



USGS Earth Resources Observation and Science (EROS) Center

National Satellite Land Remote Sensing Data Archive Report

December 2019

NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

December 2019

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

Jeremy McHugh
Archivist
U.S. Geological Survey
EROS Center
47914 252nd Street
Sioux Falls, SD 57198 USA
Tel: (605) 594-2888
E-mail: jmchugh@usgs.gov

NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

December 2019

FILM SOURCE	Date Range		Frames
Declassification I			
CORONA (KH-1, KH-2, KH-3, KH-4, KH-4A, KH-4B)	Jul-60	May-72	907,788
ARGON (KH-5)	May-62	Aug-64	36,887
LANYARD (KH-6)	Jul-60	Aug-63	908
Total Declass I			945,583
Declassification II			
KH-7	Jul-63	Jun-67	17,814
KH-9	Mar-73	Oct-80	29,140
Total Declass II			46,954
Declassification III			
HEXAGON (KH-9)	Jun-71	Oct-84	40,888
Total Declass III			40,888
Large Format Camera			
Large Format Camera	Oct-84	Oct-84	2,139
Total Large Format Camera			2,139
Landsat MSS			
Landsat MSS 70-mm	Jul-72	Sep-78	1,342,187
Landsat MSS 9-inch	Jul-72	Oct-92	1,338,195
Total Landsat MSS			2,680,382
Landsat TM			
Landsat TM 9-inch	Aug-82	Mar-89	11,081
Total Landsat TM			11,081
Landsat RBV			
Landsat RBV 70-mm	Mar-78	Mar-83	137,994
Total Landsat RBV			137,994
Gemini			
Gemini	Jun-65	Nov-66	2,447
Total Gemini			2,447
Skylab			
Skylab	May-73	Feb-74	50,486
Total Skylab			50,486
TOTAL FILM SOURCE			3,917,954

NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

December 2019

DIGITAL SOURCE				Scenes	Total Size (bytes)
Landsat MSS					
LANDSAT 1 MSS	Jul-72	Jan-78		147,417	9,891,680,700,000
LANDSAT 2 MSS	Jan-75	Dec-82		247,200	16,587,120,000,000
LANDSAT 3 MSS	Mar-78	Mar-83		123,674	8,298,525,400,000
LANDSAT 4 MSS	Aug-82	Oct-92		171,646	11,517,446,600,000
LANDSAT 5 MSS	Mar-84	Oct-92		638,363	42,834,157,300,000
Total Landsat MSS				1,328,300	89,128,930,000,000
Landsat TM					
LANDSAT 4 TM	Sep-82	Nov-93		47,089	25,974,292,400,000
LANDSAT 5 TM	Mar-84	May-12		2,876,248	1,586,538,396,800,000
Total Landsat TM				2,923,337	1,612,512,689,200,000
Landsat ETM+					
LANDSAT 7 ETM+	Jun-99	Present		2,749,243	2,807,801,875,900,000
Total Landsat ETM				2,749,243	2,807,801,875,900,000
Landsat OLI/TIRS					
LANDSAT 8 OLI	Apr-13	Present		4,069	13,107,062,800,000
LANDSAT 8 TIRS	Apr-13	Present		3,604	2,751,293,600,000
LANDSAT 8 OLI/TIRS	Apr-13	Present		1,666,192	6,331,529,600,000,000
Total Landsat OLI/TIRS				1,673,865	6,347,387,956,400,000
Landsat Orthoimagery					
MSS Scene-based	Jul-72	Jul-87		7,542	533,000,682,000
TM Scene-based	Apr-84	Nov-97		7,106	3,087,642,272,000
ETM+ Scene-based	Jun-99	Jan-03		8,756	6,488,467,436,000
ETM+ Pansharpened Scene-based	Jun-99	Jan-03		8,767	7,414,234,366,000
TM Uncompressed Mosaics	Apr-84	Nov-97		531	642,923,118,000
ETM+ Pansharpened Uncompressed Mosaics	Jun-99	Jan-03		2,603	3,719,603,704,000
				35,305	21,885,871,578,000
SPOT					
SPOT Purchased	Jun-86	Dec-98		941,945	31,923,000,209,730
Total SPOT				941,945	31,923,000,209,730
AVHRR					
AVHRR	Feb-80	Present		532,147	31,781,614,493,431
Total AVHRR				532,147	31,781,614,493,431
Shuttle Radar Topography Mission					
SRTM DTED® Level 1	Feb-02	Feb-02		14,277	37,905,435,000
SRTM DTED® Level 2	Feb-02	Feb-02		1,095	27,891,832,000
Total SRTM				15,372	65,797,267,000
GeoEye Orbview-3					
GeoEye Orbview-3 Level 1B	Sep-03	Mar-07		179,981	65,278,962,355,982
Total GeoEye Orbview-3				179,981	65,278,962,355,982
Global Land Surveys					
GLS 1975	Jul-72	Jul-87		7,592	487,474,728,000
GLS 1990	Apr-84	Nov-97		7,375	2,907,210,250,000
GLS 2000	Jun-99	Jan-03		8,756	5,928,442,432,000
GLS 2005	Jul-03	Jul-08		9,718	5,735,233,188,000
GLS 2005 Islands (EO-1)	Jan-04	May-08		555	151,697,595,000
GLS 2010	Nov-08	Jan-12		8,555	4,665,674,570,000
GLS 2010 Islands (EO-1)	Jan-09	Dec-11		445	117,067,040,000
Total Global Land Surveys				42,996	19,992,799,803,000
Scanned Satellite Film					
Declassification I (CORONA, ARGON, LANYARD)	Jul-60	May-72		32,463	43,475,001,471,000
Declassification II (KH-7, KH-9)	Jul-63	Oct-80		5,098	14,202,900,550,000
Declassification III (HEXAGON KH-9)	Jul-82	Feb-83		4,380	23,574,062,280,000
Large Format Camera	Oct-84	Oct-84		2,139	664,244,645,034
Skylab	May-73	Feb-74		1,467	68,095,059,300
Total Scanned Satellite Film				45,547	81,984,304,005,334
Total Scenes				10,468,038	11,109,743,801,212,500
GRAND TOTAL FRAMES AND SCENES				14,385,992	10,104.3 terabytes