Statistics pull

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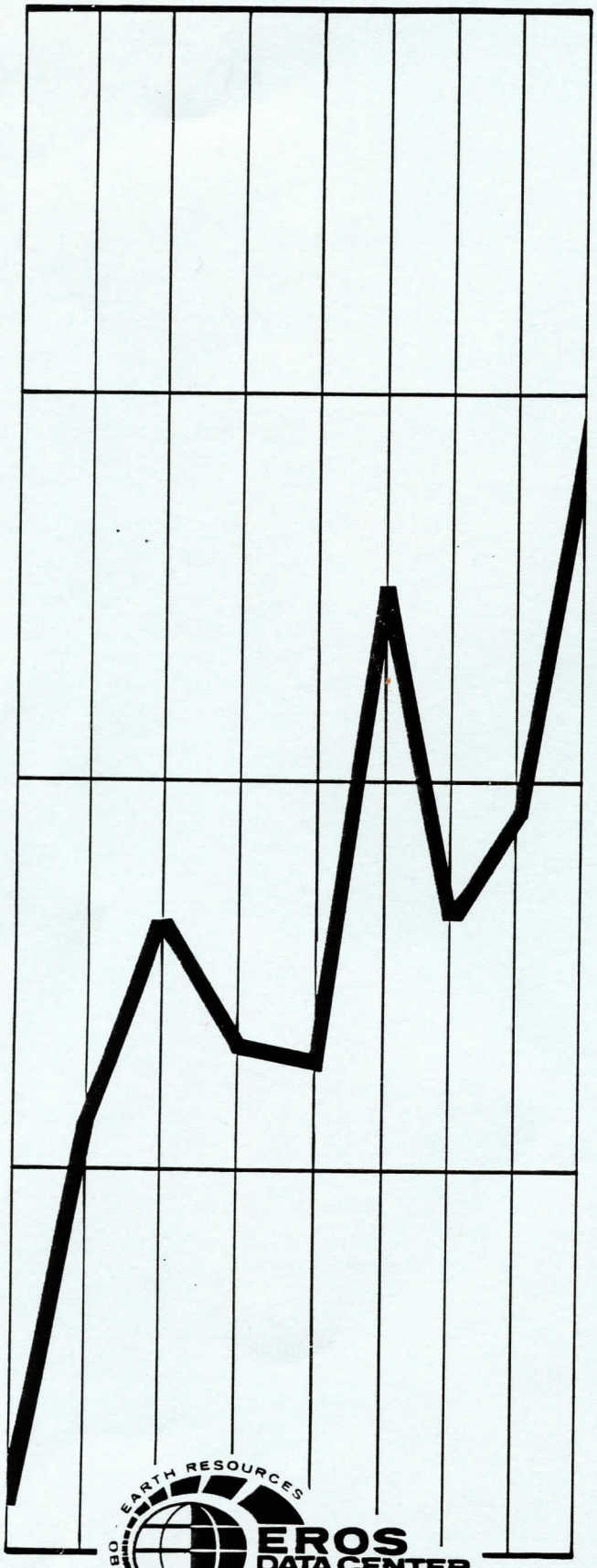

PRODUCTION STATISTICS

SEPTEMBER 1984

JULY-SEPTEMBER 1984

FY 1984

EARTH RESOURCES OBSERVATION SYSTEMS
EROS DATA CENTER
SIOUX FALLS, S.D. 57198

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CONSOLIDATED BUSINESS REPORT FOR
September and FY 1984

I. REIMBURSABLE RECEIPTS (Other Federal & Non-Fed)	SEPTEMBER ITEMS	SEPTEMBER DOLLARS	FY84 ITEMS	FY84 DOLLARS
Aircraft Imagery	4,327	$ 55,605	127,719	$1,210,683
(Includes SLAR strips)	(0)	(0)	(110)	(4,605)
Aircraft Accession Aids	-	189	-	2,537
Other Satellite Imagery	3	155	201	6,290
Miscellaneous Services	0	0	33	3,482
Miscellaneous Products	32	3,407	902	82,136
(Includes SLAR mosaics)	(20)	(1,860)	(137)	(12,135)
NURE Data	4	600	8	1,000
REIMBURSABLE TOTAL	4,366	$ 59,956	128,863	$1,306,128

II. SURVEY PRODUCTS AND SERVICES	ITEMS	DOLLARS*	ITEMS	DOLLARS*
Aircraft Imagery	4,954	$ 55,060	78,526	$ 601,702
(Includes SLAR Strips)	(0)	(0)	(26)	(1,290)
Aircraft Accession Aids	-	0	-	35
Other Satellite Imagery	0	0	16	467
Miscellaneous Services	0	0	7	264
Miscellaneous Products	866	17,054	17,505	453,352
(Includes SLAR mosaics)	(0)	(0)	(19)	(1,690)
SURVEY TOTAL	5,820	$ 72,114	96,054	$1,055,820

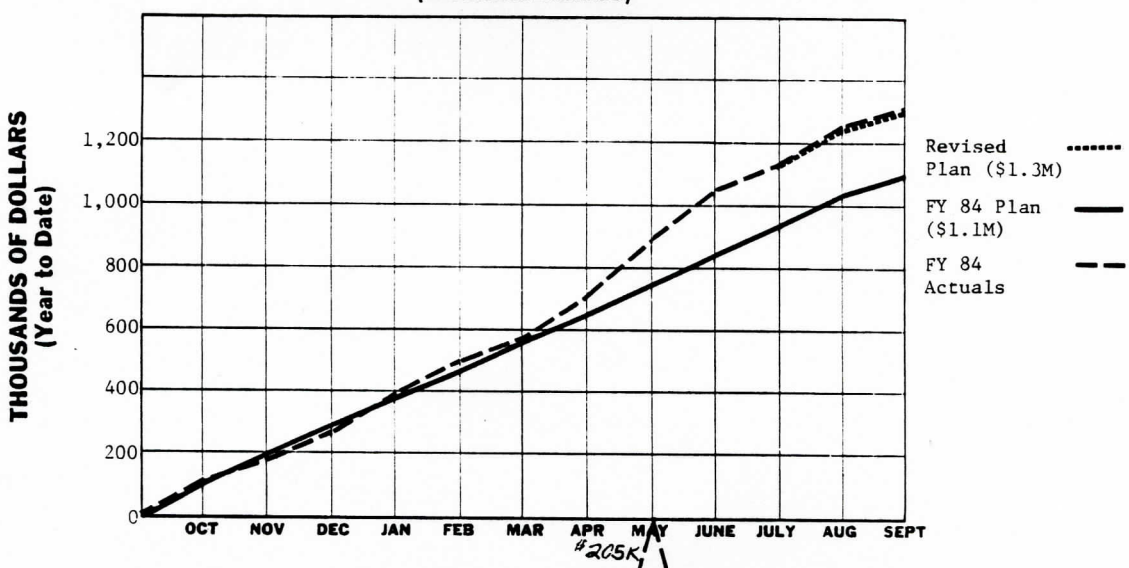
*Calculated at equivalent EDC prices.

III. LANDSAT REVENUE	ITEMS	DOLLARS	ITEMS	DOLLARS
Imagery Products	1,457	$110,292	34,964	$2,221,253
Digital Products	223	83,605	3,042	1,590,875
Accession Aids	-	1,879	-	20,820
LANDSAT PRODUCTS TOTAL	1,680	$195,776	38,006	$3,832,948
Acquisition Charges/Cloud Cover Surcharges	1,666	105,100**	21,068	6,130,275
LANDSAT REVENUE TOTAL	3,346	$300,876	59,074	$9,963,223
IV. GRAND TOTAL	13,532	$432,946	283,991	$12,325,171

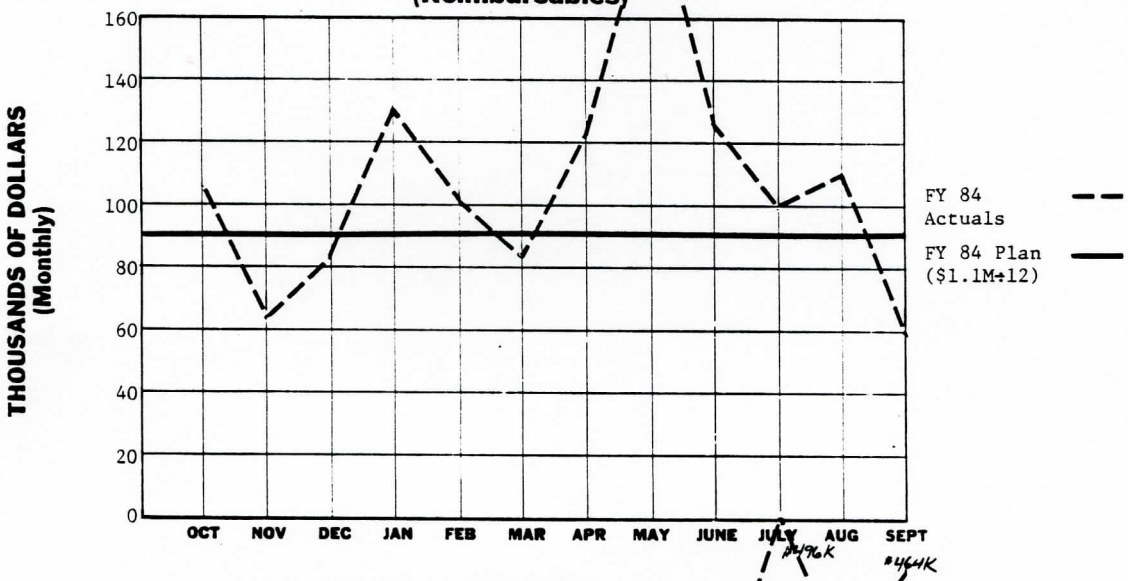
**Figure is low due to $597,790 in sales returns and allowances processed for the months of April - August 1984.

Aircraft Customer Profile Percentages	FY 84 Frames	FY 84 Dollars
Other Federal Government	21%	18%
State/Local Government	6%	13%
Academic	9%	8%
Industrial	53%	46%
Individual	10%	14%
Non-U.S.	1%	1%
Total	100%	100%

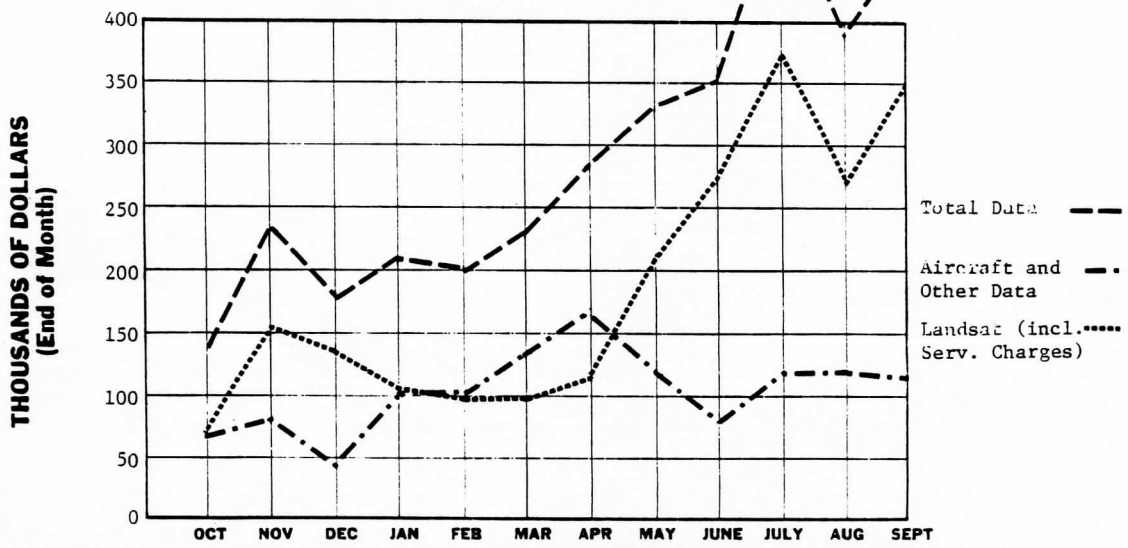
VALUE OF DATA SHIPPED (EDC)
(Reimbursables)



VALUE OF DATA SHIPPED (EDC)
(Reimbursables)

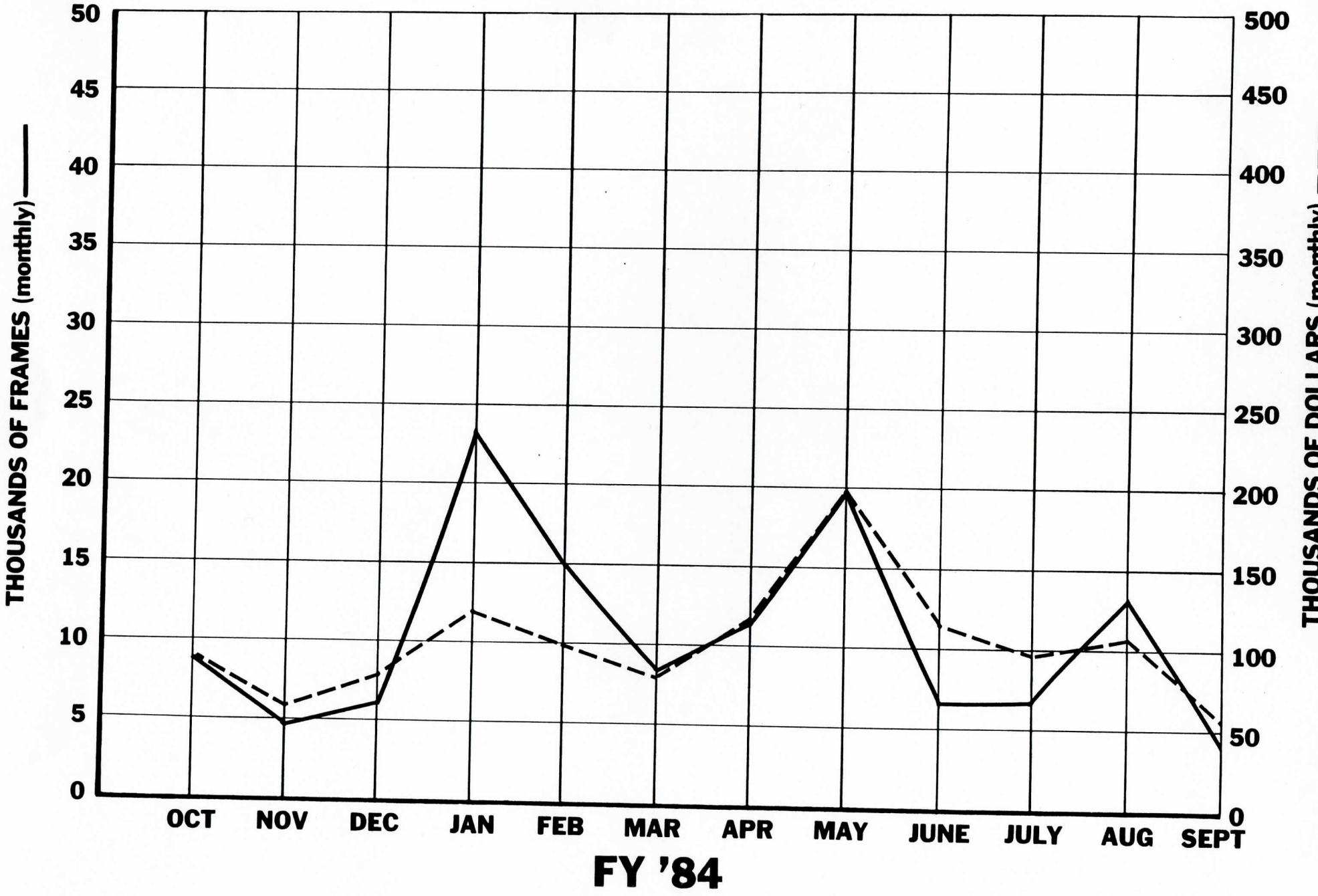


TOTAL WORK IN PROCESS - FY 84



VOLUME OF AIRCRAFT IMAGERY

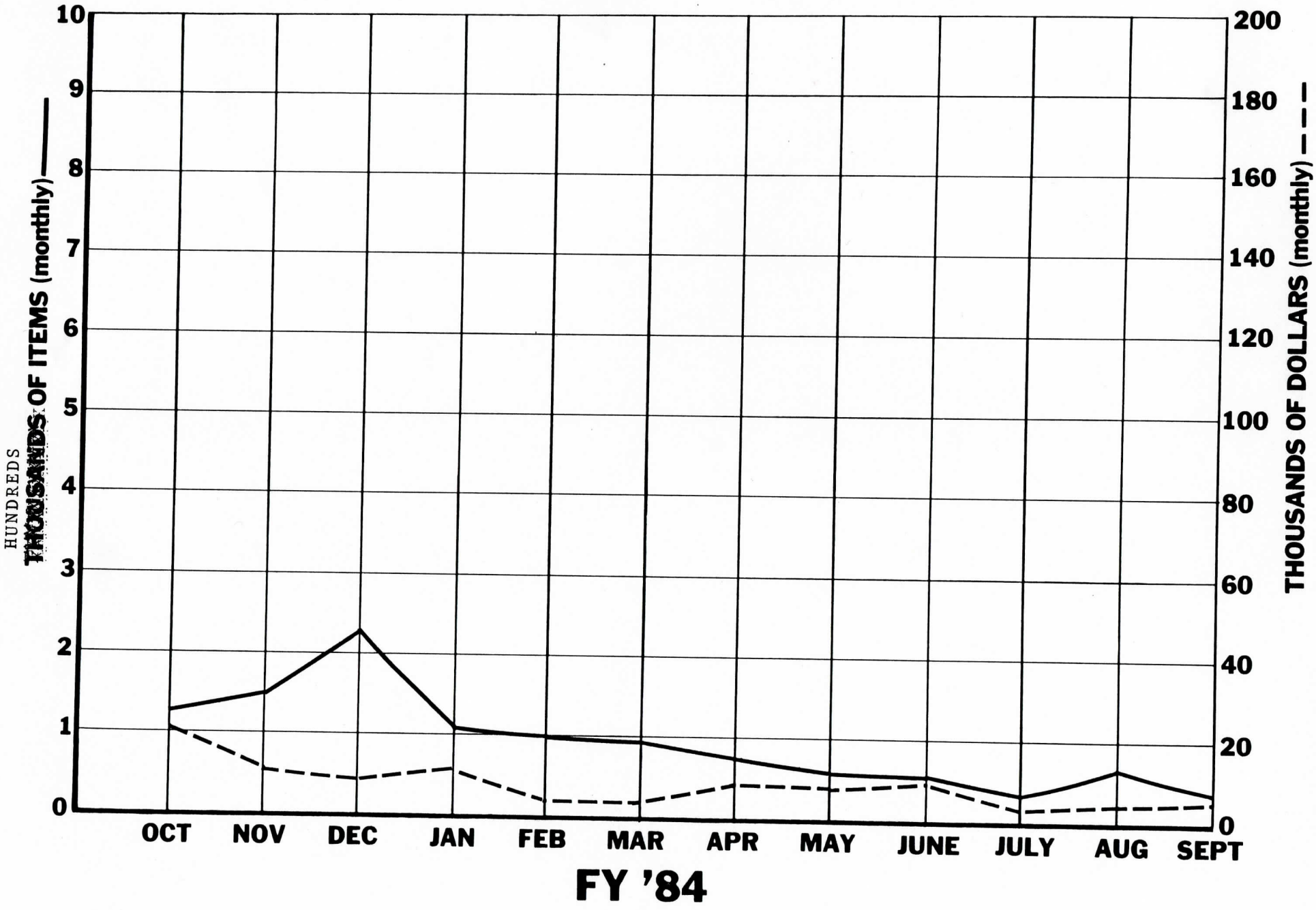
(Excludes Survey)



FY '84

VOLUME OF OTHER DATA

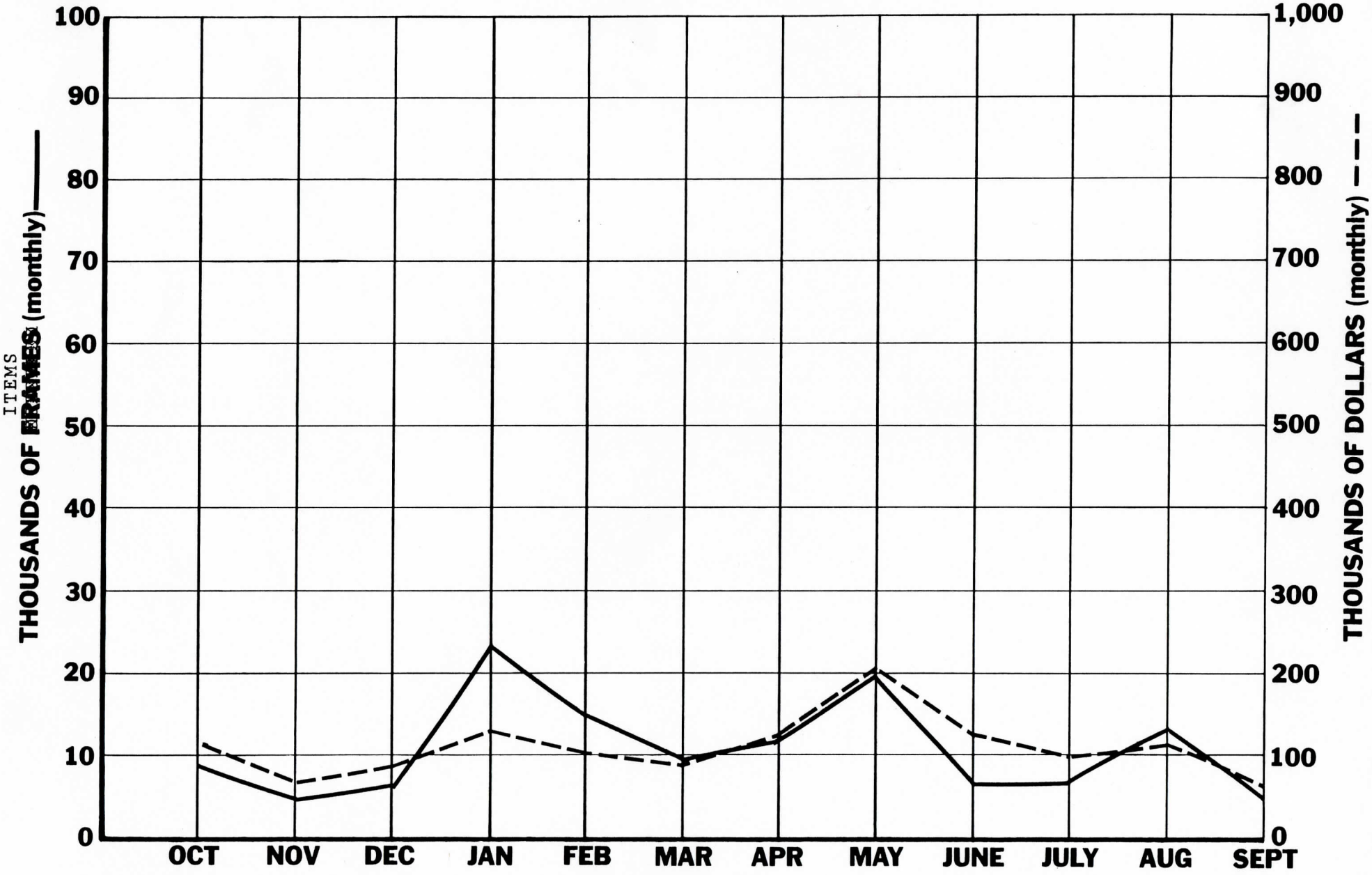
(Other Sat., Acc. Aids, Misc. Prods. & Serv. - excl. Survey)



FY '84

TOTAL EDC REIMBURSABLE SALES

(Excludes Survey)



FY '84

EDC REIMBURSABLE RECEIPTS[1]

JULY 1972 THROUGH SEPTEMBER 1984

LANDSAT IMAGERY[2]	1,515,418 FRAMES	$12,723,918	(69%)
LANDSAT DIGITAL DATA[2]	27,144 SCENES	5,608,979	(31%)
LANDSAT TOTAL	1,542,562 ITEMS	$18,332,897	(100%)
AIRCRAFT IMAGERY	1,973,820 FRAMES	$10,421,940	(76%)
OTHER DATA TOTAL	228,435 ITEMS	3,219,789	(24%)
AIRCRAFT/OTHER DATA TOTAL	2,202,255 ITEMS	$13,641,729	(100%)
GRAND TOTAL	3,744,817 ITEMS	$31,974,626	

[1] Excludes USGS products/services for FY 1984; excludes NOAA Landsat revenue after FY 82.

[2] Includes Landsat sales of $1,112,239 in FY 83; balance of Landsat revenue received during FY 83 are credited to NOAA.

EROS DATA CENTER
NOAA LANDSAT PRODUCT SUMMARY

DATE ISSUED September 26, 1984 MONTH September 1984

DATA PROFILE	CURRENT MONTH Items	CURRENT MONTH Dollars	MONTH LAST YEAR Items	MONTH LAST YEAR Dollars	% $ Change
1. Imagery	1,457	110,292	2,910	143,003	-23%
a. MSS/RBV/TIPS	(1,417)	(109,102)	(2,691)	(140,884)	-23%
b. TM Scrounge	(40)	(1,190)	(219)	(2,119)	-44%
2. Digital Products	223	83,605	105	91,710	-9%
a. MSS/RBV/TIPS CCT's	(191)	(74,685)	(93)	(57,060)	31%
b. TM Scrounge CCT's	(2)	(6,800)	(14)	(34,900)	-81%
c. TM Scrounge Sample CCT's	(1)	(200)	(-1)	(-200)	---
d. MSS Sample CCT's	(0)	(0)	(-1)	(-50)	---
e. Other Products	(29)	(1,920)			
3. Accession Aids		1,879		1,112	69%
4. Subtotal (#1-#3)	1,680	195,776	3,015	235,825	-17%
5. Acquisition Charges and Cloud Cover Surcharges	1,666	105,100	1,379	326,555	-68%
6. TOTAL LANDSAT REVENUE	3,346	300,876	4,394	562,380	-46%
7. Sales Returns/Allowances (deducted from #1-4)		$ 6,284		$ 11,535	
8. Reimbursable Work-In-Process (End-of-Month)		$ 221,398		$ 233,249	
9. Average Order Turnaround Time for Std. Photo. and Digital Products		6 days		7 days	

REMARKS:
#5 is low due to product returns that were processed for the months of April-August.
#7 "Current Month" excludes $597,790 for duplicate acquisitions for Dept. of Ag. and Other Agencies.
#7 "Month Last Year" excludes $87,295 for duplicate acquisitions for Dept. of Ag. and Other Agencies.
#8 "Current Month" excludes service charges of $125,950.
#8 "Month Last Year" exludes services charges of $89,440.

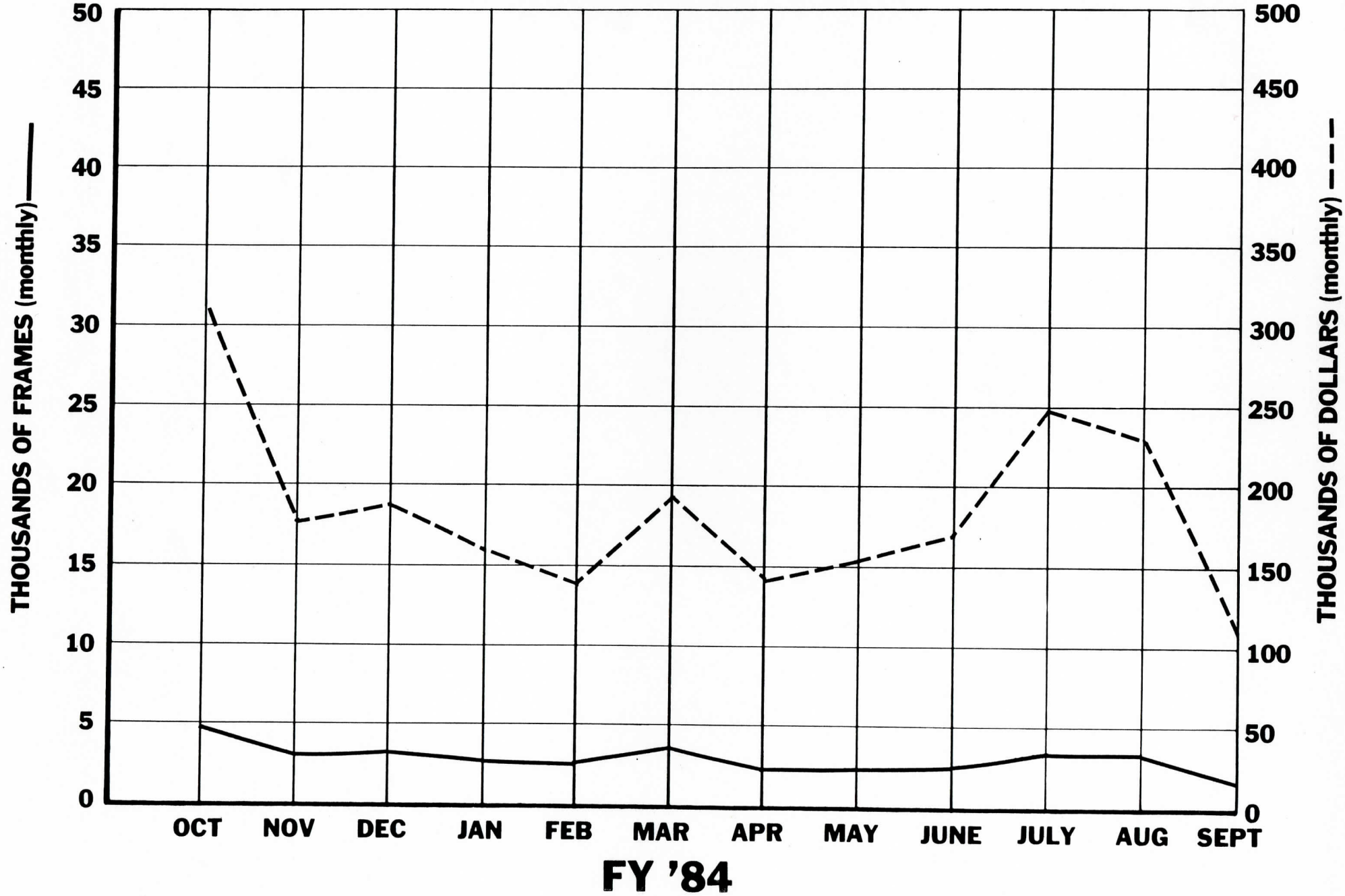
NOAA LANDSAT CUSTOMER PROFILE PERCENTAGES

SEPTEMBER 1984

CATEGORY	IMAGERY		DIGITAL PRODUCTS	
	Items	Dollars	Items	Dollars
Federal Government	60%	71%	52%	28%
U.S.G.S.	(15%)	(20%)	(5%)	(7%)
Other Federal	(45%)	(51%)	(47%)	(21%)
State/Local Government	5%	4%	0%	0%
Academic	4%	2%	15%	9%
Industrial	14%	12%	12%	27%
Individual	4%	3%	1%	1%
Non-U.S.	13%	8%	20%	35%
	100%	100%	100%	100%

VOLUME OF ALL LANDSAT IMAGERY

(Based on Shipped Date)



FY '84

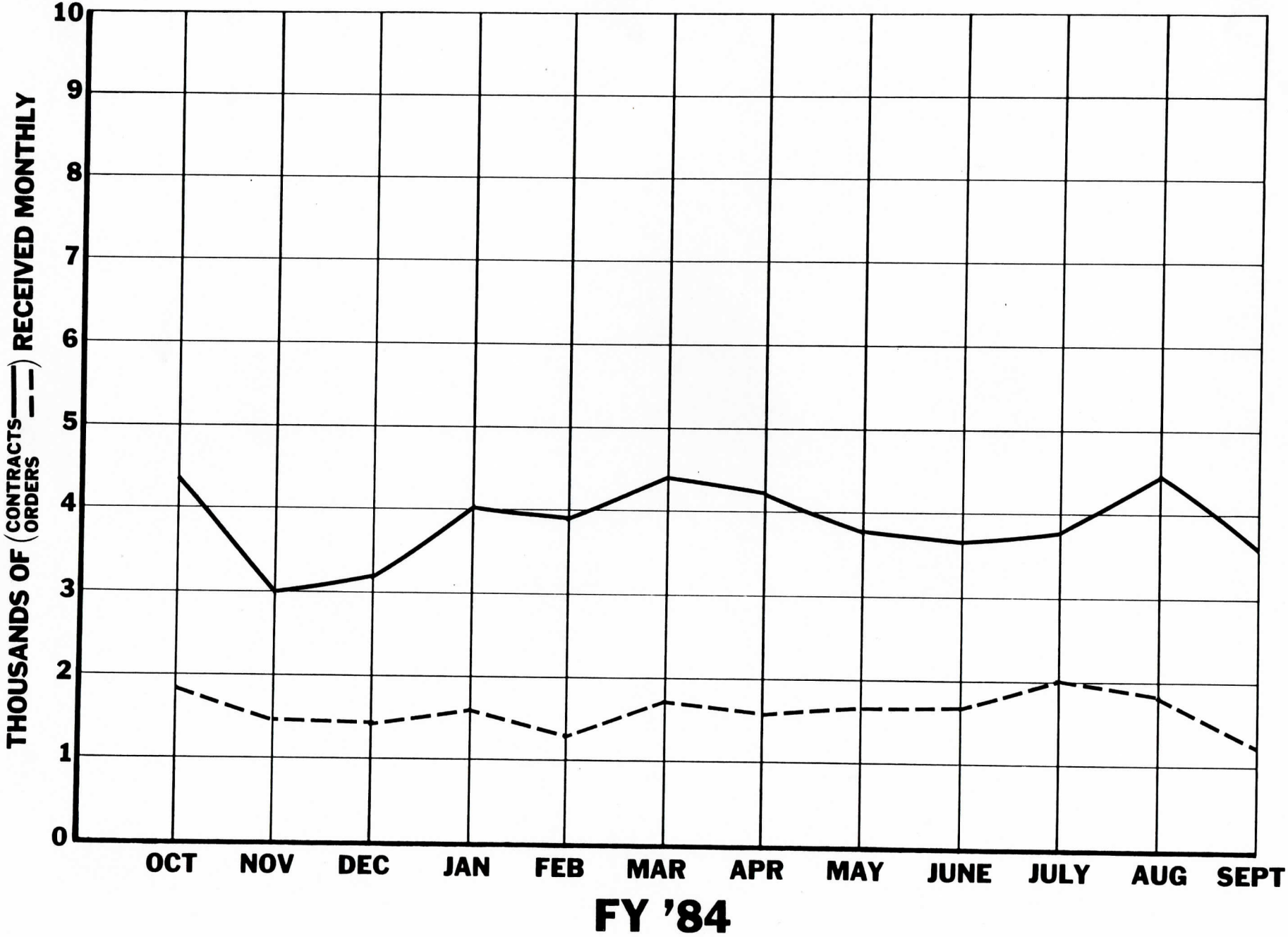
NOAA LANDSAT REVENUE

OCTOBER 1982 THROUGH SEPTEMBER 1984

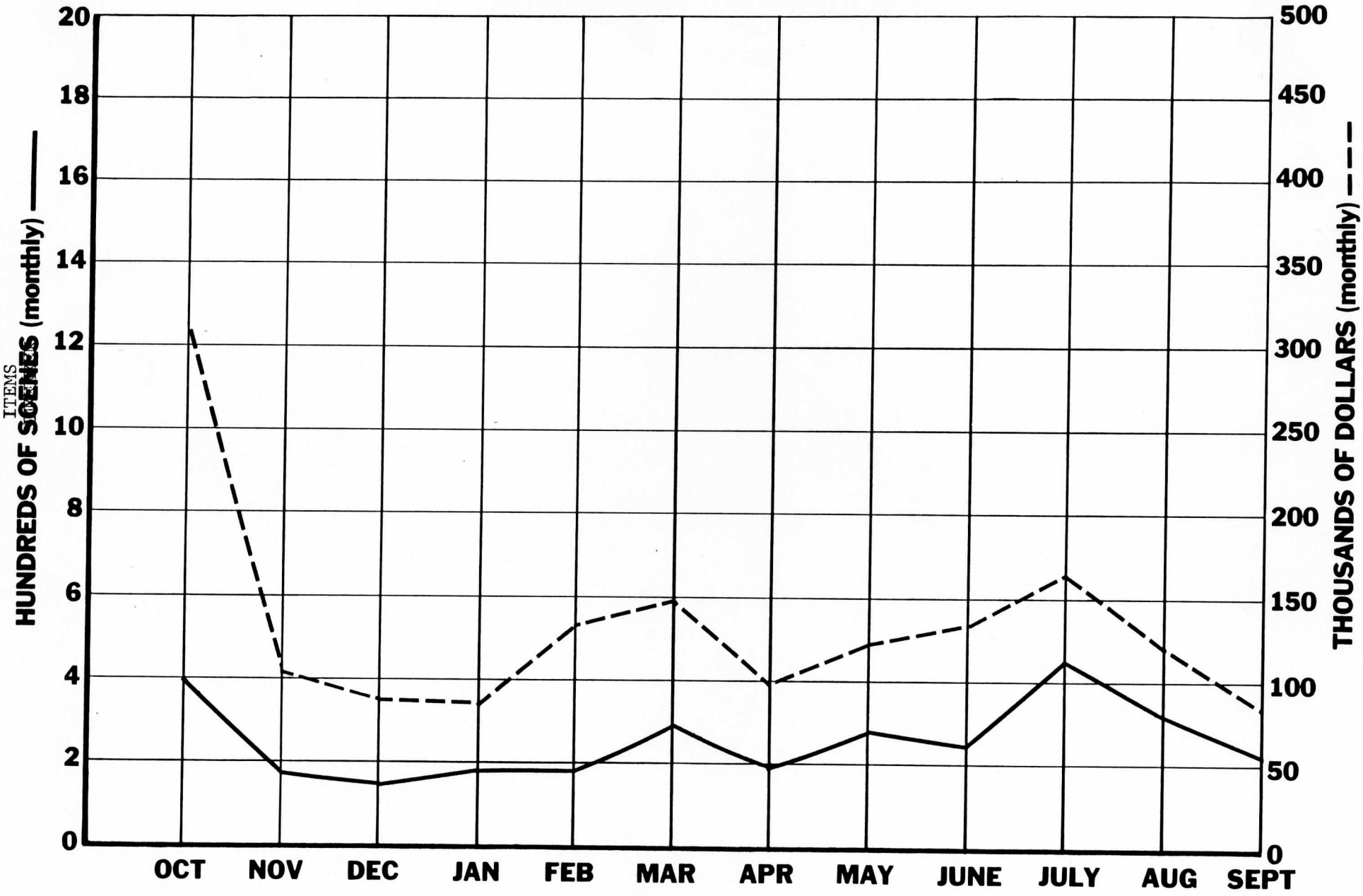
IMAGERY*	80,651 FRAMES	$4,023,554	(24%)
DIGITAL PRODUCTS*	4,943 ITEMS	2,701,203	(16%)
ACCESSION AIDS	N.A.	42,837	(0%)
ACQUISITION CHARGES & CLOUD COVER SURCHARGES	36,893 ITEMS	10,221,950	(60%)
GRAND TOTAL	122,487 ITEMS	$16,989,544	(100%)

*Excludes Landsat sales of $1,112,239 credited to EDC/USGS for FY '83: Imagery-30,934 frs, $620,582; Digital-1,698 scenes, $491,657.

USER SERVICES ACTIVITY



VOLUME OF ALL LANDSAT DIGITAL PRODUCTS
(Based on Shipped Date)



FY '84

NATIONAL HIGH ALTITUDE PHOTOGRAPHY (NHAP)
EDC MONTHLY ACTIVITY REPORT

SEPTEMBER 1984

ACTIVITY	FY 1983 THROUGH SEPTEMBER	TOTAL CURRENT MONTH SEPTEMBER	FY 1984 THROUGH SEPTEMBER
NUMBER OF FRAMES RECEIVED			
Black and White	26,486	5,756	32,018
Color Infrared	38,190	8,740	48,287
NUMBER OF MASTER FRAMES DUPLICATED			
Black and White	27,722	460	30,048
Color Infrared	45,030	1,030	48,039
COSTS TO EDC FOR DUPLICATION	$379,691	$7,560	$357,960
NUMBER OF FRAMES SOLD			
Black and White	33,866	2,694	89,044
Color Infrared	19,264	3,944	38,291
REVENUE FROM FRAMES SOLD	$503,317	$85,850	$1,231,335
NHAP PARTICIPANT PURCHASES			
BLM	5,283	0	7,351
BOM	310	0	88
COE	0	100	1,957
DMA	7,517	0	12,125
FS	23,645	210	45,664
F&WS	95,144	0	65,560
NOAA	0	0	597
NOS	0	0	70
NPS	315	0	1,759
SCS	3,171	0	843
TVA	4,193	0	2,505
USGS	157,577	49,699	433,877
Other Users	206,162	35,841	658,939
Total	503,317	$85,850	$1,231,335

SLAR SALES

September 19 84

USER CATEGORY	NO. OF ORDERS	NO. OF ITEMS	CONTERMINOUS U.S. TYPE ITEM	CONTERMINOUS U.S. LOCATION OF DATA	CONTERMINOUS U.S. DOLLAR VALUE	ALASKA TYPE ITEM	ALASKA LOCATION OF DATA	ALASKA DOLLAR VALUE
U.S. Gov't	1	8	mosaic	CAPA	$740.00			
Private Industry	2	2	mosaic	CAPA	270.00			
		10				mosaic	NAPA	$850.00
TOTAL: $1860.00								

FOR INTERNAL EDC USE ONLY

MONTHLY COMPLAINT SUMMARY

For The Month Of Sept.

		DOLLAR VALUE	TOTAL NUMBER	MONTHLY % of TOTAL	AVERAGE ANNUAL % 1983
ORDER PROBLEMS	RESEARCH ERRORS	70	2	.098	.072
	ORDER ERRORS	2410	9	.441	.460
	CUSTOMER ERRORS	236	3	.147	.055
	MAJOR METRO ERRORS	0	0	0	.000
	REMOTE SITE ERRORS	0	0	0	.036
	TOTAL ORDER PROBLEMS	2716	14	.686	.623
PRODUCTION PROBLEMS	QUALITY	1215	9	.441	.699
	PRINTING	0	0	0	.059
	DATA BASE ERRORS	130	1	.049	.157
	TOTAL PI & LAB PROBLEMS	1345	10	.490	.917
SHIPPING PROBLEMS	ORDER NOT RECEIVED	627	5	.245	.169
	DAMAGED IN SHIPMENT	1264	5	.245	.083
	ORDER ITEMS MISSING	0	0	0	.152
	REC'D REJECTED PRODUCT	0	0	0	.024
	REC'D WRONG IMAGE	70	2	.098	.219
	REC'D WRONG PRODUCT	0	0	0	.071
	REC'D WRONG ORDER	0	0	0	.000
	TOTAL SHIPPING PROBLEMS	1961	12	.588	.720
OTHER	SLOW SERVICE	0	0	0	.000
	CCT AND DBT PROBLEMS	1300	3	.147	.267
	OTHER	0	0	0	.223
	TOTAL OTHER PROBLEMS	1300	3	.147	.472
	TOTAL ORDERS SHIPPED		2040	100.0	
	TOTAL ALL PROBLEMS		39	1.91	2.75
	TOTAL DOLLAR AMOUNT	7322			

CR LETTERS 11

CR ORDERS 28

CR REFUNDS 1

Revised

EDC USCR02

MAIN IMAGE FILE ACTIVITY
September, 1984

SPACE DATA

LANDSAT I, II, III, IV, and V	Black & White MSS, RBV & TM Scenes	623,095**
	Landsat Scenes Available from Brazil	41,101
	Landsat Scenes Available from Italy	237,671
	Landsat Scenes Available from Canada	259,836
	Landsat Scenes Available from S. Africa	18,781
	Landsat Scenes Available from Earthnet	10,078
	Landsat Scenes Available from Australia	41,452
	Color Composites	15,212
	CCT's at EDC	26,967
	Landsat Rolls (70mm and 9-inch)	7,805
	Landsat Rolls (EDIPS)	5,135
	Landsat Rolls (TM)	511
	Microfilm Rolls (16mm)	549
SKYLAB II, III, IV	S190A & S190B Geo-Retrievable Frames	38,765
	Rolls (including handheld & S192 data)	634
	Microfilm Rolls	31
APOLLO/GEMINI/ APOLLO-SOYUZ	Geo-Retrievable (Accessions)	478
	Rolls at EDC	127
	Total Frames Available	18,362
	Microfilm Rolls (16mm)	7
SHUTTLE	Rolls at EDC	134
	Total Frames Available	13,740
	Microfilm Rolls (16mm)	10

DEPARTMENT OF THE INTERIOR

USGS, NHAP	Roll Film at EDC	17,577
	Roll Film at Mapping Centers	665
	Frames	2,786,127
	Geo-Retrievable (Accessions)	68,553
	Microfilm Rolls	79

Approximately 1,888 rolls of National High Altitude Photography have been received and entered into the EDC MIF. This data is retrievable in block format.

BLM	Roll Film	961
BR	Frames	192,212
BIA	Geo-Retrievable (Accessions)	1,525
NPS	Roll Film	55
	Frames	8,095
	Geo-Retrievable (Accessions)	1,318

BLM, BR and BIA - Imagery is geo-retrievable in block accession format.

**Part of Landsat 5 data was unavailable for reporting; used last month's figure.

DEPARTMENT OF DEFENSE

ARMY	Roll Film	6,065
NAVY	Geo-Retrievable (Accessions)	16,115
AIR FORCE	Frames	666,202
COE	Geo-Retrievable (Accessions)	4,238
	Roll Film	65
	Frames	22,411

These data are geographically retrievable and have been incorporated into the Aerial Photography micro(graphic)INDEX.

NASA

JSC-AIRCRAFT	Geo-Retrievable (Accessions)	67,569
	Roll Film	6,188
	Frames	984,172
	Microfilm Rolls	560

These data are geo-retrievable in strip accession format; microfilm reference rolls are available.

AMES	Geo-Retrievable (Accessions)	89,376
	Roll Film	3,267
	Frames	417,731
	Microfilm Rolls	204

These data are geo-retrievable in strip accession format; microfilm reference rolls are available.

WALLOPS/KSC	Roll Film	1,092
	Frames	82,459

Roll data are available in minimum data format.

MARSHALL	Geo-Retrievable (Accessions)	1,274
	Roll Film	41
	Frames	7,723
	Microfilm Rolls	4

These data are geographically retrievable; microfilm reference rolls are also available.

OTHER SOURCE

EPA	Geo-Retrievable (Accessions)	10,053
	Roll Film	346
	Frames	66,963
MISCELLANEOUS	Geo-Retrievable (Accessions)	1,253
	Roll Film	466
	Frames	51,568
EDC/SDSU	Roll Film	26
	Frames	2,425
	Geo-Retrievable (Accessions)	290

MAIN IMAGE FILE AS OF SEPTEMBER, 1984

	Film Rolls	Frames	Georef Accessions
Apollo/Gemini Space Photography	127	18,362	478
Skylab Imagery	634	44,845	38,765
Shuttle	134	13,740	--
Landsat Data (MSS-RBV)	12,940	2,012,852	618,921(1)**
(TM)	511	30,090	4,174
			15,212(2)
			41,101(3)
			237,671(4)
			259,836(5)
			18,781(6)
			10,078(7)
			41,452(8)
TOTAL SPACE DATA	14,346	2,119,889	1,286,469**
NASA Research Aircraft Imagery	10,868	1,527,330	158,219
USDI Aerial Mapping Photography	19,257	2,986,434	71,396
USDOD Aerial Photography	6,130	688,613	20,353
Miscellaneous	838	120,956	11,596
TOTAL AIRCRAFT	37,093	5,323,333	261,564
TOTAL EROS DATA CENTER HOLDINGS	51,439	7,443,222	1,548,033**

(1) Black and White Scenes Retained at EDC
(2) Color Composites Retained at EDC
(3) Landsat Scenes Available from Brazil
(4) Landsat Scenes Available from Italy
(5) Landsat Scenes Available from Canada
(6) Landsat Scenes Available from South Africa
(7) Landsat Scenes Available from Earthnet
(8) Landsat Scenes Available from Australia

**Part of Landsat 5 was unavailable for reporting; used last month's figure.

CHEMICAL MANAGEMENT SYSTEM COST SAVINGS CHART

September 1984

CHEMICAL	EFFICIENCY %	GALLONS REGENERATED	GALLONS FRESH MIXED	GALLONS DESILVERED & DUMPED	CHEMICAL COST SAVINGS	ESTIMATED SILVER RECOVERED TROY OZ	VAL.@$7.53	COMBINED DOLLAR SAVINGS
RAPID FIX	100	75	0	0	$ 106	27.4	$ 206	$ 312
EK 885 FIX HOUSTON	100	175	0	0	224	27.6	208	432
EK 885 FIX 11CM's	100	150	0	0	228	85.3	642	870
EK EA-5 FIX	N/A	N/A	320	320	N/A	57.0	429	429
EK R-3 BLEACH/FIX	N/A	N/A	25	25	N/A	6.2	47	47
EK EA-5 BLEACH	100	215	0	N/A	796	N/A	N/A	796
HUNT CP-30 BLEACH/FIX	N/A	N/A	25	25	N/A	0.4	3	3
WASTE FIX	N/A	N/A	N/A	0	N/A	0	0	0
TOTAL	100%	615	370	370	$1,354	203.9	$1,535	GRAND TOTAL $2,889

0

PROCESSING CHEMICAL COSTS

MONTH OF September 1984

PROCESS	TOTAL COST OF MIXED CHEMICALS, $	TOTAL AMOUNT OF FILM OR PAPER PROCESSED, FT.^{2}	CHEMICAL COST
EASTMAN KODAK 85 11CM's	336.42	10,373.1	.032
B/W Microfilm	24.00	2,129.7	.011
R-100	260.86	13,060.9	.020
EA-5	3,683.79	6,887.5	.535
E-6	70.06	298.5	.235
C-22	799.20	1,504.2	.531
B/W HOPE	164.12	13,876.3	.012
HOUSTON	519.18	10,249.0	.051
HUNT CP-30	54.33	1,000.1	.054
CRONAFLEX	51.12	274.0	.187
TOTAL	$5,963.08	59,653.3	AVG. COST PER FT.^{2} .100

EROS DATA CENTER
STATISTICAL SUMMARY

	FY 83 1ST QTR.	FY 83 2ND QTR.	FY 83 3RD QTR.	FY 83 4TH QTR.	FY 83 TOTAL	FY 84 1ST QTR.	FY 84 2ND QTR.	FY 84 3RD QTR.	FY 84 4TH QTR.	FY 84 TOTAL
Frames in EDC Data Base[1]	5,146,229	5,158,087	5,199,357	5,241,878	5,241,878	5,271,343	5,324,447	5,375,530	5,400,280	5,400,280
Aircraft	5,081,252	5,093,110	5,134,380	5,176,901	5,176,901	5,206,366	5,259,470	5,300,224	5,323,333	5,323,333
Other Data	64,977	64,977	64,977	64,977	64,977	64,977	64,977	75,306	76,947	76,947
Reimbursable Receipts[1,2]	$589,873	$349,123	$500,053	$290,735	$1,729,784	$266,512	$318,130	$452,767	$268,719	$1,306,128
Aircraft	$359,988	$263,444	$342,962	$181,272	$1,147,666	$224,963	$299,476	$427,855	$258,389	$1,210,683
Other Data	$229,885	$ 85,679	$157,091	$109,463	$ 582,118	$ 41,549	$ 18,654	$ 24,912	$ 10,330	$ 95,445
Items Shipped[1,2]	47,254	40,157	49,478	20,788	157,677	19,959	46,846	37,833	24,225	128,863
Aircraft Frames	37,225	34,759	42,069	17,769	131,822	19,443	46,546	37,645	24,085	127,719
Other Data Items	10,029	5,398	7,409	3,019	25,855	516	300	188	140	1,144
Customer Contacts[3]	10,145	25,521	11,781	9,771	57,218	10,496	12,370	11,652	11,864	46,382
Orders Processed[3]	4,765	4,227	3,921	4,486	17,399	4,743	4,636	4,861	5,088	19,328
Visitors to EDC[4]	943	1,054	2,427	1,837	6,261	593	782	1,611	1,054	4,040
Total EDC Staff	321	316	321[5]	316	316	321	316	340[6]	332	332

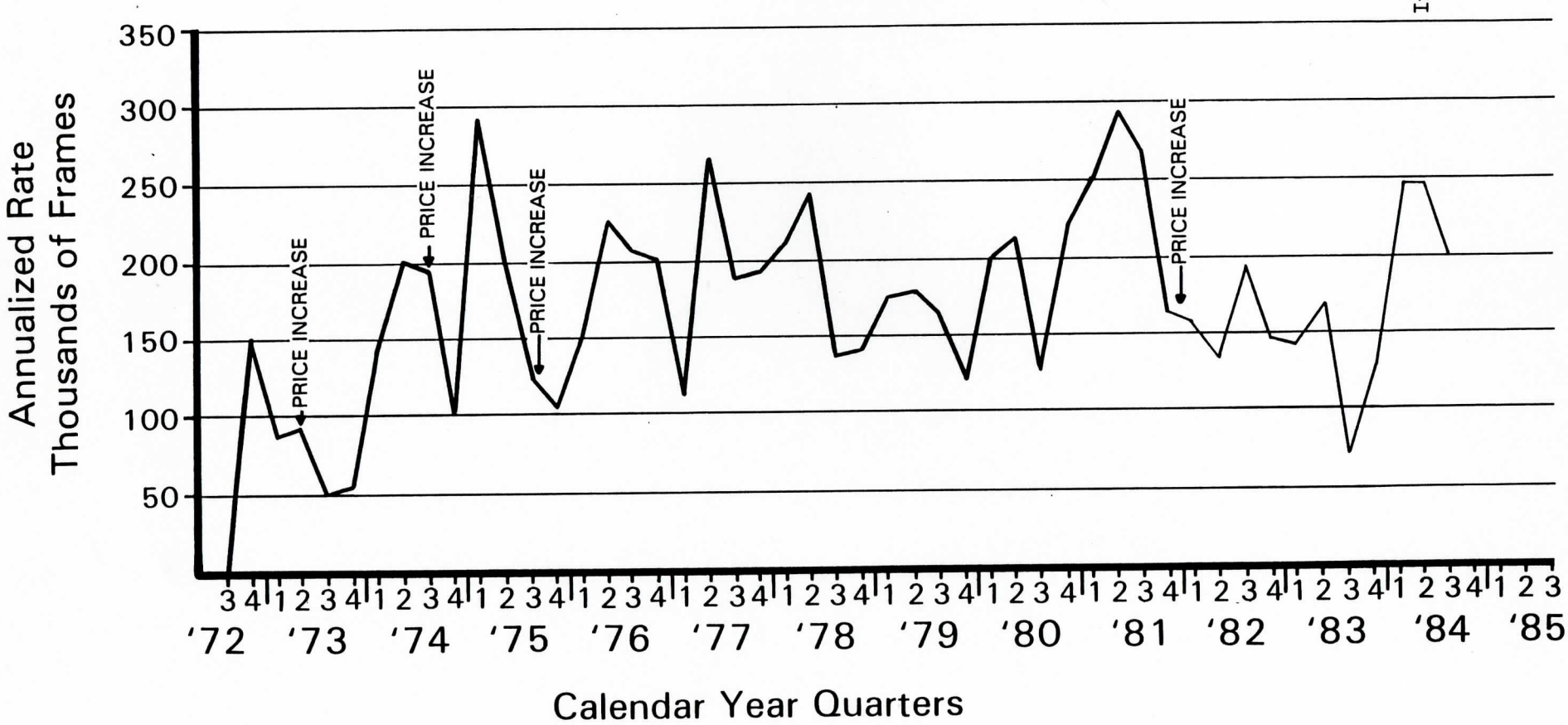
FY 1984 DATA

Profile of Aircraft Imagery Shipped Sales[2]
(Based on Dollars)

Other Federal Government	18%
State/Local Government	13%
Academia	8%
Industrial	46%
Individuals	14%
Non-U.S.[7]	1%

1 Excludes Landsat
2 Excludes Survey Products/Services in FY 84
3 Includes Landsat
4 Based on visitor registration
5 Includes 14 summer hires
6 Includes 16 summer hires
7 Based on address, not geographic coverage

Sale of Aircraft Imagery Frames



Includes Census Diapositive

NOTE: 4th Qtr. 83 and on includes Survey Products/Services

EROS DATA CENTER
NOAA LANDSAT PRODUCT SUMMARY

DATE ISSUED September 26, 1984

QUARTER July-September 1984

DATA PROFILE	CURRENT QUARTER Items	CURRENT QUARTER Dollars	LAST QUARTER Items	LAST QUARTER Dollars	QUARTER LAST YEAR Items	QUARTER LAST YEAR Dollars	% $ Change
1. Imagery	8,120	588,368	7,203	462,988	10,656	609,929	-4%
a. MSS/RBV/TIPS	(7,828)	(573,130)	(6,800)	(444,367)	(9,125)	(577,347)	-1%
b. TM Scrounge	(292)	(15,238)	(403)	(18,621)	(1,531)	(32,582)	-53%
2. Digital Products	976	366,900	708	351,310	424	341,230	8%
a. MSS/RBV/TIPS CCT's	(833)	(303,690)	(531)	(296,470)	(377)	(235,080)	29%
b. TM Scrounge CCT's	(24)	(56,850)	(18)	(46,000)	(41)	(105,550)	-46%
c. TM Scrounge Sample CCT'	(2)	(400)	(0)	(0)	(2)	(400)	0%
d. MSS Sample CCT's	(0)	(0)	(0)	(0)	(4)	(200)	----
e. Other Data	(117)	(5,960)	(159)	(8,840)			
3. Accession Aids		2,422		718		1,126	115%
4. Subtotal (#1-#3)	9,096	957,690	7,911	815,016	11,080	952,285	1%
5. Acquisition Charges and Cloud Cover Surcharges	6,741	2,149,390	6,080	2,078,610	5,104	1,460,565	47%
6. TOTAL LANDSAT REVENUE	15,837	3,107,080	13,991	2,893,626	16,184	2,412,850	29%
7. Sales Returns/Allowances (deducted from #1-4)		$ 14,099		$ 16,698		$ 11,535	
8. Reimbursable Work-In-Process (End-of-Quarter)		$ 221,398		$ 145,657		$ 233,249	
9. Average Order Turnaround Time for Std. Photo. and Digital Products		7 days		6 days		7 days	

REMARKS:
#7 "Current Quarter" excludes duplicate acquisitions processed for Dept. of Ag. and Other Agencies.
#8 "Current Quarter" excludes service charges of $125,950.

NOAA LANDSAT CUSTOMER PROFILE PERCENTAGES

JULY - SEPTEMBER 1984

CATEGORY	IMAGERY		DIGITAL PRODUCTS	
	Items	Dollars	Items	Dollars
Federal Government	59%	67%	64%	42%
U.S.G.S.	(7%)	(8%)	(7%)	(6%)
Other Federal	(52%)	(59%)	(57%)	(36%)
State/Local Government	2%	2%	2%	3%
Academic	3%	2%	8%	6%
Industrial	22%	19%	16%	29%
Individual	5%	3%	0%	1%
Non-U.S.	9%	7%	10%	19%
	100%	100%	100%	100%

NOAA LANDSAT
STATISTICAL SUMMARY

	FY 83 1ST QTR.	FY 83 2ND QTR.	FY 83 3RD QTR.	FY 83 4TH QTR.	FY 83 TOTAL	FY 84 1ST QTR.	FY 84 2ND QTR.	FY 84 3RD QTR.	FY 84 4TH QTR.	FY 84 TOTAL
Frames in EDC Data Base[1]	1,810,565	1,835,689	1,863,857	1,891,002	1,891,002	1,902,446	1,936,893	1,935,991	2,042,942	2,042,942
Revenue[1]	$245,244[3]	$1,718,937	$2,649,290	$2,412,850	$7,026,321[3]	$2,458,143	$1,504,374	$2,893,626	$3,107,080	$9,963,223
Imagery	$ 123,668	$ 500,753	$ 567,951	$ 609,929	$1,802,301	$ 678,859	$ 491,038	$ 462,988	$ 588,368	$2,221,253
Digital	$ 119,393	$ 299,355	$ 350,350	$ 341,230	$1,110,328	$ 502,130	$ 370,535	$ 351,310	$ 366,900	$1,590,875
Accession Aids	$ 2,183	$ 1,349	$ 17,359	$ 1,126	$ 22,017	$ 16,939	$ 741	$ 718	$ 2,422	$ 20,820
Acquisition Charges/ Cloud Cover Surcharges	N.A.	$ 917,480	$1,713,630	$1,460,565	$4,091,675	$1,260,215	$ 642,060	$2,078,610	$2,149,390	$6,130,275
Items Shipped/Acquisitions[1]	3,282	26,253	17,694	16,184	63,413	16,644	12,602	13,991	15,837	59,074
Imagery Frames	3,039	21,164	10,828	10,656	45,687	10,995	8,646	7,203	8,120	34,964
Digital Items	243	641	593	424	1,901	706	652	708	976	3,042
Acquisitions	N.A.	4,448	6,273	5,104	15,825	4,943	3,304	6,080	6,741	21,068
Customer Contacts[2]	10,145	25,521	11,781	9,771	57,218	10,496	12,370	11,652	11,864	46,382
Orders Processed[2]	4,765	4,227	3,921	4,486	17,399	4,743	4,636	4,861	5,088	19,328

FY 1984 DATA

Profile of Landsat Imagery Products (Based on Dollars)

Federal Government	52%
State/Local Government	3%
Academia	5%
Industrial	22%
Individuals	3%
Non-U.S.[5]	15%

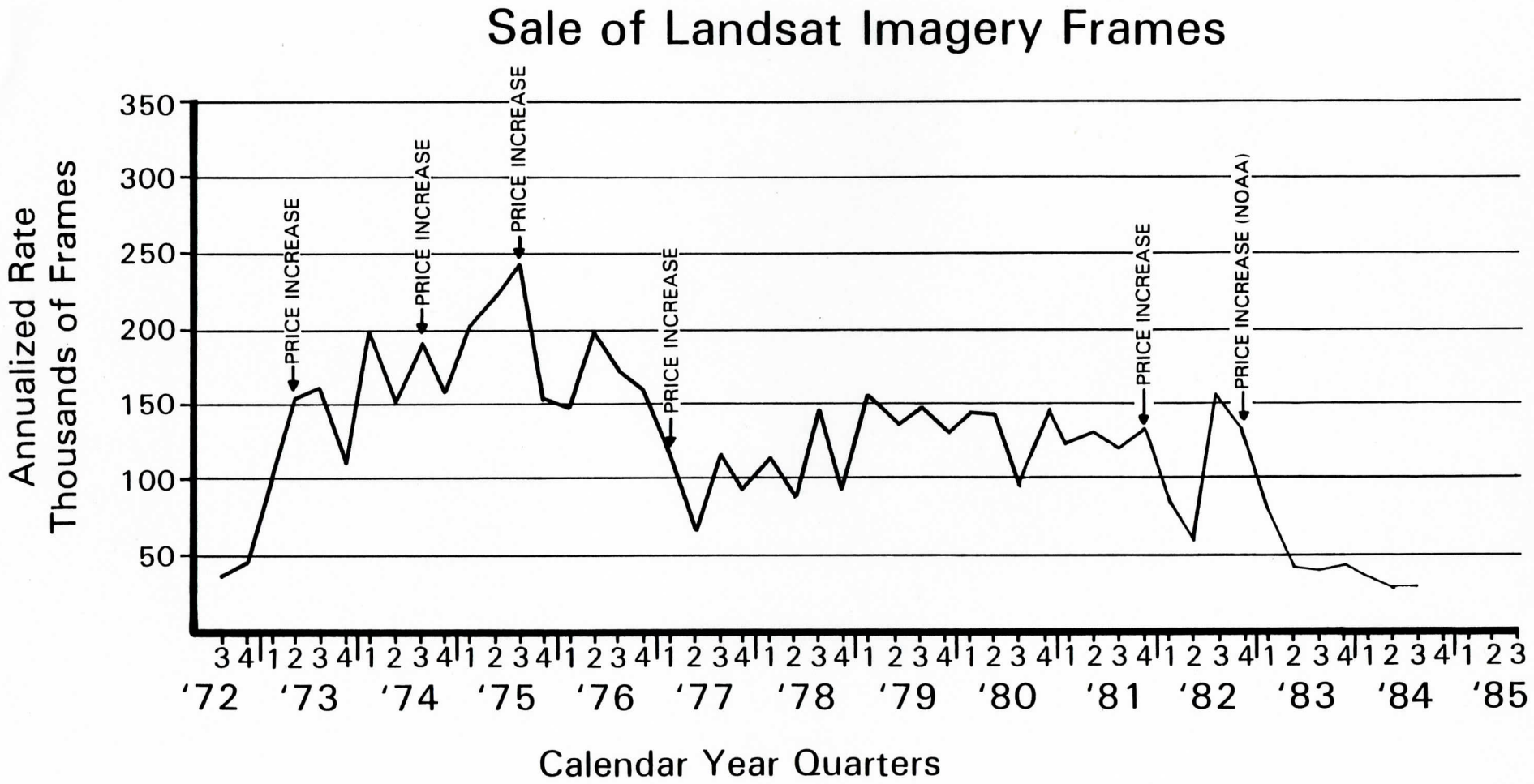
Type of Landsat Business[4]

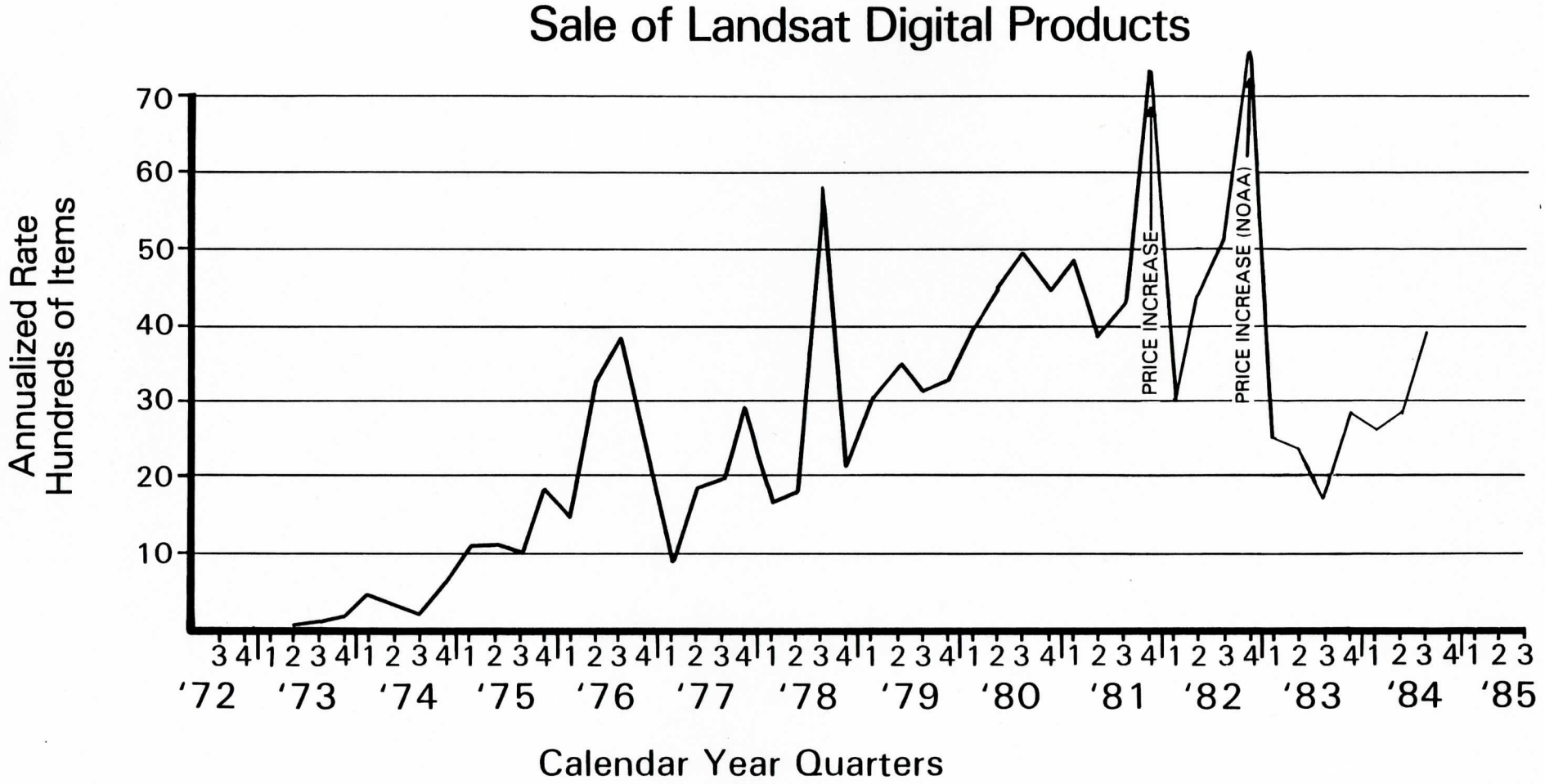
Imagery B/W Frames	67%
Imagery Color Frames	33%
Imagery B/W Dollars	69%
Imagery Color Dollars	31%

Profile of Landsat Digital Products (Based on Dollars)

Federal Government	35%
State/Local Government	3%
Academia	5%
Industrial	31%
Individual	1%
Non-U.S.[5]	25%

[1] Landsat only
[2] Includes Aircraft and Other Data
[3] Excludes $1,112,239 carryover from FY '82
[4] Excludes TM Scrounge Imagery
[5] Based on billing address, not geographic coverage


Sale of Landsat Imagery Frames
Annualized Rate
Thousands of Frames
350
300
250
200
150
100
50
PRICE INCREASE
PRICE INCREASE
PRICE INCREASE
PRICE INCREASE
PRICE INCREASE
PRICE INCREASE (NOAA)
3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3
'72 '73 '74 '75 '76 '77 '78 '79 '80 '81 '82 '83 '84 '85
Calendar Year Quarters


Sale of Landsat Digital Products
Annualized Rate
Hundreds of Items
70
60
50
40
30
20
10
PRICE INCREASE
PRICE INCREASE (NOAA)
3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3
'72 '73 '74 '75 '76 '77 '78 '79 '80 '81 '82 '83 '84 '85
Calendar Year Quarters

EDC ARCHIVES/DATA DEMAND-FY84

(Excludes Landsat Revenue)

ARCHIVES

5,400,000 FRAMES

(99% Aircraft data/1% Other data)

SURVEY PRODUCTS & SERVICES			REIMBURSABLE PRODUCTS	
Items	Dollars	CATEGORY	Items	Dollars
78,500	600,412	Aircraft Imagery	127,609	1,206,078
——	35	Aircraft Accession Aids	——	2,537
17,509	452,393	Other Satellite, Misc. Services & Products	999	79,773
45	2,980	SLAR Data	247	16,740
0	0	NURE Data	8	1,000
96,054	**$1,055,820**	**TOTAL**	**128,863**	**$1,306,128**

FY84 Aircraft Imagery Customer Profile*

Customer Type	Item %	Dollar %
Federal Government	51%	45%
State/Local Government	4%	9%
Academia	5%	5%
Industry	33%	31%
Individuals	6%	9%
Non-U.S.	1%	1%
Total	**100%**	**100%**

*Includes NHAP Census data and SLAR data

EDC/NOAA DATA DELIVERIES & SERVICES FY 1984

ARCHIVES

7,443,000 FRAMES

(72% Aircraft/27% Landsat/1% Other satellite)

EDC/USGS DATA DEMAND*

Category	Items	Dollars
Aircraft Imagery	206,245	1,812,385
Aircraft Accession Aids	——	2,572
Other Satellite Imagery	217	6,757
Miscellaneous Services	40	3,746
Miscellaneous Products	18,407	535,488
NURE Data	8	1,000
TOTAL	**224,917**	**$2,361,948**

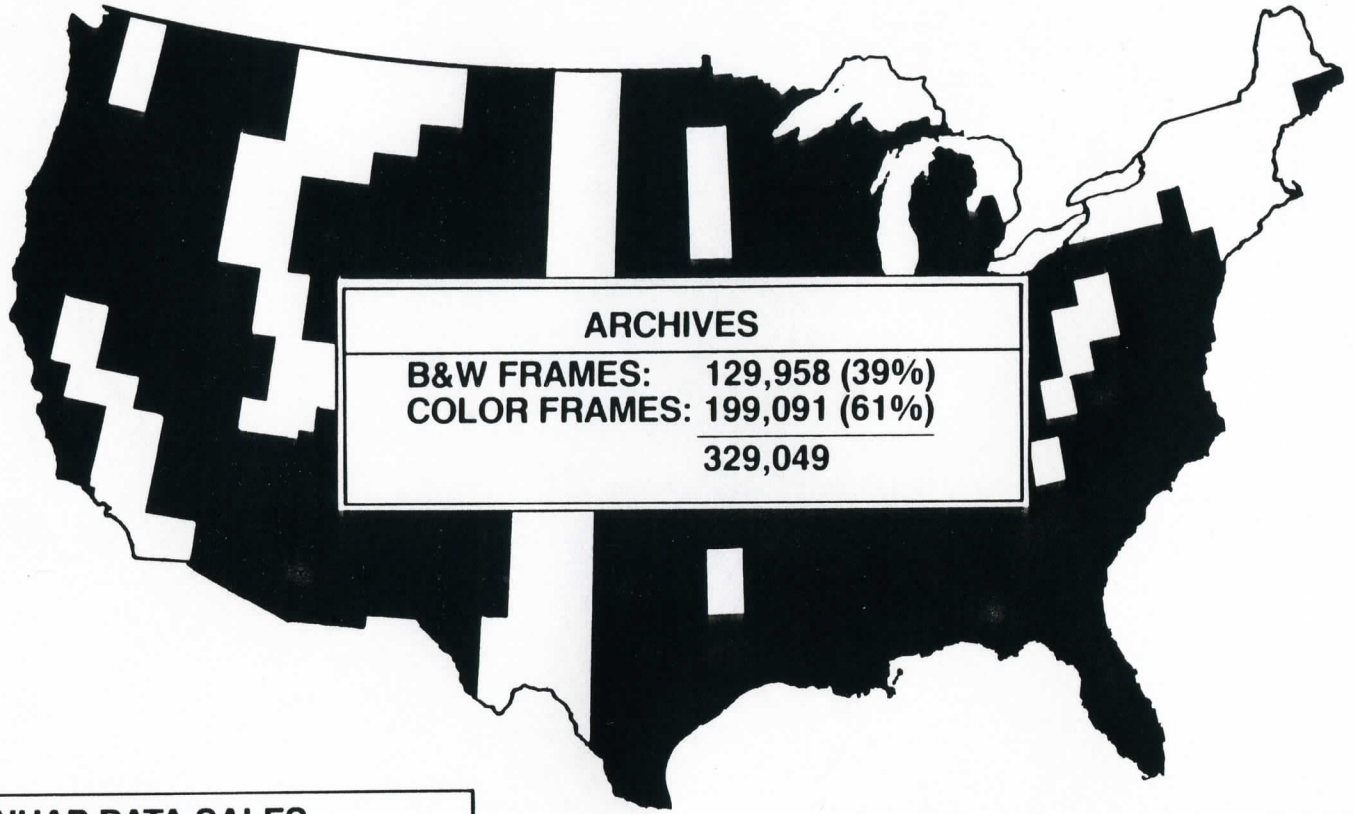
NOAA LANDSAT REVENUE

Category	Items	Dollars
Imagery Products	34,964	2,221,253
Digital Products	3,042	1,590,875
Accession Aids	——	20,820
Total Landsat Products	**38,006**	**$3,832,948**
Acquisition Charges/Cloud Cover Surcharges	21,068	6,130,275
TOTAL LANDSAT REVENUE	**59,074**	**$9,963,223**

GRAND TOTAL $12,325,171

*Includes $1,231,335 NHAP sales and $19,720 SLAR sales

NATIONAL HIGH ALTITUDE PHOTOGRAPHY (NHAP)
ARCHIVES/DATA DEMAND-FY84
September, 1984



NHAP DATA SALES

YEAR	FRAMES	DOLLARS
FY 81	37,036	$ 189,195
FY 82	42,229	381,650
FY 83	53,130	503,317
FY 84	127,335	1,231,335
TOTAL	**259,730**	**$2,305,497**

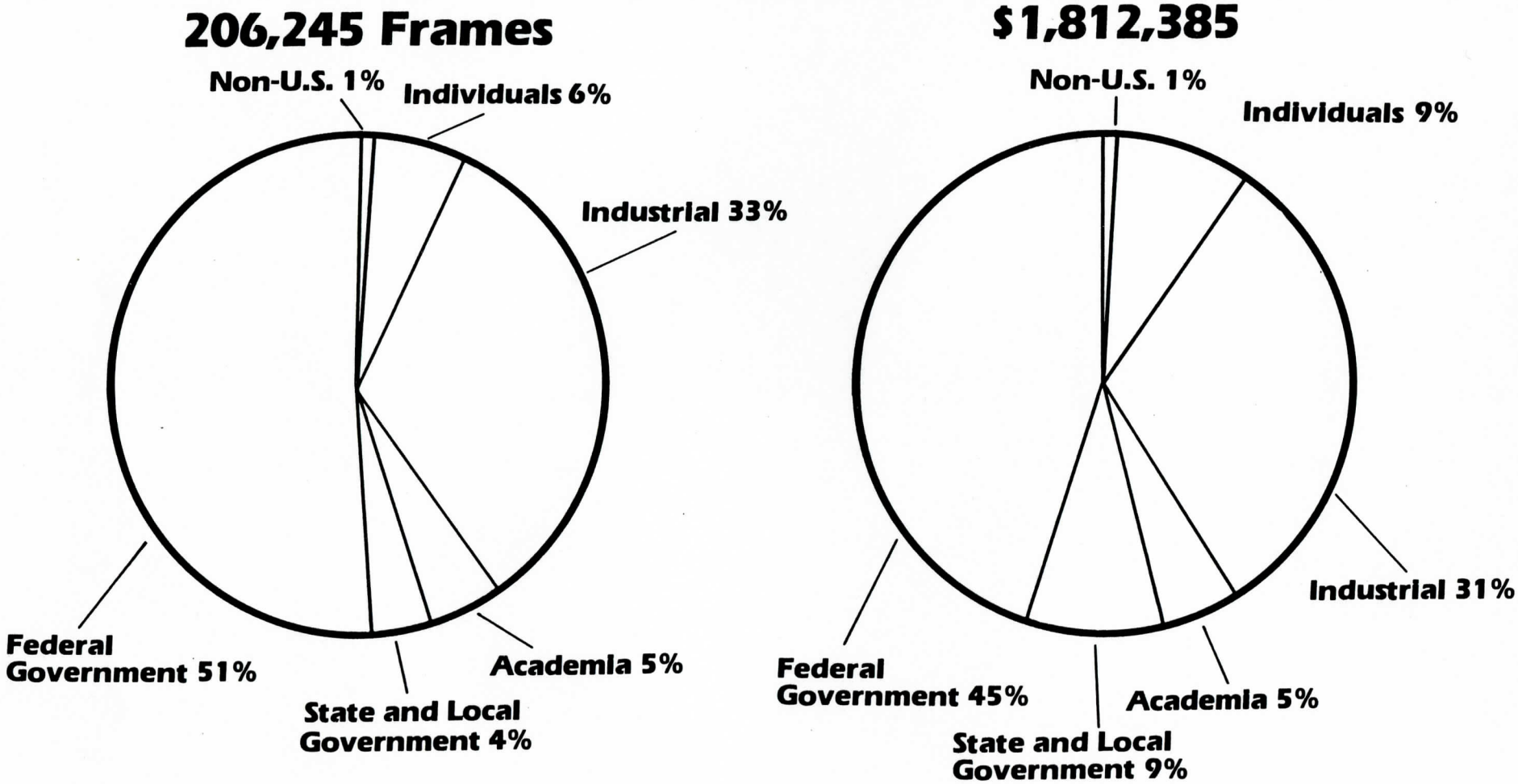
NHAP % OF TOTAL AIRCRAFT

1984 FRAMES 57%
1984 DOLLARS 52%

B&W VS. COLOR FRAME PERCENT

YEAR	PERCENT
FY 81	70%/30%
FY 82	72%/28%
FY 83	64%/36%
FY 84	41%/59%

EDC/USGS Customer Profile of Aircraft Imagery
FY 1984*



*Includes NHAP Census Data

CUSTOMER PROFILE OF AIRCRAFT IMAGERY

(Includes Survey Products)

November 3, 1984

Category	FY 84			
	Frames	Frame %	Dollars	Dollar %
Federal Government	104,912	51%	815,485	45%
State/Local Government	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%

CUSTOMER PROFILE OF AIRCRAFT IMAGERY
(Includes Survey Products)

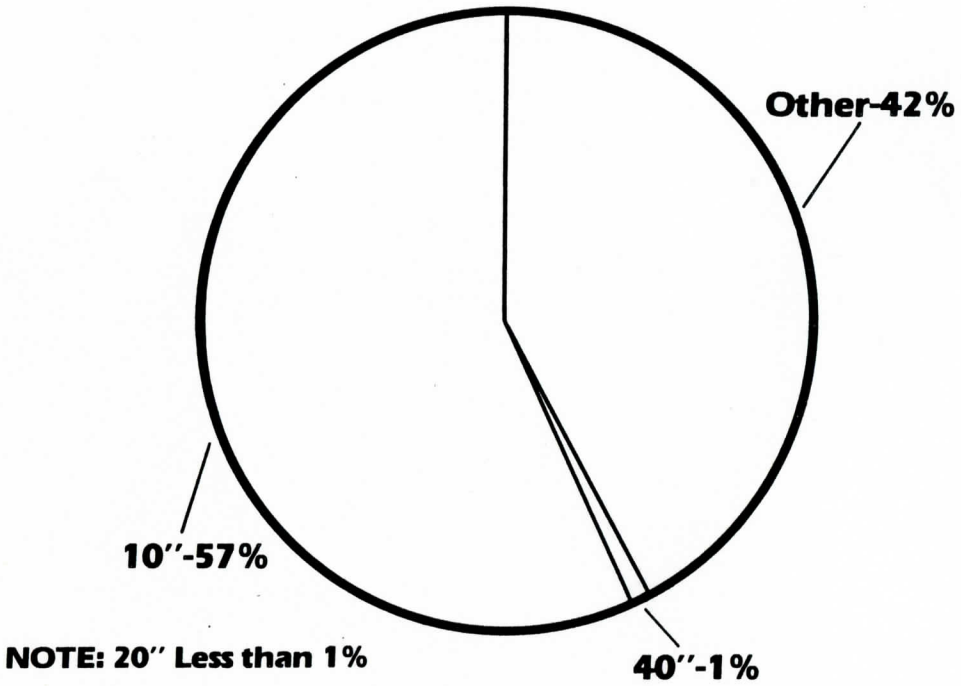
November 3, 1984

CATEGORY	FY 78				FY 79				FY 80			
	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %
Federal Government (Less N.I.'s)	97,355	50%	446,387	46%	76,731	48%	358,866	42%	55,217	33%	286,055	31%
NASA Investigators	792	0%	2,611	0%	0	0%	0	0%	0	0%	0	0%
State/Local Gov't.	3,840	2%	23,854	3%	5,450	3%	33,949	4%	6,208	4%	38,091	4%
Academic	17,176	9%	81,049	8%	15,451	10%	74,305	8%	28,676	17%	118,700	13%
Industrial	61,752	31%	317,644	33%	49,976	31%	300,376	35%	56,067	34%	340,509	37%
Individual	13,179	7%	91,198	9%	13,298	8%	96,885	11%	19,383	11%	133,347	14%
Non-U.S.	2,781	1%	11,098	1%	415	0%	1,963	0%	1,088	1%	5,567	1%
TOTAL	196,875	100%	$973,841	100%	161,321	100%	$866,344	100%	166,639	100%	$922,269	100%

CATEGORY	FY 81				FY 82				FY 83			
	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %
Federal Government	125,533	48%	587,373	41%	82,360	51%	528,020	42%	73,664	56%	517,153	45%
State/Local Gov't.	8,735	3%	54,140	4%	6,728	4%	41,799	3%	3,718	3%	49,505	4%
Academic	20,270	8%	113,880	8%	11,622	7%	100,712	8%	10,003	8%	84,094	7%
Industrial	78,568	30%	487,839	34%	45,837	28%	424,905	34%	32,806	25%	359,879	31%
Individual	22,979	9%	172,825	12%	14,639	9%	147,509	12%	10,949	8%	131,244	12%
Non-U.S.	3,739	2%	13,937	1%	1,635	1%	14,058	1%	682	0%	5,791	1%
TOTAL	259,824	100%	$1,429,994	100%	162,821	100%	$1,257,003	100%	131,822	100%	$1,147,666	100%

EDC/USGS Product Size/Type Profile of Aircraft Imagery Frames
FY 1984

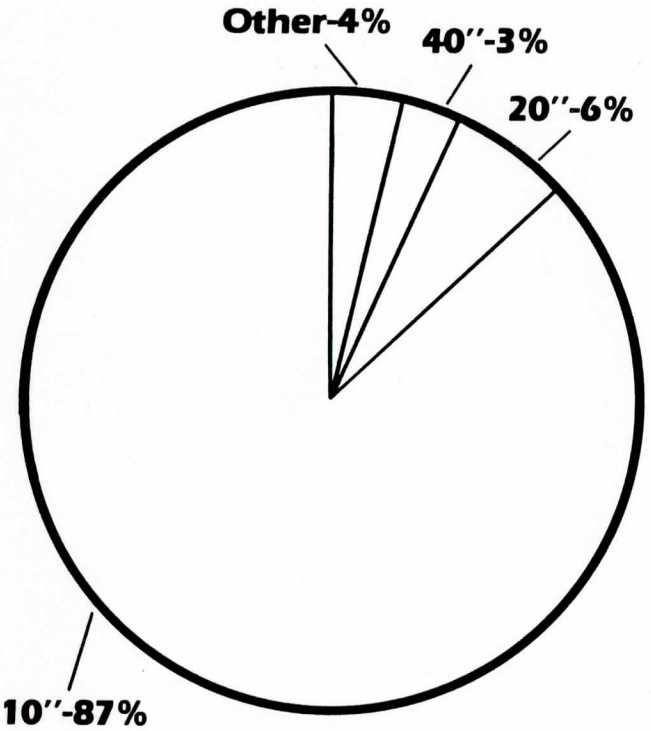
B/W FRAME PERCENT



NOTE: 20'' Less than 1%

Frames: 150,755
Total Frames: 206,245

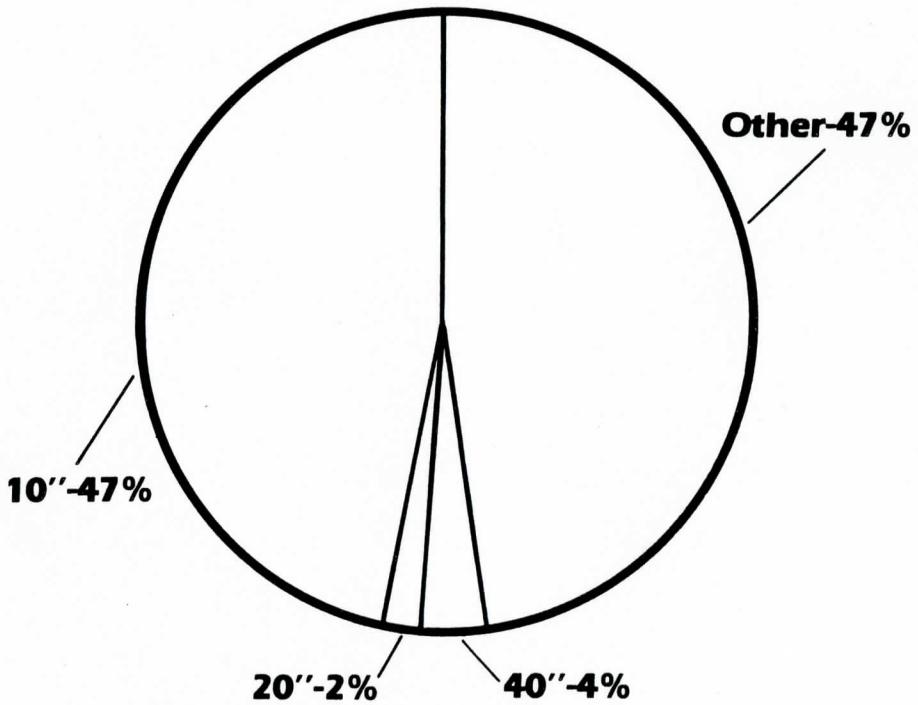
COLOR FRAME PERCENT



Frames: 55,490
B/W: 73% Color: 27%

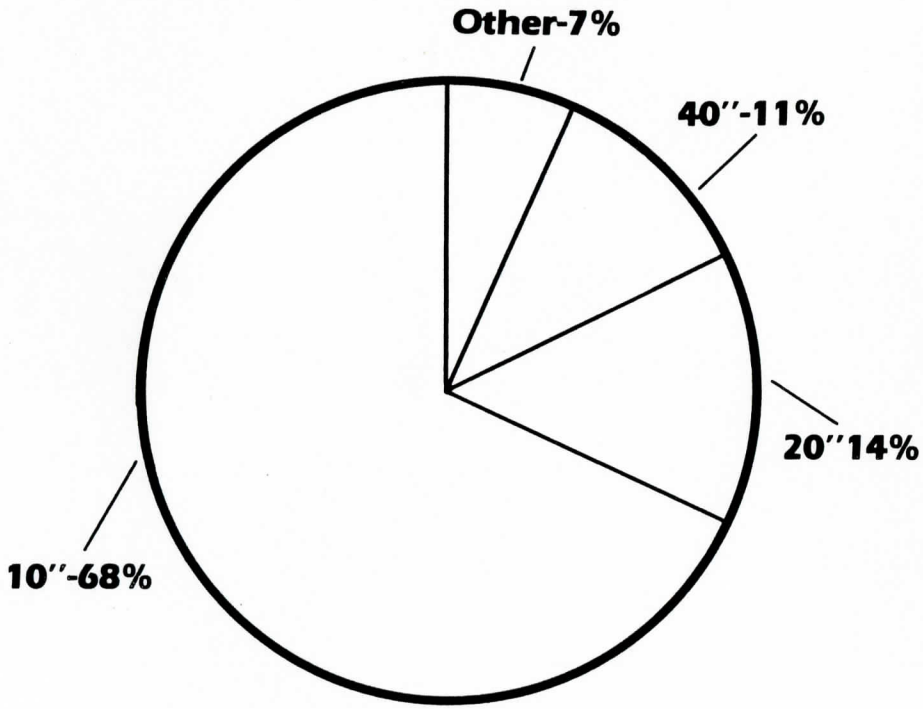
EDC/USGS Product Size/Type Profile of Aircraft Imagery Dollars
FY 1984

B/W DOLLAR PERCENT



Dollars: $866,178
Total Dollars: $1,812,385

COLOR DOLLAR PERCENT



Dollars: $946,207
B/W: 48% Color: 52%

EROS DATA CENTER
NOAA LANDSAT PRODUCT SUMMARY

DATE ISSUED October 11, 1984 FISCAL YEAR 1984

DATA PROFILE	CURRENT FISCAL YEAR Items	CURRENT FISCAL YEAR Dollars	LAST FISCAL YEAR Items	LAST FISCAL YEAR Dollars	% $ Change
1. Imagery	34,964	2,221,253	45,687	1,802,301	23%
a. MSS/RBV/TIPS	(31,869)	(2,051,022)	(40,303)	(1,626,012)	26%
b. TM Scrounge	(3,095)	(170,231)	(5,384)	(176,289)	- 3%
2. Digital Products	3,042	1,590,875	1,901	1,110,328	43%
a. MSS/RBV/TIPS CCT's	(2,607)	(1,252,535)	(1,581)	(867,528)	44%
b. TM Scrounge CCT's	(123)	(319,400)	(142)	(219,800)	45%
c. TM Scrounge Sample CCT's	(10)	(2,000)	(96)	(18,900)	-89%
d. MSS Sample CCT's	(6)	(450)	(82)	(4,100)	-89%
e. Other Products	(296)	(16,490)			
3. Accession Aids		20,820		22,017	- 5%
4. Subtotal (#1-#3)	38,006	3,832,948	47,588	2,934,646	31%
5. Acquisition Charges and Cloud Cover Surcharges	21,068	6,130,275	15,825	4,091,675	50%
6. TOTAL LANDSAT REVENUE	59,074	9,963,223	63,413	7,026,321	42%
7. Sales Returns/Allowances (deducted from #1-4)	$ 83,075		$ 107,859		
8. Reimbursable Work-In-Process (End-of-Year)	$ 221,398		$ 233,249		
9. Average Order Turnaround Time for Std. Photo. and Digital Products	6 days		9 days		

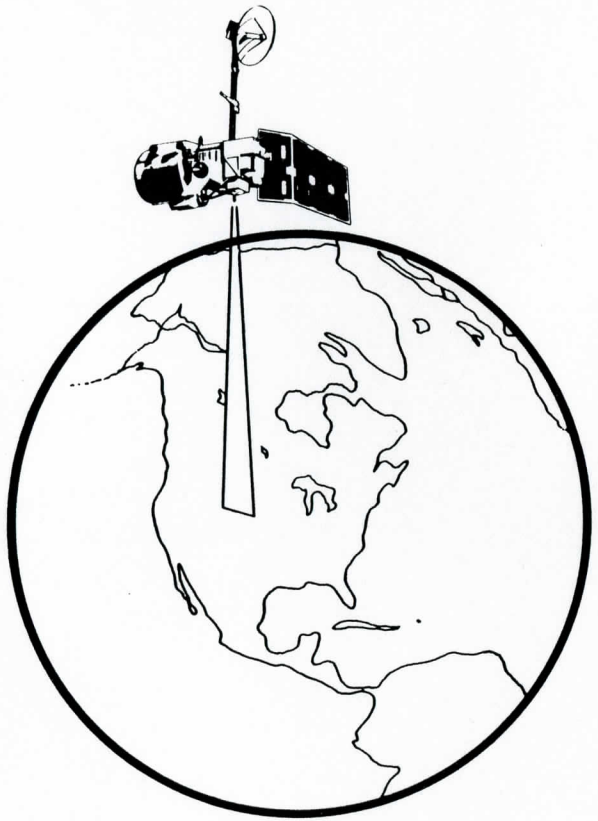
REMARKS:
#7 "Current Fiscal Year" excludes $1,174,425 for duplicate acquisitions for Dept. of Ag. and other Agencies.
#8 "Current Fiscal Year" excludes service charges of $125,950.
#7 "Last Fiscal Year" excludes duplicate acquisitions processed for Dept. of Ag. and other Agencies.
#8 "Last Fiscal Year" excludes $89,440 for duplicate acquisitions processed for Dept. of Ag. and other Agencies.
#9 "Last Fiscal Year" is based on data for 7 months.

NOAA LANDSAT CUSTOMER PROFILE PERCENTAGES

FY 1984

CATEGORY	IMAGERY PRODUCTS		DIGITAL PRODUCTS	
	Items	Dollars	Items	Dollars
Federal Government	41%	52%	49%	35%
U.S.G.S.	(5%)	(6%)	(6%)	(5%)
Other Federal	(36%)	(46%)	(43%)	(30%)
State/Local Government	3%	3%	2%	3%
Academic	7%	5%	9%	5%
Industrial	22%	22%	20%	31%
Individual	5%	3%	1%	1%
Non-U.S.	22%	15%	19%	25%
	100%	100%	100%	100%

TOTAL LANDSAT ARCHIVES/DATA DEMAND FY 1984



LANDSAT ARCHIVES: 2,043,000 FRAMES

LANDSAT DATA DELIVERIES AND REVENUE

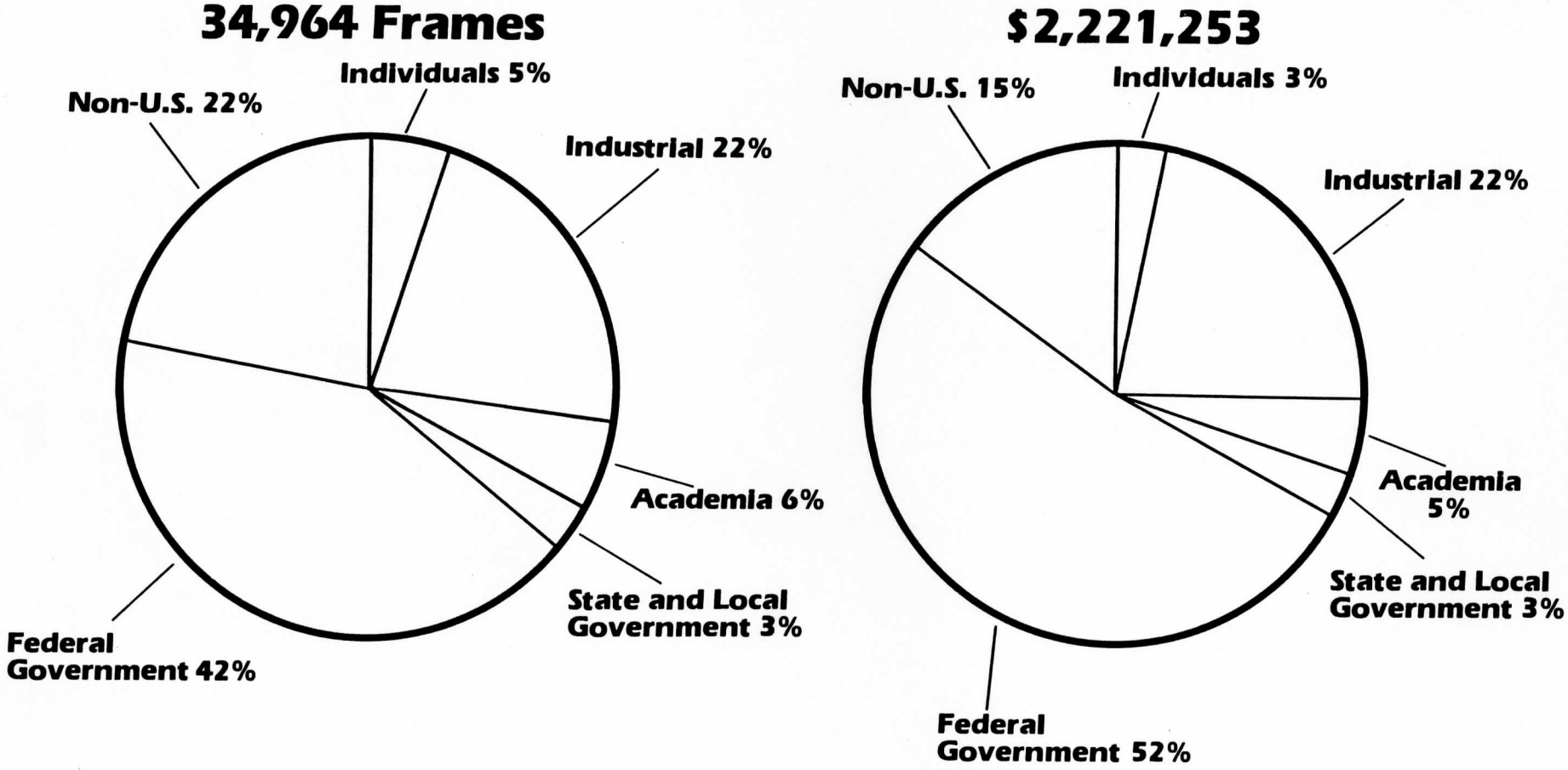
Category	Items	Dollars
Imagery Products	34,964	$2,221,253
Digital Products	3,042	1,590,875
Accession Aids	N/A	20,820
Acq'n Charges/Cloud Cover Surcharges	21,068	6,130,275
TOTAL	**59,074**	**$9,963,223**

IMAGERY AND DIGITAL CUSTOMER PROFILE

34,964	**FRAMES**	**$2,221,253**
3,042	**ITEMS**	**1,590,875**
38,006	**TOTAL**	**$3,812,128**

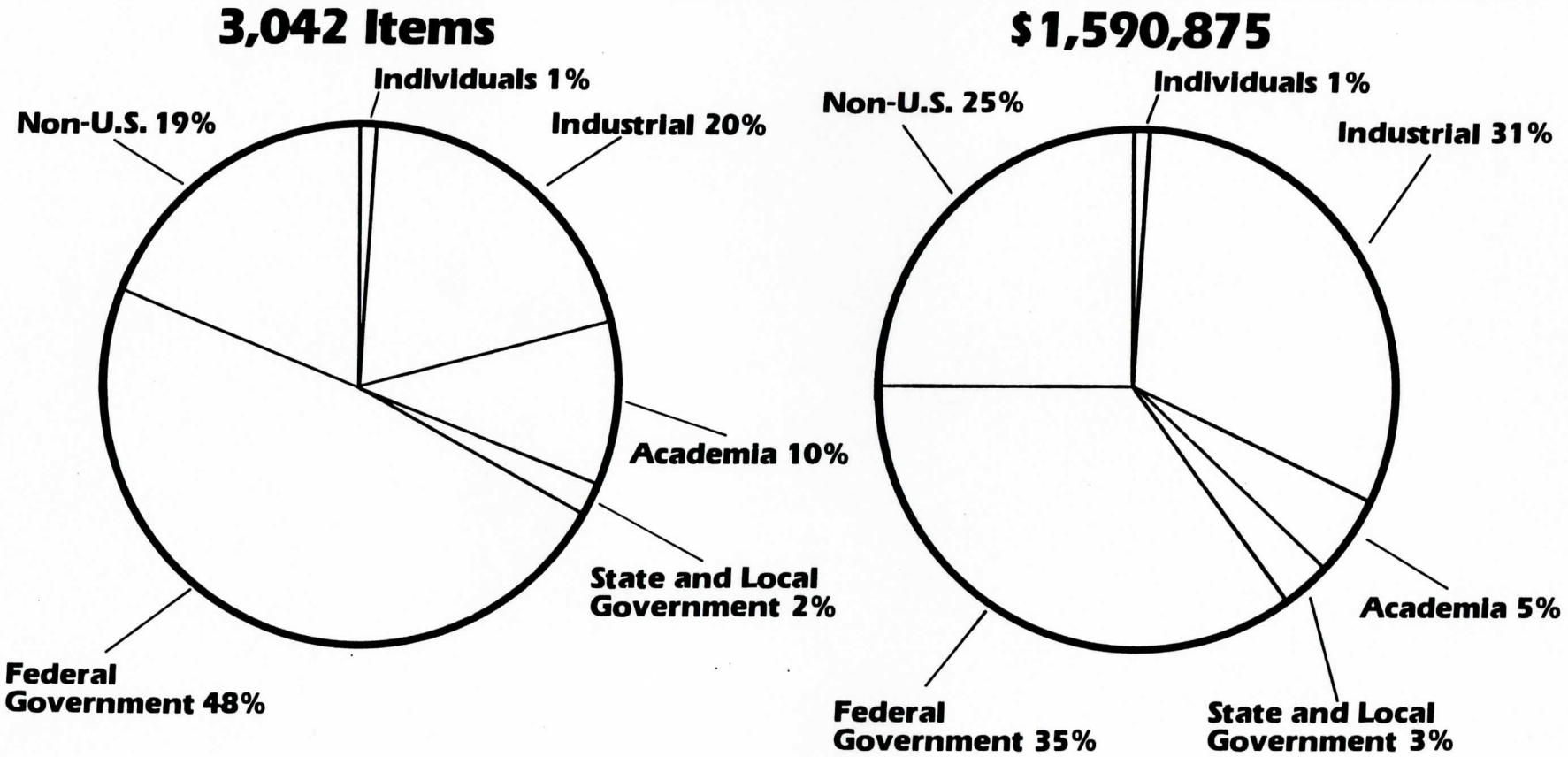
Customer	%-Items	%-Dollars
Federal Government	42%	45%
State/Local Government	3%	3%
Academia	7%	5%
Industrial	22%	26%
Individual	5%	2%
Non-U.S.	21%	19%

Customer Profile of Landsat Imagery
FY 1984



Customer Profile of Landsat Digital Products

FY 1984



CUSTOMER PROFILE OF LANDSAT IMAGERY AND DIGITAL PRODUCTS

(Includes Thematic Mapper Products and
excludes Accession Aids and Service Charges)

November 3, 1984

Category	FY 84			
	Items	Item %	Dollars	Dollar %
Federal Government	16,017	42%	1,696,710	45%
State/Local Government	1,222	3%	122,163	3%
Academia	2,578	7%	181,433	5%
Industry	8,213	22%	985,362	26%
Individual	1,848	5%	84,498	2%
Non-U.S.	8,128	21%	741,962	19%
TOTAL	38,006	100%	$3,812,128	100%

CUSTOMER PROFILE OF LANDSAT IMAGERY AND DIGITAL PRODUCTS
(Includes Thematic Mapper Products and
excludes Accession Aids and Service Charges)

November 3, 1984

CUSTOMER CATEGORY	FY 78				FY 79				FY 80			
	Items	Item %	Dollars	$ %	Items	Item %	Dollars	$ %	Items	Item %	Dollars	$ %
Federal Government	28,020	25%	597,269	30%	32,692	24%	501,214	23%	25,919	19%	392,591	16%
NASA Investigators	552	0%	13,431	1%	0	0%	0	0%	0	0%	0	0%
State/Local Gov't.	1,515	1%	31,557	1%	968	0%	19,281	1%	4,225	3%	78,327	3%
Academic	10,222	9%	159,379	8%	14,742	11%	235,231	11%	12,977	10%	202,401	9%
Industrial	21,321	19%	469,924	24%	25,903	19%	508,792	24%	24,723	19%	614,400	26%
Individuals	5,537	5%	73,808	4%	9,247	7%	102,854	5%	8,147	6%	96,982	4%
Non-U.S.	46,409	41%	630,700	32%	53,912	39%	764,441	36%	56,581	43%	1,003,866	42%
TOTAL	113,576	100%	$1,976,068	100%	137,464	100%	$2,131,813	100%	132,572	100%	$2,388,567	100%

CUSTOMER CATEGORY	FY 81				FY 82				FY 83*			
	Items	Item %	Dollars	$ %	Items	Item %	Dollars	$ %	Items	Item %	Dollars	$ %
Federal Government	29,177	22%	481,067	19%	24,000	20%	571,807	20%	21,170	26%	1,460,230	36%
State/Local Gov't.	3,470	3%	107,667	4%	5,251	4%	146,897	5%	3,611	5%	161,742	4%
Academic	11,401	9%	198,611	8%	7,753	7%	201,577	7%	5,688	7%	262,518	6%
Industrial	29,821	22%	758,245	31%	23,078	19%	924,540	31%	16,661	21%	1,031,045	26%
Individual	9,292	7%	117,642	5%	5,953	5%	126,565	4%	3,832	5%	112,323	3%
Non-U.S.	49,965	37%	832,036	33%	53,964	45%	969,893	33%	29,258	36%	997,010	25%
TOTAL	133,126	100%	$2,495,268	100%	119,999	100%	$2,941,279	100%	80,220	100%	$4,024,868	100%

*Includes WIP Carryover from FY 82.

CUSTOMER PROFILE OF LANDSAT IMAGERY

(Includes Thematic Mapper Products)

November 3, 1984

Category	FY 84			
	Frames	Frame %	Dollars	Dollar %
Federal Government	14,543	42%	1,143,470	52%
State/Local Government	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	100%

CUSTOMER PROFILE OF LANDSAT IMAGERY

November 3, 1984

CATEGORY	FY 78				FY 79				FY 80			
	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %
Federal Government (Less N.I.'s)	26,995	24%	428,269	30%	31,973	24%	383,964	24%	25,297	20%	277,631	18%
NASA Investigators	512	1%	5,431	0%	0	0%	0	0%	0	0%	0	0%
State/Local Gov't.	1,465	1%	21,557	1%	943	1%	15,381	1%	4,134	3%	59,877	4%
Academic	9,966	9%	108,179	8%	14,336	10%	159,431	10%	12,702	10%	149,501	9%
Industrial	20,495	19%	304,624	21%	25,151	19%	366,192	23%	23,467	18%	365,230	23%
Individual	5,524	5%	71,208	5%	9,198	7%	93,654	6%	8,121	6%	91,932	6%
Non-U.S.	45,766	41%	502,100	35%	52,881	39%	569,491	26%	54,712	43%	635,166	40%
Non-Identified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	110,723	100%	$1,441,368	100%	134,482	100%	$1,588,113	100%	128,433	100%	$1,579,337	100%

CATEGORY	FY 81				FY 82				FY 83*			
	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %	Frames	Fr.%	Dollars	$ %
Federal Government	28,355	22%	334,367	20%	22,741	20%	277,297	17%	16,907	24%	887,784	40%
State/Local Gov't.	3,177	2%	49,067	3%	4,923	4%	75,297	4%	3,415	5%	95,163	4%
Academic	11,123	9%	144,361	9%	7,460	6%	124,827	7%	4,987	7%	123,375	5%
Industrial	28,219	22%	439,545	27%	21,308	19%	472,840	28%	14,620	20%	510,532	23%
Individual	9,273	7%	113,842	7%	5,900	5%	111,765	7%	3,562	5%	99,230	4%
Non-U.S.	48,628	38%	567,986	34%	52,693	46%	629,093	37%	27,746	39%	530,510	24%
TOTAL	128,775	100%	$1,649,168	100%	115,025	100%	$1,691,119	100%	71,237	100%	$2,246,594	100%

*Includes carryover from FY 82; excludes Scrounge Thematic Mapper products (5,384 frames, $176,289).

CUSTOMER PROFILE OF LANDSAT DIGITAL PRODUCTS

(Includes Thematic Mapper Products)

November 3, 1984

Category	FY 84			
	Items	Item %	Dollars	Dollar %
Federal Government	1,474	48%	553,240	35%
State/Local Government	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%

CUSTOMER PROFILE OF LANDSAT DIGITAL PRODUCTS

November 3, 1984

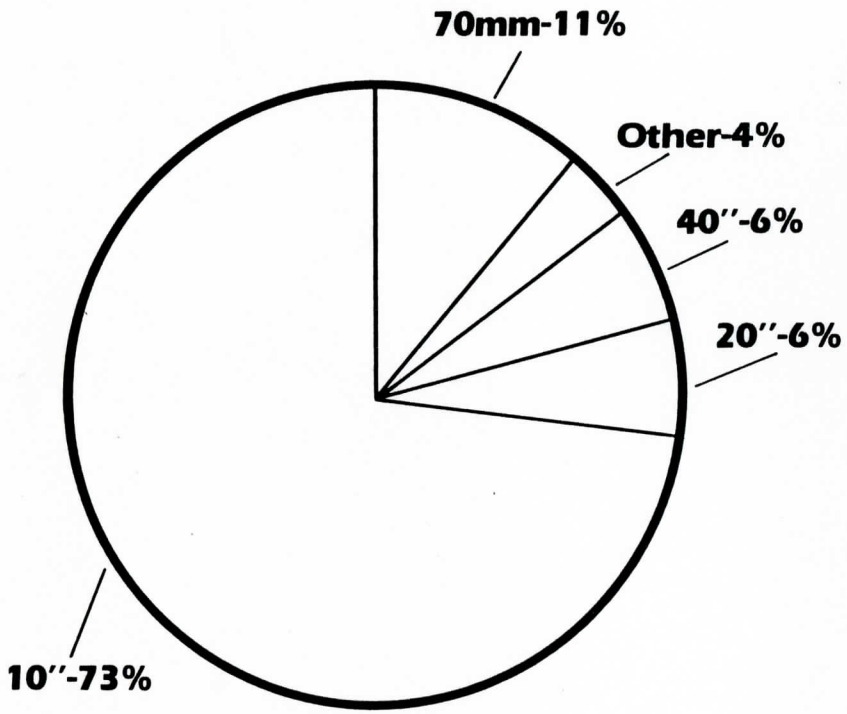
CATEGORY	FY 80				FY 81			
	Items	It.%	Dollars	$ %	Items	It.%	Dollars	$ %
Federal Government	622	15%	114,960	14%	822	19%	146,700	17%
State/Local Govern.	91	2%	18,450	2%	293	7%	58,600	7%
Academic	275	7%	52,900	6%	278	6%	54,250	6%
Industrial	1,256	30%	249,170	31%	1,602	37%	318,700	38%
Individuals	26	1%	5,050	1%	19	0%	3,800	1%
Non-U.S.	1,869	45%	368,700	46%	1,337	31%	264,050	31%
TOTAL	4,139	100%	$809,230	100%	4,351	100%	$846,100	100%

CATEGORY	FY 82				FY 83*			
	Items	It.%	Dollars	$ %	Items	It.%	Dollars	$ %
Federal Government	1,259	25%	294,510	24%	995	30%	375,265	28%
State/Local Govern.	328	7%	71,600	6%	154	5%	61,510	5%
Academic	293	6%	76,750	6%	286	9%	108,020	8%
Industrial	1,770	36%	451,700	36%	952	29%	407,810	30%
Individuals	53	1%	14,800	1%	9	0%	6,230	0%
Non-U.S.	1,271	25%	340,800	27%	883	27%	400,350	29%
TOTAL	4,974	100%	$1,250,160	100%	3,279	100%	$1,359,185	100%

*Includes carryover from FY 82; excludes Scrounge Thematic Mapper products (320 items, $242,800).

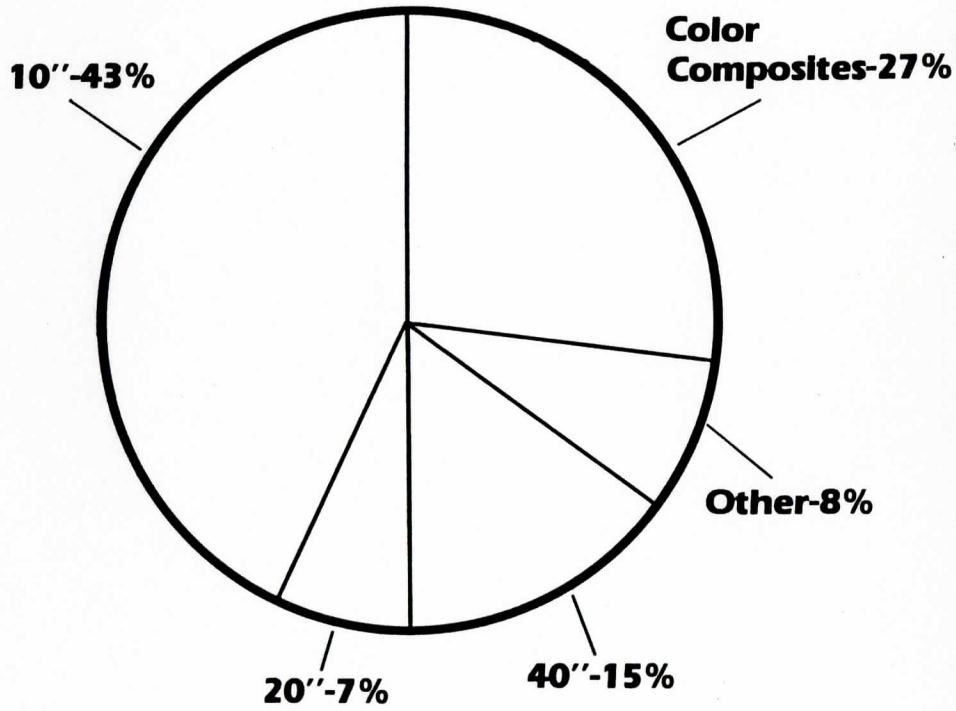
NOAA Product Size/Type
Profile of Landsat Imagery Frames*
FY 1984

B/W FRAME PERCENT



Frames: 21,362
Total Frames: 31,869

COLOR FRAME PERCENT

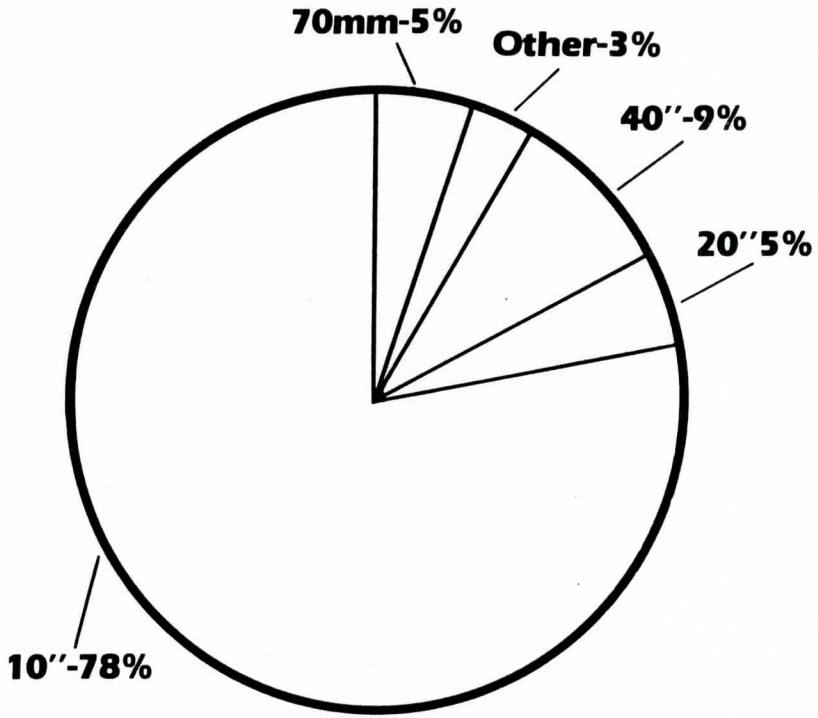


Frames: 10,507
B/W 67% Color: 33%

*Excludes TM Scrounge Imagery

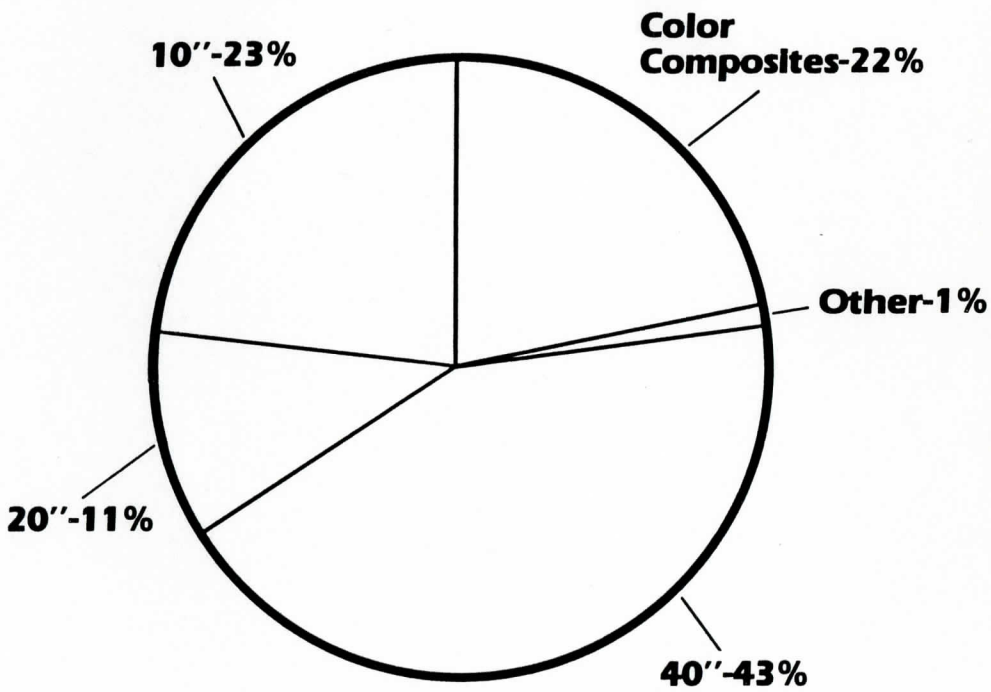
NOAA Product Size/Type
Profile of Landsat Imagery Dollars*
FY 1984

B/W DOLLAR PERCENT



Dollars: $1,409,533
Total Dollars: $2,051,022

COLOR DOLLAR PERCENT



Dollars: $641,489
B/W: 69% Color: 31%

*Excludes TM Scrounge Imagery