



*Landsat file*

# Landsat World Update

Volume 1, Number 14

September 26, 1988

**LANDSAT PROGRAM STATUS** - Landsat 4 and 5 continue to operate nominally. The Enhanced Thematic Mapper (ETM) sensor for Landsat 6 will be ready for delivery from Hughes Santa Barbara Research Center (SBRC) in May, 1990, for integration with Landsat systems and spacecraft. A Critical Design Review for the ETM sensor was held September 13-14 at SBRC in Goleta, California.

Senate/House Appropriations Subcommittees began conferences concerning FY 89 budgets the week of September 19. According to a recent advisory from NOAA, EOSAT has been instructed to operate Landsats 4 and 5 on \$6.5 million during FY 89 -- sufficient for 6-7 months only with major staff reductions and NASA support. NOAA would retain the remaining \$2.9 million provided for by congressional appropriations.

**LANDSAT IMAGES FOR YELLOWSTONE FIRE ASSESSMENT AVAILABLE FROM EOSAT** - EOSAT, in cooperation with the Canadian Center for Remote Sensing (CCRS), have collected data for Yellowstone National Park where fires destroyed **over one million acres** of forest land during July, August and September. The data are particularly useful to users for post-fire damage assessment. Landsat Thematic Mapper (TM) data is available for path 38, row 29, which covers the entire National Park region. TM data was collected over Yellowstone during the fires on 7/22/88, 8/7/88, 8/23/88, 9/8/88, 9/16/88 and 9/24/88. Landsat digital and photographic products are available from EOSAT Customer Services in Maryland at (800) 344-9933 or (301) 552-0537, or at the EROS Data Center at (800) 367-2801.

**NEW TDRSS SATELLITE OPENS MARKETS FOR EOSAT** - This week's launch of NASA's Tracking Data Relay Satellite (TDRS) aboard the Space Shuttle Discovery will provide the first transmission of Landsat Thematic Mapper (TM) data over many areas of the globe when it becomes operational approximately 31 days following deployment, and greatly expands the availability of EOSAT products. Data from regions located from approximately 65 degrees east to 160 degrees west longitude will be able to be collected directly by the U.S. receiving station in Lanham, Maryland through the TDRSS. **Hawaii, New Zealand and much of the Asian continent will be covered for the first time by Landsat TM .**

**THIRTEEN INTERNATIONAL STATIONS RECEIVING TM DATA** - The Republic of South Africa's National Institute for Communications Research, Satellite Remote Sensing Center, has announced that on September 14 they began collection of Landsat Thematic Mapper (TM) data at their Johannesburg receiving station. The receiving station upgrade, performed by SEP of Paris, France, makes **TM collection available for paths 158-182, and rows 63-86.**

**ARGENTINA EXPANDS REMOTE SENSING CAPABILITY** - Argentina's Comision Nacional de Investigaciones Especiales (CNIE) has resumed collection of Landsat Multispectral Scanner (MSS) data for a test period following the repair of their ground receiving facility in Mar Chiquita. The station has been inoperational since late 1985 due to antenna hardware problems.

**NEW HUGHES FACILITY COMPLETED** - Hughes Santa Barbara Research Center (SBRC), responsible for the design and development of Landsat sensor instruments, has completed a 280,000 square foot complex of seven buildings to support engineering and management for the development of state-of-the-art infrared detectors and systems. **Instruments for the Landsat 6 spacecraft will be the first sensors built in the new facilities.** On August 23, Congressman Robert J. Lagomarsino (R-CA) joined Hughes and SBRC executives in the official opening of the complex, named Hollister Business Park. Contact John Bowen at SBRC, (805) 562-2501.

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**CENTER FOR GEOGRAPHIC INFORMATION FORMED** - The National Science Foundation (NSF) has created a National Center for Geographic Information and Analysis (NCGIA). The three-member university consortium is made up of University of California, Santa Barbara (Physical Geography), State University of New York at Buffalo (Human Geography), and University of Maine at Orono (Engineering). NCGIA will undertake fundamental research on geographic information and analysis over a five-year period, with \$5.5 million funding. Additionally, the Center has received commitments in matching funds from hosting universities, and interest in collaborative projects and support from industry and government agencies. For more information, contact Jeffrey Norris at NSF, (202) 265-5202. (source: Washington Remote Sensing Letter, Vol. 8 No. 3)

**GEOSPECTRA OPENS WASHINGTON, DC OFFICE** - GeoSpectra Corporation, a remote sensing consulting, data processing and image interpretation firm, has opened a new office to support commercial and military applications in the Washington, D.C. area. The new office is located at 7927 Jones Branch Road, Suite 400, McLean, Virginia 22102-8980 USA. Contact Lee J. Nelson, Vice President, Marketing, (703) 749-1456. GeoSpectra, a leader in the geologic remote sensing field since 1974, is based in Ann Arbor, Michigan.

**REMOTE SENSING SHORT COURSE OFFERED** - The Centre for Remote Sensing, University of New South Wales, in conjunction with Unisearch, is offering a short course on vegetation mapping and ground data collection October 24-28, 1988. The five day course includes a field excursion to Orange, central New South Wales, for field analysis/verification. Total course cost is \$700, which includes accomodation, meals and transport from the University to Orange. To register, contact Dr. Dawn Williamson, Centre for Remote Sensing, University of New South Wales, PO Box 1, Kensington, NSW 2033 Australia by October 14.

**INDIANA SEEKS GIS MANAGER** - The Indiana Department of Natural Resources (DNR) is seeking a Geographic Information System Manager to implement and operate geographic databases, including the Indiana Wetlands Inventory. The manager will also handle training of staff in use of the system, and coordinate data base development with other state, federal and local agencies. A Bachelor's or Master's degree, plus experience in GIS, data base design and management, natural resources, geography or related data processing experience, is preferred. Send a completed resume by September 26, 1988, to: Rex C. Becker, MIS Director, Indiana Dept. of Natural Resources, State Office Bldg. Rm. 911A, 100 N. Senate Ave., Indianapolis, IN 46204 USA.

**MEDIA SEMINAR POSTPONED** - KRS Remote Sensing has postponed its two-day seminar for the media on the applications and issues of remote sensing from space, as announced in Update number 13. A new seminar date will be announced soon. Contact M. Richard Borda, Conference Coordinator, at (301) 772-7800.

**NEW VISIONS OF EARTH UPDATE** - In Update Number 12, the announcement of the Denver Museum of Natural History's "New Visions of Earth" exhibit referred to a working GIS system on the first level. The system was provided by the National Park Service, not the USDA Forest Service. Our regrets, and thanks, to the hardworking staff at the Park Service who provided the service. In addition, "New Visions of Earth" has been extended into December. Contact the Museum at (303) 370-6357.

*LANDSAT WORLD UPDATE* is a report to the earth remote sensing community. It contains timely information about the Landsat program, including the status of Landsats 4 and 5 and the progress of the next-generation satellite development program.

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