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National Center for Atmospheric Research
Boulder, Colorado

FOR IMMEDIATE RELEASE

NCAR Establishes Summer Work-Study Programs

Boulder, Colorado---The National Center for Atmospheric Research (NCAR) in Boulder, Colorado, has established two summer work-study programs, in aviation and computing, for graduate students interested in learning how the airplane and the computer are used as tools in atmospheric research.

The programs will be administered by the Research Aviation Facility and the Computing Facility of the NCAR Facilities Laboratory. Eight graduate students have been accepted for each program. The students were not required to have any background in aviation or computing.

The nine-week aircraft observation and instrumentation program will be under the direction of J. W. Hinkelman, Jr., Manager of the NCAR Research Aviation Facility, in cooperation with F. C. Bates, Associate Professor of Geophysics and Geophysical Engineering at Saint Louis University. The program, which is being coordinated by Gene D. Prantner of the Aviation Facility, is scheduled for June 13 through August 12. It is designed to acquaint the student with the capabilities and limitations of aircraft as tools in atmospheric research. It will utilize the Facility's three Beech Queen Air 80 aircraft, based at the Jefferson County Airport near Boulder, as well as other field and laboratory equipment. The students will receive basic instruction in subjects such as aeronautics, instrumentation, and data processing, will work both in the laboratory and in the field.

The eleven-week scientific computing program is scheduled for June 15 to September 1. It will be directed by Mrs. Jeanne C. Adams under the supervision of Glenn E. Lewis, Manager of the NCAR Computing Facility. The program is aimed at providing students who are preparing for scientific careers with experience in programming a large-scale computer. The

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student will be encouraged to become familiar with computer language and programming in his own way and at his own pace. Once the student has gained a few weeks' experience, he either will do programming for a member of the NCAR scientific staff or will carry out a research project of his own. The students will work with the Computing Facility's Control Data 6600, said to be the world's fastest commercially available computer.

These summer work-study programs are part of NCAR's continuing effort to attract outstanding students into atmospheric research and to familiarize them with the opportunities that exist for challenging and rewarding research careers in the atmospheric sciences. Other NCAR programs in support of education include: the Advanced Study Program, which offers appointments for post-doctoral study; the UCAR Fellowships, established by NCAR's parent organization, the University Corporation for Atmospheric Research; and the Affiliate Professorship program, which makes it possible for NCAR scientists to establish formal ties with universities to teach or otherwise participate in campus academic activities.

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