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# Department of Commerce / National Oceanic and Atmospheric Administration /  
# National Environmental Satellite, Data, and Information Service  
#  
# 2021 May 3  
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# Himawari-8 Products README File  
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This README file applies to all Level 2+ Himawari-8 (H8) products  
(<https://noaa-himawari8.s3.amazonaws.com/index.html>), which includes:

Advanced Himawari Imager (AHI) Imagery (ISatSS)	[Full Disk Region (FLDK)]
Advanced Himawari Imager (AHI) Clouds	[Full Disk Region (FLDK)]
Advanced Himawari Imager (AHI) Winds	[Full Disk Region (FLDK)]
Advanced Himawari Imager (AHI) Rainfall Rate	[Full Disk Region (FLDK)]
Advanced Himawari Imager (AHI) SST	[Full Disk Region (FLDK)]

H8 Products	Filename	Refresh Rate
H8 Cloud Moisture Imagery (ISatSS) Full Disk	OR_HFD-rrr-Bxx-MlCyy-Tzzz_GH8_sYEARJJJHHMMSS0_cYEARJJJHHMMSS0.nc rrr: spatial resolution ('020' for 2km, '010' for 1km, and '005' for 0.5km); xx: bits per pixel; yy: channel number; zzz: tile number	10 minutes
H8 Cloud Moisture Imagery R3 Tiles	OR_HR3-rrr-Bxx-MlCyy-Tzzz_GH8_sYEARJJJHHMMSS0_cYEARJJJHHMMSS0.nc rrr: spatial resolution ('020' for 2km, '010' for 1km, and '005' for 0.5km); xx: bits per pixel; yy: channel number; zzz: tile number	2.5 minutes
H8 AHI SST (Full Disk)	<YYYYMMDDHH>0000-NCCF-L2P_GHRSST-SSTsubskin-AHI_H08-ACSP0_V2.80-v02.0-fv01.0.nc <YYYYMMDDHH>0000-NCCF-L3C_GHRSST-SSTsubskin-AHI_H08-ACSP0_V2.80-v02.0-fv01.0.nc ACSP0_V2.80_H08_AHI_<YYYY>-<MM>-<DD>_<HHMM>-<HHMM>_<YYYYMMDD>.<ssssss>.nc	60 minutes
H8 AHI Cloud Mask, Cloud Phase and Cloud Height (Full Disk)	AHI-CMSK_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc AHI-CPHS_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc AHI-CHGT_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc	10 minutes
H8 AHI Derive Motion Winds (Full Disk)	NDMW-AHI-C03CT_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc NDMW-AHI-C08CT_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc NDMW-AHI-C08CS_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc NDMW-AHI-C07CT_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc NDMW-AHI-C09CS_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc NDMW-AHI-C10CS_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc NDMW-AHI-C14CT_v1r0_h08_s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc	10 minutes
H8 Rainfall Rate (Full Disk)	RRQPE-AHI-INST_v1r1_h08_ s<YYYYMMDDhhmmsss>_e <YYYYMMDDhhmmsss>_c<YYYYMMDDhhmmsss>.nc	10 minutes

These H8 L2 products are operational in the NESDIS Common Cloud Framework (NCCF V1.1) by Office of Satellite and Product Operations.  
These products on BDP are monitored only during business hours (8x5, Mon-Fri).  
For any H8 L2 products issue, please contact ESPC Operations at [ESPCOperations@noaa.gov](mailto:ESPCOperations@noaa.gov) or 301-817-3880 during business hours (8x5, Mon-Fri)