As of Oc	tober 18, 2010	0																					
Count	Climate Record Variable Name	Essential Climate	<u>e Variable</u>	Algorithm Name	Collateral Products	Responsible Team Member	Source Data Sensors	Future Source Data Sensor	Spacecraft Channe	els Spatial Reso	olution T	Temporal Resolution	Product Units	s Projection	Output Format	Metadata Standard	Other Characteristics	Key publication reference	Existing User Groups	Expected User Groups	Outcome	Impact	Website URL (if available)
Sequential i.d. number to count products, 1,2,3 Please list only one variable per row of the spreadsheet.	e.g. Level 1B radiance, albedo, cloud top height, SST, etc	p, For Geophysical Variables (only, i.e., not for L menus in cells below to enter the ECV, you mapg 6 in the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Guideline for the Generation of Sameeting GCOS Requirements pdf of the Guideline for the Guid	ay also click on the above link and use itellite-based Datasets and Products	the name that may be recognizable in the Climate community, e.g. ISCCP, GPCP, GRHSST, PATMOS-x, etc		team is primarily responsible for	provided the raw data from which your product(s) were generated. For in-situ products, please list both the	If you plan to provide climate record continuity from existing sensors to future sensors (e.g., from JPSS or other missions), please identify the mission and sensors to be used. NOTE: if you did not propose to address future sensors or data sets, please state "N/A"	spacecraft from all channels used for each data were used (e.g., NOAA-8, EOS Terra, as relevant	new row for reach each unique resolution reach (spatial or temporal) temporal) the units of the resolution (e.g., mbars, km, degrees).	new row for e.g., each unique early resolution (spatial or temporal) morning please e.g., early morning	Month/Year Record: Month/Year please say "present" is ongoing.	W/m^2/sr, etc	If gridded, what is your projection?	e.g. NetCDF4, Binary, HDF4, HDF5 etc	with any standards or	e.g., Clear Sky only, latitudinal of longitudinal range, over oceans only, over land only, etc	Please provide a full bibliographic reference for 1 or 2 (only) key publicly-available publications that describe you data set or process, if available.	(either general communities, ur e.g., energy, health, climate	List the user groups (not already listed previously) that would likely be interested in the CDR. Who/what is NOAA serving by investing in your work?	the outputs. Unlike output measures, outcomes refer to an event or condition that is external to the program and is o direct importance to the intended beneficiaries (e.g., scientists, agency managers, policy makers, other stakeholders). Examples of outcome metrics are the number of alternative refrigerants introduced to society to reduce the loss of stratospheric ozone and scientific outputs integrated into	has on something else. Impact metrics are outcomes that focus on Ilong-term societal, economic, or environmental consequences. Examples of impact metrics include the recovery of stratospheric ozone resulting from implementation of the Montreal Protocol and related policies and the increase in public	If you have a website that describes the algorith and/or products, please provide the URL.
		Domain	Variable		i	1		ı		Horizontal N	Vertical Orbits	Start Date End Date	e										i
1	OLR (Outgoing Longwave Radiation at top of atmosphere)	Atmosphoric	Earth radiation budget including solar radiance)	Multi-spectral HIRS OLR algorithm	HIRS radiances	Hai-Tien Lee		MetOp IASI, JPSS CrIS, GOES R ABI						Platte Caree (equal angle)	NotCDE 4		global, in 2.5x2.5	Lee, HT., A. Gruber, R. G. Ellingson and I. Laszlo, 2007 Development of the HIRS Outgoing Longwave Radiation climate data set. Atmos. Ocean. Tech., 24, 2029–2047.	GEWEX, NOAA Climate Prediction Center (note: product use in	OLR monitoring and application groups, GCM evaluation groups, Satellite OLR product	Provide a tool for better monitoring and understanding of global changes and to	Global change evaluation and public awareness, Climate outlook	http://cics.umd.edu/~lee/HIR S OLR.html