

EROS to celebrate 25 years Saturday

The U.S. Geological Survey EROS Data Center will recognize its 25th anniversary by hosting an open house on Saturday. Events will include talks by a former astronaut, tours, displays and entertainments.

The theme of the celebration is "Exploring a Changing Planet. Events will run from 9 a.m. to 3 p.m.

A special guest for the day will be Dr. Mary Cleave, who will give talks at 11 a.m. and 1 p.m. on her experiences as a mission specialist on the space shuttle.

Events and displays include a fun run, Native American dancers, skydivers, tethered hot air balloon rides, music, ham radio operators, military equipment, fingerprinting identification service and even a few clowns.

The public will have full access to the center, including an opportunity to see the massive data archives which hold the world's largest collection of civilian satellite images and aerial photographs.

Educational exercises for exploring the Earth, designed for middle school-age children, will be available.

Displays of satellite images from around the world will show how information available from the center is used for environmental studies and for monitoring the effects of natural and man-made actions to the land mass of the planet.

Visitors will also be able to tour the advanced computer facilities being prepared for the next

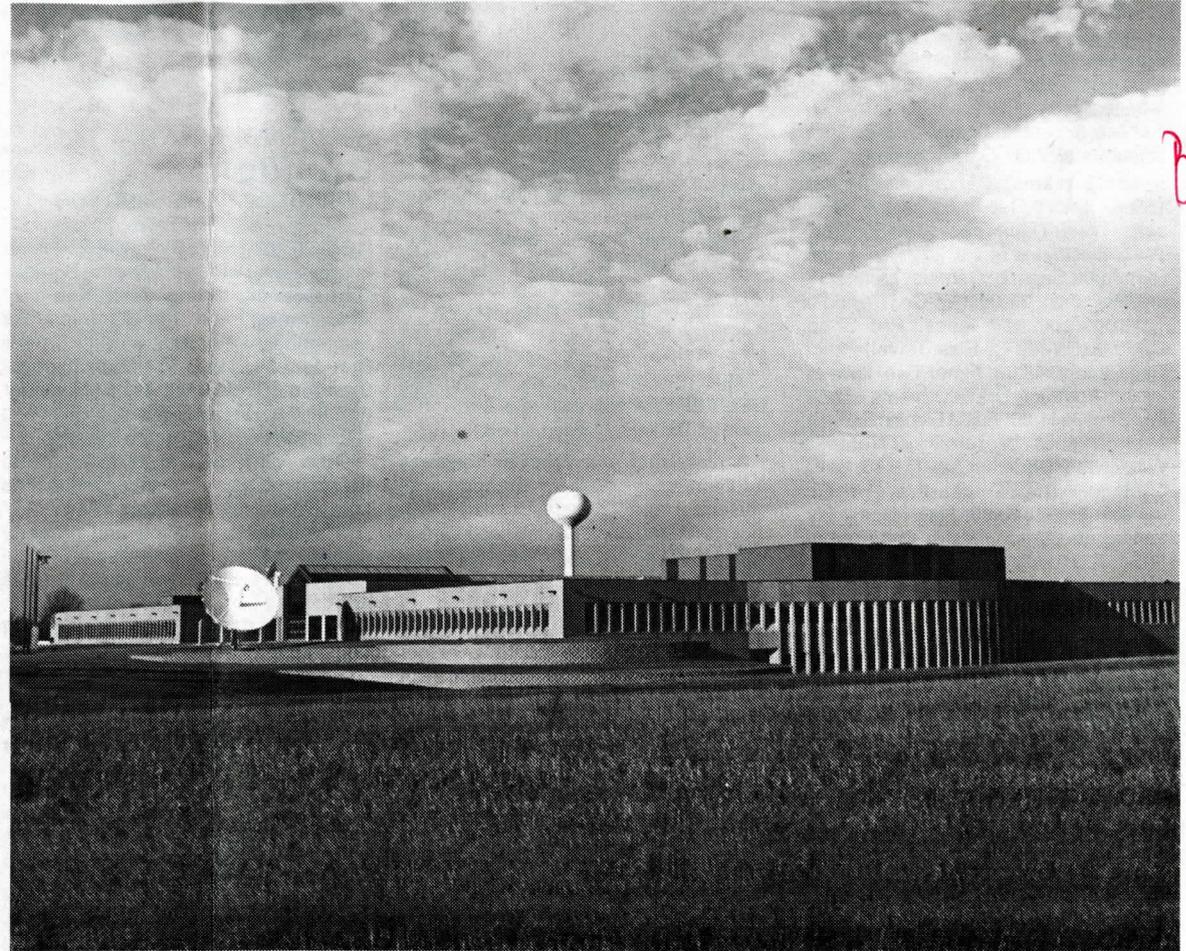
generation of Earth observing satellites to be launched in 1999.

Everything is free of charge except for food and soft drinks which will be available at the food court.

The U.S. Geological Survey EROS Data Center was established in 1973 primarily to receive, process, archive, distribute and analyze land remote sensing data acquired by our nation's civilian Earth observing satellites.

Schedule of events:

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|----------|----------------------------------------------------------------|
| 8-9 a.m. | 5K competitive run
2.5K fun run/walk |
| All day | Exhibits
Hands-on demos
Educational booths
Food court |
| 9-2 | Self-guided tours |
| Hourly | Movie loop-
auditorium |
| 9-11 | hot air balloon rides
(tethered) |
| 9-9:45 | Leftbank Jazz Society
(stage) |
| 10-10:15 | 5K and 2.5K awards
(stage) |
| 10:15-45 | Flandreau Indian
Dancers (30 minutes) |
| 11-11:45 | Guest speaker
Dr. Mary Cleave
(stage) |
| 11:45-12 | SD Sky Divers |
| 12-12:45 | Children's Music
David Lee Brown
(stage) |
| 1-1:45 | Guest speaker
Dr. Mary Cleave
(stage) |
| 2-2:45 | Music-Stephen Marq
(stage) |



U.S. Geological Survey EROS Data Center is located 16 miles north and east of Sioux Falls. To get there, take Interstate 90 to exit 402, go north 10 miles on Highway 121 and one mile

east, or from Interstate 29, exit 96, east six miles on County Road 114, then south on Highway 121 three miles to 252nd Street, and one mile east. *Submitted photo*

Former astronaut to speak at celebration

Dr. Mary L. Cleave will speak at the 25th anniversary celebration of USGS EROS Data Center Saturday. She will give two talks, at 11 a.m. and at 1 p.m.

Cleave is the manager of the sea-viewing wide field-of-view

sensor project in the Laboratory for Hydrospheric Processes in the Earth Sciences Directorate at the NASA Goddard Space Flight Center in Greenbelt, Md.

She served as a mission specialist on two space shuttle

missions, STS-61/B in November 1985 and ITS-30 in May 1989.

During ITS-30, she deployed the Magellan Venus exploration spacecraft which subsequently mapped almost the entire surface of Venus starting in August 1991.

DR
10/14/95
Brandon
Valley
Challenger