NOAA

SATELLITE OPERATIONS

Status of NOAA Satellite Operations & McIDAS at ESPC

Wednesday, May 21, 2025 Clay Davenport ERT, Inc.



Introduction (Jason, Joe, Josh)



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Meeting Agenda

- Introduction
- Part 1: Satellite Status/Product Updates
- Part 2: McIDAS Updates



GOES-R Update



GOES-18 and GOES-19 Status

GOES-18

 GOES-18 is Operational GOES-West satellite as of January 4, 2023

GOES-19

• GOES-19 is Operational GOES-East satellite as of April 7, 2025



GOES-U acoustics testing at Lockheed Martin Space facility in Littleton, CO



GOES Constellation



- GOES-14 will be transferred to U.S. Space Force and will move to Australia this summer
- GOES-15 has been transferred to U.S. Space Force and is located over the Indian Ocean (61.6° E)
- GOES-16 & GOES-17 are now in Storage/Standby, and are ready to provide backup capabilities in the effect of a GOES-East or GOES-West anomaly

M. Seybold, D. Pogorzala



GOES Status

https://www.ospo.noaa.gov/operations/goes/status.html

Office of Satellite And Product Operations

Products - Hazard Analysis - Operational Satellites - Resources - About - Search Q

Operations > GOES > GOES Operational Status

Recent Outages/Anomalies:

Product Anomaly/Outage: GOES-19 - Cloud and Moisture. Sectorized Cloud and Moisture of products delivered to AWIPS and PDA Issued - May 18. Product Anomaly/Outage: GOES-19 - Cloud and Moisture Bands 01.03.05 products delivered to AWIPS -Issued: May 18.2025.0035Z Product Anomaly/Outage: Product Anomaly/Outage: GOES-19 - All products delivered to AWIPS. PDA Issued- May 17.2025.1629Z Product Anomaly/Outage: GOES-18 - Cloud and Moisture. Sectorized Cloud and Moisture of products delivered to AWIPS and PDA. - Issued: May 17, Product Anomaly/Outage: Update #1 GOES-18 - ABI L1b Bands 04.06.07.08.09.10.11.12 products delivered to AWIPS-Issued: May 16.2025.0730Z

GOES Performance Status

Welcome to the Geostationary Operational Environmental Satellites (GOES) spacecraft status page. This site provides up to date status information on each spacecraft and its various subsystems.

Below are the color designations for each satellite status:

Meaning	Operational	Operational with Limitation	Operational with Degradation	Non-Operational	Functional (Off)
Status	Green	O Yellow	Orange	Red	Blue

Spacecraft	Operational Status	Status	
GOES 14	On-Orbit Storage	Blue	
GOES 16	On-Orbit Storage	Blue	

GOES Information

GOES Status

GOES Schedules and Sectors

GOES KOZ/Eclipse

INR Statistics

User Information

Conversion of GVAR

GOES-East Routine Imager Schedule

GOES-R Documents

GOES Transition

Additional Links

GOES Weekly Operations Plan

Help improve this site



GOES Status

GOES Performance Status

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Spacecraft	Operational Status	Status
GOES 14	On-Orbit Storage	Blue
GOES 16	On-Orbit Storage	Blue
GOES 17	On-Orbit Storage	Blue
GOES 18	Operational West	Green
GOES 19	Operational East	Green



GOES-18 Status

Spacecraft Letter: TOperational Date: 1/4/2023Launch Date: 3/1/2022Operational Status: GOES-WestSpacecraft Location: 137.0 WestOperational Status: GOES-WestNotes: GOES-18 became GOES-WEST at 1800Z on January 4, 2023, replacing GOES-17.

Payload Instruments Status:

Spacecraft Subsystem Status:

Instrument	Description	Status		Subsystem	Description	Status
ABI	Advanced Baseline Imager	Green		C & DH	Command & Data Handling	Green
SEISS	Space Environment In-Situ Suite	Green	8	GNC	Guidance, Navigation and Control	Green
100000		Const.		EPS	Electrical Power Subsystem	Green
SUVI	Solar Ultraviolet Imager	Green		Propulsion	Propulsion	Green
EXIS	Extreme Ultraviolet and X-ray Irradiance Sensors	Green		Mechanisms	Mechanisms	Green
GMAG	Magnetometer	Green		Thermal Control	Thermal Control	Green
GLM	Geostationary Lightning Mapper	Green		Communications Payloads	Communications Payloads	Green

* = Spacecraft Issue but No User Impact

** = Investigating Performance Issue which will Impact Users

* = Spacecraft Issue but No User Impact

** = Investigating Performance Issue which will Impact Users



GOES-19 Status

Spacecraft Letter:UOperational Date:4/7/2025Launch Date:6/24/20246/24/2024Operational Status:GOES-EastSpacecraft Location:75.2WOperational Status:GOES-EastNotes:GOES-19 became GOES-EAST on April 7th, 2025 at 1500 UTC, replacing GOES-16.

Payload Instruments Status:

Instrument	Description	Status
ABI	Advanced Baseline Imager	Green
SEISS	Space Environment In-Situ Suite	Green
SUVI	Solar Ultraviolet Imager	Green
EXIS	Extreme Ultraviolet and X-ray Irradiance Sensors	Green
GMAG	Magnetometer	Green
GLM	Geostationary Lightning Mapper	Green
CCOR	Compact Coronagraph	Green

Spacecraft Subsystem Status:

Subsystem	Description	Status
C & DH	Command & Data Handling	Green
GNC	Guidance, Navigation and Control	Green
EPS	Electrical Power Subsystem	Green
Propulsion	Propulsion	Green
Mechanisms	Mechanisms	Green
Thermal Control	Thermal Control	Green
Communications Payloads	Communications Payloads	Green

* = Spacecraft Issue but No User Impact

** = Investigating Performance Issue which will Impact Users

* = Spacecraft Issue but No User Impact

** = Investigating Performance Issue which will Impact Users



GOES-16 and -17 Status

GOES 16 Spacecraft Status Summary

Spacecraft Letter:ROperational Date:12/18/2017Launch Date:11/19/2016Spacecraft Location:104.7 West (location as of June 2025)Operational Status:On-Orbit StorageNotes:GOES-16 became GOES-East at 1730z on December 18, 2017.

Payload Instruments Status:

GOES-17 Spacecraft Status Summary

 Spacecraft Letter:
 Spacecraft Letter:
 Spacecraft Location:
 Operational Date:
 2/12/2019

 Launch Date:
 3/1/2018
 Operational Status:
 On-Orbit Storage

 Notes:
 GOES-17 has been commanded to on-orbit storage at 104.7 W on March 14, 2023. GOES-17 will be moved to 89.5W after GOES-16 relieves its position at 104.7W in June-July 2025.

Payload Instruments Status:

Instrument	Description	Status	Instrument	Description	Status
ABI	Advanced Baseline Imager	Blue	ABI	Advanced Baseline Imager	Yellow
SEISS	Space Environment In-Situ Suite	Blue	SEISS	Space Environment In-Situ Suite	Blue
SUVI	Solar Ultraviolet Imager	Blue	SUVI	Solar Ultraviolet Imager	Green
EXIS	Extreme Ultraviolet and X-ray Irradiance Sensors	Blue	EXIS	Extreme Ultraviolet and X-ray Irradiance Sensors	Green
MAG	Magnetometer	Yellow	MAG	Magnetometer	Blue
GLM	Geostationary Lightning Mapper	Blue	GLM	Geostationary Lightning Mapper	Green



Public Access to GOES Data in AWS

https://registry.opendata.aws/noaa-goes/

Registry of Open Data on AWS

3 The Registry of Open Data on AWS is now available on AWS Data Exchange

>

All datasets on the Registry of Open Data are now discoverable on AWS Data Exchange alongside 3,000+ existing data products from category-leading data providers across industries. Explore the catalog to find open, free, and commercial data sets. Learn more about AWS Data Exchange 2

NOAA Geostationary Operational Environmental Satellites (GOES) 16, 17, 18 & 19

agriculture disaster response earth observation geospatial meteorological satellite imagery weather

Description

NEW GOES-19 Data!! On April 4, 2025 at 1500 UTC, the GOES-19 satellite will be declared the Operational GOES-East satellite. All products and services, including NODD, for GOES-East will transition to GOES-19 data at that time. GOES-19 will operate out of the GOES-East location of 75.2°W starting on April 1, 2025 and through the operational transition. Until the transition time and during the final stretch of Post Launch Product Testing (PLPT), GOES-19 products are considered non-operational regardless of their validation maturity level. Shortly following the transition of GOES-19 to GOES-East, all data distribution from GOES-16 will be turned off. GOES-16 will drift to the storage location at 104.7°W. GOES-19 data should begin flowing again on April 4th once this maneuver is complete.

NEW GOES 16 Reprocess Data!! The reprocessed GOES-16 ABI L1b data mitigates systematic data issues (including data gaps and image artifacts) seen in the Operational products, and improves the stability of both the radiometric and geometric calibration over the course of the entire mission life. These data were produced by recomputing the L1b radiance products from input raw L0 data using improved calibration algorithms and look-up tables, derived from data analysis of the NISTtraceable, on-board sources. In addition, the reprocessed data products contain enhancements to the L1b file format, including limb pixels and pixel timestamps, while maintaining compatibility with the operational products. The datasets currently

Resources on AWS

Description GOES-19 imagery and metadata

Resource type S3 Bucket

Amazon Resource Name (ARN) ann:aws:s3:::noaa-goes19

AWS Region

us-east-1

AWS CLI Access (No AWS account required) aws s3 ls --no-sign-request s3://noaa-goes19/

Explore Browse Bucket

Description

New data notifications for GOES-19, only Lambda and SQS protocols allowed

Resource type SNS Topic



aws

NOAA-15, NOAA-18, NOAA-19 (POES) Operational Status



NOAA-15, NOAA-18, NOAA-19 (POES) Status

https://www.ospo.noaa.gov/operations/poes/status.html

Suspension of POES Data

NOAA will end delivery of all data from the Polar Operational Environmental Satellites (POES) constellation (NOAA-15, NOAA-18, and NOAA-19) on June 16, 2025 at 18:00 UTC. For further information please visit the notice update.

Recent Outages/Anomalies:

Product Outage/Anomaly: ESPC Notice: NOAA-20 VIIRS Lunar Calibration Roll Maneuver Scheduled for May 7th, 2025 Issued: May 2, 2025 1440Z Product Outage/Anomaly - NOAA-21 Cris SDR Anomaly - Issued March 04, 2025 0132 UTC Product Outage/: Update #1 - NOAA-21 Cris SDR Anomaly - Issued. March 04, 2025 0123 UTC

POES Performance Status

Welcome to the Polar Operational Environmental Satellites (POES) spacecraft status page. This site provides up to date status information on each spacecraft and its various subsystems.

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Meaning	Operational	Operational with Limitation	Operational with Degradation	Non-Operational	Functional (Off)
Status	Green	Yellow	Orange	Red	Blue

Spacecraft	Operational Status	Status
NOAA-11, -12, -14, -16, -17	Decommissioned	Red
NOAA-15	AM Secondary	Green
NOAA-18	PM Secondary	Green
NOAA-19	PM Prime Services Mission	Green
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POES Information

NOAA N-Prime Brochure (PDF)

AVHRR

POES Status

POES Orbital Elements

Weekly Spacecraft Events



Suspension of POES Data

NOAA will end delivery of all data from the Polar Operational Environmental Satellites (POES) constellation (NOAA-15, NOAA-18, and NOAA-19) on June 16, 2025 at 18:00 UTC. For further information please visit the notice <u>update</u>.



Update #2: This is the 30 day reminder for Suspension of POES data to Users after June 16, 2025. Update #1: Correction to subject line. Issued date is April 25, 2025 Topic: Suspension of POES data to Users after June 16, 2025 Date/Time Issued: May 16, 2025 1430 UTC Product(s) or Data Impacted: All POES data products Date/Time of Initial Impact: June 16, 2025 18:00 UTC Date/Time of Expected End: NA Length of Outage: See Details.

Details/Specifics of Change: NOAA will end delivery of all data from the POES constellation (NOAA-15, NOAA-18, and NOAA-19) on June 16, 2025 at 18:00 UTC. AMSU-A1/A2/B - data will no longer be available after Jun 16, 2025 after 1800 UTC APT/LRPT - service will be left enabled, but do not use this service for operational use HRPT - service will be left enabled for diagnostic flight use only (no operational use) AVHRR - data will no longer be available after Jun 16, 2025 after 1800 UTC DCS/ADCS (Argos) - service will be left enabled as best effort only HIRS - data will no longer be available after Jun 16, 2025 after 1800 UTC SARR (SARSAT) - service will be left enabled as best effort only SEM - data will no longer be available after Jun 16, 2025 after 1800 UTC MHS - data will no longer be available after Jun 16, 2025 after 1800 UTC SARR (SARSAT) - service will be left enabled as best effort only SEM - data will no longer be available after Jun 16, 2025 after 1800 UTC MHS - data will no longer be available after Jun 16, 2025 after 1800 UTC SBUV - data will no longer be available after Jun 16, 2025 after 1800 UTC In the interim, all users should make plans to discontinue use of POES data from NOAA-15, NOAA-18 and NOAA-19 as these data and services will no longer be made available after Jun 16, 2025 1800 UTC.

Further updates regarding POES will be provided as the June 16, 2025 date approaches.



SNPP, NOAA-20, NOAA-21 Operational Status

https://www.ospo.noaa.gov/operations/jpss/status.html

Operations > JPSS Operational Status

Recent Outages/Anomalies:

Product Outage/Anomaly: JPSS N20 SMD Data Delay-Issued: May 12, 2025 16597 Product Outage/Anomaly: (Update #1) JPSS N21 SMD Data Delay Issued: May 10, 2025 20202 Product Outage/Anomaly: JPSS N21 SMD Data Delay Issued: May 10, 2025 19172 Product Outage/Anomaly: Update #1 JPSS N20 SMD Data Delay Issued: May 10, 2025 12402 Product Outage/Anomaly: JPSS N20 SMD Data Delay Issued: May 10, 2025 11452

JPSS Performance Status

Welcome to the Joint Polar Satellite System (JPSS) spacecraft status page. This page provides up to date status information on each spacecraft and its various subsystems.

Below are the color designations for each satellite status:

Meaning	Operational	Operational with Limitation	Operational with Degradation	Non-Operational	Functional (Off)
Status	Green	Yellow	Orange	Red	Blue

Spacecraft	Operational Status	Status
Suomi-NPP	PM Tertiary	Green
NOAA-20	PM Secondary	Green
NOAA-21	PM Primary	Green



Overall Mission Status | S-NPP

Spacecraft	S-NPP
Launch Date	Oct 28, 2011
Mission Category	LTAN 1325 (PM) (Secondary/Ops) +/- 10 mins (Secondary PM)

Operational (or capable of)

Operational with limitations (or in standby)

Operational with degraded performance

- Not functional
- Functional but turned off
- No status reported



Payload Instruments	Status
ATMS	G
CERES	G
CrIS	0
OMPS – Nadir	G
OMPS – Limb	G
VIIRS	G

Spacecraft Subsystem	Status
TLM, Command & Control	G
ADCS	G
EPS	G
Thermal Control	G
Communications	G
CDP	G
SCC	G
GPS	Y
1553	G
1394	G

Additional Notes:

All instruments except CrIS are operating normally

- CrIS operating on side-1 electronics, Long-Wave recovered and at validated level of maturity (operational) as of July 13, 2020 but CrIS Mid-Wave digital signal processor is inop on side-1.
- ATMS was in safe-hold mode from 11/19-2024 1/28/2025 before being restored.

Overall Mission Status | NOAA-20

Spacecraft	NOAA-20/JPSS-1
Launch Date	Nov 18, 2017
Mission Category	LTAN 1325 (PM) +/- 10 mins (Primary PM)

Operational (or capable of)

Operational with limitations (or in standby)

Operational with degraded performance

Not functional

Functional but turned off

No status reported



Payload Instruments	Status
ATMS	G
CERES	G
CrlS	G
OMPS – Nadir	G
OMPS – Limb	G
VIIRS	G

Spacecraft Subsystem	Status
TLM, Command & Control	G
ADCS	G
EPS	G
Thermal Control	G
Communications	G
CDP	G
SCC	G
GPS	G
1553	G
SpaceWire	G

Additional Notes:

All instruments operating nominally and are meeting/exceeding their established performance specifications.

Overall Mission Status | NOAA-21

Spacecraft	NOAA-21/JPSS-2
Launch Date	Nov 10, 2022
Mission Category	LTAN 1325 (PM) +/- 10 mins (Tertiary PM)

Operational with limitations (or in standby) Operational with degraded performance

Operational (or capable of)

Functional but turned off

No status reported

Not functional

Payload Instruments	Status
ATMS	G
CrIS	G
OMPS – Nadir	G
OMPS – Limb	G
VIIRS	G

Spacecraft Subsystem	Status
TLM, Command & Control	G
ACS	G
EPS	G
Thermal Control	G
Communications	G
PIE (Payload Interface Electronics)	G
IEM (Integrated Electronics Module)/SC CPU	G
GPS	G
1553	G
SpaceWire	G



Additional Notes:

All instruments operating nominally and are meeting/exceeding their established performance specifications.



Public Access to JPSS Data in AWS

https://registry.opendata.aws/noaa-jpss/

Registry of Open Data on AWS

③ The Registry of Open Data on AWS is now available on AWS Data Exchange

All datasets on the Registry of Open Data are now discoverable on AWS Data Exchange alongside 3,000+ existing data products from category-leading data providers across industries. Explore the catalog to find open, free, and commercial data sets. Learn more about AWS Data Exchange 2

NOAA Joint Polar Satellite System (JPSS)

agriculture climate meteorological weather

Description

Near Real Time JPSS data is now flowing! See bucket information on the right side of this page to access products!

Satellites in the JPSS constellation gather global measurements of atmospheric, terrestrial and oceanic conditions, including sea and land surface temperatures, vegetation, clouds, rainfall, snow and ice cover, fire locations and smoke plumes, atmospheric temperature, water vapor and ozone. JPSS delivers key observations for the Nation's essential products and services, including forecasting severe weather like hurricanes, tornadoes and blizzards days in advance, and assessing environmental hazards such as droughts, forest fires, poor air quality and harmful coastal waters. Further, JPSS will provide continuity of critical, global observations of Earth's atmosphere, oceans and land through 2038.

Update Frequency

New data is added as soon as it's available

License

NOAA data disseminated through NODD are open to the public and can be used as desired.

NOAA makes data openly available to ensure maximum use of our data, and to spur and encourage exploration and innovation throughout the industry. NOAA requests attribution for the use or dissemination of unaltered NOAA data. However, it is not permissible to state or imply endorsement by or affiliation with NOAA. If you modify NOAA data, you may not state or imply that it is original, unaltered NOAA data.

Documentation

https://github.com/NOAA-Big-Data-Program/bdp-data-docs/tree/main/JPSS

Resources on AWS

Description NOAA JPSS NOAA-20 Data

Resource type S3 Bucket

Amazon Resource Name (ARN) arn:aws:s3:::noaa-nesdis-n20-pds

AWS Region

AWS CLI Access (No AWS account required) aws s3 ls --no-sign-request s3://noaa-nesdis-n20-pds/

Explore Browse Bucket

Description

New data notifications for JPSS data, only Lambda and SQS protocols allowed

aws

Explore the catalo

Resource type SNS Topic

Amazon Resource Name (ARN) arn:aws:sns:us-east-1:709902155096:NewNOAA200bject

AWS Region us-east-1





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NOAA Partners to Observe the Earth

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STEREO

DSCOVR



NOAA National Environmental Satellite, Data, and Information Service

Himawari and Meteosat Satellite Program Updates



Himawari-8/9/10 Constellation Plans

- Himawari-9 is operational at 140.7E.
- Himawari-8 was placed in standby mode on December 13, 2022. It remains at or near 140.7E.
- ■Lingering Level-2 H-9 products are partially operational.
 - L2 Cloud and Wind products went operational in the NCCF on June 13, 2023 and are available for subscription in the PDA.
- Work is progressing on Himawari-10 with the contractor selections completed and announced. It is still slated to launch in 2028 and take over operations from H-9 in 2029.

JFY (Apr – Mar(Next))	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Himawari-8 Himawari-9	imawari-8 imawari-9					y		In-o O	rbit pera	stan tion	idby al										
follow-on (under considering)															Ma	nufa	actur	ring	L	aunc	h



NOAA's Himawari-8/9 Data Access Options

PDA (operational distribution and subscription)

- H8 L1B data and H8 L2 products in netCDF and netCDF4 if an anomaly occurs with H-9
- H9 L1B data and H9 L2 products* in netCDF and netCDF4 currently available

NOAA Open Data Dissemination - NODD (part of the Big Data Program, non-operational distribution, general public access)

- H8 L1B data (HSD format) and H8 L2 (netCDF4 format) products until 12/13/22
 - https://noaa-himawari8.s3.amazonaws.com/index.html
- H9 L1B data (HSD format) and H9 L2 (netCDF4 format) products starting 12/13/22
 - https://noaa-himawari9.s3.amazonaws.com/index.html

GEODIST Servers

- McIDAS Products
 - Imagery, Arctic Composite, GHE, TCFP, ADT, SST, GMGSI, eTRaP

Customized sectors (GIF files) supporting WFO Guam operations at OSPO web page

https://www.ospo.noaa.gov/products/imagery/himwari.html



Meteosat Program Updates



Current Meteosat Constellation

SATELLITE	LIFETIME	POSITION	SERVICES
Meteosat-11	15/07/2015 – Fuel lifetime is until 2033	9.5°E	Rapid Scan Service. Real- time Imagery.
Meteosat-10	05/07/2012– Fuel lifetime is until 2030	0°	0º SEVIRI Image Data. Real-time Imagery.
Meteosat-9	28/08/2002 – Fuel lifetime is until 2022	45.5° E	Primary IODC service started 6/1/22.
MTG-I1	Launched 12/13/2022	0°	Will replace Meteosat-10 at 0º around December 2024.

Primary Imaging Operations

First image of the full Earth disc from Meteosat Third Generation – Imager 1 (MTG-I1). The image was captured at 11:50 UTC on 18 March 2023 by the Flexible Combined Imager (FCI) on MTG-I1.



Meteosat Configuration Plans

- MTG-I1 launched December 13, 2022 from French Guiana.
- MTG-I1 will be assigned to Full Disk Scan Service (FDSS) when starting Prime operations at 0° ~ December 2024.
 - There will be a ~12 month overlap between MET-10 and MTG-I1 at this location
- NOAA's data policy should be largely the same between MSG and MTG



Meteosat Third Generation (MTG) Satellites



MTG-I1 first image - view of Europe



- Meteosat-12 (aka MTG-I1) (imager mission)
 - Launched December 13, 2022
 - Declared operational on December 4, 2024, as Meteosat-12
 - 16 spectral band imager (Flexible Combined Imager FCI) and Lightning Imager (LI)
 - Temporal and spatial resolutions similar to GOES-R series
 - FCI 10 minute FD scans and 2.5 minute scans over Europe
 - LI 84% FD coverage every 10 minutes and 100% European coverage every 2.5 minutes
- MTG-S1 (sounder mission)
 - Projected launch date July 2025
 - fully operational by end of 2025
 - First operational sounding satellite in geostationary orbit
 - InfraRed Sounder (IRS)
 - Two Spectral bands: MWIR (4.44–6.25 μm) and LWIR (8.26–14.70 μm)
 - Spatial resolution of 4 km x 4 km at nadir



McIDAS at NOAA



NOAA/OSPO Usage of McIDAS Continues to Decline 1. Cloud Migration

- NESDIS is nearing the end of a multi-year project to migrate almost all production from in-house hardware to the AWS (Amazon) cloud
- Most existing apps have been rewritten as Enterprise Algorithms
- Directly ingesting satellite data
- About 85% of programs scheduled to move have been completed; rest should finish by end of year



Arctic Composite





Precipitation Products Updates

Enterprise Satellite Rainfall Rate Estimates

Operation status:

1.Enterprise Satellite Rainfall Rate Estimates (RR) became operational in NCCF in early 2024

EN RR is the new version of GHE.

EN RR will be only generating global netcdf products.

No CONUS GRIB2 file will be generated from EN RR!!!!!

2. Legacy GHE products were expected to retire 30 days after EN RR transitioned into operation on NCCF. However:

- a. GHE was part of a global flash flood guidance program coordinated with the WMO
- b. Was a primary input for ETRAP, which will not transition to NCCF until summer 2025
- 3. The legacy GHE will probably end by Labor Day 2025.



SAB Usage to Continue

- Plans to divest the Tropical Desk have stalled
- The tropical and volcano desks remain strong McIDAS users
- All SAB McIDAS products did receive updates for GOES-19
- Plans in place for MTG data (no delivery as yet)



RGBs in SAB

- Background script continuously builds/saves RGB components for fast loading
- 17 RGBs being made full-time in FDSK
 - Volcano: PAVA, PAVB, ASH, SO2
 - Weather: DTMP, NTMP, AIRMAS, SEVST, DNMP
 - Imagery: TRUE, NATCOL, SNOW
 - Air quality: SMOKE, DUST
 - Fire: DayFire7, DLCFIRE, FireT
- 8 in CONUS
 - PAVA, ASH, SMOKE, TRUE, DTMP, NTMP, DNMP, FireT

looprgb.sh script for SAB

🗙 McIDAS-X 2018.1beta1: cdaven	po@grsn02.espc.nesdis.noaa.g	ov			\times
<pre>!looprgb.sh shell script to displa for G16/ASHF are store</pre>	ay pre-made RGB lo ed in G16/ASHFR, A	ops; component SHFG, and ASHF	.s B		
example: !looprgb.sh RGB=G16/A9 MAG=3 STA=DCA LAT=35 §	6HF LOOP=1 10 95 DAY=18218 TIME=	20:11:24			
RGB=G16/ASHF LOOP=1 10 or FRAME=1 MAG=3 STA=DCA LAT=35 95 DAY=18218 TIME=20:11:24	name of RGB 10 set start a magnificati station id at cen set LAT/LON at ce date of last imag time of last imag	file nd end frame on, like IMGD] ter nter e in loop e in loop (def	(SP ^c =late	est)	
LIST G16	show available co	mponents in gi	iven (group	
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Combined Day/Night MicroPhysics





OSPO External ADDE Servers

Geodist1 - GHE data

Geodist4 - Polar (Metop) data

- Geodist6 MSG data (at PM and IO)
- Geodist7 Himawari data
- FOS NOAAPort/XCD Data

NOAA does plan to decommission these servers. Cannot promise, but should remain available through 2026



NOAA/STAR GOES Viewer

https://www.star.nesdis.noaa.gov/GOES/index.php





NOAA/STAR GLM Overlay, log scaled





NOAA/STAR

Individual Weather Forecast Offices

GOES Images for Baltimore/Washington, VA (LWX) - Weather Forecast Office

20 May 2025 - 22:58 EDT 21 May 2025 - 02:58 UTC

Latest observation: 21 May 2025 - 02:21 UTC

« NWS Weather Forecast Offices »

Links and Animation All images	
Links & Nearby Sectors	Battimore/Washington, VA
Animation loops	
Image server	GeoColor Day Night Cloud Micro Combo RGB GLM Flash Extent Density Sandwich RGB Fire Temperature RGB Band 2 Band 13
Download animated GIF	Baltimore/Washington, VA - Band 13 - 21 May 2025 - 01:40 UTC
National Weather Service - Baltimore/Washington, VA	
Continental US	
Northeast	
U.S. Atlantic Coast	
Canada/Northern U.S.	
Enable auto-refresh	
	21 May 2025 01:402 - NOAA/NESDIS/STAB - LWX - Band 13



ESPC Notifications, Status, and Contacts

Information	Web Link/Email Address
ESPC Messages	http://www.ospo.noaa.gov/Operations/messages.html
24/7 Help Desk	ESPCOperations@noaa.gov
User Services	SPSD.UserServices@noaa.gov
Data Access	NESDIS.Data.Access@noaa.gov
Webmaster	SSDWebmaster@noaa.gov
Facebook	https://www.facebook.com/NOAASatellites/
Twitter	www.twitter.com/noaasatellites
Satellite Ops Status	http://www.ospo.noaa.gov/Operations/daily-news.html
Press releases	https://www.nesdis.noaa.gov/press
Web	www.ospo.noaa.gov

Thank you!



Questions?



Outstanding Issues, Comments & Open Floor

