

Launch-Ready Operations Code Chain ESDT ShortNames, LongNames, and Generating PGE or Ingest Source

Generating PGE Name/Description or Ingest Source	Product ESDT ShortName	Product ESDT LongName
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VMAE_L1	VIIRS/NPP Moderate Resolution 5-Min L1 Swath SDR and Geo 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VIAE_L1	VIIRS/NPP Imagery Resolution 5-Min L1 Swath SDR 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_IMFT_L1	VIIRS/NPP Imagery Resolution Terrain Corrected Geolocation 5-Min L1 Swath IP 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VDNE_L1	VIIRS/NPP Day/Night Band 5-Min L1 Swath SDR 375m (also contains VIIRS/NPP Day/Night Band Elliptical Geolocation 5-Min L1 Swath IP 375m)
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VOBCIP_L1	VIIRS/NPP On Board Calibrator (OBC) IP
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VCDGIP_L1	VIIRS/NPP Calibrated Dual Gain Band IP
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_CMIP_L2	VIIRS/NPP Cloud Mask 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VAOT_L2	VIIRS/NPP Aerosol Optical Thickness 5-Min L2 Swath EDR 6km
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VAOTIP_L2	VIIRS/NPP Aerosol Optical Thickness 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VAMIIP_L2	VIIRS/NPP Aerosol Model Information 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VSUM_L2	VIIRS/NPP Suspended Matter 5-Min L2 Swath EDR 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VCOPIP_L2	VIIRS/NPP Cloud Optical Properties 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_WCTTIP_L2	VIIRS/NPP Ice & Night Water Cloud Top Temperature 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VSCD_L2	VIIRS/NPP Snow Cover 5-Min L2 Swath EDR 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VSCM_L2	VIIRS/NPP Snow Cover Map 5-Min L2 Swath EDR 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VIQIP_L2	VIIRS/NPP Ice Quality 5-Min L2 Swath IP 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VIWIP_L2	VIIRS/NPP Ice Weights 5-Min L2 Swath IP 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VSTIP_L2	VIIRS/NPP Surface Temperature Ice 5-Min L2 Swath IP 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VICIP_L2	VIIRS/NPP Ice Concentration 5-Min L2 Swath IP 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VIRTIP_L2	VIIRS/NPP Ice Reflectance/Temperature 5-Min L2 Swath IP 375m

PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VSIC_L2	VIIRS/NPP Sea Ice Characterization/Ice Age 5-Min L2 Swath EDR 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_SRFLIP_L2	VIIRS/NPP Land Surface Reflectance 5-Min L2 Swath IP 375m & 750m(In EDR-IR; not produced in LPEATE unless requested)
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_SRFLMIP_L2	VIIRS/NPP Surface Reflectance 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_SRFLIIP_L2	VIIRS/NPP Surface Reflectance 5-Min L2 Swath IP 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VLST_L2	VIIRS/NPP Land Surface Temperature 5-Min L2 Swath EDR 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VSUT_L2	VIIRS/NPP Surface Type 5-Min L2 Swath EDR 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VLAIP_L2	VIIRS/NPP Land Albedo 5-Min L2 Swath IP 750m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VRVI_L2	VIIRS/NPP Vegetation Index 5-Min L2 Swath EDR 375m
PGE300 VIIRS HDF5 to HDF4 Aggregator	NPP_VIST_L2	VIIRS/NPP Ice Surface Temperature 5-Min L2 Swath EDR 750m
PGE301 VIIRS L0 Verified RDR	NPP_VIIRS_L0	VIIRS/NPP Decompressed Raw Instrument Packets 5-Min L0 RDR
PGE302a VIIRS L1 Geolocation	NPP_IMFT_L1	VIIRS/NPP Imagery Resolution Terrain Corrected Geolocation 5-Min L1 Swath IP 375m
PGE302a VIIRS L1 Geolocation	NPP_IMGO_L1	VIIRS/NPP Imagery Resolution Geolocation 5-Min L1 Swath IP 375m
PGE302a VIIRS L1 Geolocation	NPP_UDGTGIP_L1	VIIRS/NPP Unaggregated Dual Gain Band Elliptical Geolocation 5-Min L1 Swath IP
PGE302a VIIRS L1 Geolocation	NPP_DNFT_L1	VIIRS/NPP Day/Night Band Elliptical Geolocation 5-Min L1 Swath IP 375m
PGE302a VIIRS L1 Geolocation	NPP_MOFT_L1	VIIRS/NPP Moderate Resolution Terrain Corrected Geolocation 5-Min L1 Swath IP 750m
PGE302a VIIRS L1 Geolocation	NPP_MDGO_L1	VIIRS/NPP Moderate Resolution Geolocation 5-Min L1 Swath IP 750m
PGE302a VIIRS L1 Geolocation	NPP_GRCDNE_L1	VIIRS/NPP Grid Row Column Day/Night IP
PGE302a VIIRS L1 Geolocation	NPP_GRCIAE_L1	VIIRS/NPP Grid Row Column Imagery Resolution IP
PGE302a VIIRS L1 Geolocation	NPP_GRCMAE_L1	VIIRS/NPP Grid Row Column Moderate Resolution IP
PGE302b VIIRS L1 SDR/Calibration	NPP_VIAE_L1	VIIRS/NPP Imagery Resolution 5-Min L1 Swath SDR 375m
PGE302b VIIRS L1 SDR/Calibration	NPP_VMAE_L1	VIIRS/NPP Moderate Resolution 5-Min L1 Swath SDR and Geo 750m (also contains VIIRS/NPP Moderate Resolution Terrain Corrected Geolocation 5-Min L1 Swath IP 750m)
PGE302b VIIRS L1 SDR/Calibration	NPP_VDNE_L1	VIIRS/NPP Day/Night Band 5-Min L1 Swath SDR 375m (also contains

		VIIRS/NPP Day/Night Band Elliptical Geolocation 5-Min L1 Swath IP 375m)
PGE302b VIIRS L1 SDR/ Calibration	NPP_VOBCIP_L1	VIIRS/NPP On Board Calibrator (OBC) IP
PGE302b VIIRS L1 SDR/ Calibration	NPP_VCDGIP_L1	VIIRS/NPP Calibrated Dual Gain Band IP
PGE303 VIIRS L2 Cloud Mask	NPP_CMIP_L2	VIIRS/NPP Cloud Mask 5-Min L2 Swath IP 750m
PGE306 VIIRS L2 Cloud Optical Properties	NPP_VCOPIP_L2	VIIRS/NPP Cloud Optical Properties 5-Min L2 Swath IP 750m
PGE306 VIIRS L2 Cloud Optical Properties	NPP_WCTTIP_L2	VIIRS/NPP Ice & Night Water Cloud Top Temperature 5-Min L2 Swath IP 750m
PGE307 VIIRS L2 Snow Cover	NPP_VSCD_L2	VIIRS/NPP Snow Cover 5-Min L2 Swath EDR 750m
PGE307 VIIRS L2 Snow Cover	NPP_VSCM_L2	VIIRS/NPP Snow Cover Map 5-Min L2 Swath EDR 375m
PGE308 VIIRS L2 Ice Quality	NPP_VIQIP_L2	VIIRS/NPP Ice Quality 5-Min L2 Swath IP 375m
PGE308 VIIRS L2 Ice Quality	NPP_VIWIP_L2	VIIRS/NPP Ice Weights 5-Min L2 Swath IP 375m
PGE308 VIIRS L2 Ice Quality	NPP_VSTIP_L2	VIIRS/NPP Surface Temperature Ice 5-Min L2 Swath IP 375m
PGE309 VIIRS L2 Ice Concentration	NPP_VICIP_L2	VIIRS/NPP Ice Concentration 5-Min L2 Swath IP 375m
PGE309 VIIRS L2 Ice Concentration	NPP_VIRTIP_L2	VIIRS/NPP Ice Reflectance/Temperature 5-Min L2 Swath IP 375m
PGE310 VIIRS L2 Sea Ice Characterization/Ice Age	NPP_VSIC_L2	VIIRS/NPP Sea Ice Characterization/Ice Age 5-Min L2 Swath EDR 375m
PGE311 VIIRS L2 Land Surface Reflectance	NPP_SRFLIP_L2	VIIRS/NPP Land Surface Reflectance 5-Min L2 Swath IP 375m & 750m(In EDR-IR; not produced in LPEATE)
PGE311 VIIRS L2 Land Surface Reflectance	NPP_SRFLMIP_L2	VIIRS/NPP Surface Reflectance 5-Min L2 Swath IP 750m
PGE311 VIIRS L2 Land Surface Reflectance	NPP_SRFLIIP_L2	VIIRS/NPP Surface Reflectance 5-Min L2 Swath IP 375m
PGE312 VIIRS Area Weight Moderate Swath GridIP	NPP_DAWIP_L2G	VIIRS/NPP Area Weight Moderate Swath Grid IP L2G 750m
PGE313 VIIRS Daily Surface Reflectance Collection Gridding	NPP_DSRFIP_L3	VIIRS/NPP Gridded Surface Reflectance Daily L3 Tiled IP 1km
PGE314 VIIRS Snow/Ice Cover Gridding	NPP_DVSNICIP_L3	VIIRS/NPP Gridded Snow/Ice Cover Cont. L3 Tiled IP 1km
PGE316 VIIRS L2 Land Surface Temperature	NPP_VLST_L2	VIIRS/NPP Land Surface Temperature 5-Min L2 Swath EDR 750m
PGE317 VIIRS 17_Day NBAR NDVI Gridding	NPP_D17NDVI_L3	VIIRS/NPP Gridded NBAR NDVI 17-Day L3 Tiled IP 5km

PGE318 VIIRS Monthly SRBTVI Gridding	NPP_MSRBTVIIP_L3	VIIRS/NPP Gridded Surface Reflectance, Brightness Temperature, & Vegetation Index Monthly L3 Tiled IP 1km
PGE319 VIIRS 17-Day Land Albedo Gridding	NPP_D17LALBIP_L3	VIIRS/NPP Gridded Land Albedo 17-Day L3 Tiled IP 1km
PGE319 VIIRS 17-Day Land Albedo Gridding	NPP_D17BRDFIP_L3	VIIRS/NPP Gridded BRDF Archetypal 17-Day L3 Tiled IP 1km
PGE320 VIIRS Monthly NBAR NDVI Gridding	NPP_MNDVI_L3	VIIRS/NPP Gridded Nbar NDVI Monthly L3 Tiled IP 5km
PGE321 VIIRS Rolling NBAR NDVI Gridding	NPP_D17RNDVI_L3	VIIRS/NPP Gridded NBAR NDVI Rolling L3 Tiled IP 5km
PGE330 VIIRS L2 Active Fires	NPP_AVAF_L2	VIIRS/NPP Active Fires 5-Min L2 Swath ARP 750m
PGE330 VIIRS L2 Active Fires	NPP_VAFIP_L2	VIIRS/NPP Fire Mask & Quality Flags 5-Min L2 Swath IP 750m (Output of Mx4 OPs code; not in EDR-IR)
PGE341 VIIRS Quarterly Surface Type Gridding	NPP_QSTIP_L3	VIIRS/NPP Gridded Surface Type Quarterly L3 Tiled IP 1km (as received, not yet produced at LPEATE due to lack of code)
PGE341 VIIRS Quarterly Surface Type Gridding	NPP_QSTLWMIP_L3	VIIRS/NPP Gridded Surface Type/Land Water Mask Quarterly L3 Tiled IP 1km (as received, not yet produced at LPEATE due to lack of code)
PGE341 VIIRS Quarterly Surface Type Gridding	NPP_QMMVIIP_L3	VIIRS/NPP Gridded Annual Max/Min Vegetation Index Quarterly L3 Tiled IP 1km (as received, not yet produced at LPEATE due to lack of code)
PGE349 VIIRS L2 Surface Type	NPP_VSUT_L2	VIIRS/NPP Surface Type 5-Min L2 Swath EDR 750m
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_AIRTIP_L2	NCEP Surface Air Temperature 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_ATPIP_L2	NCEP Atmospheric Temperature Profile 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_COZIP_L2	NCEP Total Column Ozone 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_GHPHIP_L2	NCEP Geopotential Height Profile 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_HGHTIP_L2	NCEP Geopotential Surface Height 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_PRESIP_L2	NCEP Surface Pressure 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_PRWIP_L2	NCEP Total Column Precipitable Water 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP	NCEP_SHASIP_L2	NCEP Specific Humidity at Surface

Global Forecast System (GFS) 750m Granulation		Level 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_SKNTMPIP_L2	NCEP Skin Temperature 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_WDIRIP_L2	NCEP Surface Wind Direction 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_WSPDIP_L2	NCEP Surface Wind Speed 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NCEP_WVMRIP_L2	NCEP Water Vapor Mixing Ratio 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation	NPP_TERRHTIP_L2	NCEP Terrain Geopotential Height 5-Min L2 Swath IP 750m Granulation
PGE350 VIIRS NCEP Global Forecast System (GFS) 750m Granulation (Note (2))	NCEP_GFSIP_L2 (EDR-IR has one file containing all parameters as output. OPS code has separate files for each parameter)	NCEP Global Forecast System Parameters 5-Min L2 Swath IP 750m Granulation One file with contents: Geopotential Height of Surface Isobaric Level Temperature Relative Humidity at Pressure Levels Sea Level Pressure Sea Surface Winds (Speed & Direction; U & V) Specific Humidity at Surface Surface Air Temperature Surface Pressure (Adjusted) Total Column Ozone Total Column Precipitable Water Tropopause Height Water Vapor Mixing Ratio at Pressure Levels
PGE351 VIIRS NAAPS Total Optical Depth 750m Granulation	NAAPS_TODIP_L2	NAAPS Total Optical Depth 5-Min L2 Swath IP 750m Granulation
PGE353 VIIRS Gridded IP 750m Granulation	NPP_D17LALBIP_L2	VIIRS/NPP Gridded Land Albedo 17-Day 5-Min L2 Swath IP 750m Granulation

PGE353 VIIRS Gridded IP 750m Granulation	NPP_QMMVIIP_L2	VIIRS/NPP Gridded Annual Max/Min Vegetation Index Quarterly 5-Min L2 Swath IP 750m Granulation
PGE353 VIIRS Gridded IP 750m Granulation	NPP_QSIP_L2	VIIRS/NPP Gridded Surface Type Quarterly 5-Min L2 Swath IP 750m Granulation
PGE353 VIIRS Gridded IP 750m Granulation	NPP_QSLWMIP_L2	VIIRS/NPP Gridded Surface Type Land Water Mask Quarterly 5-Min L2 Swath IP 750m Granulation
PGE353 VIIRS Gridded IP 750m Granulation	NPP_VNDVIIP_L2	VIIRS/NPP Gridded Rolling 17-Day NBAR Vegetation Index 5-Min L2 Swath IP 750m Granulation
PGE353 VIIRS Gridded IP 750m Granulation	NPP_VSNICIP_L2	VIIRS/NPP Gridded Snow/Ice Cover 5-Min L2 Swath IP 750m Granulation
PGE355 VIIRS L2 Land Albedo	NPP_VLAIP_L2	VIIRS/NPP Land Albedo 5-Min L2 Swath IP 750m
PGE356 VIIRS L2 Vegetation Index	NPP_VRVI_L2	VIIRS/NPP Vegetation Index 5-Min L2 Swath EDR 375m
PGE373 VIIRS L2 Ice Surface Temperature 750m	NPP_VIST_L2	VIIRS/NPP Ice Surface Temperature 5-Min L2 swath EDR 750m
PGE374 VIIRS L2 Nearest Neighbor	NPP_VNMIP_L2	VIIRS/NPP Nearest Neighbor Pointer 5-Min L2 Swath IP 750m
PGE374 VIIRS L2 Nearest Neighbor	NPP_VNNIIP_L2	VIIRS/NPP Nearest Neighbor Pointer 5-Min L2 Swath IP 375m
PGE376 VIIRS NOGAPS 750m Granulation	NOGAPS_GFSIP_L2	<p>NOGAPS Global Forecast System Parameters 5-Min L2 Swath IP 750m Granulation</p> <p>One file or multiple parameter files with contents:</p> <p>Geopotential Height of Surface</p> <p>Isobaric Level Temperature</p> <p>Relative Humidity at Pressure Levels</p> <p>Sea Level Pressure</p> <p>Sea Surface Winds (Speed & Direction; U & V)</p> <p>Specific Humidity at Surface</p> <p>Surface Air Temperature</p> <p>Surface Pressure (Adjusted)</p> <p>Total Column Precipitable Water</p> <p>Tropopause Height</p>

		Water Vapor Mixing Ratio at Pressure Levels
PGE383 VIIRS L2 Retrieve Aerosol EDRs	NPP_VAMIIP_L2	VIIRS/NPP Aerosol Model Information 5-Min L2 Swath IP 750m
PGE383 VIIRS L2 Retrieve Aerosol EDRs	NPP_VAOTHIP_L2	VIIRS/NPP Aerosol Optical Thickness Heap 5-Min L2 Swath IP 750m
PGE383 VIIRS L2 Retrieve Aerosol EDRs	NPP_VAOTIP_L2	VIIRS/NPP Aerosol Optical Thickness 5-Min L2 Swath IP 750m
PGE383 VIIRS L2 Retrieve Aerosol EDRs	NPP_VAOT_L2	VIIRS/NPP Aerosol Optical Thickness 5-Min L2 Swath EDR 6km
PGE383 VIIRS L2 Retrieve Aerosol EDRs	NPP_VGAERO_L2	VIIRS/NPP Aerosol Optical Thickness 5-Min L2 Swath EDR Geolocation 750m
PGE383 VIIRS L2 Retrieve Aerosol EDRs	NPP_VSUM_L2	VIIRS/NPP Suspended Matter 5-Min L2 Swath EDR 750m
PGE392 VIIRS Cloud SubSampler	NPP_VIMD_SS	VIIRS/NPP Cloud SubSampler 5-Min L1 Swath IP 375m
PGE399 VIIRS L2 Proxy Data Generator	NPP_VMAE_L1	VIIRS/NPP Moderate Resolution 5-Min L1 Swath SDR and Geo 750m
PGE399 VIIRS L2 Proxy Data Generator	NPP_VIAE_L1	VIIRS/NPP Imagery Resolution 5-Min L1 Swath SDR 375m
PGE399 VIIRS L2 Proxy Data Generator	NPP_IMFT_L1	VIIRS/NPP Imagery Resolution Terrain Corrected Geolocation 5-Min L1 Swath IP 375m
PGE399 VIIRS L2 Proxy Data Generator	NPP_VDNE_L1	VIIRS/NPP Day/Night Band 5-Min L1 Swath SDR 375m (also contains VIIRS/NPP Day/Night Band Elliptical Geolocation 5-Min L1 Swath IP 375m)
PGE399 VIIRS L2 Proxy Data Generator	NPP_GRCDNE_L1	VIIRS/NPP Grid Row Column Day/Night IP
PGE399 VIIRS L2 Proxy Data Generator	NPP_GRCIAE_L1	VIIRS/NPP Grid Row Column Imagery Resolution IP
PGE399 VIIRS L2 Proxy Data Generator	NPP_GRCMAE_L1	VIIRS/NPP Grid Row Column Moderate Resolution IP
IDPS Operational Data	RNSCA-RVIRS (HDF5) (Internal ESDT NP5_RVIRS_L0)	VIIRS/NPP Compressed Raw Instrument Science Packets 86-second L0 RDR containing Spacecraft Ephemeris and Attitude
Jet Propulsion Laboratory (JPL)	N/A	Planetary Ephemeris Files
NAAPS External Ancillary Data	NAAPS_TOD_ANC	NAAPS Total Optical Depth L3 Global
NCEP External Ancillary Data	NCEP_GFS_ANC (NPP variation of GFS files)	NCEP Global Forecast System Parameters 6-Hour L3 Global 1Deg 1 Degree NCEP GDAS consists of one Time Interpolated file with

		<p>contents:</p> <p>Geopotential Height of Surface</p> <p>Isobaric Level Temperature</p> <p>Relative Humidity at Pressure Levels</p> <p>Sea Level Pressure</p> <p>Sea Surface Winds (U & V Components)</p> <p>Specific Humidity at Surface</p> <p>Surface Air Temperature</p> <p>Surface Pressure</p> <p>Total Column Ozone</p> <p>Total Column Precipitable Water</p> <p>Tropopause Height</p> <p>Water Vapor Mixing Ratio at Pressure Levels</p>
NOGAPS External Ancillary Data	NOGAPS_GFS_ANC	NOGAPS Global Forecast System Parameters 6-Hour L3 Global 1Deg
United States Naval Observatory	N/A	Leap Second TAI-UTC & Julian Date
United States Naval Observatory	N/A	UTC Pole UT1-UTC & UTC Date Earth Wobble in Rotation