

WMO SPACE PROGRAMME ONLINE RESOURCES

Data Access, and Data Processing Tools Webpages

(Submitted by the Secretariat)

Summary and Purpose of Document

To summarize the status of:

1. [Data Access page](#)

This page is dynamically sourcing the “data access information” and “data access link” and the following fields from OSCAR/Space: Satellite | Space Agency | Orbit . The page is searchable and has currently **93** entries. Objective is to guide users in finding data access entry points on the provider end. This is particularly useful for satellite missions where data access information is hard to find on the web.

In contrast to the Product Access Guide (PAG), data access information is of general nature, and the links point to low-level data or to a data access overview page.

2. [Data Processing tools page](#)

This page has been up and running for five years and provides guidance on tools for processing and visualizing satellite data that are commonly in operation by the community (with basic information and links to 10 commercial and 18 open source tools).

Screenshots are provided for both pages. Website traffic statistics are not yet available since these pages run on the main WMO webserver which is currently undergoing migration (N.B.: the OSCAR/Space, Product Access Guide and SATURN pages are hosted by a server outside of the Secretariat).

ACTION PROPOSED

The third session is invited to:

- (a) Provide comments on the websites and their contents as appropriate.



Data Access

Basic information on access to satellite data and related information of relevance to WMO:

See the [Product Access Guide](#) for access to imagery and derived products.

Show entriesSearch:

Satellite (Acronym) ▲	Space Agencies ▲	Orbit ⚙	Data access information	Data access link
HJ-1A	CAST CRESDA	SunSync	<ul style="list-style-type: none"> Data distributed by CRESDA. 	http://218.247.138.121/DSSPlatform/index.html
HJ-1B	CAST CRESDA	SunSync	<ul style="list-style-type: none"> Data distributed by CRESDA. 	http://218.247.138.121/DSSPlatform/index.html
HJ-1C	CAST CRESDA	SunSync	<ul style="list-style-type: none"> Data distributed by CRESDA. 	http://218.247.138.121/DSSPlatform/index.html
CBERS-4	CAST CRESDA INPE	SunSync	<ul style="list-style-type: none"> Direct reception at appointed ground stations in X-band. Near-real-time selected data by GEONetCast. Off-line data distribution from the receiving and processing stations via Internet. 	http://www.dgi.inpe.br/CDSR/
FY-2E	CMA NRSCC	GE0	<ul style="list-style-type: none"> Near-real time availability of full resolution S-VISSR images on HRIT, CMACast and via CMA portal. Availability of image segments of S-VISSR in digital form by LRIT. Availability of DCP messages by ground lines. 	http://satellite.nsmc.org.cn/PortalSite/Default.aspx

Programme Overview[⇒ Space-based GOS](#)[⇒ Data access & use](#)[Introduction](#)[Formats and Standards](#)[From data to products](#)[Dissemination](#)[Data Access](#)[Tools](#)[Product Access Guide](#)[SCOPE-CM](#)[SCOPE-Nowcasting](#)[IGDDS](#)[DBNet](#)[⇒ Awareness & Training](#)[⇒ Space Weather](#)[Regional Activities](#)[Information Resources](#)[Partners](#)[CGMS](#)[GOS](#)[WIGOS](#)[WIS](#)[OSCAR Database](#)



Tools

Processing, Visualization and Analysis Tools (Open Source)

Name	Provider	Input Formats	Version Update
AAPP	NWP SAF	Direct readout HIRS, AVHRR, AMSU, MHS, IASI data	Version 7 (Mar 2012)
AWIPS	Unidata, University of Wisconsin, USA; Raytheon	GRIB, BUFR, HDF, shapefiles, Others	To be replaced by AWIPS-II
AWIPS-II	Unidata, University of Wisconsin, USA	GRIB, HDF, Others	Full release in 2014
BILKO	UNESCO	GIF, PCX, BMP, HDF, netCDF, Envisat-generic, GeoTIFF	Version 3.4 (Aug 2013)
CSPP	CIMSS, University of Wisconsin, USA	Direct readout VIIRS, ATMS, CrIS data	CSPP release history
CSPP Geo	CIMSS, University of Wisconsin, USA	Direct readout of GOES using GVAR, GRB stream	GVAR: Version 1.0 (Apr 2015); GRB: Version 0.3 Prototype (Oct 2015)
DIANA	met.no	netCDF, OpenDAP, GRIB, BUFR, GeoTIFF, HDF5	Version 3.33.0 (Sep 2013)
EUMETView	EUMETSAT	JPG, KMZ, GeoTIFF,	V 1.3.0