

Enter Here For K Lot



Employees of the Directorate of Facilities Engineering worked vigorously to complete the new entrance ramp to "K" parking lot. The entrance was relocated to provide better installation security. Under the new system traffic enters the main installation gate and then turns into "K" lot by using the entrance ramp that veers right from the main traffic flow. Exit is accomplished from a newly constructed ramp located at the southeast corner of "K" lot.

Energy Memo Puts DoD Emphasis On Temperatures

The Department of Defense has issued a special memorandum which outlines implementation and enforcement of the National Energy Act.

The Act requires the temperature control in Federal buildings be maintained at 65 degrees during the winter and 78 degrees during the summer, unless the building meets an exemption requirement.

Certificate of Building Compliance will be required to be

as well as the Department of Defense has the power to conduct inspections of Federal buildings and to seek the imposition of civil penalties for violations.

Sanctions can include administrative sanctions and civil penalties of up to \$5,000 per violation against individual building operators.

Certificates and posters that will be issued will also provide the Department of Energy

Orienteer

DEFENSE MAPPING AGENCY AEROSPACE CENTER

Vol. XXII, No. 2

January 18, 1980

Driving Costs Examined; More Than Meets The Eye

by David L. Black

A group of us were talking the other day at lunch about the ever increasing price of gasoline and the changes that might be required in our driving habits. It was a conversation not unlike many that go on each day around the Center. We talked about car pools and van pools, local bus transportation and costs. It was that last item that we found we had examined the least. Everybody had an idea about someone who might form a car pool or a van pool with him. Everybody had checked out the availability of the bus. But very few had really sat down and examined all the costs involved in driving to and from work every day. The key word is all.

I decided to ask the experts, Lt. Col. Don Bean and Les Dreiman, who have spent the past six months reading, analyzing and computing all kinds of driving costs in connection with their assignment to investigate van pools for the Center. Since their approach has been businesslike I figured they must have looked much more carefully at all the costs

than would the average driver. What I found was a wealth of information and two very cost conscious individuals.

First, the cost factors to consider in owning and operating a vehicle and the percentage of the total cost they represent -- Depreciation 26.5%; Maintenance (accessories, parts, tires, etc.) 21.8%; Gas and Oil 32.3%; Insurance 10.0% and Federal, state and local taxes 9.4%. The figures are based on the U.S. Department of Transportation - Federal Highway Administration statistics.

The American Automobile Club agrees with the breakout and uses the actual cost figure of 19.6 cents per mile to compute total driving costs for the average car.

Using that information we can compute the hypothetical driving situation of 50 miles per day, 21 work days per month which would total 1050 miles. Multiply that by the 19.6 figure and the cost of driving that car is \$205.80 per month. If it is a two person car pool and all things are considered it should be costing each member \$102.90 per month.

What about the van pool?

Currently the Van Pool Corporation, made up of interested Center people, (the government can't own vans and lease them to employees), has identified some 14 geographical areas (with more to come) where employees are concentrated in groups. Information about the van pool and employees showing interest has been circulated among the groups. At this point two areas have just about completed all the necessary arrangements for vans and should be on the road by the first of February.

According to Dreiman, a leasing company has been selected that provided a cost some \$100 per month per vehicle less than any other open or closed lease plan. Insurance is included in the lease plan and provides more coverage than that being offered by a commercial broker. Insurance was one of the major stumbling blocks in van pooling. Few companies desired to write the insurance and those that did had commercial costs which ranged from \$650 to \$2200 per vehicle per year.

Under the lease plan selected, Dreiman outlined

pliance will be required to be posted on each building. The certificates will list the commander, officer-in-charge of the installation and the name of the individual who is actually in charge of the temperature controls in particular buildings. Certificates will also describe the buildings' exemption if an exemption applies.

The Department of Energy,

will be based on the compliance with the provisions of the Department of Energy phone number so that individuals can report noncompliance with the energy policy.

Facilities Engineering personnel are continuing to monitor the Aerospace Center buildings to assure that they meet the basic requirements of the Energy Act or the requirements of the building exemptions.

DMA Award Announced

The Defense Mapping Agency has established a new award to be presented at the DMA Annual Awards Day, May 9, 1980. The Benjamin B. Lane Award will be awarded annually for technological achievement.

The award is named in the memory of the late Benjamin B. Lane, a pioneer in photogrammetric processes and techniques currently used in the MC&G community.

All DMA nonsupervisory

A Subtle Little Change

Beginning January 1, the Aerospace Center - like all Federal agencies -- began a switch to the commercial size stationery now used by private business.

The Congressional Joint Committee on Printing ordered the change from the 8 by 10½ inch size paper to the 8½ by 11 inch commercial size for all

professionals are eligible for this award. Individuals or teams nominated should have made an outstanding contribution in MC&G research, developing or techniques and exhibited creativity, initiative and resourcefulness resulting in significant technological advances.

All nominations must be received in Headquarters by Jan. 25, 1980. The period to be covered is Oct. 1, 1978 to Sept. 30, 1979.

Federal agencies. The new size applies to such things as letterhead stationery, copy sets and carbon paper.

According to officials all 8 by 10½ inch paper in stock will continue to be used until supplies are exhausted. No more letterhead stationery, however, may be printed on the 8 by 10½ inch paper as of January 1.

more carefully at all the costs

Federal Survey Results Hits At Lack Of Feedback

Supervisors are doing a good job of defining job duties to subordinates, according to a recent government-wide attitude survey of government employees.

But they're not doing very well when it comes to feedback and performance appraisals.

According to the survey, Federal employees would like to get more feedback on improving their performance than they now receive from their supervisors. Some employees did not feel performance appraisals were fair and accurate. More than half of those surveyed said their supervisors would give them the same rating regardless of how they performed.

About half of the surveyed employees indicated that their performance ratings did not help determine their strengths and weaknesses, improve their performance, or evaluate what they contributed to an agency.

According to the Office of Personnel Management (OPM), one of the major goals of reforming the Federal Civil Service was to tie rewards to good performance. But most employees do not believe such a tie exists nor do they believe that poor performance will lead

\$102.90 per month.

What about the van pool?

to corrective action.

If employees performed especially well, more than half of those surveyed said it was unlikely they would be promoted, given a better job, a cash award, or pay increase. About 36 (thirty-six) percent did not feel they would lose their jobs or be demoted if they performed their jobs poorly.

OPM Director Alan K. Campbell, commenting on the survey results, pointed out that half of those surveyed felt their performance ratings accurately represented their job performance and accomplishments. But only 25 (twenty-five) percent found their performance ratings helpful in determining their contribution to the organization.

The survey was done in May 1978 to help OPM establish a basis for determining employee attitudes about their jobs and work environment. According to officials, the survey will be compared with future surveys.

The survey questionnaire was completed by 14,000 Federal employees randomly selected from the various Federal agencies, pay levels, pay systems and supervisory and nonsupervisory positions.

Under the lease plan selected, Dreiman outlined some of the fringe benefits -- no long-term commitments from riders, drivers or the leasing company (a 30 day notice is all that is required for employees to terminate), there is more private use of the van authorized (drivers will get 150 free miles for private use), no loans are required to start the van pool operation, more backup drivers are insured, there is a backup vehicle in case of problems, there are no service charges as in the open or closed leasing plans, all maintenance costs are covered in the leasing plan, there are no license or title fees required and only a ten day notice is required to add more vehicles to the fleet.

The vehicles will be 15 passenger Dodge Sportsman vans at a monthly cost of \$395 per vehicle. That price includes insurance, licenses, titles and taxes. Additionally a charge of 4 cents per mile will be assessed for all maintenance, and then of course is the cost of gasoline.

If we use the same hypothetical situation that we created earlier for the car and apply it to the van pool what do we come up with? Take the same 50 miles per day and 21 work days and apply it to a ten passenger van (don't include the driver; he or she rides free). Assume the price of gas at \$1.00 per gallon and the vehicle

Edwards, GS-11; David A. Eisenberg, GS-11; Jeanne L. Fankhauser, GS-3; Robert M. Farrington, GS-11; Robert C. Fisher II, GS-11; Ronald N. Foster, WP-4; Joyce E. Fox, GS-4; Karen J. Gillespie, GS-11; David N. Gillett, GS-9; Roy B. Gillyon, GS-11; David M. Gleason, GS-11; Donald G. Goodman, GS-11; Robert J. Grachus, GS-11; Elaine M. Greaving, GS-6; Michael J. Greenwald, GS-12; Frank A. Halleman, GS-13; John R. Harmon, GS-12; William C. Harris, GS-11; Jimmie R. Hiltebrand, GS-12; Gerald T. Hull, GS-11; Nancy E. Icenhower, GS-5; Samuel M.

E. Popp, GS-12; Paula H. Post, GS-4; Paul S. Poston, GS-12; Thomas M. Prout, GS-7; Georgia C. Rodetis, GS-5; John F. Schweitzer, GS-12; Locha C. Scott, GS-4; Nancy L. Shackelford, GS-5; Norma I. Schickman, GS-11; Edward J. Sinnwell, GS-12; Courtee R. Smith, GS-11; Melvin L. Smith, GS-12; Danny W. Snowden, GS-11; Emilia R. Stentz, GS-9; Edward T. Tsugita, GS-12; Debra J. Wenzelburger, GS-4; Robert H. Wilhelm, GS-9; Harold M. Winecoff, GS-11; Dale A. Winters, GS-11; Betty L. Wolf, GS-7; Maurice H. Yahl, GS-11; Elizabeth J. Zaitz, GS-12.

wood, Roy H.

CDCDB

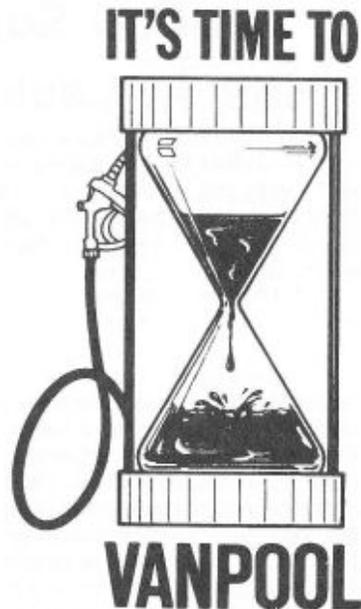
Aviation Safety Awards



Maj. Hugh C. Durham, III, USA, is presented a Certificate of Recognition of Aviation Safety for 3000 hours of accident-free flying by Col. Robert Burns, director of the Center, during recently held ceremonies. The Army worldwide accident rate for FY 79 was 5.2 per 100,000 flying hours. This is the lowest accident rate in the history of Army aviation.

Orienter

January 18, 1980



Monthly Per Person

Van Pool

Round Trip Daily Miles	Number of Passengers*			
	10	11	12	13
30	\$48.90	\$44.47	\$40.77	\$37.63
50	54.80	49.82	45.67	42.15
60	57.74	52.49	48.11	44.41
100	69.50	63.19	57.91	53.46

*Does not include driver who rides free.

The ORIENTOR is an official newspaper, published bi-weekly on Friday by and for the personnel of the Defense Mapping Agency Aerospace Center, at St. Louis, Missouri, as authorized by DoD Instruction 5120.4. Opinions expressed herein do not necessarily represent those of the DoD.

Col. Robert C. Burns
Director

David L. Black
Chief, Public Affairs Office
Editor

Nancy Brannon
Asst. Editor

In Sympathy

Lawrence V. Klages, CDIBC, died on Dec. 30 after a long illness.



He had been at the Aerospace Center since November 1954 and was currently a cartographer in the Aerospace Cartography Department.

He is survived by his wife Laverne.

1980

Holiday Planning

Washington's Birthday	Feb. 18
Memorial Day	May 26
Independence Day	July 4
Labor Day	Sept. 1
Columbus Day	Oct. 13
Veteran's Day	Nov. 11
Thanksgiving Day	Nov. 27
Christmas Day	Dec. 25

Changes in U.S. Savings Bonds Made

The Treasury Department has announced the new Series EE savings bonds which went on sale January 1, will be called United States Energy Savings Bonds, Series EE, and will receive a ½ percent bonus if held to maturity.

The interest rate on U.S. Energy Savings Bonds, Series EE, will be increased from 6.5 percent to 7 percent for bonds held for the full 11 years to maturity. Series E bonds that have not finally matured and U.S. Savings Notes ("Freedom Shares") will also receive the ½ percent bonus if they are held for 11 years from the date of the first semiannual period that begins on or after Jan. 1, 1980. Bonds and notes redeemed earlier will not receive the bonus.

The redesignation of the bonds as Energy Savings Bonds is intended to help focus attention on the national goals of reducing energy consumption and increasing domestic supplies. The bonds were known as Defense Bonds before and after World War II and as War Bonds from 1941 to 1945 reflecting the national concerns of those times. The Energy Savings Bonds will assist in financing the large Federal energy expenditure required in the coming years.

After June 30, 1980, all U.S. Savings Bonds bought through payroll savings plans will be Energy Savings Bonds, Series EE. Series H and HH Savings Bonds will not be affected by these changes.

Explorer Scouts Learn About Cartography



Morton Praised For IAGS Study

Paul Morton, Aerospace Center comptroller, was the recipient of praise recently from the Director of DMA, Maj. Gen. William Nicholson III.

In a letter of commendation the general wrote, "I would like to commend Mr. Paul Morton of your staff for his outstanding efforts in developing alternatives related to the Congressional direction to move the IAGS Headquarters to the United States. Initially, he was given a relative short time to complete one study and was subsequently requested to develop two additional alternatives. All three were completed before the deadline prescribed for the initial effort."

Outstanding Students

Jeffrey Larkin, son of Roger Larkin, SDDSB, will be listed in the 1979-80 edition of "Who's Who Among Students in American Universities and Colleges."

He was nominated by his school as one of the outstanding students of the St. Louis School of Pharmacy. He will graduate from St. Louis School of Pharmacy in May 1980.

Cheryl D. Mays, daughter of John Mays, ADDS, was re-

December Honor Roll

35 YEARS

Walter G. Rowbottom, John J. Buoncristiani, Rual Wiley, Ann F. Behrens, Eugene W. Copeland, Morris A. Katzman.

30 YEARS

Shirley A. Sostman, Robert P. Haddad, Matthew J. Kania, Alfred W. Taylor, Dorothy L. Cathion.

25 YEARS

Lee C. Warner, John A. Watford, Charles L. Schaefer, Alvin L. West, Ernest Williams, Lawrence G. Even, Cecil F. Daniel, Edward J. Zalko.

20 YEARS

Virgil Bahr, John A. Terryberry, Richard L. Schrama, Max C. Billen, Russell A. Lawrence, Jimmy D. Kanoy.

15 YEARS

Charles D. Sullivan, Ronald W. Hudgens, Francis J. Aufmuth, Frances D. Lavin.

10 YEARS

Theresa A. Scotino, Joan A. Chambers, Paul F. Pals, Donald W. Smith, Vincent L. Koeppe.

OUTSTANDING PERFORMANCE RATING

Jimmie Bauer, Barbara A. Guthrie, William C. Mahoney, William H. Schramm, Elda M. Shubert, Livingstone B. Sykes III, Robert L. Wolverton.

OUTSTANDING PERFORMANCE RATING/ QUALITY SALARY INCREASE

Diane L. Gross, Mary F. Pollack, Kathleen Strickland, Charles E. Woolf.

OUTSTANDING PERFORMANCE RATING/ SUSTAINED SUPERIOR PERFORMANCE

Vernon Charleston, Robert H. Clevensine II, John A. Dooley, Joseph A. Leahy, Brenda K. Maxfield, Gene M. Woodford.

QUALITY SALARY INCREASE

Robert C. Dedic, Iris L. Honchak, Marshall G. Snedaker.

SUSTAINED SUPERIOR PERFORMANCE

Wayne R. Brammer, Robert Burham, Carol Christopher, Fred C. Claw Jr., Ivan L. Coffey, Mary J. Collier, Russell T. Cottingham, John W. Eckhard, Leon P. Fennell, Walter W. Fox, Bessie F. Godair, Jack Harmon, Sandra L. Heins, Walter E. Lewandowski, Ronald H. Martens, Mary B. Mathae, William L. Murphy, Donald K. Reid, Roger D. Roam,

Members of the Center-sponsored Cartographic Explorer Post are shown receiving a briefing on the Lineal Input System. They also received briefings on compilation, color separation and terrain emboss, the Automated Graphic Digitizing System and toured the camera, plate and press rooms of the Graphic Arts Department. The Post will provide the Explorers the opportunity to learn and apply cartographic techniques to their scouting.

Insured Loans

In a recent move the Veterans Administration raised the maximum interest rate permitted on home loans it insures a full percentage point to 11.5 percent.

The move, effective immediately, was linked to the same increase by the Federal Housing Administration on loans it insures.

"It's simple economics," a

HUD official said. He explained that the increase was necessary to keep these loans attractive to investors in a market where the conventional loan rate is already in the 11.5-to-12-percent range.

Without the increase "people who invest their money would go to other investments," the spokesman said.

ACSM Meeting January 30

The American Congress on Surveying and Mapping meeting of January 30 will feature as guest speaker the Technical Director of the U.S. Army Engineering Topographic Laboratory, Robert Macchia.

He will speak on the research and development efforts now under way at ETL.

The meeting will begin at 5:30 p.m. with a social hour and buffet preceding the speaker.

The meeting will be held in the Aerospace Center Dining Hall and those who cannot attend the buffet are welcome to sit in on the lecture.

Additional information can be obtained from posters on Center bulletin boards.

John Mays, ADDS, was recently selected as an outstanding student among colleges and universities throughout the country.

Cheryl is a graduate of Harris-Stowe Teacher's College, a member of Delta Sigma Theta Sorority and an elementary and special education teacher in the St. Louis Public Schools. She was also included in the 1978-79 edition of "The National Dean's List."

Thomas Murphy, Ronald P. O'Leary, Roger D. Rouni, Brenda J. Schoenbeck, Gilbert K. Sievers, James A. Tyrer, Terry D. Van Biber.

SPECIAL ACHIEVEMENT ACT

Mozella J. Major.

SUGGESTION AWARDS

Robert Russell, \$475.00; Kathleen M. Carroll, \$200.00; Kathleen M. James, \$200.00; Mary B. Henning, \$35.00; Alice C. Hollenbeck, \$25.00; Carl C. Hudson, \$25.00; John E. Sieffert, \$25.00; Charles L. Skipper, \$25.00; Kenneth M. Bastholm, Thomas E. Deem, Richard A. Giphart, John J. Lipke.

Winter Olympics -- Don't Just Drop In

If you're planning to wait until you get to Lake Placid to purchase tickets for 1980 Winter Olympic events -- don't.

No counter tickets will be sold during the XIII Winter Olympics, Feb. 12-24, 1980, according to Lake Placid Winter Olympics Organizing Committee officials.

All tickets must be prepurchased through the mail with ticket confirmation taking four to six weeks. The Admissions Office will furnish you with alternate tickets if the events you requested are sold out unless you indicated alternate tickets would not be accepted. By the time you submit another request for tickets to alternate events, they too may be sold out.

More than half a million tickets will be sold with over 50 percent of these tickets being

handled by bus tours. Most of the tours will require individuals to purchase tickets to two or more events.

About 51,700 people are expected to travel in and around Lake Placid during competition days.

Only three major highways, all two lane, lead into Lake Placid. To ease traffic flow and keep roadways clear, parking areas away from Lake Placid will be set up. Travel into Lake Placid will be restricted to people who need to be on the highways. They will be identified by sticker or markings.

Individuals entering the area in their own vehicles and holding tickets for Olympic events will be directed to the nearest parking lot. Free shuttle buses will take spectators to and from

their desired Olympic event site. Parking areas will be located at Marcy Airfield, near Keene Valley High School along Route 73; in the Wilmington area along Route 86 to the northeast of Lake Placid; and in Saranac Lake to the west.

Information on tickets, tour packages and individual tickets may be obtained by writing to 1980 Olympic Winter Games, Admissions Office, Box 1980, Lake Placid, N.Y. 12946.

Give Blood To Save A Life

Iran, much in the news of late, is a land unknown to most members of the Armed Forces. Since it is in the news, the following background information on the country and its religion is presented for our readers.

AN ISLAMIC PRIMER

Islam, the world's second largest faith, with over 750 million adherents, is a universal, not an ethnic or Arab, faith.

Islam is more than just a religion.

It is an all-encompassing way of life.

The two major branches of the Islam faith are the *Sunni* and the *Shiite*, a division which dates from shortly after the death of Muhammad, the religion's founder, in 632 A.D.

Shiite, the smaller branch, holds that a spiritual leader is required to guide the faithful. These leaders are called *imams* and are considered to be the successors of Muhammad. The first *imam* was Ali, son-in-law of Muhammad.

Sunni, the larger branch (90 percent of all Moslems), consider themselves to be the orthodox branch and reject the claim of Ali's line. They believe that the "community of the faithful is the guardian and the guarantor" of the sacred law grounded in the will of God as given in the *Koran*, Islam's holy book.

Both branches have religious leaders whom they consider to be teachers and leaders of prayer rather than ordained clergy in the Western sense. Leadership within this "clergy" is obtained by virtue of one's learning and ability to develop a following. Since separation of church and state is not a recognized principle, these religious leaders are important to the politics of Muslim countries.

Within the Shiite branch, a *Mullah* is a religious leader. A group of select mullahs is gathered together as a *Mujtahid* which has legal jurisdiction under the *Sharia*, Muslim law.

The most learned and revered individual in each *Mujtahid* group is given the title *Ayatollah*.

In general, Muslim spiritual duties are outlined in the "Five Pillars of Faith" namely—

- confession of the faith daily,
- prayer made five times daily while facing Mecca,
- charitable giving,
- fasting during the daylight hours of the Islamic holy month of *Ramadan*, and
- making the *hajj* or pilgrimage to Mecca at least once during the person's lifetime.



IRAN

Facts And Figures

Geography: Area of 636,000 square miles, slightly larger than Alaska. Capital is Tehran with a population of 4.7 million. Qom, present headquarters for Ayatollah Khomeini, is one of the nation's centers of Islamic traditionalism.

People: Estimated 37 million population. Over 90 percent are members of the Shi'a sect of Islam; 5 percent belong to the Sunni sect.

Government: In January 1979 Shah Mohammad Pahlavi was forced to flee the country. It is now ruled by committees under the Ayatollah Khomeini, a religious leader who had been exiled for nearly 20 years.

Economy: At one time Iran was the 4th largest exporter of petroleum in the world. Production has fallen dramatically since the revolution. In November 1979 President Jimmy Carter banned direct purchase by the U.S. of any Iranian oil after the takeover of the American Embassy by Iranian students, in which 62 Americans working there were taken hostage.

The new year got off to a fast start as the Net Knockers increased their winning streak to 24 games and Mickey's Keep-It-Ups won their first game of the season.

On Jan. 8, the Net Knockers carried their winning form into the new year, as they defeated the Out To Lunch Bunch, 3 games to 0. Led by Judy Spoering, Henrietta Kifer and Rex McSpadden, the Net Knockers continue to hold down first place in Division A with a perfect record (24-0).

In a hard fought contest between the Leftovers and Miller

Highlives, the Leftovers prevailed in overtime to win 2 out of 3 games. Led by Shirley Miner, Mary Ward, Joe Maghe and Herb Baker, the Leftovers improved their record to 21 wins and 3 defeats for second place in Division A.

In the third game of the evening, the Sugar Daddies won the first game, but the Network team came back to win 2 out of 3 games. Excellent play by George Kroenung, Steve Laughlin, Dotte Kroenung and Kim Owen enabled the Networks to improve their record to 13 wins and 11 defeats.

An inspired Dirty Dozen team defeated the Chinese Sandpeople in all 3 games. Excellent spiking by Bill Gillespie and the fine floor play of Debbie Ullo, Marilyn Massman and Becky Clark enabled the Dirty Dozen to move into second place in Division B with a record of 12 wins and 15 defeats.

The nightcap was a battle between the two last place teams in each division. After Mickey's Keep-It-Ups won their first game of the season, the Bad Data team came back to win 2 out of 3 games. Excellent play by coach Kevin Cole, Mary Ann Toenjes, Kathy Hille, Paulette Wells, Tim Fox and Gary Brown enabled the Bad Data team to improve their record to 5 wins and 22 defeats.

— Chuck Arns

Standings through Jan. 15 are:

Division A			Division B		
Team	Won	Lost	Team	Won	Lost
Net Knockers	25	2	12-Paks	17	10
Leftovers	24	3	Dirty Dozen	13	17
Bumper Stickers	22	5	Chinese Sandpeople	13	14
Miller Highlives	15	12	Sugar Daddies	10	20
Network	13	14	Out To Lunch Bunch	5	22
Bad Data	5	22	Mickey's Keep-It-Ups	3	24



Recent graduates of Cartographic Training Class 80-B are: First row, left to right: Stephen Junghans, University of Missouri, St. Louis; Jon Strother, University of Missouri, Columbia; Larry Willman, Memphis State University; Richard Ingram, Kutztown State College. Second row, left to right: Malvin Morton, BA Harris Stowe State College, MS Southern Illinois University; Gerard Blood, Kansas University; Sylvia Proctor, BA University of Illinois, MS Southern Illinois University; David Lefton, BS Harvard University; John Needham, St. Louis University.

Chop and Save Near Home

With the prices for all types of heating going through the roof, it might be time for people with fireplaces to chop and save.

Wood is available from public lands and the nearest U.S. forest ranger has information

on how you can get some of it.

Look for rangers under the "U.S. Government" section of the telephone directory; the Forest Service is listed under the Department of Agriculture.

If you have no luck with that approach, drop a note to the

Forest Service's Washington, D.C. office. That office can supply a free fact sheet and pamphlet on free firewood.

Write or call: Forest Service, Department of Agriculture, P.O. Box 2417, Washington, D.C. 20013, Tel: 202-447-4211.