



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

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

**August 2019**

# **NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT**

## **August 2019**

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

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# NATIONAL SATELLITE LAND REMOTE SENSING DATA ARCHIVE REPORT

## August 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 | 40,638    |
| Total Declass III                             |  |            |        | 40,638    |
| 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                            |  | Mar-78     | Oct-92 | 1,338,195 |
| Total Landsat MSS                             |  |            |        | 2,680,382 |
| Landsat TM                                    |  |            |        |           |
| Landsat TM 9-inch                             |  | Aug-82     | May-88 | 175,665   |
| Total Landsat TM                              |  |            |        | 175,665   |
| Landsat RBV                                   |  |            |        |           |
| Landsat RBV 70-mm                             |  | Jul-72     | Mar-83 | 138,168   |
| Total Landsat RBV                             |  |            |        | 138,168   |
| 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                             |  |            |        | 4,082,462 |

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| DIGITAL SOURCE                              |        |         |  | Scenes            | Total Size (bytes)            |
|---------------------------------------------|--------|---------|--|-------------------|-------------------------------|
| <b>Landsat MSS</b>                          |        |         |  |                   |                               |
| 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            |
| <b>Total Landsat MSS</b>                    |        |         |  | <b>1,328,300</b>  | <b>89,128,930,000,000</b>     |
| <b>Landsat TM</b>                           |        |         |  |                   |                               |
| LANDSAT 4 TM                                | Sep-82 | Nov-93  |  | 47,089            | 25,974,292,400,000            |
| LANDSAT 5 TM                                | Mar-84 | May-12  |  | 2,875,464         | 1,586,105,942,400,000         |
| <b>Total Landsat TM</b>                     |        |         |  | <b>2,922,553</b>  | <b>1,612,080,234,800,000</b>  |
| <b>Landsat ETM+</b>                         |        |         |  |                   |                               |
| LANDSAT 7 ETM+                              | Jun-99 | Present |  | 2,699,177         | 2,756,669,470,100,000         |
| <b>Total Landsat ETM</b>                    |        |         |  | <b>2,699,177</b>  | <b>2,756,669,470,100,000</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 |  | 3,543             | 2,704,726,200,000             |
| LANDSAT 8 OLI/TIRS                          | Apr-13 | Present |  | 1,580,683         | 6,006,595,400,000,000         |
| <b>Total Landsat OLI/TIRS</b>               |        |         |  | <b>1,588,295</b>  | <b>6,022,407,189,000,000</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  |  | 531               | 642,923,118,000               |
| ETM+ Pansharpened Uncompressed Mosaics      | Jun-99 | Jan-03  |  | 2,603             | 3,719,603,704,000             |
|                                             |        |         |  | <b>35,305</b>     | <b>21,885,871,578,000</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 |  | 531,535           | 31,721,244,400,000            |
| <b>Total AVHRR</b>                          |        |         |  | <b>531,535</b>    | <b>31,721,244,400,000</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  |  | 27,426            | 38,172,576,414,000            |
| Declassification II (KH-7, KH-9)            | Jul-63 | Oct-80  |  | 5,021             | 13,997,533,758,000            |
| Declassification III (HEXAGON KH-9)         | Jul-82 | Feb-83  |  | 4,375             | 23,553,560,625,000            |
| Large Format Camera                         | Oct-84 | Oct-84  |  | 2,139             | 664,244,645,034               |
| Skylab                                      | May-73 | Feb-74  |  | 1,467             | 68,095,059,300                |
| <b>Total Scanned Satellite Film</b>         |        |         |  | <b>40,428</b>     | <b>76,456,010,501,334</b>     |
| <b>Total Scenes</b>                         |        |         |  | <b>10,325,887</b> | <b>10,727,609,510,015,000</b> |
| <b>GRAND TOTAL FRAMES AND SCENES</b>        |        |         |  | <b>14,408,349</b> | <b>9,756.7 terabytes</b>      |