

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

INTER-PROGRAMME EXPERT TEAM ON SATELLITE UTILIZATION AND
PRODUCTS

ITEM: 12.2

THIRD SESSION

Original: ENGLISH

GENEVA, SWITZERLAND, 2-5 MAY 2017

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 April 2017. 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 3 sessions and 8 pageviews of SATURN per day. No correlation of website traffic with satellite launches is noticeable. Editing and updating of the site leads to spikes in pageview statistics.

ACTION PROPOSED

The third 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;

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.

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. 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

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 develop significantly during 2017. 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-3 (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.

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.

KMA point of contact: Hyunjong Oh

Meteosat Third Generation (EUMETSAT)

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

Starting in 2015 EUMETSAT has provided preliminary content related to MTG User Preparations. It is expected, that with the start of the MTG User Preparations Project, this content will evolve in the coming years.

EUMETSAT point of contact: Sally Wannop and Sancha Lancaster

JPSS (NOAA)

Satellites: JPSS-1 (September 2017), JPSS-2 (2022)

Starting in 2017, NOAA is providing content related to User preparations for JPSS-1

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.

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



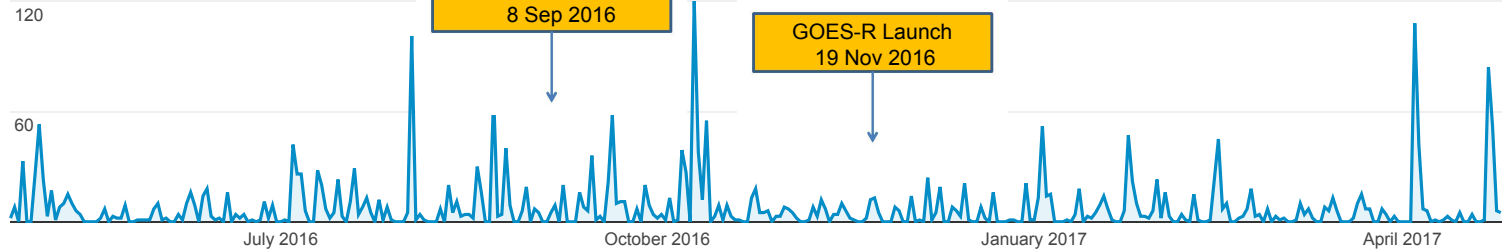
Apr 26, 2016 - Apr 25, 2017

Audience Overview

All Users
100.00% Sessions

Overview

Pageviews



Sessions



Users



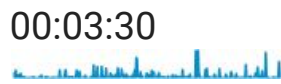
Pageviews



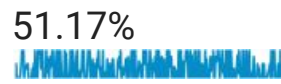
Pages / Session



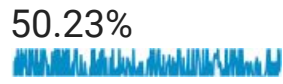
Avg. Session Duration



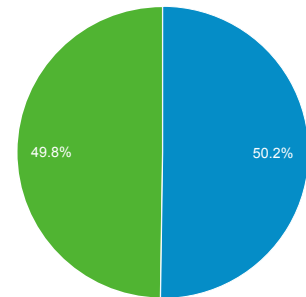
Bounce Rate



% New Sessions



New Visitor Returning Visitor



Country	Sessions	% Sessions
1. Germany	143	16.74%
2. United Kingdom	101	11.83%
3. Japan	99	11.59%
4. United States	97	11.36%
5. Switzerland	72	8.43%
6. South Korea	68	7.96%
7. Trinidad & Tobago	40	4.68%
8. France	26	3.04%
9. Canada	17	1.99%
10. China	17	1.99%