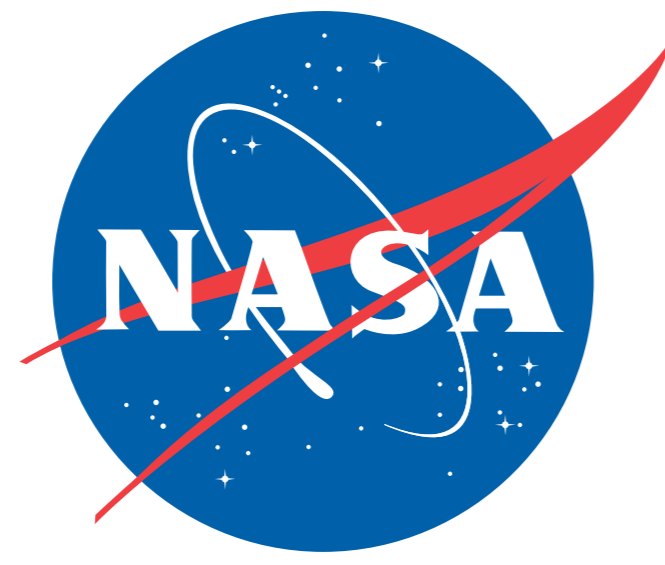


CDDIS ARCHIVE STRUCTURE SUPPORTING LASER RANGING DATA AND PRODUCTS



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ABSTRACT

The Crustal Dynamics Data Information System (CDDIS) has archived laser ranging data since 1982. These data consist of on-site normal points and full-rate. Products derived from the data are also archived in support of the ILRS. A new Linux-based server was recently procured for the CDDIS. During the transition to this new server, modifications to the on-line directory structure and filenames for the laser data archive will be made. This presentation will outline the new structure and filenames proposed for the CDDIS laser ranging archive.

FAQ

What changes are proposed to the CDDIS SLR archive?

- Names of main SLR data directories will change
- Structure of data filenames will change
- Contents of files will not change
 - Normal point and full-rate data formats unchanged
 - Daily normal point files contain data received in previous 24 hour period
 - Hourly normal point files contain data received in previous 1 hour period
 - Monthly normal point and full-rate files contain data dated for month

Why make a change?

- Make CDDIS archive more user-friendly
- Make archive structure more consistent between data types
- Make filenames and directory names more logical and consistent
- Make filename structure consistent between normal point and full-rate data types

When will the change take place?

- New filenaming convention and directory structure will be established on new CDDIS server
- New CDDIS server to be operational summer 2004

Will there be a transition period?

- Yes!
- Access to old CDDIS server (cddisa.gsfc.nasa.gov) will be permitted for some months after new server is operational
- Archives on both servers will be maintained during this transition period

Will the CDDIS and EDC archives have the same structure?

- We are looking into this!

PROPOSED STRUCTURE

<pre> /pub/slr/data/ /npt/SATNAME/YEAR/SATNAME.YYMMDD /SATNAME.YYMM /sum/SATNAME_sum.YYMM /allsat/YEAR/nasa_allsat.YYMMDD /edc_allsat.YYMMDD /allsat.YYMMDD /allsatH.YYMMDD /allsat.YYMM /sum/allsat_sum.YYMM /fr/SATNAME/YEAR/SATNAME_V.YYMM.Z /sum/SATNAME_V_sum.YYMM.Z /daily/SSSS/SSSS_YYMMDD_V.SATNAME.Z /npt/YEAR/SATNAME_V_npt.YYMM.Z /sum/SATNAME_V_npt_sum.YYMM.Z </pre>	<p>Daily combined normal point data file by satellite</p> <p>Monthly normal point data file</p> <p>Monthly normal point summary file</p> <p>Daily HTSI file includes normal point data from NASA stations only for all satellites</p> <p>Daily EDC file includes normal point data from EUROLAS stations only for all satellites</p> <p>Daily combined normal point data file for all satellites</p> <p>Hourly combined normal point data file for all satellites</p> <p>Monthly normal point data file for all satellites</p> <p>Monthly normal point summary file</p> <p>Monthly full-rate data file</p> <p>Monthly full-rate summary file</p> <p>Daily full-rate data file</p> <p>Monthly file of normal points created from full-rate</p> <p>Monthly summary file of normal points created from full-rate</p>
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<p>KEY:</p> <p>SATNAME Satellite name (predetermined list)</p> <p>YEAR 4-digit year</p> <p>YY 2-digit year</p> <p>MM 2-digit month</p>	<p>DD 2-digit day</p> <p>H 1-digit hour of day</p> <p>V Version number</p> <p>SSSS 4-digit station number</p>
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FOR FURTHER INFORMATION

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