|  | D-series | H-series | Impacts |
|---|---|---|---|
| Input resolution | 30 km, B3/GAC | 10 km, B1U/GAC | Higher spatial resolution output products |
| Cloud algorithm | Combination of IR and VIS, and NIR channels in polar regions | Only IR and VIS for entire period of record | Increases low-level cloud sensitivity over snow and ice in polar regions |
| Metadata | n/a | CF 1.6 | Improved documentation for product reproducibility |
| Improved/added ancillary data |  | Example: Mac-v1 Aerosols Product | Reduces cloud optical thickness in regions with relatively high aerosol abundances. |
| Period of record | 07/1983–12/2009 with no additional production planned to extend POR | 07/1983–12/2009 with additional production planned to extend POR | Restores research application of ISCCP data post-2009 |
| Format | Binary | netCDF for all products except HXS | Supported by netCDF software applications and tools. |
| Available products | DX ($\sim$ 30 km, 3 hourly) <br> n/a <br> DS (not released) <br> D1 (2.5°, 3 hourly) <br> D2 (2.5°, 3-hourly monthly avg.) <br> D3 (2.5°, monthly avg.) | HXS ($\sim$ 10 km, 3 hourly) <br> HXG (0.1°, 3 hourly) <br> HGS (1.0°, 3 hourly) <br> HGG (1.0°, 3 hourly) <br> HGH (1.0°, 3-hourly monthly avg.) <br> HGM (1.0°, monthly avg.) |  |