

# ST. PAUL CAMPUS COMPUTING NEWSLETTER

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27 North Hall  
St. Paul Campus  
373-0987 - 0990

## COMPUTING CENTER (NORTH HALL)

### 1. INTRODUCTORY AND INFORMATION SEMINAR

An introductory seminar for new and prospective users of the equipment and services available in the Computing Center is scheduled for Wednesday, January 28, from 3:05 to 4:30 p.m., in room 6A North Hall. A person wishing to attend this seminar should call or write Mrs. Eva Klein, 27 North Hall, 373-0987, providing her with name, department and telephone number.

### 2. MIRJE TELETYPE TERMINAL

The consultants have been approached by teletype users who have experienced difficulties accessing the program MULTREG. MULTREG is available as part of the ISIS package. We will be happy to help any MULTREG users who are not familiar with the procedure for accessing ISIS.

### 3. LARGE PRINTOUTS ON THE 1004

Large output files can take a very long time to print on a 1004. Because this can severely inconvenience other users, we request adherence to one of the following two conventions:

- a. Programs which generate large output files should not be run from the 1004 between 8:00 a.m. and 5:00 p.m., Monday through Friday.
- b. Run the program any time and use the DISPOSE control card to cause the output to be printed at Lauderdale. The user has the option of picking up the output at Lauderdale or having it delivered to MAPS (415 Coffey Hall) on the next working day. The consultant will be happy to answer any questions concerning the use of the DISPOSE control card.

### 4. 026 KEYPUNCHING

In recent months the Keypunch Section has been receiving more and more '026' keypunching work. While this work is welcome, users are asked to adhere to the following conventions:

- a. Always indicate that the cards are to be punched with '026' codes by writing '026' way on the top of the first page.
- b. If any symbols are used other than the FORTRAN characters [0123456789ABCDEFGHIJKLMNØPQRSTU VWXYZ()+=.,], please indicate this to the keypunch supervisor when she accepts the project.

### 5. COMPUTER TIME GRANTS

The St. Paul Campus Computing Center provides time-grant use of the IBM 360 computer to eligible University staff and graduate students. Such grants will normally be given for teaching purposes and the preparation of classroom materials. SPCCC computer time support can also be granted in modest amounts for unsponsored or unsupported research projects and for such user applications that overrun the funds available in budgetary allotments.

We wish to clarify that although modest amounts of computer programmer, computer operator, and keypunch supervisor time and assistance are given in supporting time-grant accounts, no production or long-term keypunching or application programming is granted. Although moderate quantities of card and paper supplies can be provided, users are expected to pay for excessive amounts of materials consumed.

Individuals desiring to use the IBM 360 computer who have no financial resources available to them for computing may contact our secretary, Mrs. Eva Klein, 27 North Hall, (373-0987) to obtain computer time-grant application forms. All requests are subject to the approval of the Computing Center's data processing manager or administrators. Time grants do not carry over at the end of a fiscal year.

### 6. PROGRAM WRITEUPS

The Computing Center makes every effort to maintain an adequate supply of computer program writeups. We would like to assure an adequate supply of writeups for users upon demand. Therefore, we request that users, instructors, etc., who require large amounts of these materials notify us of their needs 3-4 weeks in advance.

## MINNESOTA ANALYSIS AND PLANNING SYSTEM (MAPS)

### 1. DAVID NELSON ON LEAVE

David Nelson, operations leader at MAPS, has been granted a leave to accept a visiting professorship at Boise State University in Idaho effective Jan. 1, 1976. He will be on leave for 1 year. During that time, Tom Ehlen will be acting operations leader.

### 2. MINNESOTA EMPLOYMENT DATA

Data on persons employed in the State of Minnesota in 1973 can be found in a set of tables recently released by the Regional Economics Information System of the Bureau of Economic Analysis (BEA).

Minnesota and each of its counties are covered in the tables, which show employment data for the years 1969 through 1973. Figure breakdowns include the number of proprietors and a count of full and part-time wage and salary employment by farm and non-farm employers. The non-farm categories are government, manufacturing, mining, construction, transportation, trade, finance and others.

The tables also provide percentages of total employment and location quotients. The MAPS data base also includes BEA figures on employment for 1967 and 1968.

### 3. DATA DISPLAY BROCHURE AVAILABLE

A data display brochure, which contains samples of the Minnesota Analysis and Planning System's most commonly requested retrievals, has recently been published and is available for distribution.

The brochure contains sample displays from the 1st, 3rd, and 4th counts of the 1970 Census of Population and Housing; some selected tables from the 5th count; Equal Employment Opportunity information; Bureau of Economic Analysis displays; a cross-tabulation sample; and a mailing file example.

The data display brochure is free upon request. Call or write the MAPS office—(612) 376-7003, 415 Coffey Hall.

### 4. FARM INCOME AND EXPENDITURE FIGURES

Information on farm income and expenditures for the years 1969 through 1973 in Minnesota is now part of the MAPS data base. The figures are from an agricultural file recently

released by the Regional Economics Information System of the Bureau of Economic Analysis (BEA).

The data reflects the net difference between the income arising from commodities and services produced on farms and the expenses associated with such activity.

Under farm expenditures, the major items are feed, depreciation and other capital consumption, repairs and operation of capital items, livestock purchase, and hired labor.

For gross income, the four major breakdowns are cash receipts from marketing livestock, cash receipts from crops, government payments, and non-money income.

#### 5. MAPS USERS SEMINAR

Because of the increasing demand for the MAPS users seminar, two sessions have been added to the 1976 schedule.

The dates of the seminar are complete as follows: January 13, February 10, March 9, April 13, and June 8. In the past, the seminar was held on a bi-monthly basis.

To register or for additional information, call the MAPS office. There is no charge for the half-day seminar, which runs from 9 a.m. to noon in room 401 Coffey Hall on the St. Paul campus.

#### 6. DATA ACQUISITION PROJECT

The "Data Base Acquisition Project," which was funded last summer by a grant from the Intergovernmental Information Systems Advisory Council (IISAC), is in full swing and beginning to have files ready for access.

Two files that are now ready are the 1974-75 School Fall Report and the School District Fall Report. These data, which are gathered by the State Department of Education, are for each public school—vocational, elementary, high school—and for each school district in Minnesota. The 1975-76 School Fall Report and the School District Fall Report will be ready for copying early in 1976.

Another file that will soon be ready for access is a non-confidential (public data) copy of the Master Business file which is prepared by the Department of Revenue.

#### CLASSROOM OFFICE BUILDING COMPUTING FACILITIES

The facilities in room 125 Classroom Office Building will be available from 8 a.m.—9 p.m. MW, 8:30 a.m.—9 p.m. TuTh, 8 a.m.—6 p.m. F, and 9 a.m.—2 p.m. on Saturday. The facilities include a Univac 1004 terminal with access to the University's CYBER 74, and the MERITSS instructional time-sharing lab. During the course of the quarter we expect delivery of two new 30 cps terminals in the MERITSS lab, for a total of 13 terminals, five of which can be used at 30 cps.

Statistical computing consultants, offering free advice on the use of statistical packages, will be available approximately 20-30 hours per week. Additionally, the statistical clinic, staffed by School of Statistics graduate students with support from the Applied Statistics faculty, offers free advice to the University community on all aspects of statistical problems, including designing experiments, and analysing data already collected. Hours for both the computing consultants and for the clinic can be obtained by calling Linda Lawton at 373-1037.

Further information concerning the facilities in room 125 ClaOff can be obtained by calling S. Weisberg, 373-1068.

#### GENERAL INFORMATION ABOUT COMPUTING EQUIPMENT BY LOCATION

Equipment Type	Location	Hours of Service	Key Staff Personnel	Telephone
IBM 360/30 computer	22 North Hall	8:00 a.m.—4:30 p.m. (M-F)	Dave Schempp (consultant)	373-0987
		7:00 a.m.—5:30 p.m. (M-F)	Key Punch Supervisors	373-0992
		8:00 a.m.—4:30 p.m. (M-F)	Secretary (Account clerk)	373-0990
		7:00 a.m.—Midnight (M-F)	Operations staff	373-0990
		8:00 a.m.—Noon, Sat.	Operations staff	373-0990
Univac 1004 terminal	24 North Hall	8:00 a.m.—4:30 p.m. (M-F)	Jim Colten (consultant)	373-0987
		7:00 a.m.—Midnight (M-F)	Operations staff	373-0990
		8:00 a.m.—Noon, Sat.	Operations staff	373-0990
MIRJE teletype terminal (for research use only)	24 North Hall	8:00 a.m.—4:30 p.m. (M-F)	Jim Colten (consultant)	373-0987
		7:00 a.m.—Midnight (M-F)	Operations staff	373-0990
		8:00 a.m.—Noon, Sat.	Operations staff	373-0990
Hewlett-Packard 9100B	20 North Hall	By arrangement	Secretary or Operations staff	373-0990
CDC 200 terminal	415 Coffey Hall	7:45 a.m.—9:30 p.m. (M-F)	Tom Ehlen	376-7003
		7:45 a.m.—9:30 p.m. (M-F)	Elaine Greenfield (office supervisor)	376-7003
		7:45 a.m.—4:30 p.m. (M-F)		
		(after hours use by arrangement)		
MIRJE teletype terminal (for research use only)	415 Coffey Hall	7:45 a.m.—9:30 p.m. (M-F)	Tom Ehlen	376-7003
		7:45 a.m.—9:30 p.m. (M-F)	Elaine Greenfield (office supervisor)	376-7003
		7:45 a.m.—4:30 p.m. (M-F)		
		(after hours use by arrangement)		
Univac 1004 terminal	125G Classroom Office Building	8:00 a.m.—9:00 p.m. (MW)	Consultant	373-0829, 376-3846
		8:30 a.m.—9:00 p.m. (TTh)	L. Lawton (secretary)	373-1037
		8:00 a.m.—6:00 p.m. (F)	C. Bingham	373-0988
		9:00 a.m.—2:00 p.m. (Sat.)	S. Weisberg	373-1068
Interactive instructional lab	125E Classroom Office Building	8:00 a.m.—9:00 p.m. (MW)	Consultant	373-0829, 376-3846
		8:30 a.m.—9:00 p.m. (TTh)	L. Lawton (secretary)	373-1037
		8:00 a.m.—6:00 p.m. (F)	S. Weisberg	373-1068
		9:00 a.m.—2:00 p.m. (Sat.)		
Univac 1004 terminal	257 Biological Science	9:00 a.m.—4:30 p.m. (M-F)	Pam Kaufman (consultant)	376-3067