

MACINTYRE IS NEW COMPUTING FACILITY MANAGER

On 1 April 1980, Walter Macintyre will actively assume full-time duties as the new manager of the Computing Facility. He is currently the director of the University Computing Services at the State University of New York (SUNY) at Buffalo, and has had a long and distinguished career in scientific computing.

Born in Wisconsin, he was educated primarily in the British Isles, where he received undergraduate and Ph.D. degrees in chemistry at the University of Glasgow. He served for 16 years on the faculty of the Department of Chemistry at the University of Colorado, where he created the Computing Center and was its first director. From 1973-76 he was head

of the Computing Laboratory at the National Institute for Medical Research in London.

His research work has been largely in X-ray crystallography and quantum chemistry, with an emphasis on the influence of computers on these subjects. He is a member of the British Computer Society, the Association for Computing Machinery, the American Crystallographic Association, and the American Chemical Society, and a Fellow of the Chemical Society (London).

There will be a transitional period this spring beginning 19 February, when Walter will start phasing out his responsibilities at SUNY and will be managing the Computing Facility on a part-time basis. • VH

PLEASE DON'T ABUSE THE ONE-HOUR PARKING!

Behind the Mesa Laboratory near the loading dock and maintenance area is a one-hour parking area. The 14 spaces there are reserved for visitors, vendors, and off-Mesa NCAR staff members on NCAR business. A number of other people also need the close-in parking. These include temporarily disabled and handicapped staff members, pregnant staff members who wish to park there on icy days, and service technicians for whom extra time is extra expense for NCAR.

"A number of staff members habitually use this parking area, despite notes from the security guards," says Richard Gray (Physical Plant Services manager). "Some of the same cars are there every day from 8:00 a.m. to 5:00 p.m. This has become a chronic problem--and on occasion even the specially marked use of this parking area jeopardizes the people in all of the above categories who really need the limited spaces here for health or business reasons. We strongly urge staff members to refrain from parking here, or if they are doing so because of a health problem, to please tell us."

Staff members may contact Lois Smythe or Dorothy Kokesh (ext. 341) to receive a close-in parking permit for temporary health disabilities, such as sprained ankles, chronic heart problems, and post-operative conditions. • RG

PRICES GOING UP:

CAFETERIA INCREASES DUE AT MESA LAB

Beginning Monday, 11 February 1980, the Mesa Lab Cafeteria will raise its prices to cover increasing costs in food, labor, supplies, and services. There will also be some changes in the menu: no substitutions will be allowed for the specials, and all other food will be served a la carte.

These changes are necessary to keep the cafeteria operating at its current level of service, assuming that its sales volume remains the same. The cafeteria provides a pleasant and convenient eating-place for NCAR staff and visitors, and even with the current price increase its rates will continue to be lower than local market conditions because NCAR subsidizes its operating costs by 15%.

Rose Bridgewater, Phyllis Davish, and the entire cafeteria staff are continually working to improve service. They welcome any suggestions or recommendations from staff members. • VH

This Week in Staff Notes . . .

New Computing Facility Manager
Parking Reminder
Cafeteria Increases
NCARPOOL

Announcements
Visitors
Computing Facility Statistics

Library News
Job Openings
Calendar Notes

NCARPOOL

Recently Francis Bretherton approved the purchase of two vans from corporate funds to support a pilot van pool program. The program is based on the NCAR Van Pool Committee's 11-month effort to create a convenient, energy-saving, and relatively inexpensive transportation system for NCAR employees.

Tentative plans call for a van pool to originate in Longmont, picking up passengers in Lafayette and Louisville and making stops at 30th Street and the Mesa Lab. Another van pool would be available to Boulder staff members willing to coordinate such an effort.

If you are interested in coordinating, driving, or riding in a van pool, please call Rose Bridge-water (ext. 509) or Lee Fortier (ext. 562). Ridership will be on a first-come, first-served basis, and the initial cost per person will be \$50 per month. NCAR employees will have first preference in ridership; however, government employees from the National Oceanic and Atmospheric Administration and the National Bureau of Standards may also be included in order to fill up the vans.

The Hertz Rent-A-Car system has estimated an actual cost of 38¢ per mile to drive a car. Even if an NCAR employee lives in Boulder and drives only 4 mi to work, based on the Hertz estimate that would be approximately \$3 per day round trip, or at least \$60 per month for individual transportation. •

ANNOUNCEMENTS

CORRECTION

The correct extension for Margareta Domecki is 581. Last week's *Staff Notes* listed her alternate extension, which is 666.

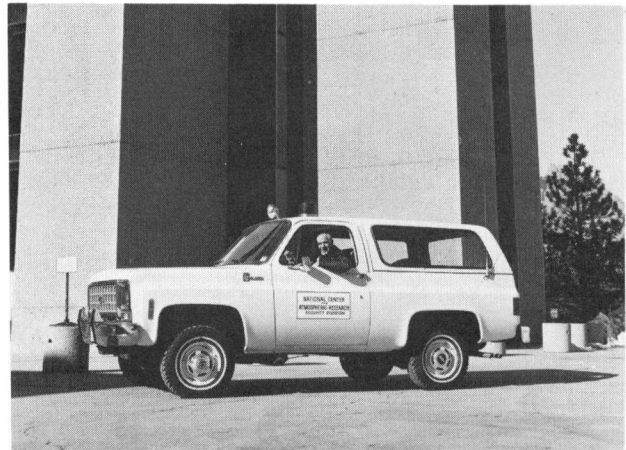
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Writer/Editor: Sally Bates

Writers: Reed Glenn, Vicki Hansen

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Security guard Carl Randall mans the new Chevy Blazer, which recently replaced one of NCAR's ailing patrol vehicles. The four-wheel-drive vehicle is used for many purposes, including helping employees to get to work in inclement weather. (Photo by Ginger Wadleigh.)

FEBRUARY'S ART EXHIBIT

Photographs by Roland LaForge will be February's exhibit in the second-floor gallery of the Mesa Laboratory. LaForge is a native of Connecticut, but now lives in Boulder. After graduating from Colorado College with a B.A. in geology, he traveled for a year in Mexico and Guatemala, where he feels his photographic eye matured. Some of his photographs on display portray the people and landscape of Latin America.

After working for a year at the National Center for Earthquake Research in Menlo Park, California, he earned a master's degree in seismology at the Cooperative Institute for Research in the Environmental Sciences at the University of Colorado in 1977. He continued working there as a researcher until 1979.

"To me good photographs are basically harmonious interactions of form, texture, and color," says LaForge. "I have always felt a sense of awe and wonder over the beauty of our natural environment, and it is my aim to share this feeling with others." •

EAC DISCOUNTS

The Employee Activities Committee (EAC) has the following discounts available:

- Discount tickets for the Boulder Dinner Theatre production of *Carousel*. The performance will be on Thursday, 20 March; doors open at 6:15 p.m., and the

(Continued)

show begins at 8:00 p.m. Ticket prices are \$11.79 for adults and \$10.07 for children under 12.

- Discount tickets for the Colorado Rockies/Philadelphia Flyers game. The game is on Tuesday, 19 February, at 7:35 p.m. Ticket prices are \$7 for adults and \$4.25 for children (both are regularly \$8.50). The deadline for reservations is 15 February.

The EAC also has coupons for a 20% discount on dinner at the Boulder Broker Inn. The coupons are valid Sundays through Thursdays until 28 February.

For tickets, reservations, or further information on the above discounts contact Bill Kohri (ext. 252).

SKI CLUB NEWS

Since spring skiing was so good last year, the NCAR Ski Club is planning a second trip to Aspen on 4-6 April this season. Rooms have been reserved at the Limelite Lodge (located in Aspen Center). Lodging rates will be \$34.24 per person for Friday and Saturday evenings and are based on quadruple occupancy. Diane Eulian (ext. 392) and Robin Dennis (ext. 410) will be taking reservations until Friday, 29 February, on a first-come, first-served basis.

MAGNETIC TAPE CHARGE INCREASE

Charges for tapes sold through the Computing Facility tape library will be increased by \$5 in order to recover the costs of magnetic tape preparation. This is effective immediately. The new charges are \$20 for tapes taken out across the counter and \$25 for tapes mailed by the Computing Facility. Users may still borrow tapes on a six-month return basis without charge.

ZOT! VSN PURGE ANNOUNCED

The next purge of VSNs from the TMS-4 will affect VSNs not read or written since 31 December 1979 and will occur on 4 April 1980.

Each VSN owner is responsible for maintaining all wanted VSNs by accessing them in either a read or write mode within the current three-month period. VSNs on dedicated tapes and PLIB VSNs will not be purged.

WAVE PROPAGATION LABORATORY SEMINAR

On Thursday, 14 February 1980, Belinda Lipa of SRI International (Menlo Park, California) will speak on "Extraction of Long Ocean Wave Directional Spectral Parameters from Narrow-Beam Second-Order HF Sea Echo: Theory and Experiments." The talk is scheduled for 2:00 p.m. in PSRB-3, room 620, and is sponsored by the National Oceanic and Atmospheric Administration's Environmental Research Laboratories. Any interested staff members or visitors are welcome to attend.

PHONE AND ROOM CHANGES

	Ext.	Room
Caroline Bass	295	ML 360
Walter Berg	242	ML 388
Alan Betts	77-533	PSRB-2 222

DEPARTURES

Eleanor Fresquez	24 January
Laura Greenfield	25 January
Joseph Martinez	25 January
Danny Masur	31 January
Audrey Mink	30 January
Kevin Shoemaker	25 January

VISITORS

SHORT-TERM

Wayman Baker, Goddard Space Flight Center, Greenbelt, Maryland. Field of interest: Diagnostic study of energetics of general circulation. 12-20 February. ML room 415, ext. 676.

--Warren Washington, Atmospheric Analysis and Prediction Division

Ivar Isaksen, University of Oslo, Norway. Field of interest: Atmospheric chemistry. 31 January-6 February. ML room 369, ext. 243.

--Paul Crutzen, Atmospheric Quality Division

Richard London, Smithsonian Astrophysics Observatory, Cambridge, Massachusetts. Field of interest: Non-LTE radiative transfer of X-rays in cosmic X-ray sources. 18 February-10 March. Computing carrels, dial "0" for paging service.

--Computing Facility

Josh Knight, Stanford University. Field of interest: Solar weather relationship studies. 30 January-1 February. Computing carrels, dial "0" for paging service.

--Computing Facility

Robert Malone, Los Alamos Scientific Laboratory. Field of interest: Climate modeling. 29 January-13 February. ML room 314B, ext. 347.

--Eric Pitcher, Atmospheric Analysis and Prediction Division

Philip Scherrer, Stanford University. Field of interest: Solar weather relationship studies. 30 January-1 February. Computing carrels, dial "0" for paging service.

--Computing Facility

P. Speth, Institute for Geophysics and Meteorology, West Germany. Field of interest: Meteorology. 13 February. ML room 428B, ext. 459.

--Roland Madden, Atmospheric Analysis and Prediction Division

(Continued)

4/Staff Notes/8 February 1980

LONG-TERM

James Koerner, University of Utah. Field of interest:
Stratospheric dynamics. 3 February-15 March.
ML room 420A, ext. 208.
--Akira Kasahara, Atmospheric Analysis and Prediction
Division

COMPUTING FACILITY OPERATIONAL STATISTICS

DAILY AVERAGES FOR JANUARY 1980
(EXCLUDING DIAGNOSTICS)*

CRAY CPU HOURS:	12.0	TOTAL CRAY JOBS:	393.7	TAPE MOUNTS:	176.2
7600 CPU HOURS:	3.6	TOTAL 7600 JOBS:	1072.5	TLIB REQUESTS:	5928.1
7600 PPU HOURS:	10.6			TBM REQUESTS:	564.0
CRU ($\times 10^3$) :	19.6			TBM BITS ($\times 10^9$) :	36.2

7600 UPTIME (in hours):	21.28
7600 DOWNTIME (in hours):	.73 preventive maintenance
	.77 hardware failure
	1.22 other downtime, various causes
CRAY UPTIME (in hours):	21.37
CRAY DOWNTIME (in hours):	1.06 preventive maintenance
	.22 hardware failure
	1.35 other downtime, various causes

*TOTALS EXCLUDE DIAGNOSTICS (IDLE TIME) BEGINNING JANUARY 1980.

LIBRARY NEWS

8 February 1980

SAMPLE JOURNALS FOR REVIEW

The following journals are available in the library for your review and evaluation.
We would appreciate your comments as to whether the library should subscribe to them:

IEEE TRANSACTIONS ON SOFTWARE ENGINEERING. Jul 1978. Bimonthly.
JOURNAL OF APPLIED PROBABILITY. Dec 1978. Quarterly.
COMPUTERS IN INDUSTRY. Jul 1979. Quarterly.
APPLIED SPECTROSCOPY. May/Jun 1979. Bimonthly.
JOURNAL OF CHEMICAL EDUCATION. Jul 1979. Monthly.

Following is a list of items received by the library this past week:

NEW BOOKS

Reference books do not circulate.

GC58 N34 1979. THE CONTINUING QUEST LARGE SCALE OCEAN SCIENCE FOR THE FUTURE. National Research Council.
Post IDOE Planning Steering Committee.
QA377 P33 1975. IMPROPERLY POSED PROBLEMS IN PARTIAL DIFFERENTIAL EQUATIONS. Payne L. E.
QA252.3 C66 1972. CONFERENCE ON LIE ALGEBRAS: APPLICATIONS AND COMPUTATIONAL METHODS, DREXEL UNIVERSITY
1972. Kolman B. ed.
QA374 T44 1977. NAVIER-STOKES EQUATIONS: THEORY AND NUMERICAL ANALYSIS. Temam R.
TP9 E685 1978 REFERENCE. ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY 3D ED. Kirk R. E. ed.
QA76.73 F25B73 1978. FORTRAN 77 PROGRAMMING. Brainerd W. S.
Q158.5 C48 1977 REFERENCE. SCIENTIFIC AND TECHNICAL INFORMATION SOURCES. Chen C.
QD75 K64 1978. TREATISE ON ANALYTICAL CHEMISTRY 2ND ED. Kolthoff I.M.
QA162 D67 1978. APPLIED MODERN ALGEBRA. Dornhoff L.
QA274.7 F73 1972. APPROXIMATING COUNTABLE MARKOV CHAINS. Freedman D.
QA402 L84 1979. INTRODUCTION TO DYNAMIC SYSTEMS: THEORY, MODELS, AND APPLICATIONS. Luenberger D. G.
QA372 R815 1974. INTRODUCTION TO ORDINARY DIFFERENTIAL EQUATIONS 2D ED. Ross S. L.
QA273.5 M37 1975. RANDOM SETS AND INTEGRAL GEOMETRY. Matheron G.
QA272 M84 1976. MULTICRITERIA DECISION MAKING AND DIFFERENTIAL GAMES. Leitmann G. ed.

NEW TECHNICAL REPORTS

ASTRONOMY AND ASTROPHYSICS

1-8995. PIONEER SATURN ENCOUNTER. U. S. National Aeronautics and Space Admin. Sep 1979.
1-9012. SPACE SCIENCES LABORATORY UNIVERSITY OF CALIFORNIA ANNUAL REPORT TO THE DEAN OF THE GRADUATE DIVISION
FOR THE YEAR 1978-1979. California University of at Berkeley Space Sciences Laboratory. 1979.

ENGINEERING AND TECHNOLOGY

1-9009. WIND GENERATOR SITING SURVEY KANEOHE MARINE CORPS AIR STATION OAHU. Daniels P.A. Hawaii University
of Department of Meteorology. May 1979.
1-9019. MICROPROGRAMMING: PRINCIPLES AND DEVELOPMENTS. Akonteh A.N. Brazil Pontificia Universidade
Catolica do Rio de Janeiro. Mar 1979.

MATHEMATICS

1-8999. NUMERICAL AND DATA ANALYSIS TECHNIQUES APPLIED TO SCIENTIFIC RESEARCH III. Grossbard N.J., et.al.
Boston College Trustees of. May 1979.

MISCELLANEOUS

1-9001. MANGROVE ECOSYSTEM HUMAN USES AND MANAGEMENT IMPLICATIONS REPORT OF A UNESCO REGIONAL SEMINAR
HELD IN DACCA BANGLADESH DECEMBER 1978. United Nations Educational Scientific and Cultural Organization.
1979

METEOROLOGY

1-8997. MODELS FOR VISIBILITY. Somerville P.N., et.al. Florida University of Central. Jun 1979.
1-8998. SOUNDING ROCKET AND BALLOON SYSTEMS SUPPORT. Bumgarner R.A., et.al. New Mexico State University
Physical Science Laboratory. Jul 1979.
1-9000. INVESTIGATION OF MAGNETIC FIELD PHENOMENA IN THE IONOSPHERE. Devane J.F., et.al. Boston College
Weston Observatory of. Jan 1979.
1-9002. RELATIONSHIP BETWEEN SURFACE AND GEOSTROPHIC WINDS AT BADEN SOELLINGEN WEST GERMANY. Purves M.A.
Canada - Atmospheric Environment Service. May 1979.
1-9003. OZONE MEASUREMENT SYSTEM FOR NASA GLOBAL AIR SAMPLING PROGRAM. Tiefermann M.W. U.S. National
Aeronautics and Space Admin. 1979.
1-9004. PARAMETER ESTIMATION APPLIED TO NIMBUS 6 WIDE ANGLE LONGWAVE RADIATION MEASUREMENTS. Green R.N., et.al.
U.S. National Aeronautics and Space Admin. 1978.
1-9005. CONDENSATION NUCLEI (AITKEN PARTICLE) MEASUREMENT SYSTEM USED IN THE NASA GLOBAL ATMOSPHERIC
SAMPLING PROGRAM. Nyland T.W. U.S. National Aeronautics and Space Admin. 1979.

NEW MICROFICHE

MISCELLANEOUS

- PB297511. ATS6 RADIO BEACON POINTING DATA OCTOBER 1975 - JANUARY 1976. Donnelly R.F., et.al. National Oceanic and Atmospheric Admin Boulder Co. Mar 1979.
- NASATP1389. SUMMARY OF ATMOSPHERIC WIND DESIGN CRITERIA FOR WIND ENERGY CONVERSION SYSTEM DEVELOPMENT. Frost W., et.al. Tennessee Univ Tullahoma. Jan 1979.
- PB298744. EFFECTS OF FREESTREAM TURBULENCE ON THE GALLOPING BEHAVIOUR OF A SQUARE TOWER. Kwok K.C.S., et.al. Sydney Univ Australia Civil Engineering Labs. Dec 1978.
- BNL26010. USE OF SYSTEM 2000 IN A SCIENTIFIC RESEARCH ENVIRONMENT. Benkovitz C.M. Brookhaven National Lab Upton N.Y. Apr 1979.
- ADA070172. INELASTIC ELECTRON COLLISION IN HYDROCARBONS AND DYES. Yale Univ New Haven Conn Dept of Engineering. Dec 1978.
- CONF7808100SUM. FOREST METEOROLOGY RESEARCH NEEDS FOR AN ENERGY AND RESOURCE LIMITED FUTURE PROCEEDINGS OF A WORKSHOP AUGUST 28-30 1978 OTTAWA CANADA. Hutchison B.A., et.al. Department of Energy Washington D.C. Feb 1979.
- INKACONF7801200. SEMINAR AND STATUS REPORT ON WIND ENERGY. Buschulte W. Bundesministerium fuer Forschung und Technologie Bonn-Bad Godesberg Germany F. R. 1978.
- ADA07275. VOICE RESPONSE SYSTEM /VRS/ SURVEY. Shochet E., et.al. National Aviation Facilities Experimental Center. Jul 1979.
- ADA072993. SELECTED BIBLIOGRAPHY ON NATURAL DISASTERS. Cavallari E. Air Force Geophysics Lab Hanscom AFB Ma. Mar 1979.
- UCRL82576. TRENDS IN OTHER SPECIES. Penner J.E. California Univ Livermore Lawrence Livermore Lab. Mar 1979.
- ADA071793. TERRAIN FEATURE CANOPY MODELING. Kimes D.S., et.al. Colorado State Univ Fort Collins. Apr 1979.

ATMOSPHERIC SCIENCE

- ADA072721. ANALYSIS OF OZONE AND WATER VAPOR FIELD MEASUREMENT DATA. Penndorf R. Pendorf (R) Wellesley Hills Ma. Nov 1978.
- ADA072722. LOW LATITUDE ATMOSPHERIC X-RAYS OBSERVED BY HEAO 1. Luhmann J.G., et.al. Aerospace Corp El Segundo Ca Space Sciences Lab. Jul 1979.
- ADA072746. MAJOR MIDWEST SNOWSTORMS. Weber E.M. Weather Wing (3rd) Offutt AFB Nebr. Aug 1979.
- ADA072831. STUDIES OF ATMOSPHERIC INFRARED EMISSIONS. Baker D.J. Utah State Univ Logan Electro-Dynamics Lab. Jan 1978.
- ADA072851. ATMOSPHERE EXPLORER MESA ACCELEROMETER DENSITY DATA BASE. Fioretti R.W., et.al. RDP Inc Waltham Mass. Jun 1978.
- ADA072994. REPORT ON PERU SCINTILLATION TESTS MARCH 1978. Whitney H.E. Air Force Geophysics Lab Hanscom AFB Ma. Jan 1979.
- ADA073089. ANALYSIS OF TROPOSPHERIC EFFECTS AT LOW ELEVATION ANGLES. Crane R.K. Environmental Research and Technology Inc Concord Ma. Nov 1978.
- ADA073113. COORDINATED DATA ANALYSIS OF ONR 118 DATA. Johnson R.G., et.al. Lockheed Missiles and Space Co Inc Palo Alto Calif. Aug 1978.
- CONF7812139. STOCHASTIC METHOD FOR PREDICTING THE DISPERSION OF THERMAL EFFLUENTS IN THE ENVIRONMENT. Witten A.J., et.al. Oak Ridge National Lab Tn. 1978.
- N7928829. INFLUENCE OF IONIZATION EVENTS ON ATMOSPHERIC OZONE. Aikin A.C. N.A.S.A. Jun 1979.
- N7928847. SURFACE TO 90 KM WINDS FOR KENNEDY SPACE CENTER FLORIDA AND VANDENBERG AFB CALIFORNIA. Johnson D.L., et.al. N.A.S.A. Jul 1979.
- N7928849. NOTE ON THE STATIONARY TROUGH GENERATED BY THE ANDES. Satyamurty P. Instituto de Pesquisas Espaciais Sao Jose. Mar 1979.
- N7928850. KINETIC ENERGY BUDGETS IN AREAS OF CONVECTION FINAL REPORT 20 MAR 1978 - 19 APR 1979. Fuelberg H.E. Saint Louis Univ Mo. Aug 1979.
- N7928859. TESTS OF WIND OBSERVATION WITH PARACHUTES. Nordstroem S., et.al. Res Inst of Natl Defence Stockholm. May 1978.
- PB298529. PROJECT SKYWATER SKYWATER CONFERENCE 10 JUNE 1978 THE SIERRA COOPERATIVE PILOT PROJECT DESIGN. North American Weather Consultants Goleta Ca. Jun 1979.
- PB298963. MESOSCALE CHARACTERISTICS OF THE TEXAS HIPLEX AREA DURING SUMMER 1977. Scoggins J.R., et.al. Texas A and M Univ College Station Dept of Meteorology. May 1979.
- PB298997. APPLICATION OF A TWO DIMENSIONAL MODEL TO CLOUD SEEDING EXPERIMENTS. Orville H.D., et.al. South Dakota School of Mines and Technology Rapid City. Apr 1979.
- PB299405. ESTIMATING PLUME DISPERSION A RECOMMENDED GENERALIZED SCHEME. Irwin J.S. Environmental Sciences Research Lab Research Triangle Park N C. 1979.
- PB300299. STORM RESEARCH. Arnold R.T. Mississippi Univ Dept of Physics. Jun 1979.
- PB300406. TIME LAPSE SKY PHOTOGRAPHY USING LOW COST CAMERA SYSTEMS. Lerfald G., et.al. National Oceanic and Atmospheric Admin Boulder Co. Apr 1979.
- PB300720. METEOROLOGICAL EFFECTS OF OIL REFINERY OPERATIONS IN LOS ANGELES. Pueschel R.F., et.al. National Oceanic and Atmospheric Admin Boulder Co. Jul 1979.
- PB300754. ERROR CHARACTERISTICS OF SATELLITE DERIVED WINDS. Hubert L.F., et.al. National Environmental Satellite Service Washington D. C. Jun 1979.
- PB300790. APPLICATION OF THE ZERO RELATIVE VORTICITY LINE IN SYNOPTIC FORECASTING. Rosendal H.E. National Weather Service Honolulu Hi Pacific Region. Aug 1979.
- PB300870. PRECIPITABLE WATER OVER THE UNITED STATES VOLUME II SEMIMONTHLY MAXIMA. Ho F.P., et.al. National Weather Service Silver Spring Md Office of Hydrology. Jul 1979.

JOB OPENINGS

February 6, 1980

NCAR is an equal opportunity/affirmative action employer.

Salary ranges are shown as minimum to midpoint. The anticipated hire-in range for NEW EMPLOYEES salary offers are normally within the minimum to the midpoint range shown; CURRENT EMPLOYEES receiving reassignment may be made salary offers from minimum to maximum depending on a variety of factors, including current salary and present range assignment. 1980 ranges are now being listed unless otherwise noted.

Applications Programmer II - #2390

AQD

Exempt range 61

Anticipated hire-in salary: \$18,660 - 23,340/year

DUTIES: Will provide general programming support to the division scientists with major responsibilities in field data analysis and data base management.

REQUIRES:

- M.S. in computing science, math, engineering or physical science and two years in scientific programming in FORTRAN with progressively increasing responsibility, OR equivalent
- Demonstrated skill in general data processing techniques, file management, Fourier filtering

ALSO DESIRED, BUT NOT REQUIRED:

- Experience in numerical modeling and/or assembly language programming of minicomputers

Marsha Hanson, X517

Computer Operator Trainee - #2445

ATD - Computing Facility

Non-exempt range 25

Anticipated hire-in salary: \$869 - 1,002/mo

DUTIES: Will receive on-the-job training in the operation and maintenance of all computer and computer subsystems consoles, all peripheral equipment and related devices, and unit record equipment. Trainee will work with close supervision, and after becoming familiar with procedures, will be expected to work with relative independence.

REQUIRES:

- Substantial interest in and commitment to skills in computer systems operations/data processing
 - Ability to learn the practices, principles and techniques of computer systems operation and of data processing
 - Ability to learn basic job control language
 - Ability to understand and follow written and oral instructions of a technical nature
 - Ability to establish and maintain effective working relationships with others
 - Physical strength to lift up to 35 lb. boxes
 - Skill in communications, both face-to-face and by telephone
- (continued)

- Six months experience at the computer aid level, or on data entry or minicomputer system, or equivalent

- Ability/willingness to work day and evening shifts, and overtime on holidays and weekends

Margareta Domecki, X581

Electronics Engineer II - #2432

CSD - Microphysics

Exempt range 57

Anticipated hire-in salary: \$19,992 - 25,020/yr

DUTIES: Will design digital and analog circuits and systems, the majority of which will involve applications of minicomputers to projects. Will interact with scientists and technicians, participate in field programs (about 2 months/year), operate systems and direct a small technical staff.

REQUIRES:

- B.S. or equivalent in electrical engineering
- About two years applicable industrial engineering experience, at least 1 year of which must be actual "hands-on" minicomputer hardware and software
- Good working knowledge of basic electronic components and test equipment
- Strong logic design background/skills
- Skill in formulation and delegating appropriate work projects to small technical staff
- Some actual experience in assembly language programming
- Basic understanding of small computer operating systems
- Ability to obtain a GSA drivers license (fewer than 3 moving violations in last three years)
- Ability/willingness to participate in field programs away from Boulder about two months per year
- Ability to lift and move equipment weighing about 50 pounds

Marsha Hanson, X517

Electronics Engineer IV - #2369

ATD - National Scientific Balloon Facility
(located in Palestine, Texas)

Exempt range 59

Anticipated hire-in salary: \$29,508 - 37,632/yr

DUTIES: This position will provide technical electronic leadership for the NSBF. Will perform hands on design efforts for electronics devices and systems used in high altitude scientific ballooning. Will be responsible for managing and directing electronics research and development. Will coordinate, schedule and monitor work of engineers in several concurrent programs.

REQUIRES:

- Thorough knowledge and skill in applying the principles of solid state devices, RF systems, and systems integration
- Strong theoretical and practical knowledge of telecommand and data retrieval through use of communications satellites
- Skill in the management of electronics oriented projects
- Skill in the management of multidisciplinary teams
- Willingness to travel occasionally
- Willingness to relocate to Palestine, Texas

ALSO DESIRED, BUT NOT REQUIRED:

- MSEE
- Practical experience in electronic systems used in high altitude scientific ballooning

Marsha Hanson, X517

Employment Assistant - #2430

ADM - Personnel Office

Non-exempt range 26

Anticipated hire-in salary: \$956 - 1,102/mo

DUTIES: To perform a variety of clerical, secretarial and other employment-related duties for the Employment Unit staff. Conducts initial screening interviews with applicants, handles heavy volume of phone calls, controls telephone and in-person traffic flow for Employment Unit, determines if applicants qualify for current/future openings, processes heavy volume of applications and requests for staff, following numerous, complex procedures.

REQUIRES:

- Skill in effective communication, particularly in sensitive and difficult situations
- Skill in maintaining effective working relationships with others
- Solid secretarial experience (personnel experience preferred), providing a knowledge of standard office procedures and methods
- Skill in using good judgment and making decisions within specific guidelines
- Skill in tedious detail work and setting priorities
- Skill in accomplishing a heavy volume of work, under time deadlines and with many interruptions
- Ability to use initiative and work on own
- Substantial interest in personnel work
- Typing skills at about 60 WPM

Margareta Domecki, X581

Engineer I - II - #2354

ADM

Exempt range 56 or 57

Anticipated hire-in salary:

56: \$16,368 - 20,472/yr

57: \$19,992 - 25,020/yr

DUTIES: Will perform load calculations, design, sizing, conceptual and working drawings, selection of equipment, specifications, and inspection/installation of new and remodelled mechanical and electrical systems for buildings and other facilities as well as conceptual, unit and detailed estimates for these systems.

REQUIRES:

- B.S. in engineering (mechanical or electrical) or architecture
- Substantial skills in performing load calculations, doing design, sizing, conceptual and working drawings, selecting equipment, writing/figuring specifications of and estimates for mechanical and electrical systems for buildings
- Skill in producing an organized and legible finished project

ALSO DESIRED, BUT NOT REQUIRED:

- Professional Engineer License
- Familiarity with environment/service requirements for data processing equipment and research labs
- Some exposure to/general knowledge of new and retrofit solar active/passive/hybrid energy systems
- Some demonstrated interest in energy conservation

Some samples of previous work may be requested of final candidates.

Marsha Hanson, X517

Mail Room Clerk - #2428

ADM - Office Services Department

Non-exempt range 24

Anticipated hire-in salary: \$790 - 911/mo

DUTIES: Will receive, distribute and dispatch all classes of incoming and outgoing mail between Mesa Laboratories, NCAR satellites and Post Office facilities; will receive and distribute interoffice mail, Staff Notes, staff memos, phone books and other internal communications.

Will assist in special mailing and will assist with mail room paper work and documentation. Will operate all mail room equipment, i.e. postage meter, scales, tying machine and mailing machine. Occasionally, will provide transportation both in Boulder and to Denver airport for meeting attendees.

REQUIRES:

- Familiarity with U.S. Postal service rules, regulations and domestic and international rates
- Familiarity with classes of mail (first class, bulk permits, library rates, United Parcel Service, Express mail, etc.)
- Skill in learning and remembering procedures
- Physical stamina to stand or walk for extended periods of time, including outdoors in adverse weather conditions

- Skill in understanding and following verbal and written instructions
- Physical ability to lift up to 70-pound mail bags daily
- Possession of a current valid driver's license and ability to qualify for a GSA driver's license (to qualify, one cannot have more than 2 moving violations in the last three years)

DESIRED, BUT NOT REQUIRED:

- One year experience in mail handling
- Margareta Domecki, X581

Ph.D. Scientist - #2442

HAO - Solar Atmospheric and Magnetic Fields Section
Exempt range 82 or 83

Anticipated hire-in salary:

82: 1st 3-year term or Staff I:
\$21,588 - 27,516/year

83: 2nd 3-year term or Staff II:
\$26,064 - 33,240/year

DUTIES: To carry out, in cooperation with other scientists at HAO, theoretical and interpretive research in solar physics with primary emphasis on macroscopic descriptions of the magnetized plasma in the solar atmosphere. Attention will be directed particularly towards development of theories and physical models of hydrodynamic and hydromagnetic phenomena of the photosphere, chromosphere and corona, including time-dependent phenomena of solar activity.

REQUIRES:

- An ability to work effectively with other solar scientists in collaborative projects
- Ph.D. or equivalent
- At least one year post-Ph.D. experience in carrying out independent research at a high level of creativity as demonstrated by published papers in the areas of MHD and fluid mechanics applied to astrophysical problems
- Willingness to use a variety of techniques, both analytical and computer modelling, as needed in solving specific problems

ALSO DESIRED, BUT NOT REQUIRED:

- 2 or 3 years post-Ph.D. experience
- Demonstrated broad experience in theoretical solar physics, particularly in MHD phenomena of the solar atmosphere

This position is available on about 1 October 1980.
Marsha Hanson, X517

Support Scientist II - #2440

HAO - Solar Variability Section
Exempt range 81

Anticipated hire-in salary: \$17,820 - 22,296/yr

DUTIES: Provide research assistance to staff scientists at the High Altitude Observatory in the analysis of solar observations and problems of solar variability. Typical duties will cover: the ordering and analysis of two-dimensional solar velocity maps from magnetic data tapes, including the design, maintenance and execution of computer programs for these functions; the sorting and handling of tabular, historical data on solar phenomena and the design and execution of optimum data display formats for these data; the modification and adaption of data handling programs from other observatories; the design and execution of FORTRAN programs to test the statistical significance of observational or historical data.

REQUIRES:

- B.S. or equivalent in the physical sciences or related field and one or more years experience in above areas
- High proficiency in FORTRAN programming including the handling of large data sets
- Familiarity with modern numerical and statistical analysis

ALSO DESIRED, BUT NOT REQUIRED:

- Familiarity with astronomical or related instrumentation, preferably operating under computer control
- Ability to translate from German, French, and/or Latin at a rudimentary level
- Interest in recovering historical data from library sources

Marsha Hanson, X517

Systems Programmer II - #2350

ATD - Computing Facility
Exempt range 61

Anticipated hire-in salary: \$18,660 - 23,340/yr

DUTIES: Perform software maintenance of NCAR's Modcomp II, RJE (remote job entry) system. A development effort will include improved host job status display capabilities and the final implementation of a network driver connecting the remote job entry system to the local network as well as connecting the proposed RJE replacement system to the network.

REQUIRES:

- M.S. or equivalent in computer science, EE or mathematics
- 2 - 4 years of systems programming with demonstrated skill in maintenance of operating system software and writing/modifying peripheral equipment drivers
- Skill in assembly language programming and FORTRAN; with minicomputer, RJE protocols, terminals and modems, preferably the Modcomp II

Marsha Hanson, X517

Systems Programmer II - #2359

ATD - Computing Facility
Exempt range 61

Anticipated hire-in salary: \$18,660 - 23,340/yr
(continued)

DUTIES: Will perform software maintenance on CRAY 1 operating system. Will be involved in identifying sections of the operating system code that do not function according to specifications, providing problem by-pass suggestions to users awaiting fixes, generating new versions of the system following vendor releases, providing and updating modifications relating to NCAR's accounting needs and consulting with users of system behavior.

REQUIRES:

- M.S. or equivalent in computer science or related field
- 2 - 4 years of systems programming where duties included maintenance of operating system software on medium or large scale system environment and participation in file backup procedures
- Substantial skill in assembly language programming and FORTRAN

Marsha Hanson, X517

Systems Programmer II - #2434

ATD - Computing Facility

Exempt range 61

Anticipated hire-in salary: \$18,660 - 23,340/yr

DUTIES: Will perform software maintenance and development on NCAR's terabit memory (TBM) mass storage system. Development will include new command processors for system control and status displays as well as participation in the connection of this system to NCAR's CRAY 1 computer. User consulting will be an important activity.

REQUIRES:

- M.S. or equivalent in computer science or related field
- 2 - 4 years system programming and maintenance preferably on DEC minicomputers
- Demonstrated skill in machine language programming, I/O control and interface software
- Effective communication skills

ALSO DESIRED, BUT NOT REQUIRED:

- Some knowledge of RSX 11

Marsha Hanson, X517

Systems Programmer III - #2443

ATD - Research Systems Facility

Exempt range 62

Anticipated hire-in salary: \$22,584 - 28,800/yr

DUTIES: Will be system manager for a medium-size minicomputer system, a PDP 11/60, with very large disks. Will write programs for advanced minicomputer-based data acquisition and data display systems. Will work with engineers to develop hardware/software tradeoffs and interfaces in new systems. Will be responsible for the system software for the Research Data Support System, used as a preprocessing center for radar data, display technique development and as a minicomputer software development center.

REQUIRES:

- M.S. in math, physics or electrical engineering and 1 - 2 years experience programming minicomputer systems OR equivalent

(continued)

--Skill/experience in system software, assembly language and FORTRAN

--Basic understanding of digital logic hardware

--Ability/willingness to do occasional travel

ALSO DESIRED, BUT NOT REQUIRED:

--Familiarity with DEC RSX-11 and PDP-11 assembly languages

Marsha Hanson, X517

Technical Typist - #2448

HAO - Administration and Support Services Section
Non-exempt range 26

Anticipated hire-in salary: \$956 - 1,102/mo

DUTIES: Will type scientific, technical and administrative manuscripts. Will maintain HAO preprint and reprint files and a current bibliographic file. Will sometimes be required to fill in for other secretaries in emergency situations.

REQUIRES:

- Superior skill in technical typing including equations, symbols, formulations and tabulations. Straight typing should be accurate and at about 70 - 80 WPM
- Thorough knowledge and accurate application of English composition, grammar, spelling and punctuation
- Skill in organization to maintain record and progress of manuscript from initial draft stage through final ordering and distributing of reprints
- Skill in effective communication with a wide range of people
- Modest skill in performing general secretarial duties
- Skill in transcribing from a dictating machine
- Strong interest in developing skills in area of word processing

ALSO DESIRED, BUT NOT REQUIRED:

- Skill in use of Mag Card A
- Technical typing experience in Physical Sciences area
- Knowledge of format requirements of various scientific journals

Margareta Domecki, X581

Wage and Salary Administrator - #2392

ADM - Office of Compensation and Benefits

Exempt range 72

Anticipated hire-in salary: \$16,520 - 21,072/yr

DUTIES: Will be responsible for most salary actions such as establishing beginning rates for new staff and reviewing and taking appropriate action on requests for reclassification, promotion and salary adjustments. Assists in providing direction and monitoring annual employee performance appraisals. Will also assist in conducting wage and salary surveys.

REQUIRES:

- Demonstrated knowledge of wage and salary administration
- High level of skill in mathematical problem solving and computations to include a working knowledge of graphs
- Skill in using a calculator

(continued)

- Skill in learning, applying and interpreting organizational policy
- Skill in effective written and verbal communication with all levels of staff, including managers, supervisors, and Division Directors
- Skill in using good judgment
- Skill in establishing and maintaining good working relationships
- Skill in accomplishing detail work accurately and remembering procedures
- Skill in handling confidential information

Final applicants will be given a test in basic mathematics necessary for daily functioning in a wage and salary setting.
Marsha Hanson, X517

REGULAR, PART-TIME

Employment Coordinator - #2393

Half-time

ADM - Personnel and Employment Office

Exempt range 75

Anticipated hire-in salary: \$10,993.50 - 14,015/yr
half-time, 20 hrs/wk

DUTIES: Responsible for design, development, implementation and administration of employment program which meets the need of NCAR management and complies with equal opportunity, affirmative action and other legal requirements. Supervises employees who recruit, test, interview, reject or refer qualified applicants to hiring supervisors for further consideration. Minimizes NCAR's potential liability in area of fair employment practices.

REQUIRES A MAJORITY OF THE FOLLOWING:

- Comprehensive and broad knowledge of principles and methods of modern personnel administration, including extensive knowledge of recruiting, AA/EEO regulations and employment functions
- Skill in managing others effectively and establishing and maintaining effective relationships with employees, supervisors and the general public
- Skill in evaluation, development, implementation and administration of personnel policies and procedures
- Skill in using good judgment in problem-solving and decision-making
- Skill in effective communication about sensitive issues and through report preparation and presentation
- Ability to establish and maintain a close working relationship and open communication with a partner; this is a shared position.

Valerie Friesen, X508

Secretary - #2431

Half-time

ADM- Physical Plant Services

Non-exempt range 25

Anticipated hire-in salary: \$434.50-501/mo (.50)

DUTIES: Will type (and edit, as appropriate) correspondence, architectural and engineering drawing notes, contract actions; will maintain all files, review and maintain records for accounting reports; maintain group's calendar; handle travel arrangements, authorizations and vouchers; order supplies and engineering/architectural books or manuals.

REQUIRES:

- Knowledge of modern office procedures and letter formats
- Skill in use of English composition, grammar, spelling and punctuation
- Skill in arithmetic
- Accurate typing skill at 55 WPM (test may be given to final applicants)
- Skill at establishing and maintaining good working relationships
- Knowledge of Architectural/Engineering terminology
- Knowledge of engineering filing
- Skill in understanding written procedures and using initiative, when appropriate

DESIRED, BUT NOT REQUIRED:

- Skill in use of dictaphone
- Familiarity with CSI and/or AIA Indexing Format Systems

Margareta Domecki, X581

Secretary - #2436

One-quarter time

AAP - Oceanography Section

Non-exempt range 25

Anticipated hire-in salary: \$217.25 - 275.50
(=25% of full-time rate)

DUTIES: Will provide secretarial support to the Chairman of the Oceanographic Journal in the smooth processing of all articles submitted for publication. Will compose and type routine correspondence, set-up and maintain a filing system, catalogue publications and contact articles' reviewers; may be required to do English editing of scientific articles.

REQUIRES:

- Skill in use of English composition, grammar, spelling and punctuation
- Knowledge of standard office procedures and letter formats
- Skill in effective communication with a wide range of people
- Ability to use initiative in dealing with phone or mail inquiries
- Accurate typing skill at about 60 WPM
- Demonstrated skill in general office organizational tasks

ALSO DESIRED, BUT NOT REQUIRED:

- Editing experience

Margareta Domecki, X581

SPECIAL PROJECTSpecial Project Scientist I - #2405

HAO - Rocket Coronagraph Experiment
Exempt range 82

Anticipated hire-in salary: \$21,588 - 27,516/yr

DUTIES: The primary objective of the experiment is the measurement of coronal temperatures, densities and flow velocities throughout the inner solar corona. Scientist will participate in the experiment in a) modifications, refurbishment, calibration and launch of the instrument, and b) the concurrent and subsequent reduction, analysis and interpretation of the data. Will involve communication and negotiation within the group at HAO, with Harvard College Observatory and other organizations.

REQUIRES:

- Ph.D. or equivalent in solar physics, astronomy or physics
- Participation in either observational or laboratory instrumental programs
- Demonstrated skills in analysis and interpretation of observational data
- Skills in communication for negotiation and interface with other scientific personnel
- Ability/willingness to travel away from Boulder for about 6 weeks per year

ALSO DESIRED, BUT NOT REQUIRED:

- In-depth knowledge of solar physics as demonstrated by quality publications of research
- Experience with rocket or spacecraft hardware
- Demonstrated skills in programming on large computers involving large data sets
- Demonstrated skill in programming using minicomputers on an interactive basis

This position is funded through October 1980 with a high probability of extension past that (probably through September 1982).

Marsha Hanson, X517

Support Scientist II - #2441

(Term = through 30 September 1980 with probable renewal)

HAO - Solar Atmospheres and Magnetic Fields Section
Exempt range 81

Anticipated hire-in salary: \$17,820 - 22,296/yr

DUTIES: Provides research support to Observatory scientists (Solar Maximum Mission and OSO-8) in data analysis and solar physics relative to ultraviolet solar space experiments. Programming in FORTRAN to develop theoretical models and provide analysis techniques will be the major activity.

REQUIRES:

- B.S. or equivalent in astronomy, physics, or closely related field and one or more years experience in above areas
- High proficiency in FORTRAN programming or equivalent
- Familiarity and experience with numerical and statistical analysis, differential equations, Fourier series, and related mathematical techniques (preferably using computers such as PDP 11/70 under UNIX)

Marsha Hanson, X517

Support Scientist II-III/Special Project Scientist I-

(Part or full-time)

#2426

AQD - LIMS

Anticipated hire-in salary:

81: \$17,820 - 22,296/yr

(Support II)

82: \$21,588-27,516/yr

(Support III or Special Project Scientist I)

DUTIES: Will assist in the validation and application of the data from the LIMS experiment which flew on the Nimbus 7 spacecraft. Will oversee reduction, collection and dissemination of LIMS data; will work on improving algorithms to objectively analyze LIMS data and assess quality of results and will take part in formulation of problems, develop and apply software to use LIMS data to answer questions about middle atmospheric chemistry, dynamics and radiation; will assist in interpreting and publishing results.

REQUIRES:

- M.S. or Ph.D. in atmospheric sciences or closely related physical science
- Substantial knowledge of the stratosphere and mesosphere
- Skill in handling data sets on a computer, including use of tapes
- Skills in organization and documentation of work
- Skill in working effectively as part of a team
- Pleasant and effective written and verbal communication skills
- Flexibility to shift task focus when necessary

ALSO DESIRED, BUT NOT REQUIRED:

- Previous experience with NCAR Mass Storage System

TERM: Appointment will initially be for one year, but an extension of one more year is highly likely; position is available immediately.

Marsha Hanson, X517

CASUAL

(on call)

Custodian - #2376

ADM - Physical Plant Services

Non-exempt range 24

Anticipated hire-in salary: \$4.56 - 5.26/hr

DUTIES: General cleaning such as washing (walls, furniture, ash trays, windows/doors, trash receptacles), dusting, removing trash, mopping, washing, waxing and buffing floors.

REQUIRES:

- Skill in comprehending basic work instructions (verbal and written)
- Skill in learning and remembering procedures
- Physical coordination and shoulder strength
- Skill in working independently
- Physical strength to lift 5 gallon bucket of wax or water
- Availability/willingness to work 6:00 p.m. to 2:00 a.m. as needed

ALSO DESIRED, BUT NOT REQUIRED:

- Previous custodial experience
- Valid Colorado drivers license
- Skill in operating floor cleaning machine and buffing machine

Margareta Domecki, X581

Security Guard - #2425

ADM - Safety and Security

Non-exempt range 18

Anticipated hire-in salary: \$4.50/hr (1979 rate)

DUTIES: To protect buildings and contents against loss by fire, theft and illegal entry. Make inspection trips by foot and vehicle; serve on fire brigade and render first aid when necessary; operate two-way radio and paging system; receive NCAR telephone calls during non-business hours.

REQUIRES:

- Demonstrated strength and stamina to make required rounds, move fire equipment, and work alone in isolated areas
- Demonstrated skill in communicating effectively with a wide range of people and using good judgment
- Skill in remembering and following procedures
- Possession of a valid driver's license and ability to qualify for and obtain GSA driver's license (to qualify, one cannot have more than 2 moving violations in last three years)
- Ability to qualify for and obtain American Red Cross Standard First Aid certificate
- Flexibility/willingness to work on call as needed

ALSO DESIRED, BUT NOT REQUIRED:

- Experience as a security guard, law enforcement officer or military person

Margareta Domecki, X581

STUDENT ASSISTANT

Student Assistant - #2438

AAP - Large Scale Dynamics Section

Anticipated hire-in salary: \$5.30/hr

DUTIES: To provide assistance in the operation and maintenance of a library of computer programs. Will assist in providing convenient I/O, display, and data processing necessary during operation of all programs. Will assemble, debug, and document new additions to the library. Will assist scientist by performing a variety of odd-job programming tasks. Will provide technical programming assistance to scientists.

REQUIRES:

- Full-time student status (excluding summer)
- Strong interest in physical sciences
- Skill in learning and remembering procedures
- Skill in understanding written and verbal instructions
- Knowledge of FORTRAN programming
- Skill in accuracy and attention to detail
- Ability to work 20 hours/week and full-time during summer

Margareta Domecki, X581

Switchboard Operator - #2421

ADM - Plant Maintenance and Operations

Non-exempt range 23

Anticipated hire-in salary: \$4.142 - 4.776/hr

DUTIES: Will handle all incoming and outgoing calls for NCAR/UCAR to include commercial calls, FTS calls, CU calls, attendant lines and intercept lines. Will maintain call report slips, check and maintain roster of staff and visitors. Will handle paging system for the Computing Facility.

REQUIRES:

- Skill in operating cord board switchboard (preferably in large organization)
- Skill in remembering procedures and information about an organization
- Eye/hand coordination
- Skill in effective communication and in the use of English grammar
- Skill in typing about 35 WPM (typing test may be given to final candidates)
- Availability/willingness to work on call as needed

Margareta Domecki, X581

Student Assistant - #2446

ATD - Research Aviation Facility

Anticipated hire-in salary: \$5.30/hr

DUTIES: Will assist in scientific data analysis including computer job submission, data plotting and inventory; will also assist in the preparation of graphical displays of aircraft data.

REQUIRES:

- Current full-time student status, excluding summer (Electronics Engineering, Computer Science, physical sciences)
- Skill in large computer FORTRAN programming
- Availability to work 15 - 20 hours per week
- Willingness to work at Research Aviation Facility, JEFFCO
- Skill in accuracy and attention to details
- Skill in submitting program to computer and making modifications to program

Margareta Domecki, X581

Student Assistant - #2447

ATD - Research Aviation Facility

Anticipated hire-in salary: \$7.05/hr

DUTIES: Will perform analysis of aircraft data, apply aerodynamic engineering to instrumentation problems, and work on special engineering/data analysis projects as needed.

REQUIRES:

- Current full-time student status (senior or junior in Aeronautical Engineering or equivalent preferred)
- Skill in FORTRAN programming
- Knowledge of aeronautical engineering/fluid mechanics theory
- Skill in accuracy and attention to detail
- Ability to work 10 - 15 hours/week

NOTE: If student desires to participate in RAF test flights, he or she will be required to pass FAA high altitude chamber test. Position will last through May 1980 only.
Margareta Domecki, X581

Student Assistant - #2450

AAP - Climate Section

Anticipated hire-in salary: \$5.30/hr

DUTIES: Will perform scientific drafting and data analysis for scientists. Will interact with Printshop to ensure efficient production of data for scientific journals and presentations.

REQUIRES:

- Skill in drafting
- Current full-time student status, excluding summer
- Availability to work 20 hours/week and full-time during summer
- Skill in executing work with neatness and accuracy
- Skill in communicating effectively with people
- Skill in understanding and following directions

ALSO DESIRED BUT NOT REQUIRED:

- Demonstrated interest in physical sciences

Margareta Domecki, X581

Student Assistant I - #2452

CSD

Anticipated hire-in salary: \$4.35/hr

DUTIES: To establish and maintain data inventory and archiving of division scientific data to include magnetic tapes, microfilm, photographs, original film, etc. To develop and control logging system for checkout of data.

REQUIRES:

- Full-time student status, preferably in atmospheric science or related scientific discipline
- Skill at paying attention to details
- Skill at working with neatness and accuracy
- Skill at establishing and maintaining effective working relationships with a variety of people
- Willingness/ability to work 20 hours/week during school year and full-time during summer
- Ability to obtain GSA drivers license (requires current valid license and 2 or less moving violations in last 3 years)

ALSO DESIRED, BUT NOT REQUIRED:

- Some knowledge of atmospheric science
- Skill in filing/cataloguing material
- Skill in typing approximately 30 - 40 WPM

CALENDAR NOTES

February 11 through February 18, 1980

MONDAY, February 11

Open

TUESDAY, February 12

- AAP Seminar -- Some New Results in the Theory of Scalar Turbulence, Jackson Herring, AAP

3:30 p.m.
NCAR Mesa Lab, Main Seminar Room

WEDNESDAY, February 13

- AQD Seminar -- Charcoal - Past and Present Atmospheric Fluxes, James Herring, U.S. Geological Survey, Denver

11:00 a.m.
Fleischmann Building, Roberts Seminar Room

THURSDAY, February 14

- HAO Colloquium -- Power Spectral Analysis, Rainer Illing, LASP

11:00 a.m.
HAO Classroom 134

FRIDAY, February 15

Open

MONDAY, February 18

Holiday

Calendar Notes announcements may be mailed to Vonda Giesey, ML 136. Wednesday at 12:00 noon is the deadline for items to be included in the Calendar Notes.