



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

## **National Satellite Land Remote Sensing Data Archive**

**December 2017**

# NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

## December 2017

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

John Faundeen  
Archivist  
U.S. Geological Survey  
EROS Center  
47914 252nd Street  
Sioux Falls, SD 57198 USA  
Tel: (605) 594-6092  
E-mail: [faundeen@usgs.gov](mailto:faundeen@usgs.gov)

# NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

## December 2017

FILM SOURCE	Date Range	Frames
<b>Declassification I</b>		
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	36,985
LANYARD (KH-6)	Jul-60 Aug-63	908
<b>Total Declass I</b>		<b>945,681</b>
<b>Declassification II</b>		
KH-7	Jul-63 Jun-67	17,814
KH-9	Mar-73 Oct-80	29,140
<b>Total Declass II</b>		<b>46,954</b>
<b>Declassification III</b>		
HEXAGON (KH-9)	Jun-71 Oct-84	40,638
<b>Total Declass III</b>		<b>40,638</b>
<b>Large Format Camera</b>		
Large Format Camera	Oct-84 Oct-84	2,139
<b>Total Large Format Camera</b>		<b>2,139</b>
<b>Landsat MSS</b>		
Landsat MSS 70-mm	Jul-72 Sep-78	1,342,187
Landsat MSS 9-inch	Mar-78 Oct-92	1,338,195
<b>Total Landsat MSS</b>		<b>2,680,382</b>
<b>Landsat TM</b>		
Landsat TM 9-inch	Aug-82 May-88	175,665
<b>Total Landsat TM</b>		<b>175,665</b>
<b>Landsat RBV</b>		
Landsat RBV 70-mm	Jul-72 Mar-83	137,870
<b>Total Landsat RBV</b>		<b>137,870</b>
<b>Gemini</b>		
Gemini	Jun-65 Nov-66	2,447
<b>Total Gemini</b>		<b>2,447</b>
<b>Skylab</b>		
Skylab	May-73 Feb-74	50,554
<b>Total Skylab</b>		<b>50,554</b>
<b>TOTAL FILM SOURCE</b>		<b>4,082,330</b>

# NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

## December 2017

DIGITAL SOURCE			Scenes	Total Size (bytes)
<b>Landsat MSS</b>				
LANDSAT 1 MSS	Jul-72	Jan-78	147,419	9,891,814,900,000
LANDSAT 2 MSS	Jan-75	Dec-82	247,672	16,618,791,200,000
LANDSAT 3 MSS	Mar-78	Mar-83	123,827	8,308,791,700,000
LANDSAT 4 MSS	Aug-82	Oct-92	173,240	11,624,404,000,000
LANDSAT 5 MSS	Mar-84	Oct-92	620,434	41,631,121,400,000
<b>Total Landsat MSS</b>			<b>1,312,592</b>	<b>88,074,923,200,000</b>
<b>Landsat TM</b>				
LANDSAT 4 TM	Sep-82	Nov-93	47,069	25,963,260,400,000
LANDSAT 5 TM	Mar-84	May-12	2,513,528	1,386,462,044,800,000
<b>Total Landsat TM</b>			<b>2,560,597</b>	<b>1,412,425,305,200,000</b>
<b>Landsat ETM+</b>				
LANDSAT 7 ETM+	Jun-99	Present	2,414,322	2,465,747,058,600,000
<b>Total Landsat ETM</b>			<b>2,414,322</b>	<b>2,465,747,058,600,000</b>
<b>Landsat OLI/TIRS</b>				
LANDSAT 8 OLI	Apr-13	Present	4,069	13,107,062,800,000
LANDSAT 8 TIRS	Apr-13	Present	3,429	2,617,698,600,000
LANDSAT 8 OLI/TIRS	Apr-13	Present	1,143,018	4,343,468,400,000,000
<b>Total Landsat OLI/TIRS</b>			<b>1,150,516</b>	<b>4,359,193,161,400,000</b>
<b>Landsat Orthoimagery</b>				
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	494	640,333,174,000
ETM+ Pansharpened Uncompressed Mosaics	Jun-99	Jan-03	2,489	3,571,998,746,000
			<b>35,154</b>	<b>21,735,676,676,000</b>
<b>SPOT</b>				
SPOT Purchased	Jun-86	Dec-98	941,945	31,923,000,209,730
<b>Total SPOT</b>			<b>941,945</b>	<b>31,923,000,209,730</b>
<b>AVHRR</b>				
AVHRR	Feb-80	Present	518,882	31,232,732,000,000
<b>Total AVHRR</b>			<b>518,882</b>	<b>31,232,732,000,000</b>
<b>Shuttle Radar Topography Mission</b>				
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
<b>Total SRTM</b>			<b>15,372</b>	<b>65,797,267,000</b>
<b>GeoEye Orbview-3</b>				
GeoEye Orbview-3 Level 1B	Sep-03	Mar-07	179,981	65,278,962,355,982
<b>Total GeoEye Orbview-3</b>			<b>179,981</b>	<b>65,278,962,355,982</b>
<b>Global Land Surveys</b>				
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
<b>Total Global Land Surveys</b>			<b>42,996</b>	<b>19,992,799,803,000</b>
<b>Scanned Satellite Film</b>				
Declassification I (CORONA, ARGON, LANYARD)	Jul-60	May-72	24,878	34,580,420,000,000
Declassification II (KH-7, KH-9)	Jul-63	Oct-80	3,420	9,815,400,000,000
Declassification III (HEXAGON KH-9)	Jul-82	Feb-83	225	1,032,750,000,000
Large Format Camera	Oct-84	Oct-84	2,139	664,245,060,000
Skylab	May-73	Feb-74	1,467	68,095,206,000
<b>Total Scanned Satellite Film</b>			<b>32,129</b>	<b>46,160,910,266,000</b>
<b>Total Scenes</b>			<b>9,204,486</b>	<b>8,541,830,326,977,710</b>
<b>GRAND TOTAL FRAMES AND SCENES</b>			<b>13,286,816</b>	<b>7,768.7 terabytes</b>