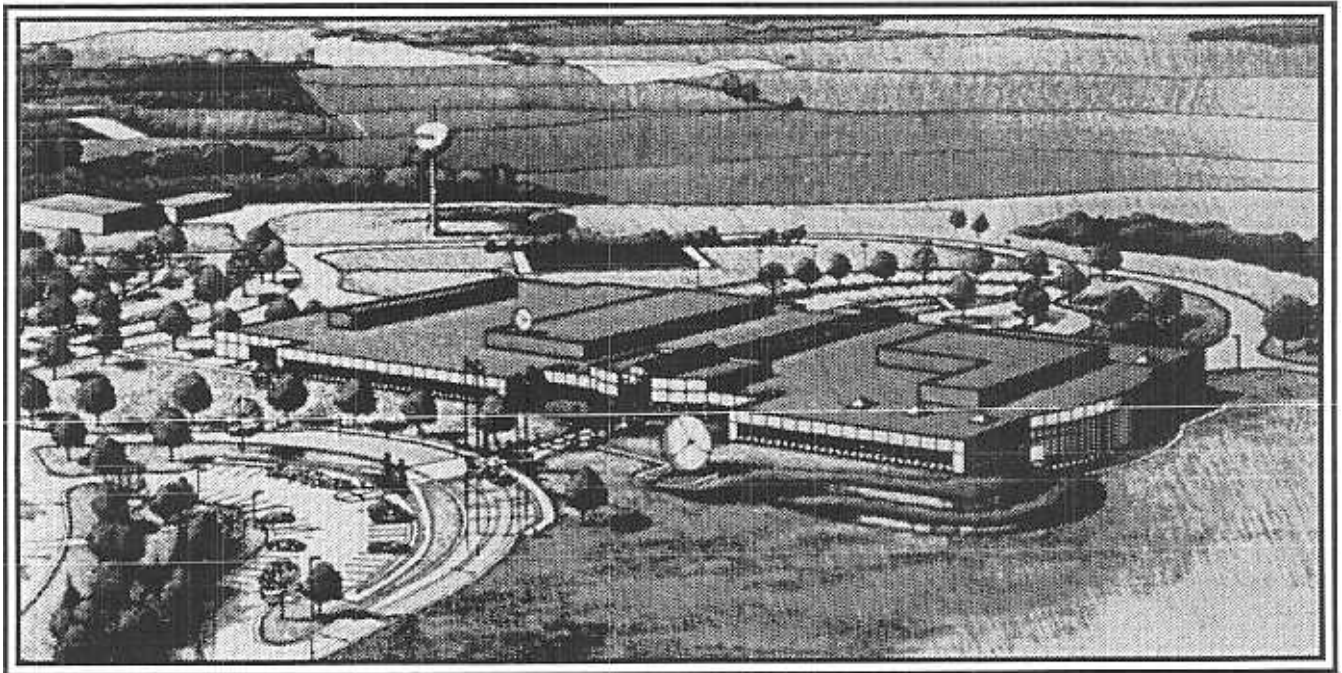

EROS Data Center Annual Report Of Data Services

Fiscal Year 1993



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Annual Report Of Data Services Fiscal Year 1993

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Section I

Products And Services

This section summarizes the sale and distribution of EDC products in fiscal year 1993, in which EDC produced and distributed over \$5.6 million worth of products and services. Of the total, \$2.67 million were direct repay sales and \$1.75 million were products and services provided through EDC cooperative repay projects, for a "reimbursable" total of over \$4.42 million. The remaining \$1.24 million were for products and services distributed to users within the U.S. Geological Survey, including EDC users, other National Mapping Division facilities, and other divisions of the USGS.

	<u>Items</u>	<u>Dollars</u>
Photographic Products	238,154	\$3,308,248
Digital Products/Processing	15,369	2,307,633
Reference Aids	N/A	22,051
Miscellaneous	971	21,184
TOTAL		

EDC Annual Sales Report Fiscal Year 1993

	DIRECT REPAY CUSTOMERS	EDC REPAY PROJECTS	USGS CUSTOMERS
PHOTOGRAPHIC DATA			
AERIAL IMAGES			
NAPP	\$1,390,599	\$ 109,021	\$ 621,170
SLAR	9,567	1,019	6,678
Other	465,360	997	21,162
SATELLITE IMAGES			
Landsat MSS/TM	47,042	75,652	1,932
AVHRR	4,935	18,084	5,260
Other	11,080	263	219
Digital Film Recorder Products	3,890	183,415	11,480
Other Photographic Data	40,637	131,457	147,329
TOTAL PHOTOGRAPHIC DATA	\$1,973,110	\$ 519,908	\$ 815,230
DIGITAL DATA PRODUCTS/PROCESSING			
Digital Data Processing	1,025	484,419	37,528
SLAR Images	2,896	96	400
Landsat MSS/TM Image Data	534,488	507,982	210,531
AVHRR Images	82,948	201,169	146,528
NDCDB Data	29,769	11,077	9,424
NURE Data	2,064	0	0
Other Digital Data	20,325	19,180	5,784
TOTAL DIGITAL DATA/PROCESSING	\$ 673,515	\$ 1,223,923	\$ 410,195
MISCELLANEOUS			
Reference Aids	13,616	1,175	7,260
Other Products and Services	14,650	2,499	4,035
TOTAL MISCELLANEOUS	\$ 28,266	\$ 3,674	\$ 11,295
GRAND TOTAL	\$2,674,891	\$1,747,505	\$1,236,720
Satellite Data Brokerage Fees	\$ 107,056	\$ 41,061	\$ 343

**EDC Data Distribution/Services
Fiscal Year 1993
(# of Items)**

	DIRECT REPAY CUSTOMERS	EDC REPAY PROJECTS	USGS CUSTOMERS
PHOTOGRAPHIC DATA			
AERIAL IMAGES			
NAPP	71,937	18,028	96,286
SLAR	124	17	108
Other	28,372	106	2,839
SATELLITE IMAGES			
Landsat MSS/TM	2,709	1,065	128
AVHRR	149	1,069	124
Other	1,546	11	41
Digital Film Recorder Products	35	1,299	89
Other Photographic Data	2,570	3,566	5,936
TOTAL PHOTOGRAPHIC DATA	107,442	25,161	105,551
DIGITAL DATA PRODUCTS/PROCESSING			
Digital Data Processing	9	1,168	39
SLAR Images	87	3	11
Landsat MSS/TM Image Data	2,699	2,809	1,083
AVHRR Images	1,255	1,387	1,042
NDCDB Data	2,902	178	295
NURE Data	23	0	0
Other Digital Data	168	122	89
TOTAL DIGITAL DATA/PROCESSING	7,143	5,667	2,559
MISCELLANEOUS			
Other Products and Services	538	164	269
GRAND TOTAL	115,123	30,992	108,379

Customer Profile

EDC Digital Data Products & Processing

Fiscal Year 1993

Digital Data Products

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	7,019	\$1,112,171
OTHER FEDERAL	840	64,627
TOTAL FED. GOV'T.	7,859	1,176,798
STATE/LOCAL GOV'T.	176	5,534
ACADEMIA	1,406	83,817
INDUSTRY	3,701	412,880
INDIVIDUALS	420	25,390
NON-U.S.	591	80,242
TOTAL	14,153	\$1,784,661

Digital Data Processing

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	1,207	\$521,947
OTHER FEDERAL	0	0
TOTAL FED. GOV'T.	1,207	521,947
STATE/LOCAL GOV'T.	1	100
ACADEMIA	8	925
INDUSTRY	0	0
INDIVIDUALS	0	0
NON-U.S.	0	0
TOTAL	1,216	\$522,972

Customer Profile

EDC Photographic Products

Fiscal Year 1993

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	130,712	\$1,335,138
OTHER FEDERAL	<u>27,961</u>	<u>494,836</u>
TOTAL FED. GOV'T.	158,673	1,829,974
STATE/LOCAL GOV'T.	13,341	127,074
ACADEMIA	9,763	122,654
INDUSTRY	41,282	904,696
INDIVIDUALS	13,570	261,707
NON-U.S.	1,525	17,143
TOTAL	<u>238,154</u>	<u>\$3,308,248</u>

Product Profile

EDC Photographic Products

Fiscal Year 1993

BLACK-AND-WHITE PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Film/Paper	90,385	\$ 659,457
10" Diapositives	77,554	556,296
20" Paper	4,414	88,075
30" Paper	1,059	33,430
40" Paper	3,301	137,054
Other	5,723	102,664
TOTAL	182,436	\$1,576,976
COLOR PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Film/Paper	35,271	\$ 910,040
10" Diapositives	72	198,868
20" Paper	3,783	99,337
30" Paper	1,655	318,638
40" Paper	4,156	1,452
Other	10,781	202,937
TOTAL	55,718	\$1,731,272
GRAND TOTAL PRODUCTS	238,154	\$3,308,248

National Aerial Photography Program (NAPP) Annual Activity Report

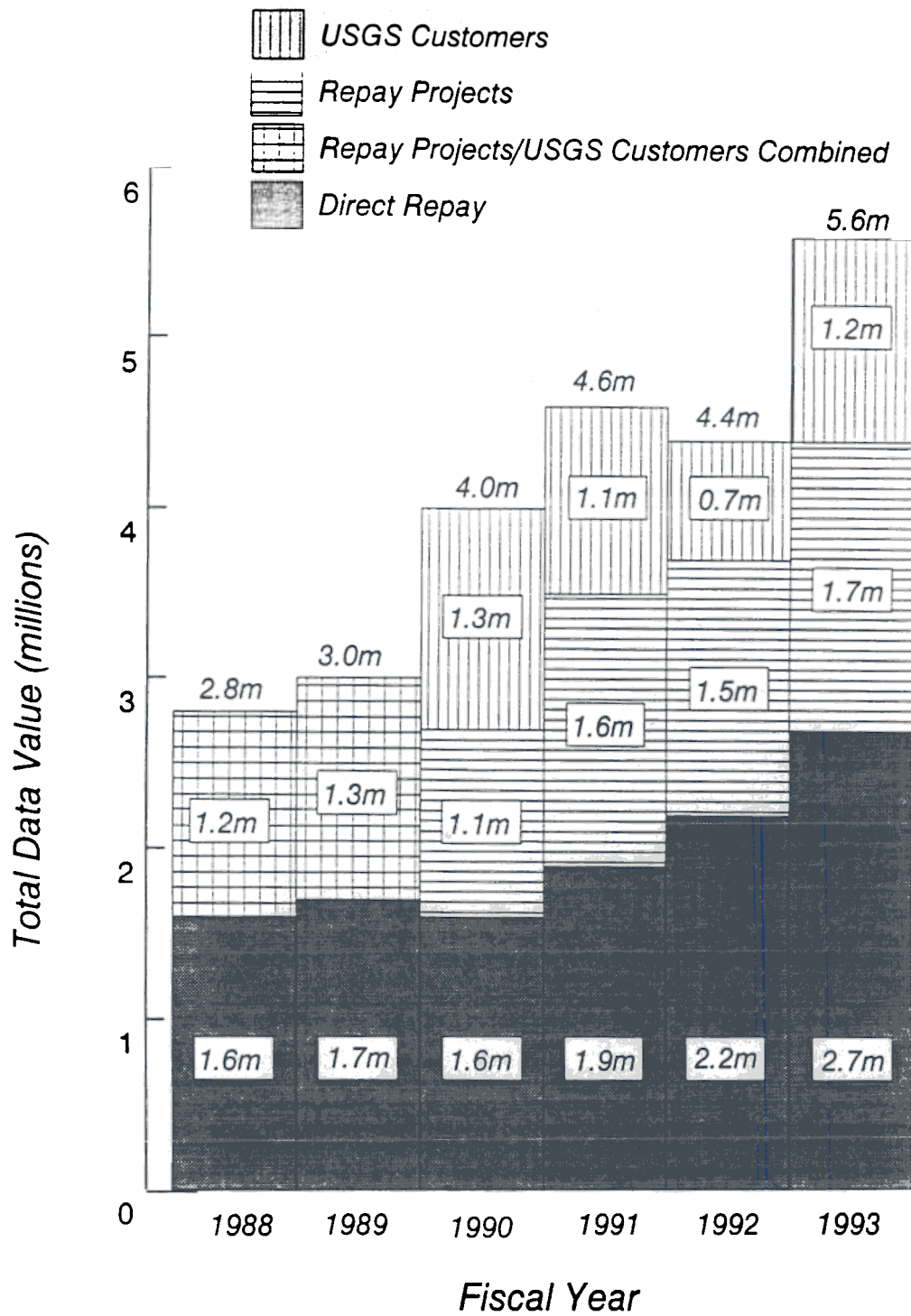
ACTIVITY	FY 1992	FY 1993
NUMBER OF FRAMES RECEIVED		
Black and White	82,264	109,014
Color Infrared	<u>15,852</u>	<u>9,954</u>
TOTAL	98,116	118,968
NUMBER OF MASTER FRAMES DUPLICATED		
Black and White	101,462	69,672
Color Infrared	<u>35,030</u>	<u>15,815</u>
TOTAL	136,492	85,487
COST TO EDC FOR DUPLICATION		
Black and White (\$3/frame)	304,386	209,016
Color Infrared (\$6/frame)	<u>210,180</u>	<u>94,890</u>
TOTAL	\$ 514,566	\$ 303,906
NUMBER OF FRAMES SOLD		
Black and White Film/Paper	102,719	149,750
Color Infrared Film/Paper	40,663	36,006
Other	<u>437</u>	<u>495</u>
TOTAL	143,819	186,251
NAPP PARTICIPANT PURCHASES		
Bureau of Land Management	45,702	10,282
Fish and Wildlife Service	7,184	38,204
Forest Service	53,298	24,394
National Park Service	0	128
Soil Conservation Service	16,806	35,652
State of Arizona	0	583
State of Georgia	0	8,492
State of Maine	4,370	7,133
State of Maryland	1,095	356
State of Massachusetts	0	480
State of Minnesota	10,453	9,310
State of Mississippi	0	5,492
State of Ohio	0	2,716
State of Pennsylvania	54,187	0
State of Vermont	0	29,950
State of Washington	860	610
State of Wisconsin	0	37,665
Tennessee Valley Authority	9,171	11,686
U.S. Geological Survey	<u>330,318</u>	<u>599,699</u>
TOTAL	\$ 533,444	\$ 842,832
PURCHASES BY ALL OTHERS	\$1,244,089	\$1,297,958
REVENUE FROM FRAMES SOLD		
Black and White Film/Paper	749,958	1,149,064
Color Infrared Film/Paper	1,026,099	969,863
Other	<u>1,476</u>	<u>1,863</u>
TOTAL	\$1,777,533	\$2,120,790

Section II

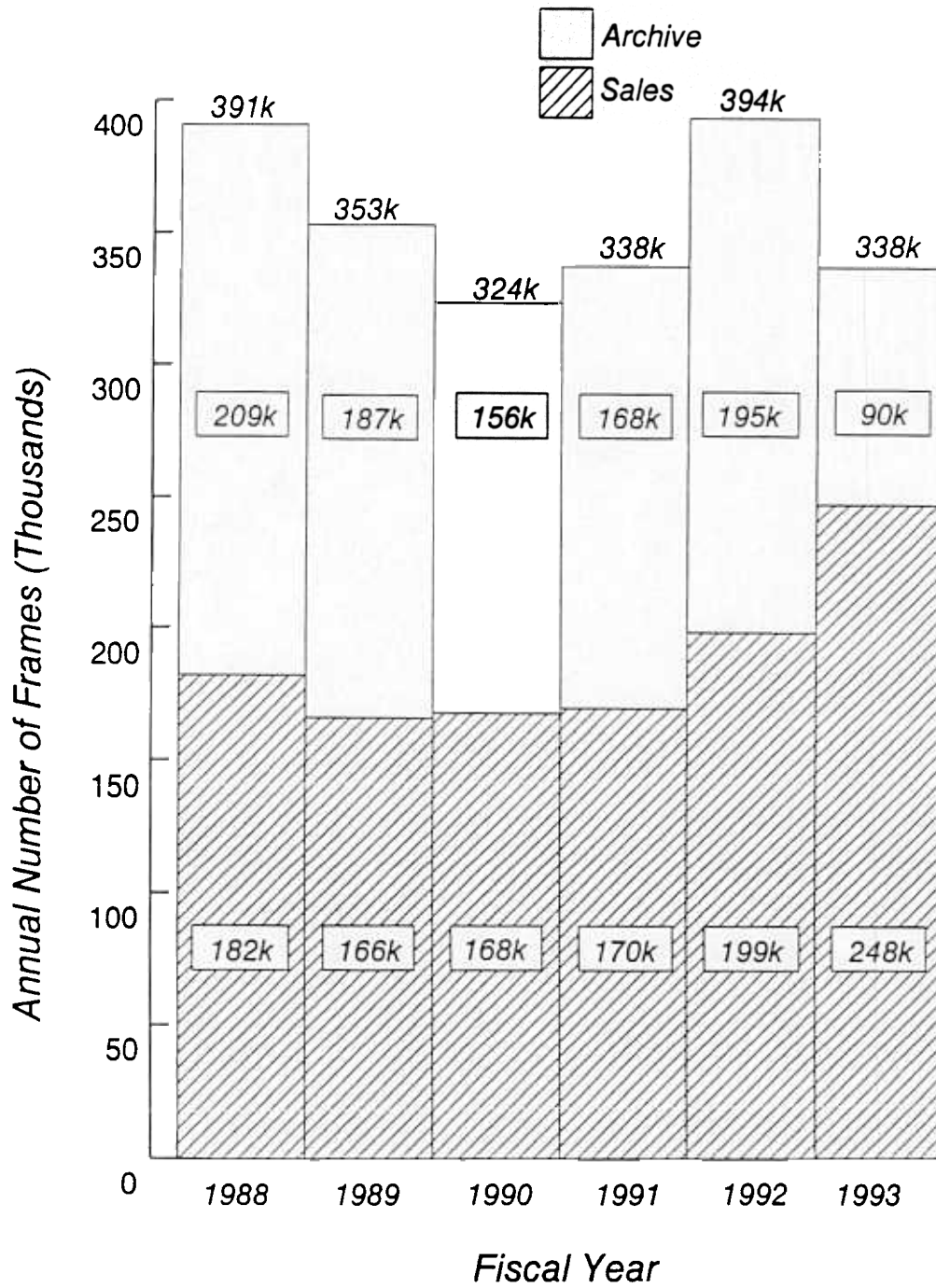
Historical Information

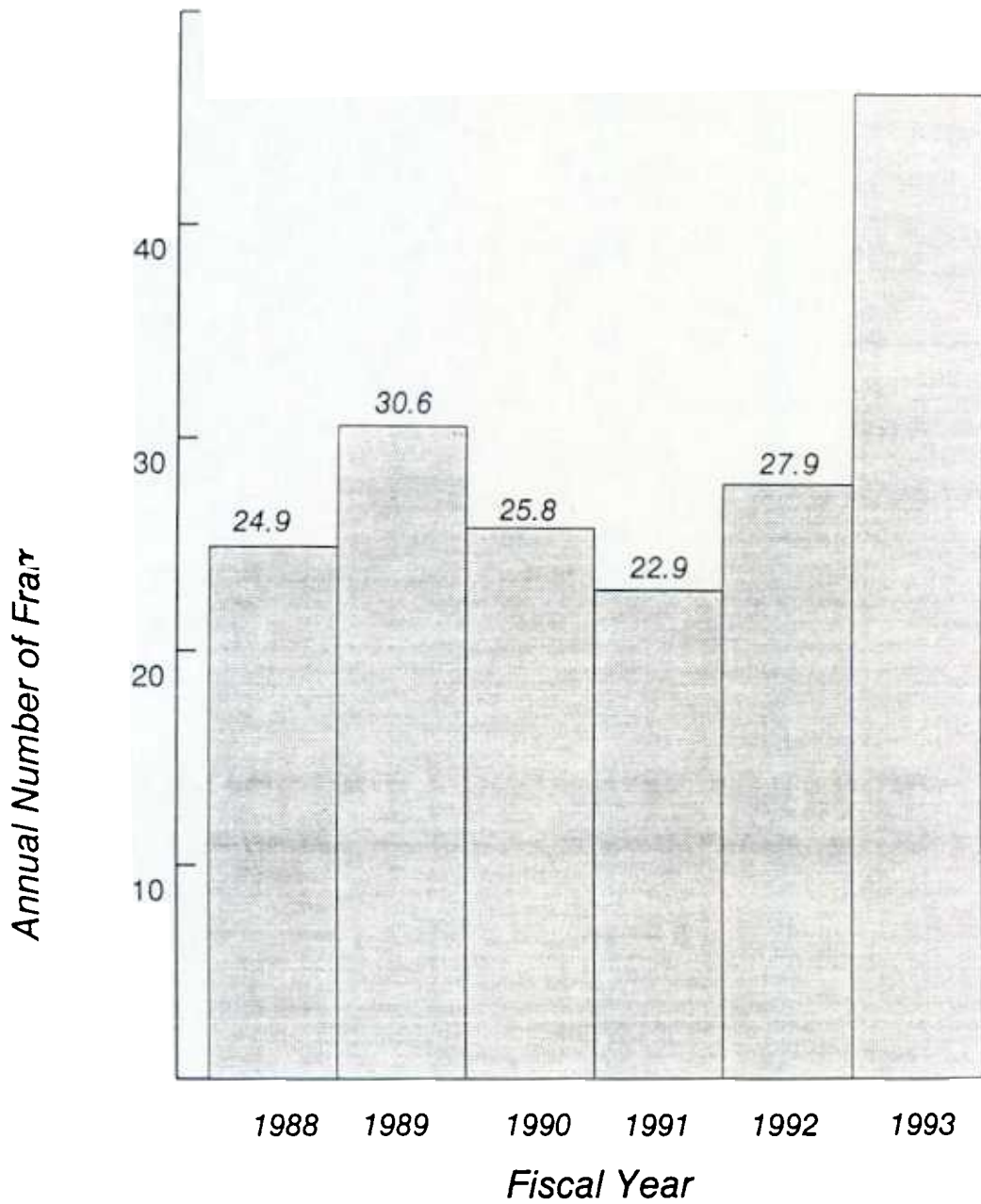
This section provides historical information on data produced and distributed by EDC from fiscal year 1973 through fiscal year 1993.

Total EDC Data Sales/Distribution

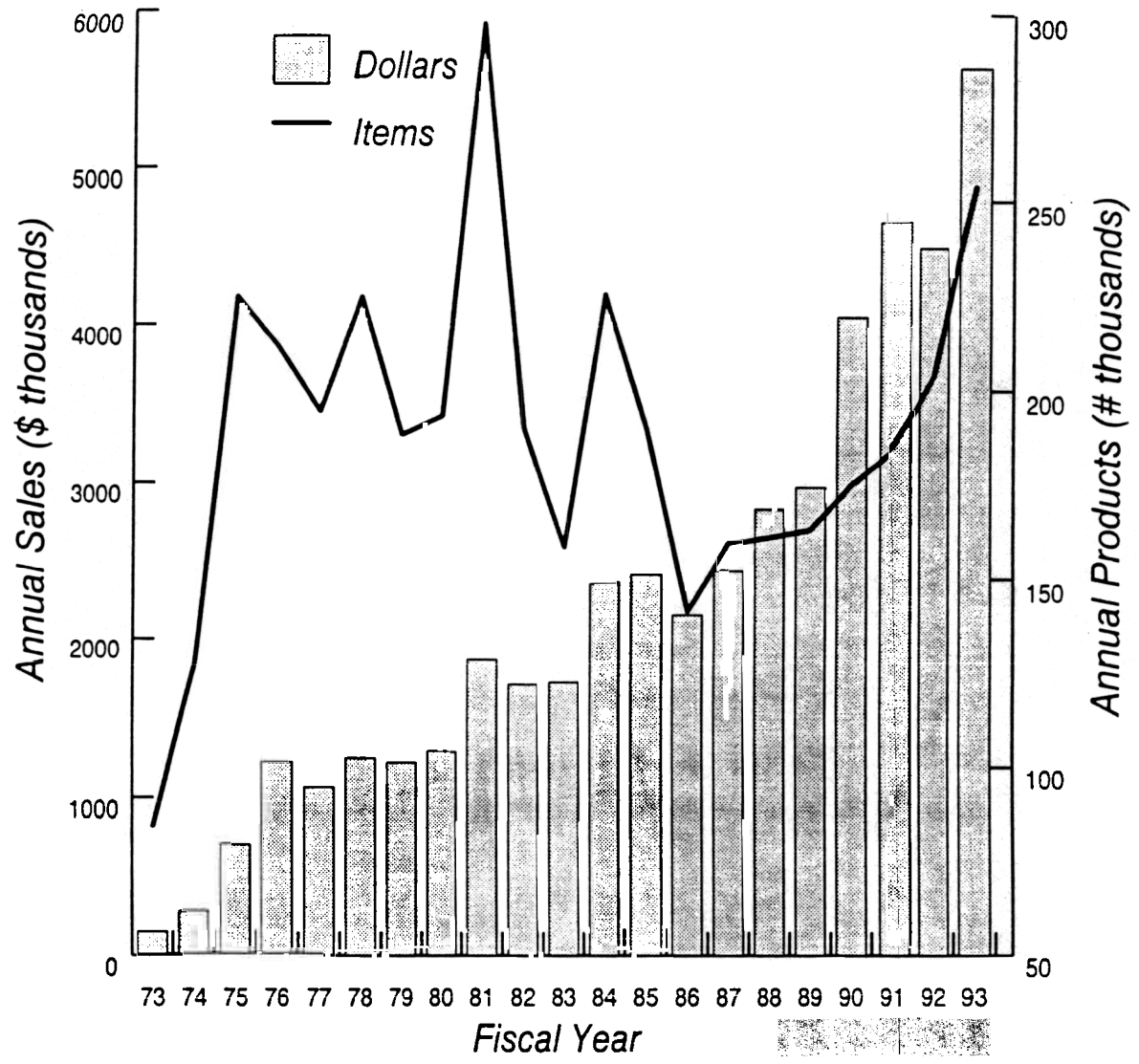


EDC Photographic Laboratory Workload

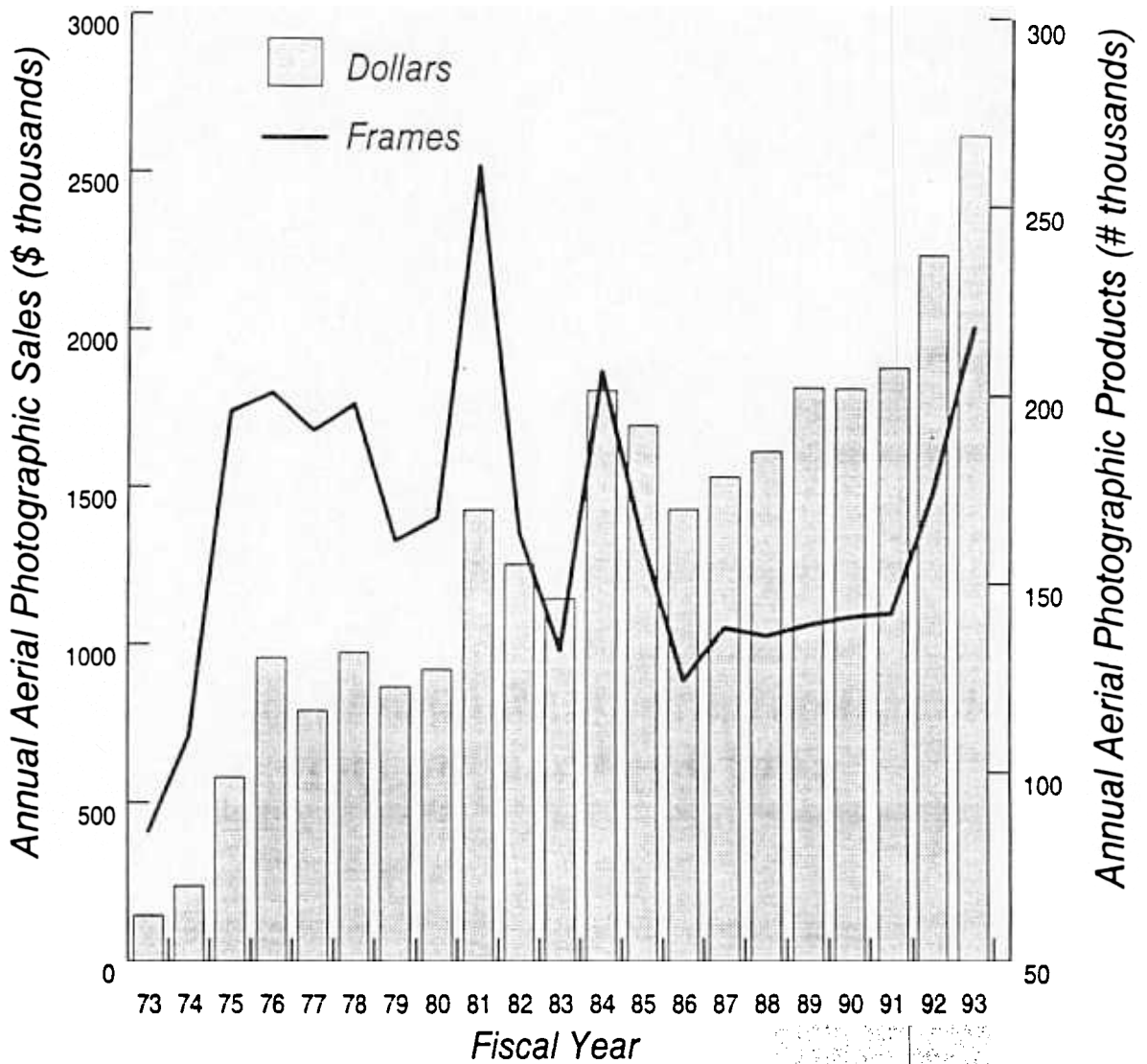


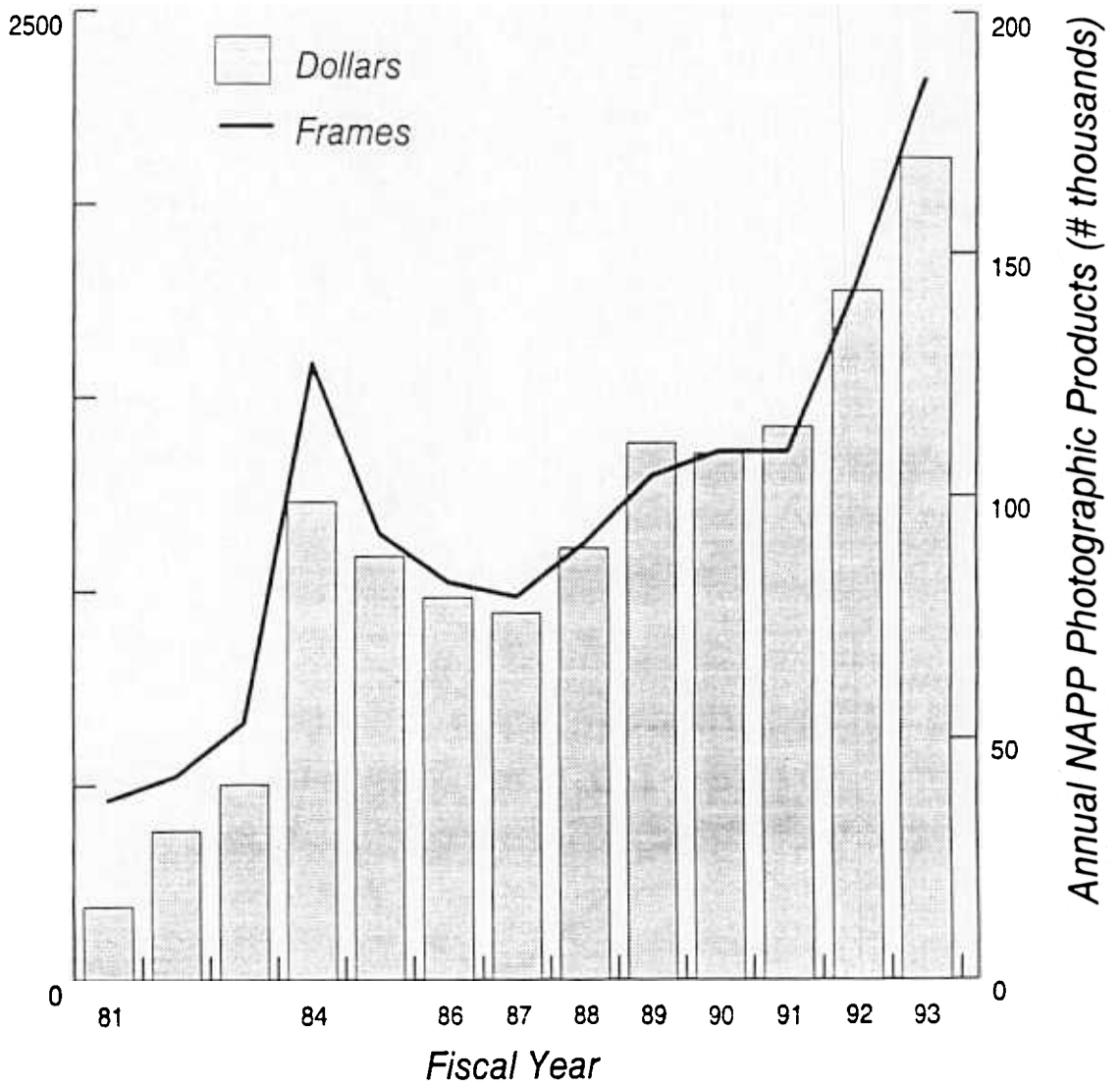


Historical EDC Sales Fiscal Year 1973-1993

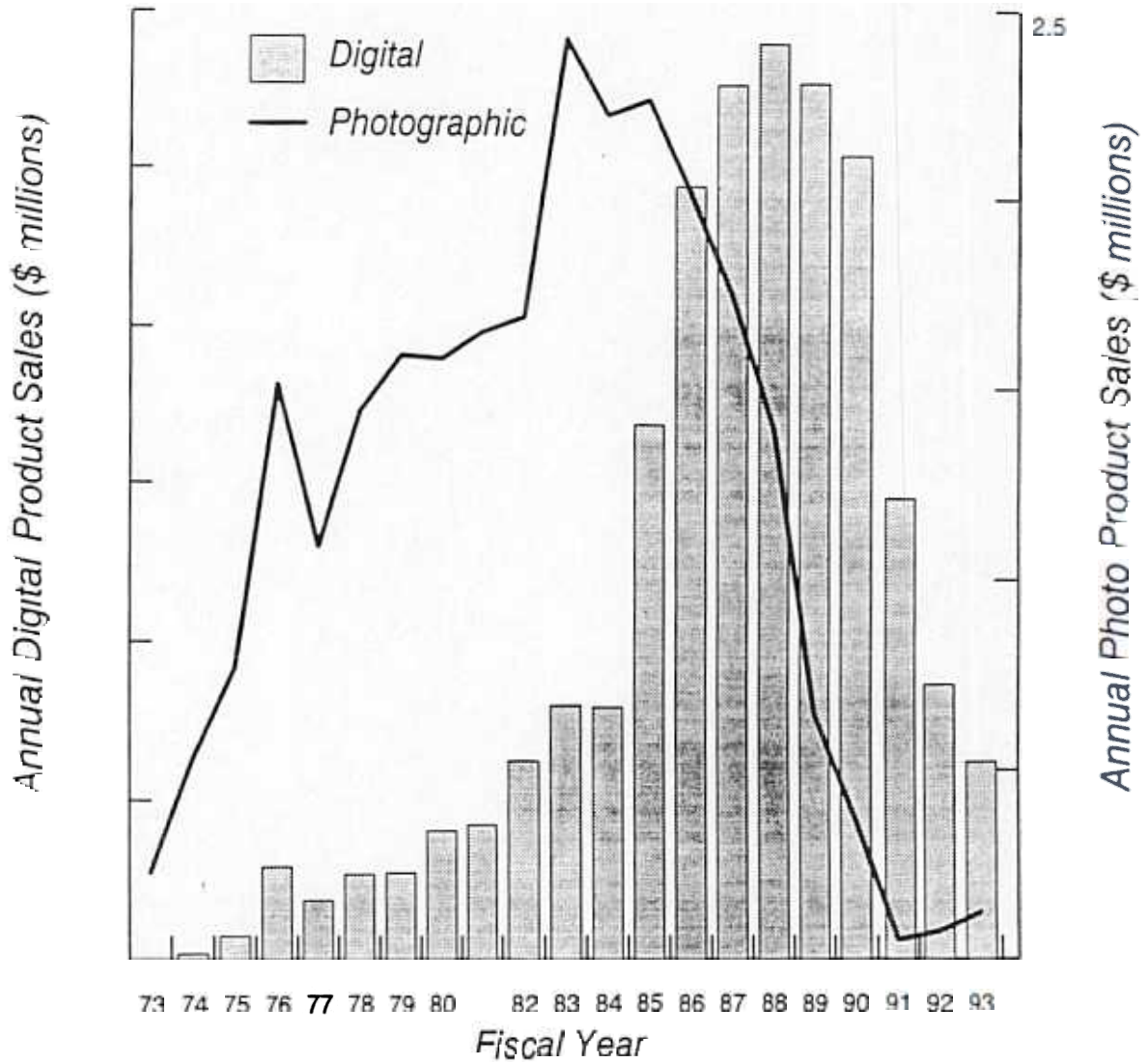


Historical Aerial Photographic Data Sales Fiscal Year 1973-1993

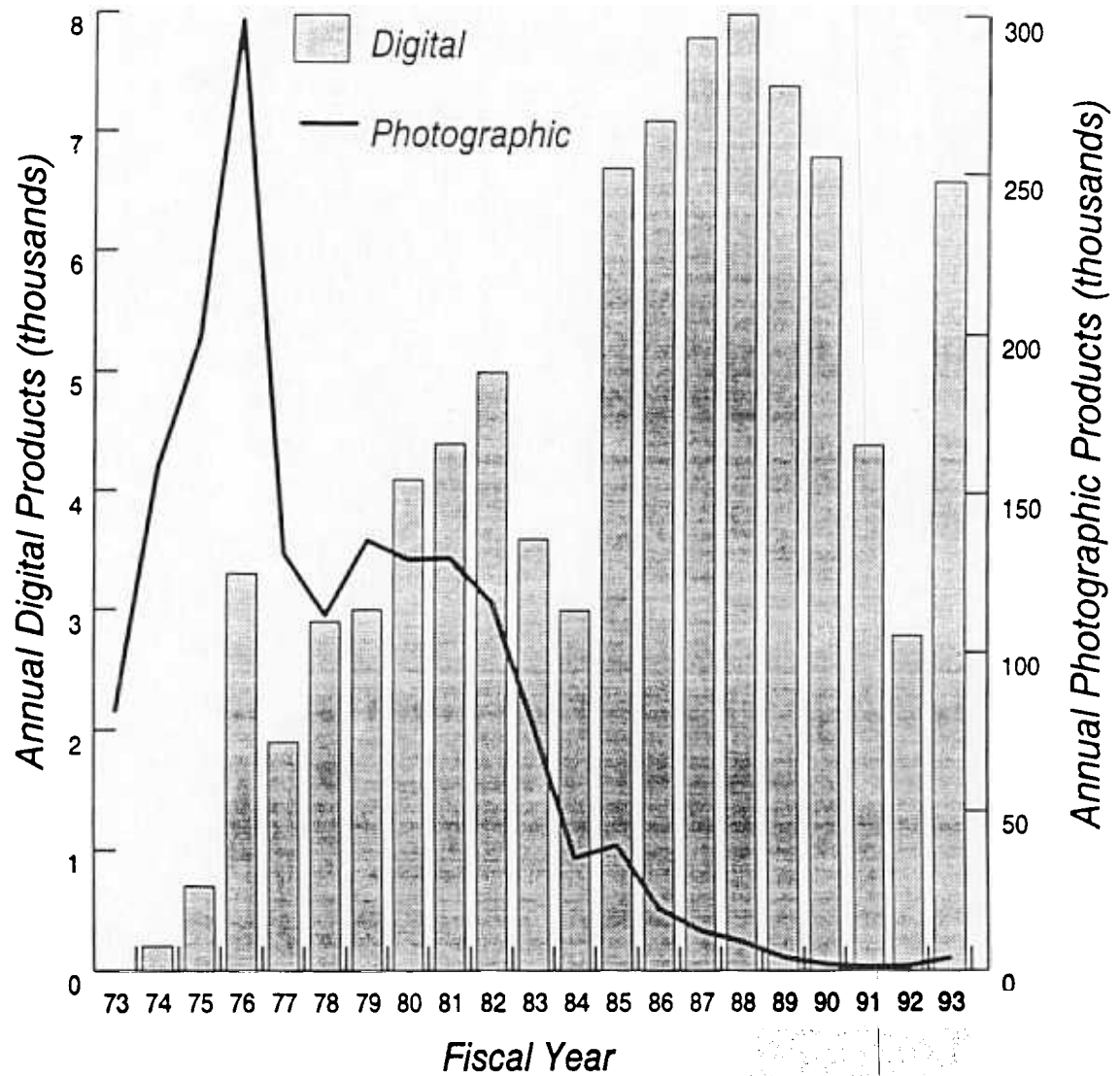




Historical Land Sales \$ Fiscal Year 973- 993



Historical Landsat Sales (# of items) Fiscal Year 1973-1993



Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1993	FEDERAL GOVERNMENT				
	USGS	117,384	54%	\$ 760,048	29%
	OTHER FEDERAL	26,225	12%	469,276	18%
	STATE/LOCAL GOV'T.	13,310	6%	171,412	7%
	ACADEMIA	9,132	4%	112,388	4%
	INDUSTRY	39,046	18%	865,603	33%
	INDIVIDUAL	12,425	6%	244,136	9%
	NON-U.S.	295	0%	2,710	0%
	TOTAL	217,817	100%	2,625,573	100%

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1989	FEDERAL GOVERNMENT				
	USGS	58,609	42%	\$ 476,317	26%
	OTHER FEDERAL	15,621	11%	211,280	12%
	STATE/LOCAL GOV'T.	10,114	7%	169,734	9%
	ACADEMIA	7,564	6%	94,837	5%
	INDUSTRY	34,711	25%	618,666	34%
	INDIVIDUAL	12,482	9%	250,228	14%
	NON-U.S.	598	0%	6,541	0%
	TOTAL	139,699	100%	\$1,827,603	100%
1990	FEDERAL GOVERNMENT				
	USGS	64,369	46%	\$ 490,424	27%
	OTHER FEDERAL	21,529	15%	257,865	14%
	STATE/LOCAL GOV'T.	3,941	3%	76,727	4%
	ACADEMIA	8,858	6%	128,345	7%
	INDUSTRY	30,478	22%	621,597	34%
	INDIVIDUAL	11,578	8%	239,968	13%
	NON-U.S.	685	0%	6,122	1%
	TOTAL	141,438	100%	\$1,821,048	100%
1991	FEDERAL GOVERNMENT				
	USGS	58,296	41%	\$ 368,897	19%
	OTHER FEDERAL	23,727	17%	333,081	18%
	STATE/LOCAL GOV'T.	7,751	5%	125,253	7%
	ACADEMIA	8,397	6%	116,438	6%
	INDUSTRY	32,243	23%	724,463	38%
	INDIVIDUAL	10,321	7%	206,769	11%
	NON-U.S.	1,470	1%	12,837	1%
	TOTAL	142,205	100%	\$1,887,738	100%
1992	FEDERAL GOVERNMENT				
	USGS	60,706	35%	\$ 384,167	17%
	OTHER FEDERAL	30,491	18%	457,212	21%
	STATE/LOCAL GOV'T.	21,402	12%	210,451	9%
	ACADEMIA	11,173	6%	133,310	6%
	INDUSTRY	36,702	21%	815,602	36%
	INDIVIDUAL	12,153	7%	235,777	11%
	NON-U.S.	994	1%	7,918	0%
	TOTAL	173,621	100%	\$2,244,437	100%

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1985	FEDERAL GOVERNMENT				
	USGS	65,311	41%	\$ 466,099	27%
	OTHER FEDERAL	26,172	16%	324,603	19%
	STATE/LOCAL GOV'T.	5,500	3%	87,348	5%
	ACADEMIA	10,126	6%	98,878	6%
	INDUSTRY	39,444	25%	537,464	32%
	INDIVIDUAL	12,646	8%	174,386	10%
	NON-U.S.	1,816	1%	11,087	1%
TOTAL		161,015	100%	\$1,699,865	100%
1986	FEDERAL GOVERNMENT				
	USGS	44,178	36%	\$ 339,818	24%
	OTHER FEDERAL	16,487	13%	222,072	16%
	STATE/LOCAL GOV'T.	5,197	4%	102,840	7%
	ACADEMIA	9,278	8%	84,200	6%
	INDUSTRY	39,081	32%	532,502	37%
	INDIVIDUAL	9,015	7%	149,631	10%
	NON-U.S.	282	0%	3,260	0%
TOTAL		123,518	100%	\$1,434,323	100%
1987	FEDERAL GOVERNMENT				
	USGS	62,512	45%	\$ 461,300	30%
	OTHER FEDERAL	20,977	15%	246,573	16%
	STATE/LOCAL GOV'T.	5,545	4%	81,457	5%
	ACADEMIA	11,270	8%	113,052	7%
	INDUSTRY	26,929	20%	457,368	30%
	INDIVIDUAL	10,108	7%	170,686	11%
	NON-U.S.	853	1%	8,243	1%
TOTAL		138,194	100%	\$1,538,679	100%
1988	FEDERAL GOVERNMENT				
	USGS	51,962	38%	\$ 434,463	27%
	OTHER FEDERAL	24,252	18%	293,599	18%
	STATE/LOCAL GOV'T.	5,641	4%	71,849	5%
	ACADEMIA	8,804	7%	93,193	6%
	INDUSTRY	33,223	24%	508,406	31%
	INDIVIDUAL	11,113	8%	211,341	13%
	NON-U.S.	785	1%	6,494	0%
TOTAL		135,780	100%	\$1,619,345	100%

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1981	FEDERAL GOVERNMENT	125,533	48%	\$ 587,373	41%
	STATE/LOCAL GOV'T.	8,735	3%	54,140	4%
	ACADEMIA	20,270	8%	113,880	8%
	INDUSTRY	78,568	30%	487,839	34%
	INDIVIDUAL	22,979	9%	172,825	12%
	NON-U.S.	3,739	2%	13,937	1%
	TOTAL		259,824	100%	\$1,429,994
1982	FEDERAL GOVERNMENT	82,360	51%	\$ 528,020	42%
	STATE/LOCAL GOV'T.	6,728	4%	41,799	3%
	ACADEMIA	11,622	7%	100,712	8%
	INDUSTRY	45,837	28%	424,905	34%
	INDIVIDUAL	14,639	9%	147,509	12%
	NON-U.S.	1,635	1%	14,058	1%
	TOTAL		162,821	100%	\$1,257,003
1983	FEDERAL GOVERNMENT	73,664	56%	\$517,153	45%
	STATE/LOCAL GOV'T.	3,718	3%	48,505	4%
	ACADEMIA	10,003	8%	84,094	7%
	INDUSTRY	32,806	25%	359,879	31%
	INDIVIDUAL	10,949	8%	131,244	12%
	NON-U.S.	682	0%	5,791	1%
	TOTAL		131,822	100%	\$1,147,666
1984	FEDERAL GOVERNMENT				
	USGS	78,526	38%	\$ 601,702	33%
	OTHER FEDERAL	26,386	13%	213,783	12%
	STATE/LOCAL GOV'T.	7,992	4%	157,336	9%
	ACADEMIA	11,517	5%	102,772	5%
	INDUSTRY	67,327	33%	560,185	31%
	INDIVIDUAL	12,728	6%	163,716	9%
	NON-U.S.	1,769	1%	12,891	1%
TOTAL		206,245	100%	\$1,812,385	100%

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1977	FEDERAL GOVERNMENT	104,475	55%	\$ 330,145	42%
	NASA INVESTIGATORS	2,010	1%	10,629	1%
	STATE/LOCAL GOV'T.	13,562	7%	47,483	6%
	ACADEMIA	11,670	6%	68,162	9%
	INDUSTRY	44,757	24%	235,600	30%
	INDIVIDUAL	12,763	7%	92,175	12%
	NON-U.S.	934	0%	3,500	0%
	UNCATEGORIZED	300	0%	1,091	0%
	TOTAL	190,471	100%	\$ 788,785	100%
1978	FEDERAL GOVERNMENT	97,355	50%	\$ 446,387	46%
	NASA INVESTIGATORS	792	0%	2,611	0%
	STATE/LOCAL GOV'T.	3,840	2%	23,854	3%
	ACADEMIA	17,176	9%	81,049	8%
	INDUSTRY	61,752	31%	317,644	33%
	INDIVIDUAL	13,179	7%	91,198	9%
	NON-U.S.	2,781	1%	11,098	1%
		TOTAL	196,875	100%	\$ 973,841
1979	FEDERAL GOVERNMENT	76,731	48%	\$ 358,866	42%
	STATE/LOCAL GOV'T.	5,450	3%	33,949	4%
	ACADEMIA	15,451	10%	74,305	8%
	INDUSTRY	49,976	31%	300,376	35%
	INDIVIDUAL	13,298	8%	96,885	11%
	NON-U.S.	415	0%	1,963	0%
		TOTAL	161,321	100%	\$ 866,344
1980	FEDERAL GOVERNMENT	55,217	33%	\$ 286,055	31%
	STATE/LOCAL GOV'T.	6,208	4%	38,091	4%
	ACADEMIA	28,676	17%	118,700	13%
	INDUSTRY	56,067	34%	340,509	37%
	INDIVIDUAL	19,383	11%	133,347	14%
	NON-U.S.	1,088	1%	5,567	1%
		TOTAL	166,639	100%	\$ 922,269

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1973	FEDERAL GOVERNMENT	19,339	23%	\$ 44,664	31%
	STATE/LOCAL GOV'T.	33,563	40%	33,988	24%
	ACADEMIA	8,139	10%	16,471	11%
	INDUSTRY	14,086	17%	28,883	20%
	INDIVIDUAL	6,215	7%	15,158	10%
	NON-U.S.	2,590	3%	5,465	4%
	UNCATEGORIZED	10	0%	47	0%
	TOTAL	83,942	100%	\$144,676	100%
1974	FEDERAL GOVERNMENT	16,544	15%	\$ 47,848	20%
	STATE/LOCAL GOV'T.	3,618	3%	10,592	5%
	ACADEMIA	14,168	13%	38,617	16%
	INDUSTRY	63,953	58%	108,803	46%
	INDIVIDUAL	7,817	7%	24,702	10%
	NON-U.S.	1,759	2%	3,550	2%
	UNCATEGORIZED	1,631	2%	3,220	1%
	TOTAL	109,490	100%	\$237,332	100%
1975	FEDERAL GOVERNMENT	75,992	39%	\$229,876	40%
	STATE/LOCAL GOV'T.	4,821	2%	18,726	3%
	ACADEMIA	28,447	15%	90,031	15%
	INDUSTRY	72,477	37%	185,871	32%
	INDIVIDUAL	9,914	5%	45,595	8%
	NON-U.S.	2,287	1%	4,917	1%
	UNCATEGORIZED	1,054	1%	3,621	1%
	TOTAL	194,922	100%	\$578,637	100%
1976 (15 MONTHS)	FEDERAL GOVERNMENT	89,625	45%	\$364,524	38%
	NASA INVESTIGATORS	11,551	6%	69,892	7%
	STATE/LOCAL GOV'T.	13,633	7%	59,556	6%
	ACADEMIA	16,521	8%	84,460	9%
	INDUSTRY	45,400	23%	231,120	24%
	INDIVIDUAL	19,945	10%	132,882	14%
	NON-U.S.	2,003	1%	8,360	1%
	UNCATEGORIZED	1,510	0%	5,396	1%
TOTAL	200,188	100%	\$956,190	100%	

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1991	FEDERAL GOVERNMENT				
	USGS	9	0%	\$ 10,060	0%
	OTHER FEDERAL	3,188	73%	2,283,646	79%
	STATE/LOCAL GOV'T.	30	1%	13,046	0%
	ACADEMIA	189	4%	61,810	2%
	INDUSTRY	781	18%	423,110	15%
	INDIVIDUAL	2	0%	850	0%
	NON-U.S.	195	4%	112,870	4%
	TOTAL	4,394	100%	\$2,905,392	100%
1992	FEDERAL GOVERNMENT				
	USGS	30	1%	\$ 28,590	2%
	OTHER FEDERAL	1,895	69%	1,389,650	80%
	STATE/LOCAL GOV'T.	14	1%	7,600	0%
	ACADEMIA	176	6%	50,700	3%
	INDUSTRY	460	17%	203,620	12%
	INDIVIDUAL	11	0%	1,850	0%
	NON-U.S.	173	6%	56,800	3%
	TOTAL	2,759	100%	\$1,738,810	100%
1993	FEDERAL GOVERNMENT				
	USGS	3,892	59%	\$ 718,513	58%
	OTHER FEDERAL	237	4%	28,730	2%
	STATE/LOCAL GOV'T.	10	0%	1,700	0%
	ACADEMIA	315	5%	53,628	4%
	INDUSTRY	1,639	25%	359,150	29%
	INDIVIDUAL	90	1%	16,030	1%
	NON-U.S.	408	6%	75,250	6%
	TOTAL	6,591	100%	\$1,253,001	100%

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1987	FEDERAL GOVERNMENT				
	USGS	182	2%	\$ 153,360	3%
	OTHER FEDERAL	4,216	54%	2,803,240	51%
	STATE/LOCAL GOV'T.	162	2%	128,670	2%
	ACADEMIA	340	4%	243,332	4%
	INDUSTRY	1,524	20%	1,082,350	20%
	INDIVIDUAL	27	0%	24,140	0%
	NON-U.S.	1,391	18%	1,085,580	20%
	TOTAL	7,842	100%	\$5,520,672	100%
1988	FEDERAL GOVERNMENT				
	USGS	281	3%	\$ 199,970	4%
	OTHER FEDERAL	4,632	58%	3,140,940	54%
	STATE/LOCAL GOV'T.	68	1%	51,580	1%
	ACADEMIA	379	5%	276,500	5%
	INDUSTRY	1,585	20%	1,283,440	22%
	INDIVIDUAL	18	0%	17,000	0%
	NON-U.S.	1,029	13%	818,240	14%
	TOTAL	7,992	100%	\$5,787,670	100%
1989	FEDERAL GOVERNMENT				
	USGS	272	4%	\$ 182,790	3%
	OTHER FEDERAL	3,701	50%	2,522,190	46%
	STATE/LOCAL GOV'T.	96	1%	72,480	1%
	ACADEMIA	286	4%	239,640	5%
	INDUSTRY	1,814	25%	1,540,350	28%
	INDIVIDUAL	23	0%	20,610	0%
	NON-U.S.	1,182	16%	953,860	17%
	TOTAL	7,374	100%	\$5,531,920	100%
1990	FEDERAL GOVERNMENT				
	USGS	157	2%	\$ 124,600	3%
	OTHER FEDERAL	4,134	62%	2,758,342	54%
	STATE/LOCAL GOV'T.	101	1%	82,600	2%
	ACADEMIA	248	4%	216,770	4%
	INDUSTRY	1,181	17%	1,048,408	21%
	INDIVIDUAL	6	0%	4,850	0%
	NON-U.S.	925	14%	836,810	16%
	TOTAL	6,752	100%	\$5,072,380	100%

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1983	FEDERAL GOVERNMENT	1,091	30%	\$ 480,865	30%
	STATE/LOCAL GOV'T.	159	5%	65,410	4%
	ACADEMIA	326	9%	123,820	8%
	INDUSTRY	1,016	28%	473,860	30%
	INDIVIDUAL	11	0%	6,330	0%
	NON-U.S.	996	28%	452,500	28%
	TOTAL	3,599	100%	\$1,601,985	100%
1984	FEDERAL GOVERNMENT	1,474	48%	\$ 553,240	35%
	STATE/LOCAL GOV'T.	73	2%	50,950	3%
	ACADEMIA	291	10%	80,125	5%
	INDUSTRY	601	20%	493,075	31%
	INDIVIDUAL	28	1%	15,180	1%
	NON-U.S.	575	19%	398,305	25%
	TOTAL	3,042	100%	\$1,590,875	100%
1985	FEDERAL GOVERNMENT	4,135	62%	\$1,300,390	39%
	STATE/LOCAL GOV'T.	120	2%	105,560	3%
	ACADEMIA	209	3%	142,085	4%
	INDUSTRY	1,484	22%	1,227,680	36%
	INDIVIDUAL	22	0%	16,960	1%
	NON-U.S.	734	11%	579,760	17%
	TOTAL	6,704	100%	\$3,372,435	100%
1986	FEDERAL GOVERNMENT				
	USGS	166	3%	\$ 133,110	3%
	OTHER FEDERAL	4,069	57%	2,549,310	52%
	STATE/LOCAL GOV'T.	61	1%	37,890	1%
	ACADEMIA	216	3%	136,810	3%
	INDUSTRY	1,416	20%	1,154,685	24%
	INDIVIDUAL	84	1%	31,030	0%
	NON-U.S.	1,088	15%	833,465	17%
TOTAL	7,100	100%	\$4,876,300	100%	

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1979	FEDERAL GOVERNMENT	719	24%	\$ 117,250	21%
	STATE/LOCAL GOV'T.	25	1%	3,900	1%
	ACADEMIA	406	14%	75,800	14%
	INDUSTRY	752	25%	142,600	26%
	INDIVIDUAL	49	2%	9,200	2%
	NON-U.S.	1,031	34%	194,950	36%
	TOTAL	2,982	100%	\$ 543,700	100%
1980	FEDERAL GOVERNMENT	622	15%	\$ 114,960	14%
	STATE/LOCAL GOV'T.	91	2%	18,450	2%
	ACADEMIA	275	7%	52,900	6%
	INDUSTRY	1,256	30%	249,170	31%
	INDIVIDUAL	26	1%	5,050	1%
	NON-U.S.	1,869	45%	368,700	46%
	TOTAL	4,139	100%	\$ 809,230	100%
1981	FEDERAL GOVERNMENT	822	19%	\$ 146,700	17%
	STATE/LOCAL GOV'T.	293	7%	58,600	7%
	ACADEMIA	278	6%	54,250	6%
	INDUSTRY	1,602	37%	318,700	38%
	INDIVIDUAL	19	0%	3,800	1%
	NON-U.S.	1,337	31%	264,050	31%
	TOTAL	4,351	100%	\$ 846,100	100%
1982	FEDERAL GOVERNMENT	1,259	25%	\$ 294,510	24%
	STATE/LOCAL GOV'T.	328	7%	71,600	6%
	ACADEMIA	293	6%	76,750	6%
	INDUSTRY	1,770	36%	451,700	36%
	INDIVIDUAL	53	1%	14,800	1%
	NON-U.S.	1,271	25%	340,800	27%
	TOTAL	4,974	100%	\$1,250,160	100%

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1975	FEDERAL GOVERNMENT	162	22%	\$ 32,400	22%
	NASA INVESTIGATORS	19	3%	3,800	3%
	STATE/LOCAL GOV'T.	48	7%	9,600	7%
	ACADEMIA	182	25%	35,680	25%
	INDUSTRY	195	27%	38,880	27%
	INDIVIDUAL	11	1%	2,200	1%
	NON-U.S.	108	15%	20,760	14%
	UNCATEGORIZED	4	0%	800	1%
	TOTAL	729	100%	\$144,120	100%
1976 (15 MONTHS)	FEDERAL GOVERNMENT	777	24%	\$ 77,173	13%
	NASA INVESTIGATORS	611	19%	122,200	21%
	STATE/LOCAL GOV'T.	4	0%	800	0%
	ACADEMIA	331	10%	66,200	12%
	INDUSTRY	757	23%	151,400	26%
	INDIVIDUAL	47	1%	9,400	2%
	NON-U.S.	766	23%	153,200	26%
	UNCATEGORIZED	6	0%	1,200	0%
	TOTAL	3,299	100%	\$581,573	100%
1977	FEDERAL GOVERNMENT	383	20%	\$ 70,609	19%
	NASA INVESTIGATORS	177	9%	35,400	9%
	STATE/LOCAL GOV'T.	29	2%	5,800	2%
	ACADEMIA	182	10%	36,400	10%
	INDUSTRY	611	32%	122,200	33%
	INDIVIDUAL	16	1%	3,200	1%
	NON-U.S.	489	26%	97,800	26%
		TOTAL	1,887	100%	\$371,409
1978	FEDERAL GOVERNMENT	1,025	36%	\$169,000	32%
	NASA INVESTIGATORS	40	1%	8,000	1%
	STATE/LOCAL GOV'T.	50	2%	10,000	2%
	ACADEMIA	256	9%	51,200	10%
	INDUSTRY	826	29%	165,300	31%
	INDIVIDUAL	13	0%	2,600	0%
	NON-U.S.	643	23%	128,600	24%
		TOTAL	2,853	100%	\$534,700

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1993	FEDERAL GOVERNMENT				
	USGS	1,193	31%	\$ 77,584	62%
	OTHER FEDERAL	81	2%	1,306	1%
	STATE/LOCAL GOV'T.	5	0%	172	0%
	ACADEMIA	260	7%	4,688	4%
	INDUSTRY	1,510	39%	26,796	21%
	INDIVIDUAL	368	9%	5,694	5%
	NON-U.S.	485	12%	8,386	7%
	TOTAL	3,902	100%	124,626	100%

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1989	FEDERAL GOVERNMENT				
	USGS	87	2%	\$ 17,550	3%
	OTHER FEDERAL	1,608	38%	174,180	27%
	STATE/LOCAL GOV'T.	51	1%	13,280	2%
	ACADEMIA	288	7%	47,336	7%
	INDUSTRY	1,176	28%	238,078	37%
	INDIVIDUAL	107	3%	17,326	3%
	NON-U.S.	889	21%	139,270	21%
TOTAL	4,206	100%	\$ 647,020	100%	
1990	FEDERAL GOVERNMENT				
	USGS	12	1%	\$ 3,555	1%
	OTHER FEDERAL	566	27%	43,240	12%
	STATE/LOCAL GOV'T.	25	1%	3,785	1%
	ACADEMIA	171	8%	34,650	9%
	INDUSTRY	634	30%	142,013	39%
	INDIVIDUAL	42	2%	7,523	2%
	NON-U.S.	637	31%	132,229	36%
TOTAL	2,087	100%	\$ 366,995	100%	
1991	FEDERAL GOVERNMENT				
	USGS	0	0%	\$ 0	0%
	OTHER FEDERAL	206	18%	911	2%
	STATE/LOCAL GOV'T.	5	0%	404	1%
	ACADEMIA	166	14%	3,197	6%
	INDUSTRY	382	33%	19,198	37%
	INDIVIDUAL	82	7%	1,488	3%
	NON-U.S.	319	28%	26,162	51%
TOTAL	1,160	100%	\$ 51,360	100%	
1992	FEDERAL GOVERNMENT				
	USGS	1	0%	\$ 175	0%
	OTHER FEDERAL	243	16%	50,194	68%
	STATE/LOCAL GOV'T.	3	0%	38	0%
	ACADEMIA	176	12%	2,426	3%
	INDUSTRY	447	29%	11,337	16%
	INDIVIDUAL	238	16%	3,395	5%
	NON-U.S.	415	27%	6,093	8%
TOTAL	1,523	100%	\$ 73,658	100%	

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1985	FEDERAL GOVERNMENT	20,844	53%	\$1,185,757	53%
	STATE/LOCAL GOV'T.	1,105	3%	104,312	5%
	ACADEMIA	2,336	6%	112,252	5%
	INDUSTRY	6,924	18%	478,393	21%
	INDIVIDUAL	1,200	3%	53,032	2%
	NON-U.S.	6,670	17%	326,979	14%
	TOTAL		39,079	100%	\$2,260,725
1986	FEDERAL GOVERNMENT				
	USGS	348	2%	\$ 49,889	2%
	OTHER FEDERAL	7,229	38%	773,963	38%
	STATE/LOCAL GOV'T.	397	2%	28,730	1%
	ACADEMIA	568	3%	72,568	4%
	INDUSTRY	4,232	22%	456,607	23%
	INDIVIDUAL	333	2%	34,441	2%
NON-U.S.	5,954	31%	599,590	30%	
TOTAL		19,061	100%	\$2,015,788	100%
1987	FEDERAL GOVERNMENT				
	USGS	386	3%	\$ 34,800	2%
	OTHER FEDERAL	6,829	55%	964,070	55%
	STATE/LOCAL GOV'T.	389	3%	55,250	3%
	ACADEMIA	507	4%	67,750	4%
	INDUSTRY	1,757	14%	252,060	15%
	INDIVIDUAL	216	2%	35,560	2%
NON-U.S.	2,304	19%	340,630	19%	
TOTAL		12,388	100%	\$1,750,120	100%
1988	FEDERAL GOVERNMENT				
	USGS	281	3%	\$ 40,020	3%
	OTHER FEDERAL	2,961	33%	455,510	33%
	STATE/LOCAL GOV'T.	25	0%	5,390	0%
	ACADEMIA	408	5%	55,428	4%
	INDUSTRY	2,378	26%	377,490	27%
	INDIVIDUAL	213	2%	35,040	2%
NON-U.S.	2,822	31%	428,134	31%	
TOTAL		9,088	100%	\$1,397,012	100%

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1981	FEDERAL GOVERNMENT	28,355	22%	\$ 334,367	20%
	STATE/LOCAL GOV'T.	3,177	2%	49,067	3%
	ACADEMIA	11,123	9%	144,361	9%
	INDUSTRY	28,219	22%	439,545	27%
	INDIVIDUAL	9,273	7%	113,842	7%
	NON-U.S.	48,628	38%	567,986	34%
	TOTAL		128,775	100%	\$1,649,168
1982	FEDERAL GOVERNMENT	22,741	20%	\$ 277,297	17%
	STATE/LOCAL GOV'T.	4,923	4%	75,297	4%
	ACADEMIA	7,460	6%	124,827	7%
	INDUSTRY	21,308	19%	472,840	28%
	INDIVIDUAL	5,900	5%	111,765	7%
	NON-U.S.	52,693	46%	629,093	37%
	TOTAL		115,025	100%	\$1,691,119
1983	FEDERAL GOVERNMENT	20,079	26%	\$ 979,365	40%
	STATE/LOCAL GOV'T.	3,452	5%	96,332	4%
	ACADEMIA	5,362	7%	138,698	6%
	INDUSTRY	15,645	20%	557,985	23%
	INDIVIDUAL	3,821	5%	105,993	4%
	NON-U.S.	28,262	37%	544,510	23%
	TOTAL		76,621	100%	\$2,422,883
1984	FEDERAL GOVERNMENT	14,543	42%	\$1,143,470	52%
	STATE/LOCAL GOV'T.	1,149	3%	71,213	3%
	ACADEMIA	2,287	6%	101,308	5%
	INDUSTRY	7,612	22%	492,287	22%
	INDIVIDUAL	1,820	5%	69,318	3%
	NON-U.S.	7,553	22%	343,657	15%
	TOTAL		34,964	100%	\$2,221,253

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1977	FEDERAL GOVERNMENT	20,691	16%	\$ 199,216	18%
	NASA INVESTIGATORS	9,650	7%	60,632	6%
	STATE/LOCAL GOV'T.	1,331	1%	14,368	1%
	ACADEMIA	13,881	11%	104,677	10%
	INDUSTRY	36,368	28%	289,983	27%
	INDIVIDUAL	7,987	6%	68,929	6%
	NON-U.S.	40,143	31%	344,279	32%
	UNCATEGORIZED	49	0%	344	0%
	TOTAL		130,100	100%	\$1,082,428
1978	FEDERAL GOVERNMENT	26,995	24%	\$ 428,269	30%
	NASA INVESTIGATORS	512	1%	5,431	0%
	STATE/LOCAL GOV'T.	1,465	1%	21,557	1%
	ACADEMIA	9,966	9%	108,179	8%
	INDUSTRY	20,495	19%	304,624	21%
	INDIVIDUAL	5,524	5%	71,208	5%
	NON-U.S.	45,766	41%	502,100	35%
	TOTAL		110,723	100%	\$1,441,368
1979	FEDERAL GOVERNMENT	31,973	24%	\$ 383,964	24%
	STATE/LOCAL GOV'T.	943	1%	15,381	1%
	ACADEMIA	14,336	10%	159,431	10%
	INDUSTRY	25,151	19%	366,192	23%
	INDIVIDUAL	9,198	7%	93,654	6%
	NON-U.S.	52,881	39%	569,491	26%
	TOTAL		134,482	100%	\$1,588,113
1980	FEDERAL GOVERNMENT	25,297	20%	\$ 277,631	18%
	STATE/LOCAL GOV'T.	4,134	3%	59,877	4%
	ACADEMIA	12,702	10%	149,501	9%
	INDUSTRY	23,467	18%	365,230	23%
	INDIVIDUAL	8,121	6%	91,932	6%
	NON-U.S.	54,712	43%	635,166	40%
	TOTAL		128,433	100%	\$1,579,337

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1973	FEDERAL GOVERNMENT	21,780	27%	\$ 62,756	27%
	STATE/LOCAL GOV'T.	2,995	4%	10,639	5%
	ACADEMIA	13,071	16%	28,679	13%
	INDUSTRY	24,430	30%	67,360	30%
	INDIVIDUAL	5,109	6%	17,143	7%
	NON-U.S.	8,497	11%	28,154	12%
	UNCATEGORIZED	5,189	6%	13,311	6%
	TOTAL		81,071	100%	\$ 228,042
1974	FEDERAL GOVERNMENT	28,493	18%	\$ 87,156	16%
	STATE/LOCAL GOV'T.	2,534	2%	10,920	2%
	ACADEMIA	18,611	12%	63,964	12%
	INDUSTRY	35,890	23%	114,140	22%
	INDIVIDUAL	17,266	11%	67,127	13%
	NON-U.S.	37,038	23%	120,499	23%
	UNCATEGORIZED	17,346	11%	64,708	12%
	TOTAL		157,178	100%	\$ 528,514
1975	FEDERAL GOVERNMENT	34,184	17%	\$ 136,883	18%
	NASA INVESTIGATORS	5,437	3%	12,192	1%
	STATE/LOCAL GOV'T.	1,921	1%	7,388	1%
	ACADEMIA	27,545	14%	106,374	14%
	INDUSTRY	45,476	23%	180,824	24%
	INDIVIDUAL	18,632	9%	98,753	13%
	NON-U.S.	47,066	24%	153,899	20%
	UNCATEGORIZED	17,393	9%	68,576	9%
TOTAL		197,654	100%	\$ 764,889	100%
1976 (15 MONTHS)	FEDERAL GOVERNMENT	38,639	13%	\$ 249,429	16%
	NASA INVESTIGATORS	68,448	23%	266,967	18%
	STATE/LOCAL GOV'T.	1,359	1%	8,559	1%
	ACADEMIA	34,235	12%	152,089	10%
	INDUSTRY	54,198	18%	292,324	19%
	INDIVIDUAL	21,760	7%	160,839	11%
	NON-U.S.	78,036	26%	377,105	25%
	UNCATEGORIZED	578	0%	4,779	0%
TOTAL		297,253	100%	\$1,512,091	100%

Section III

EROS Data Center Archives and Data Bases

This section describes those data archives, both digital and photographic, that are maintained by EDC to preserve and reference remotely sensed, cartographic, and earth science data. In addition, several data bases reference data held elsewhere that are of interest to EDC customers.

As of the end of fiscal year 1993, the Data Center archived over 10.1 million frames of photographic data and over 152,000 tapes. This included over 2.8 million frames of Landsat photographic data and nearly 80,000 Landsat data tapes. The International Landsat Data Base maintained by EDC referenced over 1.0 million Landsat scenes archived in the United States, and over 2.2 million scenes of Landsat data held by foreign ground stations.

Data Archive Report As Of October 6, 1993

PHOTOGRAPHIC DATA ARCHIVED AT EDC

AERIAL PHOTOGRAPHY		
SOURCE	ROLLS	FRAMES
US Geological Survey	17,353	2,588,046
NAPP	8,614	1,305,211
Bur. of Land Management	625	124,992
Bur. of Reclamation	303	60,266
National Park Service	85	14,551
Bur. of Indian Affairs	49	9,913
TOTAL DEPT. OF INTERIOR	27,029	4,102,979
Army Map Service	1,681	213,914
US Air Force	3,375	330,832
US Navy	6,323	431,289
Corps of Engineers	86	23,732
TOTAL DEPT. OF DEFENSE	11,465	999,767
Ames Research Center	4,280	552,190
Johnson Space Center	7,632	1,012,642
Other	1,413	125,427
TOTAL NASA	13,325	1,690,259
OTHER SOURCE AGENCIES	2,119	364,393
TOTAL AERIAL PHOTOGRAPHY	53,938	7,157,398

SATELLITE PHOTOGRAPHY		
SOURCE	ROLLS	FRAMES
Landsat MSS 70 mm Film (1/2/3)	7,708	1,342,187
Landsat MSS 9" B&W Film	9,823	1,334,975
Landsat TM 9" B&W Film	2,924	175,665
Skylab	634	44,845
Apollo/Gemini/Apollo-Sojuz	127	18,372
Shuttle (Incl. LFC)	1,821	152,046
TOTAL SATELLITE PHOTOGRAPHY	23,037	3,068,090

Data Archive Report As Of October 6, 1993

Digital Data Archived at EDC

SOURCE	MAGNETIC TAPES
AERIAL IMAGE DATA	
NASA Data	
TMS 8-Channel Data	761
TMS 12-Channel Data	623
TIMS 6-Channel Data	317
M2S 11-Channel Data	76
AOCI 10-Channel Data	44
National Park Service	93
Side-Looking Airborne Radar (SLAR)	<u>1,287</u>
TOTAL	3,201
SATELLITE IMAGE DATA	
Landsat MSS/TM Digital Data	79,806
AVHRR	
EDC-HRPT Data	20,407
LAC Data Received via DOMSAT	31,566
LAC Data Received From Other Sources	13,558
Federally-Owned Landsat Data (FOLD)	1,225
SPOT Data	297
Department of Defense MSI Data	<u>968</u>
TOTAL	147,827
NDCDB DATA	
Digital Elevation Model (DEM)	76
1:2 Million Digital Line Graph (DLG)	<u>4</u>
TOTAL	80
EARTH SCIENCE DATA	
National Uranium Resource Evaluation(NURE)	957
Geophysical Research Program	<u>17</u>
TOTAL	974
TOTAL DIGITAL HOLDINGS	152,082

Data Archive Report As Of October 6, 1993

Summary of Data Archived at EDC

AERIAL IMAGES	7,157,398
LANDSAT SATELLITE IMAGES	2,852,827
OTHER SATELLITE IMAGES	<u>215,263</u>
TOTAL	10,225,488

DIGITAL DATA	MAGNETIC TAPES
AERIAL IMAGE DATA	3,201
LANDSAT SATELLITE IMAGE DATA	79,806
OTHER SATELLITE IMAGE DATA	68,021
NDCDB D DATA	80
EARTH SCIENCE DATA	<u>974</u>
TOTAL	152,082

Landsat International Data Base Summary As Of October 6, 1993

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	787,713 MSS 214,020 TM	DAILY	8/72 - 10/92 8/82 - 10/93
BRAZIL	60,146 MSS 36,321 TM	5/90 3/92	5/73 - 9/87 3/84 - 1/92
CANADA	423,543 MSS 105,964 TM	6/91 7/91	8/72 - 5/91 8/82 - 5/91
EARTHNET: ITALY	384,813 MSS 119,139 TM	12/91 12/91	4/75 - 11/91 4/84 - 11/91
SWEDEN	451,745 MSS 160,359 TM	12/91 12/91	5/78 - 11/91 4/84 - 11/91
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 12,688 TM	8/90 2/92	6/75 - 5/90 1/89 - 6/92
AUSTRALIA	210,671 MSS	9/91	9/79 - 8/91
ARGENTINA	10,790 MSS	5/87	9/80 - 8/84
JAPAN	135,346 MSS 47,313 TM	1/92 1/92	1/79 - 9/91 4/84 - 9/91
PAKISTAN	3,256 MSS 4,583 TM	6/90 6/90	5/89 - 12/89 5/89 - 12/89
TOTAL SCENES	2,547,338 MSS 703,372 TM 3,252,710		
LGSOWG TOTAL SCENES/NON-EDC	2,250,977		

To date, EDC has not received international data base tape updates from Indonesia, Thailand, People's Republic of China, Saudi Arabia, and India.

Note: Number of MSS scenes may include RBV data.