

README

Various types of SCATSAT-1 data products are available for half orbits viz., southpole to north pole or north pole to south pole for all 14/15 orbits per day. The products are available for 25 km and 50 km grids over the entire world in HDF5 format.

Types of products

Sl No.	Level of product	Description of the product
01	Level 2A	Grid mode sigma – 0
02	Level 2B	Grid mode wind
03	Level 3SH	Global sigma – 0 product (Horizontal polarization)
04	Level 3SV	Global sigma – 0 product (Vertical polarization)
05	Level 3W	Global wind product

File naming convention:

Level 2 products:

S1LPPYYYYDDD_AAAAA_BBBBB_ZZ_GGkm-yyyy-dddThh-mm-ss_v1.1.1 (for L2 products)

Where

PP – product type i.e., 2A, 2B
YYYY -year
DDD -Julian day
AAAAA -starting orbit number
BBBBB -ending orbit number
ZZ - direction i.e., NS or SN
GG -grid i.e., 25 or 50
yyyy – product generation year
ddd – product generation Julian day
hh– product generation time in hours
mm – product generation time in minutes
ss – product generation time in seconds

Level 3 products:

S1L3PPYYYYDDD_GGkm_v1.1.1

Where

PP – product type i.e., SV,SH,WW

YYYY -year

DDD -Julian day

GG -grid i.e., 25 or 50

L2A products will be available for 15 days only whereas other products will be available for the entire mission.

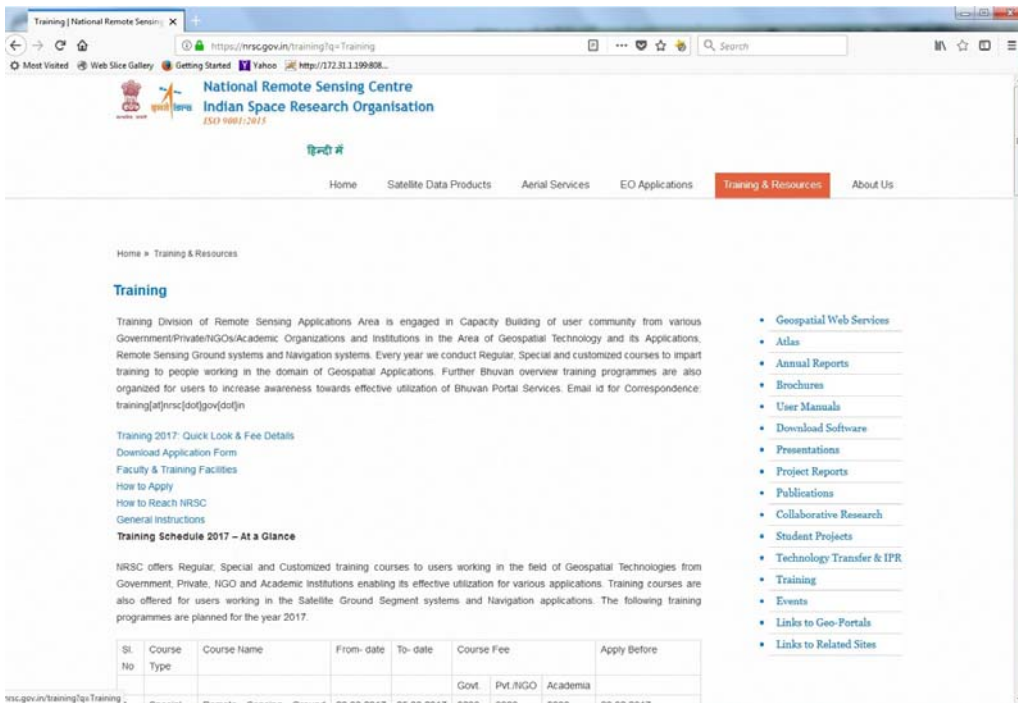
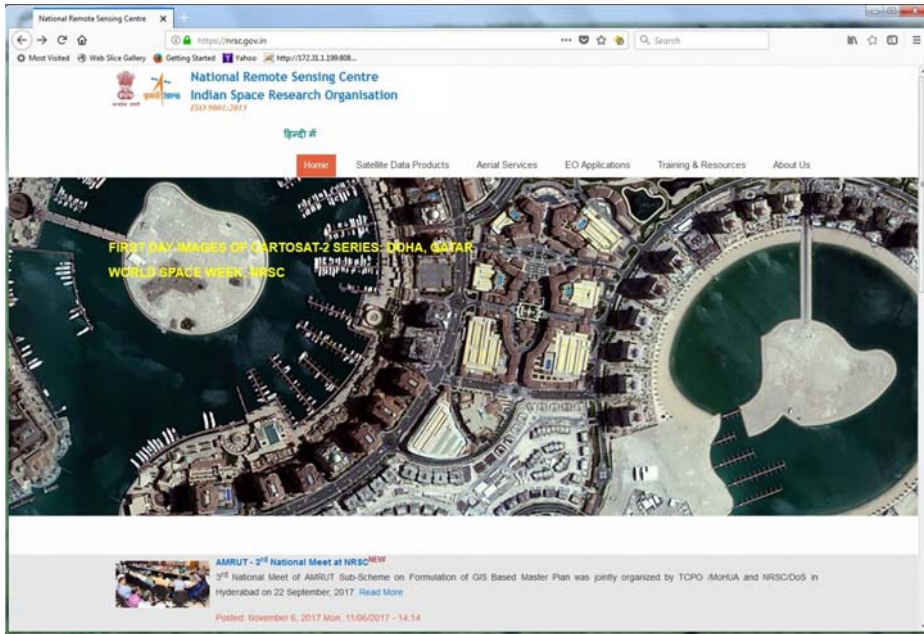
Details of SAGAR web portal

SAGAR is an acronym for **S**cientific **A**pplication based **G**lobal **A**Rchive and it is a portal used for disseminating science mission's data sets like SCATSAT-1, Oceansat-2, SARAL etc. The same portal will be upgraded for future science missions like Oceansat-3 and 3A. Presently it disseminates data products pertaining to SCATSAT-1. Users can select the product by verifying its jpeg image and can download data. The data sets are being uploaded for every 180 minutes in near real time. The portal is a part of Bhuvan portal. In order to enter portal, the users have to register for the first time. Afterwards, they can enter portal using their username and password.

The following are the steps for entering portal.

- Pl go to NRSC web site ie., www.nrsc.gov.in
- Click Training and Resources link
- Click link to Geo portal sub link
- Click Bhuvan sub link
- Click open data archive button
- Finally select SCATSAT-1 Scatterometer under Selection SubCategory

The various screenshots are also attached herewith.



Links to Geo-Portals | National Remote Sensing Centre
Indian Space Research Organisation

Home | Satellite Data Products | Aerial Services | EO Applications | **Training & Resources** | About Us

Home » Training & Resources

Links to Geo-Portals

Independent Departments, Govt. of India (4)	
Bhuvan	NRSC, ISRO/DOOS
India-WRS	
Bhuvan Panchayat	
MOSDAC	SAC, ISRO/DOOS
Ministries, Govt. of India (7)	
Crop Forecast, MNCFC	Ministry of Agriculture
National Agricultural Market Atlas Soil and Land Use Survey	
Geological Maps	Ministry of Mines
Census of India 2011	Ministry of Home Affairs
surveykshon portal	Ministry of Science and Technology
National Spatial Data Infrastructure	
GIS Services	Ministry of Communications & IT
State Portals (40)	
Sarva Shiksha Abhiyan	Andhra Pradesh
Forest Department GIS	
AP State Development Planning Society GIS	
Arunachal Pradesh GIS	Arunachal Pradesh
State Disaster Management Authority GIS	Assam
i-Bhugol	Bihar
	Chhattisgarh

- Geospatial Web Services
- Atlas
- Annual Reports
- Brochures
- User Manuals
- Download Software
- Presentations
- Project Reports
- Publications
- Collaborative Research
- Student Projects
- Technology Transfer & IPR
- Training
- Events
- Links to Geo-Portals**
- Links to Related Sites

Links to Geo-Portals | National Remote Sensing Centre
Indian Geo-Platform of ISRO

Home | Search | Register Users | Request Collaborations

Visualisation & Free Download

- Bhuvan-2D
- Bhuvan-3D
- Open Data Archive
- Climate Environment

Map & OGC Services

- Thematic Services
- Disaster Services
- Ocean Services
- Create a Map / GIS

Governance/Central Ministries

Ag Governance Dashboard

Application Sectors

- Agriculture
- Forestry
- Ag Governance
- Water
- Tourism
- Urban
- Rural

Rural

- MURREGA
- Ground Water
- Watersheds

Special Applications

- Data Discovery
- Decision Support Dashboard
- Hydrological Products
- International Disasters
- IRS Pass Quick Links
- Locate Satellites
- MAMI
- Multilingual Translation
- On Demand EO Services
- Online Shapefile Creation
- OSCAT-3D
- Smart Tracking

Image Gallery

State Portals/Applications (Click on any State)

State: ANDHRA PRADESH

Andhra Pradesh Asset Mapping

Most Applications available for State: ANDHRA PRADESH

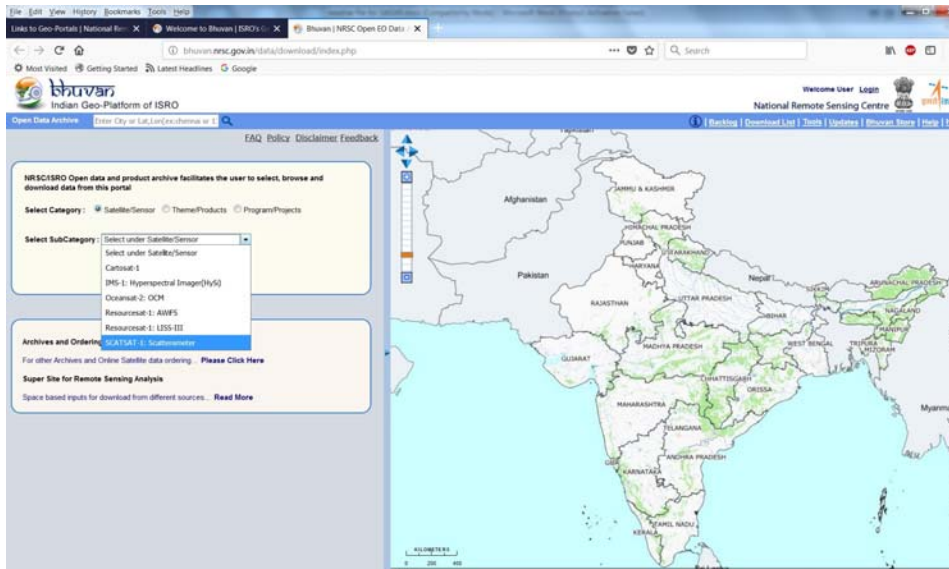
Updates | Download

- Developing of assets release 2 Cities in MURREGA
- Developing of Assets State Vihar Trains Assets
- Bhuvan Satellite Data as OGC Web Service
- Ag Governance Dashboard

Map | Sat | H2O | Top

Home | Search | Register Users | Request Collaborations

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For any issues or clarifications, pl. send mail to the following email address ,

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