

**4/25/2002**

**Basic Data Set Definition for the  
National Satellite Land Remote Sensing Data Archive**

Consistent with P.L. 102-555, the following priorities are the suggested focus for data acquisition by the National Satellite Land Remote Sensing Data Archive (NSLRSDA):

Priorities:

- 1) Over US Land Territory from any civil (public/private) satellite.
- 2) Over land anywhere from unclassified US satellite acquisitions.
- 3) Data collected by foreign remote sensing space systems, as determined to be appropriate by the Secretary.

Criteria - data that:

- Provide an historical record of the land surface (base data for comparative analysis);
- Relate to environmental global change monitoring and research;
- Are within the fiscal constraints of the archive;
- Establish processes and mechanisms to identify user information needs.
- Preserve datasets that are in risk of permanent loss.

Exclusions:

- NTM data anywhere;
- Oceanic and atmospheric data.

Technical Characteristics of archived data:

- Archive raw imagery and ancillary data (radiometric calibration, atmospheric correction, motion model, etc. in standard formats)
- Stored by strip/pass rather than scene;
- Maintain a high quality ground control archive, distributable in standard formats wherever possible;
- Maintain DEM archives, distributable in standard formats wherever possible;
- Documented in catalogs accessible via browse facilities;
- Archive higher level products where appropriate (including ancillary data and standard metadata);

Technical Characteristics of retrieved data products:

- Retrieval by specified areas;
- Include geometry model, spacecraft motion model, etc.;
- Precision and terrain correction services available;