

Radio Occultation Webpage

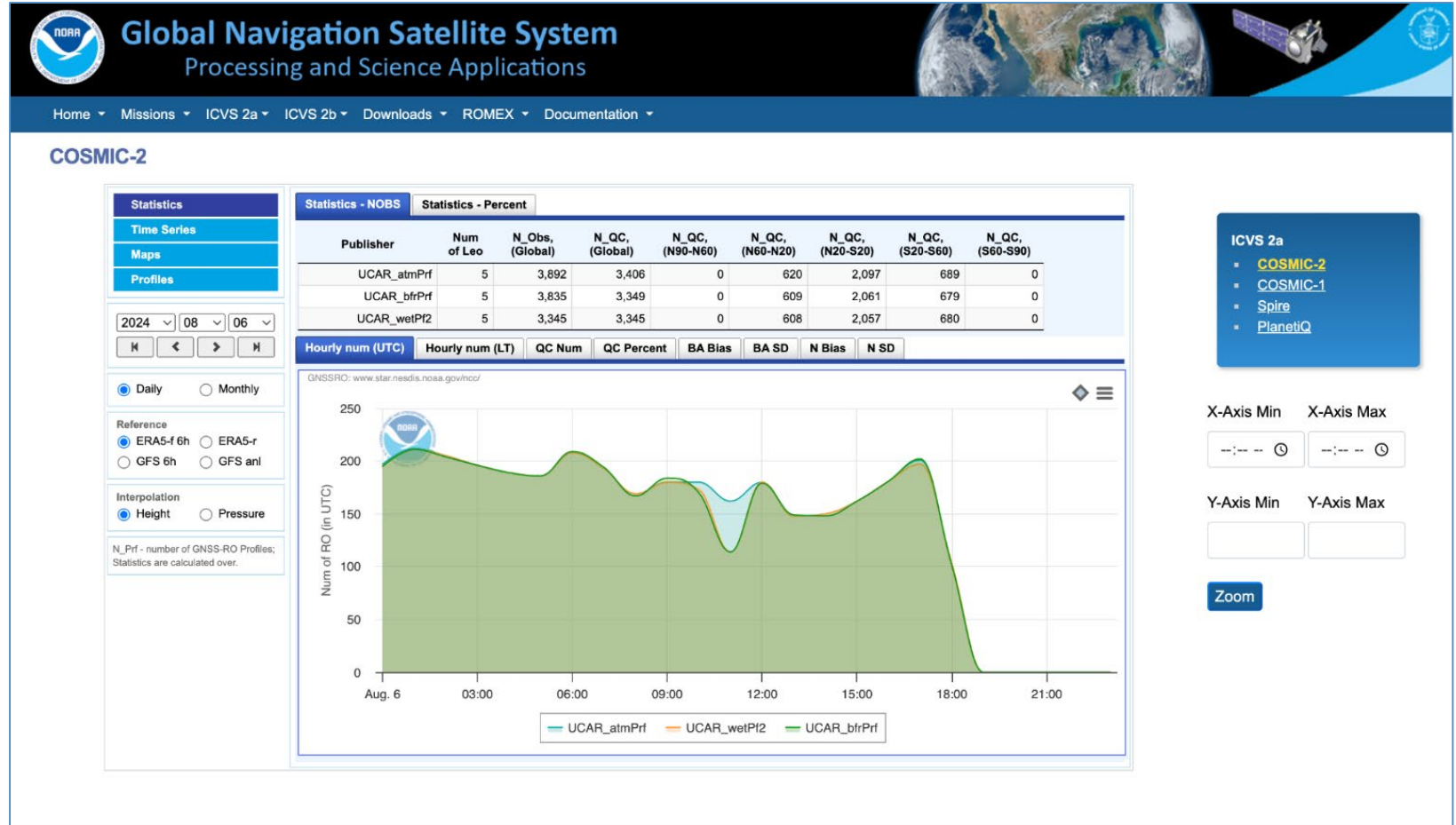
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Objectives

- Standardize out GNSS RO web pages using NOAA STAR template
- Optimize the current visualization methods.

Results

- Products Covered: COSMIC-2, COSMIC-1, PlanetIQ, SPIRE, ROMEX.
- Added additional zoom and permalink functionality to embedded Highchart plots.



Global Navigation Satellite System
Processing and Science Applications

Home ▾ Missions ▾ ICVS 2a ▾ ICVS 2b ▾ Downloads ▾ ROMEX ▾ Documentation ▾

COSMIC-2

Statistics

Time Series

Maps

Profiles

2024 | 08 | 06

⏪ ⏩ ⏴ ⏵

Daily Monthly

Reference

ERA5-f 6h ERA5-r

GFS 6h GFS anl

Interpolation

Height Pressure

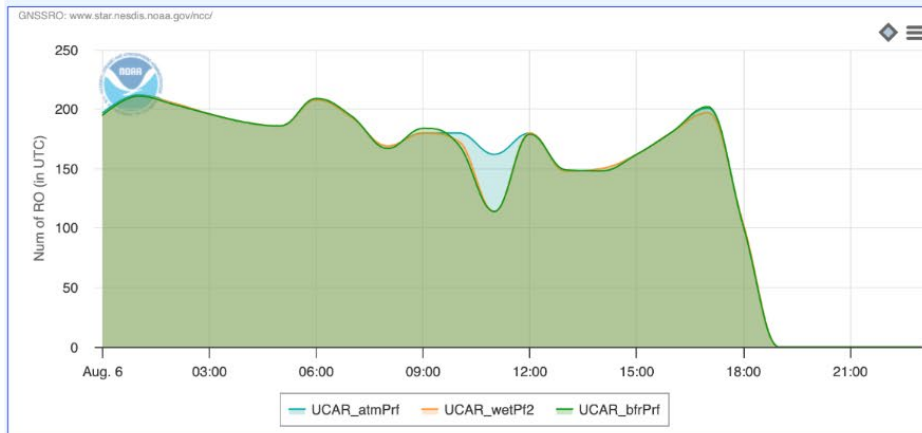
N_Prfl - number of GNSS-RO Profiles; Statistics are calculated over.

Statistics - NOBS | **Statistics - Percent**

Publisher	Num of Leo	N_Obs, (Global)	N_QC, (Global)	N_QC, (N90-N60)	N_QC, (N60-N20)	N_QC, (N20-S20)	N_QC, (S20-S60)	N_QC, (S60-S90)
UCAR_atmPrf	5	3,892	3,406	0	620	2,097	689	0
UCAR_bfrPrf	5	3,835	3,349	0	609	2,061	679	0
UCAR_wetPI2	5	3,345	3,345	0	608	2,057	680	0

Hourly num (UTC) | Hourly num (LT) | QC Num | QC Percent | BA Bias | BA SD | N Bias | N SD

GNSSRO: www.star.nesdis.noaa.gov/nccp/



Legend: UCAR_atmPrf (light blue), UCAR_wetPI2 (orange), UCAR_bfrPrf (green)

ICVS 2a

- COSMIC-2
- COSMIC-1
- Spire
- PlanetIQ

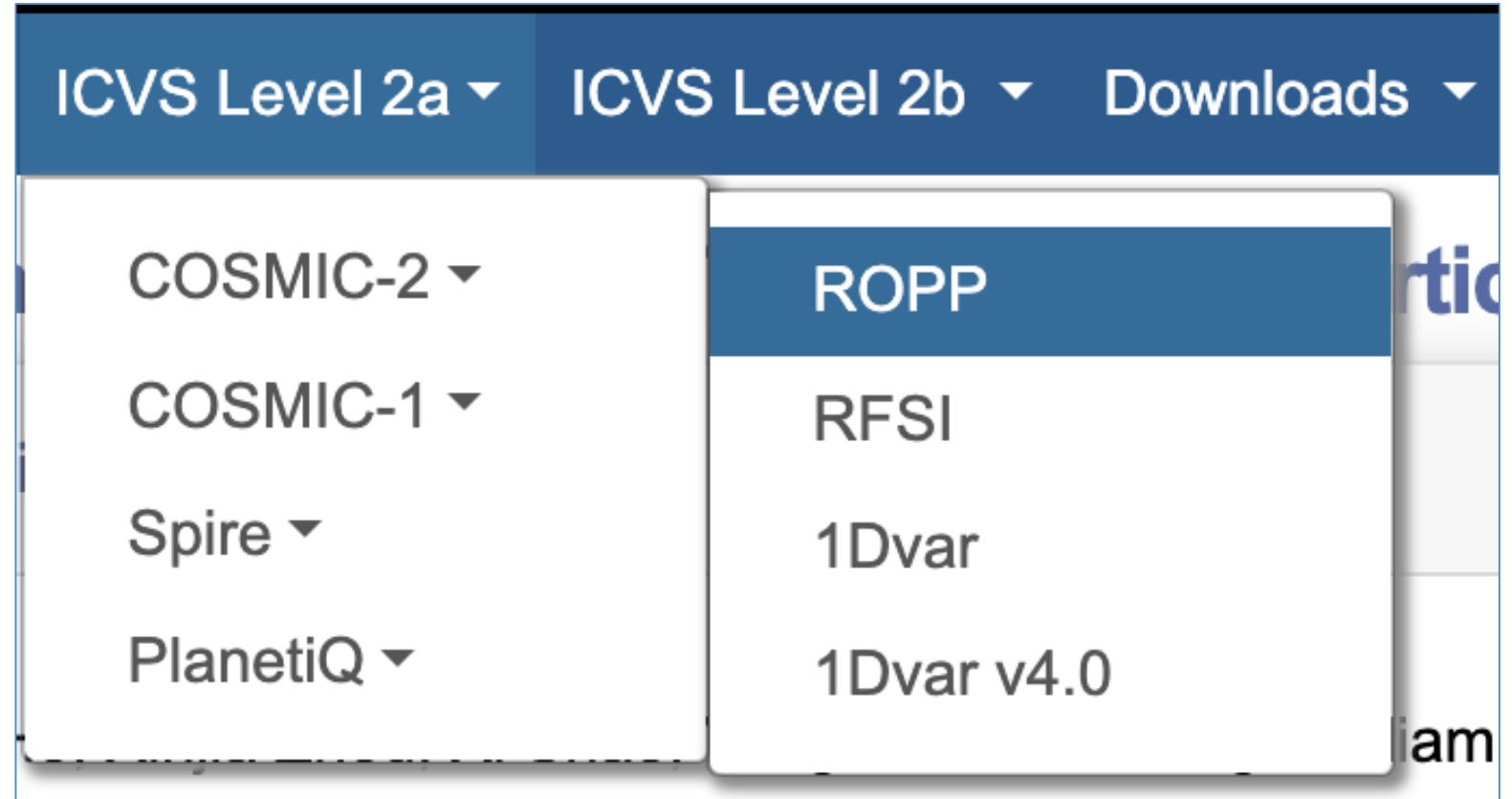
X-Axis Min X-Axis Max

Y-Axis Min Y-Axis Max

Zoom

Pages Completed

- Home
 - Introduction
- Missions
 - Pages explaining each project
- ICVS
 - For each project
 - Levels 2a and 2b
 - Development versions
- Data Download
- Documentation
 - ATBDs
 - Journal Articles



The screenshot shows a navigation menu with three main categories: ICVS Level 2a, ICVS Level 2b, and Downloads. The ICVS Level 2a menu is open, showing sub-items: COSMIC-2, COSMIC-1, Spire, and PlanetiQ. The ICVS Level 2b menu is also open, showing sub-items: ROPP, RFSI, 1Dvar, and 1Dvar v4.0.

ICVS Level 2a	ICVS Level 2b	Downloads
COSMIC-2	ROPP	
COSMIC-1	RFSI	
Spire	1Dvar	
PlanetiQ	1Dvar v4.0	

X-Axis Min

02/01/2024 📅

X-Axis Max

08/01/2024 📅

Y-Axis Min

5000

Y-Axis Max

6500

Zoom

Zoom Function

- User-Specified Range
- Can handle time-series, vertical bias, and uncertainty plots

