

# NASA ESDIS LTA

Long term archive

# Long term archival policy

- All public LTA data will, by the end of 2026, be resident in the Earthdata Cloud, us-west-2 of Amazon Web Services
- All public LTA data will be available via HTTPS and/or AWS S3 distribution methods
- The LTA is not differentiated from the general archive at this time
- We have >100 completed missions in our archive

The 'top 20' by volume

| <b>Mission</b> | <b>Product Level</b> | <b>Start Date</b> | <b>End Date</b> | <b>Volume (TB)</b> | <b>Volume (files)</b> |
|----------------|----------------------|-------------------|-----------------|--------------------|-----------------------|
| SENTINEL-1B    | 1                    | 4/25/16           | 12/23/21        | 6,379              | 6,587,781             |
| CALIPSO        | 2                    | 4/28/06           | 8/1/23          | 944                | 21,937,839            |
| CALIPSO        | 1                    | 4/28/06           | 8/1/23          | 913                | 8,739,362             |
| ALOS           | 2                    | 5/16/06           | 4/21/11         | 763                | 7,049,193             |
| ENVISAT        | 2                    | 3/1/02            | 4/8/12          | 568                | 1,112,021             |
| LANDSAT-7      | 2                    | 4/15/99           | 1/19/24         | 518                | 2,184,464             |
| ALOS           | 0                    | 5/16/06           | 4/21/11         | 483                | 1,171,229             |
| ENVISAT        | 1                    | 3/1/02            | 4/8/12          | 468                | 700,199               |
| ICEBRIDGE      | 0                    | 3/1/09            | 11/20/19        | 424                | 7,009,051             |
| ICEBRIDGE      | 1                    | 3/1/09            | 11/20/19        | 419                | 21,169,365            |
| TRMM           | 2                    | 11/27/97          | 4/8/15          | 190                | 8,355,245             |
| GOES-8         | 2                    | 4/13/94           | 4/1/04          | 106                | 1,090,068             |
| MERRA          | 4                    | 1/1/79            | 2/29/16         | 98                 | 1,449,381             |
| SENTINEL-1B    | 4                    | 4/25/16           | 12/23/21        | 94                 | 470,414               |
| ICEBRIDGE      | 3                    | 1/1/06            | 7/25/17         | 71                 | 19,871,862            |
| ENVISAT        | 3                    | 3/1/02            | 4/8/12          | 70                 | 2,476,901             |
| NASA ER-2      | 2                    | 1/1/21            | 7/17/25         | 67                 | 96,742                |
| RADARSAT-1     | 0                    | 2/1/96            | 3/29/13         | 53                 | 641,491               |
| NASA ER-2      | 1                    | 1/1/21            | 7/17/25         | 51                 | 157,153               |
| SMODE          | 1                    | 10/17/21          | 5/3/23          | 51                 | 1,899                 |