

Topic: NCCF Product Upgrade 1.25-4.1 products

Date/Time Issued: June 26, 2025

Product(s) or Data Impacted:

Date/Time of Initial Impact: July 23, 2025, 1700 UTC

Date/Time of Expected End: July 23, 2025, 1800 UTC

Length of Outage: None

Details/Specifics of Change:

Operational product generation of VIIRS ABI blended flood mapping Product in NCCF:

Impact on users: New Products

PDA short names and file names are listed below.

Impact on users: New Products

PDA Short Name	PDA Filename pattern
VIIRS-ABI-Flood-Day	VIIRS-ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s*.nc
ABI-Flood-Day-PNG	VIIRS-ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s*.png
ABI-Flood-Day-TIF	VIIRS-ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s*.tif
ABI-Flood-Day-Shapefiles	VIIRS-ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s*.zip

List of Scientific Changes: Added VIIRS ABI blended processing capability.

Updated products included in this release are:

Operational product generation of SNPP/NOAA-20/NOAA-21 VFM Product in NCCF:

Impact on users: Yes

No PDA short name change. File name changes are listed:

PDA Short Names	PDA Filename pattern(old)	PDA Filename pattern(new)
VFM_1day_GLB	VIIRS-Flood-1day-GLBxxx_v2r0_blend_syyyyymmddmmhhss_eyy	VIIRS-Flood-1day-GLBxxx_v2r1_blend_syyyyymmddmmhhss_eyy

	yymmddhhmmsss_cyyyymmddh hmmsss.nc	yymmddhhmmsss_cyyyymmddh hmmsss.nc
VFM_1day_GLB_tif	VIIRS-Flood-1day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.tif	VIIRS-Flood-1day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.tif
VFM_1day_GLB_Shapefi les	VIIRS-Flood-1day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.shapefiles.zip	VIIRS-Flood-1day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.shapefiles.zip
VFM_1day_GLB_png	VIIRS-Flood-1day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.png	VIIRS-Flood-1day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.png
VFM_5day_GLB	VIIRS-Flood-5day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.nc	VIIRS-Flood-5day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.nc
VFM_5day_GLB_tif	VIIRS-Flood-5day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.tif	VIIRS-Flood-5day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.tif
VFM_5day_GLB_Shapefi les	VIIRS-Flood-5day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.shapefiles.zip	VIIRS-Flood-5day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.shapefiles.zip
VFM_5day_GLB_png	VIIRS-Flood-5day-GLBxxx_v2r0_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.png	VIIRS-Flood-5day-GLBxxx_v2r1_ blend_syuyymddmmhhsss_eyy yymmddhhmmsss_cyyyymmddh hmmsss.png
VFM_NWS_Mosaic	VIIRS-Flood-NWSxxx_v2r0_n20/ npp_syuyymddmmhhsss_eyyy ymddhhmmsss_cyyyymmddh mmsss.nc	VIIRS-Flood-NWSxxx_v2r1_n20/ npp/n21_syuyymddmmhhsss_e yyymddhhmmsss_cyyyymdd dhmmsss.nc
VFM_NWS_Mosaic_png	VIIRS-Flood-NWSxxx_v2r0_n20/ npp_syuyymddmmhhsss_eyyy ymddhhmmsss_cyyyymmddh mmsss.png	VIIRS-Flood-NWSxxx_v2r1_n20/ npp/n21_syuyymddmmhhsss_e yyymddhhmmsss_cyyyymdd dhmmsss.png

BUNDLED_NUPS_VFM_Granule	VIIRS-Flood_v2r0_npp/n20_syyyymmddmmhhssseyyyymmddhmmssscyzyymddhmmssss.tar	VIIRS-Flood_v2r1_npp/n20/n21_syyyymmddmmhhssseyyyymmddhmmssscyzyymddhmmssss.tar
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List of Scientific Changes:

1. The following attributes have been removed:

"start_orbit_number"

"end_orbit_number"

"day_night_data_flag"

"ascend_descend_data_flag"

2. The attribute 'id' has been changed to uuid

3. A bug fix on the year transition for VIIRS multiple-day composition.

Updated products included in this release are:

Operational product generation of ABI flood mapping Product in NCCF:

Impact on users: Yes

No PDA short name change. File name changes are listed:

PDA Short Names	PDA Filename pattern(old)	PDA Filename pattern(new)
ABI-Flood-Hourly	ABI-Flood-HCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.nc	ABI-Flood-HCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.nc
ABI-Flood-Hourly-PNG	ABI-Flood-HCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.png	ABI-Flood-HCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.png
ABI-Flood-Hourly-TIF	ABI-Flood-HCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.tif	ABI-Flood-HCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.tif
ABI-Flood-Hourly-Shapefiles	ABI-Flood-HCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.zip	ABI-Flood-HCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.zip
ABI-Flood-Day	ABI-Flood-DCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.nc	ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.nc
ABI-Flood-Day-PNG	ABI-Flood-DCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.png	ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.png
ABI-Flood-Day-TIF	ABI-Flood-DCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.tif	ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhmmssd>_e<yyyymmddhmmssd>_c<yyyymmddhmmssd>.tif

ABI-Flood-Day-Shapefiles	ABI-Flood-DCOM-AOI<###>_v1r0_<satid>_s<yyyymmddhhmmssd>_e<yyyymmddhhmmssd>_c<yyyymmddhhmmssd>.zip	ABI-Flood-DCOM-AOI<###>_v1r1_<satid>_s<yyyymmddhhmmssd>_e<yyyymmddhhmmssd>_c<yyyymmddhhmmssd>.zip
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List of Scientific Changes:

1. A bug fix on the ABI minor flood detection.

SAR Winds from Sentinel 1C Product:

Impact on users: Yes

PDA product file name changes: No

List of product file changes: Sentinel 1C data are used to generate SAR winds

PDA shortname	Platform	Product filename
SAROPS_SAR_WINDS	Sentinel 1C	SAR-Wind-\\w{2}-\\w{3}-\\w{4}_v\\d{1}r\\d{1}_s1c_s\\d{15}_e\\d{15}_c\\d{15}\\nc\$
SAROPS_SAR_WINDS_GEOTIFF	Sentinel 1C	SAR-Wind-\\w{2}-\\w{3}-\\w{4}_v\\d{1}r\\d{1}_s1c_s\\d{15}_e\\d{15}_c\\d{15}\\tif\$

Ozone Mapping and Profiler Suite Nadir Profiler (OMPS-NP) [V8Pro Update]

Products:

Impact on users: Yes

PDA product file name changes: No

List of product file changes:

List of product file changes:

PDA shortname	Platform	Product filename
V8PRO_EDR	NPP/J01/N21	V8PRO-EDR_v4r5_npp_s202506240000318_e202506240001092_c202506240040440.nc
OMPS_NP_V8_B UFR	NPP/J01/N21	OMPS-NP_v4r5_npp_s202506240005313_e202506240006087_c202506240043030.bufr

List of Scientific Changes: Yes - updated Look-up-table (LUT)

Please note: This upgrade will not be performed during Critical Weather Day (CWD).

Also, the contents of this release are subject to change based on user readiness, customer feedback, and management approval.

Additional ESPC notifications will provide further details and updates concerning this release. User feedback and questions should be directed to Liquan Ma (liquan.ma@noaa.gov), Hongming Qi (hongming.qi@noaa.gov), Vaishali Kapoor (vaishali.kapoor@noaa.gov).

Contact Information: For information on the status of this work, please contact the individual PAL or ESPC Operations at ESPCOperations@noaa.gov or 301-817-3880

Web Site(s) for applicable information: N/A

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