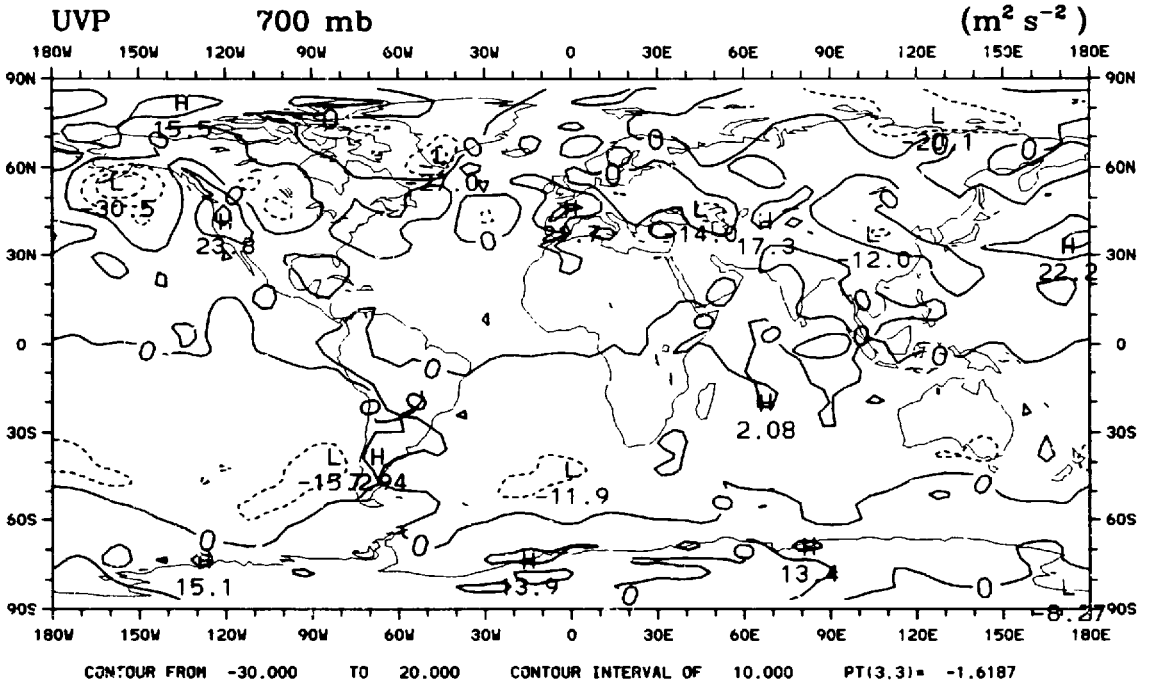

FRAME 1.87

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



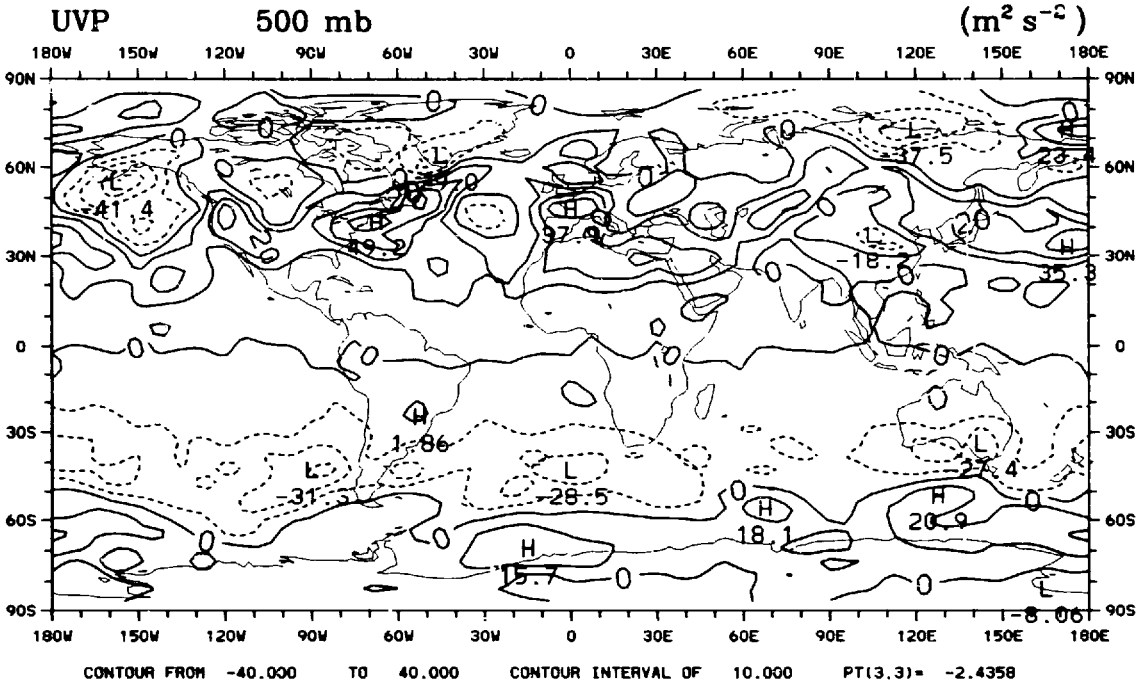

FRAME 1.88

# EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



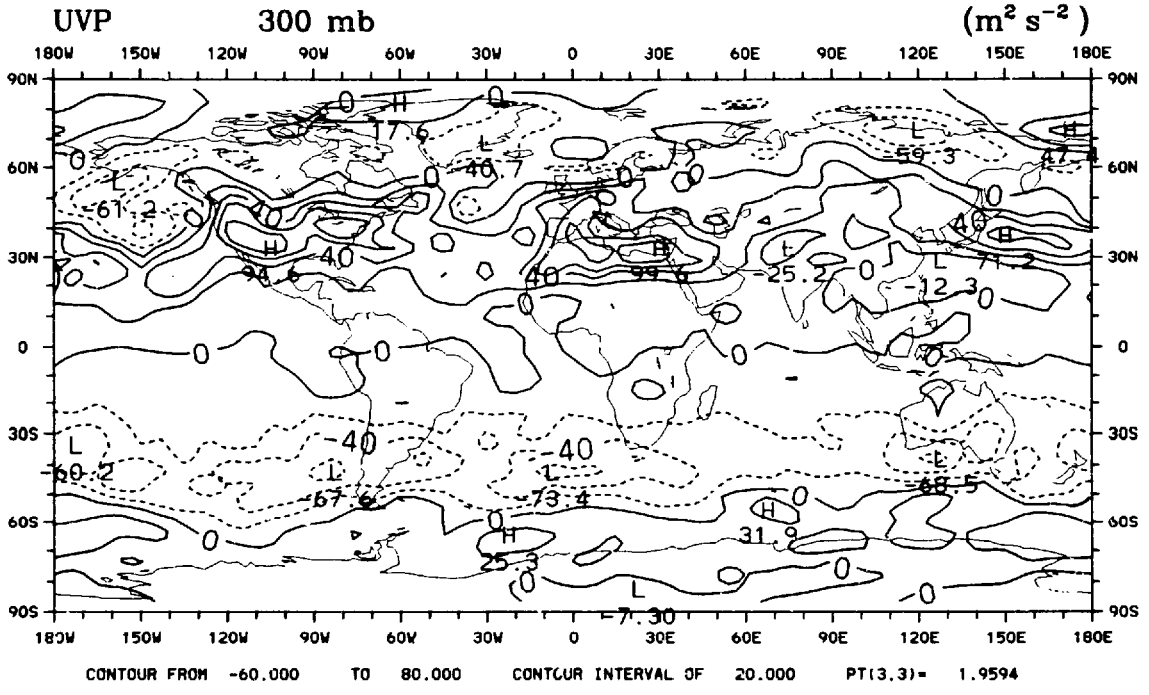

FRAME 1.89

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



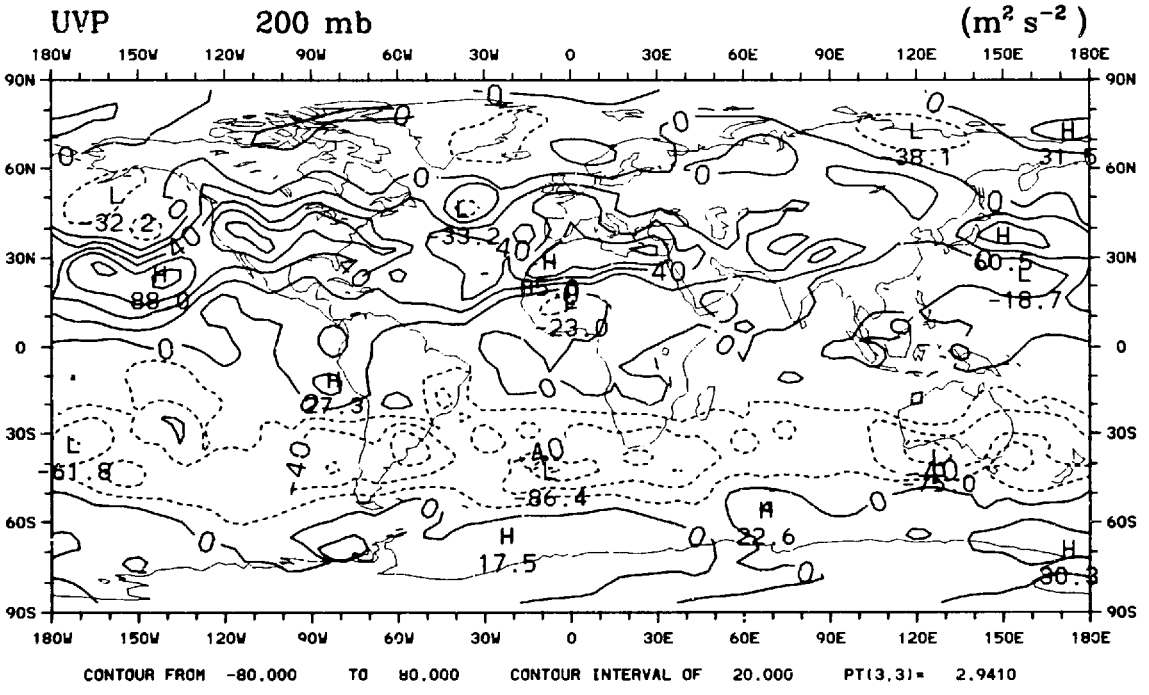

FRAME 1.90

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



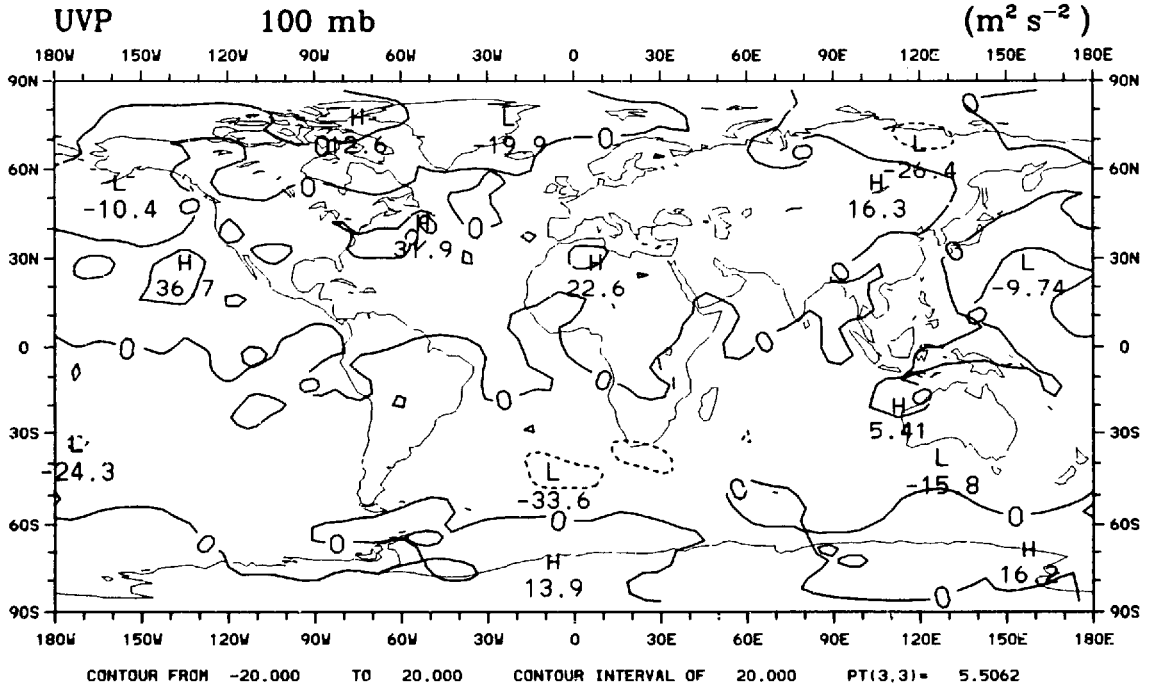

FRAME 1.91

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



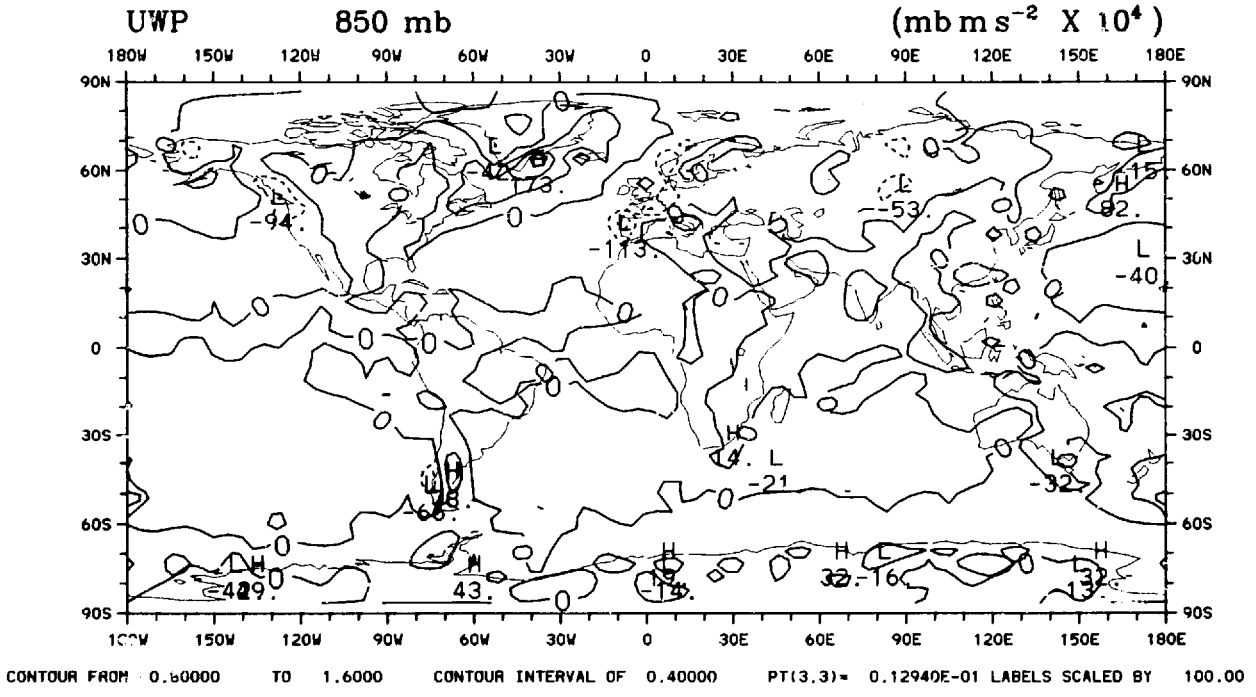

FRAME 1.92

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



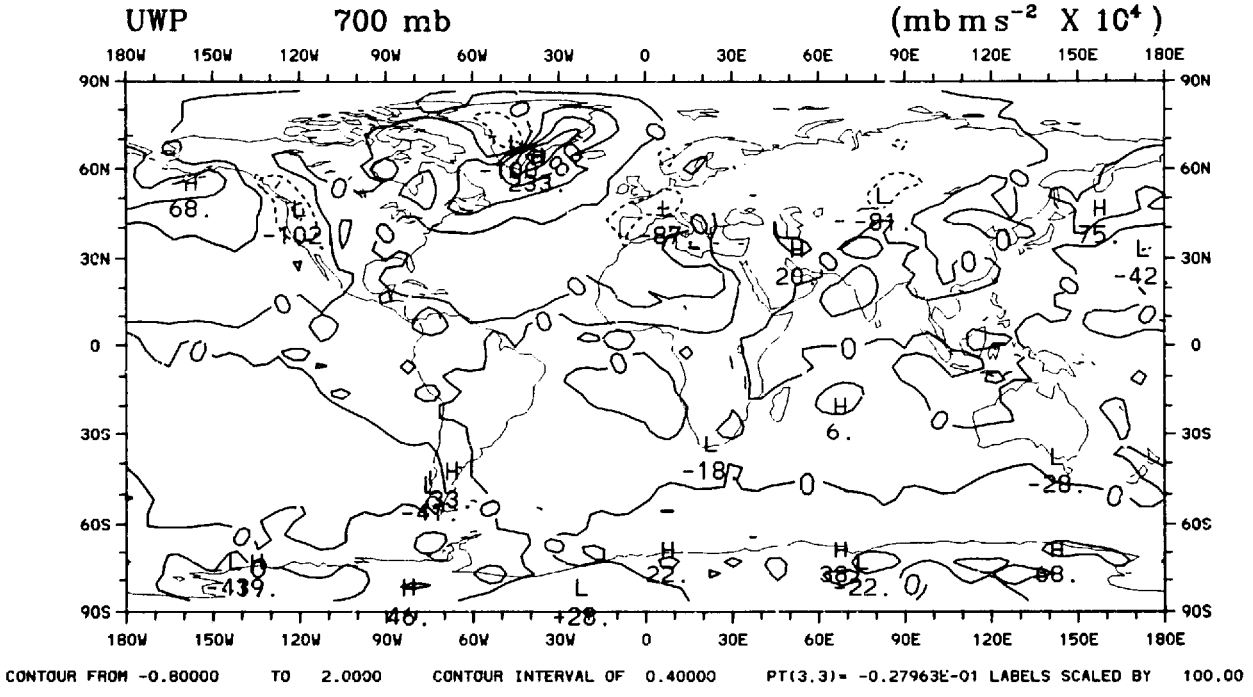

FRAME 1,93

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 1,94

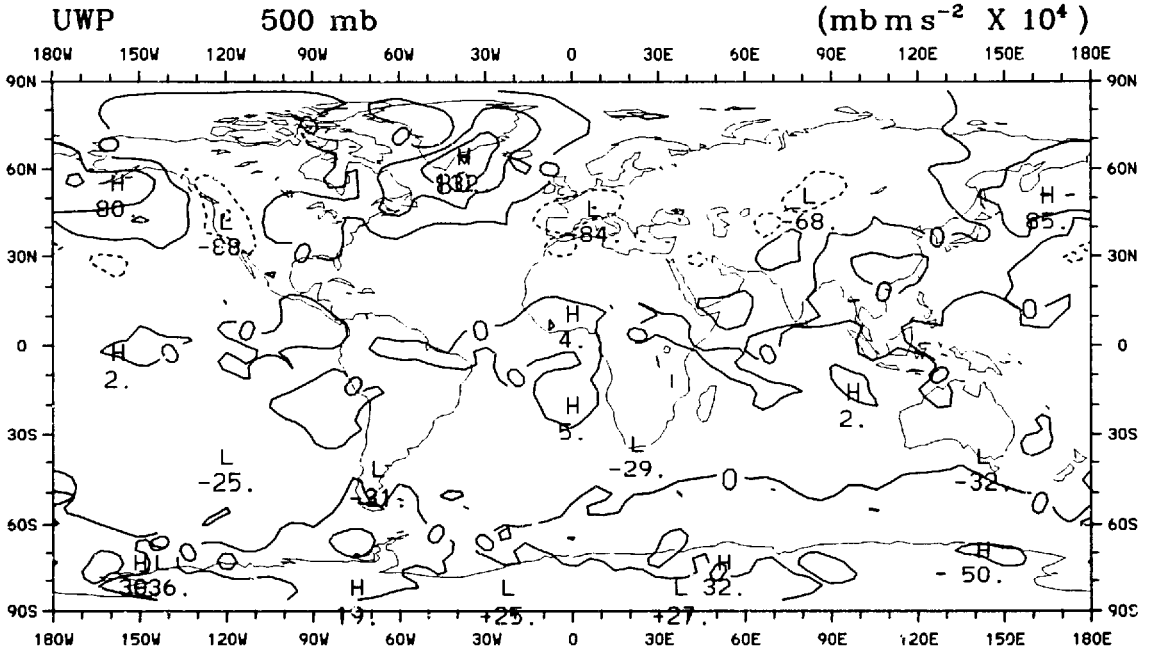
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -0.80000 TO 2.0000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= -0.27963E-01 LABELS SCALED BY 100.00

FRAME 1.95

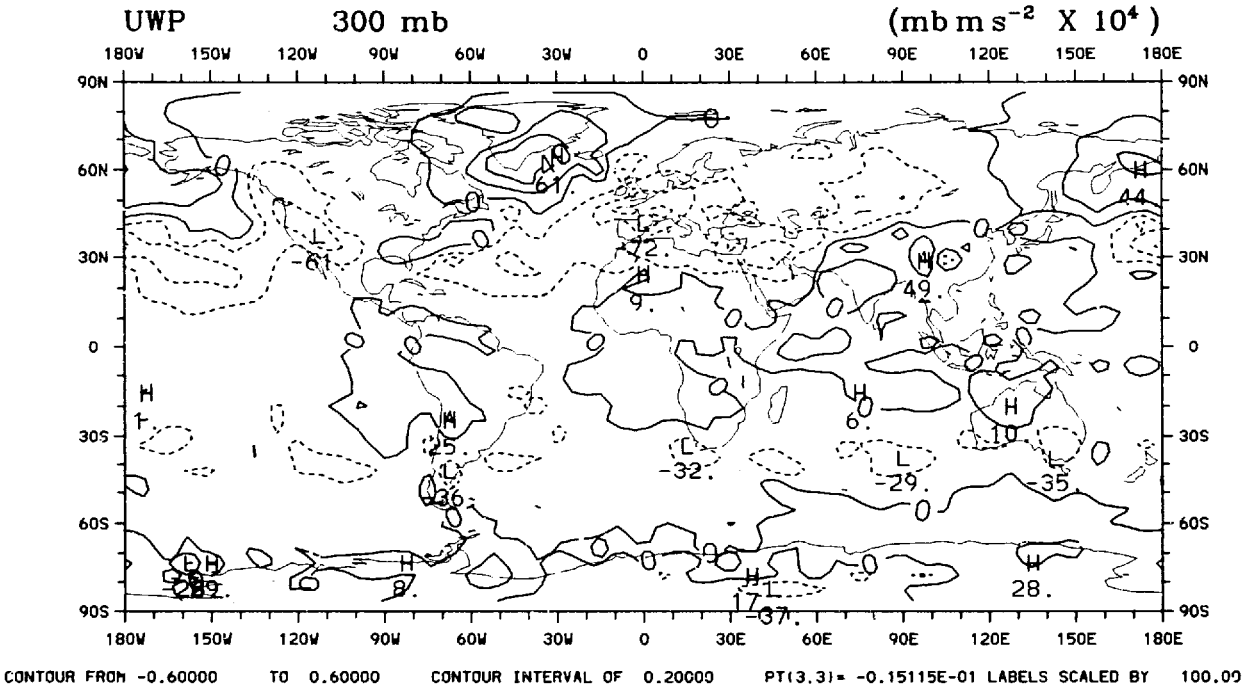
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -0.80000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= -0.33001E-01 LABELS SCALED BY 100.00

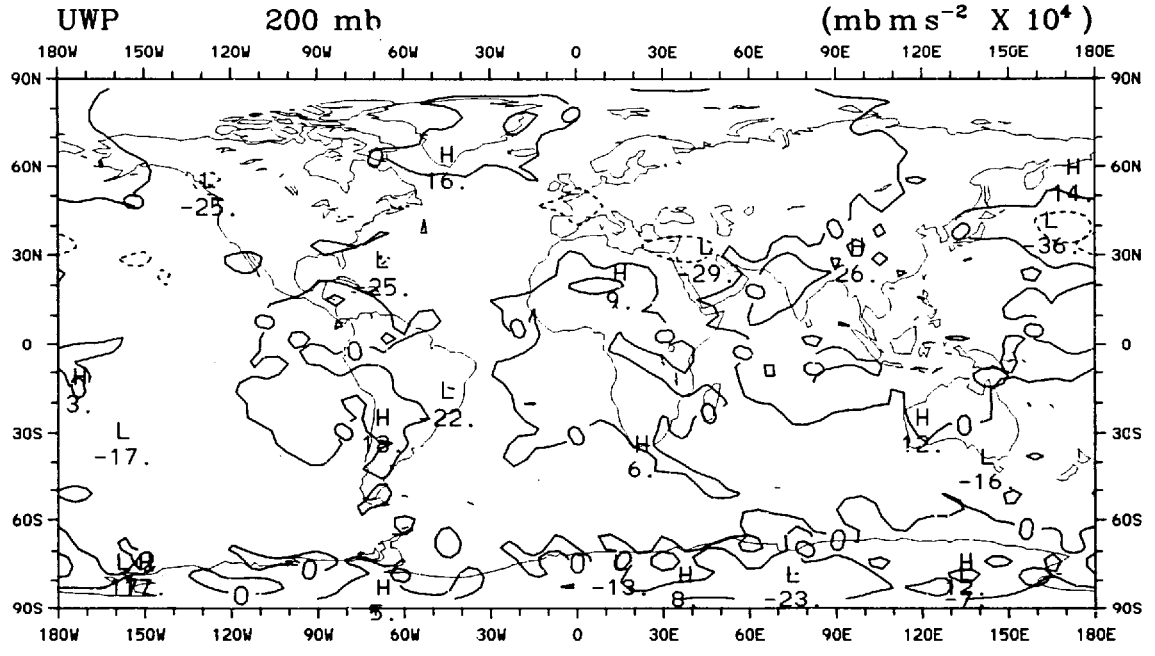
FRAME 1.96

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 1.97

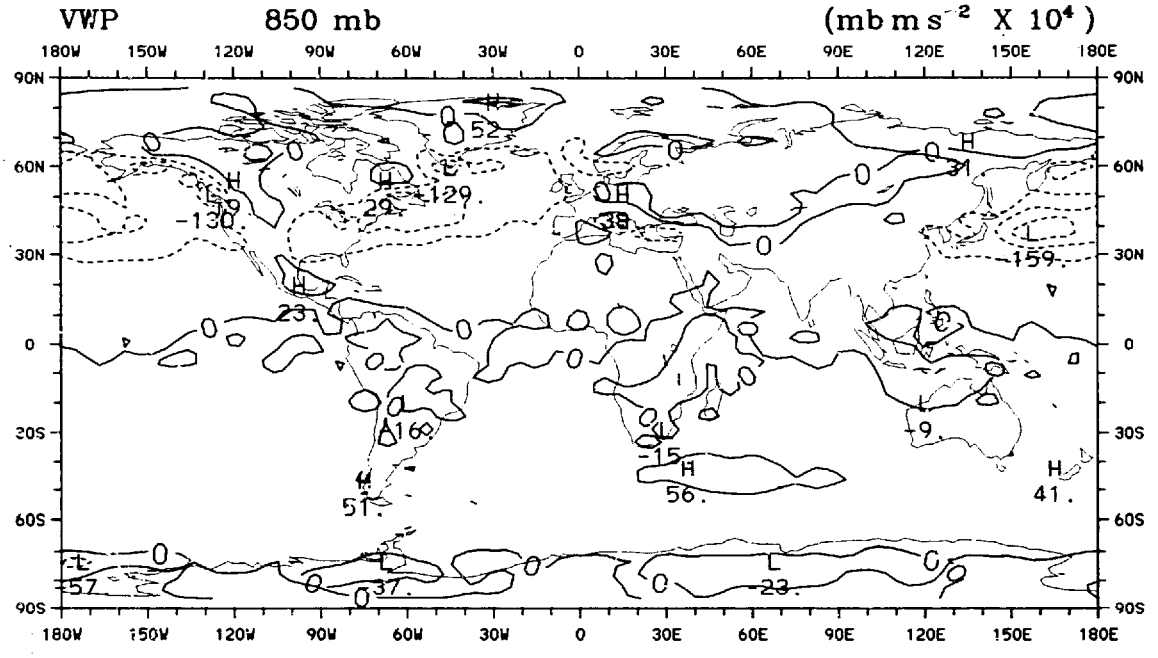
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.20000 TO 0.20000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.20292E-02 LABELS SCALED BY 100.00

FRAME 1.98

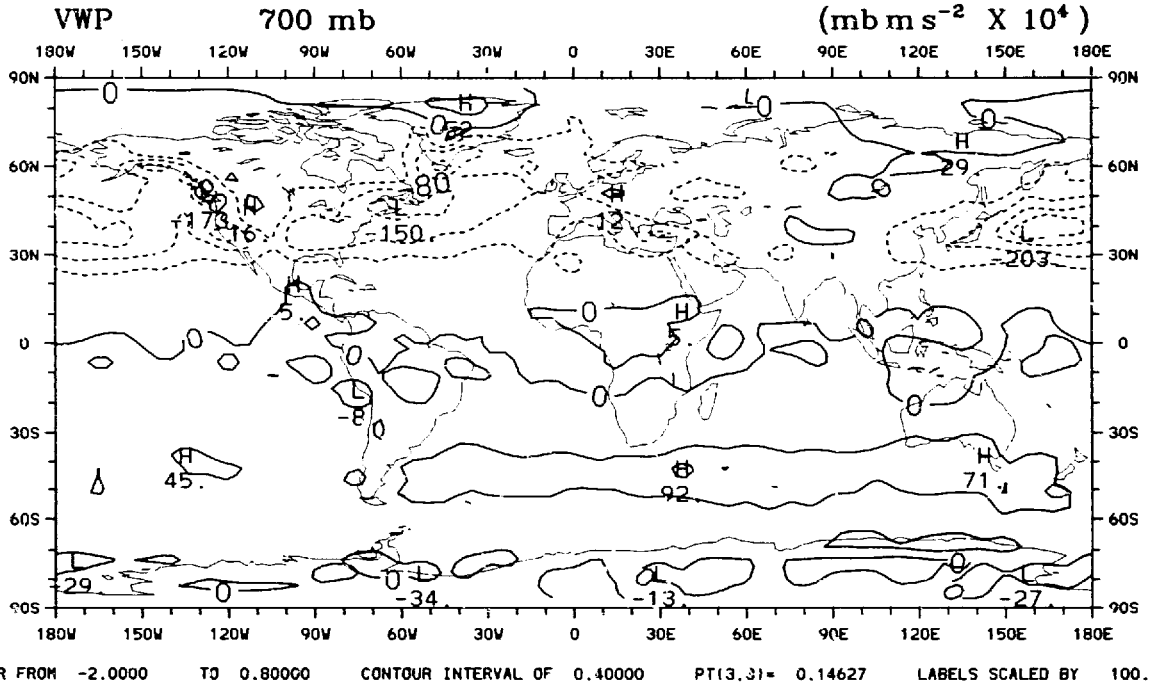
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -1.2000 TO 0.40000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.87077E-01 LABELS SCALED BY 100.00

FRAME 1.99

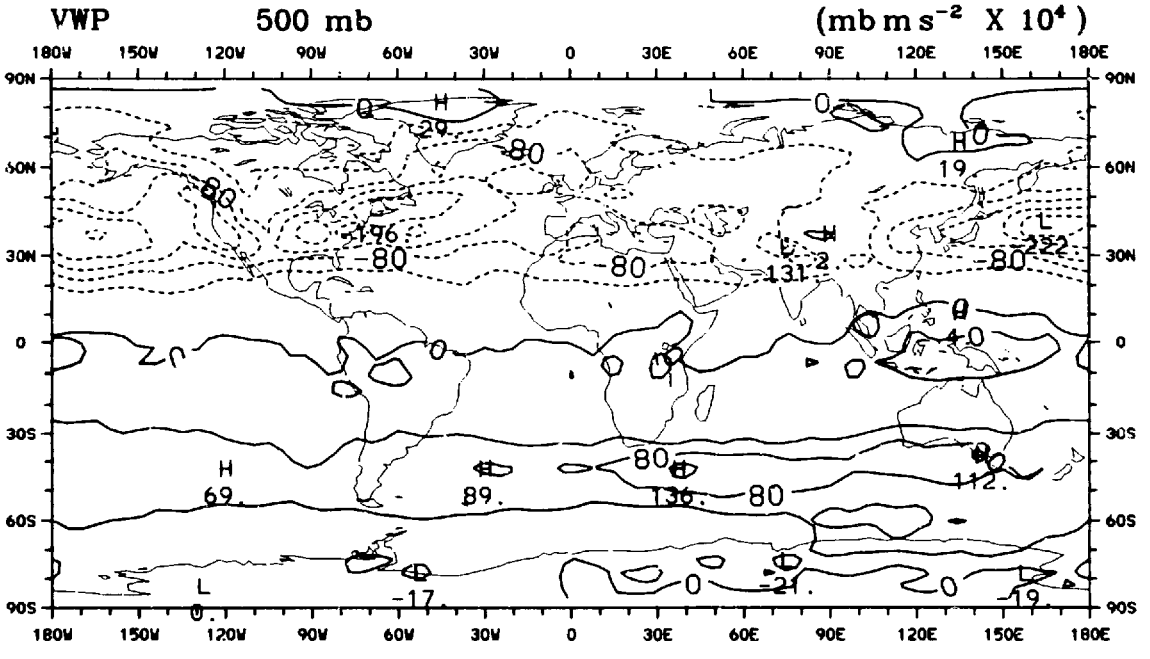
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -2.0000 TO 0.80000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.14627 LABELS SCALED BY 100.00

FRAME 1,100

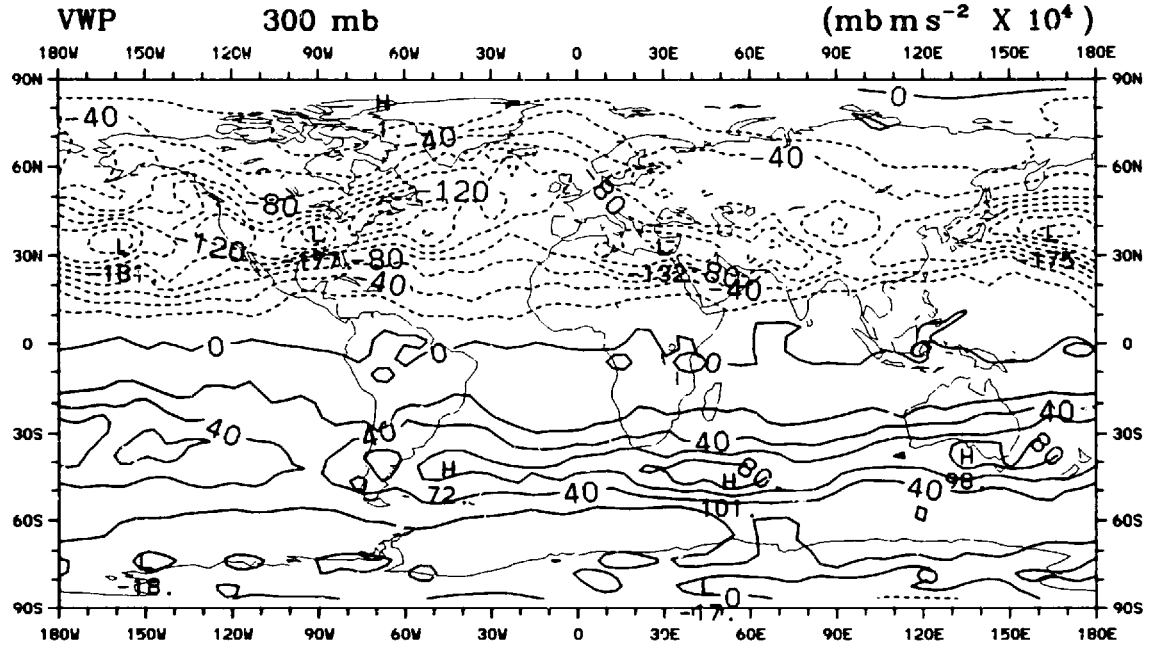
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -2.0000 TO 1.2000 CONTOUR INTERVAL OF 0.40000 PT(3,3)= 0.14611 LABELS SCALED BY 100.00

FRAME 1.101

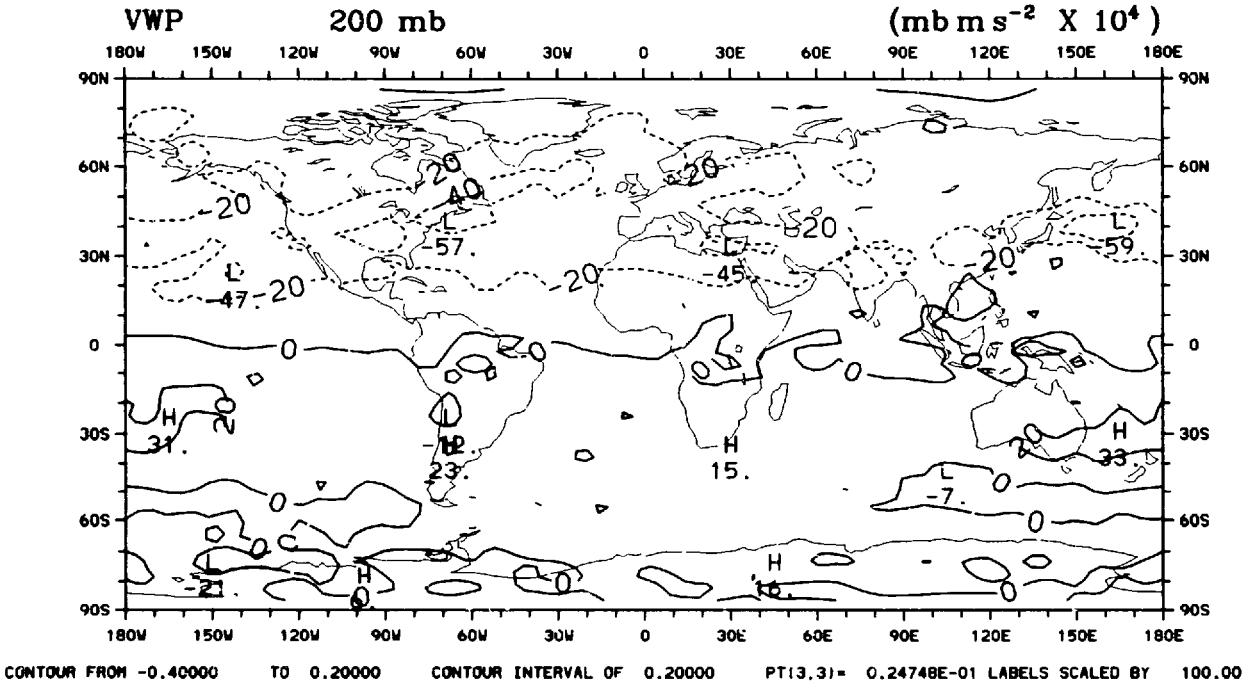
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -1.8000 TO 1.0000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.62322E-01 LABELS SCALED BY 100.00

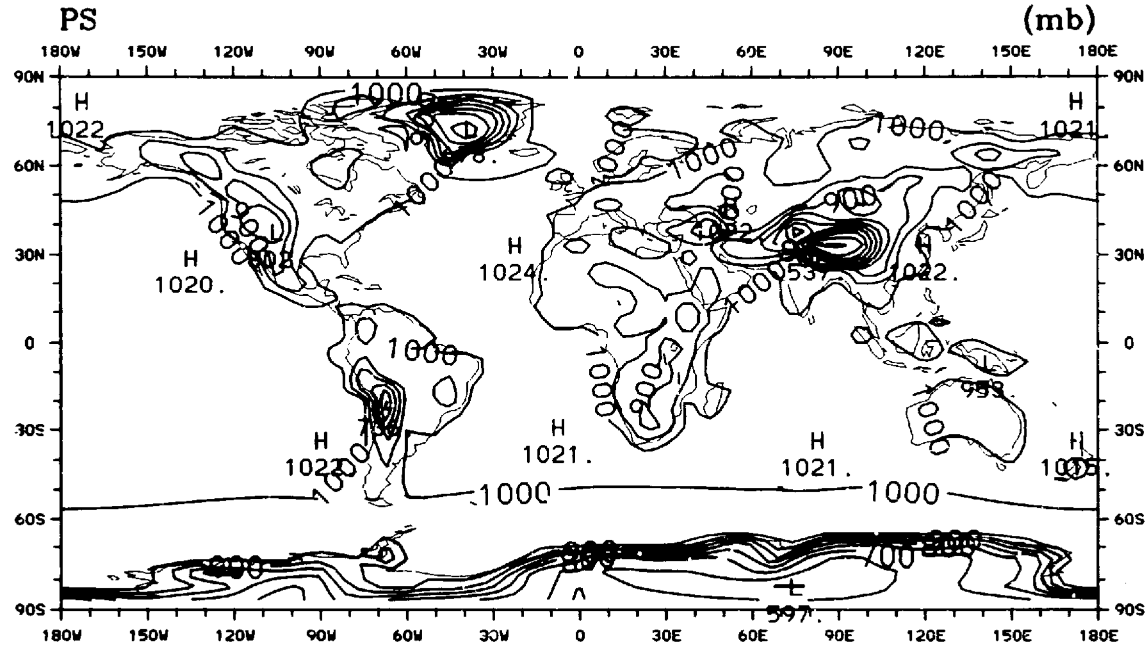
FRAME 1.102

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.103

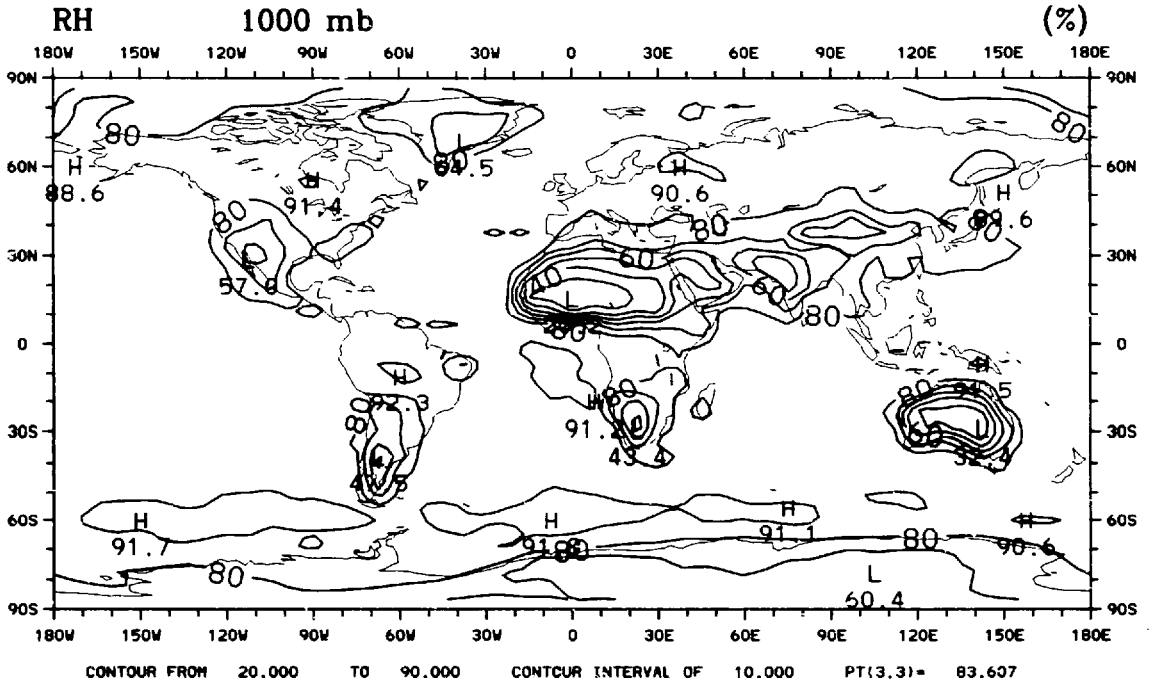
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 50000. TO 0.10000E+06 CONTOUR INTERVAL OF 5000.0 PT(3,3)= 98623. LABELS SCALED BY 0.10000E-01

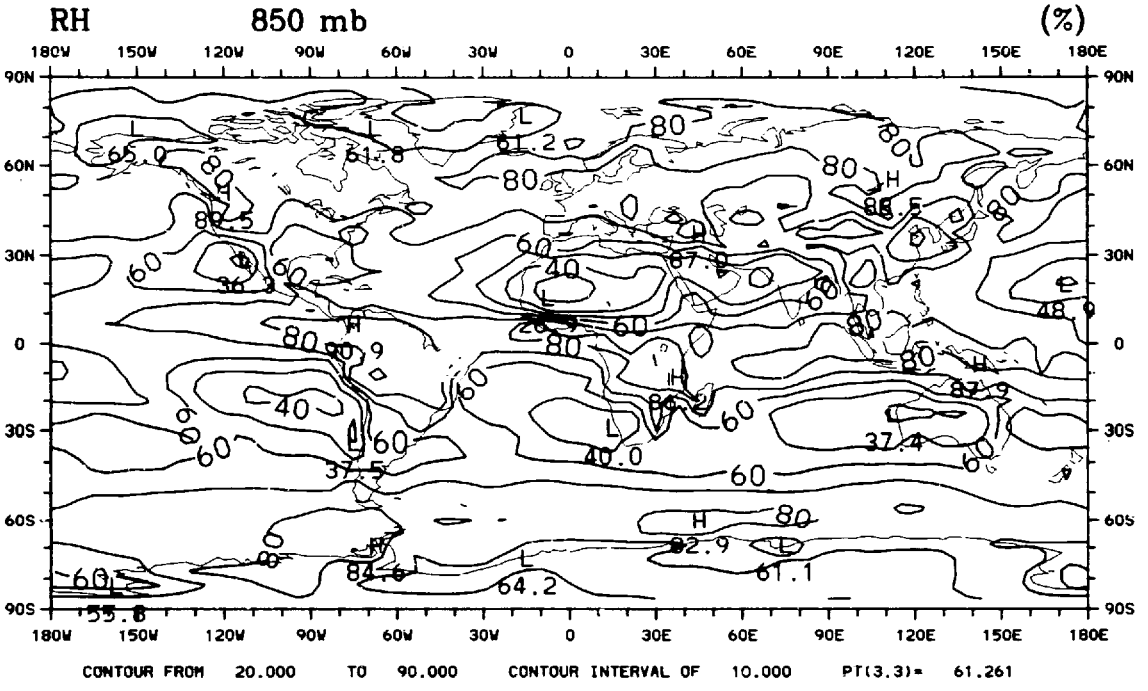
FRAME 1.104

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



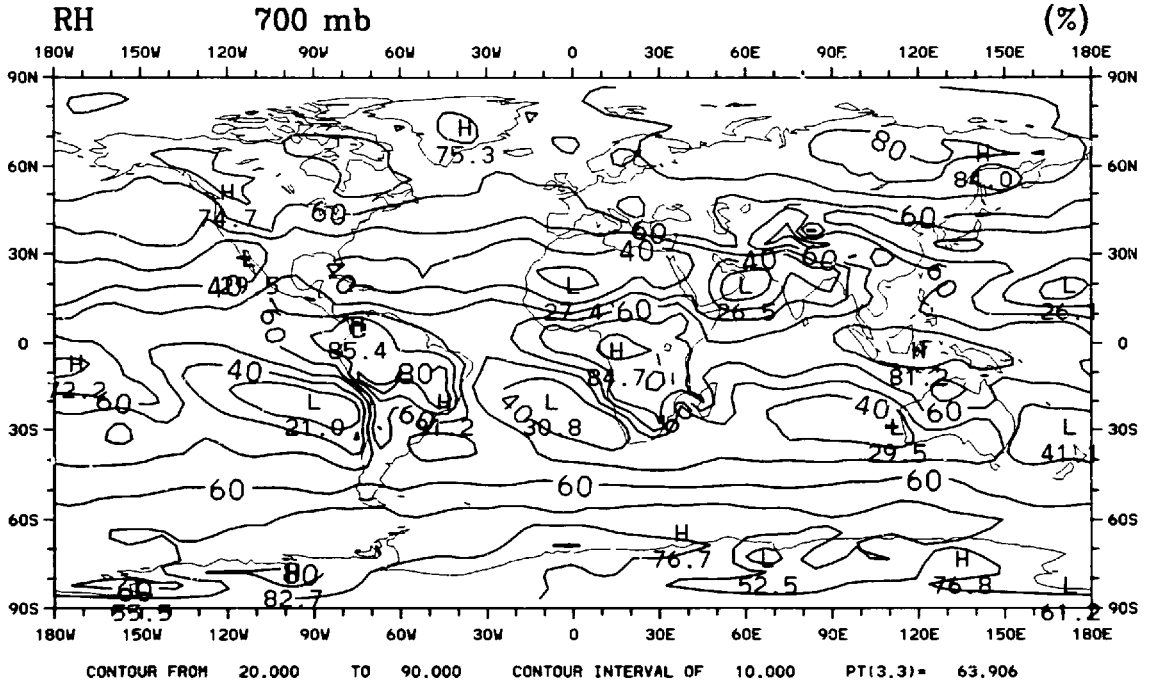

FRAME 1.105

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



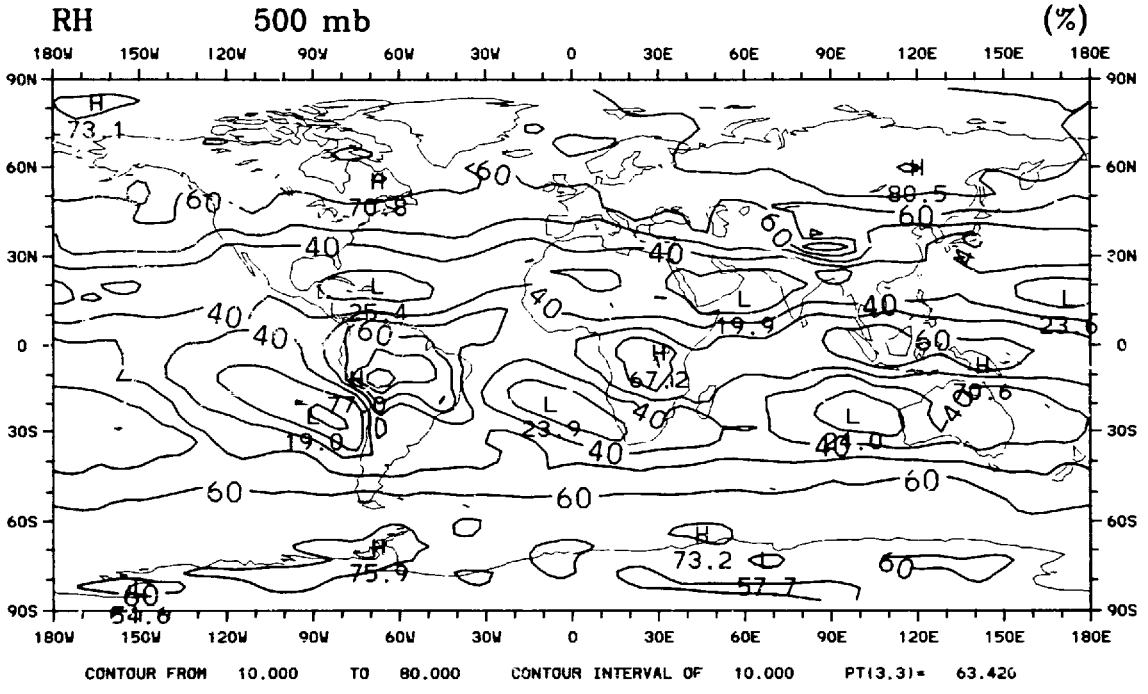

FRAME 1.106

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



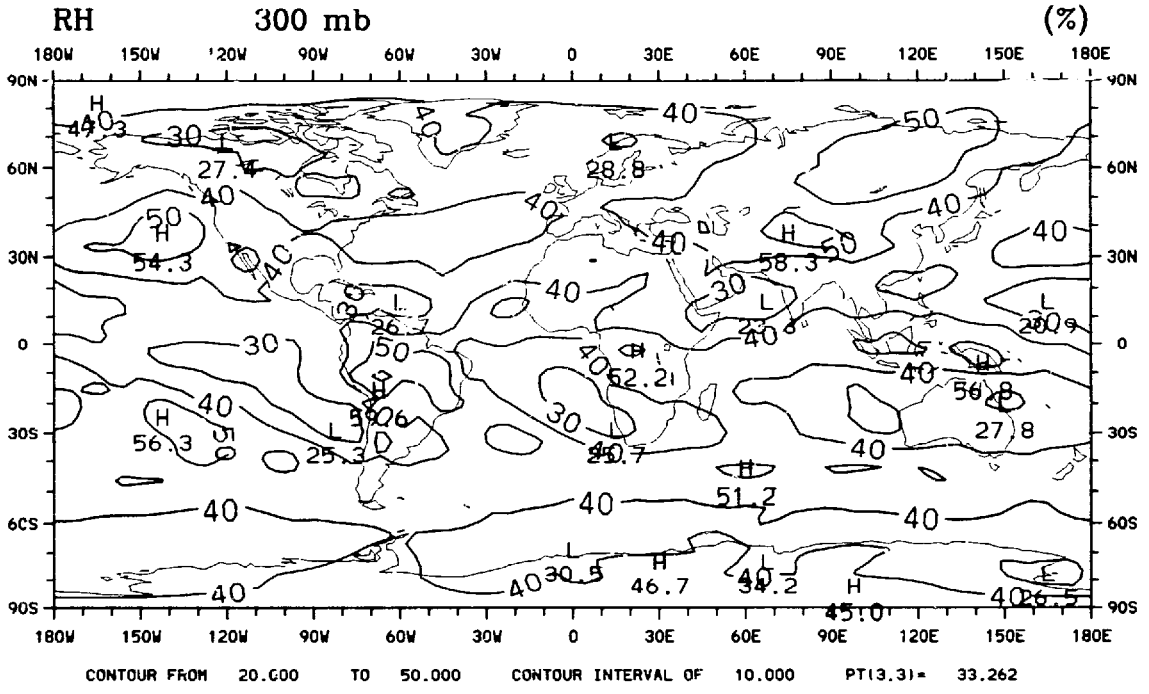

FRAME 1.107

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.108

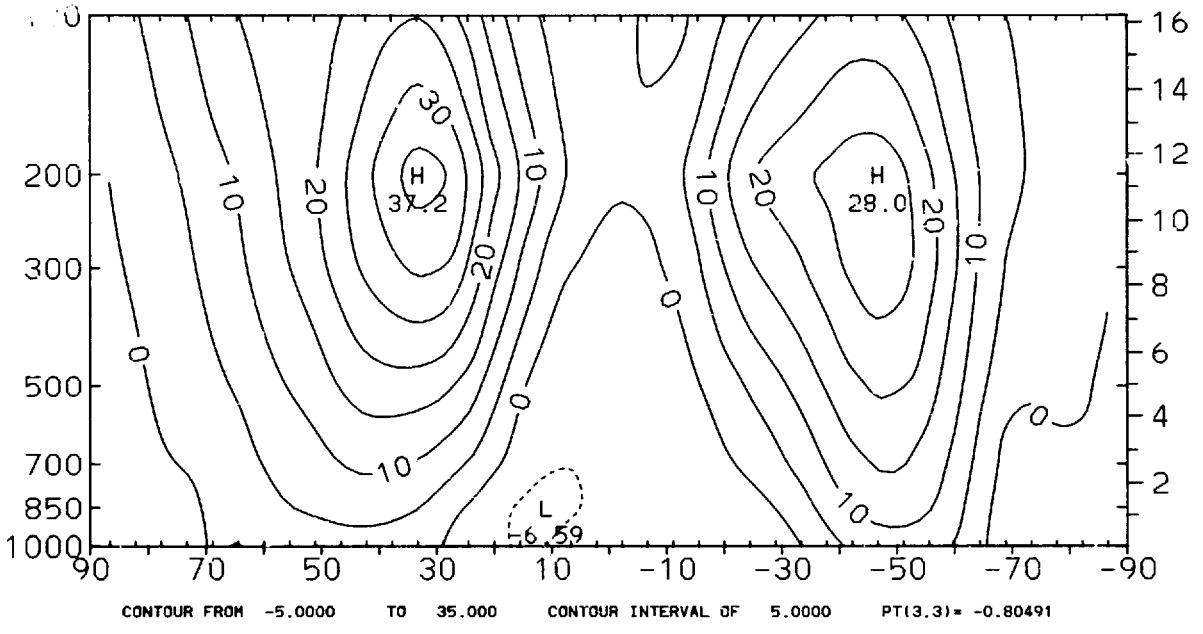
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 1.109

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

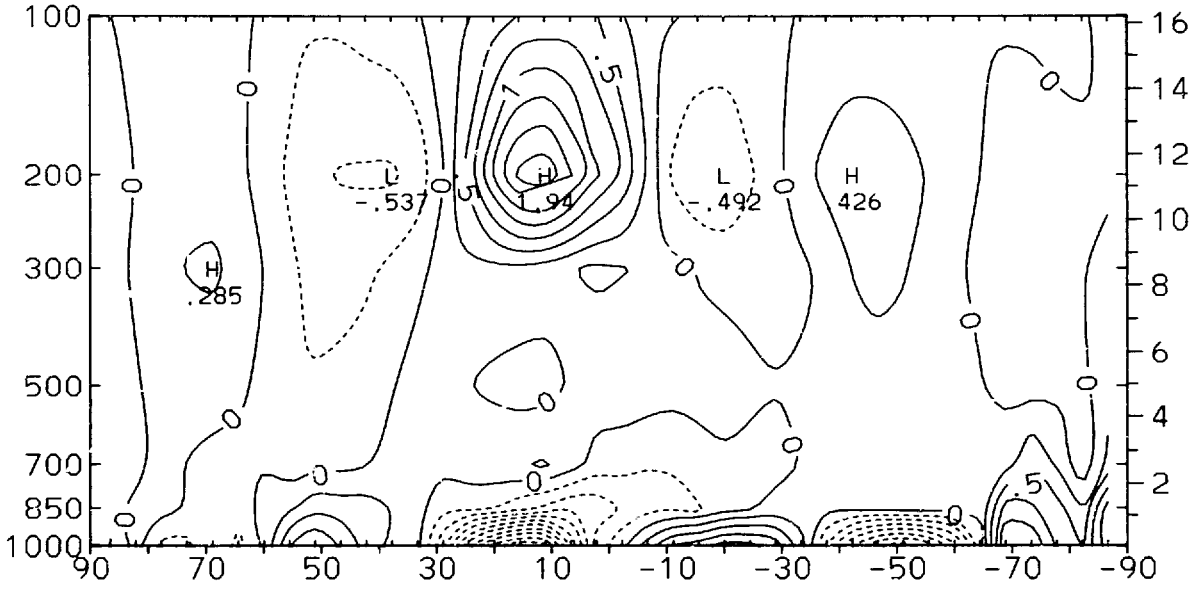
U (m s$^{-1}$)




FRAME 1.110

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

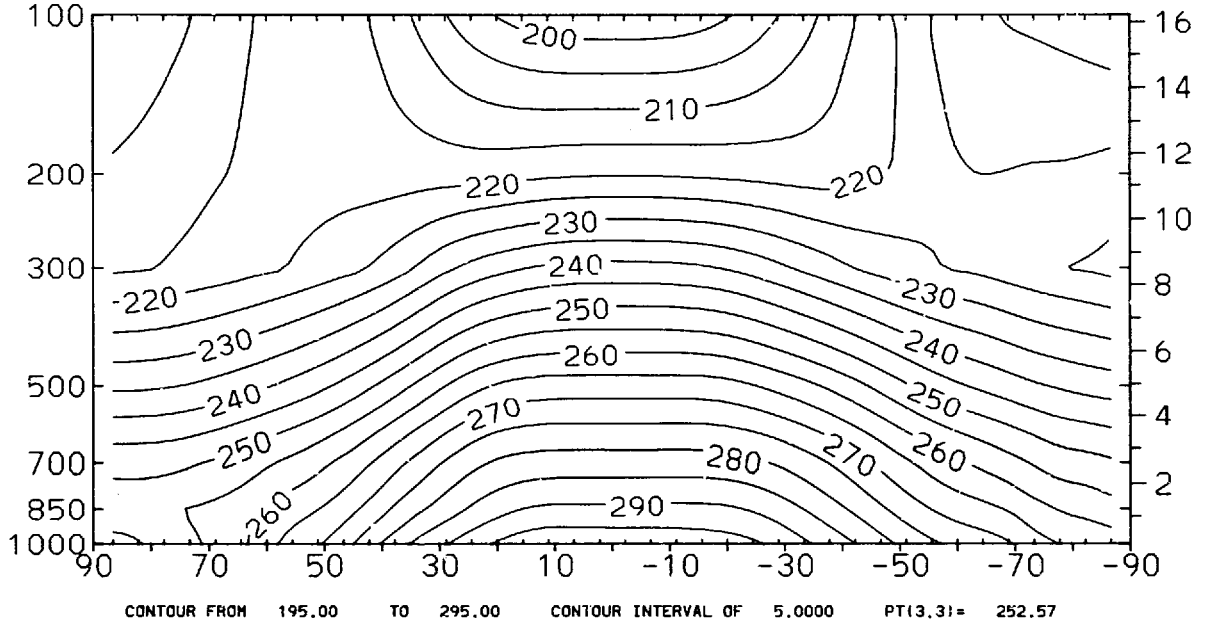
V (m s$^{-1}$)




FRAME 1.111

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

T ($^0$ K)

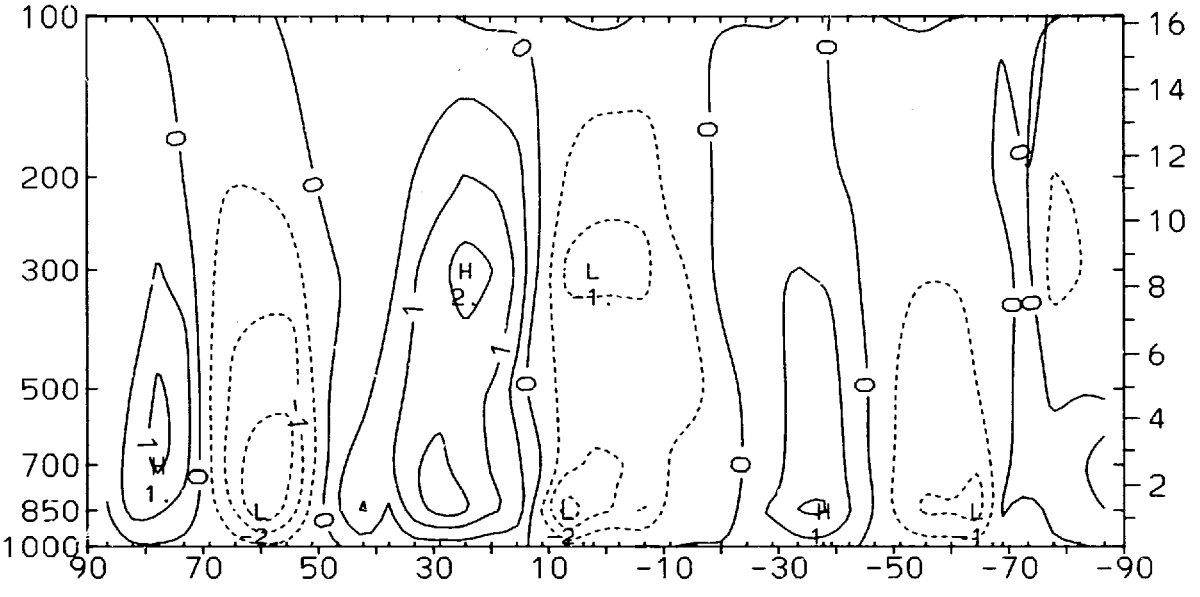



CONTOUR FROM 195.00 TO 295.00 CONTOUR INTERVAL OF 5.0000 PT(3,3)= 252.57

FRAME 1.112

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

OMEGA ($mb\,s^{-1}$ X $10^4$)

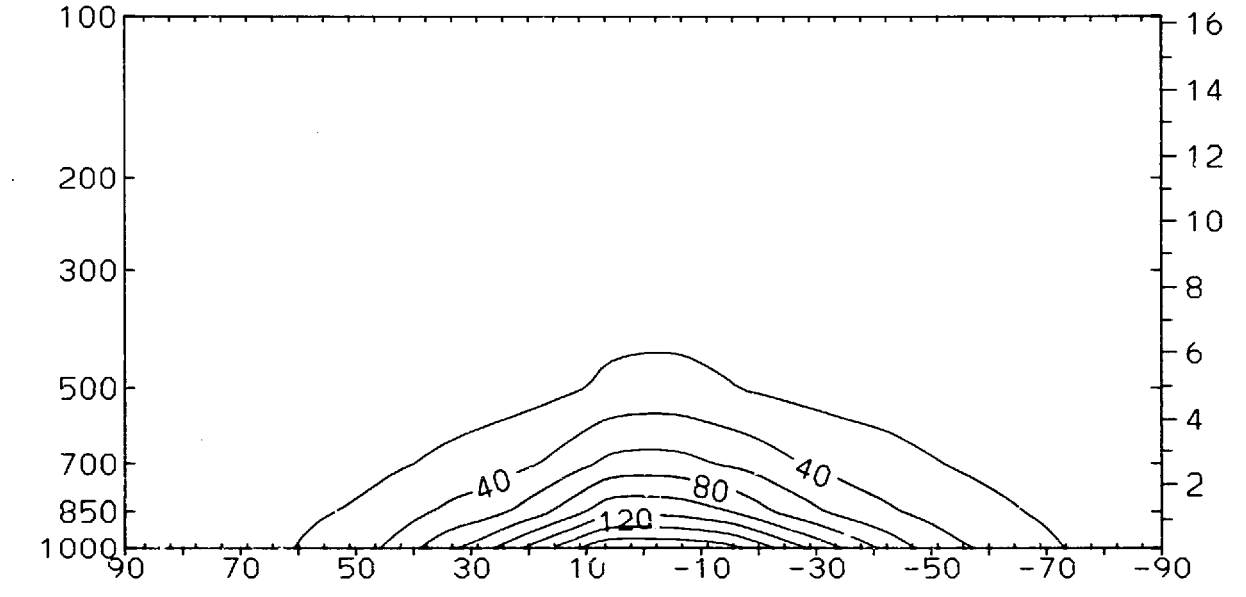



CONTOUR FROM -0.15000E-01 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.21418E-02 LABELS SCALED BY 100.00

FRAME 1.113

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

Q (g kg$^{-1}$ X 10)

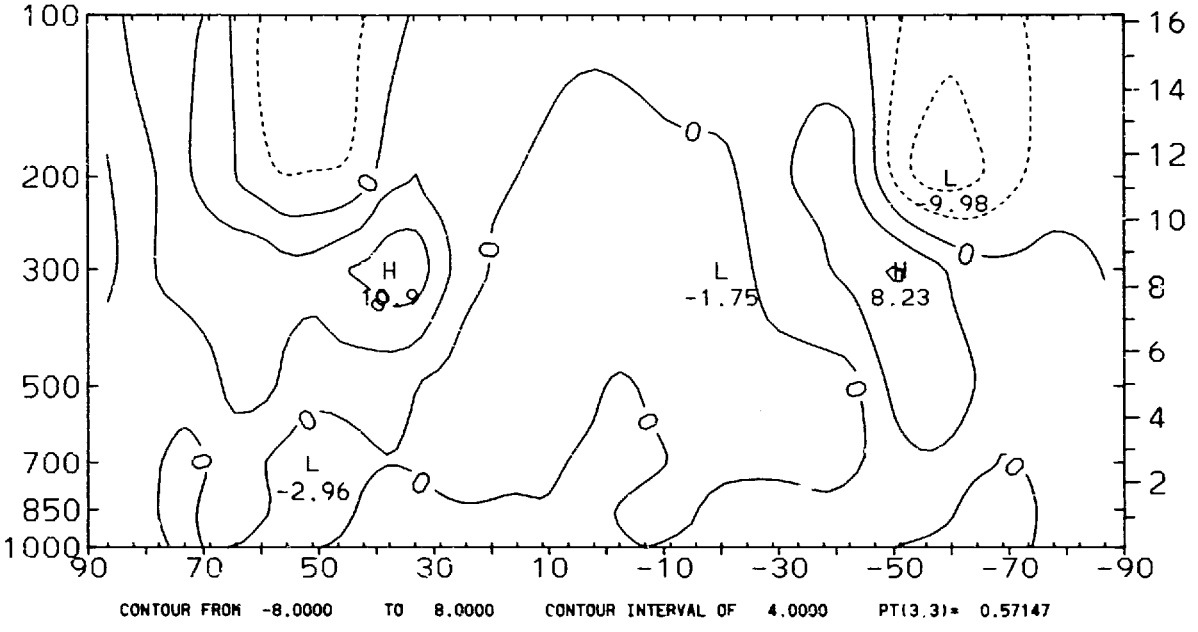



CONTOUR FROM 0.00000 TO 0.16000E-01 CONTOUR INTERVAL OF 0.20000E-02 PT(3,3)= 0.84509E-03 LABELS SCALED BY 10000.

FRAME 1.114

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

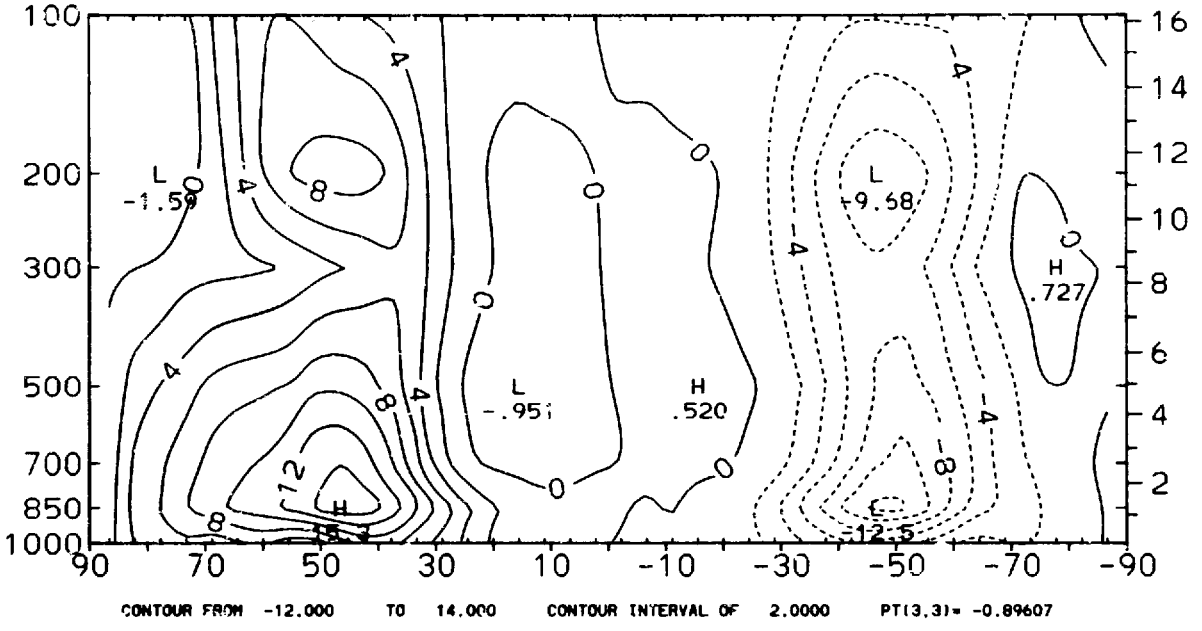
UTP ($^0$K m s$^{-1}$)




FRAME 1.115

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

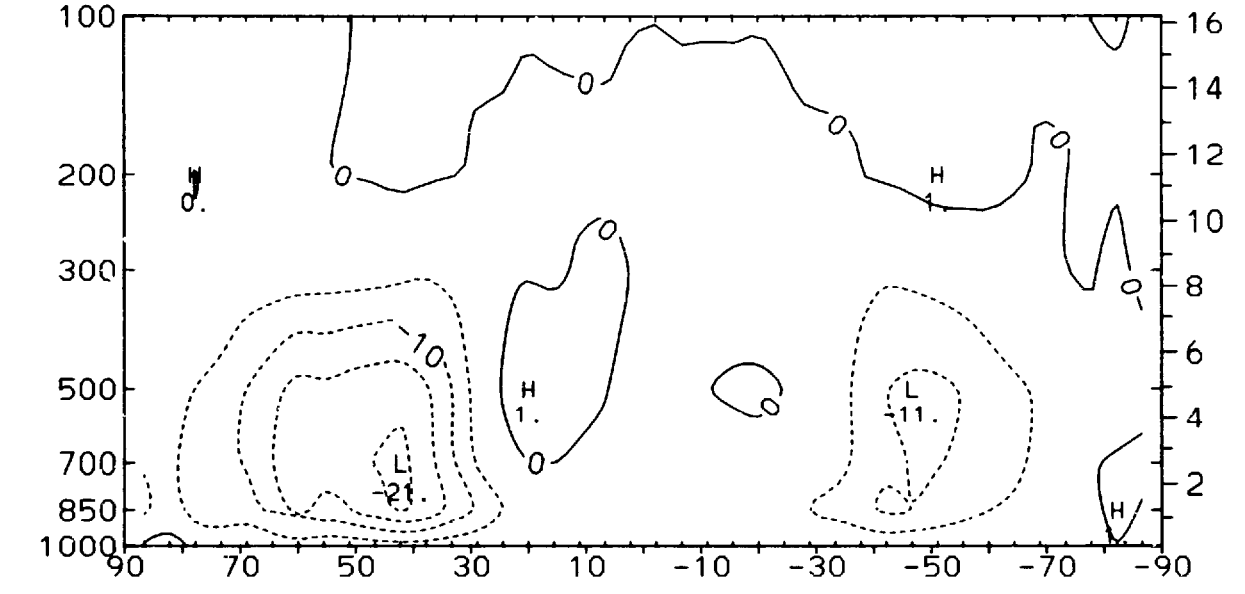
VTP ($^0$ K m s$^{-1}$)




FRAME 1.116

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

WTP ($^0$ K mb s$^{-1}$ X $10^4$)

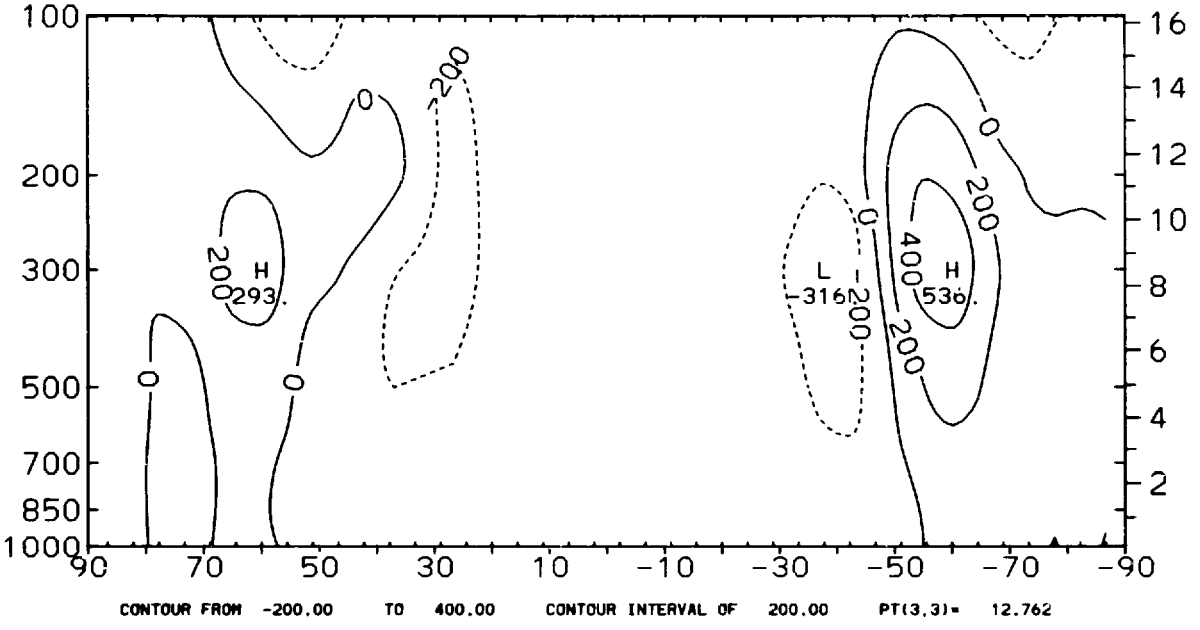



CONTOUR FROM -0.20000 TO 0.00000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= -0.30328E-02 LABELS SCALED BY 100.00

FRAME 1.117

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

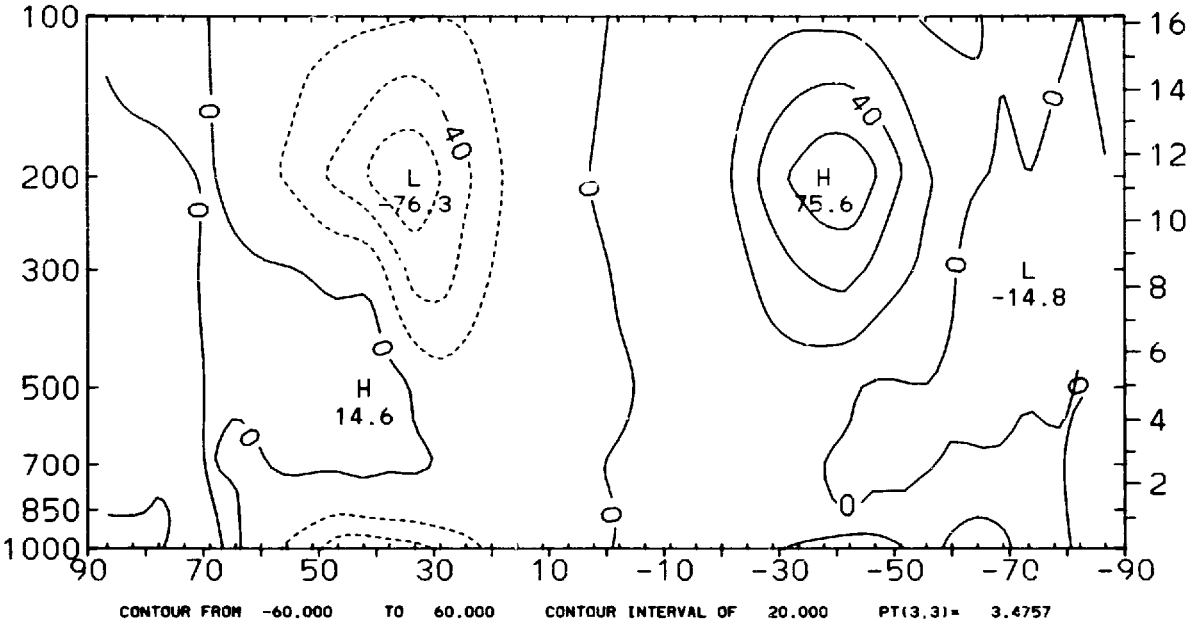
UZP ($m^2 s^{-1}$)




FRAME 1.118

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

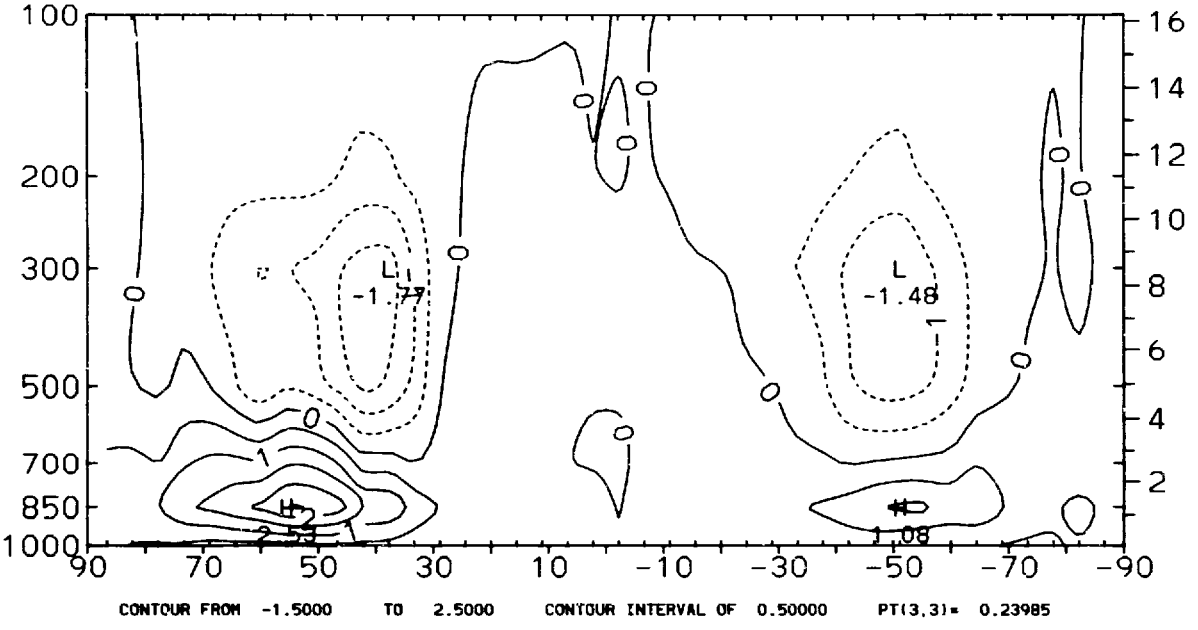
VZP $(m^2 s^{-1})$




FRAME 1.119

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

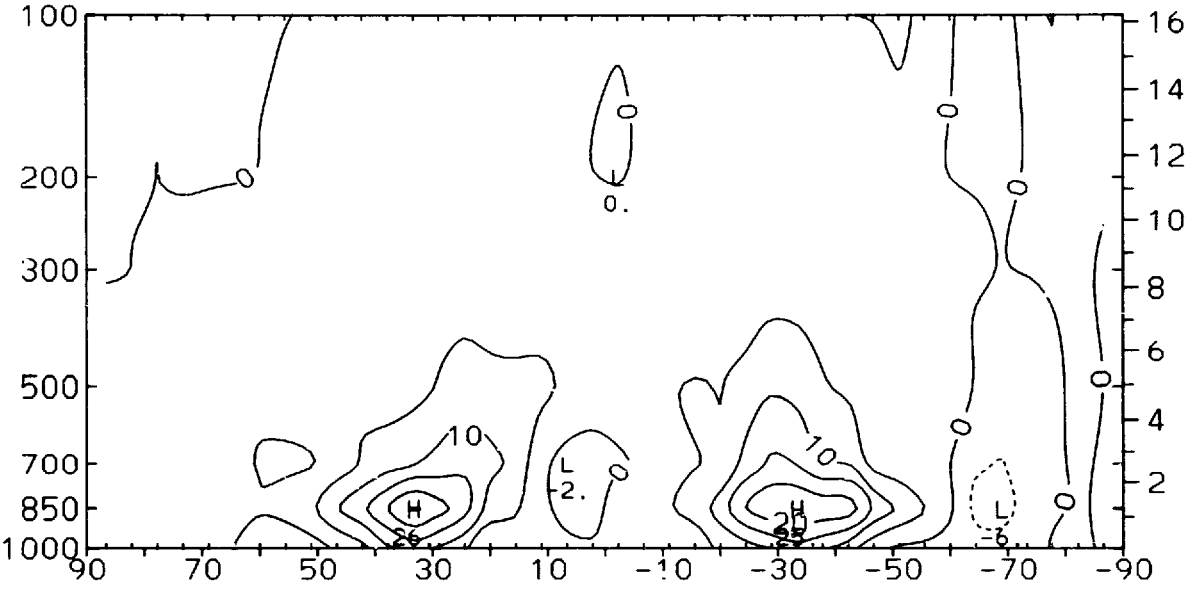
WZP (mb m $s^{-1}$ X $10^2$)




FRAME 1.120

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

UQP ((g kg$^{-1}$)m s$^{-1}$ X 10)

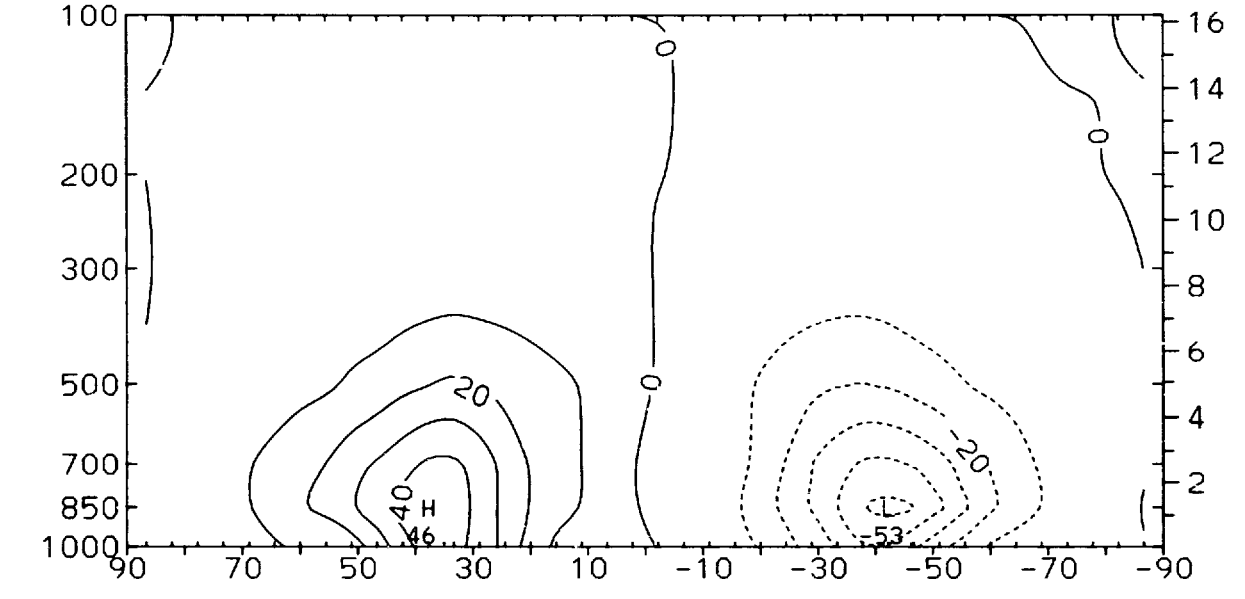



CONTOUR FROM -0.50000E-03 TO 0.25000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.56170E-04 LABELS SCALED BY 10000.

FRAME 1.121

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

VQP $((g\,kg^{-1})m\,s^{-1}$ X 10)

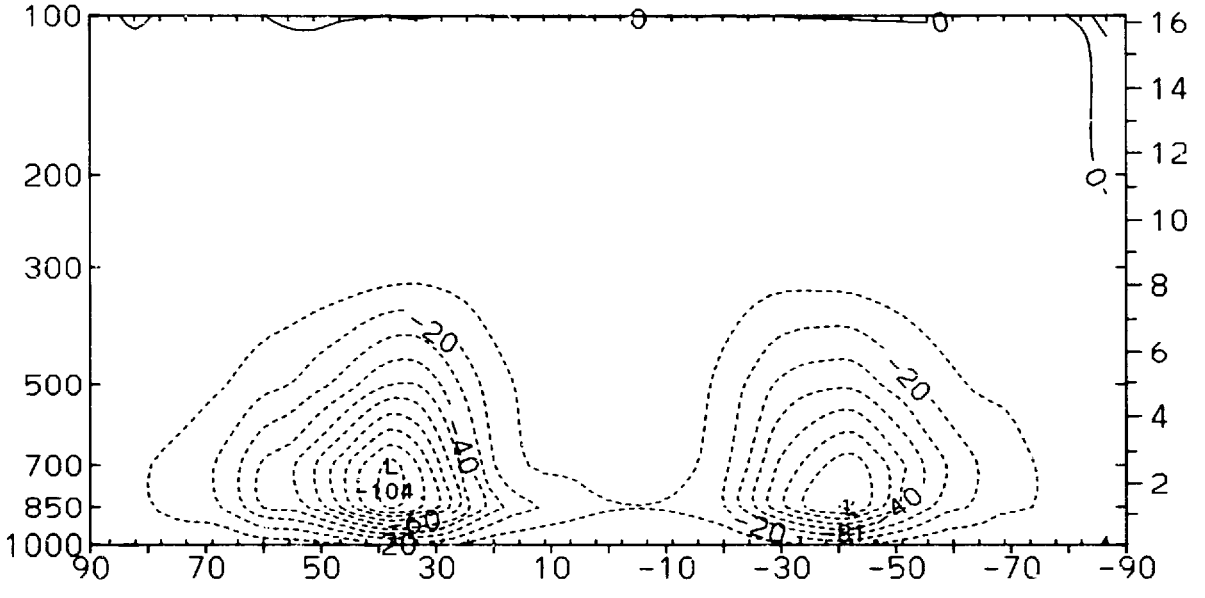



CONTOUR FROM -0.50000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.2274%E-03 LABELS SCALED BY 10000.

FRAME 1.122

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

WQP $((g\,kg^{-1})mb\,s^{-1}\ X\ 10^5)$

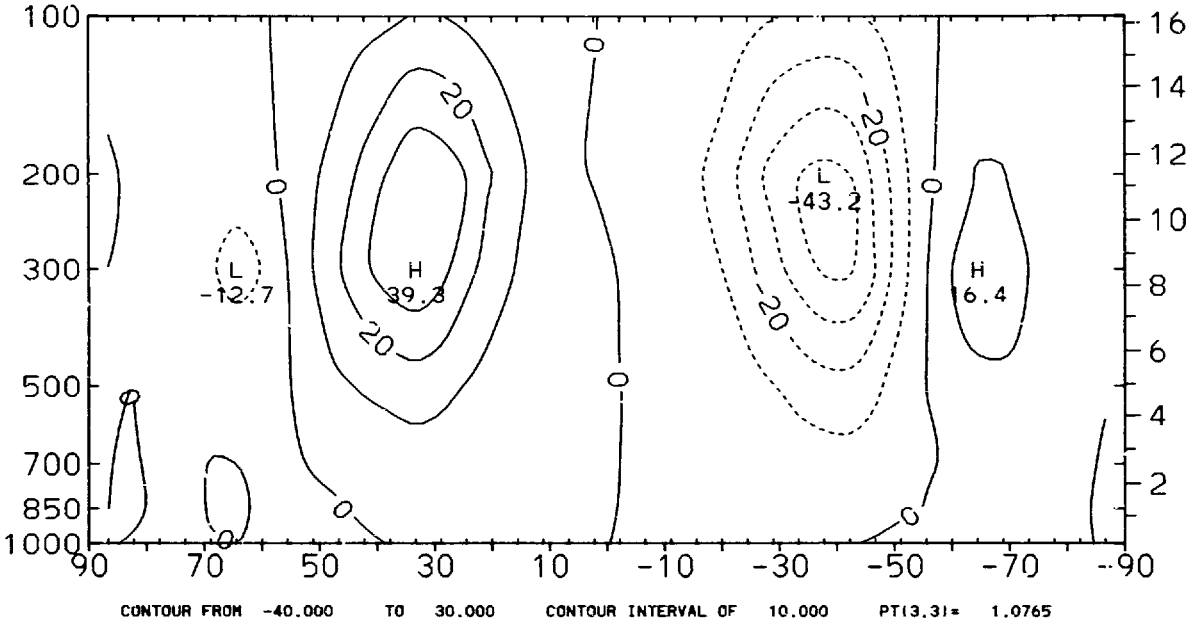



CONTOUR FROM -0.10000E-03 TO 0.00000 CONTOUR INTERVAL OF 0.10000E-04 PT(3,3)= -0.57292E-05 LABELS SCALED BY 0.10000E+07

FRAME 1.123

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

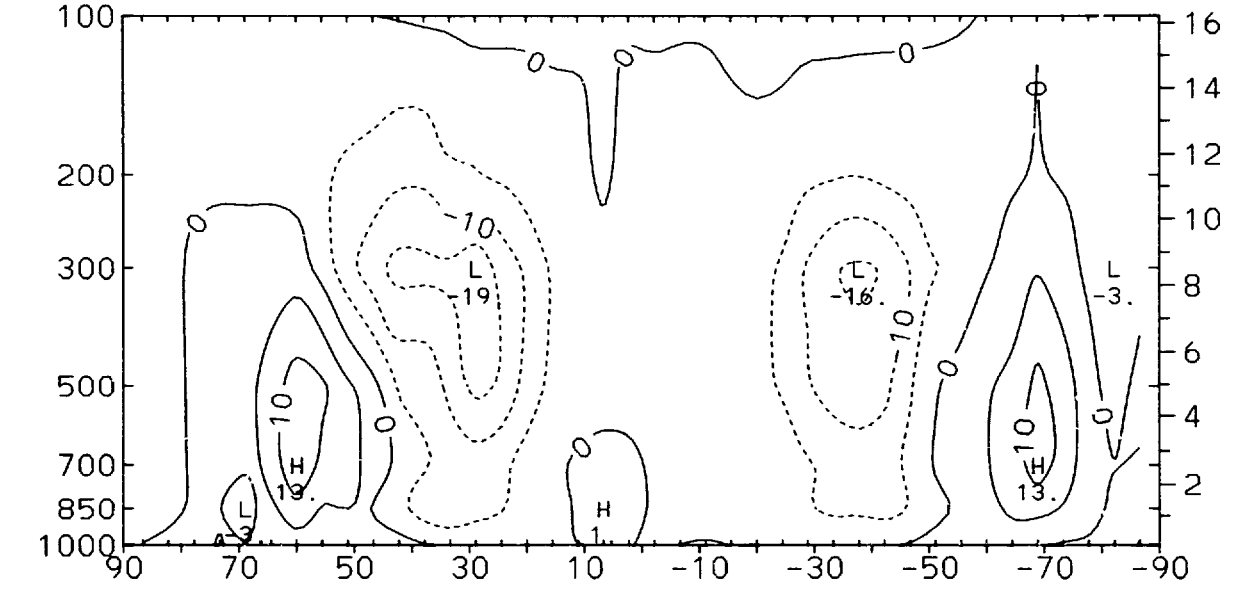
UVP $(m^2 s^{-2})$




FRAME 1.124

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

UWP (mb m s$^{-2}$ X 10$^{4}$)

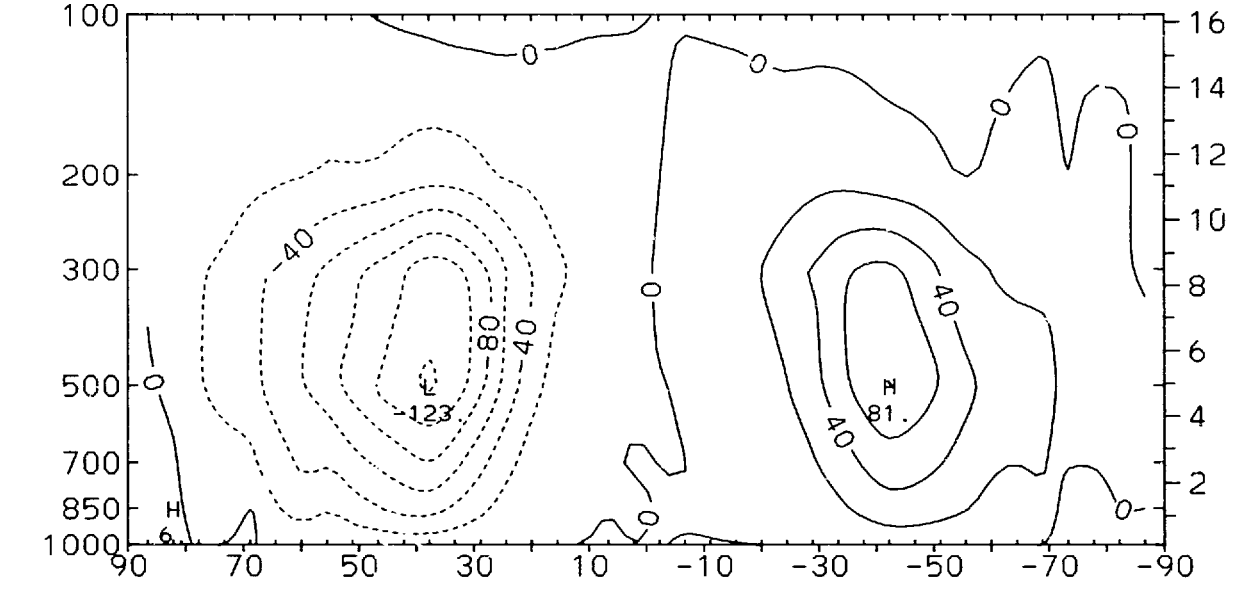



CONTOUR FROM -0.15000 TO 0.10000 CONTOUR INTERVAL OF 0.50000E-01 PT(3,3)= 0.22674E-01 LABELS SCALED BY 100.00

FRAME 1.125

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

VWP ($mb\,m\,s^{-2}$ X $10^4$)

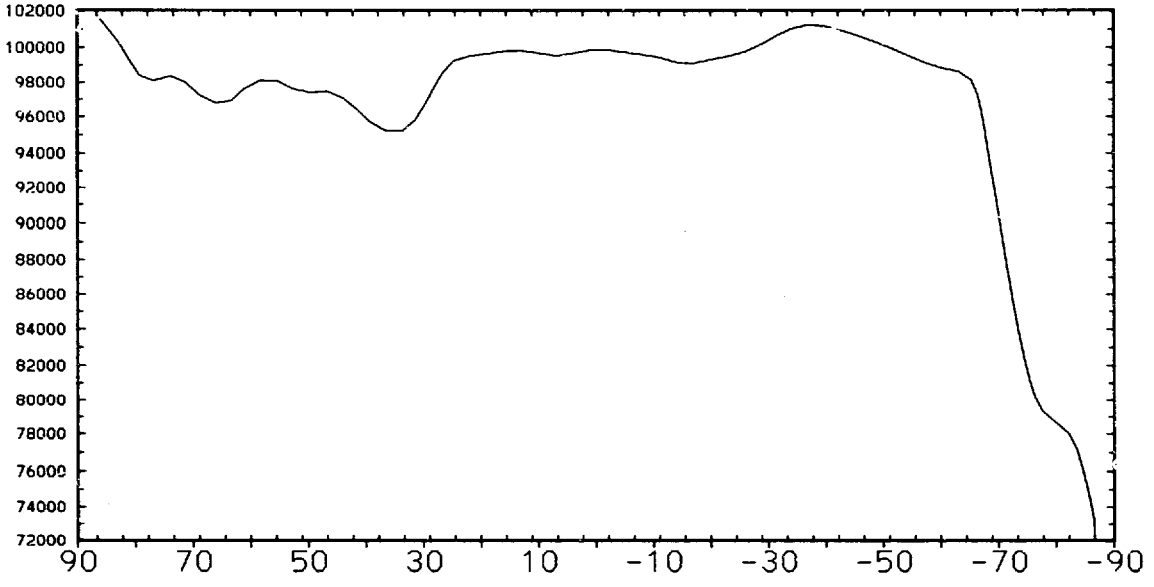



CONTOUR FROM -1.2000 TO 0.80000 CONTOUR INTERVAL OF 0.20000 PT(3,3)= 0.72922E-02 LABELS SCALED BY 100.00

FRAME 1.126

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980 -1986)

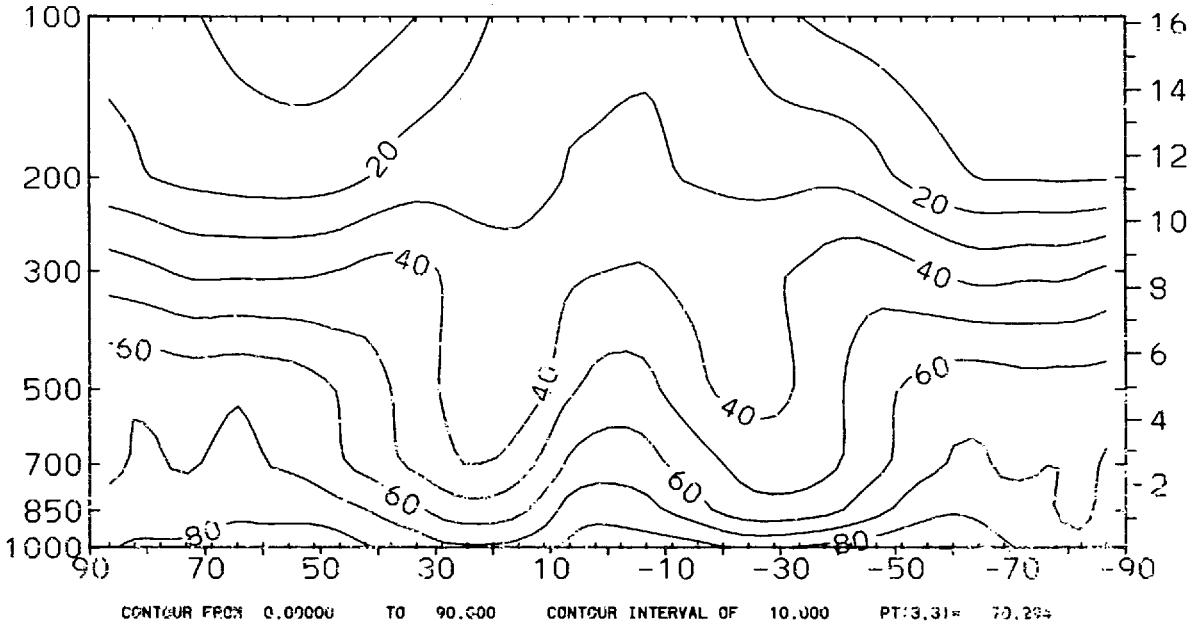
PS (mb X $10^2$)




FRAME 1.127

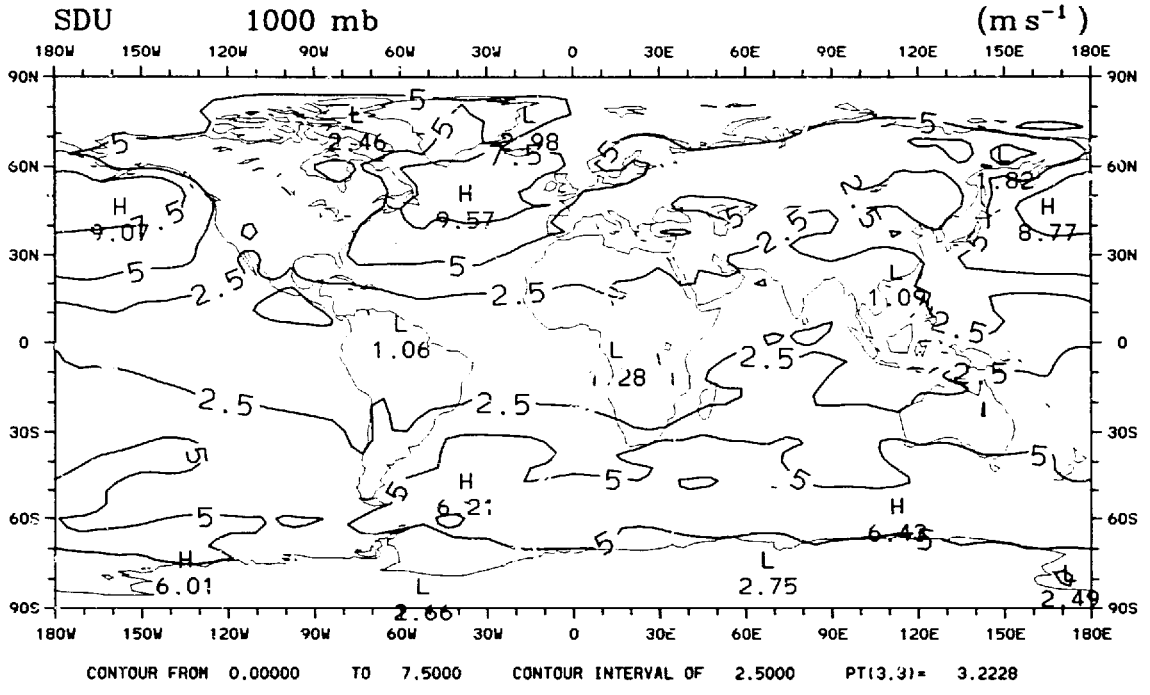
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

RH (%)



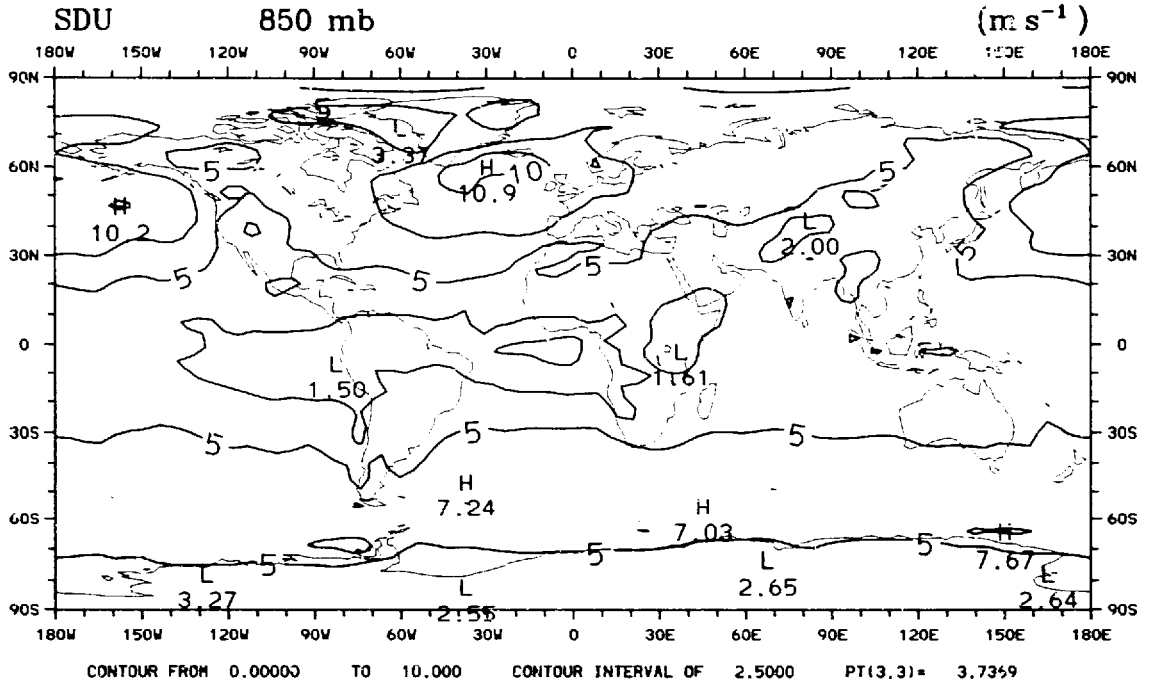

FRAME 1.128

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



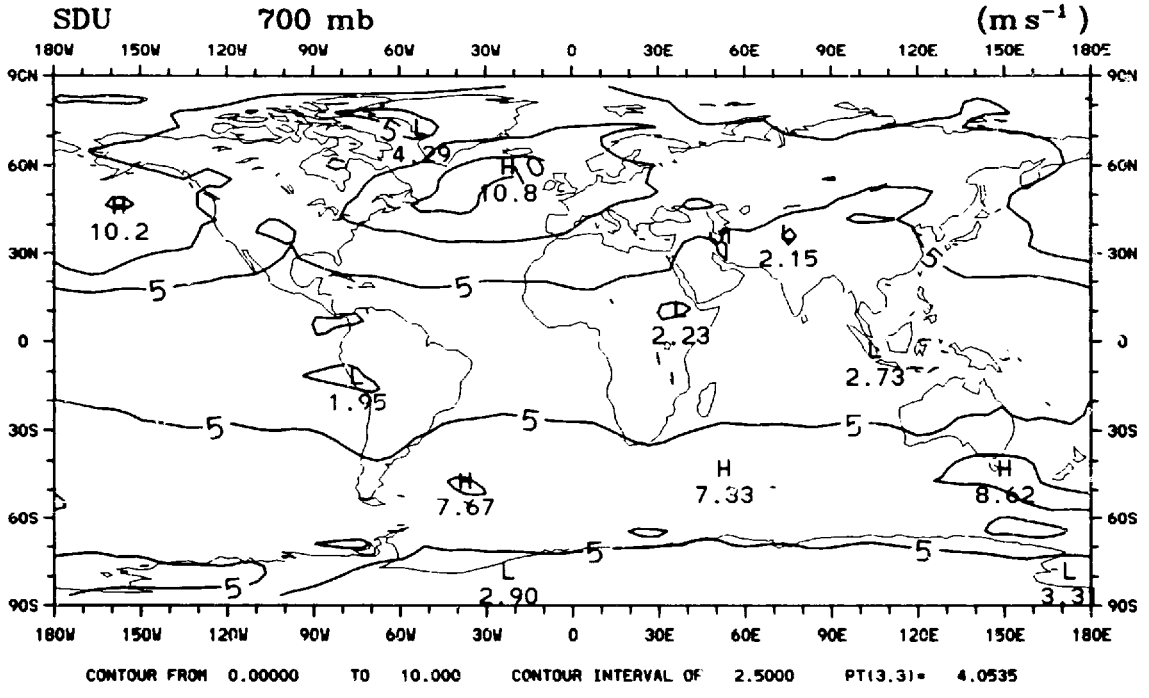

FRAME 2.1

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1936)



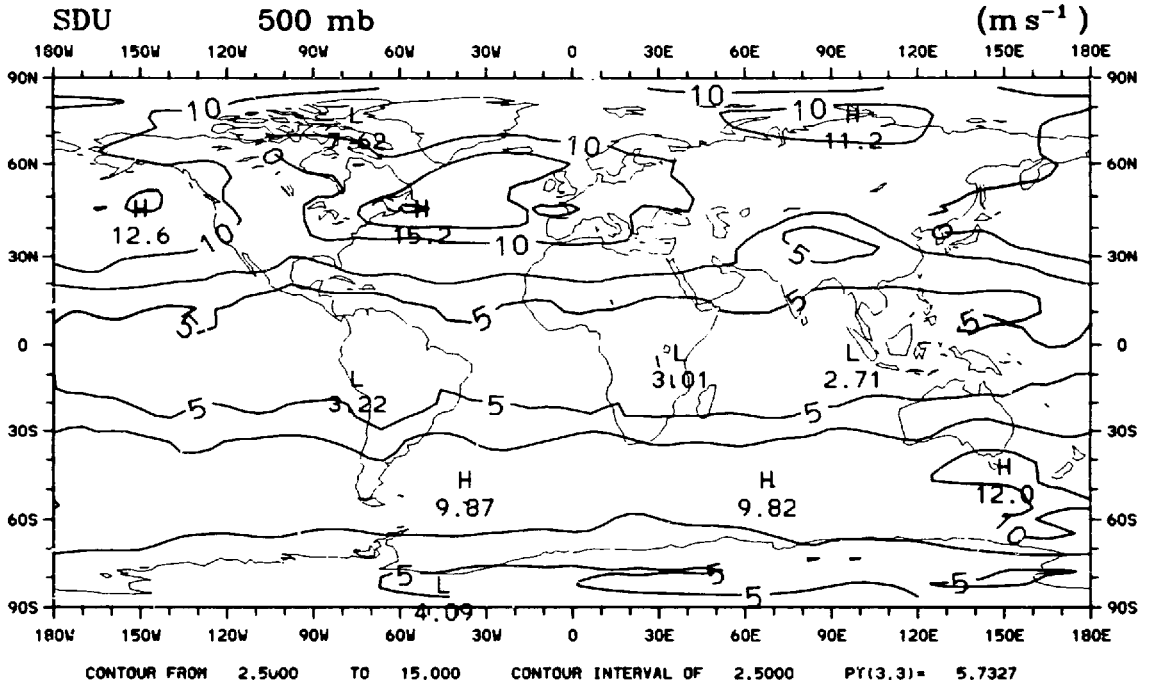

FRAME 2.2

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



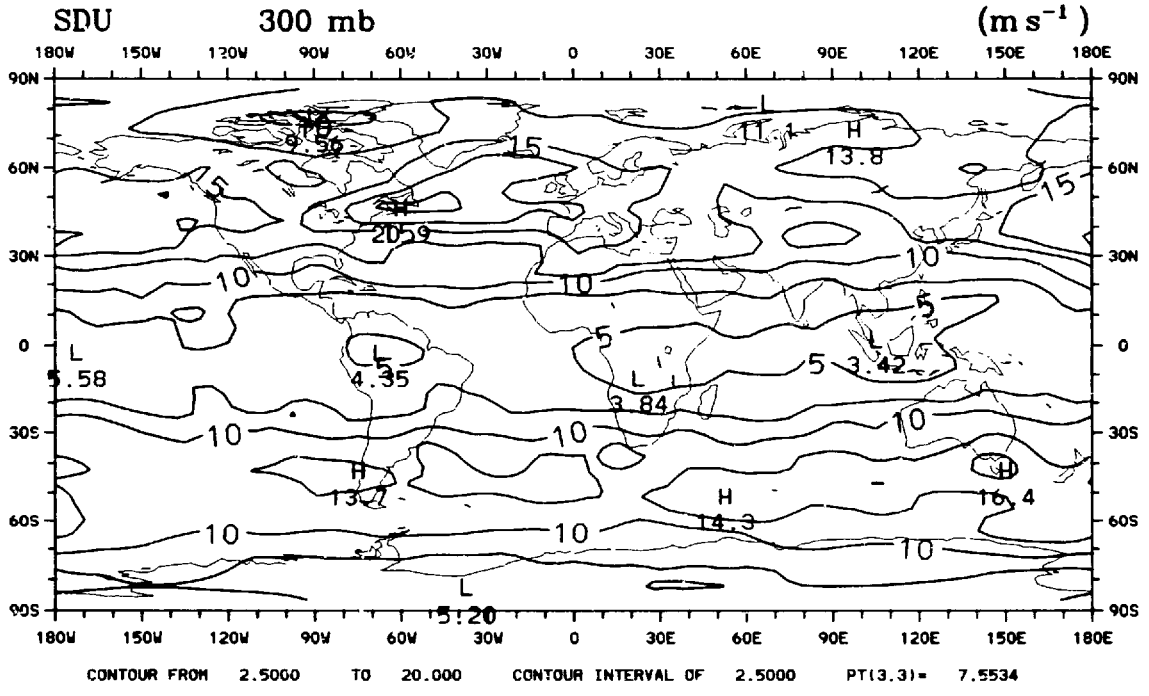

FRAME 2.3

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



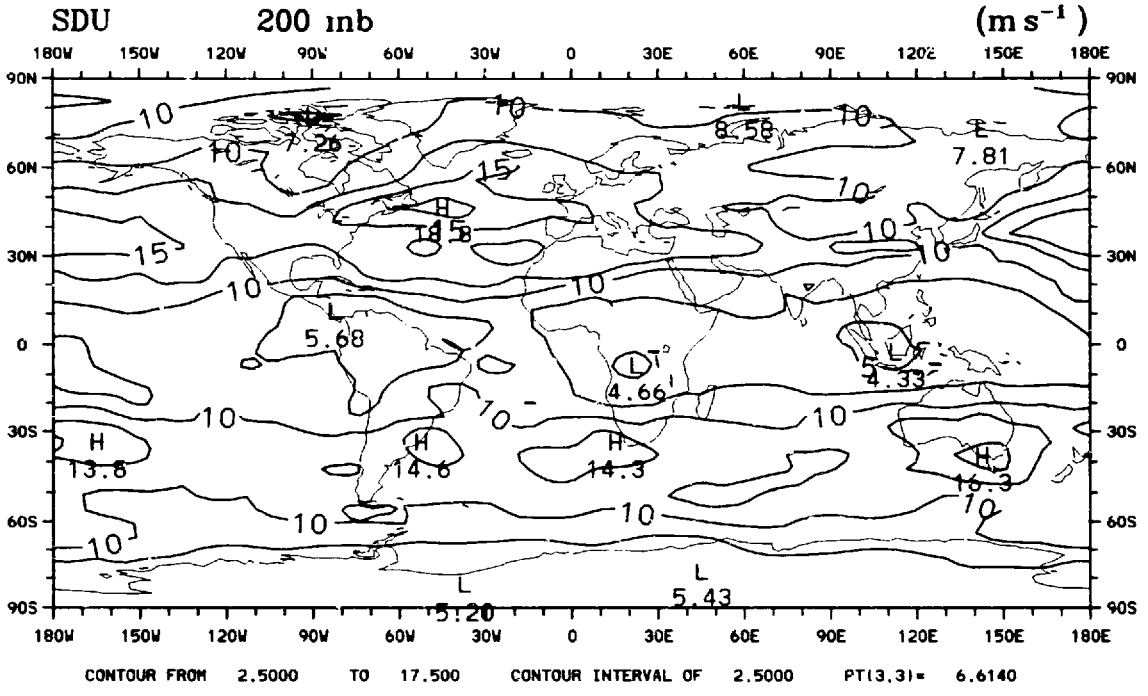

FRAME 2.4

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



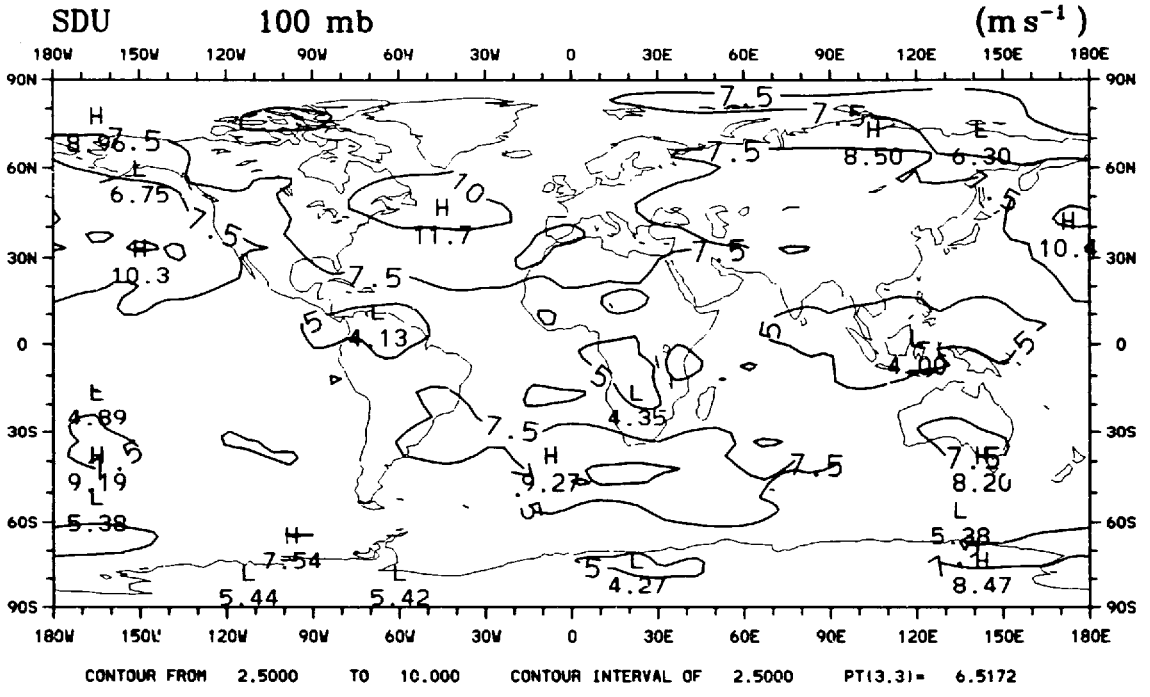

FRAME 2.5

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



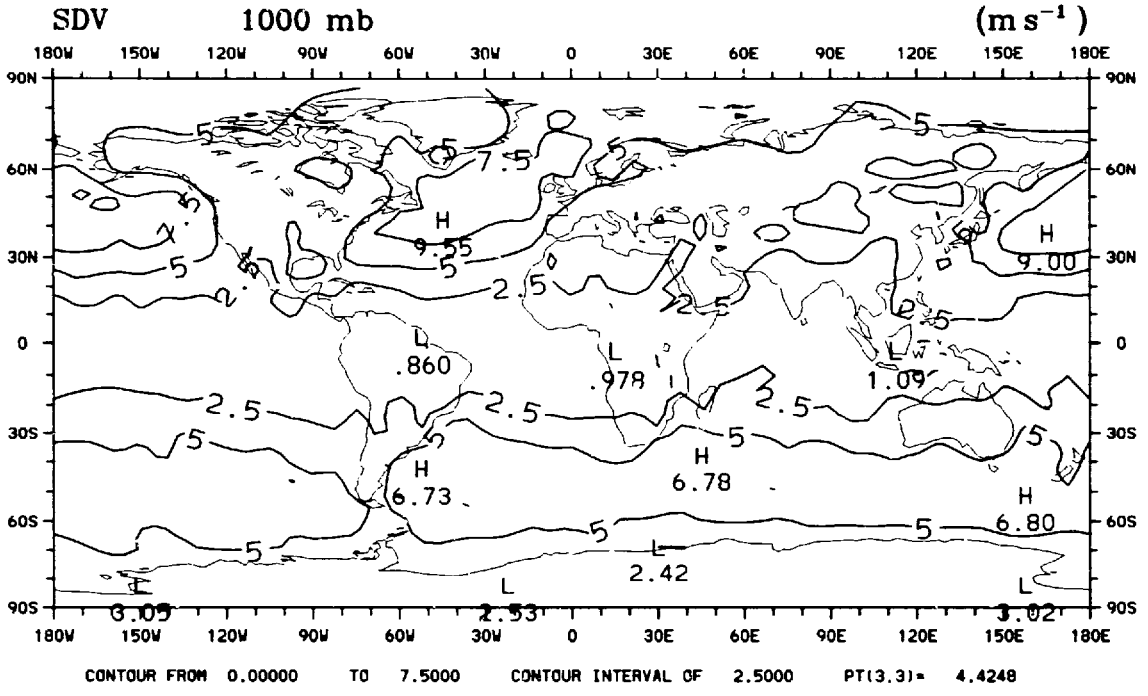

FRAME 2.6

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



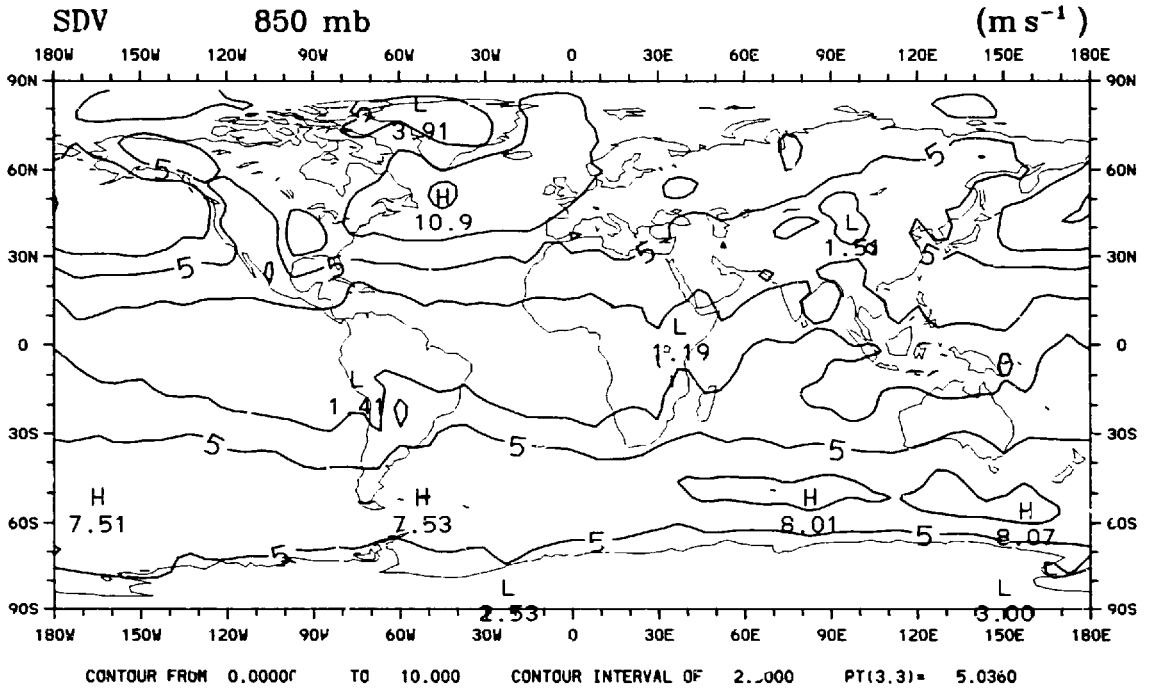

FRAME 2.7

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



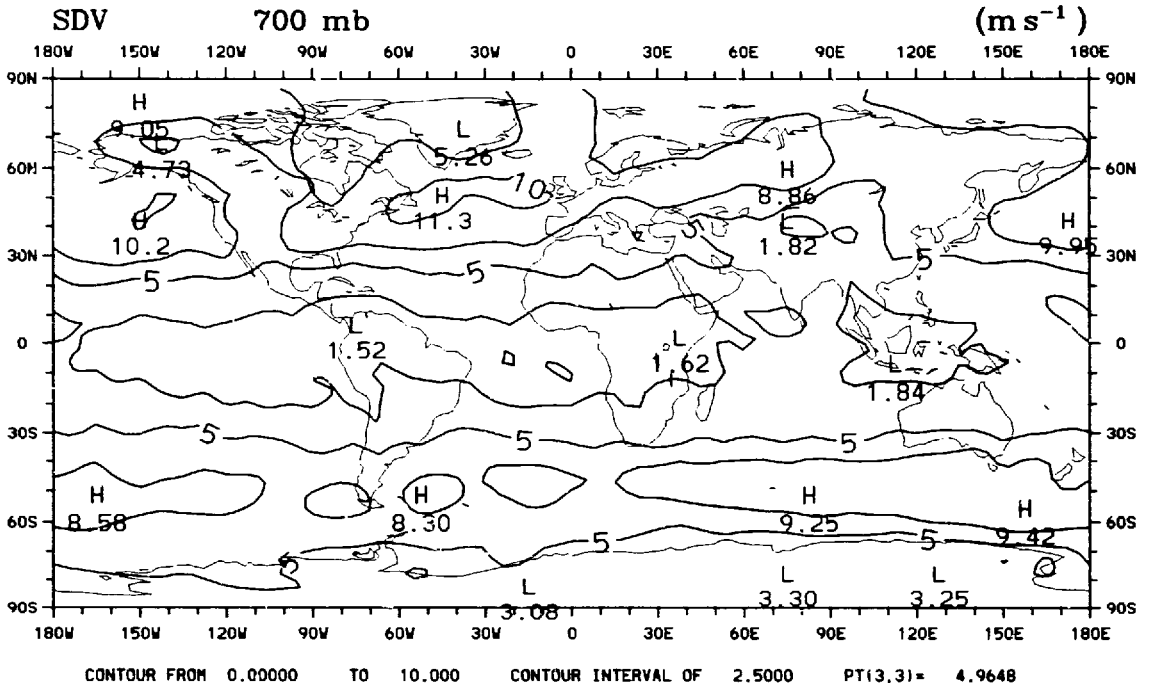

FRAME 2.8

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



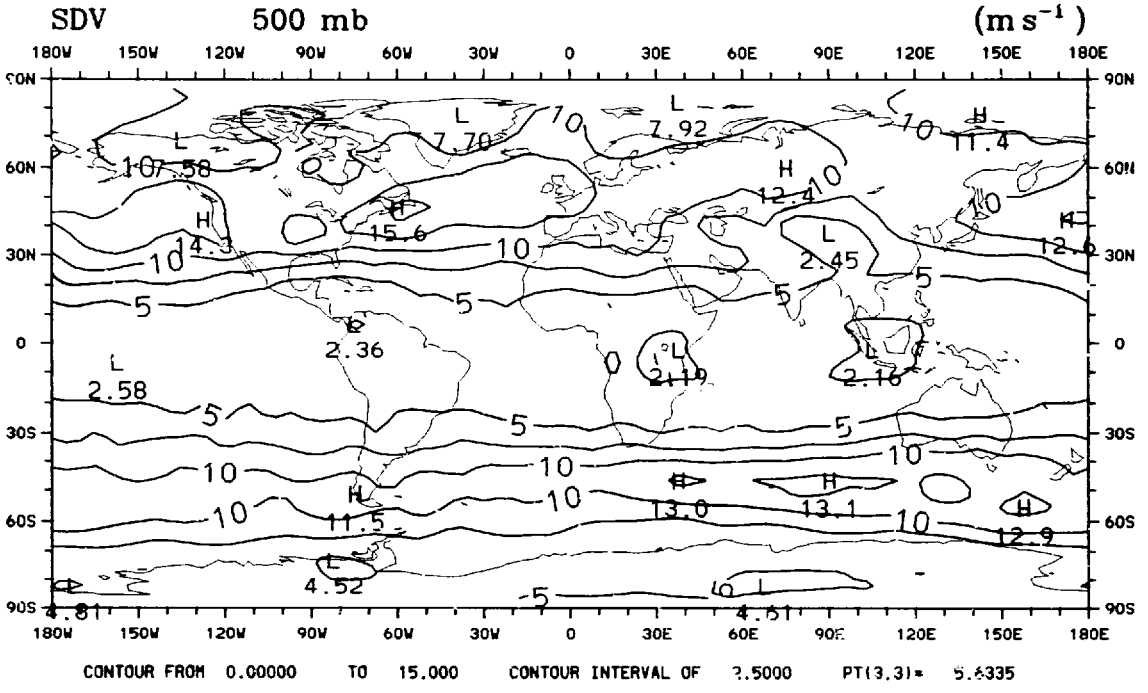

FRAME 2.9

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



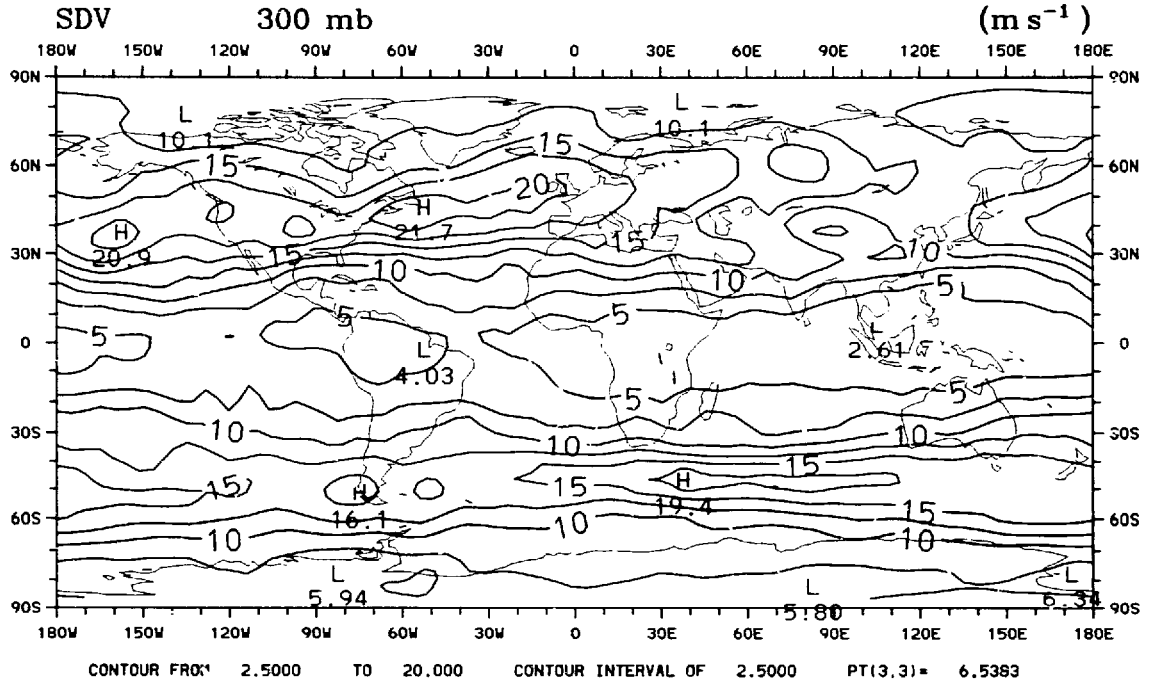

FRAME 2.10

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



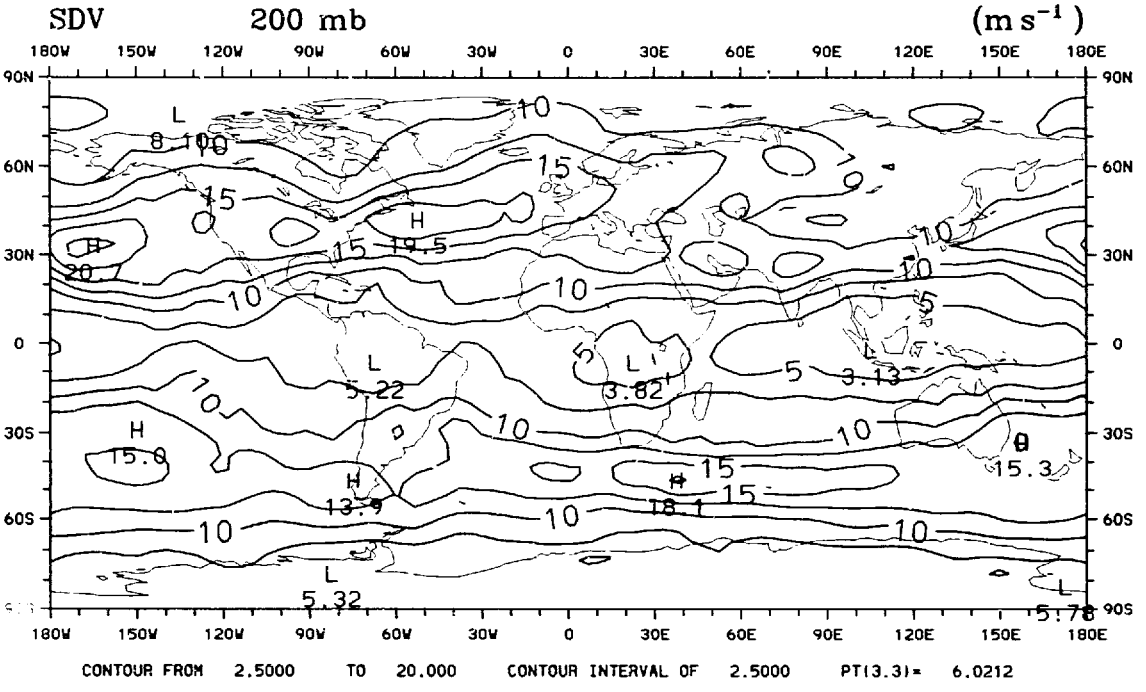

FRAME 2.11

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



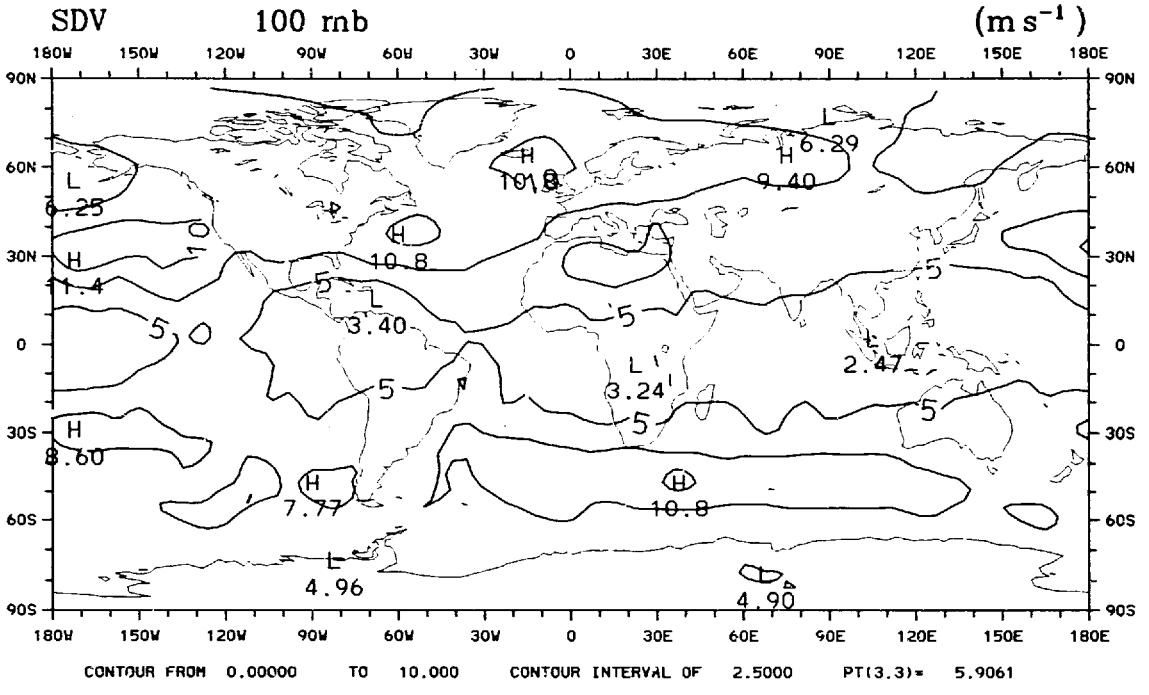

FRAME 2.12

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



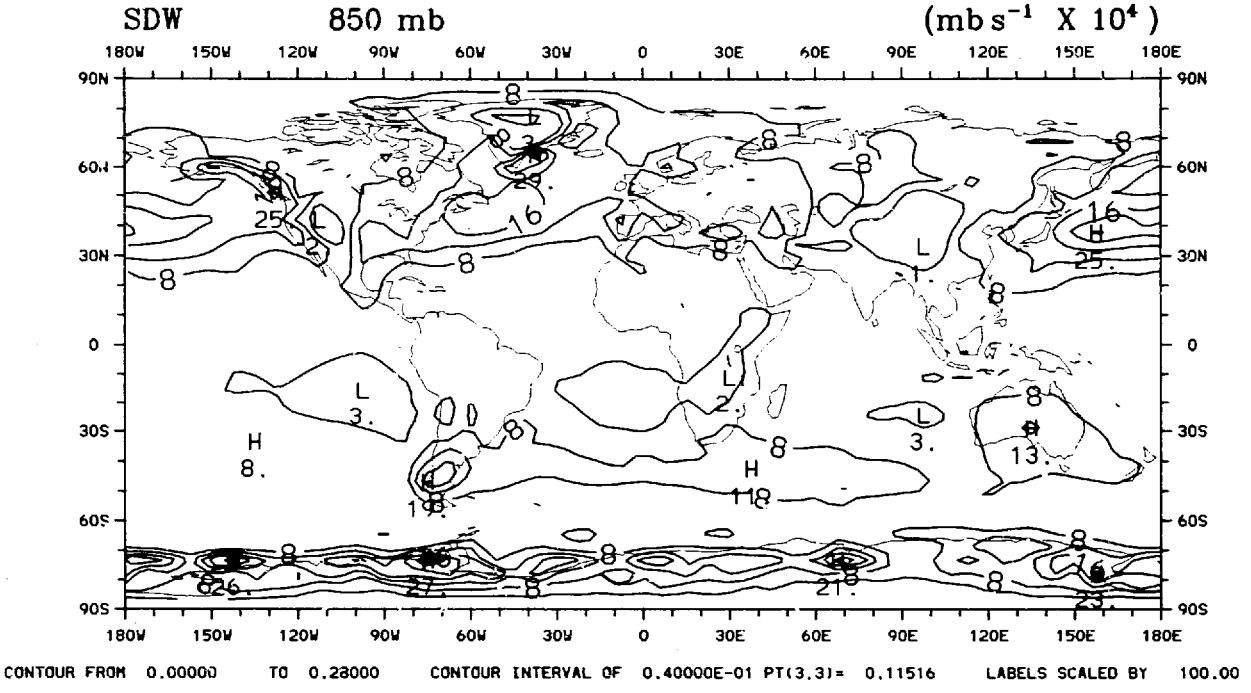

FRAME 2.13

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



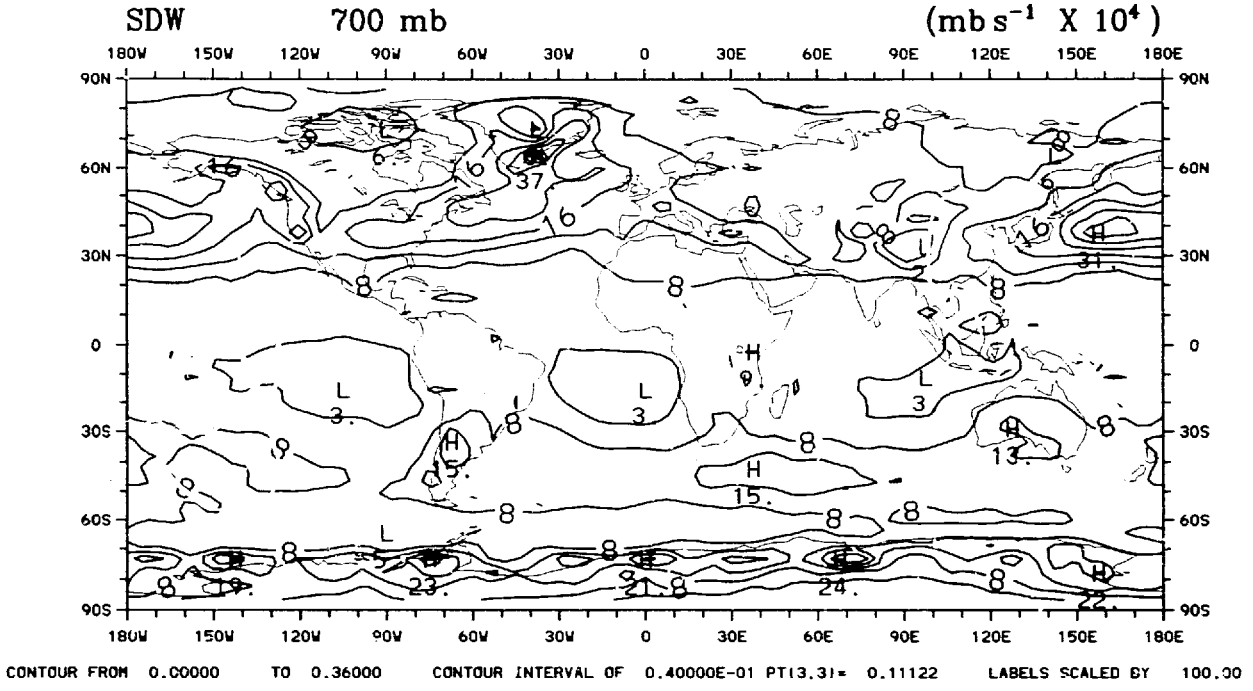

FRAME 2.14

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



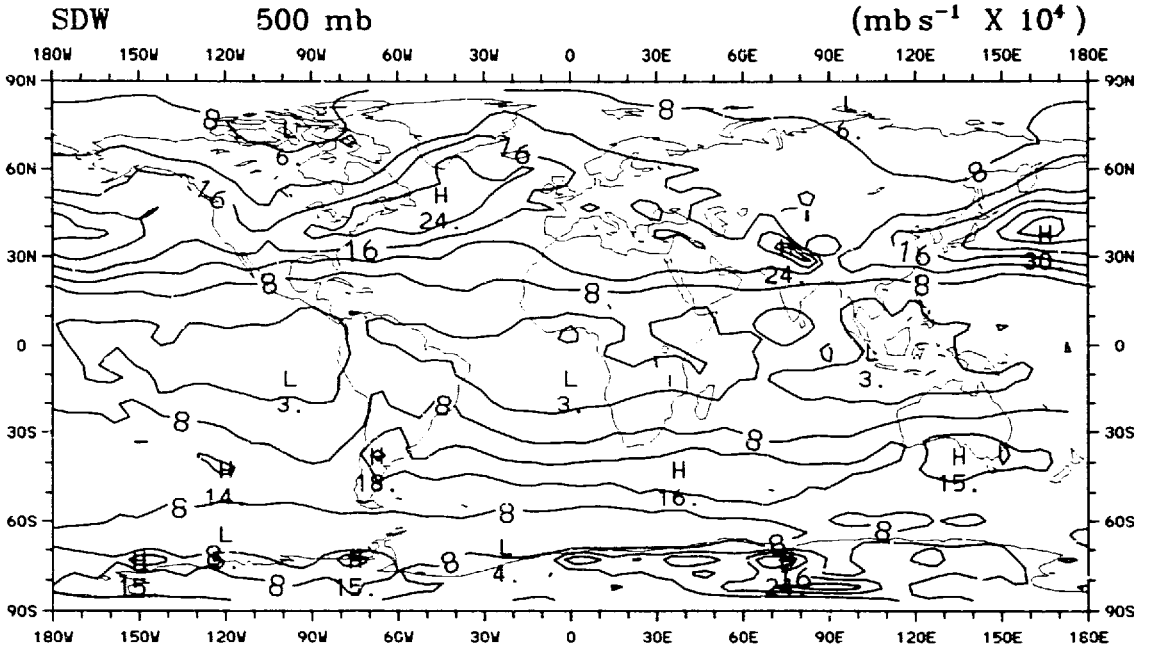

FRAME 2.15

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



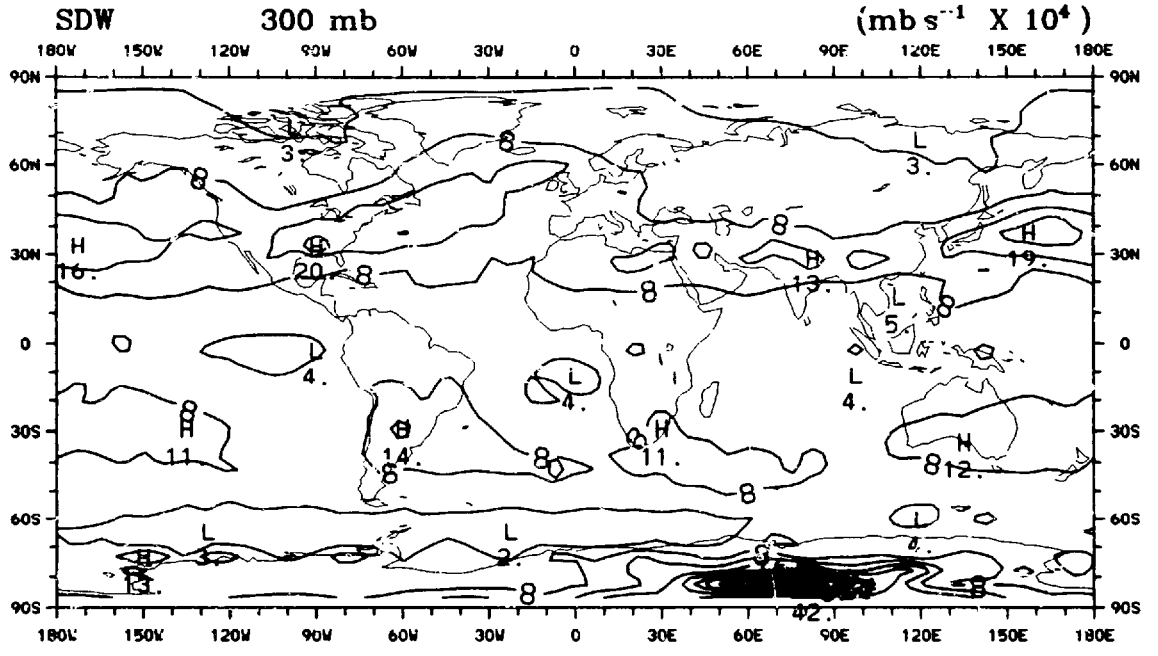

FRAME 2.16

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



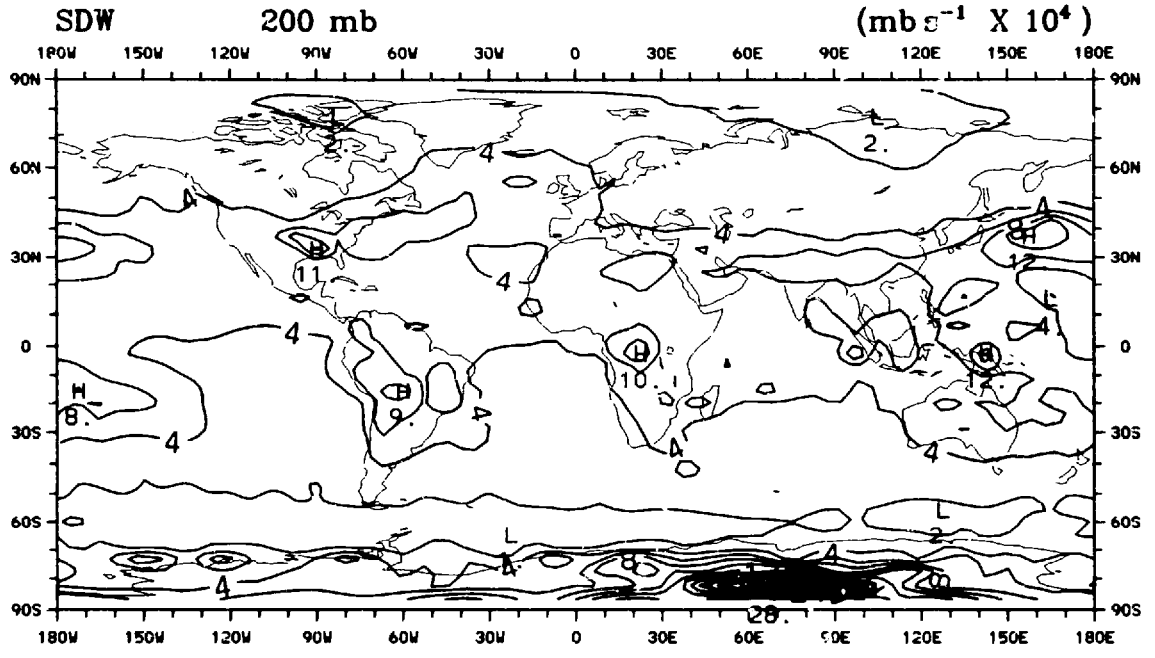

FRAME 2.17

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 2.18

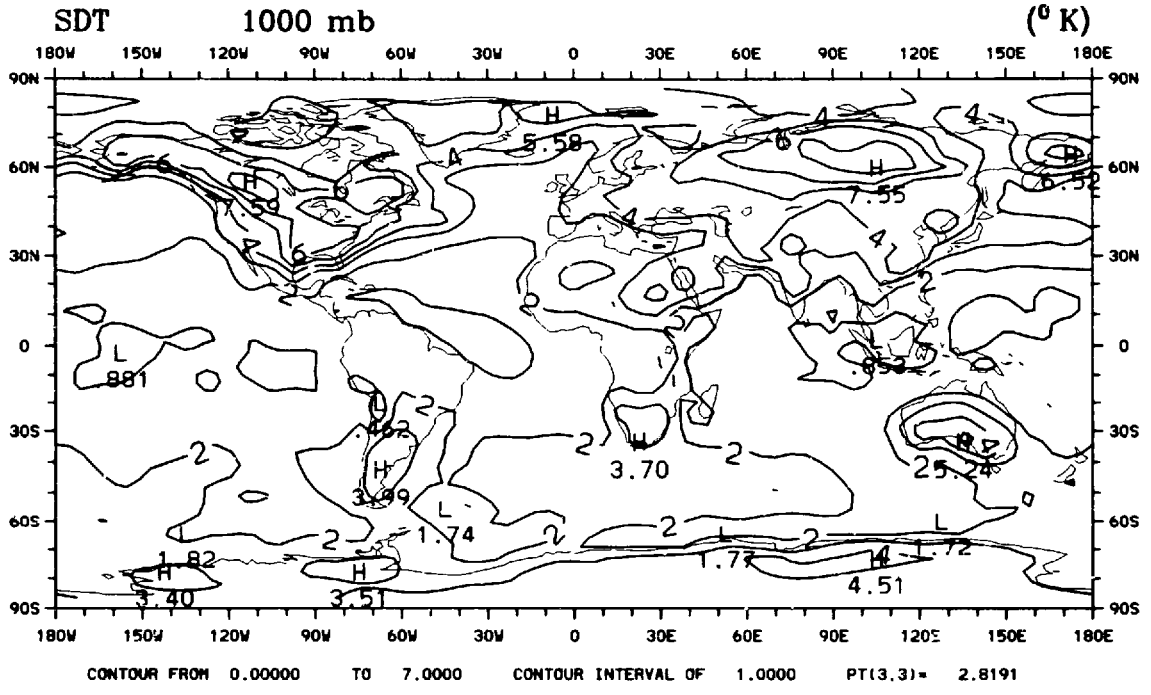
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.28000 CONTOUR INTERVAL OF 0.20000E-01 PT(3,3)= 0.37173E-01 LABELS SCALED BY 100.00

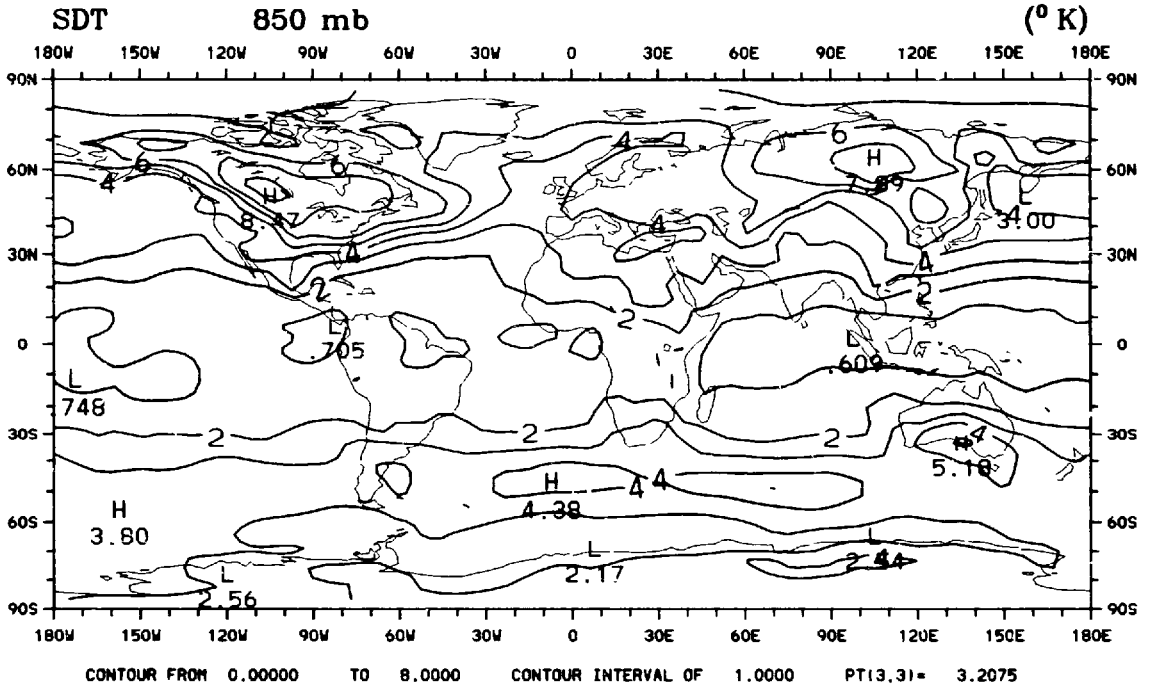
FRAME 2.19

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



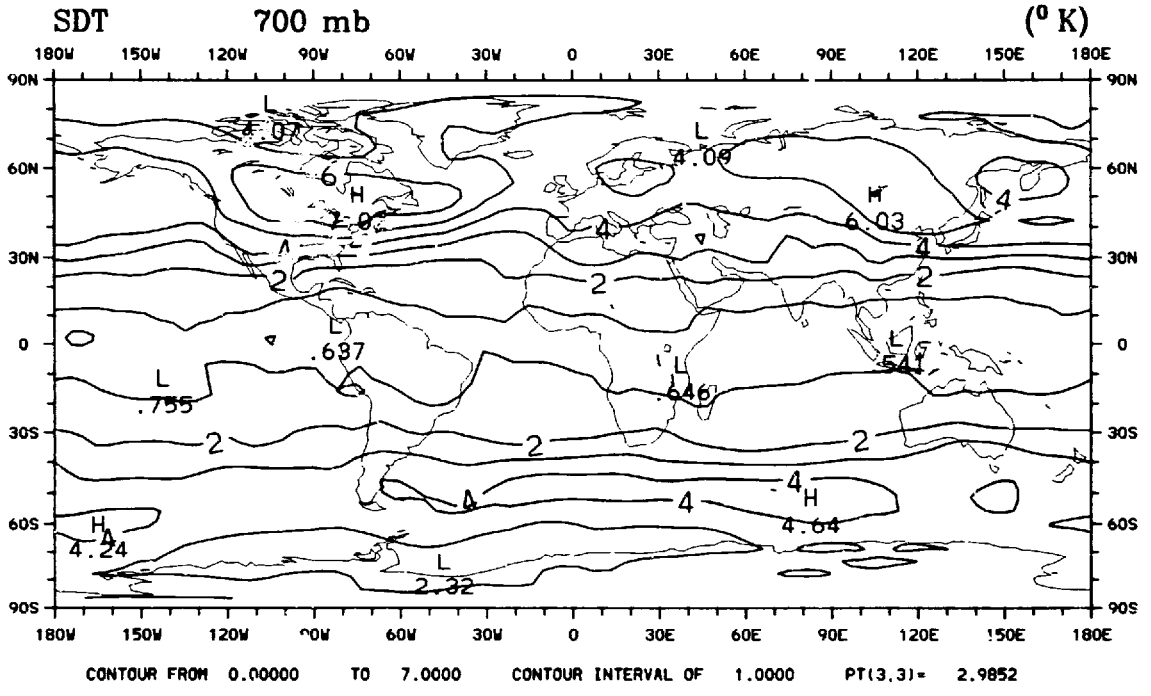

FRAME 2.20

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



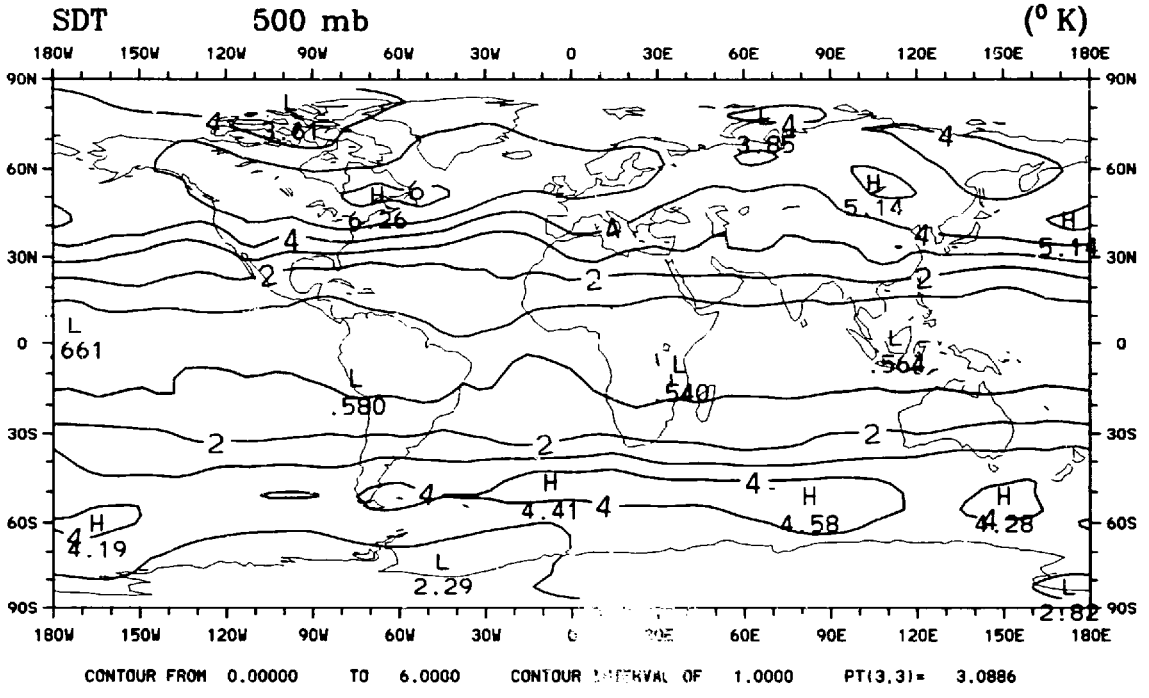

FRAME 2.21

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



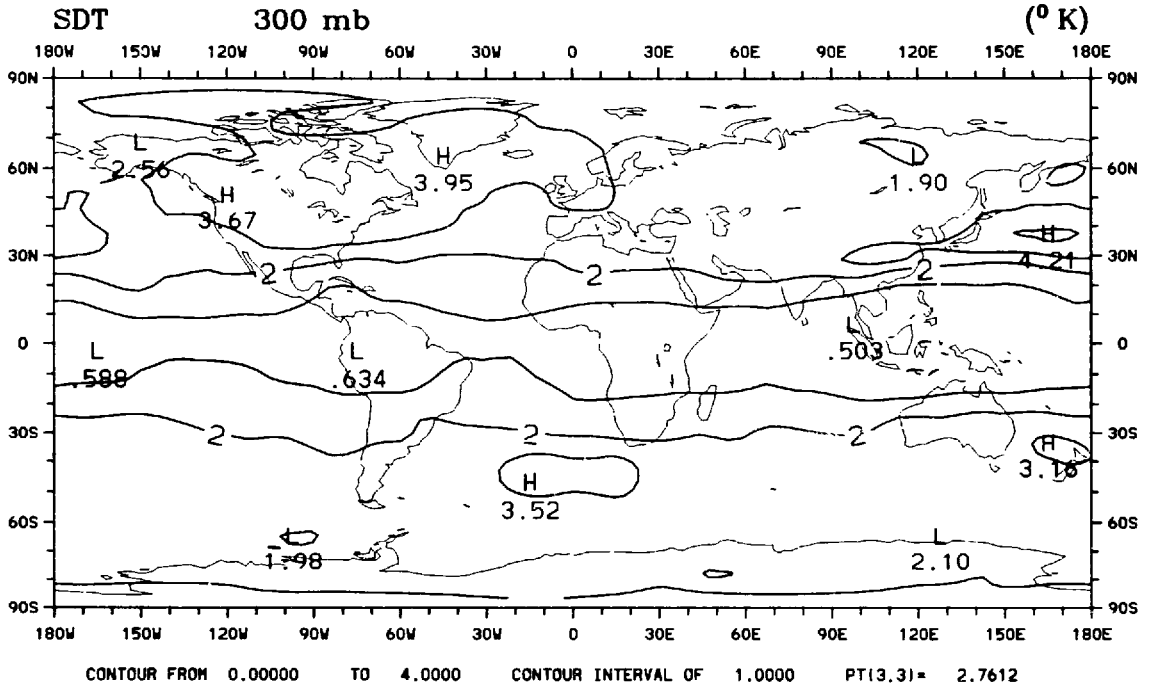

FRAME 2.22

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



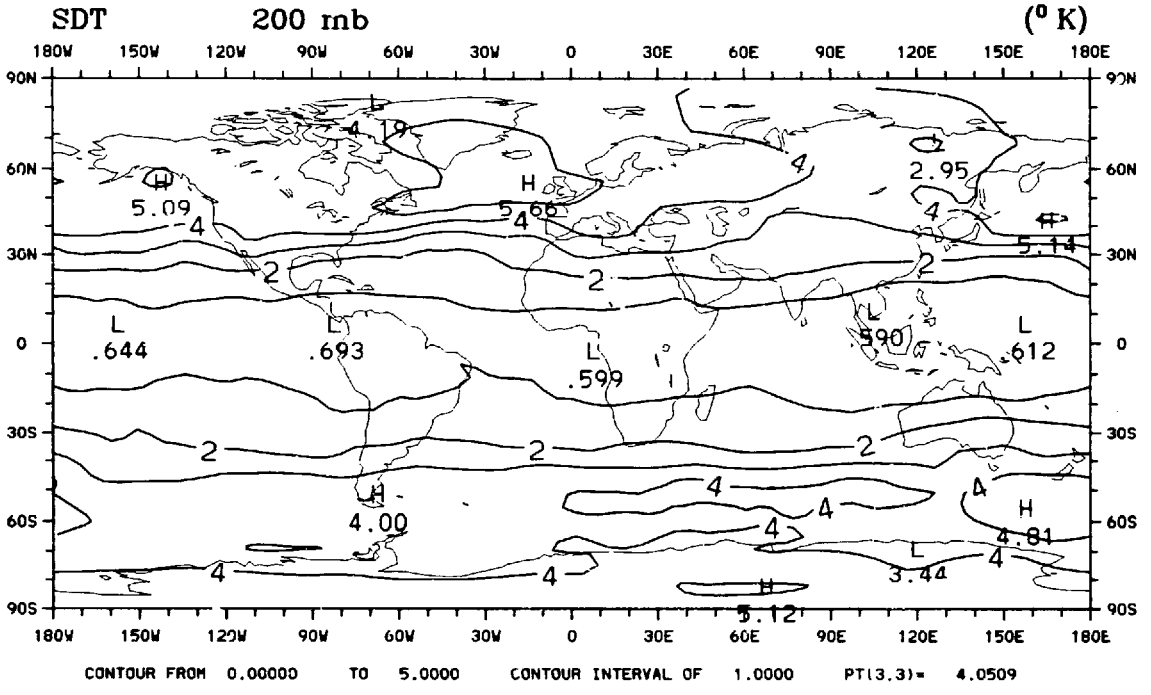

FRAME 2.23

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



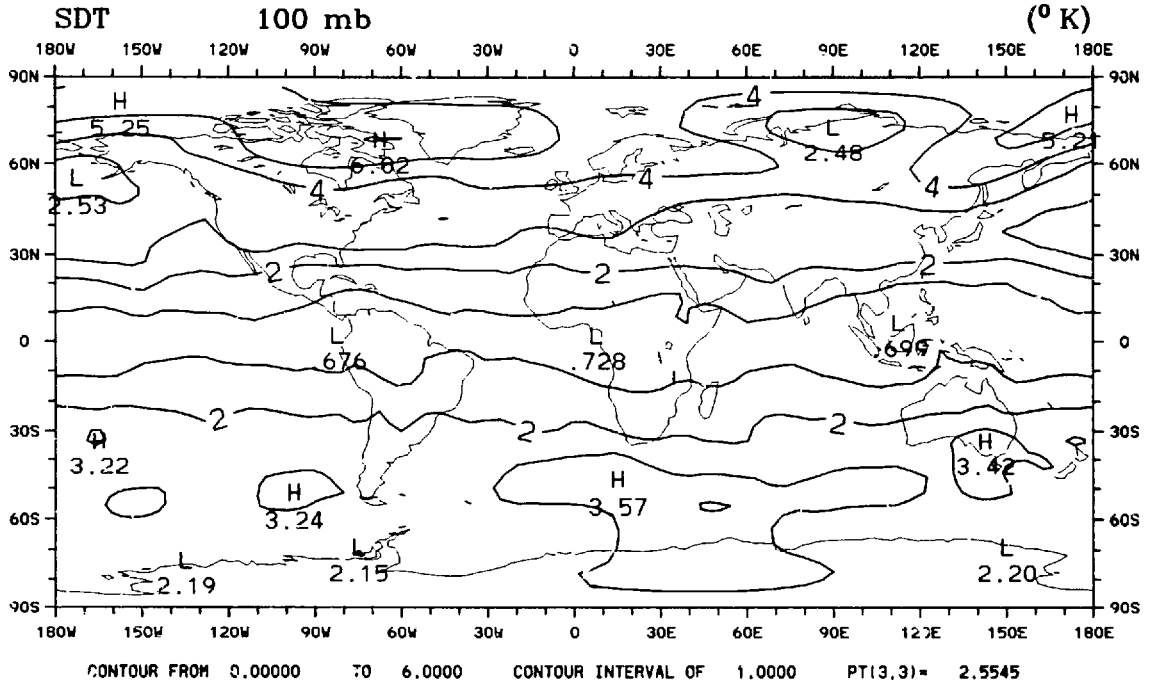

FRAME 2.24

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



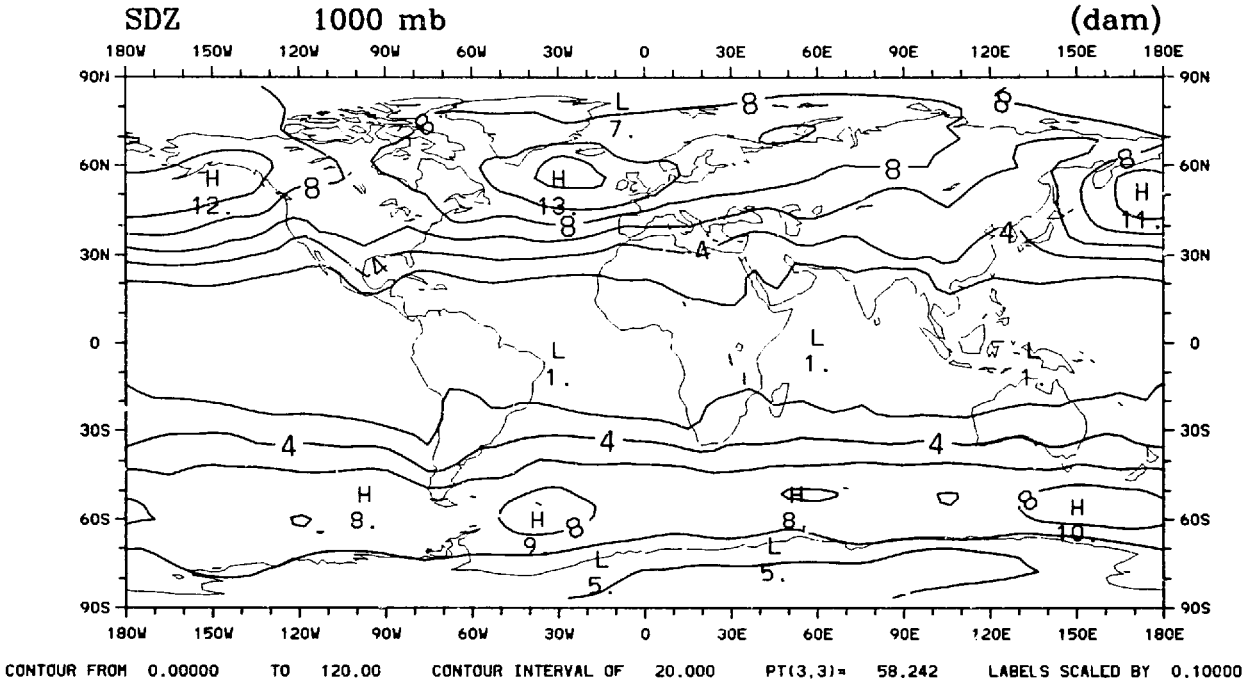

FRAME 2.25

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



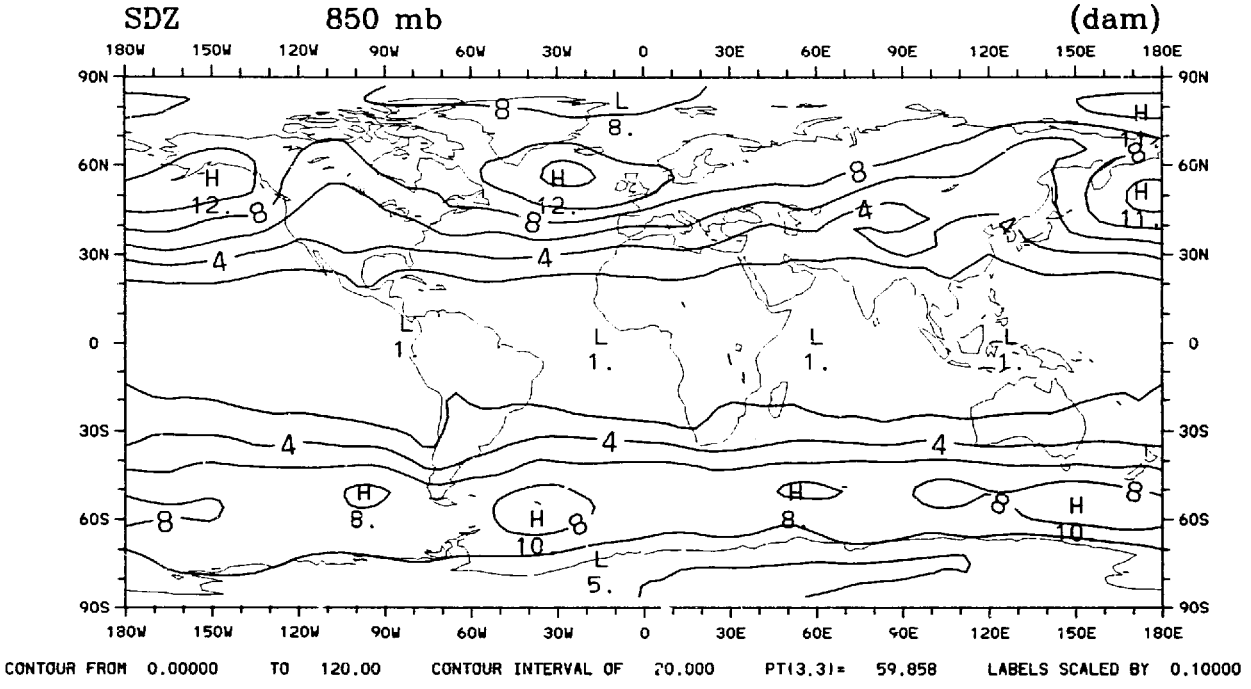

FRAME 2.26

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



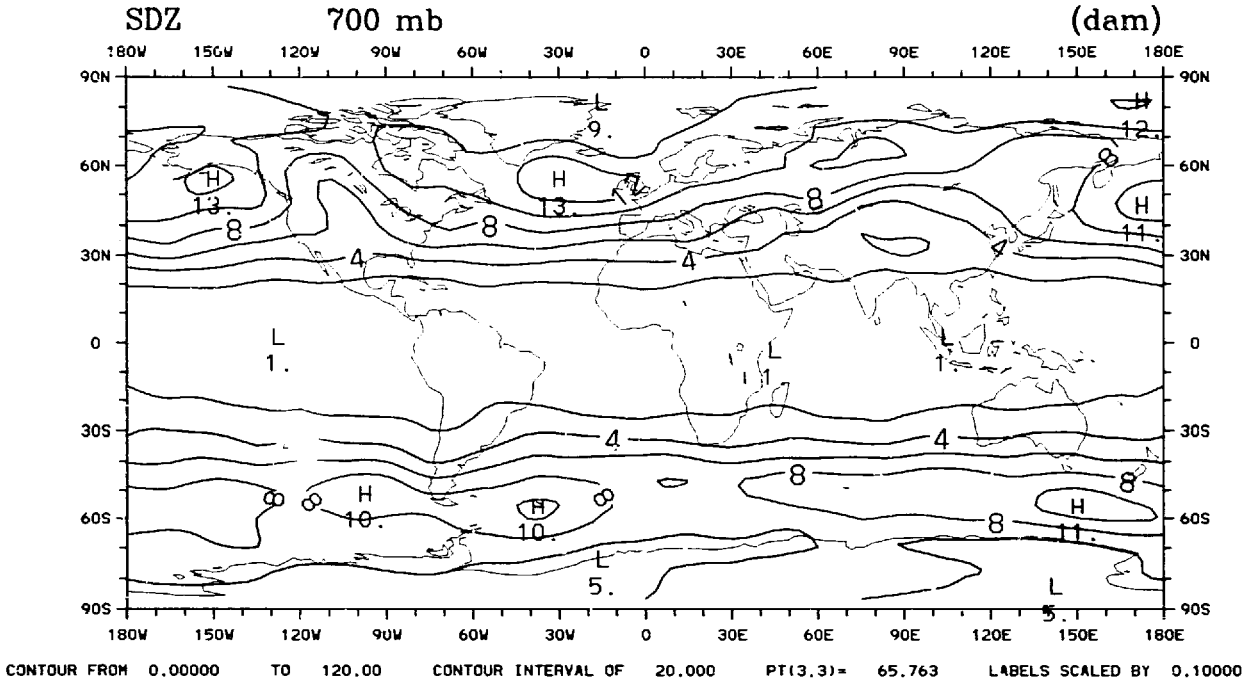

FRAME 2.27

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



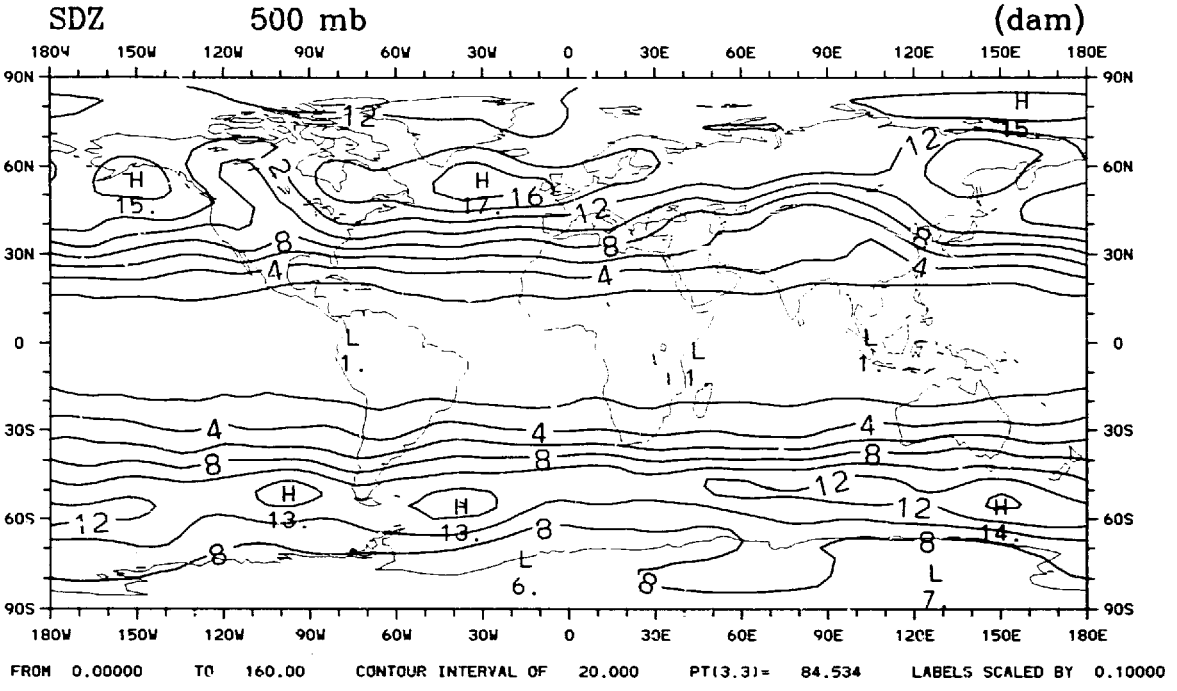

FRAME 2.28

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 2.29

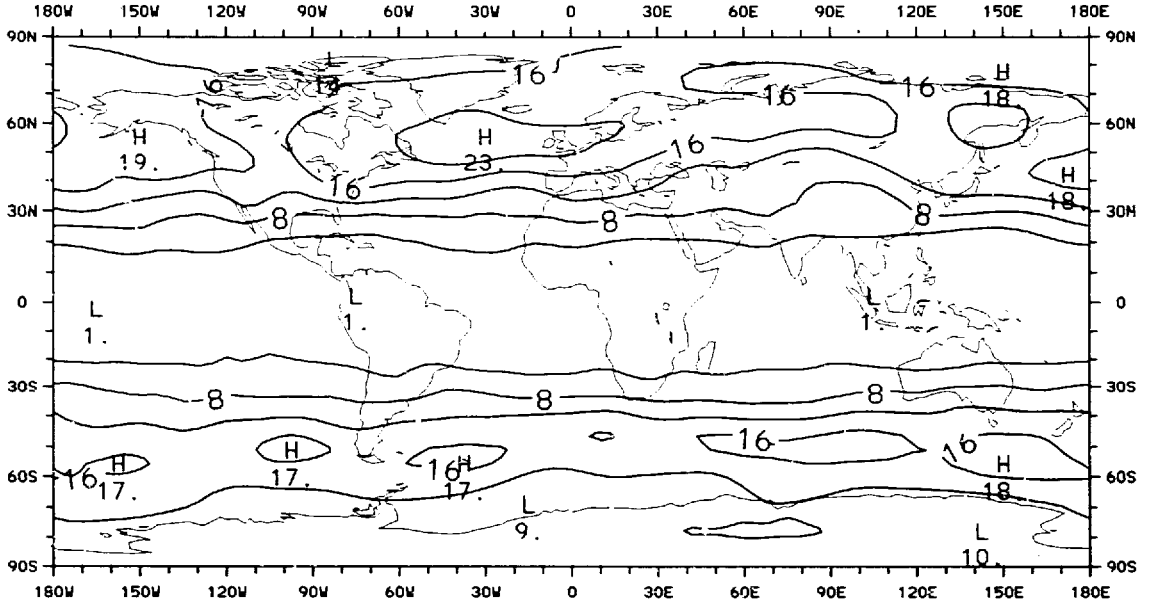
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 2.30

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

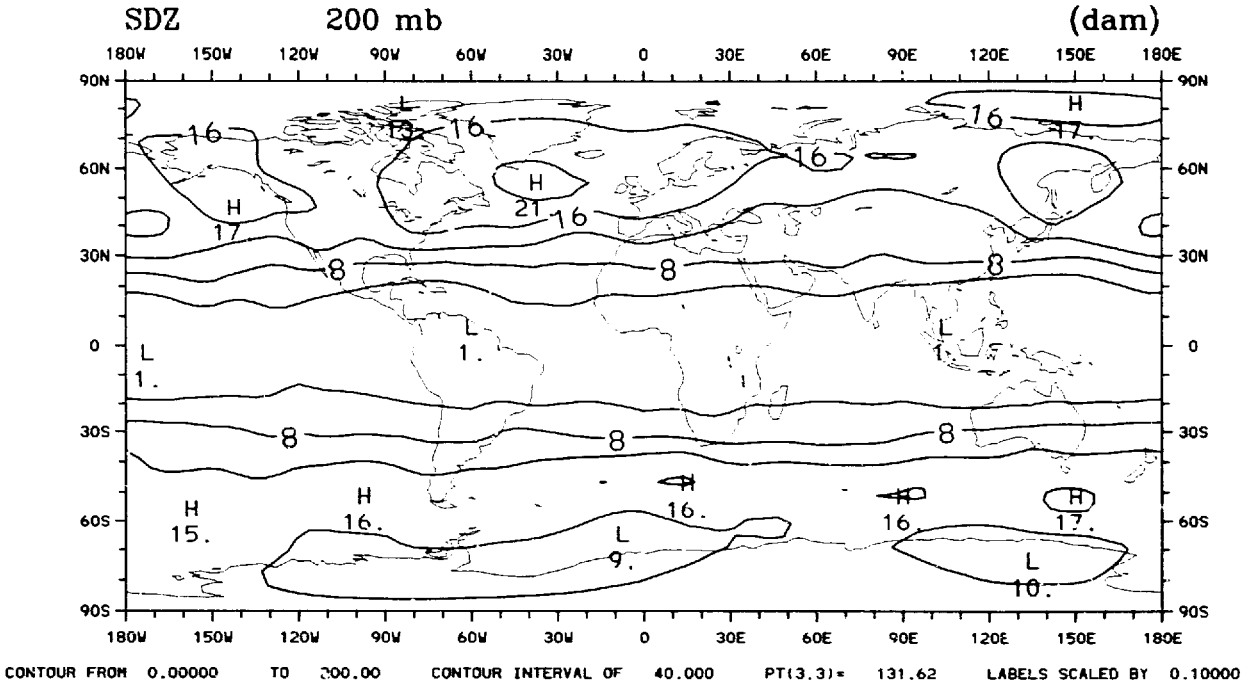
SDZ 300 mb (dam)




CONTOUR FROM 0.00000 TO 200.00 CONTOUR INTERVAL OF 40.000 PT(3,3)= 113.26 LABELS SCALED BY 0.10000

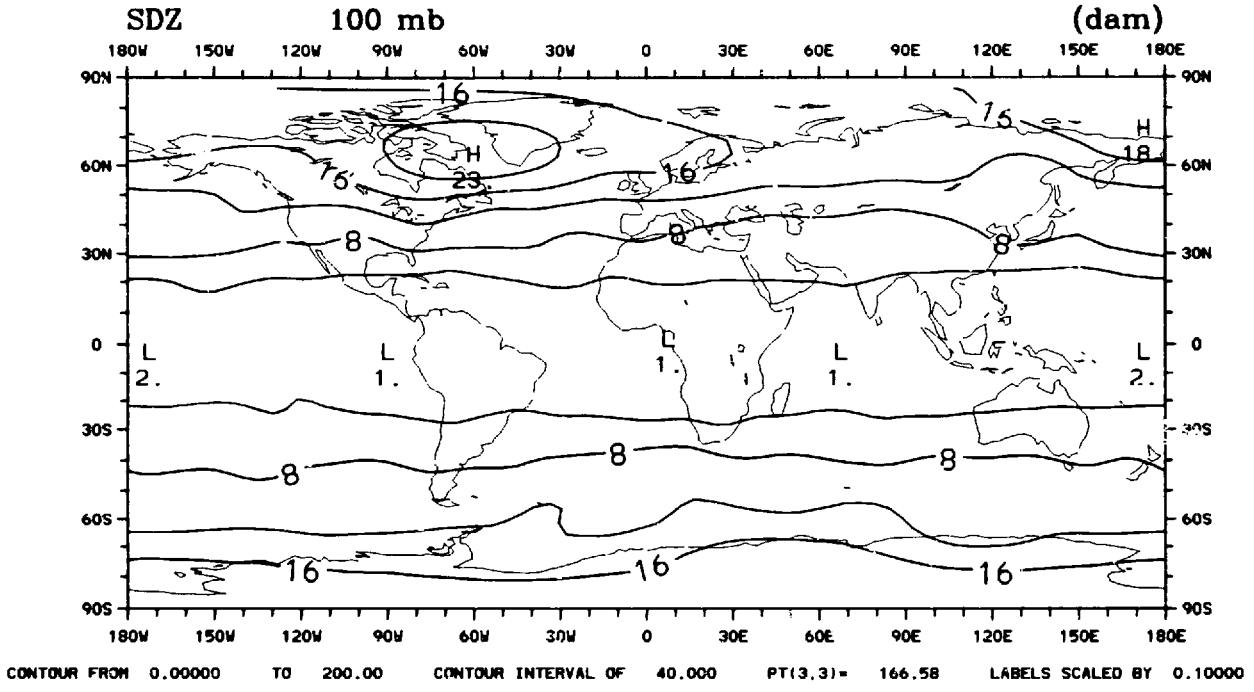
FRAME 2.31

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



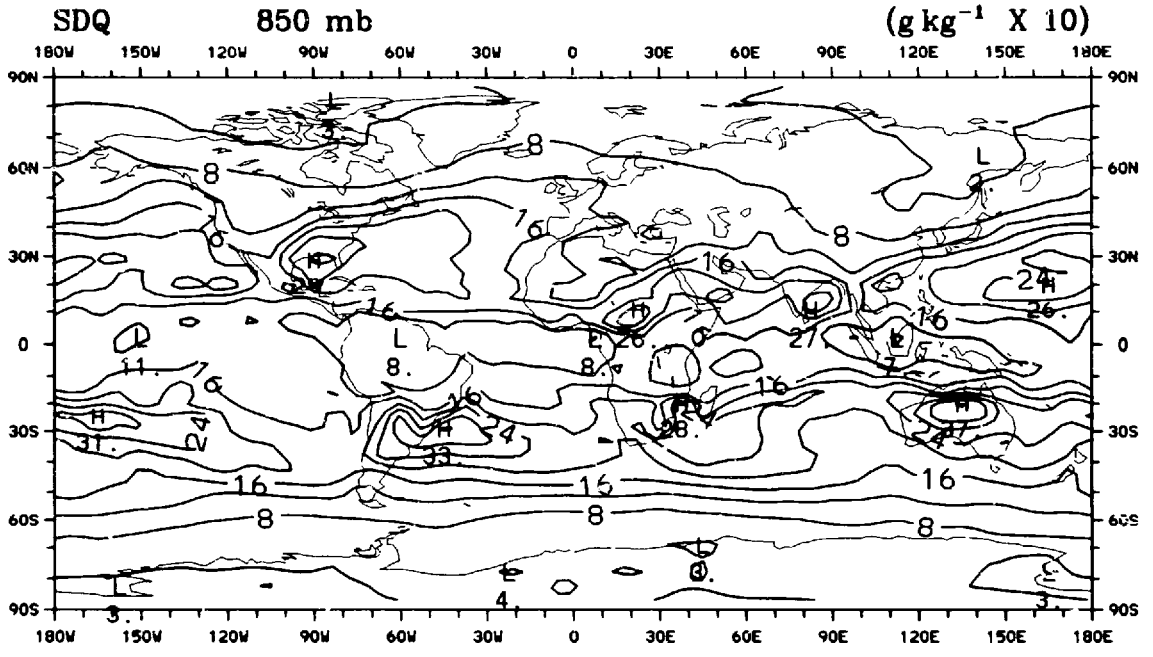

FRAME 2.32

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 2.33

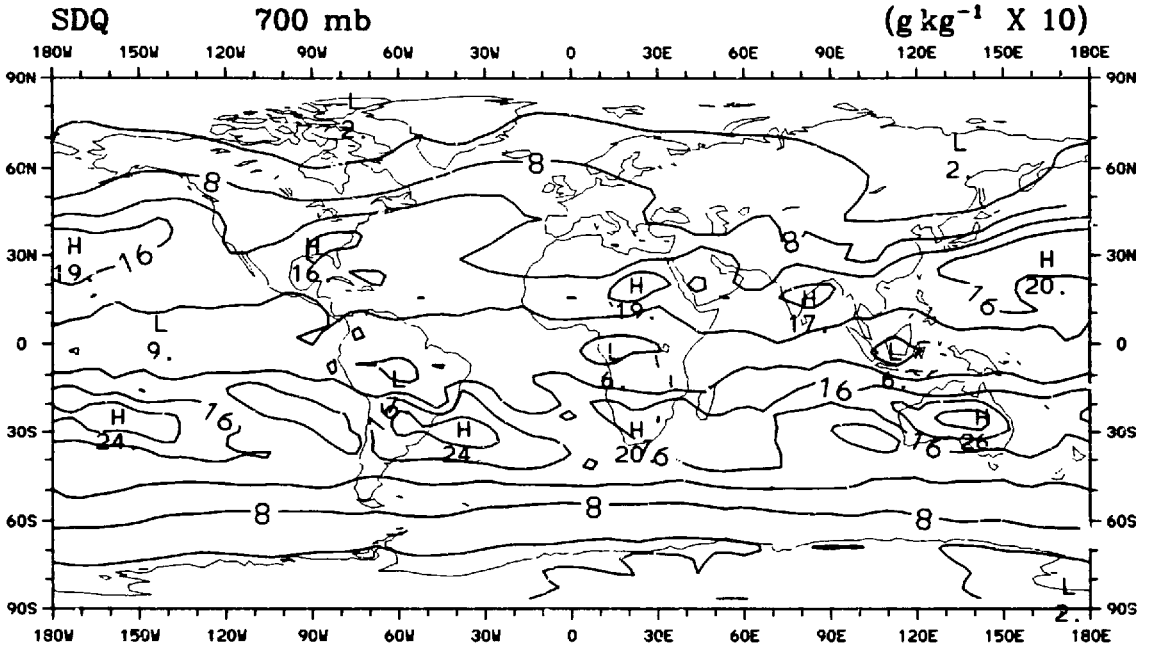
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.36000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.44399E-03 LABELS SCALED BY 10000.

FRAME 2.34

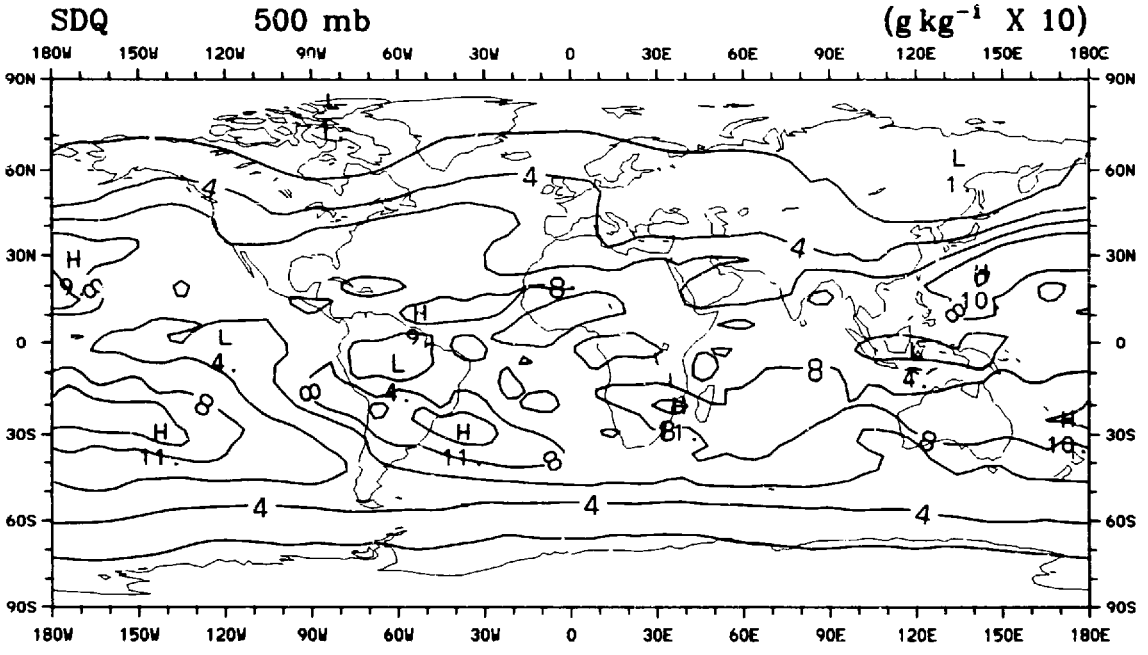
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM 0.00000 TO 0.24000E-02 CONTOUR INTERVAL OF 0.40000E-03 PT(3,3)= 0.33320E-03 LABELS SCALED BY 10000.

FRAME 2.35

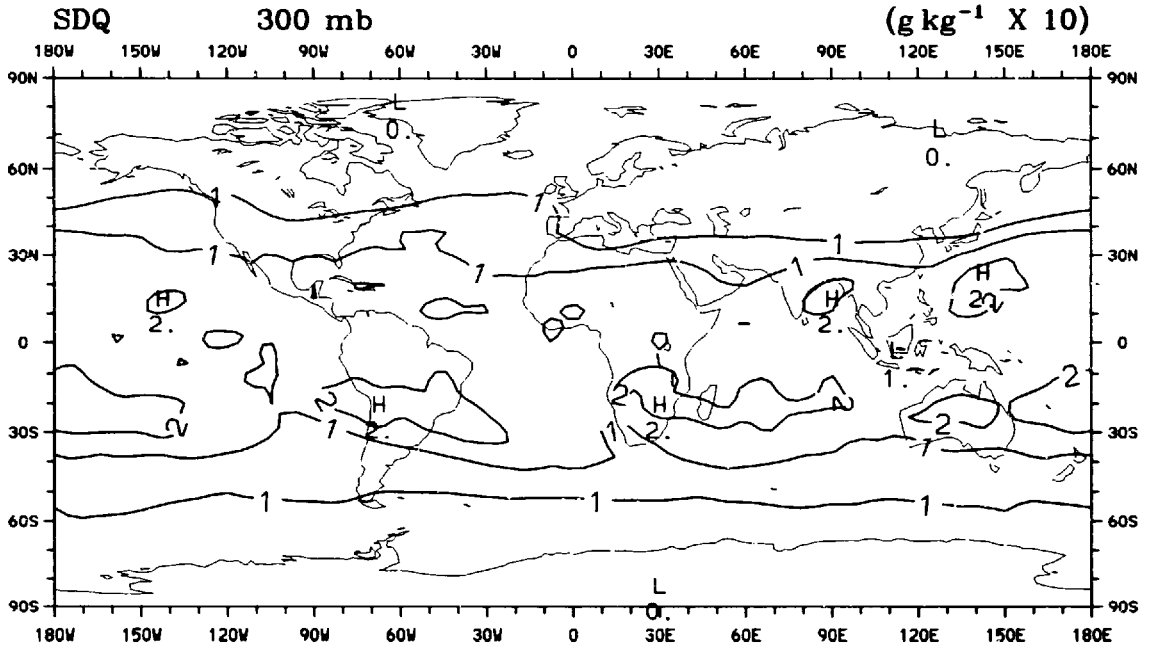
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.10000E-02 CONTOUR INTERVAL OF 0.20000E-03 PT(3,3)= 0.15038E-03 LABELS SCALED BY 10000.

FRAME 2.36

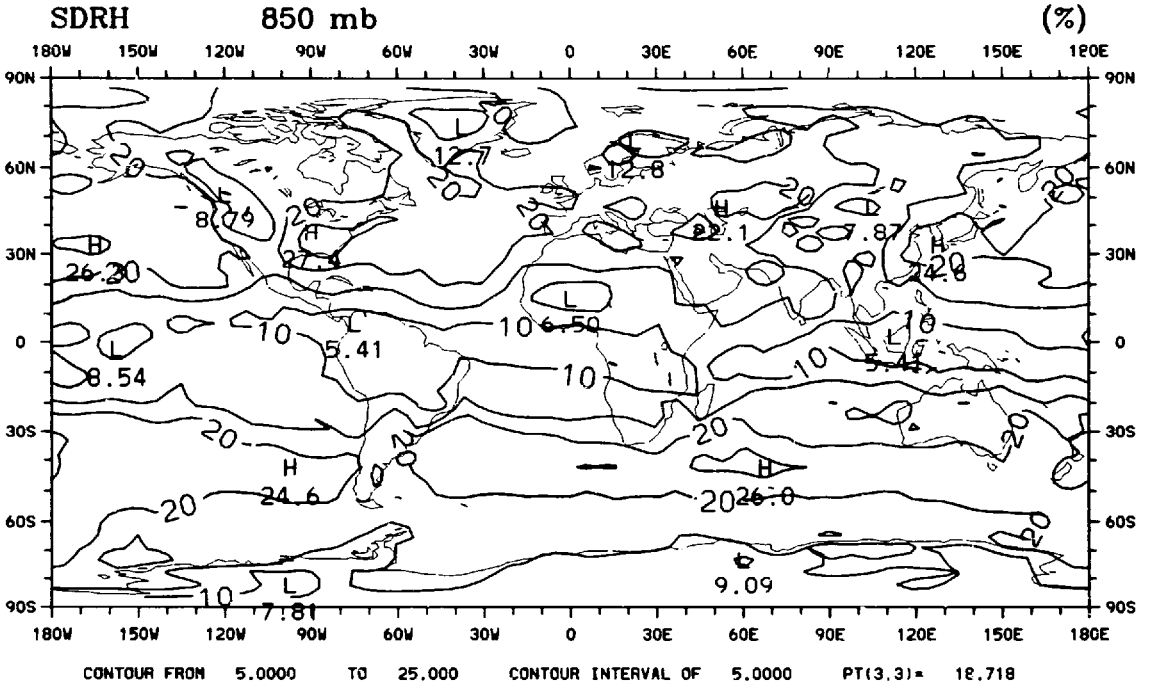
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM 0.00000 TO 0.15000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.24090E-04 LABELS SCALED BY 10000.

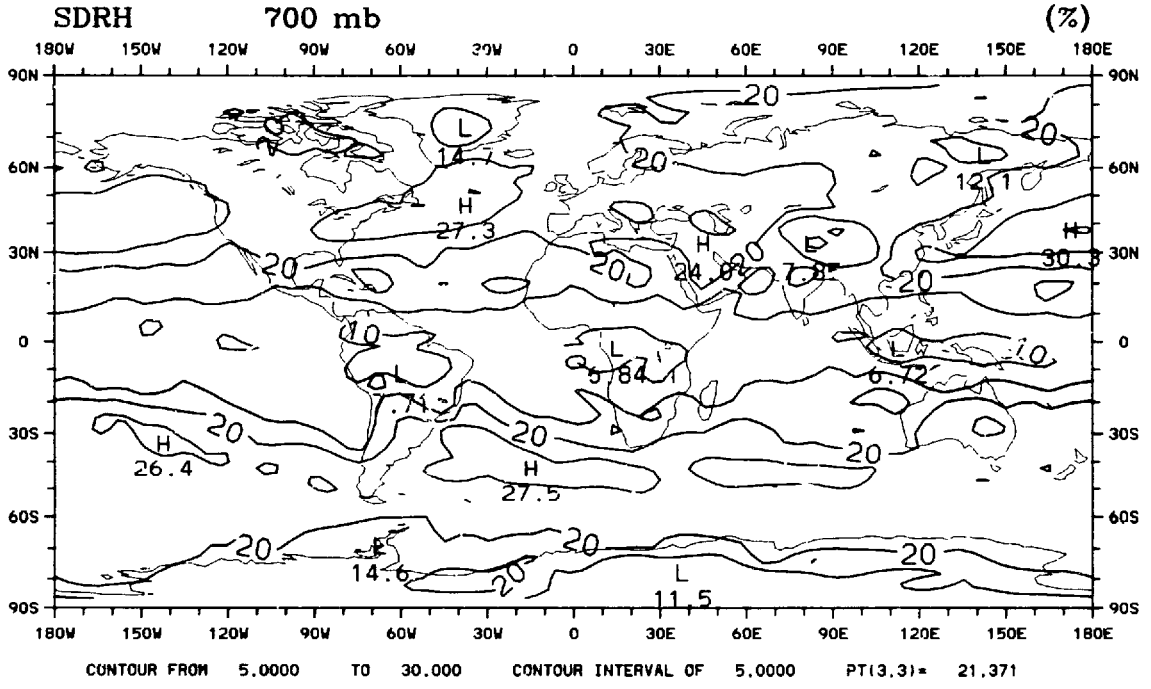
FRAME 2.37

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



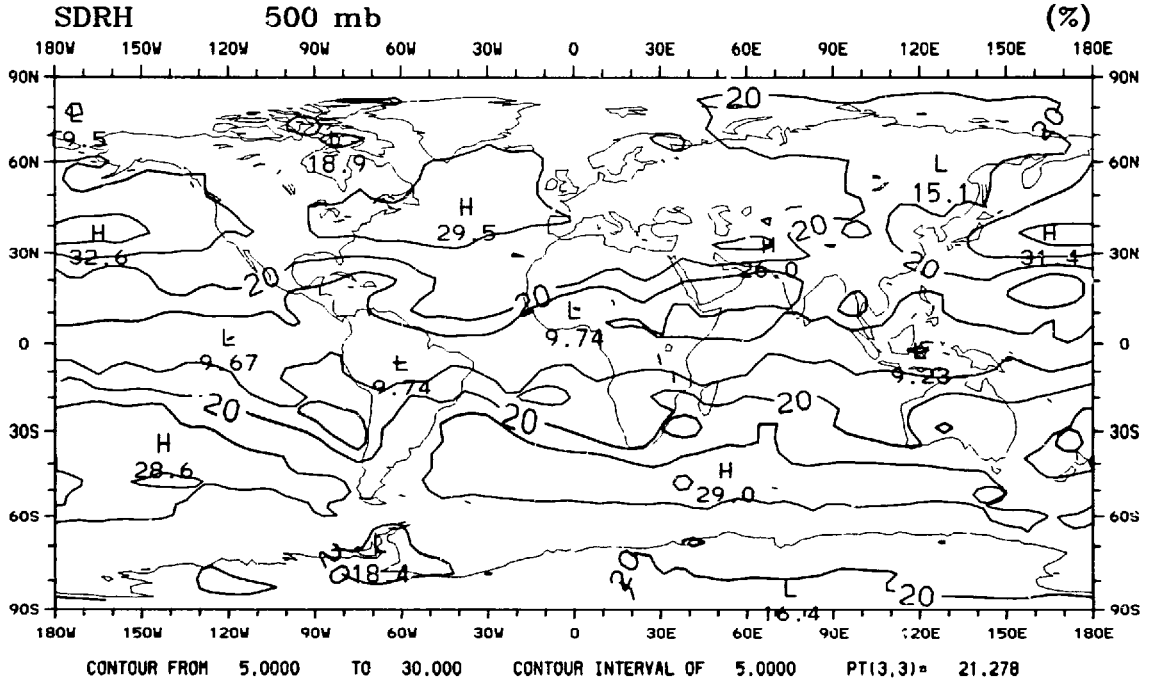

FRAME 2.38

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



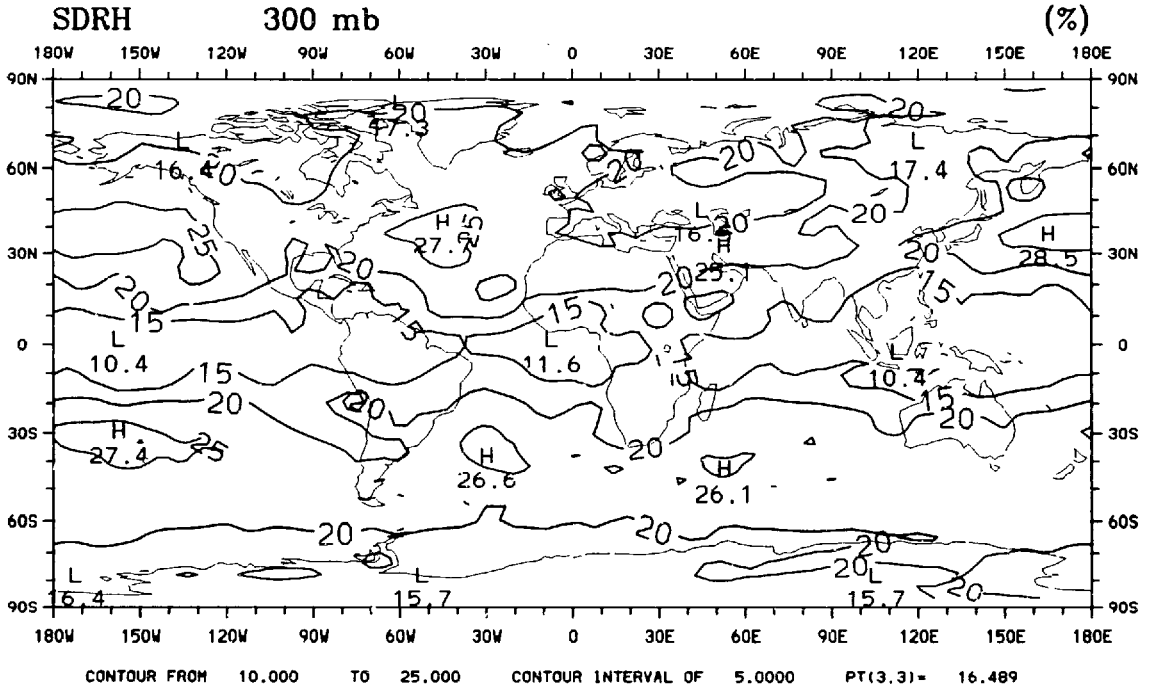

FRAME 2.39

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



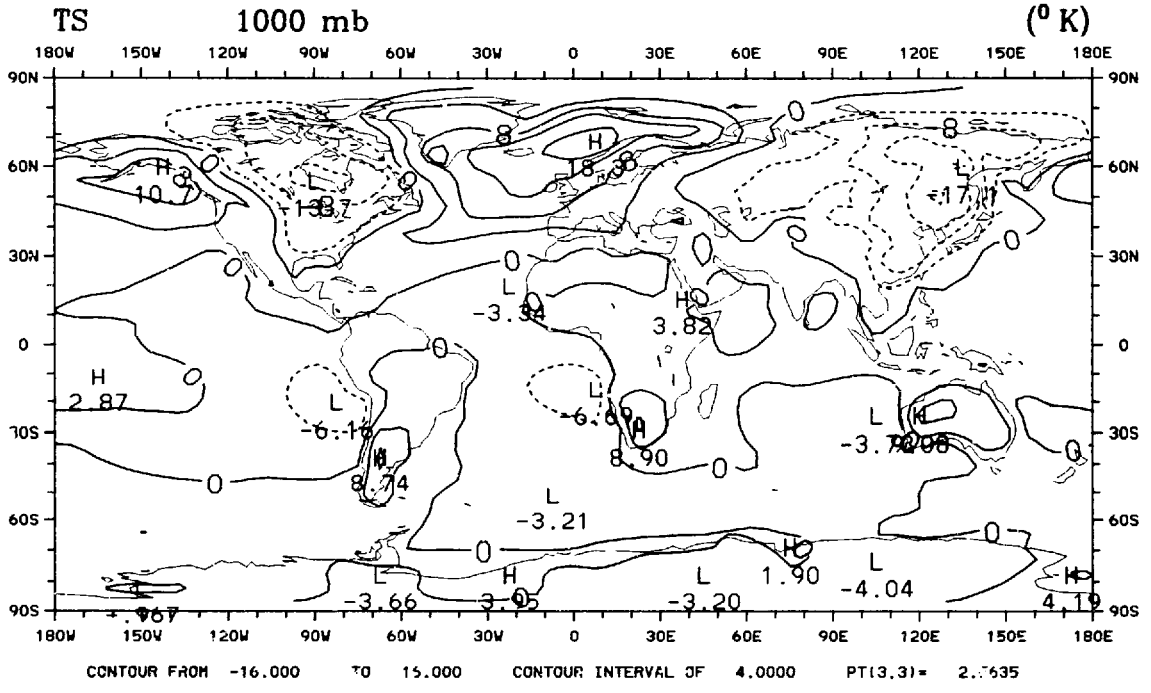

FRAME 2.40

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



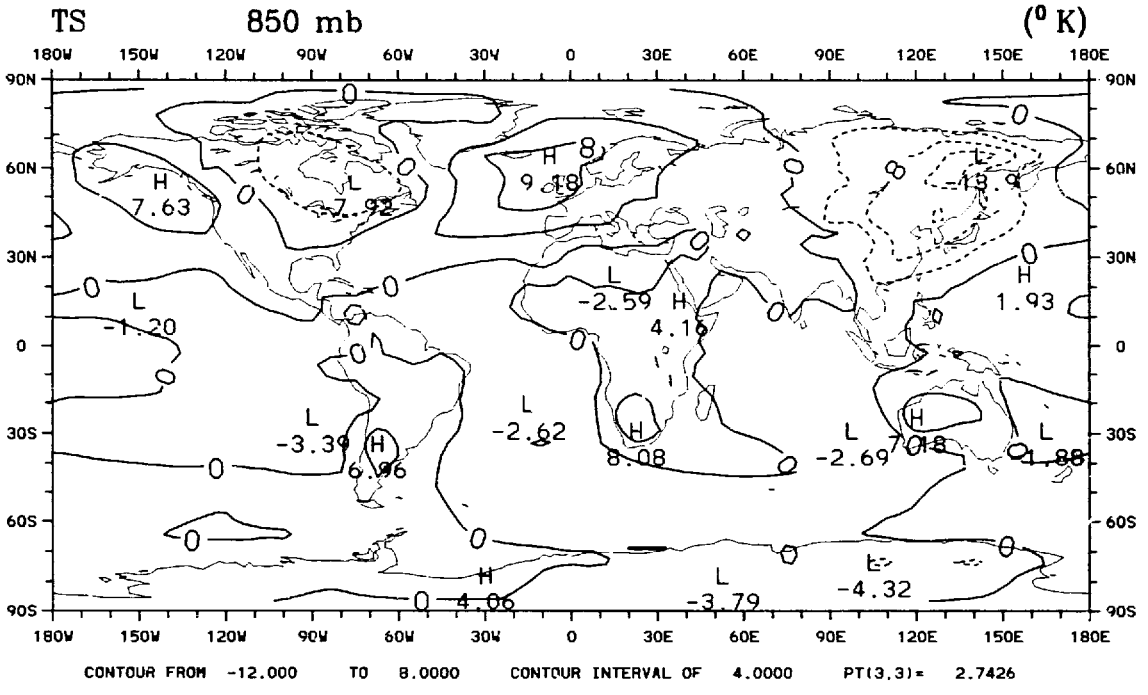

FRAME 2.41

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



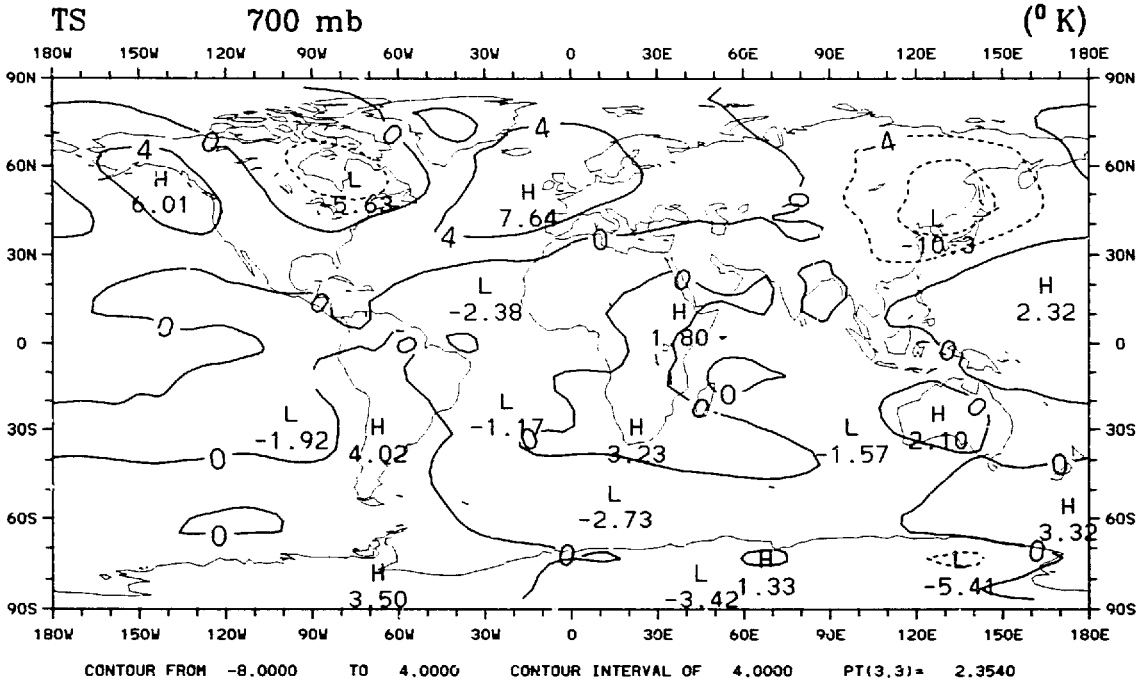

FRAME 2.42

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



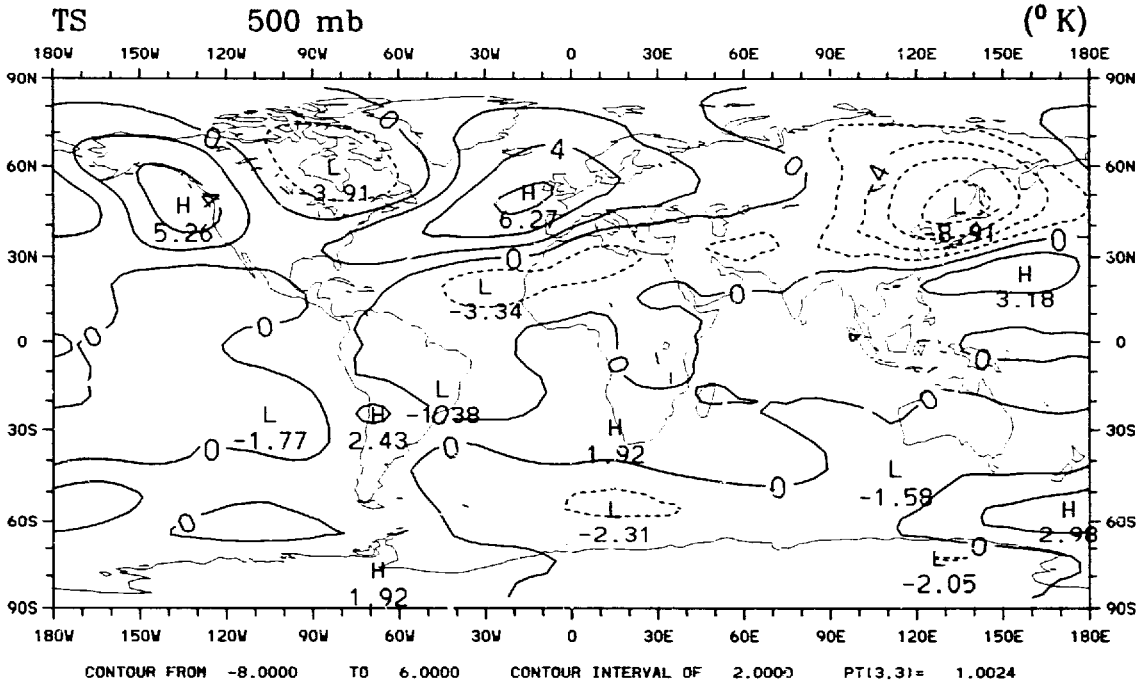

FRAME 2.43

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



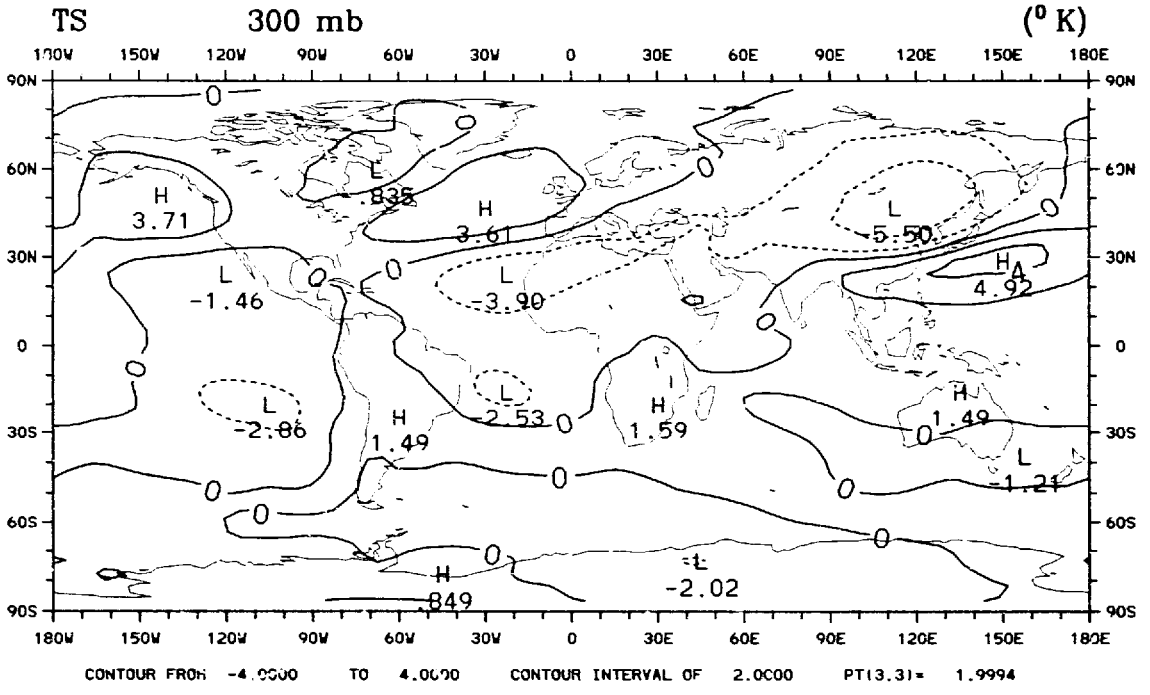

FRAME 2.44

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



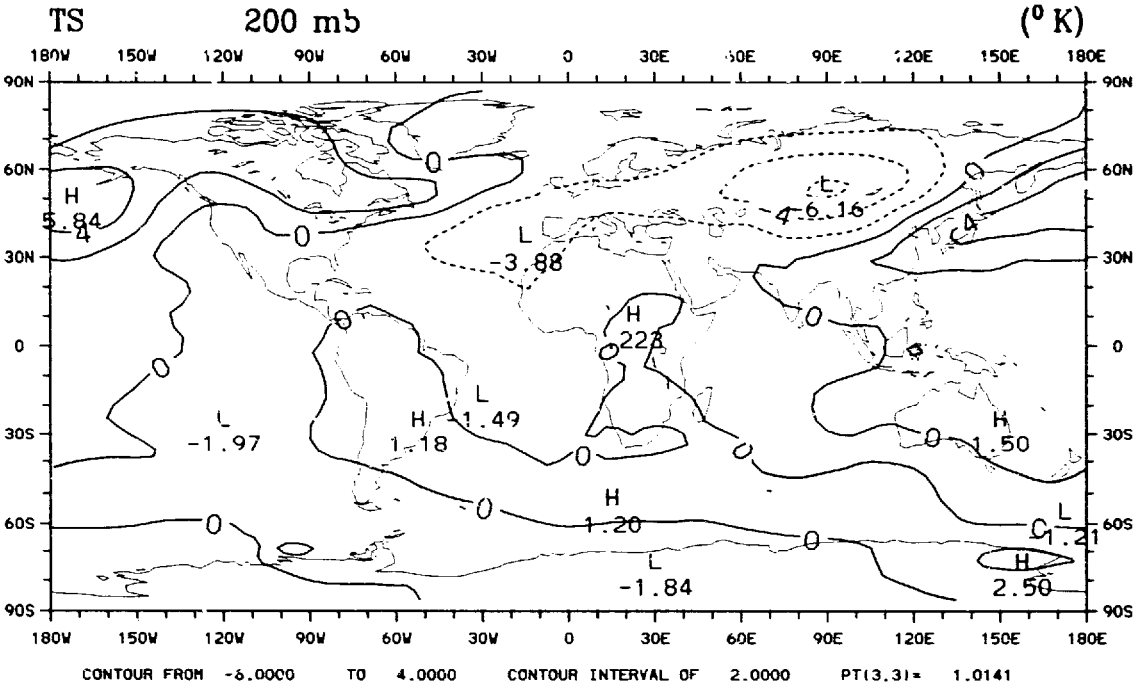

FRAME 2.45

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



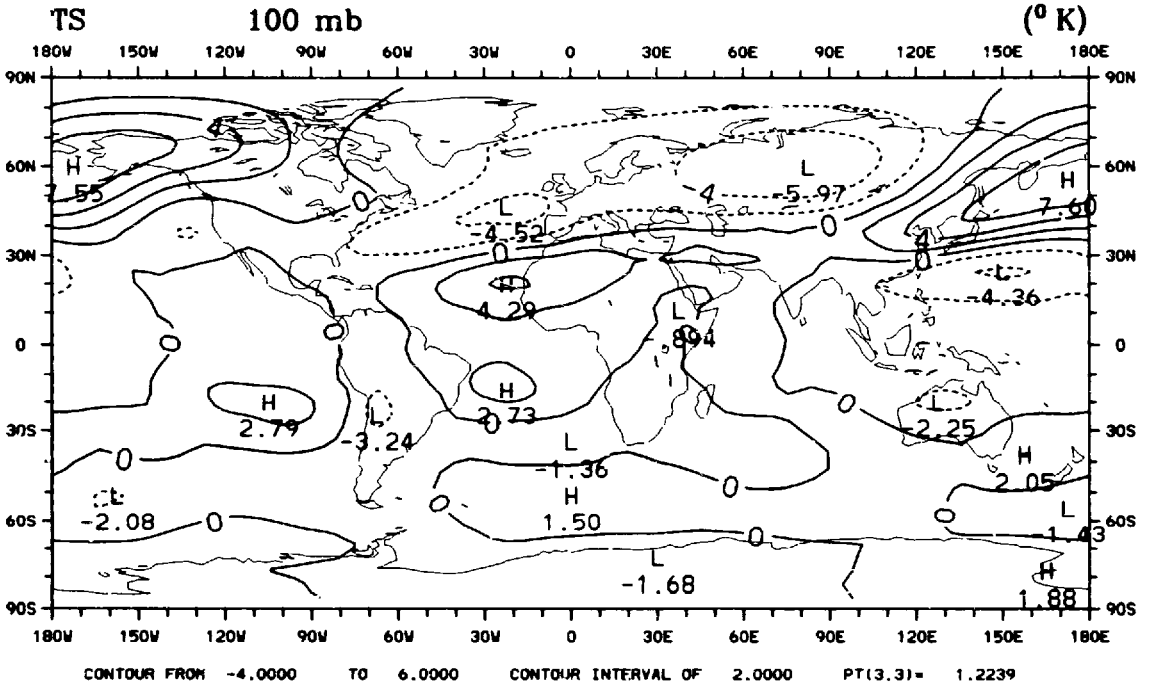

FRAME 2.46

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



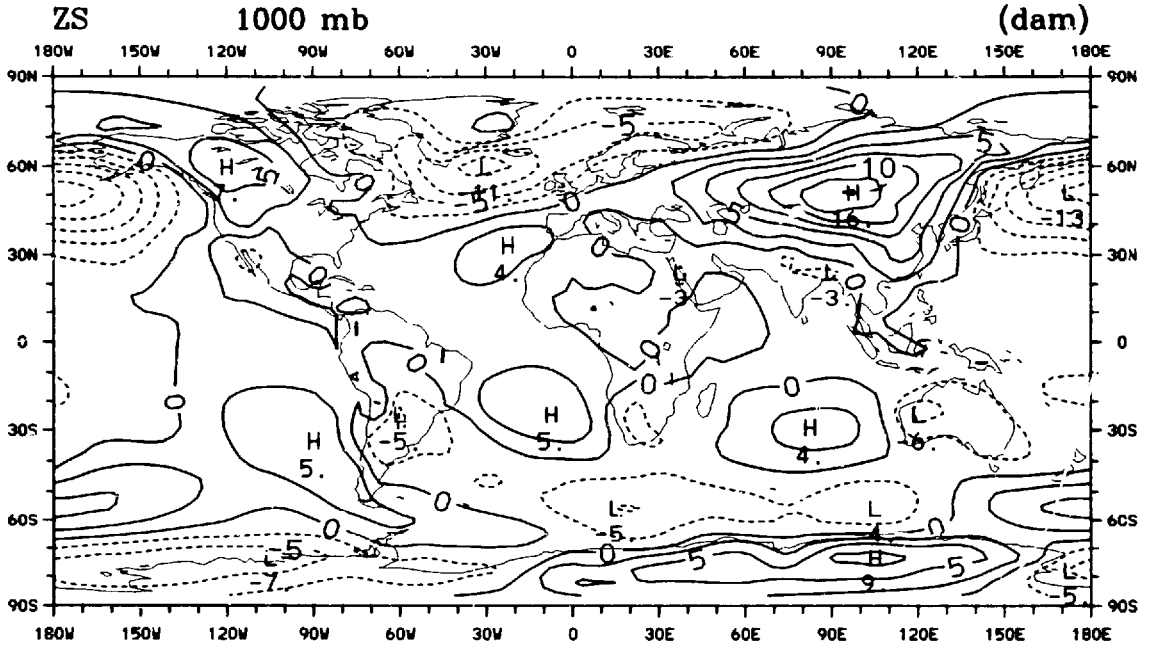

FRAME 2.47

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 2.18

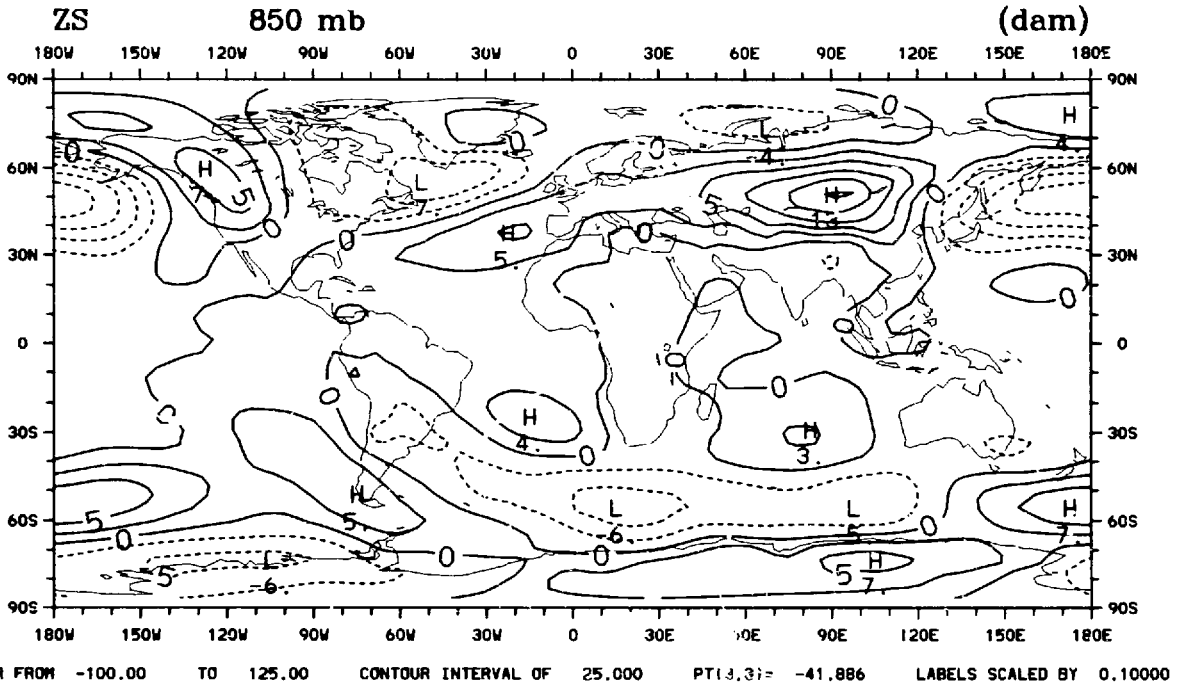
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -125.00 TO 150.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -60.680 LABELS SCALED BY 0.10000

FRAME 2.49

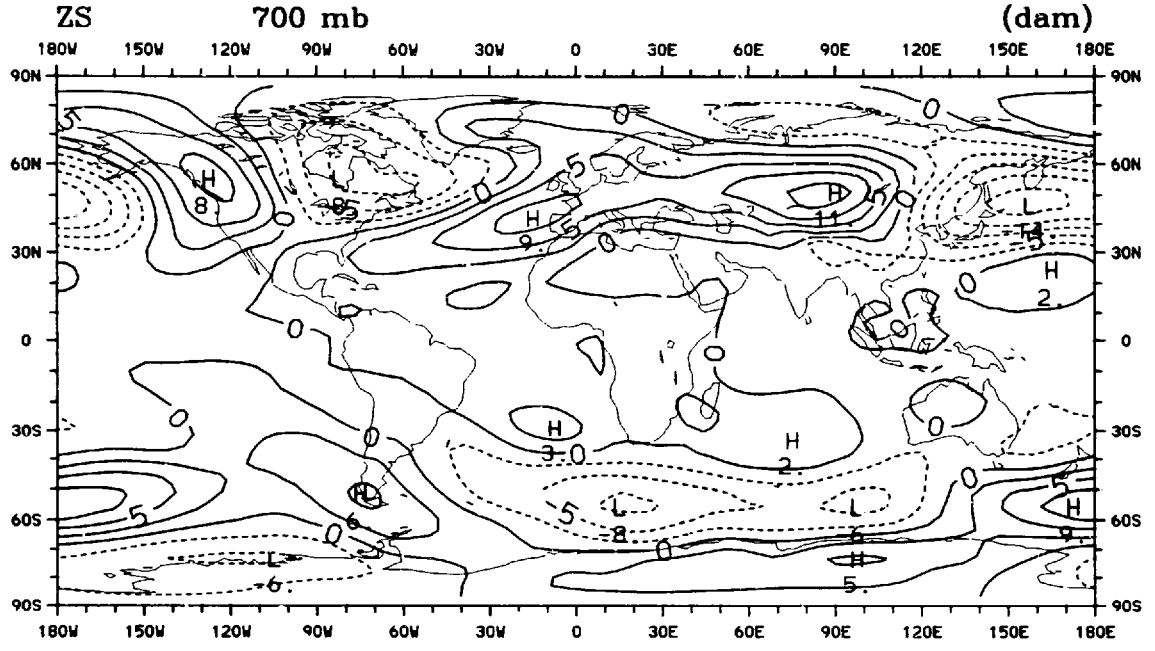
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -100.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -41.886 LABELS SCALED BY 0.10000

FRAME 2.50

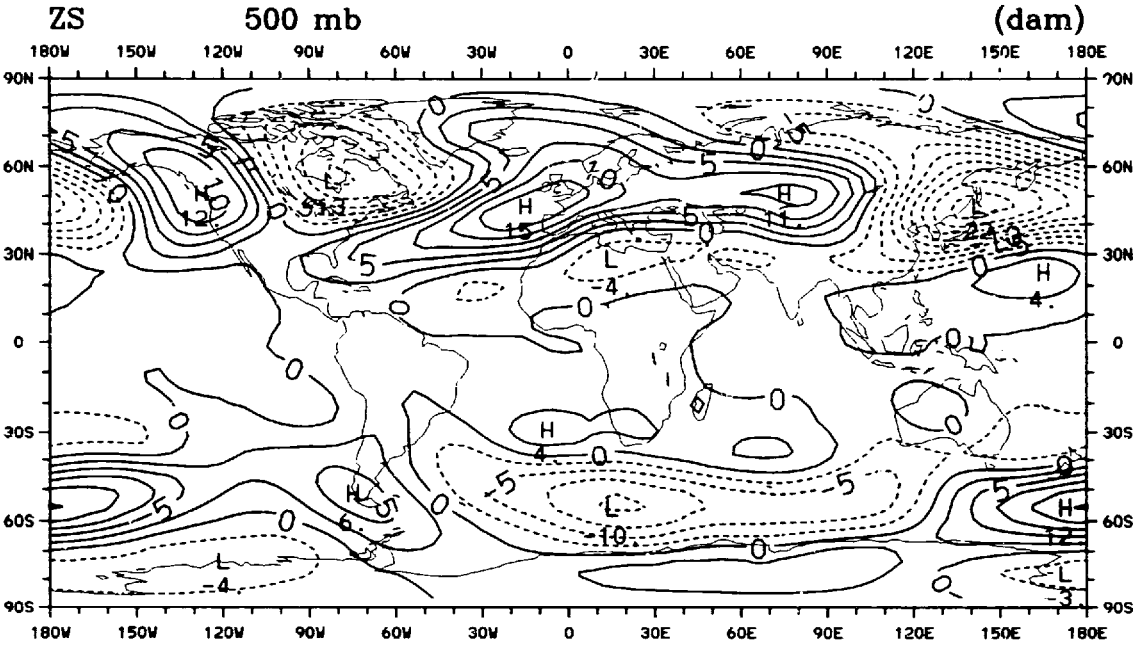
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -125.00 TO 100.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -36.539 LABELS SCALED BY 0.10000

FRAME 2.51

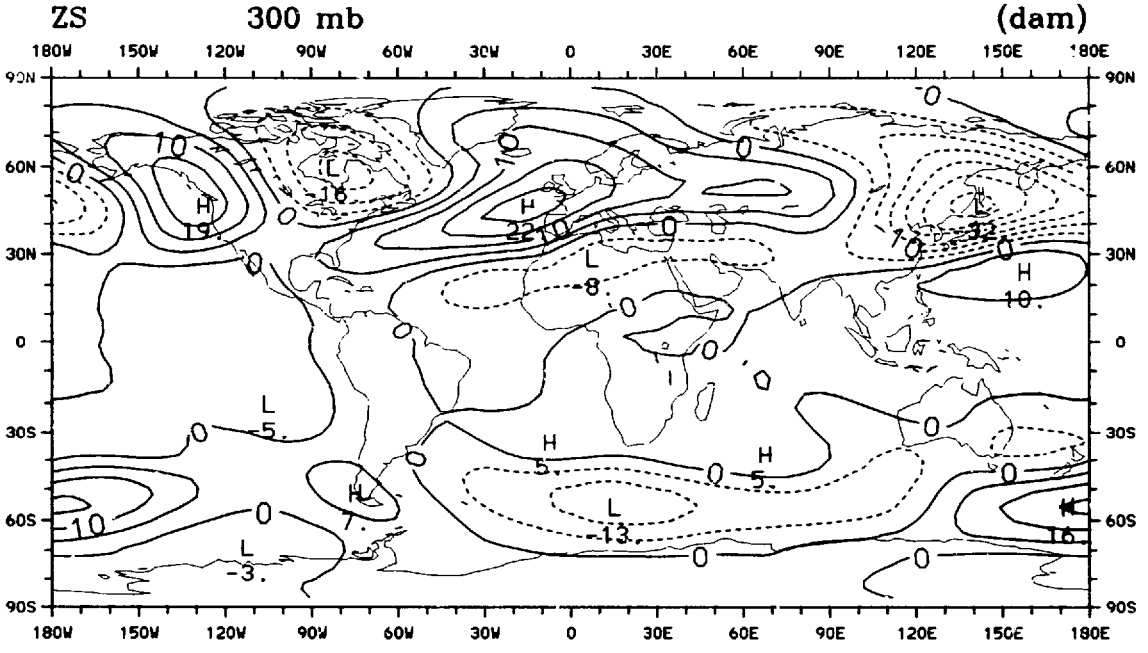
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -200.00 TO 125.00 CONTOUR INTERVAL OF 25.000 PT(3,3)= -30.837 LABELS SCALED BY 0.10000

FRAME 2.52

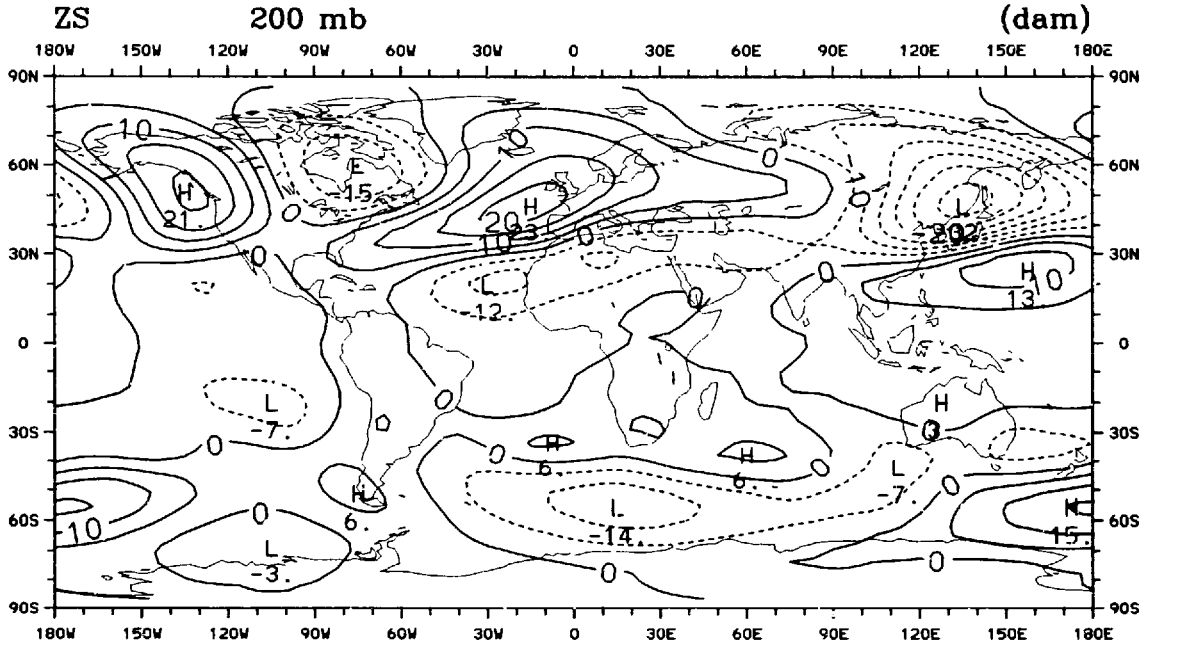
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -300.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= -9.3143 LABELS SCALED BY 0.10000

FRAME 2.53

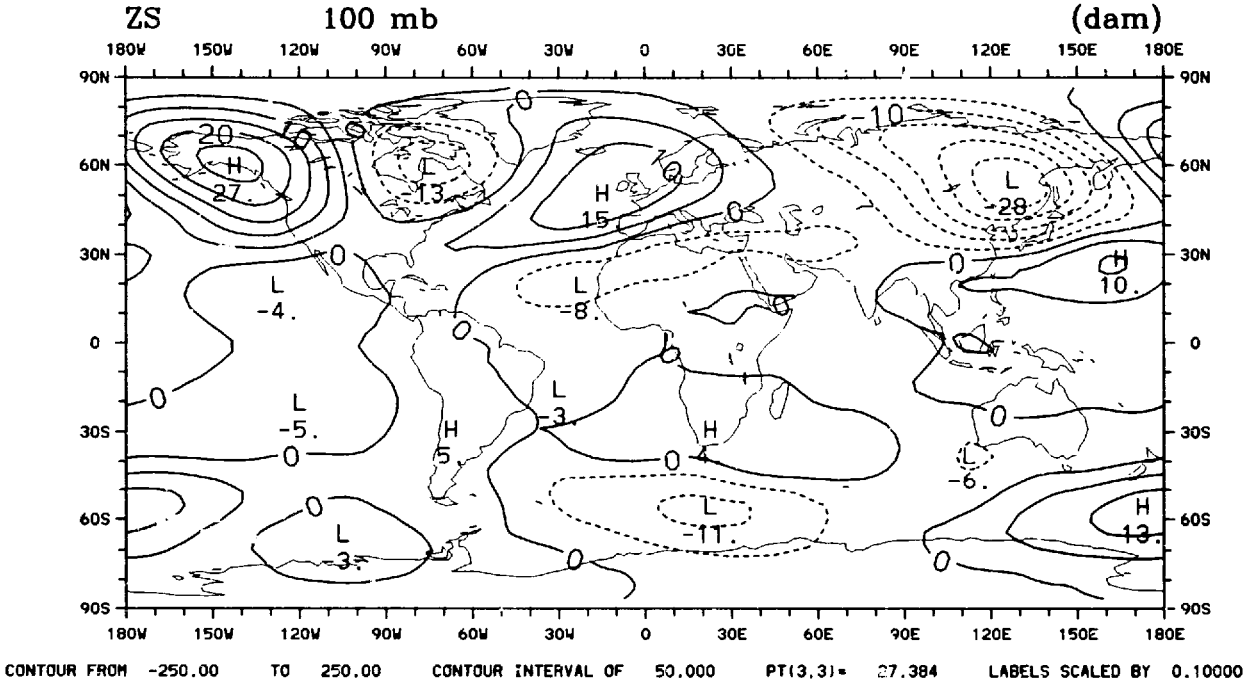
# EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -300.00 TO 200.00 CONTOUR INTERVAL OF 50.000 PT(3,3)= 10.594 LABELS SCALED BY 0.10000

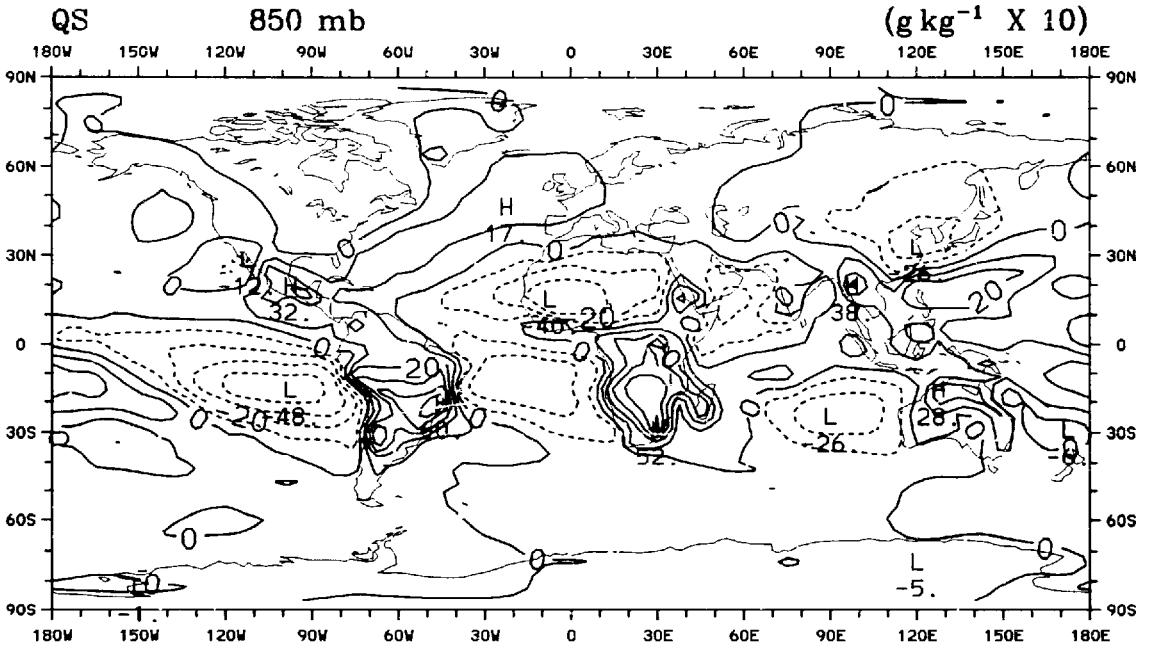
FRAME 2.54

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 2.55

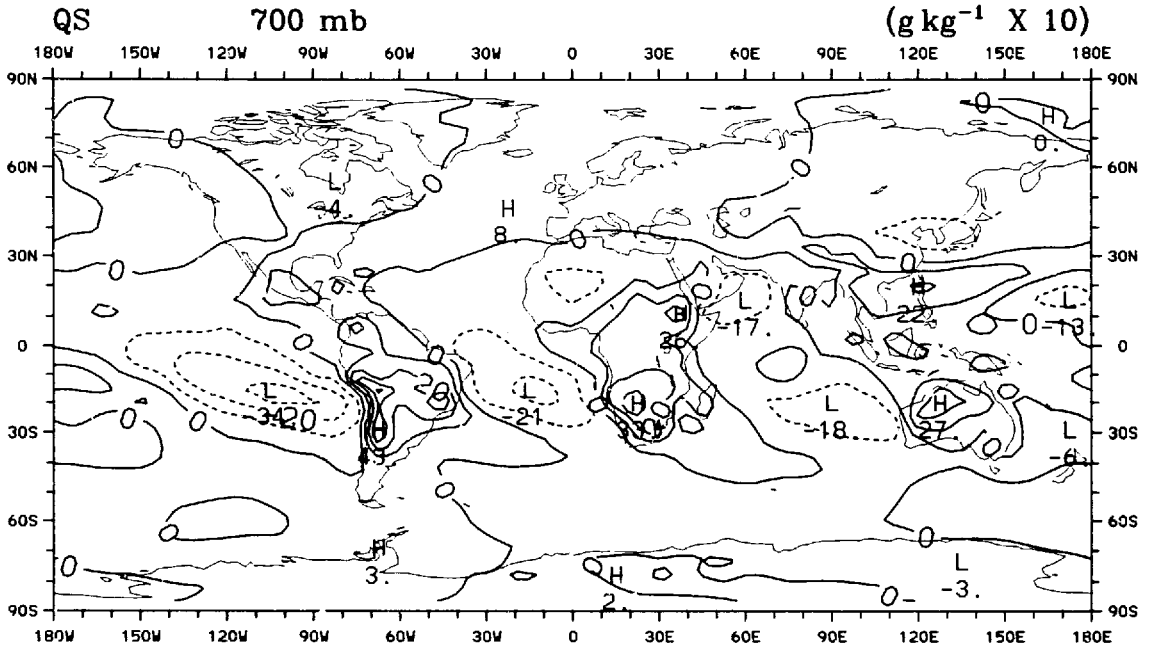
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.40000E-02 TO 0.60000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.81969E-06 LABELS SCALED BY 10000.

FRAME 2.56

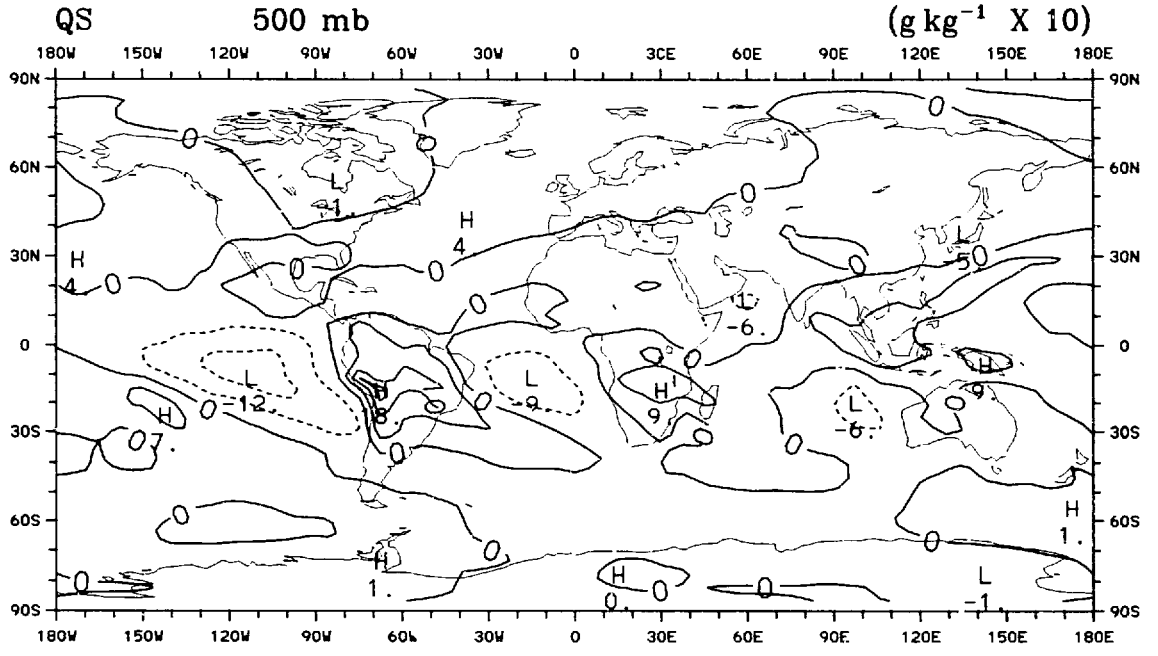
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.30000E-02 TO 0.40000E-02 CONTOUR INTERVAL OF 0.10000E-02 PT(3,3)= -0.79549E-05 LABELS SCALED BY 10000.

FRAME 2.57

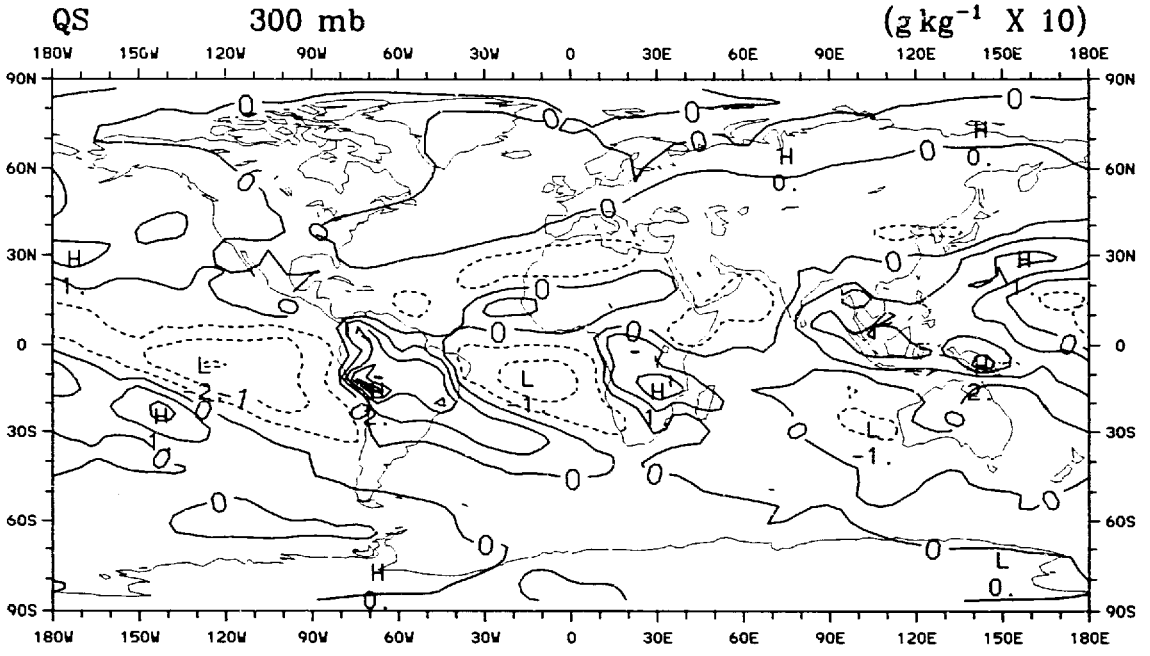
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




CONTOUR FROM -0.10000E-02 TO 0.15000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.11404E-04 LABELS SCALED BY 10000.

FRAME 2.58

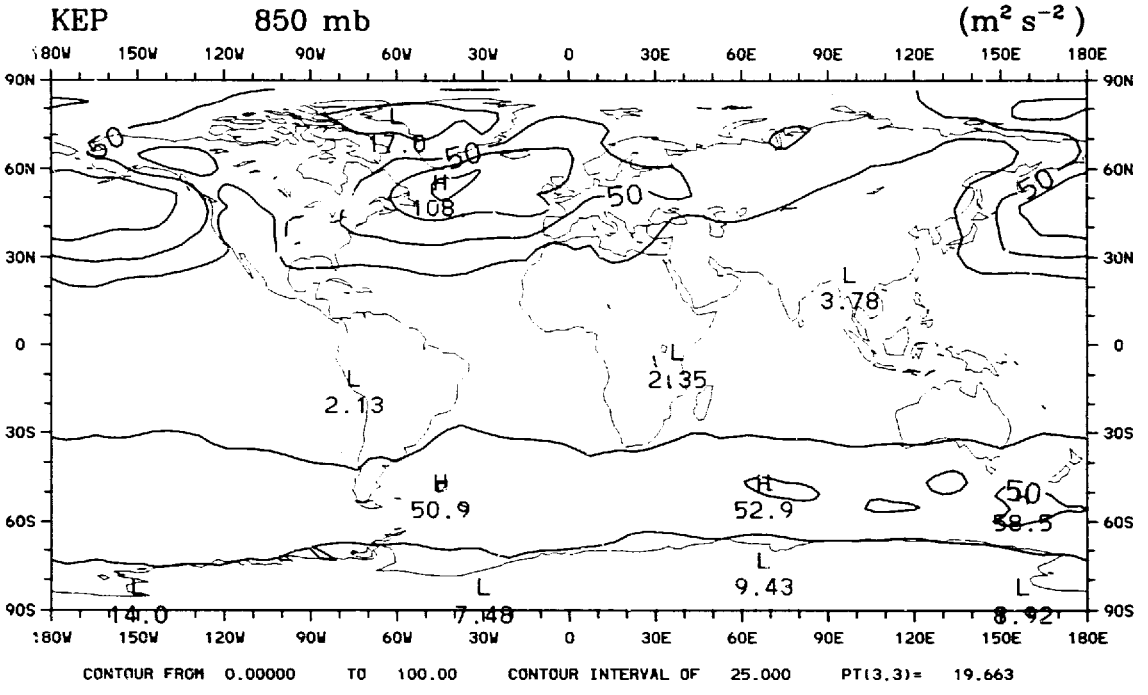
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




CONTOUR FROM -0.15000E-03 TO 0.20000E-03 CONTOUR INTERVAL OF 0.50000E-04 PT(3,3)= 0.56269E-05 LABELS SCALED BY 10000.

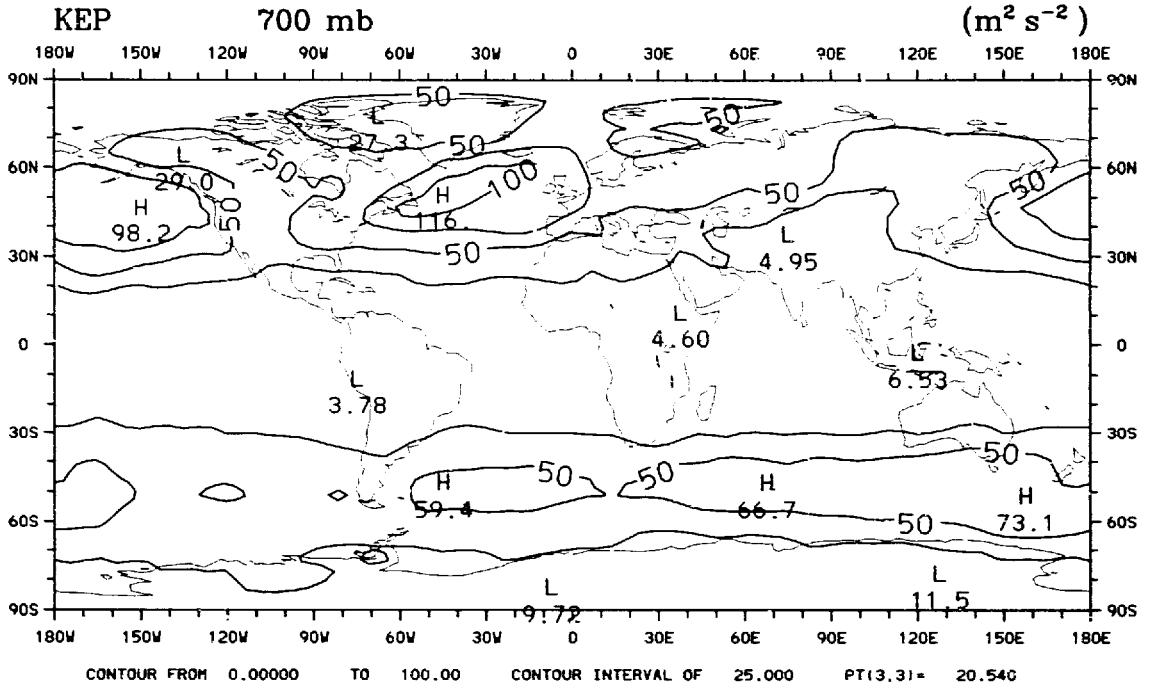
FRAME 2.59

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)



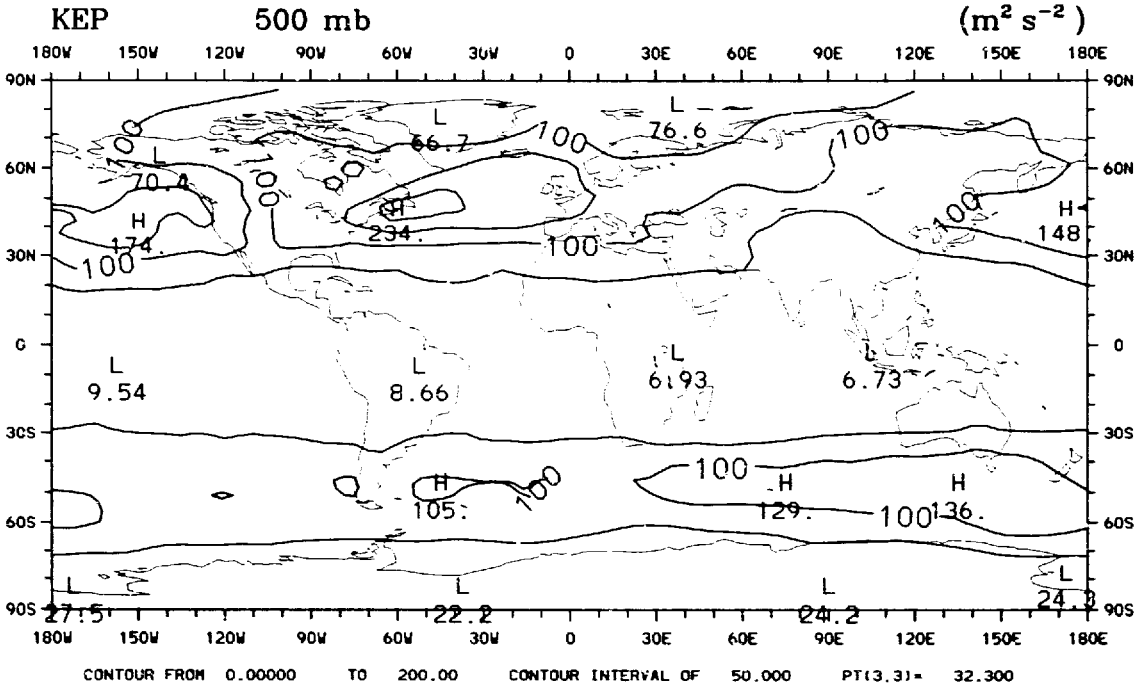

FRAME 2.60

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



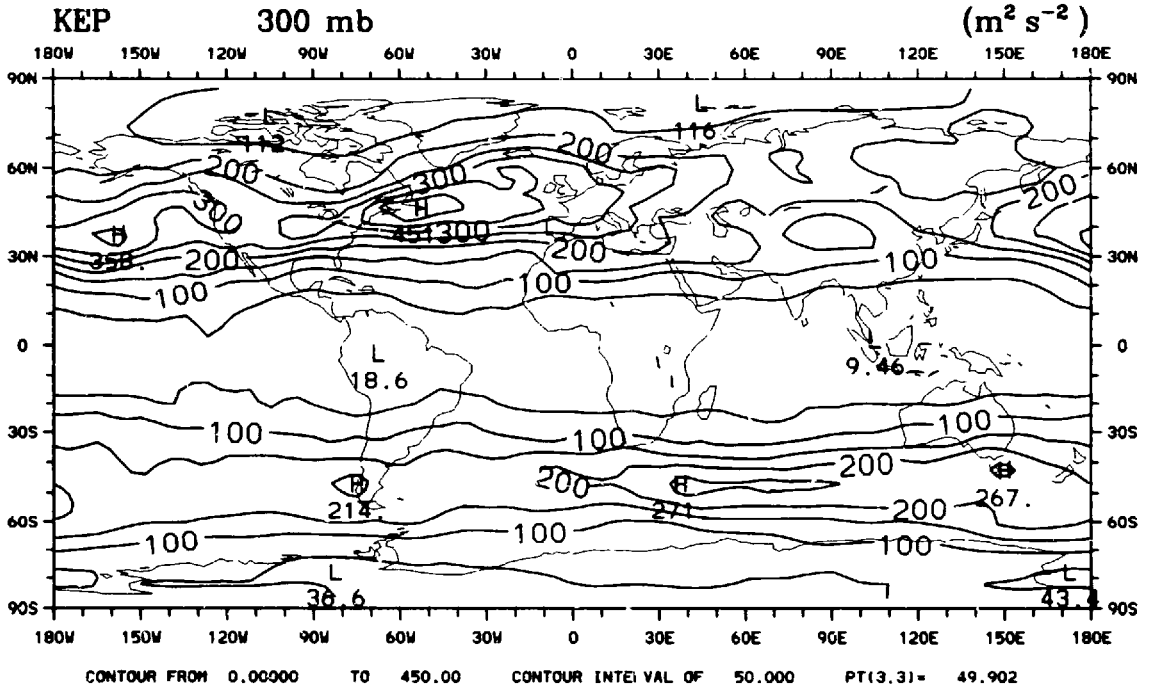

FRAME 2.61

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



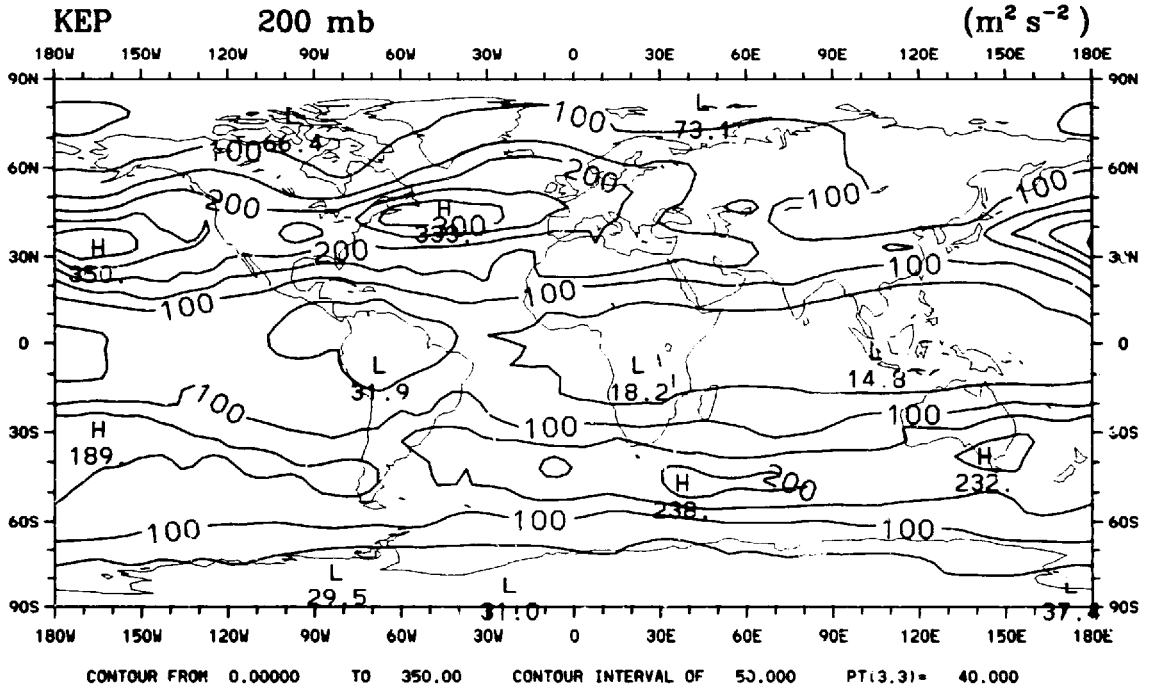

FRAME 2.62

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



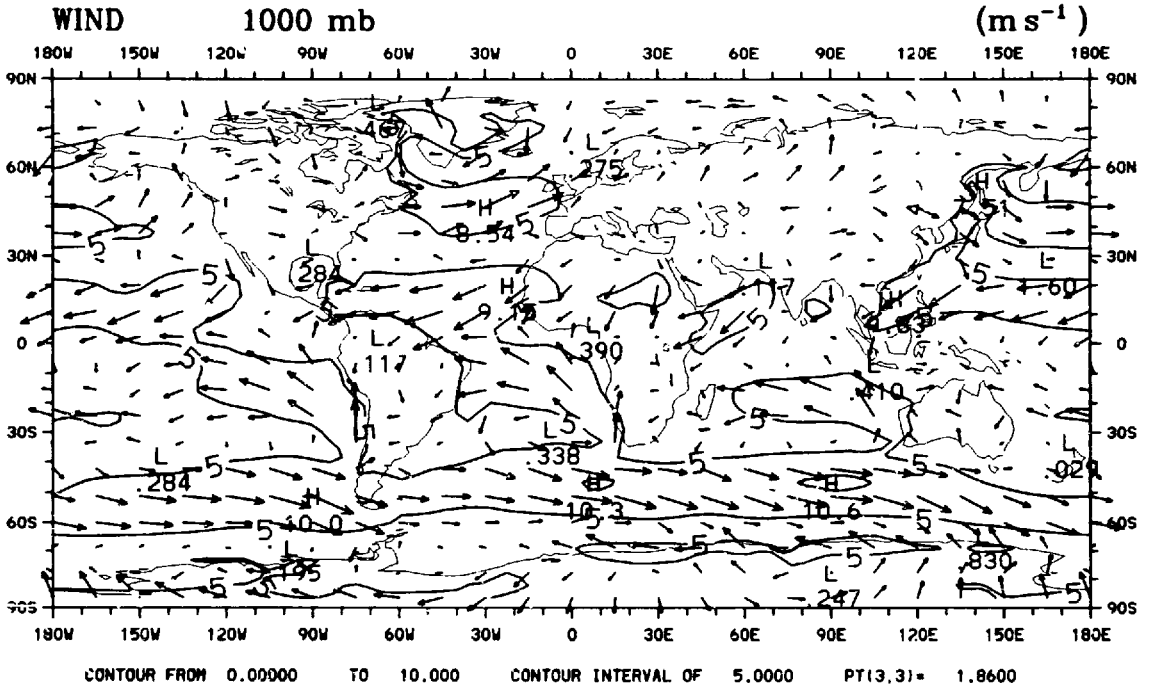

FRAME 2.63

EC F15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




FRAME 2.64

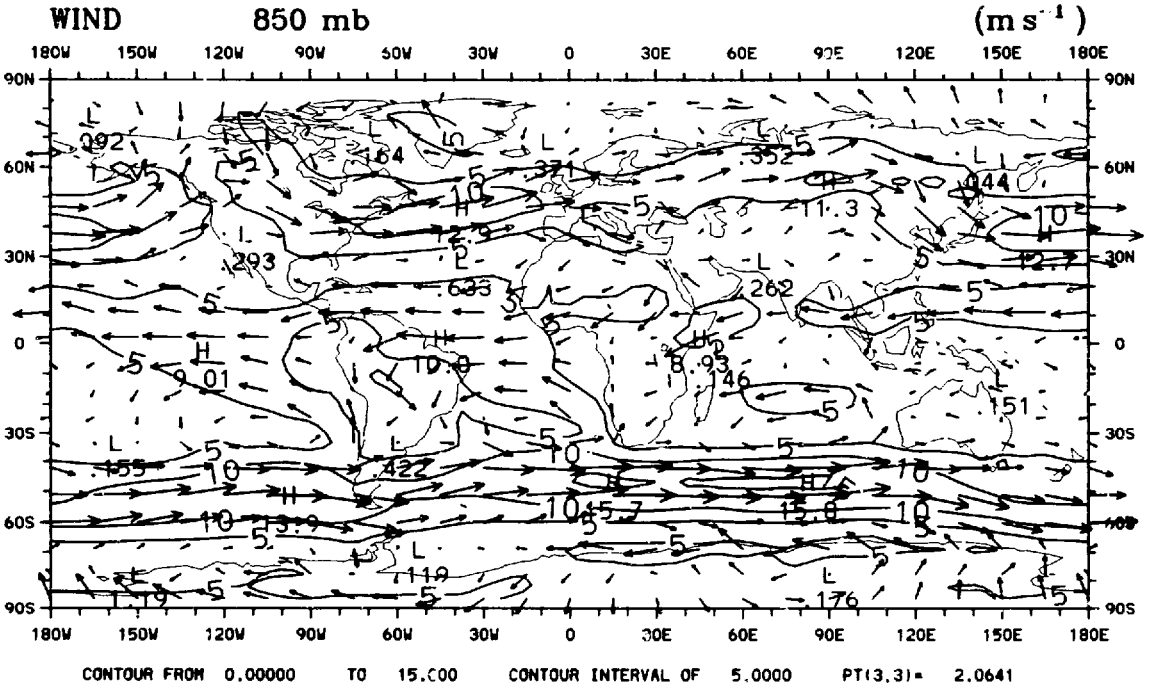
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.100E+02 →
SCALING VECTOR

FRAME 2.65

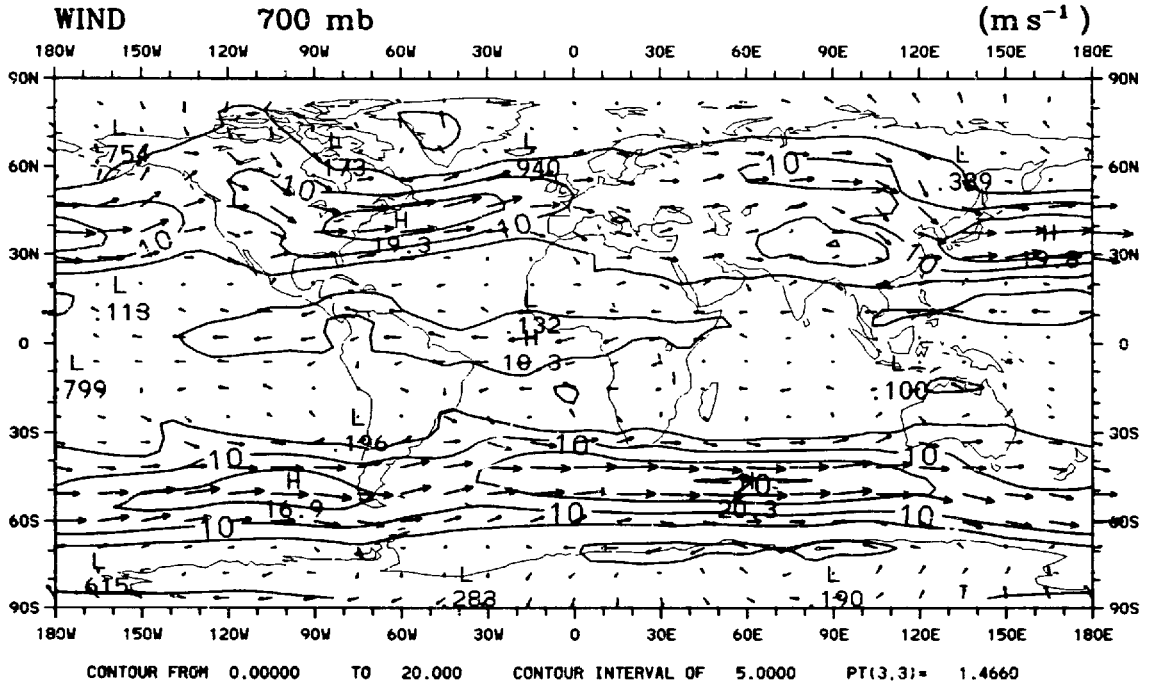
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.100E+02 ⟶
SCALING VECTOR

FRAME 2.66

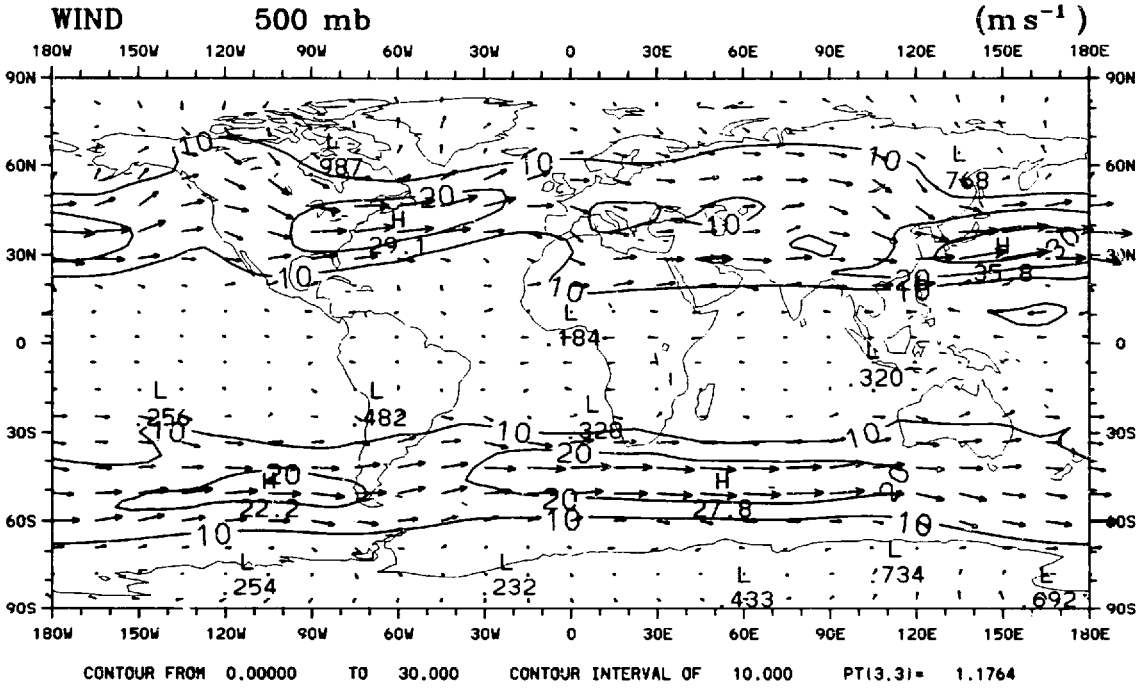
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.200E+02 →
SCALING VECTOR

FRAME 2.67

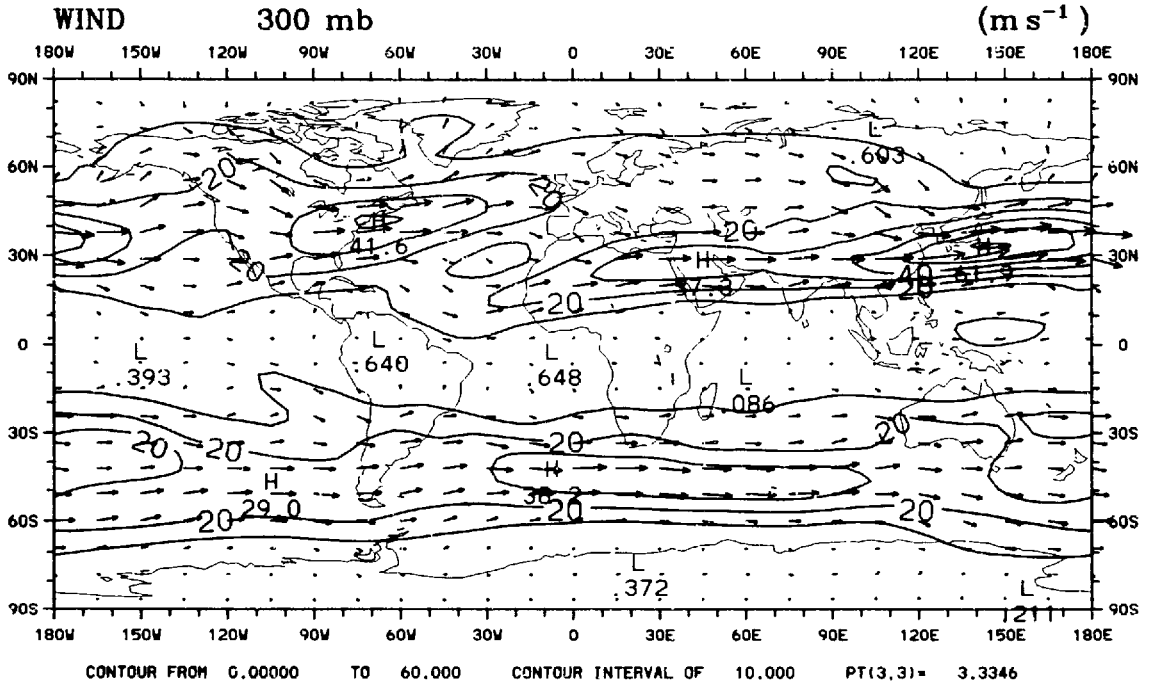
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.300E+02 →
SCALING VECTOR

FRAME 2.68

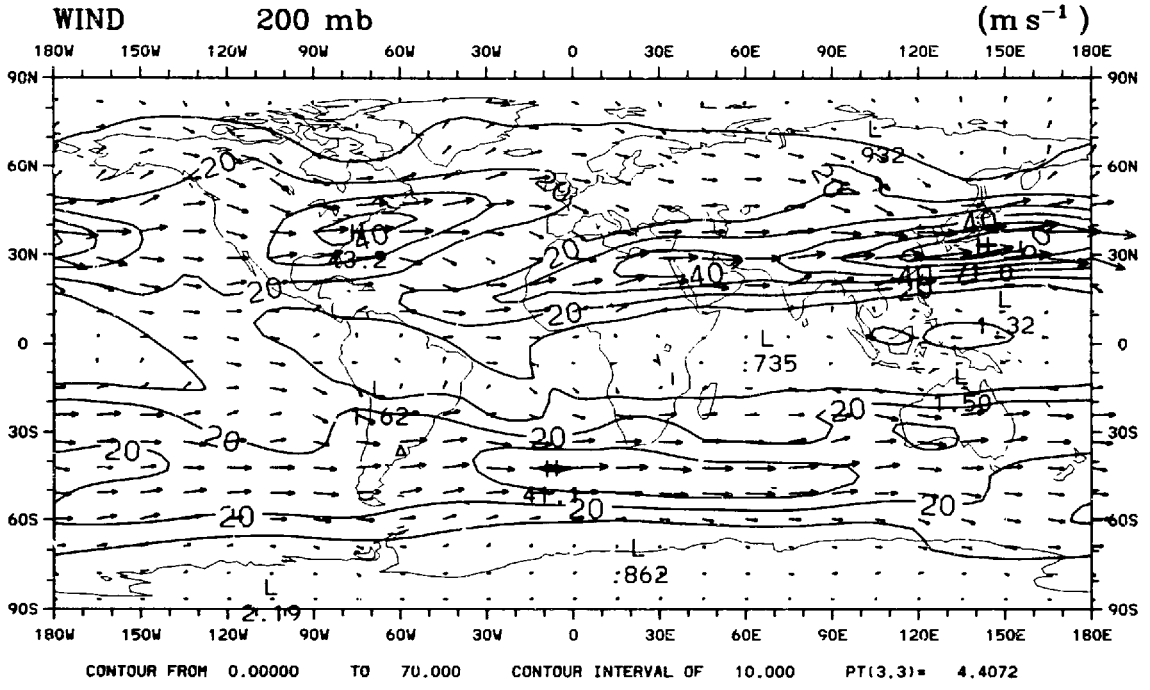
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.69

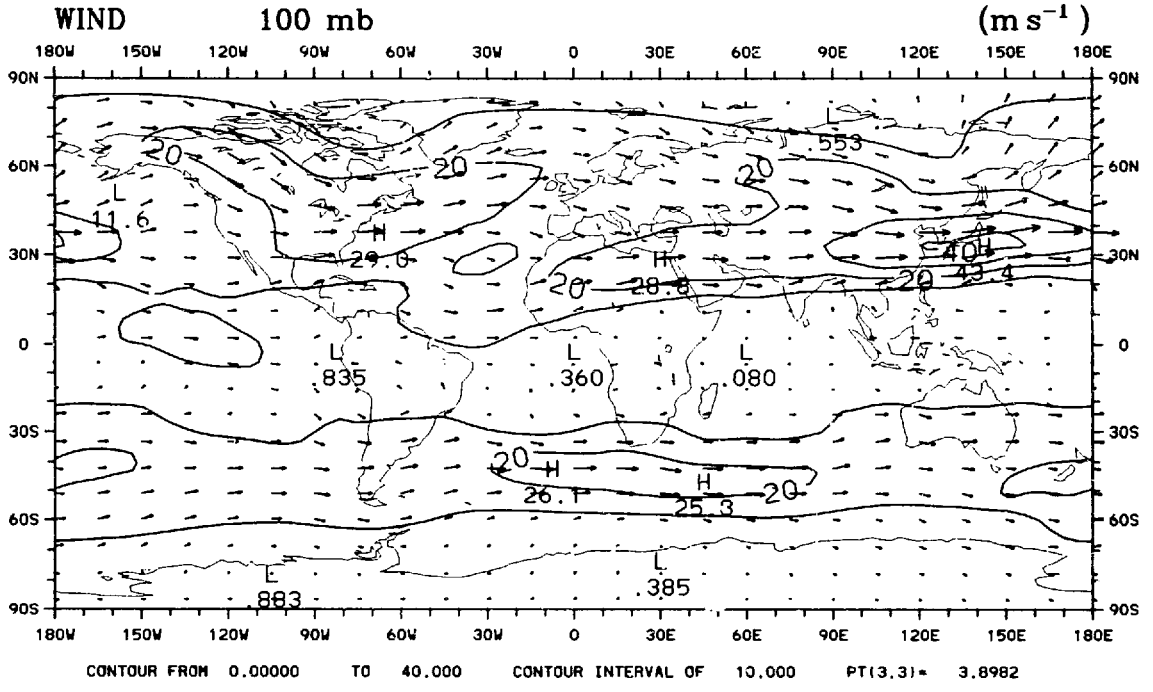
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 2.70

0.500E+02 →
SCALING VECTOR

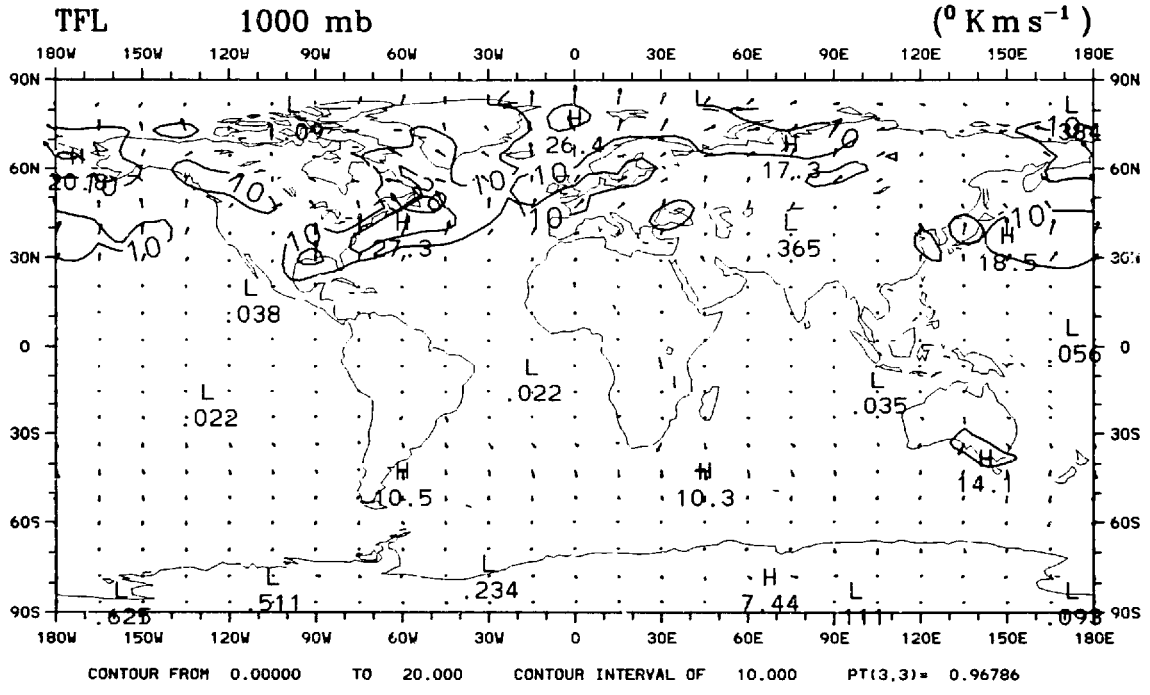
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.71

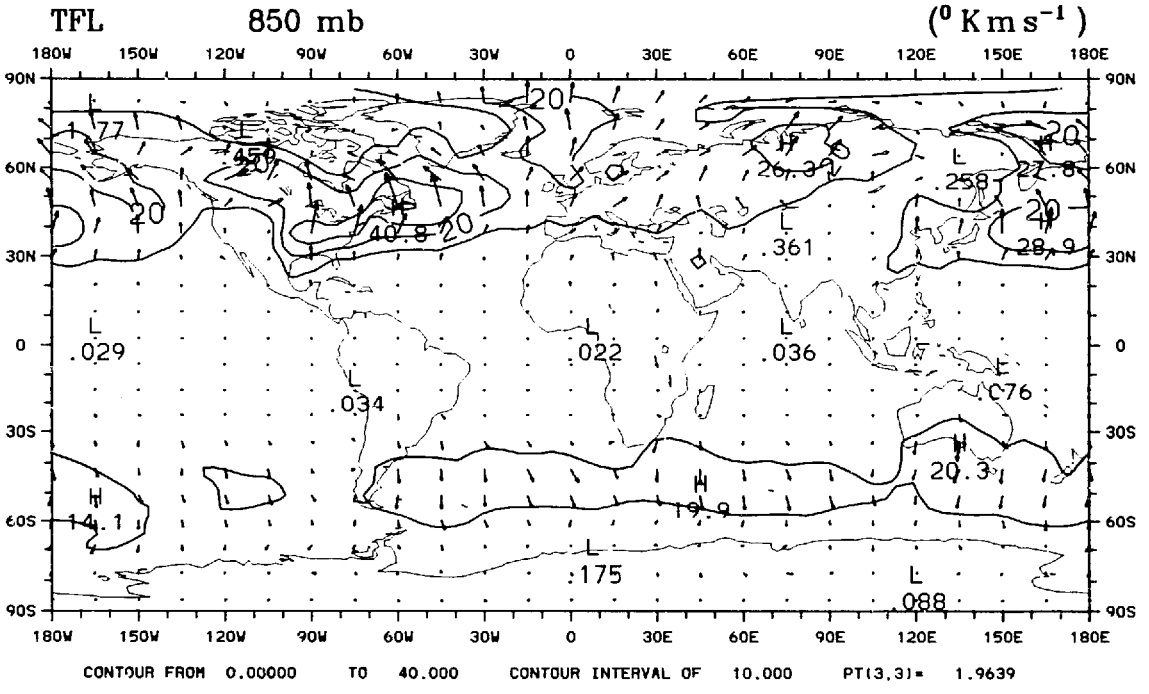
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.72

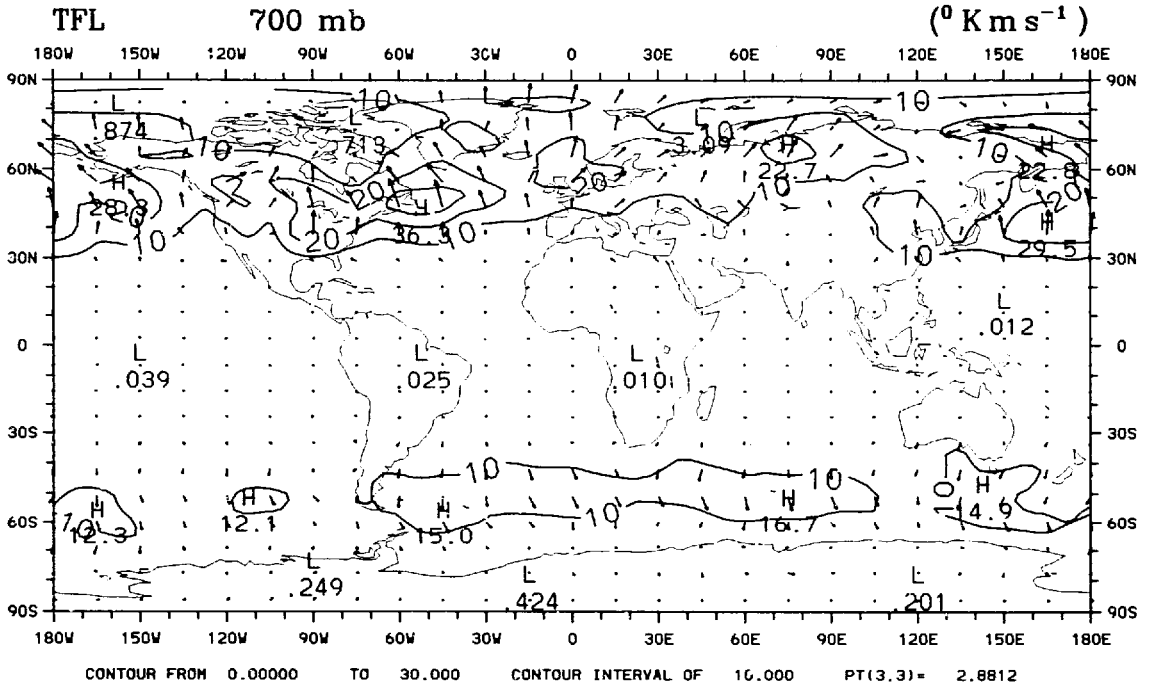
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.73

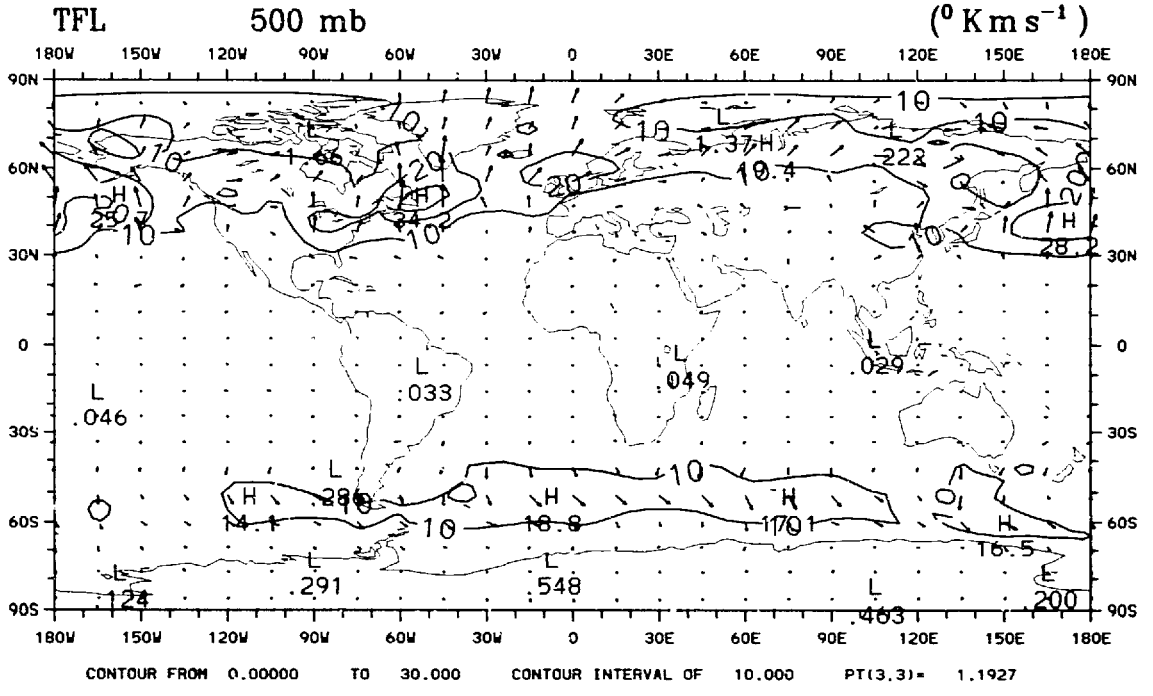
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.74

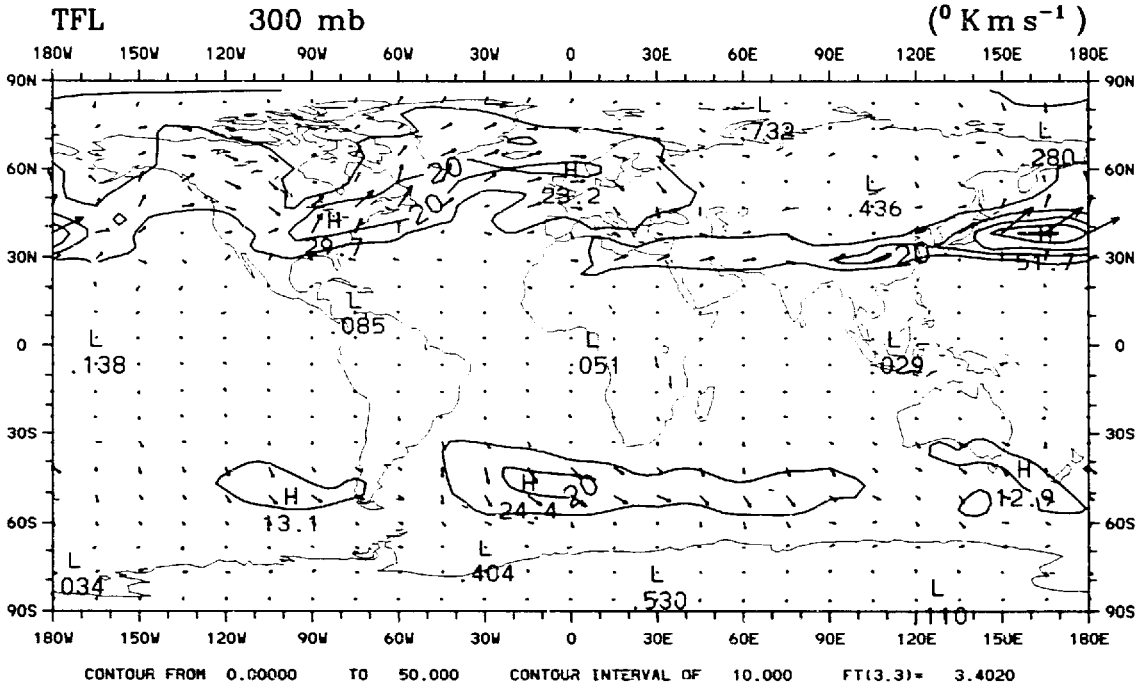
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.75

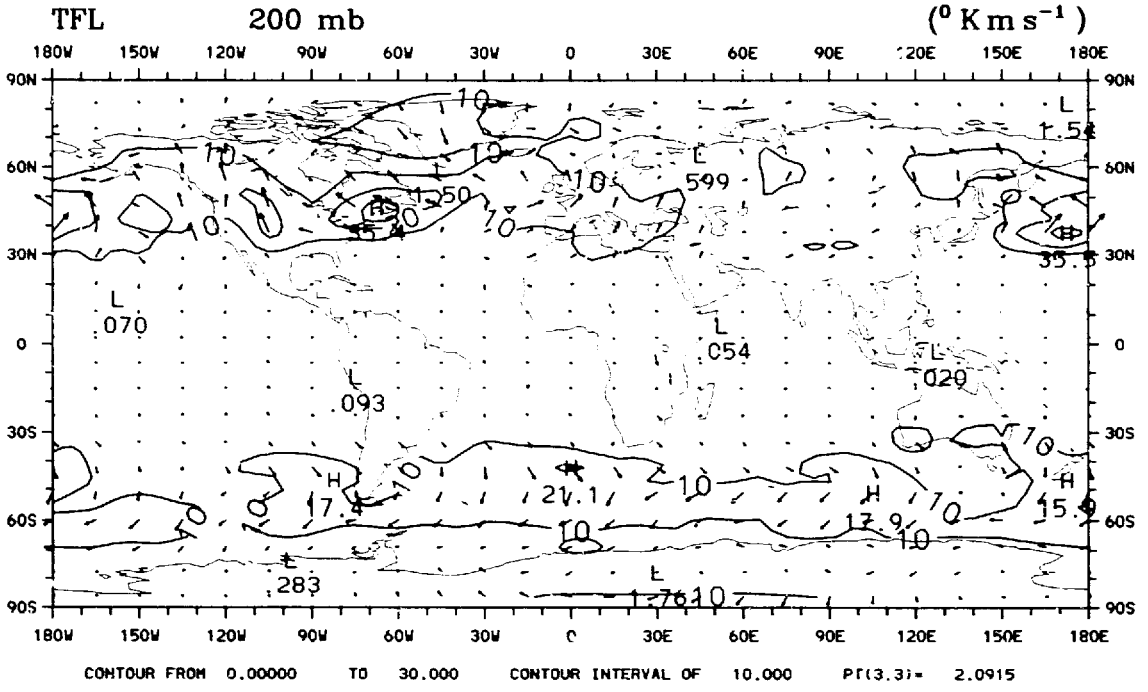
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.76

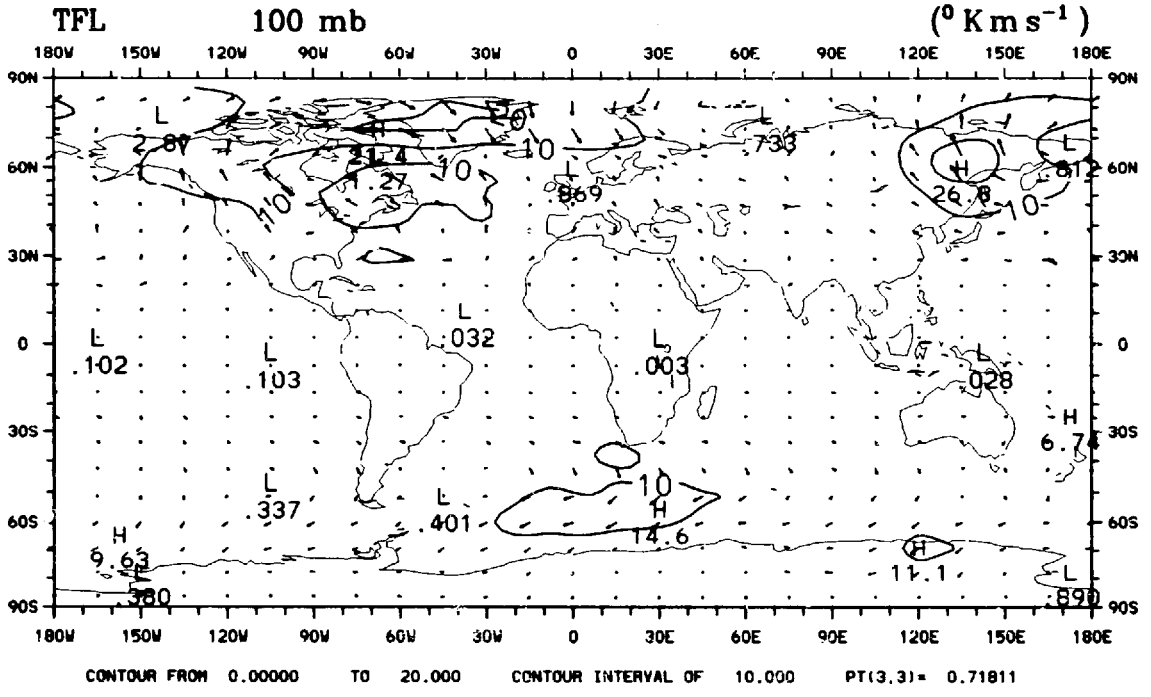
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.77

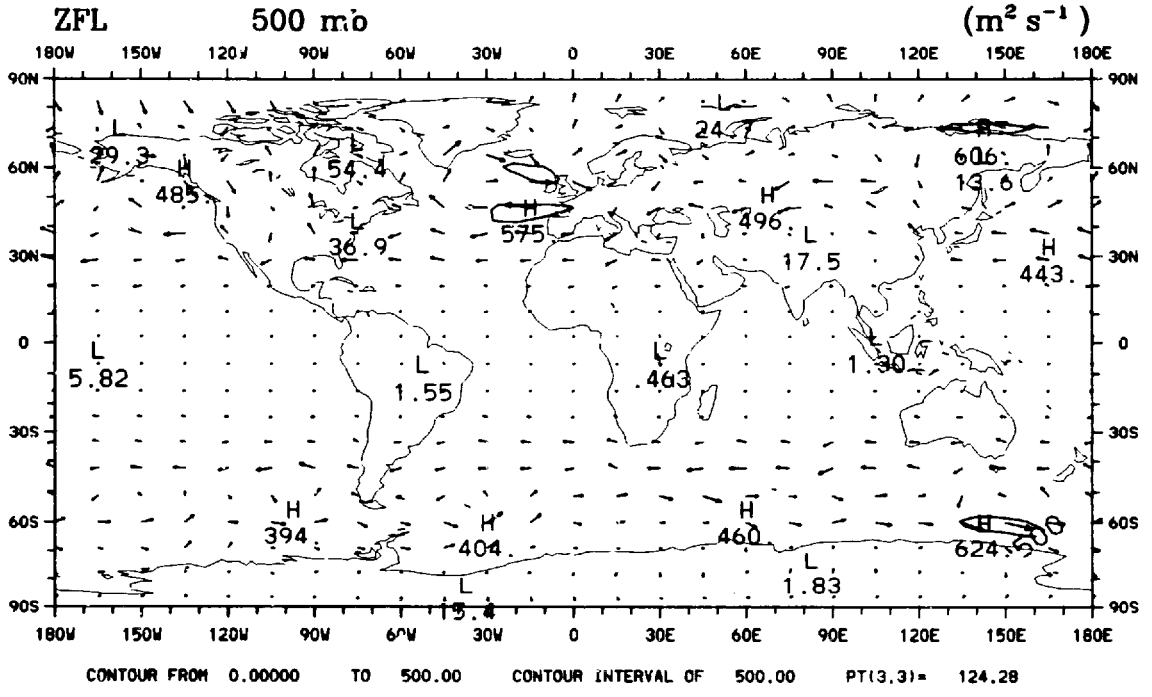
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.500E+02 →
SCALING VECTOR

FRAME 2.78

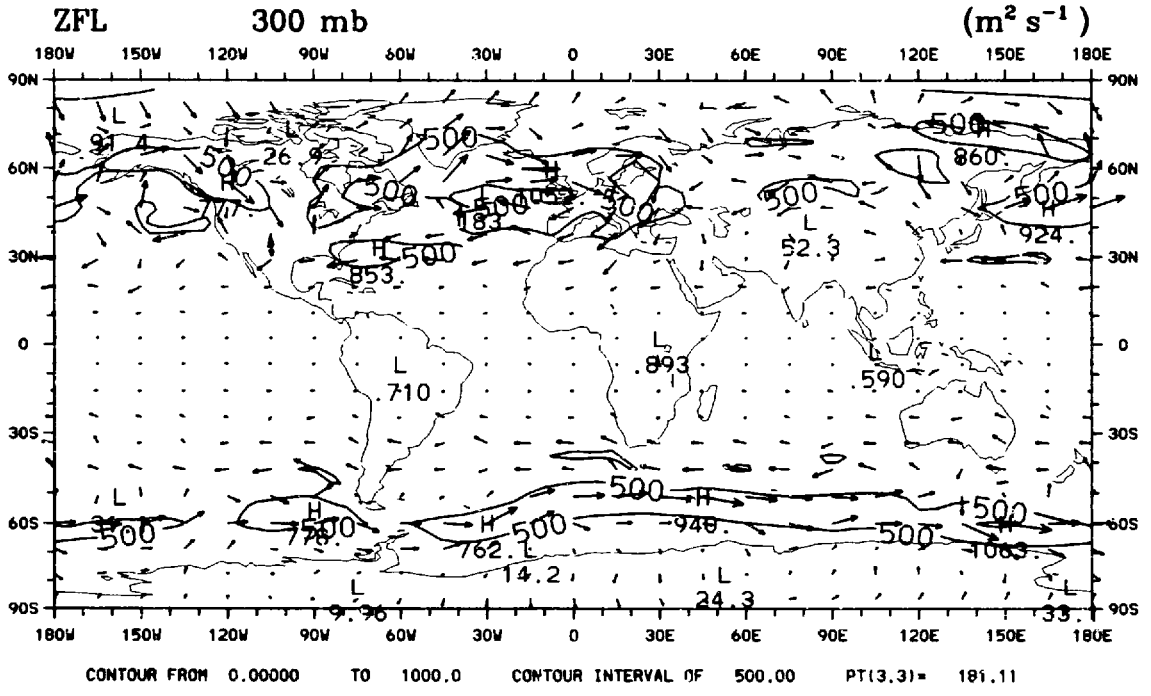
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.79

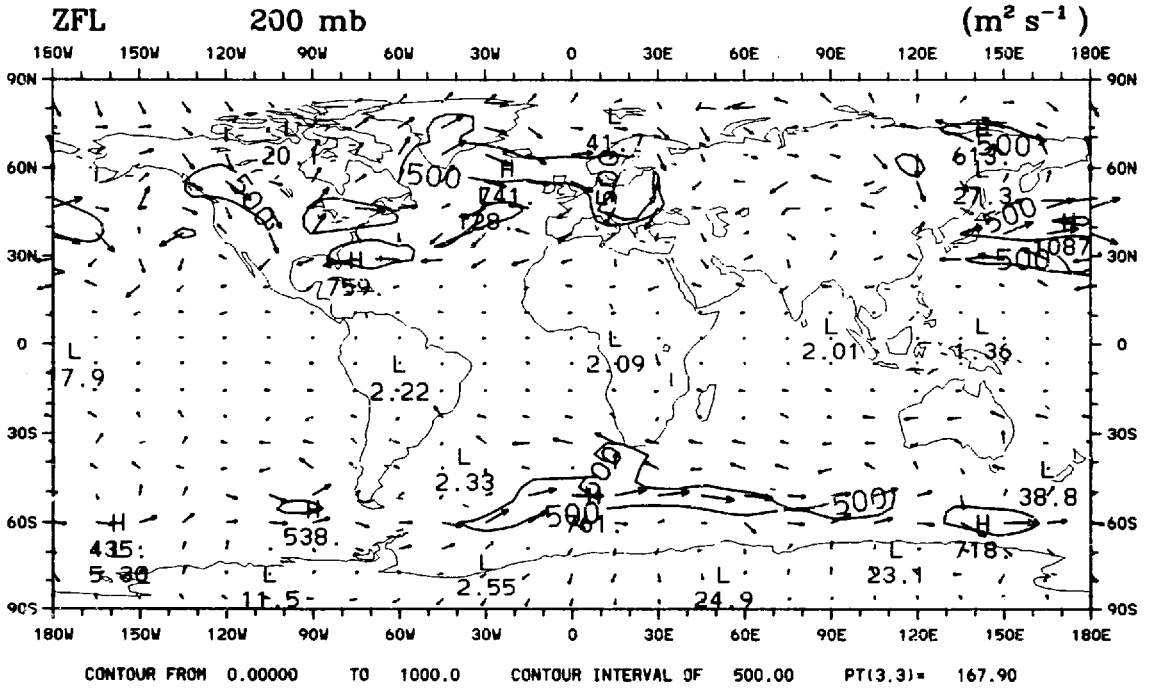
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




FRAME 2.80

0.100E+04 →
SCALING VECTOR

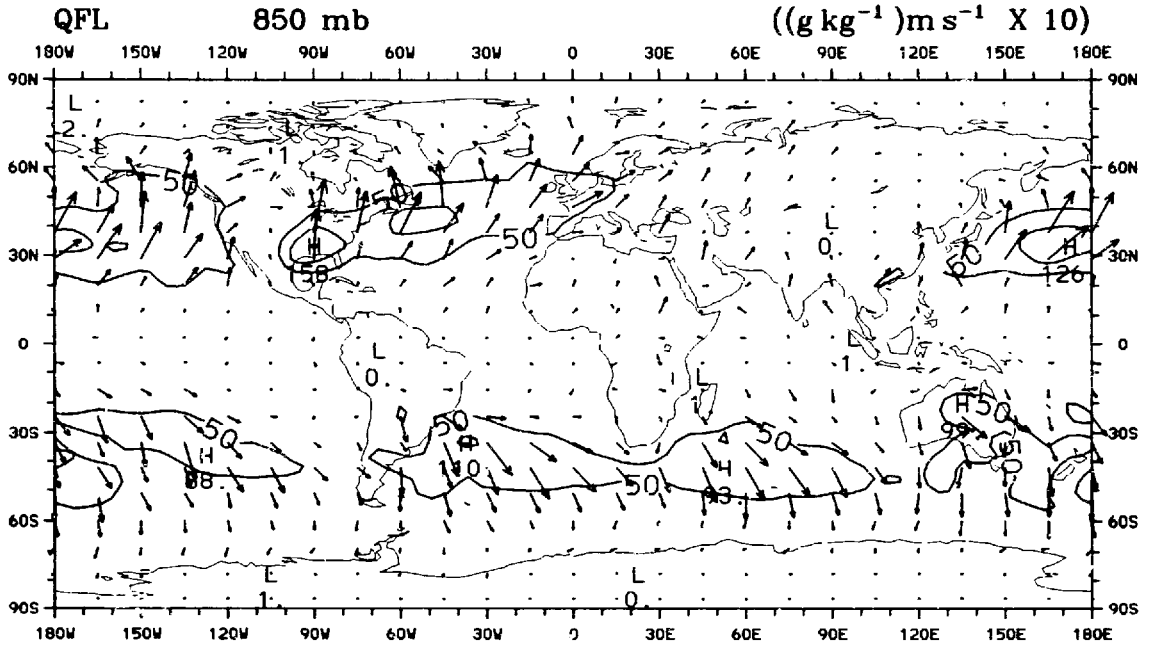
EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)




0.100E+04 →
SCALING VECTOR

FRAME 2.81

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

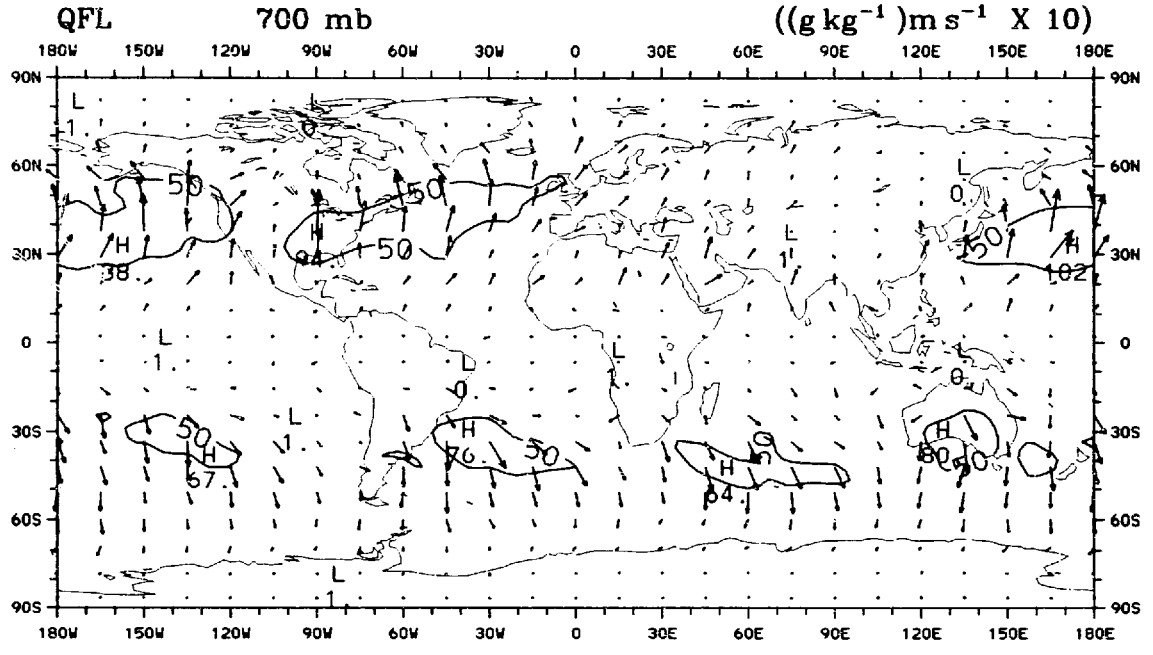



CONTOUR FROM 0.00000 TO 0.15000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(S,3)= 0.11119E-02 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.82

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

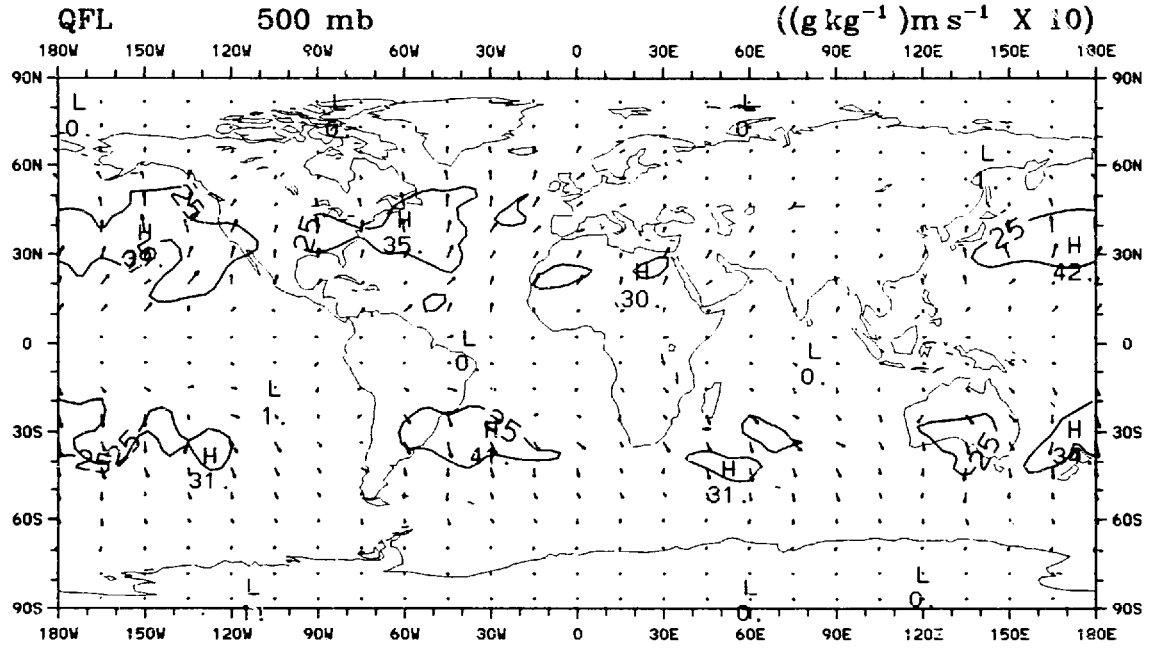



CONTOUR FROM 0.00000 TO 0.10000E-01 CONTOUR INTERVAL OF 0.50000E-02 PT(3,3)= 0.58885E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.83

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)



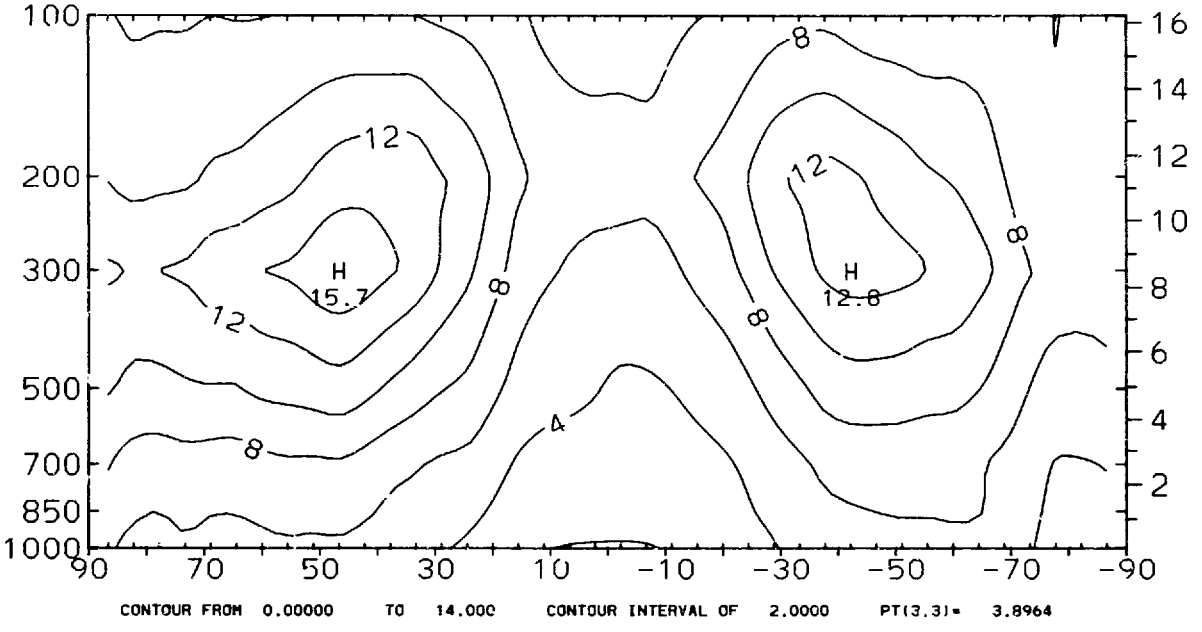

CONTOUR FROM 0.00000 TO 0.25000E-02 CONTOUR INTERVAL OF 0.25000E-02 PT(3,3)= 0.22971E-03 LABELS SCALED BY 10000.

0.100E-01 →
SCALING VECTOR

FRAME 2.84

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

SDU (m s$^{-1}$)

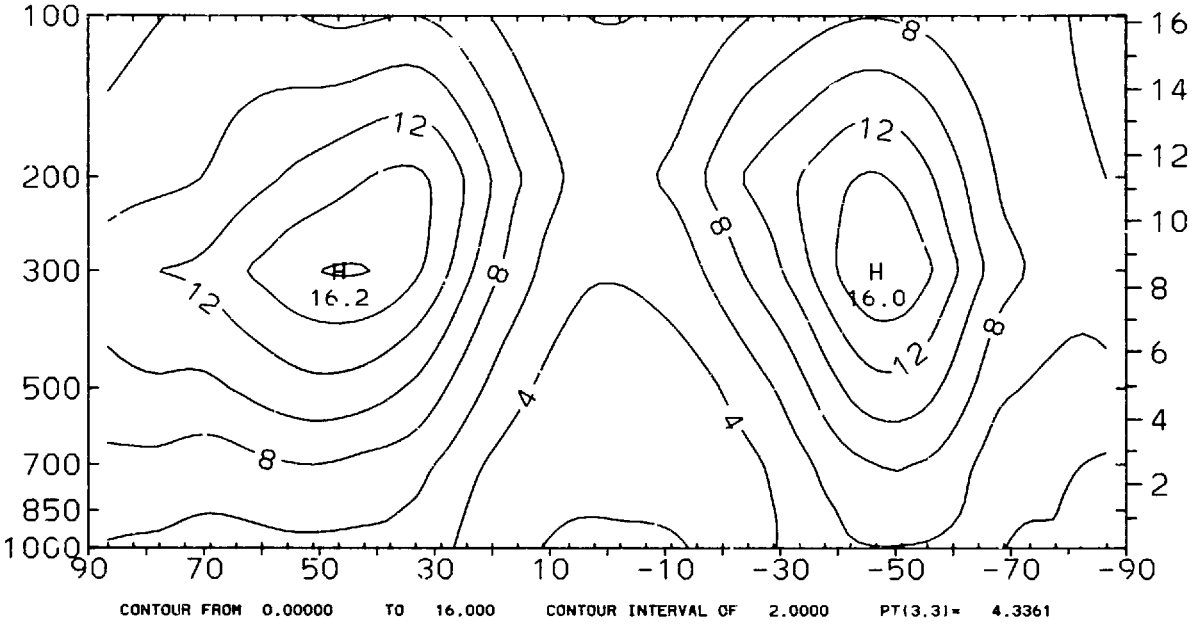



CONTOUR FROM 0.00000 TO 14.000 CONTOUR INTERVAL OF 2.0000 PT(3,3)= 3.8964

FRAME 2.85

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

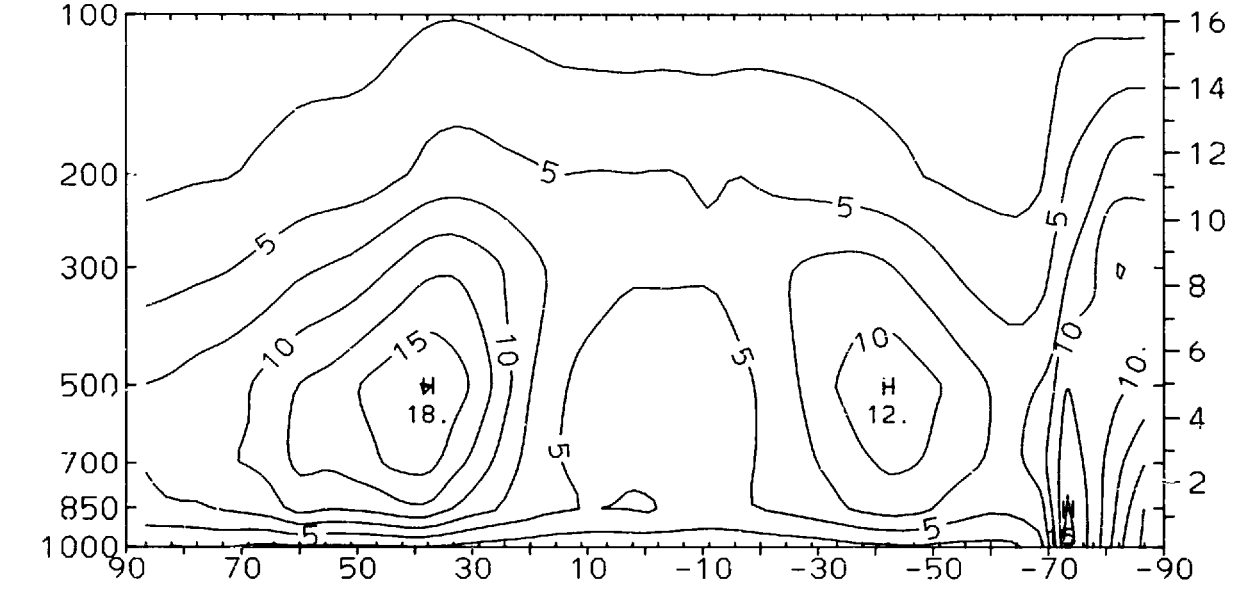
SDV (m s$^{-1}$)




FRAME 2.86

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

SDW (mb $s^{-1}$ X $10^4$)

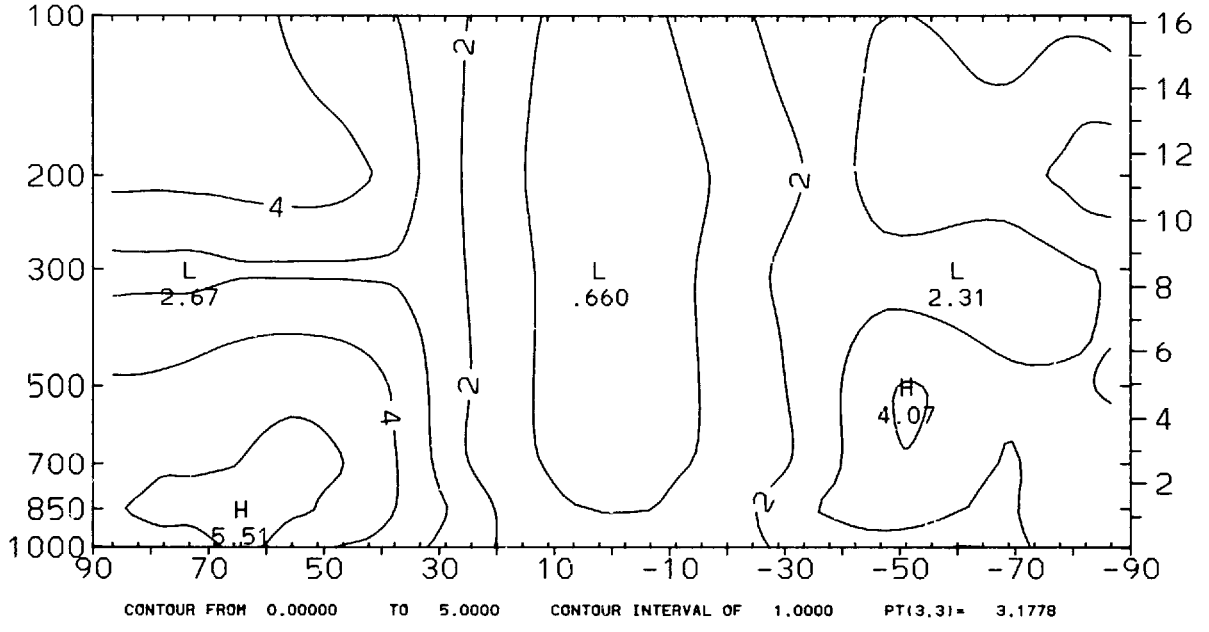



CONTOUR FROM 0.00000 TO 0.17500 CONTOUR INTERVAL OF 0.25000E-01 PT(3,3)= 0.11379 LABELS SCALED BY 100.00

FRAME 2.87

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

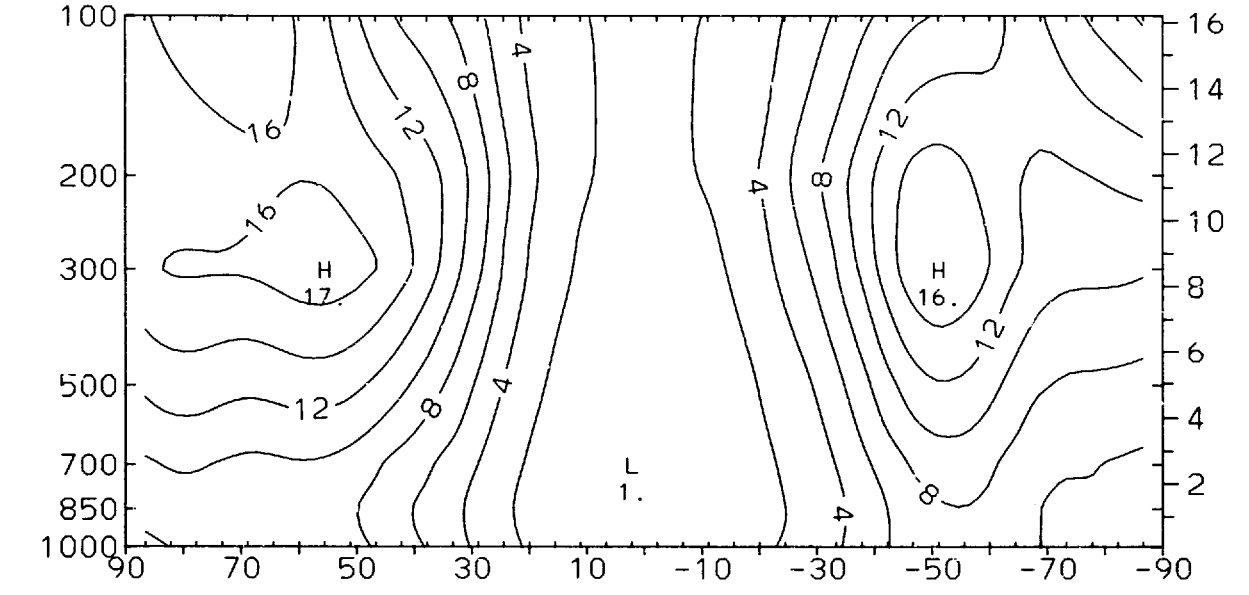
SDT (°K)




FRAME 2.88

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

SDZ (dam)

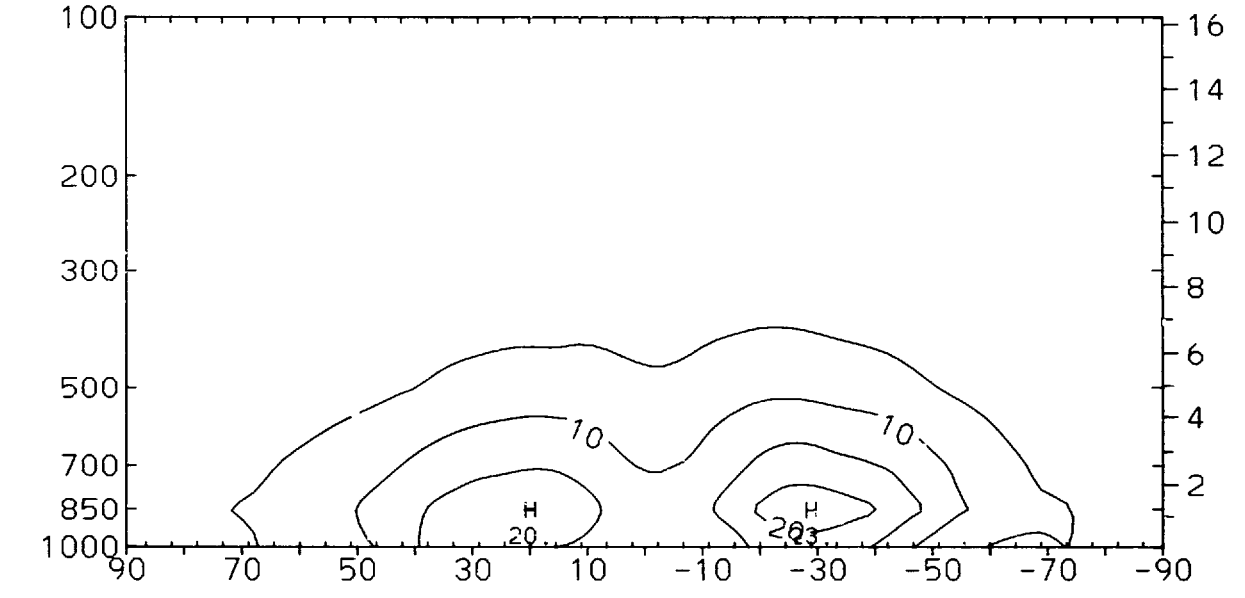



CONTOUR FROM 0.00000 TO 180.00 CONTOUR INTERVAL OF 20.000 PT(3,3)= 60.905 LABELS SCALED BY 0.10000

FRAME 2.89

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

SDQ (g kg$^{-1}$ X 10)

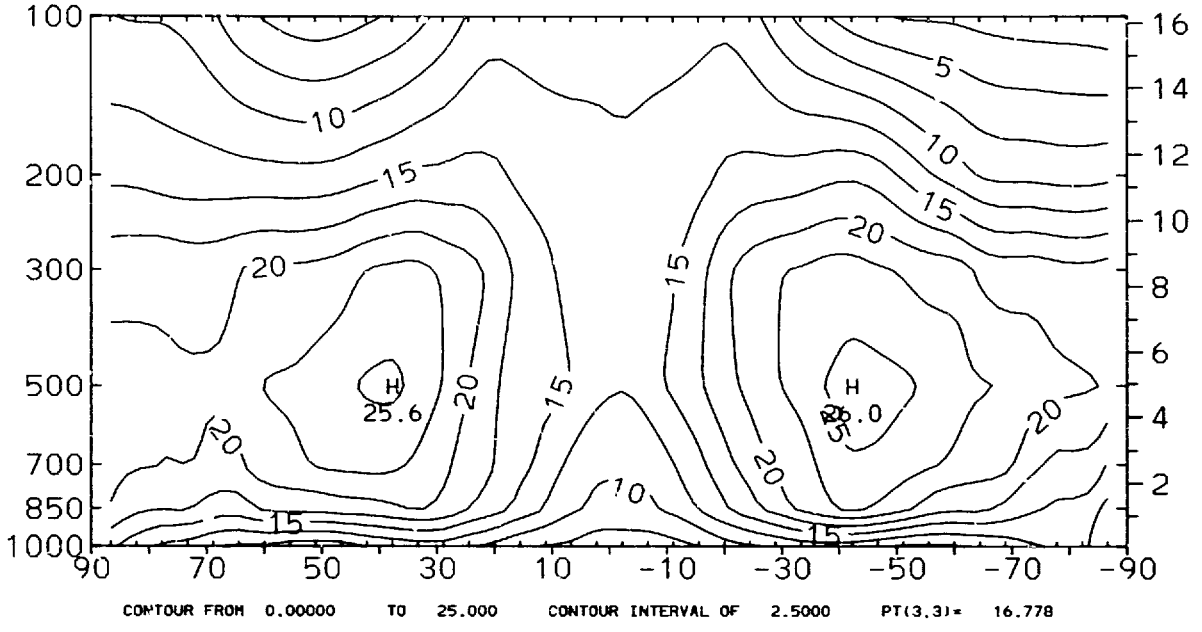



CONTOUR FROM 0.00000 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= 0.38337E-03 LABELS SCALED BY 10000.

FRAME 2.90

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

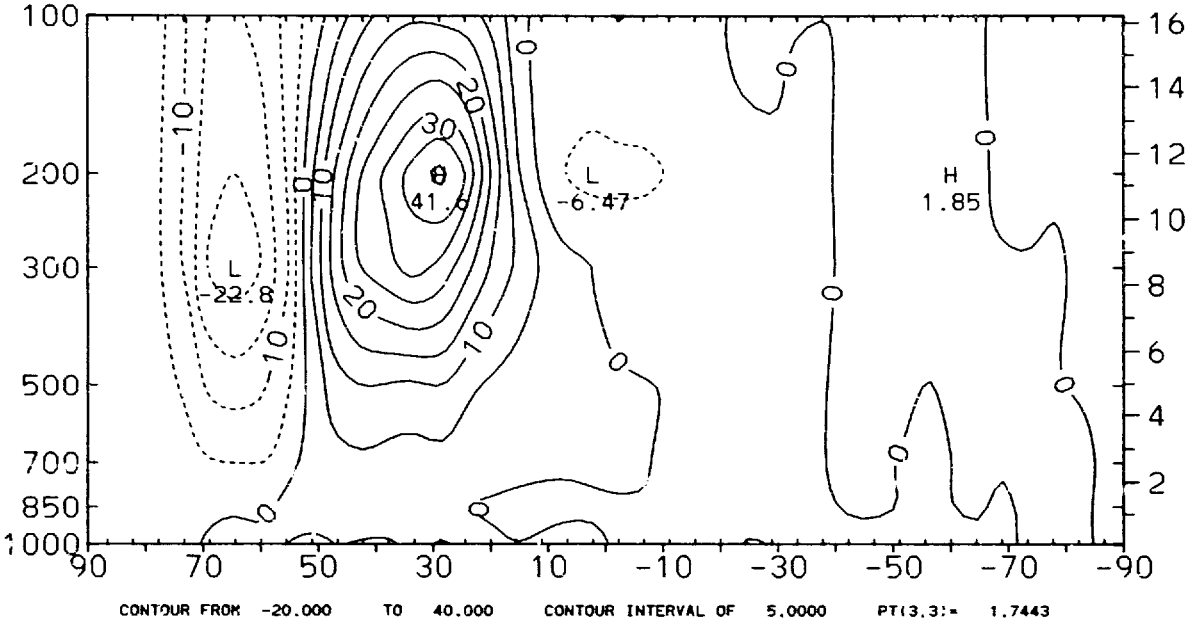
SDRH (%)




FRAME 2.91

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

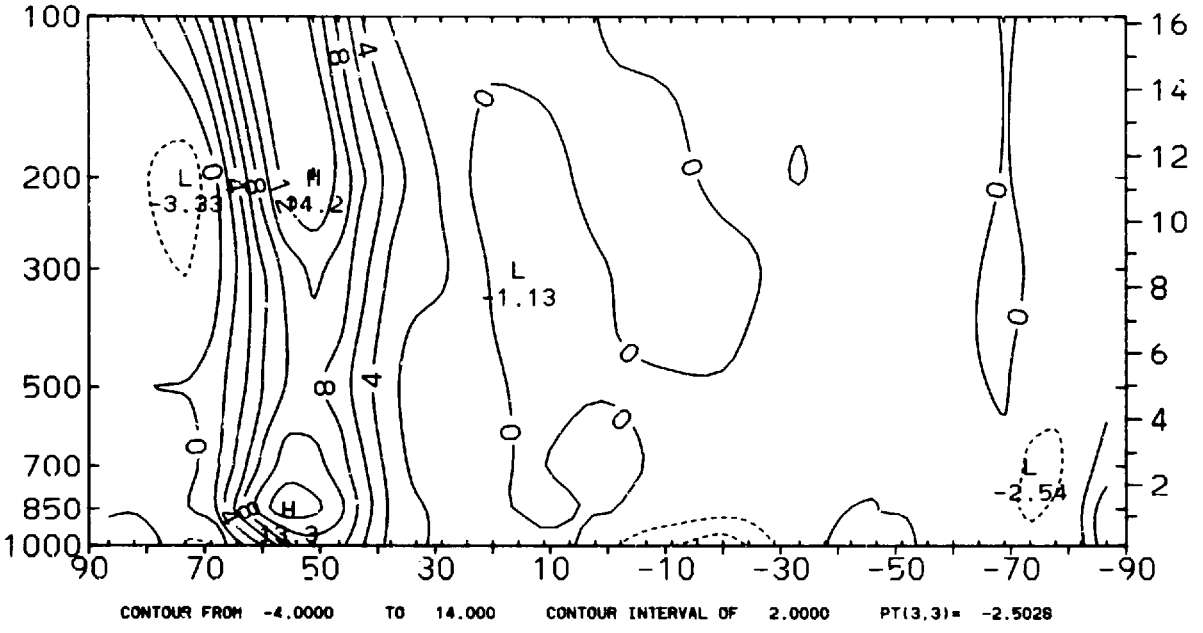
UVS $(m^2 s^{-2})$




FRAME 2.92

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980-1986)

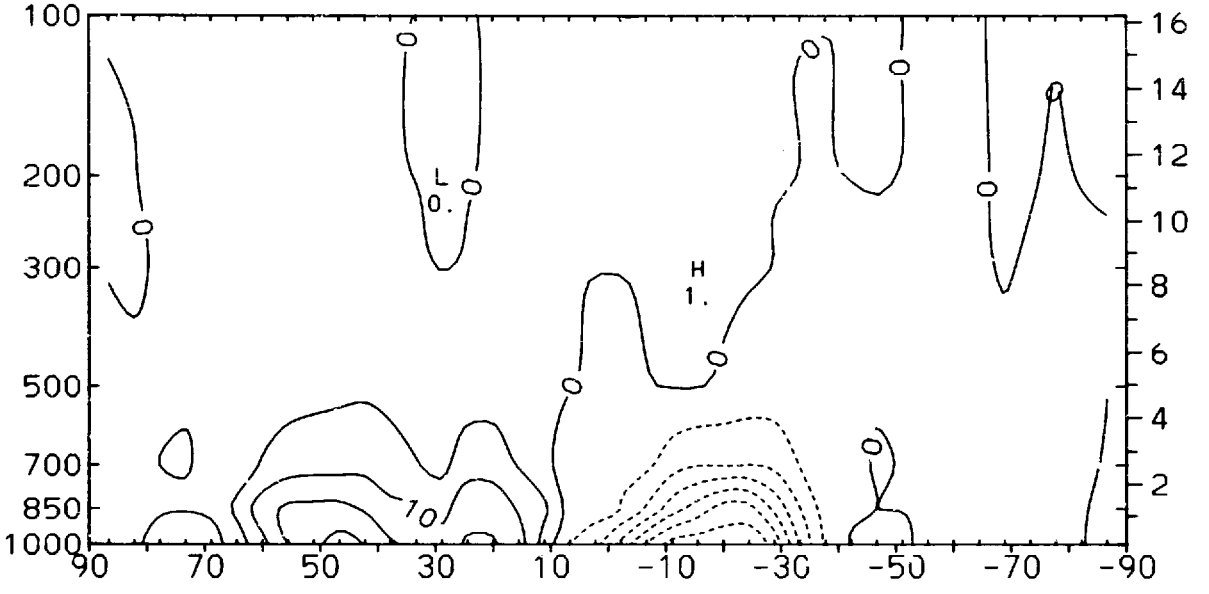
VTS ($^0$ K m s$^{-1}$)




FRAME 2.93

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1980–1986)

VQS ((g kg$^{-1}$)m s$^{-1}$ X 10)

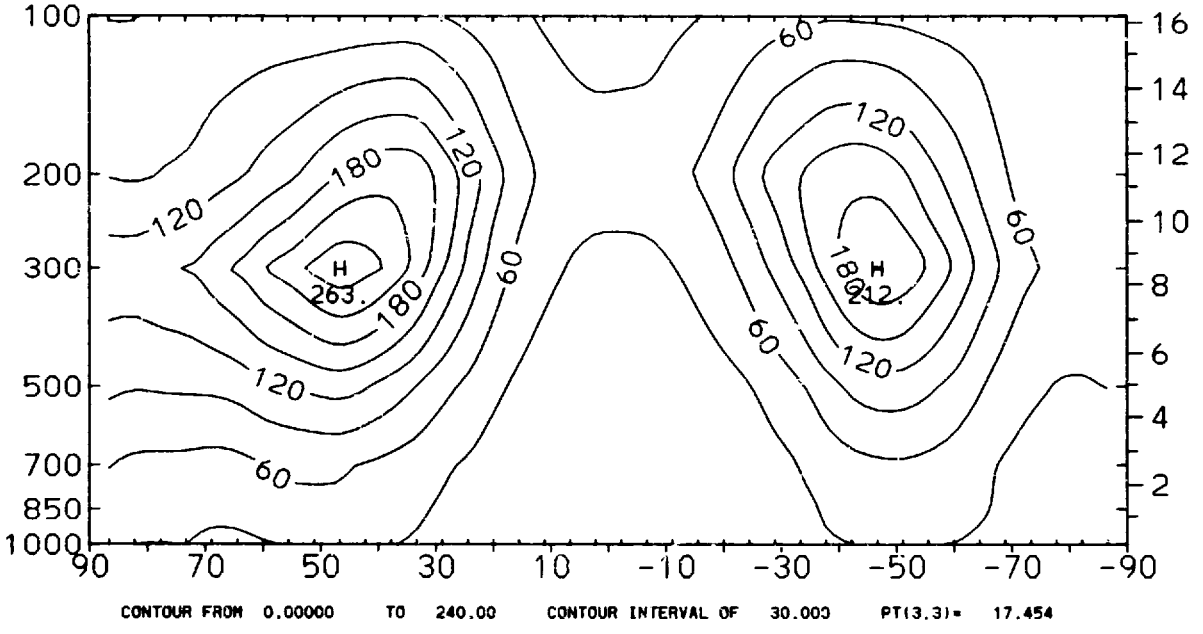



CONTOUR FROM -0.30000E-02 TO 0.20000E-02 CONTOUR INTERVAL OF 0.50000E-03 PT(3,3)= -0.14547E-03 LABELS SCALED BY 10000.

FRAME 2.94

EC R15 DECEMBER (ENSEMBLE AVERAGE 1978 1930-1986)

KEP $(m^2 s^{-2})$




FRAME 2.95