RAS-EDC Statistics

OCT 18 1991

United States Department of the Interior

GEOLOGICAL SURVEY
EROS Data Center
Sioux Falls, South Dakota 57198

IN REPLY REFER TO:
10-10

October 16, 1991

Memorandum

To: Distribution

From: Chief, Data Management, Data Services Branch

Subject: EROS Data Center Archive Statistics Report

Attached is the EROS Data Center Archive Statistics Report and Landsat International Data Base Summary for the FY91 fourth quarter.

Thomas M. Holm

Attachment

Distribution:

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EROS DATA CENTER
DATA ARCHIVE REPORT
October 11, 1991

PHOTOGRAPHIC DATA ARCHIVED AT EDC

A. Aerial Photography

1. Department of Interior

	ROLLS	FRAMES
USGS	17,246	2,568,813
NAPP/NHAP	6,656	1,029,506
BLM	625	124,992
BR	301	60,181
NPS	80	13,411
BIA	49	9,913
Total	24,957	3,806,816

2. Department of Defense (DOD)

AMS	1,680	213,873
USAF	3,377	330,211
USN	6,321	431,167
COE	82	22,924
Total	11,460	998,175

3. NASA

AMES	3,936	511,388
JSC	7,622	1,009,763
Other	1,413	125,427
Total	12,971	1,646,578

4. Other Source Agencies	1,865	308,385
Total Aerial Photography	51,253	6,759,954

B. Satellite Data

1. Skylab	634	44,845
2. Apollo/Gemini/ Apollo-Soyuz	127	18,372
3. Space Shuttle (Inc. LFC)	903	84,489
Total Satellite Data	1,664	147,706

DIGITAL DATA ARCHIVED AT EDC

	Magnetic Tape
A. Aerial Image Data	
1. NASA Data	
TMS 8-Channel Data	653
TMS 12-Channel Data	502
TIMS 6-Channel Data	202
M2S 11-Channel Data	77
AOCI 10-Channel Data	16
2. National Park Service	93
3. Side Look Airborne (SLAR)	1,460
Total	3,003
B. Satellite Image Data	
1. AVHRR	
EDC-HRPT Data	9,601
LAC Data Received via DOMSAT	11,030
Data Received from Other Sources	3,109
2. Federally Owned Landsat Data (FOLD)	3,246
3. SPOT Data	281
4. DOD MSI Data	605
Total	27,872
C. NDCDB Data	
1. Digital Elevation Model (DEM)	76
2. 1:2 million Digital Line Graph (DLG)	8
Total	84
D. Earth Science Data	
National Uranium Resource Evaluation (NURE)	972
Geophysical Research Program	13
Total	985

LANDSAT DATA ARCHIVED AT EDC

		Rolls	Frames
A. Photographic Data			
1. 70 mm Film, L/S, 1,2,3		7,708	1,342,187
2. 9" B&W FIlm, MSS		9,382	1,281,660
3. 9" B&W Film, TM		2,968	177,118
4. Color Composites, MSS		N/A	18,161
5. Color Composites, TM		N/A	1,866
	Total	20,058	2,820,992

B. Digital Data	Magnetic Tape	HDT
1. MSS	12,867	14,529
2. TM	34,754	17,417*
Total	47,621	31,946

LANDSAT DATA REFERENCED IN EDC LANDSAT DATA BASE

A. Data Held in U.S. by EOSAT and/or EDC	Scenes
1. MSS/RBV	775,188
2. TM	176,037
Total	951,225

B. Data Held by Foreign Ground Stations	
1. Argentina	10,790
2. Australia	210,671
3. Brazil	85,889
4. Canada	529,507
5. Earthnet (Europe)	587,248
6. Italy	492,720
7. Japan	177,860
8. Pakistan	7,839
9. South Africa	65,857
10. Spain	26,903
Total	2,195,284

* HDT's archived in Lanham, Maryland (EOSAT).

SUMMARY OF DATA ARCHIVED AT EDC

PHOTOGRAPHIC DATA		FRAMES
Aerial		6,759,954
Satellite		147,706
Landsat		2,820,992
	Total	9,728,652

DIGITAL DATA		MAGNETIC TAPE	HDT
Aerial Image Data		3,003	-
Satellite		27,872	-
NDCDB		84	-
Earth Science Data		985	-
Landsat		47,621	31,946
	Total	79,565	31,946

LANDSAT INTERNATIONAL DATA BASE SUMMARY
AS OF 10/11/91

REFERENCES LANDSAT DATA ARCHIVED BY U.S. AND FOREIGN GROUND STATIONS

INPUT PROVIDED VIA LGSOWG DATA EXCHANGE FORMAT TAPE

COUNTRY	SCENES	LAST UPDATE	ACQUISITION DATE RANGE
USA	775,188 MSS 176,037 TM	DAILY	8/72 - 10/91 8/82 - 10/91
BRAZIL	60,146 MSS 25,743 TM	5/90 4/90	5/73 - 9/87 3/84 - 2/90
CANADA	423,543 MSS 105,964 TM	6/91 7/91	8/72 - 5/91 8/82 - 5/91
EARTHNET: ITALY SWEDEN	 379,293 MSS 113,427 TM 439,473 MSS 147,775 TM	 8/91 8/91 8/91 8/91	 4/75 - 6/91 4/84 - 6/91 5/78 - 6/91 4/84 - 6/91
MASPALOMAS (Spain)	23,918 MSS 2,985 TM	8/91 8/91	7/84 - 12/90 11/87 - 12/90
SOUTH AFRICA	57,397 MSS 8,460 TM	8/90 7/91	6/75 - 5/90 1/89 - 6/91
AUSTRALIA	210,671 MSS	9/91	9/79 - 8/91
ARGENTINA	10,790 MSS	5/87	9/80 - 8/84
JAPAN	133,031 MSS 44,829 TM	7/91 7/91	1/79 - 4/91 4/84 - 4/91
PAKISTAN	3,256 MSS 4,583 TM	6/90 6/90	5/89 - 12/89 5/89 - 12/89
TOTAL SCENES	2,516,706 MSS 629,803 TM 3,146,509		

(**2,195,284** = LGSOWG TOTAL SCENES/NON-EDC)

TO DATE, EDC HAS NOT RECEIVED INTERNATIONAL DATA BASE TAPE UPDATES FROM:
INDONESIA, THAILAND, PEOPLE'S REPUBLIC OF CHINA, SAUDI ARABIA, INDIA

NOTE: NUMBER OF MSS SCENES MAY INCLUDE RBV DATA