

As of October 18, 2010

Count	Climate Record Variable Name	Essential Climate Variable	Algorithm Name	Collateral Products	Responsible Team Member	Source Data Sensors	Future Source Data Sensor	Spacecraft	Channels	Spatial Resolution	Temporal Resolution	Product Units	Projection	Output Format	Metadata Standard	Other Characteristics	Key publication reference	Existing User Groups	Expected User Groups	Outcome	Impact	Website URL (if available)			
										Horizontal	Vertical	Orbits	Start Date	End Date											
1	Channel 1 reflectance	N/A	N/A	PATMOS-X	Andrew Heidinger	AVHRR	VIIRS		1	N/A	All POES orbits	11/1978	present	Reflectance (unitless)	Platte Carre (equal angle)	hd4	CF	90N-90S				http://cimss.ssec.wisc.edu/patmos/			
2	Channel 2 reflectance	N/A	N/A	PATMOS-X	Andrew Heidinger	AVHRR	VIIRS	NOAA-5; NOAA-7; NOAA-9; NOAA-11; NOAA-12; NOAA-14; NOAA-15; NOAA-16; NOAA-17; NOAA-18; NOAA-19; MetOp-2	2	4km sensor resolution / 10km subsampled to fit 0.1 degree grid	N/A	All POES orbits	11/1978	present	Reflectance (unitless)	Platte Carre (equal angle)	hd4	CF	90N-90S	Heidinger, Andrew K. and Pavlonis, Michael J. Global daytime distribution of overlapping cirrus cloud from NOAA's Advanced Very High Resolution Radiometer Journal of Climate, Volume 18, Issue 22, 2005, pp.4772-4784.	EUMETSAT CM-SAF, ISCCP, GEWEX, SMHI, KNMI, climate modeling	Geophysical product developers, GCM modeling groups	Satellite climate record; community enabled to address societal outcomes and impacts		
3	Channel 3a reflectance	N/A	N/A	PATMOS-X	Andrew Heidinger	AVHRR	VIIRS		3a	N/A	All POES orbits	11/1978	present	Reflectance (unitless)	Platte Carre (equal angle)	hd4	CF	90N-90S							

