



# **USGS Earth Resources Observation and Science (EROS) Center**

## **Records Management Report**

**December 2019**

# Records Management Report

## December 2019

Questions or comments concerning data holdings referenced in this report may be directed to:

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# Records Management Report December 2019

## National Land Imaging Program

### Aircraft Sources

Film Holdings	Date Range	Rolls	Frames	Monthly Change	
				Rolls	Frames
<b>Department of Interior</b>					
USGS	Jan-58 May-12	5,129	855,218		
National Aerial Photography Program	Jun-87 Aug-04	8,687	1,355,244		
Urban Areas	Feb-02 Oct-10	477	91,324		
National High-Altitude Photography	Feb-80 Jun-95	2,932	511,038		
Bureau of Reclamation	Mar-39 Dec-03	863	116,830		
National Park Service	Mar-57 Oct-06	221	41,422		
South Dakota State University	Nov-71 Jun-72	2	88		
EROS Acquired	Apr-39 Sep-12	996	133,078		
McDonnell Douglas	Jan-56 Jul-75	790	194,432		
AHAP JSC	Jul-77 Sep-80	93	19,278		
AHAP AMES	Oct-76 Sep-86	206	43,178		
<b>Total</b>		<b>20,396</b>	<b>3,361,130</b>	<b>0</b>	<b>0</b>
<b>Department of Defense</b>					
Army Map Service	Jul-41 Feb-76	1,638	209,224		
U.S. Air Force	Dec-40 Aug-93	1,801	291,791		
U.S. Navy	May-45 Jan-73	985	133,731		
Corp of Engineers	Apr-69 Apr-89	67	25,138		
<b>Total</b>		<b>4,491</b>	<b>659,884</b>	<b>0</b>	<b>0</b>
<b>NASA</b>					
Ames Research Center	Aug-71 Oct-99	2,789	554,725		
<sup>5</sup> Johnson Space Center	Sep-65 Jul-83	6,296	1,156,123	0	-15
Wallops Island	Apr-70 Dec-79	691	65,728		
Stennis	Dec-73 Dec-73	1	306		
Kennedy Space Center	Sep-72 Aug-76	225	13,247		
Marshall Space Flight Center	May-72 Jul-77	39	7,615		
<b>Total</b>		<b>10,041</b>	<b>1,797,744</b>	<b>0</b>	<b>-15</b>
<b>GRAND TOTAL AIRCRAFT FILM HOLDINGS</b>		<b>34,928</b>	<b>5,818,758</b>	<b>0</b>	<b>-15</b>

## National Land Imaging Program (Non-USGS)

### Aircraft Sources

Film Holdings	Date Range	Rolls	Frames	Rolls	Frames
<b>Total</b>		<b>528</b>	<b>113,772</b>	<b>0</b>	<b>0</b>

## Records Management Report December 2019

### National Land Imaging Program Aircraft Sources

Digital Holdings	Date Range	Tapes	Granules	Files	Monthly Change	
					Tapes	Granules
<b>USGS</b>						
TMS/NS001 TM/TIMS	Aug-82 Sep-95	1,723	unattainable			
Side Looking Airborne Radar	Jul-80 Sep-96	3,526	2,981			
National Park Service	Feb-79 Sep-03	94	unattainable			
TMS/NS001 TM/TIMS Reformatted	Aug-82 Sep-95	1,795	7,304			
Advanced Solid-State Array Sensor	Jun-88 Mar-94	166	162			
MODIS/ASTER Airborne Simulator (Master)	Dec-98 TBD	N/A	2,935			
Aerial Photography Scans	Sep-37 Sep-12	N/A	4,490,901			16,690
NAPP Photography Scans	Apr-88 Feb-07	N/A	31,876			
NHAP Photography Scans	Mar-80 Aug-89	N/A	230,859			
High Resolution Ortho Native Format	Nov-08 Present	N/A	3,729,921			40
Unmanned Aerial Systems	Sep-12 Present	N/A	313,504			2,082
Unmanned Aerial Systems (FWS)	Aug-17 Present	N/A	1,128			918
<b>Total</b>		<b>7,304</b>	<b>8,811,571</b>	<b>0</b>	<b>0</b>	<b>19,730</b>

### National Land Imaging Program (Non-USGS) Aircraft Sources

Digital Holdings	Date Range	Tapes	Granules	Files	Monthly Change	
					Tapes	Granules
<b>Bureau of Land Management</b>						
Bureau of Land Management	Jun-51 Jun-15	N/A	497,664			9,484
BLM Unmanned Aerial Systems	Feb-14 Present	N/A	24,425			6,600
<b>Total</b>		<b>0</b>	<b>522,089</b>	<b>0</b>	<b>0</b>	<b>16,084</b>

**GRAND TOTAL AIRCRAFT DIGITAL HOLDINGS**

<b>7,304</b>	<b>9,333,660</b>	<b>0</b>	<b>0</b>	<b>35,814</b>
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### National Land Imaging Program Satellite Sources

Film Holdings	Date Range	Rolls	Frames	Monthly Change	
				Rolls	Frames
Skylab	May-73 Feb-74	202	50,486		
Gemini	Mar-65 Nov-66	35	2,447		
Large Format Camera	Oct-84 Oct-84	8	2,139		
Declassification I (CORONA, ARGON, LANYARD)	Jul-60 May-72	13,343	945,583		
Declassification II (KH-7, KH-9)	Jul-63 Oct-80	2,008	46,954		
Declassification III (HEXAGON KH-9)	Jun-71 Oct-84	678	40,888	4	237
Landsat MSS 70-mm	Jul-72 Sep-78	7,705	1,342,187		
Landsat MSS 9-inch	Jul-72 Oct-92	10,628	1,338,195		
Landsat TM 9-inch	Aug-82 Mar-89	716	11,081		
Landsat RBV 70-mm	Mar-78 Mar-83	unattainable	137,994		
<b>Total</b>		<b>35,323</b>	<b>3,917,954</b>	<b>4</b>	<b>237</b>

**GRAND TOTAL SATELLITE FILM HOLDINGS**

<b>35,323</b>	<b>3,917,954</b>	<b>4</b>	<b>237</b>
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# Records Management Report December 2019

## National Land Imaging Program Satellite Sources

USGS Digital Holdings	Date Range	Tapes	Granules	Monthly Change	
				Tapes	Scenes
<b><sup>1</sup> Advanced Very-High Resolution Radiometer</b>					
EDC-HRPT Data (Direct and FTP)	Sep-81 Present	unattainable	144,460		
LAC Data Received via FTP	Feb-80 Present	unattainable	185,784		
NASA Landsat Data Collection - AVHRR 1-KM Orbital Segment	Apr-92 Sep-99	TBD	32,008		
Data Received from Other Sources	Jul-97 Present	unattainable	169,895		
<b>Total</b>		<b>202</b>	<b>532,147</b>	<b>-22</b>	<b>0</b>
<b>Shuttle Imaging Radar-C Digital Data</b>					
<b><sup>4</sup> SIR-C Precision Processed</b>					
SIR-C Survey BIL	Apr-94 Oct-94	1,559	19,416		
SIR-C Survey TIF	Apr-94 Oct-94	unattainable	25,983		
<b>Total</b>		<b>1,559</b>	<b>71,382</b>	<b>0</b>	<b>0</b>
<b>Shuttle Radar Topography Mission</b>					
SRTM DTED® Level 1	Feb-02 Feb-02	13	14,277		
SRTM DTED® Level 2	Feb-02 Feb-02	7	1,139		
<b>Total</b>		<b>20</b>	<b>15,416</b>	<b>0</b>	<b>0</b>
<b>Landsat</b>					
Landsat MSS	Jul-72 Oct-92	unattainable	1,328,300		
Landsat TM	Sep-82 May-12	unattainable	2,923,337		317
Landsat ETM+	Jun-99 Present	unattainable	2,749,243		10,458
Landsat OLI	Apr-13 Present	unattainable	4,069		
Landsat TIRS	Apr-13 Present	unattainable	3,604		19
Landsat OLI/TIRS	Apr-13 Present	unattainable	1,666,192		20,098
<b>Total</b>		<b>0</b>	<b>8,674,745</b>	<b>0</b>	<b>30,892</b>
<b>Landsat Pathfinder</b>					
Global Land Cover Test Sites	Jul-72 Oct-03	NA	3		
NLDC - CEES-TM	Jul-72 Oct-03	295	99		
NLDC - GLDC	Jul-72 Oct-03	1,470	290		
NLDC - HTFP-TM (unprocessed)	Jul-72 Oct-03	1,743	886		
NLDC - HTFP-MSS (unprocessed)	Jul-72 Oct-03	1,318	1,318		
NLDC - HTFP-TM (processed)	Jul-72 Oct-03	2,343	844		
NLDC - HTFP-MSS (processed)	Jul-72 Oct-03	820	820		
NLDC	Jul-72 Oct-03	2,956	2,627		
North American Landscape Characterization	Jul-72 Apr-92	2,675	2,675		
<b>Total</b>		<b>13,620</b>	<b>9,562</b>	<b>0</b>	<b>0</b>
<b>Tri-Decal Landsat Orthomagery</b>					
MSS Scene-based	Jul-72 Jul-87	TBD	7,542		
TM Scene-based	Apr-84 Nov-97	TBD	7,106		
ETM+ Scene-based	Jun-99 Jan-03	TBD	8,756		
ETM+ Pansharpended Scene-based	Jun-99 Jan-03	TBD	8,767		
TM Uncompressed Mosaics	Apr-84 Nov-97	TBD	531		
ETM+ Pansharpended Uncompressed Mosaics	Jun-99 Jan-03	TBD	2,603		
<b>Total</b>		<b>TBD</b>	<b>35,305</b>	<b>0</b>	<b>0</b>
<b>Global Land Surveys</b>					
GLS 1975	Jul-72 Jul-87	N/A	7592		
GLS 1990	Apr-84 Nov-97	N/A	7375		
GLS 2000	Jun-99 Jan-03	N/A	8756		
GLS 2005	Jul-03 Jul-08	N/A	9718		
GLS 2005 Islands (EO-1)	Jan-04 May-08	N/A	555		
GLS 2010	Nov-08 Jan-12	N/A	8555		
GLS 2010 Islands (EO-1)	Jan-09 Dec-11	N/A	445		
<b>Total</b>		<b>0</b>	<b>42,996</b>	<b>0</b>	<b>0</b>

# Records Management Report December 2019

## National Land Imaging Program Satellite Sources

	Date Range	Tapes	Granules	Monthly Change	
				Tapes	Scenes
<b>Scanned Satellite Film</b>					
Declassification I (CORONA, ARGON, LANYARD)	Jul-60 May-72	Unattainable	32,463		1,451
Declassification II (KH-7, KH-9)	Jul-63 Oct-80	Unattainable	5,098		25
Declassification III (HEXAGON KH-9)	Jun-71 Oct-84	Unattainable	4,380		3
Large Format Camera	Oct-84 Oct-84	Unattainable	2,139		
Skylab	May-73 Feb-74	Unattainable	1,467		
<b>Total Scanned Satellite Film</b>		<b>0</b>	<b>45,547</b>	<b>0</b>	<b>1,479</b>
<b>Other Source</b>					
<sup>2</sup> TM Scrounge	Jul-82 Feb-83	933	933		
USGS Purchased SPOT	Jun-86 Dec-98	896	941,945		
USGS Purchased AF/SPOTVIEW	1994 1996	59	1,029		
SPOT4 North American Data Buy	Nov-09 Jan-13	N/A	145,668		
SPOT5 North American Data Buy	Nov-09 Jun-13	N/A	117,055		
Earth Observation EO-1 ALI	Nov-00 Present	Unattainable	90,613		
Earth Observation EO-1 Hyperion	Nov-00 Present	Unattainable	91,398		
Global Land Cover Characterization v.1 and v.2	Apr-92 Mar-93	TBD	25		
<sup>3</sup> GeoEye OrbView-3	Sep-03 Mar-07	NA	179,981		
<b>Total Other Source</b>		<b>1,888</b>	<b>1,568,647</b>	<b>0</b>	<b>0</b>
<b>TOTAL USGS SATELLITE DIGITAL HOLDINGS</b>		<b>17,289</b>	<b>10,995,747</b>	<b>-22</b>	<b>32,371</b>

## National Land Imaging Program Satellite Sources

	Date Range	Tapes	Granules	Monthly Change	
				Tapes	Scenes
<b>LPDAAC Digital Holdings (Non-USGS)</b>					
<b>Sample Landsat ETM+</b>					
Level 1R Sample Data	TBD TBD	TBD	10		
Sample Data	TBD TBD	TBD	35		
<b>Total</b>		<b>0</b>	<b>45</b>	<b>0</b>	<b>0</b>
<b>TERRA &amp; AQUA Satellites</b>					
ASTER - TERRA	May-01 Present	TBD	9,073,035		37,414
<sup>6</sup> MODIS - TERRA/AQUA/TERRA+AQUA	Jan-01 Present	TBD	66,842,347		-548,264
<b>Total</b>		<b>0</b>	<b>75,915,382</b>	<b>0</b>	<b>-510,850</b>
<b>Suomi National Polar-orbiting Partnership</b>					
Visible Infrared Imaging Partnership	Jan-12 Present	TBD	14,466,993		417,163
<b>Total</b>		<b>0</b>	<b>14,466,993</b>	<b>0</b>	<b>417,163</b>
<b>Other LPDAAC Digital Holdings</b>					
<sup>7</sup> MEaSURES & Community	Mar-84 Present	TBD	1,268,806		-339,884
<b>Total</b>		<b>0</b>	<b>1,268,806</b>	<b>0</b>	<b>-339,884</b>
<b>TOTAL LPDAAC DIGITAL HOLDINGS</b>		<b>0</b>	<b>91,651,226</b>	<b>0</b>	<b>-433,571</b>
<b>Other Satellite Sources (Non-USGS)</b>					
Sentinel-2 (2A & 2B)	Feb-16 Present	NA	9,431,479		193,230
Indian Space Research Organisation	Dec-16 Present	NA	89,180		1,953
Heat Capacity Mapping Mission Film Scanned	Apr-78 Sep-80	TBD	48,133		
Heat Capacity Mapping Mission Digital Source	Apr-78 Sep-80	TBD	2,697		
<b>TOTAL OTHER SATELLITE SOURCE</b>		<b>0</b>	<b>9,571,489</b>	<b>0</b>	<b>195,183</b>
<b>GRAND TOTAL SATELLITE DIGITAL HOLDINGS</b>		<b>17,289</b>	<b>112,218,462</b>	<b>-22</b>	<b>-206,017</b>

# Records Management Report December 2019

## National Geospatial Program Office Cartographic and Topographic Source

	<u>Date Range</u>	<u>Quads</u>	<u>Products</u>	<u>Quad Change</u>	<u>Product Change</u>
<b>Digital Holdings</b>					
<b>Digital Elevation Model</b>					
15 Minute	May-89 Jul-03	2,886	3,669		
2 Arc Second (30 Minute)	Jun-95 Apr-00	779	792		
1:250K	Jun-95 Apr-00	N/A	1,381		
<b>Total</b>		<b>3,665</b>	<b>5,842</b>	<b>0</b>	<b>0</b>
<b>Digital Line Graph</b>					
7.5 minute (including 7.5 minute Core)	Jul-80 Jun-05	37,317	176,918		
15 minute	Sep-80 Jul-03	2,832	6,095		
1:100K	Jun-87 Jul-10	1,842	11,650		
1:2 Million	Dec-67 Jan-90	49	225		
<b>Total</b>		<b>42,040</b>	<b>194,888</b>	<b>0</b>	<b>0</b>
<b>Digital Orthophoto Quad</b>					
Quarter Quad (3.75 minute) B/W	Dec-97 Jul-09	N/A	205,201		
Quarter Quad (3.75 minute) CIR	Dec-97 Dec-09	N/A	74,776		
Quarter Quad (3.75 minute) Natural Color	Sep-00 Oct-05	N/A	775		
Full Quad (7.5 Minute) B/W	Feb-99 Sep-05	0	2,800		
Full Quad (7.5 Minute) AK B/W	Apr-99 Sep-02	N/A	318		
Full Quad (7.5 Minute) AK CIR	Jun-03 Jun-06	N/A	263		
Full Quad (7.5 Minute) Natural Color	Dec-03 Jan-04	N/A	33		
<b>Total</b>		<b>0</b>	<b>284,166</b>	<b>0</b>	<b>0</b>
<b>Digital Raster Graphic</b>					
7.5 Minute	Dec-96 Jul-04	N/A	52,336		
7.5 Minute Forest Service	Jan-02 May-03	N/A	210		
7.5 Minute Orthophoto	Dec-96 Nov-02	N/A	499		
7.5 Minute Orthophoto (w/o Imagery)	Jan-97 Feb-97	N/A	213		
7.5 x 15 Minute	Dec-96 Feb-03	N/A	253		
15 Minute	Aug-97 Sep-01	N/A	2,808		
30 x 60 Minute	Dec-96 May-03	N/A	1,769		
1 x 2 Degree	Dec-96 Nov-01	N/A	606		
1 x 3 Degree	Aug-97 Apr-98	N/A	108		
1 x 4 Degree	Sep-97 Sep-97	N/A	2		
2 x 1 Degree	Dec-96 Mar-97	N/A	3		
4 x 20 Degree	Oct-99 Oct-99	N/A	1		
4 x 28 Degree	Oct-99 Oct-99	N/A	1		
Antarctica	Jan-00 Jan-00	N/A	2		
<b>Total</b>		<b>0</b>	<b>58,811</b>	<b>0</b>	<b>0</b>
<b>Other Source</b>					
Global 30 Arc Second Elevation Digital Data	1996 1996	TBD	34		
HYDRO1K Elevation	Apr-96 Sep-01	TBD	6		
National Atlas Digital Data	Jul-98 Jul-07	N/A	886		
LIDAR	Jan-00 Present	N/A	1,005,970		
<b>Total Other Source</b>		<b>0</b>	<b>1,006,896</b>	<b>0</b>	<b>0</b>
<b>TOTAL CARTOGRAPHIC AND TOPOGRAPHIC DIGITAL HOLDINGS</b>		<b>45,705</b>	<b>1,550,603</b>	<b>0</b>	<b>0</b>

# Records Management Report December 2019

## Geographic Analysis and Monitoring

### Digital Holding

#### Land Use / Land Cover

1:100K Scale

1:250K Scale

	<u>Date Range</u>	<u>Quads</u>	<u>Products</u>	<u>Quad Change</u>	<u>Product Change</u>
	Apr-83 Mar-92	N/A	269		
	Apr-81 Mar-92	N/A	2,495		
<b>Total</b>		<b>0</b>	<b>2,764</b>	<b>0</b>	<b>0</b>

#### Multi-Resolution Land Characteristics

Basic or Raw

Preprocessed

Terrain Corrected

GAP Contributed

DEM

Multitemporal

Clustered

	<u>Date Range</u>	<u>Tapes</u>	<u>Granules</u>	<u>Tape Change</u>	<u>Scene Change</u>
	Jun-84 May-99	N/A	1,476		
	Jun-84 May-99	N/A	1,415		
	Feb-91 May-94	N/A	901		
	Feb-91 May-99	N/A	10		
	Feb-91 May-94	N/A	900		
	Jun-84 May-99	N/A	1,703		
	Jun-84 May-99	N/A	3,425		
<b>Total</b>		<b>0</b>	<b>9,830</b>	<b>0</b>	<b>0</b>

**TOTAL DIGITAL HOLDINGS**

**0**

**12,594**

**0**

**0**



# Records Management Report

## December 2019

### Footnotes

<sup>1</sup> Unable to get accurate individual tape counts, but total volume count is attainable.

<sup>2</sup> Disposition activities resulted in FOLD being re-named to TM SCROUNGE.

<sup>3</sup> Data consists of mini-swaths. Each mini-swath contains an average of three scenes.

<sup>4</sup> There is a discrepancy between the number of frames listed in the Records Management Report and what is web enabled in EarthExplorer. This discrepancy is due to data files of poor quality that cannot be processed.

<sup>5</sup> Fluctuations in frame counts for Johnson Space Center Film resulting from numerous data base corrections while scanning this collection.

<sup>6</sup> MODIS v6.1 granules were purged due to quality issues with base product.

<sup>7</sup> Purge of WELD data resulted in drop in MEaSURES data.

<sup>8</sup> LPDAAC Digital Holdings are no longer considered compressed data. Calculations for determining uncompressed volume are no longer being applied; thus resulting in decreased volume of MODIS and VIIRS data.

## Records Management Report December 2019

USGS DIGITAL DATA TOTALS AND SIZE						
DATA SET		SOURCE	ARCHIVE LOCATION Primary/Secondary	AVERAGE GRANULE SIZE (BYTES)	NUMBER OF GRANULES	TOTAL SIZE - ALL GRANULES (BYTES)
<b>NATIONAL LAND IMAGING PROGRAM</b>						
<b>AERIAL DATA</b>						
<b>Airborne Digital Data</b>						
	TMS/NS001 TM/TIMS	NASA	EROS	29,285,000	7,304	213,897,640,000
	Advanced Solid-State Array Sensor	NASA	EROS	134,285,000	162	21,754,170,000
	MODIS/ASTER Airborne Simulator (Master)	NASA	EROS	706,997,347	2,935	2,075,037,213,445
	Side Looking Airborne Radar	USGS	EROS	34,775,050	2,981	103,664,424,050
	Aerial Photography Scans	USGS	EROS	128,830,000	4,490,901	578,562,775,830,000
	NAPP Photography Scans	USGS	EROS	300,829,000	31,876	9,589,225,204,000
	NHAP Photography Scans	USGS	EROS	300,100,000	230,859	69,280,785,900,000
	BLM Photography Scans	USGS	EROS	804,053,000	497,664	400,148,232,192,000
<b>SATELLITE DIGITAL DATA</b>						
<b>LPDAAC Digital Data</b>						
	Level 1R Sample Data	USGS	EROS	1,300,000,000	10	13,000,000,000
	Sample Data	USGS	EROS	500,000,000	35	17,500,000,000
	ASTER - TERRA	NASA	NASA/EROS	102,108,000	9,073,035	926,429,457,780,000
	* MODIS - TERRA/AQUA	NASA	NASA/EROS	29,422,000	66,842,347	1,966,635,533,434,000
	* VIIRS	NASA	NASA/EROS	22,204,000	14,466,993	321,225,112,572,000
	MEaSURES & Community	NASA	NASA/EROS	151,559,000	1,268,806	192,298,968,554,000
<b>AVHRR Digital Data</b>						
	EDC-HRPT Data (Direct and FTP)	NOAA	NOAA/EROS	54,054,629	144,460	7,808,731,705,340
	AVHRR 1-KM Orbital Segment	USGS	EROS	148,300,000	32,008	4,746,786,400,000
	LAC Data Received via FTP	NOAA	NOAA/EROS	54,054,629	185,784	10,042,485,194,136
	Data Received from Other Sources	NOAA	NOAA/EROS	54,054,629	169,895	9,183,611,193,955
<b>Shuttle Imaging Radar-C Digital Data</b>						
	SIR-C Precision Processed	USGS	EROS	171,610,000	19,416	3,331,979,760,000
	SIR-C Survey BIL	USGS	EROS	2,348,502	25,983	61,021,127,466
	SIR-C Survey TIF	USGS	EROS	2,350,851	25,983	61,082,161,533
<b>Shuttle Radar Topography Mission Digital Data</b>						
	SRTM DTED® Data Level 1	USGS	EROS	2,655,000	14,277	37,905,435,000
	SRTM DTED® Data Level 2	USGS	EROS	24,488,000	1,139	27,891,832,000
<b>Other Source Digital Data</b>						
	TM Scrounge	USGS	EROS	TBD	933	TBD
	SPOT	USGS	EROS	33,890,514	941,945	31,923,000,209,730
	Spotview	USGS	EROS	TBD	1,029	TBD
	Earth Observation EO-1 ALI	USGS	EROS	227,759,430	90,613	20,637,965,230,590
	Earth Observation EO-1 Hyperion	USGS	EROS	608,412,573	91,398	55,607,692,347,054
	Global Land Cover Characterization v.1 and v.2	USGS	EROS	2,427,571,000	25	60,689,275,000
	Declassification I (CORONA, ARGON, LANYARD)	USGS	EROS	1,339,217,000	32,463	43,475,001,471,000
	Declassification II (KH-7, KH-9)	USGS	EROS	2,785,975,000	5,098	14,202,900,550,000
	Declassification III (HEXAGON KH-9)	USGS	EROS	5,382,206,000	4,380	23,574,062,280,000
	Large Format Camera	USGS	EROS	310,539,806	2,139	664,244,645,034
	Skylab	USGS	EROS	46,417,900	1,467	68,095,059,300
	Sentinel-2 (2A & 2B)	ESA	ESA/EROS	489,413,000	9,431,479	4,615,888,431,827,000
	Indian Space Research Organisation	ISRO	ISRO/EROS	1,181,047,000	89,180	105,325,771,460,000
<b>Landsat Digital Data</b>						
	MSS	USGS	EROS	67,100,000	1,328,300	89,128,930,000,000
	TM	USGS	EROS	551,600,000	2,923,337	1,612,512,689,200,000
	ETM+	NASA / USGS	EROS	1,021,300,000	2,749,243	2,807,801,875,900,000
	OLI	NASA / USGS	EROS	3,221,200,000	4,069	13,107,062,800,000
	TIRS	NASA / USGS	EROS	763,400,000	3,604	2,751,293,600,000
	OLI/TIRS	NASA / USGS	EROS	3,800,000,000	1,666,192	6,331,529,600,000,000
<b>Landsat Pathfinder</b>						
	GLCTS	NASA	EROS	197,497,743	3	592,493,229
	NALC	NASA	EROS	78,073,000	2,675	208,845,275,000
	NLDC - CEES-TM	NASA	EROS	289,596,000	99	28,670,004,000
	GCLDC	NASA	EROS	291,058,000	290	84,406,820,000
	NLDC	NASA	EROS	257,005,200	2,627	675,152,660,400
	HTFP-TM (unprocessed)	NASA	EROS	283,059,050	886	250,790,318,300
	HTFP-MSS (unprocessed)	NASA	EROS	28,248,300	1,318	37,231,259,400
	HTFP-TM (processed)	NASA	EROS	391,903,000	844	330,766,132,000
	HTFP-MSS (processed)	NASA	EROS	59,099,700	820	48,461,754,000
<b>Tri-Decal Landsat Orthoimagery</b>						
	MSS Scene-based	NASA	EROS	70,671,000	7,542	533,000,682,000
	TM Scene-based	NASA	EROS	434,512,000	7,106	3,087,642,272,000
	ETM+ Scene-based	NASA	EROS	741,031,000	8,756	6,488,467,436,000
	ETM+ Pansharpened Scene-based	NASA	EROS	845,698,000	8,767	7,414,234,366,000
	TM Uncompressed Mosaics	NASA	EROS	1,210,778,000	531	642,923,118,000
	ETM+ Pansharpened Uncompressed Mosaics	NASA	EROS	1,428,968,000	2,603	3,719,603,704,000

## Records Management Report December 2019

USGS DIGITAL DATA TOTALS AND SIZE						
DATA SET	SOURCE	ARCHIVE LOCATION <i>Primary/Secondary</i>	AVERAGE GRANULE SIZE (BYTES)	NUMBER OF GRANULES	TOTAL SIZE - ALL GRANULES (BYTES)	
<b>AERIAL DATA</b>						
Global Land Surveys						
GLS 1975	USGS	EROS	64,209,000	7,592	487,474,728,000	
GLS 1990	USGS	EROS	394,198,000	7,375	2,907,210,250,000	
GLS 2000	USGS	EROS	677,072,000	8,756	5,928,442,432,000	
GLS 2005	USGS	EROS	590,166,000	9,718	5,735,233,188,000	
GLS 2005 Islands (EO-1)	USGS	EROS	273,329,000	555	151,697,595,000	
GLS 2010	USGS	EROS	545,374,000	8,555	4,665,674,570,000	
GLS 2010 Islands (EO-1)	USGS	EROS	263,072,000	445	117,067,040,000	
<b>NATIONAL GEOSPATIAL PROGRAM OFFICE</b>						
<b>CARTOGRAPHIC AND TOPOGRAPHIC DIGITAL DATA</b>						
Digital Data						
Digital Raster Graphics						
DRG - 7.5 Minute	USGS	MCMC/EROS	6,573,093	52,336	344,009,395,248	
DRG - 7.5 Minute Forest Service	USGS	MCMC/EROS	26,276,172	210	5,517,996,120	
DRG - 7.5 Minute Orthophoto	USGS	MCMC/EROS	33,060,186	499	16,497,032,814	
DRG - 7.5 Minute Orthophoto (w/o Imagery)	USGS	MCMC/EROS	3,937,911	213	838,775,043	
DRG - 7.5 x 15 Minute	USGS	MCMC/EROS	14,409,499	253	3,645,603,247	
DRG - 15 Minute	USGS	MCMC/EROS	5,107,215	2,808	14,341,059,720	
DRG - 30 x 60 Minute	USGS	MCMC/EROS	17,101,434	1,769	30,252,436,746	
DRG - 1 x 2 Degree	USGS	MCMC/EROS	15,620,685	606	9,466,135,110	
DRG - 1 x 3 Degree	USGS	MCMC/EROS	12,776,251	108	1,379,835,108	
DRG - 1 x 4 Degree	USGS	MCMC/EROS	17,181,516	2	34,363,032	
DRG - 2 x 1 Degree	USGS	MCMC/EROS	15,807,083	3	47,421,249	
DRG - 4 x 20 Degree	USGS	MCMC/EROS	14,268,801	1	14,268,801	
DRG - 4 x 28 Degree	USGS	MCMC/EROS	11,880,642	1	11,880,642	
DRG - Antarctica	USGS	MCMC/EROS	40,019,377	2	80,038,754	
Digital Orthophoto Quad						
DOQ - QUARTER QUAD (3.75 MINUTE) B/W	USGS	WMC/EROS	48,936,509	205,201	10,041,820,583,309	
DOQ - QUARTER QUAD (3.75 MINUTE) CIR	USGS	WMC/EROS	148,770,313	74,776	11,124,448,924,888	
DOQ - QUARTER QUAD (3.75 MINUTE) Natural Color	USGS	WMC/EROS	130,538,865	775	101,167,620,375	
DOQ - FULL QUAD (7.5 MINUTE) B/W	USGS	WMC/EROS	157,175,364	2,800	440,091,019,200	
DOQ - FULL QUAD (7.5 MINUTE) AK B/W	USGS	WMC/EROS	177,015,278	318	56,290,858,404	
DOQ - FULL QUAD (7.5 MINUTE) AK CIR	USGS	WMC/EROS	88,206,624	263	23,198,342,112	
DOQ - FULL QUAD (7.5 MINUTE) CIR	USGS	WMC/EROS		TBD	0	
DOQ - FULL QUAD (7.5 MINUTE) Natural Color	USGS	WMC/EROS	469,145,000	33	15,481,785,000	
Digital Line Graph						
DLG - 7.5 MINUTE	USGS	RMMC/EROS	915,627	176,918	161,990,897,586	
DLG - 15 MINUTE	USGS	RMMC/EROS	758,325	6,095	4,621,990,875	
DLG - 100K	USGS	RMMC/EROS	4,898,978	11,650	57,073,093,700	
DLG - 2 MILLION	USGS	EROS	737,505	225	165,938,625	
Digital Elevation Model						
DEM - 15 MINUTE	USGS	MCMC/EROS	1,707,132	3,669	6,263,467,308	
DEM - 2 ARC SECOND (30 Minute)	USGS	EROS	10,995,045	792	8,708,075,640	
DEM - 250K (1 DEGREE)	USGS	EROS	8,263,687	1,381	11,439,771,747	
High Resolution Ortho-rectified Scanned Images						
HRO original data files	USGS	MCMC/EROS	138,102,255	3,729,921	515,110,501,071,855	
Others						
National Atlas	USGS	ERG/EROS	129,769,929	886	114,976,157,094	
GTOPO30	USGS	EROS	84,985,781	34	2,889,516,554	
Hydro 1K Elevation	USGS	EROS	1,402,839,685	6	8,417,038,110	
<b>GAM DIGITAL DATA</b>						
Land Use / Land Cover						
LULC - 100K	USGS	EROS	1,675,345	269	450,667,805	
LULC - 250K	USGS	EROS	6,875,594	2,495	17,154,607,030	
Multi-Resolution Land Characteristics						
Basic or Raw Scenes	USGS Coop	EROS	TBD	1,476	TBD	
Preprocessed Scenes	USGS Coop	EROS	TBD	1,415	TBD	
Terrain Corrected Scenes	USGS Coop	EROS	TBD	901	TBD	
GAP Contributed Scenes	USGS Coop	EROS	TBD	10	TBD	
DEM Scenes	USGS Coop	EROS	TBD	900	TBD	
Multitemporal Scenes	USGS Coop	EROS	TBD	1,703	TBD	
Clustered Scenes	USGS Coop	EROS	TBD	3,425	TBD	
				*	TOTAL (bytes) 20,851,452,621,343,800	
				18,964.29	terabytes	
* 1 terabyte = 1,099,511,627,776 bytes						

# Records Management Report

## December 2019

### ACRONYM LIST

AMES	NASA Ames Research Center (Moffett Field, CA)
AMS	Army Map Service
AOCI 10-Channel Data	Airborne Ocean Color Imager (10 Channel)
APOLLO	NASA Apollo Space Program
APOLLO/SOYUZ	NASA Apollo Soyuz Project
AQUA	Aqua, latin for 'water', is a NASA Earth Science satellite mission named for the large amount of information that the mission will be
ASAS	Advanced Solid-State Array Sensor
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
AVHRR	Advanced Very-High Resolution Radiometer
AVIRIS	Airborne Visible and Infrared Imaging Spectrometer
B/W	Black and White
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BR	Bureau of Reclamation
CEES	Committee on Earth and Environmental Sciences
CIR	Color Infra Red
COE	Corp of Engineers
DAAC	Distributed Active Archive Center
DEM	Digital Elevation Model
DLG	Digital Line Graph
DLT	Digital Linear Tape
DOD	Department of Defense
DOQ	Digital Ortho-photo Quad
DRG	Digital Raster Graphics
EDC	EROS Data Center
EE	Earth Explorer
EO-1	Earth Observation
EPA	Environmental Protection Agency
ERIM	Environmental Research Institute of Michigan
ETM+	Enhanced Thematic Mapper (Landsat 7)
FOLD	Federally Owned Landsat Data
FTP	File Transfer Protocol
GAP	Geographic Approach to Planning (GAP Analysis Program)
GCLDC	NASA Global Change Landsat Data Collection
GEMINI	NASA Gemini Program
GLCC	Global Land Cover Characterization
GLCTS	Global Land Cover Test Site
GLIS	Global Land Information System (EDC)
GLS	Global Land Surveys
GTOPO 30	Global 30 Arc Second Elevation Data Set
HDT	High-density Tape
HRPT	High Resolution Picture Transmission (AVHRR)
HTFP	Humid Tropical Forest Program
HYDRO1K	HYDRO1k is a geographic database developed to provide comprehensive and consistent global coverage of topographically derive

# Records Management Report

## December 2019

### ACRONYM LIST

JSC	Johnson Space Center (NASA Houston, TX)
KSC	Kennedy Space Center (NASA Cape Canaveral, FL)
LANDSAT	Land remote sensing Satellite (formerly ERTS)
LFC	Large Format Camera
LGSOWG	Landsat Ground Station Operators Working Group
LIDAR	Light Detection and Ranging
LPDAAC	Land Process Distributed Active Archive Center
LULC	Land Use Land Cover
M2S	Multispectral Scanner M2S 11-Channel Data Aerial Scanner
MASTER	MODIS/ASTER Airborne Simulator
MCDG	McDonnell Douglas
MODIS	Moderate Resolution Imaging Spectrometer
MRLC	Multi-Resolution Land Characteristics
MSFC	Marshall Space Flight Center
MSI	Multispectral Imagery (DOD)
MSS	Multi Spectral Scanner
N/A	Not applicable to this dataset.
NALC	North American Landscape Characterization
NAPP	National Aerial Photography Program
NARA	National Archives and Records Administration
NASA	National Aeronautics and Space Program
NGPO	National Geospatial Program Office
NHAP	National High Altitude Photography
NLDC	NASA Landsat Data Collection
NPS	National Park Service
NS001	8-Channel Thematic Mapper Simulator
NSTL	National Space Technology Laboratory (Bay St. Louis, MS) (renamed Stennis Space Center (SSC))
NURE/LIL	National Uranium Resource Evaluation/Log Information Library
OLI	Operational Land Imagery
RBV	Return Beam Vidicon
SCAR	Scientific Committee on Antarctic Research
SDSU	South Dakota State University
SIR-C	Shuttle Imaging Radar-C
SLAR	Side-Looking Airborne Radar
SPOT	Systeme pour l'Observation de la Terre (France)
SPOTVIEW	SPOT Geocoded Images: Images mapped into a cartographic projection.
SRTM	Shuttle Radar Topography Mission
STENNIS	John C. Stennis Space Center (formerly NSTL)
TBD	To Be Determined (Used as a place holder in the report.)
TERRA	Terra, Latin for "land," is the name of NASA's Earth Observing System (EOS) flagship satellite. The Terra mission was launched o
TIMS	Thermal Infrared Multispectral Scanner
TIRS	Thermal Infrared Sensor
TM	Thematic Mapper
TMS	Thematic Mapper Simulator
UNHTFP	Unprocessed Humid Tropical Forest Program Data
USAF	United States Air Force
USGS	United States Geological Survey
USN	United States Navy
WI	Wallops Island
ASF PALSAR	ASF PALSAR (Phased Array type L-band Synthetic Aperture Radar)