

## IRS LEGACY DATA PRODUCTS ( BETA VERSION)

IRS-1A/1B/1C/1D series of satellites were launched in 1988, 1991, 1995 and 1997 respectively and having sensors LISS-I, LISS-II in IRS-1A/B, LISS-III, PAN and WiFS in IRS1C/1D. Many cycles of data are available (in NRSC archive) with systematic coverage of entire Indian region from 1988 onwards. This data has been extensively used by the remote sensing user community for their applications in forestry, drought, urban, agriculture and land resources. With the advent of many contemporary global satellites today, the data is currently being used (to some extent) along with the other satellite data sets; in various operational time series analysis and applications like change detection, land and water resource monitoring etc.

Precision products from these legacy satellites will be generated at NRSC in an operational manner. The spatial accuracy of these products was validated with standard references and found to be in good agreement.

One complete coverage of full India IRS-1C/L-III precision products are available at <ftp1.nrsc.gov.in>.

**Host :: ftp1.nrsc.gov.in**  
**User :: betaproducts**  
**Passwd :: Beta#2021**  
**connection type :: sftp ,port 22**  
**Folder :IRS1C\_Liss3 data**

Following are the specifications of these sample products

- ✓ DN (4 Bands- Green,Red,NIR& SWIR)
- ✓ Spatial resolution @ 23.5 m(B2,3,4) , B5(70.5) ,GeoTIFF
- ✓ Projection: GCS, Datum: WGS-84
- ✓ Metafile

Spatial accuracy is maintained well within +/- 3 pixels. Uncertainties in radiometry might exist due to artifacts like uncorrectable pixel dropouts and line losses. Feedback from users is highly appreciated to improve the quality of the products.