

## 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.

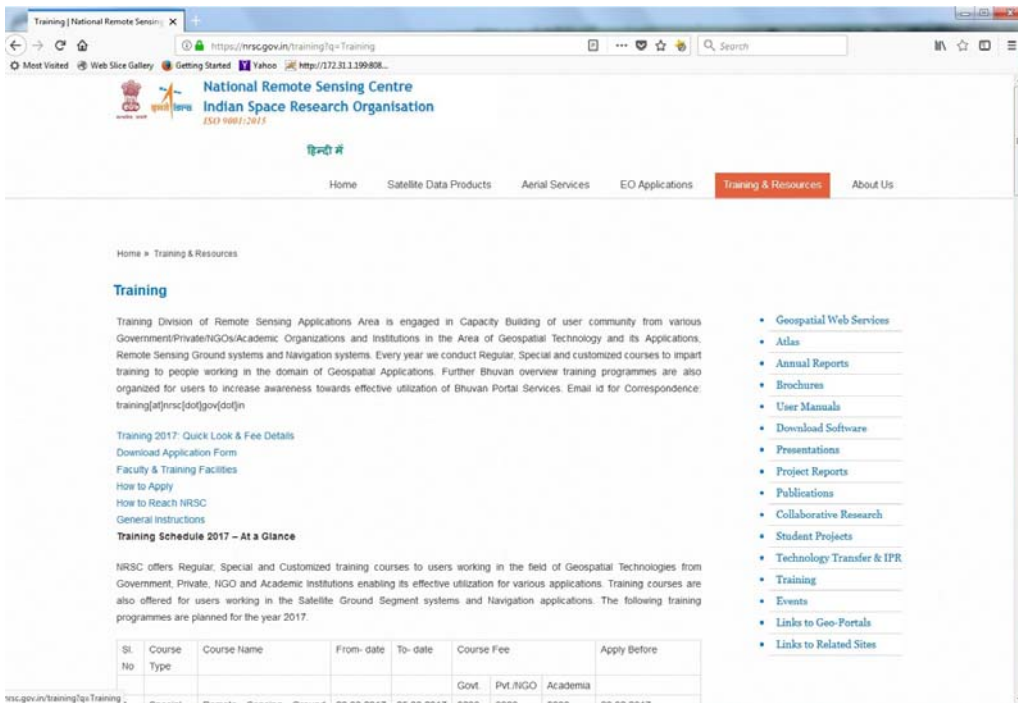
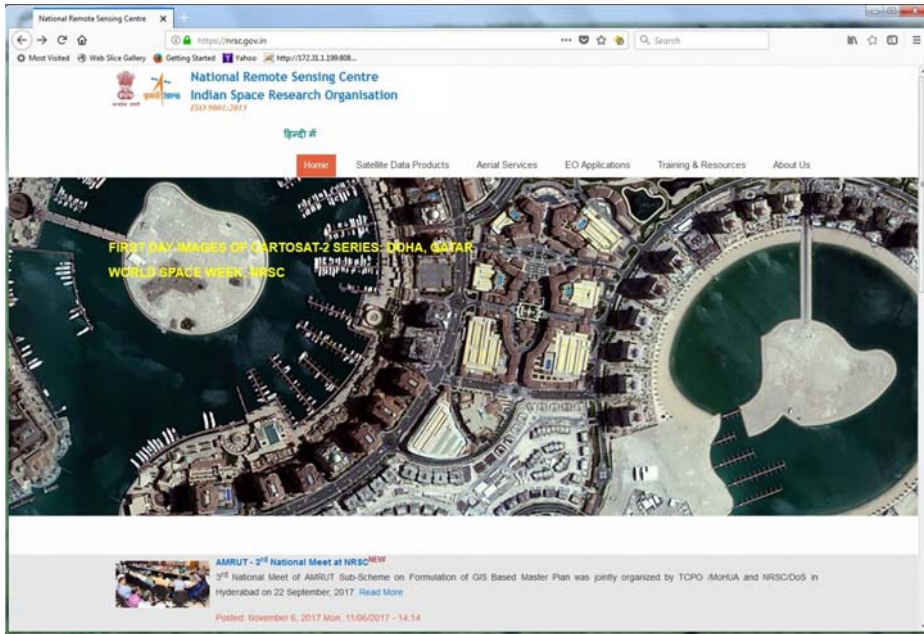
### **Details of SAGAR web portal**

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](http://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  
 200 1982, 2013

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### Links to Geo-Portals

<b>Independent Departments, Govt. of India (4)</b>	
Bhuvan	NRSC, ISRO/DOOS
India-WRS	
Bhuvan Panchayat	
MOSDAC	SAC, ISRO/DOOS
<b>Ministries, Govt. of India (7)</b>	
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
<b>State Portals (40)</b>	
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

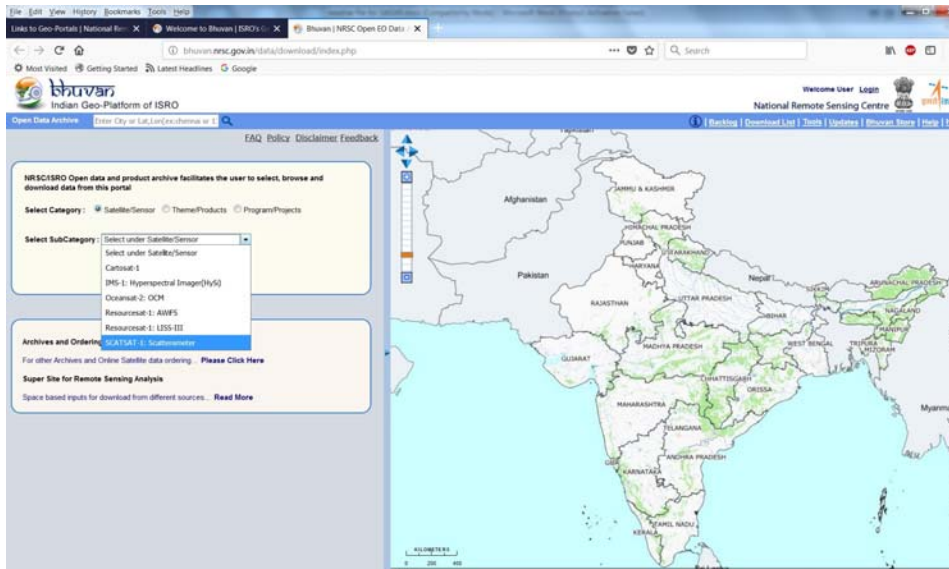
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India-WRS	
Bhuvan Panchayat	
MOSDAC	SAC, ISRO/DOOS
<b>Ministries, Govt. of India (7)</b>	
Crop Forecast, MNCFC	Ministry of Agriculture
National Agricultural Market Atlas Soil and Land Use Survey	
Geological Maps	Ministry of Mines
Census of India 2011	Ministry of Home Affairs
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GIS Services	Ministry of Communications & IT
<b>State Portals (40)</b>	
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



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

[chandrsekhar\\_kv@nrs.gov.in](mailto:chandrsekhar_kv@nrs.gov.in)