

VIIRS L2/L3 Products

VIIRS netCDF and HDFEOS5 Products

- **Level 2 netCDF**
 - VNP10 = VIIRS/NPP Snow Cover 6-Min L2 Swath 375m
 - VNP30 = VIIRS/NPP Ice Surface Temperature 6-Min L2 Swath 750m
 - VNP21 = VIIRS/NPP Land Surface Temperature
 - VNP14 = VIIRS Active Fire L2 swath 750m
 - VNP29 = VIIRS/NPP Sea Ice Cover 6-Min L2 Swath 375 m

Level 2 HDFEOS2

- VNP09 = VIIRS/NPP Atmospherically Corrected Surface Reflectance 6-Min L2 Swath IP 375m, 750m NRT

Level 3 HDFEOS5

- VNP09A1 = VIIRS/NPP Surface Reflectance 8-Day L3 Global 1km SIN Grid V001
- VNP09H1 = VIIRS/NPP Surface Reflectance 8-Day L3 Global 500m SIN Grid V006
- VNP09GA = VIIRS/NPP Surface Reflectance Daily L2G Global 1km and 500m SIN Grid V006
- VNP13A1 = VIIRS/NPP 16days Vegetation Index 500m SIN Grid
- VNP09CMG = VIIRS/NPP Surface Reflectance Daily L3 Global 0.05Deg CMG V001
- VNP13A2 = VIIRS/NPP Vegetation Indices 16-Day L3 Global 1km SIN Grid
- VNP13C1 = VIIRS/NPP Vegetation Indices 16-Day L3 Global 0.05Deg CMG
- VNP13C2 = VIIRS/NPP Vegetation Indices Monthly L3 Global 0.05Deg CMG
- VNP13A3 = VIIRS/NPP Vegetation Indices Monthly L3 Global 1km SIN Grid
- VNP14A1 = VIIRS/NPP Thermal Anomalies and Fire Daily L3 Global 1km SIN Grid
- VNP21A2 = VIIRS/NPP Land Surface Temperature/Emissivity 8-Day L3 Global 1km SIN Grid
- VNP21A1D = VIIRS/NPP Land Surface Temperature/Emissivity Daily L3 Global 1km SIN Grid Day
- VNP21A1N = VIIRS/NPP Land Surface Temperature/Emissivity Daily L3 Global 1km SIN Grid Night
- VNP43MA3 = VIIRS/NPP BRDF/Albedo Albedo Daily L3 Global 1km SIN Grid
- VNP43M3 = VIIRS/NPP BRDF/Albedo Albedo Daily L3 Global 1km SIN Grid
- VNP43IA3 = VIIRS/NPP BRDF/Albedo Albedo Daily L3 Global 500m SIN Grid
- VNP43I3 = VIIRS/NPP BRDF/Albedo Albedo Daily L3 Global 500m SIN Grid
- VNP43MA1 = VIIRS/NPP BRDF/Albedo Model Parameters Daily L3 Global 1km SIN Grid
- VNP43M1 = VIIRS/NPP BRDF/Albedo Model Parameters Daily L3 Global 1km SIN Grid
- VNP43IA1 = VIIRS/NPP BRDF/Albedo Model Parameters Daily L3 Global 500m SIN Grid
- VNP43I1 = VIIRS/NPP BRDF/Albedo Model Parameters Daily L3 Global 500m SIN Grid
- VNP43MA4 = VIIRS/NPP BRDF/Albedo Nadir BRDF-Adjusted Ref Daily L3 Global 1km SIN Grid
- VNP43M4 = VIIRS/NPP BRDF/Albedo Nadir BRDF-Adjusted Ref Daily L3 Global 1km SIN Grid
- VNP43IA4 = VIIRS/NPP BRDF/Albedo Nadir BRDF-Adjusted Ref Daily L3 Global 500m SIN Grid
- VNP43I4 = VIIRS/NPP BRDF/Albedo Nadir BRDF-Adjusted Ref Daily L3 Global 500m SIN Grid
- VNP43MA2 = VIIRS/NPP BRDF/Albedo Quality Daily L3 Global 1km SIN Grid
- VNP43M2 = VIIRS/NPP BRDF/Albedo Quality Daily L3 Global 1km SIN Grid
- VNP43I2 = VIIRS/NPP BRDF/Albedo Quality Daily L3 Global 500m SIN Grid
- VNP43IA2 = VIIRS/NPP BRDF/Albedo Quality Daily L3 Global 500m SIN Grid

Though officially we do not support other VIIRS L3 HDF-EOS5 products that were not available at the time of this release, they may still work in HEG. Please try them before contacting us for their support.

These Products are: VNP12Q2 VNP12C2 VNP13A1 VNP13A2 VNP13Q1 VNP14A2 VNP15A1 VNP15A2 VNP15A2H VNP19A1 VNP19A2 VNP19A3 VNP21A2 VNP64A1 VNP43I1 VNP43I2 VNP43M3 VNP10A1 VNP43C1 VNP43C2 VNP43C3 VNP43C4 VNP10C1 VNP10CM VNP29E1D VNP29P1D VNP30P1D VNP30E1D VNP30P1N

NOTE: For **VNP14** and **VNP09** user needs to download additional VNP03 *.h5 products that contain the lat/lon data for swaths in VNP14 and VNP09

- For **VNP14** user should put a **VNP03MODLL** product (that has the same pattern as in the VNP14 product between the first "." and the fourth ".") in the same directory where the VNP14 is located for HEG use.
- For **VNP09** user should put a **VNP03MODLL** and a **VNP03IMGLL** product (that have the same pattern as in the VNP09 product between the first "." and the fourth ".") in the same directory where the VNP09 is located for HEG use.