



1991-31

August 2, 1991

***NCAR's Research Aviation Facility Sponsors Workshop
on Management and Analysis of Data Relating to Kuwait Oil Fires***

More than 30 researchers from Canada, the Federal Republic of Germany, the Netherlands, Saudi Arabia and the United States, including representatives from the Atmospheric Environment Service, the Defense Nuclear Agency, the Environmental Protection Agency (EPA), Bahrain's Environmental Protection Committee (EPC), NASA's Jet Propulsion Laboratory, King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia's Meteorological and Environmental Protection Agency (MEPA), NOAA, and the World Meteorological Organization (WMO) met at NCAR on July 22-24.

At the workshop, termed the "Management and Analysis of Data Relating to the Kuwait Oil Fires," participants discussed the requirements for an archive of all data sets gathered during atmospheric studies of the Gulf war fires. The workshop was organized as follows:

Monday, July 22:

Welcome—Richard Anthes, UCAR

Workshop Opening Comments—Dieter Schiesse, WMO representative

Workshop Objectives—Darrel Baumgardner, workshop coordinator, Research Aviation Facility (RAF), NCAR

Review of Available Data Sets

Ground-based

MEPA, Saudi Arabia
KFUPM, Saudi Arabia
EPC, Bahrain
NOAA
EPA
NIST

Airborne

United Kingdom
NCAR
Univ. of Washington
Federal Republic of Germany

Other

Climatological
Satellite
Modeling

Procedures and Formats for Data Exchange

World Weather Watch Structures and Capabilities for Data Management

Data Analysis Issues—Who will use the data archive?

Tuesday, July 23:

Integrating and Analyzing Multiple Data Sets

Introduction to McIDAS—Thomas Yoksas, Unidata, UCAR

Aircraft Data Analysis—Introduction to the Window Display System,
Gary Horton/Darrel Baumgardner, RAF, NCAR

Archiving and Storing Massive Data Sets—Dennis Joseph, Scientific Computing
Division (SCD), NCAR

Electronic Communications and Teleneting—Joseph Choy, SCD, NCAR

Common Data Formats—Russell Rew, Unidata, UCAR

Wednesday, July 24:

Requirements for Data Base Services—Darrel Baumgardner and Dieter Schiesse

Summary and Recommendations—Darrel Baumgardner and Dieter Schiesse

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