

COMMISSION FOR BASIC SYSTEMS
OPEN PROGRAMME AREA GROUP ON INTEGRATED OBSERVING SYSTEMS

INTER-PROGRAMME EXPERT TEAM ON SATELLITE UTILIZATION AND
PRODUCTS

ITEM: 13.2

FOURTH SESSION

Original: ENGLISH

GENEVA, SWITZERLAND, 26 FEBRUARY – 1 MARCH 2018

WMO SPACE PROGRAMME ONLINE RESOURCES

SATURN – SATellite User Readiness Navigator

Status of portal contents

(Submitted by the Secretariat)

Summary and Purpose of Document

As one leg of user readiness support, the WMO Space Programme, with the support of the CGMS member agencies, has developed the online portal SATURN (SATellite User Readiness Navigator, <https://www.wmo-sat.info/satellite-user-readiness>) providing a single point of access for all pertinent information on the new generation of satellites, such as on systems, data access, and training resources.

The document presents the status of the portal and its content as of February 2018. During the meeting, a quick online tour of the current content will be provided.

The document also includes website traffic statistics provided by GAnalytics. Over the past year, there were about 2 sessions and 5 pageviews of SATURN per day. No correlation of website traffic with the launch of JPSS-1 is noticeable. Editing and updating of the site leads to spikes in pageview statistics.

ACTION PROPOSED

The session is invited to:

- (a) Provide comments on the portal and its contents as appropriate;
- (b) Support the promotion of the portal among WMO members;

Appendix: SATURN website traffic statistics

Introduction

As the second leg of user readiness support, the WMO Space Programme, in collaboration with CGMS member agencies, has developed the online portal SATURN (SATellite User Readiness Navigator, <https://www.wmo-sat.info/satellite-user-readiness>) providing a single point of access for all pertinent information on the new generation of satellites, such as on systems, data access, and training resources. Initially it was the intention to cover the new generation of GEO satellites, but at CGMS-43 in 2015 it was agreed to extend the scope to also cover the new Low Earth Orbit Satellites in the main sun-synchronous orbits: Early-Morning, Mid-Morning and Afternoon.

The portal went online in June 2014 at the occasion of the Executive Council meeting, and the Space Programme team has since worked with the different CGMS operators to provide up-to-date content for the different new satellite systems.

In addition to the satellite-specific material provided by CGMS members, the Space Programme team has included links to relevant global resources, e.g. global training resources provided by the Virtual Lab.

A brief overview of the status and plans for the different satellites is provided below. For more details, please access the portal content directly at <https://www.wmo-sat.info/satellite-user-readiness>.

Himawari-8/9 (JMA)

Satellites considered (launch dates): Himawari-8 (7 Oct 14), Himawari-9 (2 Nov 16)

Starting in 2014, JMA has provided and maintained comprehensive SATURN content related to Himawari-8 user preparations. This has included information about the satellite and its instruments, operations planning, long-term operational scenario, data access both through HimawariCloud and HimawariCast, test data and software tools, higher-level products etc. No information on the HimawariRequest protocol is yet available.

JMA point of contact: Yasushi Izumikawa

GOES-R (NOAA)

Satellites: GOES-16 (19 Nov 16), GOES-S (2018)

Starting in 2014, the GOES-R Programme Scientists Office at NOAA is providing and maintaining comprehensive SATURN content related to GOES-R user preparations, and this is continuing with the roll-out of GOES-16 operations. This has included information about the satellite and its instruments, commissioning planning including GOES-16 data availability planning, operations planning, data access, test data and software tools, higher-level products etc. NOAA has also provided links to different training resources relevant to GOES-R, including resources in Spanish language for South and Central America.

NOAA point of contact: Steve Goodman and Michelle Smith, GOES-R Programme Office (N.B.: Steve Goodman has retired from NOAA).

FY-4 (CMA)

Satellites: FY-4A (11 Dec 16)

Starting in 2015, CMA has provided content related to FY-4 User Preparations. It must be noted that due to the R&D nature of the FY-4A satellite and the extended commissioning period, it is expected that the FY-4A content will further develop in 2018. The user readiness planning schedule has been added. The maintenance of the FY-4 content is hampered somewhat by the fact that due to firewall issues, it is not possible for CMA staff to maintain the content directly.

CMA point of contact: Lu Feng

INSAT-3D (IMD)

Satellites: INSAT-3DR (8 Sep 2016) and INSAT-3DS (2022)

Starting in 2015, IMD is providing content related to User Preparations for INSAT-3DR, covering all relevant areas. Significant content has been added in April 2017 on operational details, data products, formats, and access, following the entering of the INSAT-3DR satellite into operations.

IMD point of contact: Virendra Singh

GEO-KOMPSAT-2 (KMA)

Satellites: GEO-KOMPSAT-2A (May 2018), GEO-KOMPSAT-2B (March 2019)

Starting in 2016, KMA is providing and maintaining content related to GEO-KOMPSAT-2A User Readiness, covering all relevant areas. User readiness planning content on GEO-KOMPSAT-2A milestones was updated in April 2017.

KMA point of contact: Hyunjong Oh

Meteosat Third Generation (EUMETSAT)

Satellites: MTG-I1 (2021), MTG-S1 (2023)

Starting in 2015 EUMETSAT has provided content related to MTG User Preparations. With the start of the MTG User Preparations Project in 2017, content on mission basics, coverage and operations schedule, long-term operations plan, and planned products and applications was added.

EUMETSAT point of contact: Sally Wannop and Sancha Lancaster

JPSS (NOAA)

Satellites: JPSS-1 (18 November 2017), JPSS-2 (2022)

Starting in April 2017, NOAA is providing content related to User preparations for JPSS-1, such as on operational schedule, instrument performance (including Spectral Response

Functions), data and products, tools, and test data.

NOAA point of contact: Mitch Goldberg and Julie Price, JPSS Programme Office

FY-3 (CMA)

Satellites: FY-3E (2018)

FY-3E will be the first satellite with a full IR/MW sounding and IR/VIS imaging complement in the Early Morning orbit, and therefore the development of the SATURN content for this satellite is of particular importance. CMA has not yet provided content for SATURN related to FY-3E, but CMA has informed that this work will start after the FY-3D launch, planned for later in 2017.

CMA point of contact: Tang Shihao

Electro-L (ROSHYDROMET)

Satellites: ELECTRO-L-N2 (11 Dec 2015), ELECTRO-L-N3 (2017)

In 2014, ROSHYDROMET provided preliminary content related to ELECTRO-L User Preparations, and updates were made in April 2017 on ELECTRO-L N2 instrument performance.

ROSHYDROMET point of contact: Sergei Uspensky

Metop Second Generation (EUMETSAT)

Satellites: Metop-SG-A1 (2021), Metop-SG-B1 (2022)

Work has not started yet

EUMETSAT point of contact: none

Meteor (ROSHYDROMET)

Satellites: Meteor-M N2-1 (2017), Meteor-M N2-2 (2017)

Work has not started yet

ROSHYDROMET point of contact: none

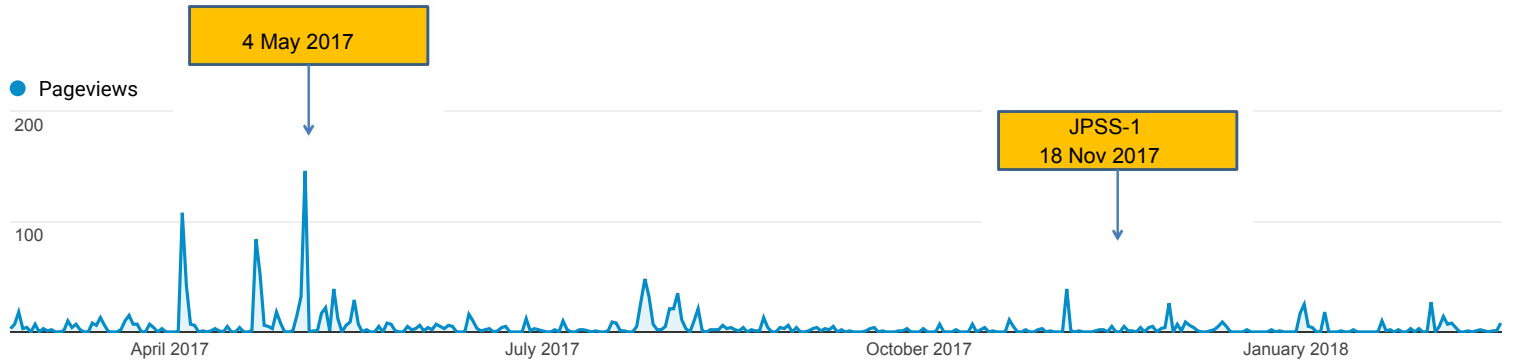


Audience Overview

Feb 21, 2017 - Feb 20, 2018

All Users
100.00% Users

Overview



Users

333

New Users

321

Sessions

600

Number of Sessions per User

1.80

Pageviews

1,762

Pages / Session

2.94

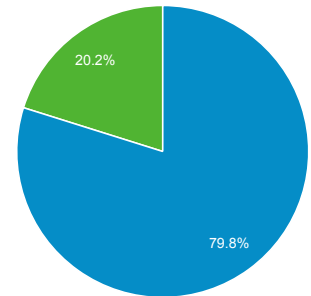
Avg. Session Duration

00:03:11

Bounce Rate

49.50%

■ New Visitor ■ Returning Visitor



Country	Users	% Users
1. United States	45	13.12%
2. Switzerland	29	8.45%
3. United Kingdom	29	8.45%
4. Germany	25	7.29%
5. South Korea	16	4.66%
6. Canada	14	4.08%
7. France	13	3.79%
8. China	11	3.21%
9. Spain	11	3.21%
10. Trinidad & Tobago	11	3.21%