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	Tempora	l Resolution	Product Units	Projection	Output Format	t Metadata Standard Other Characteristics	Key publication reference	Existing User Groups	Expected User Groups	Outcome	Impact	Website URL (if available)
equential i.d. e.g. Level 1B radiance, albedo,	For Geophysical Variables (only, i.e., not for Level 1b): Please use the drop down menus in cells below to enter the ECV, you may also click on the above link and use pg 6 in the Guideline for the Generation of Satellite-based Datasets and Products meeting GCOS Requirements pdf document as a reference.		t team is primarily responsible for development of this particular product. provided the raw data from which your product(s) were generated. For in-situ products, please list both the sensor type (eg., albedometer, sun photometer) and the network(s) as relevant (e.g., AERONET, MOBY, etc.)	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" SeaWiFS, GOES-14). Please follow the order used in the list of source data sensors. In situ products: Please state network(s) only.	all channels nused for each type of source data sensor, as relevant the re	esolution each unique esolution resolution spatial or (spatial or emporal) temporal)	r e.g., Mont e • early morning • mid morning • afternoon	h/Year Record:	e.g. Reflectance (unitless), degrees Kelvin, Radiance W/m^2/sr, etc	If gridded, what is your projection?	e.g. NetCDF4, Binary, HDF4, HDF5 etc	with any standards or conventions? e.g., Climate longitudinal range, over oceans only, over land only, etc ref	lease provide a full bibliographic eference for 1 or 2 (only) key publicly- vailable publications that describe you ata set or process, if available.	Please state any existing users (either general communities, e.g., energy, health, climate modeling, or specific group {e.g., GFDL, GMAO, FAO, CDC}). This will help us justify future funding.	listed previously) that would likely be interested in the CDR.	the outputs. Unlike output measures, outcomes refer to an event or condition that is	has on something else.	ou have a website that describes the prith and/or products, please provide the
	Domain Variable				Н	Horizontal Vertical	Orbits Star	t Date End Date		i	i I					1		
1 AVHRR Pathfinder SST	Oceanic Sea-surface temperature	Pathfinder Version 6	Kenneth S. Casey AVHRR/2 and AVHRR/3	All POES from NOAA- VIIRS (if funding available) 7 onward, Metop, and JPSS	¦4 1-5 ¦a	and 1.1 km +N/A	All POES orbits	1 present	SST (degrees C or Kelvin)	L2 swath and gridded L3 platte caree		For collection: FGDC and ISO 19115-2, File Level: CF and Unidata Attribute Convention for Dataset Discovery Collection: FGDC Carrier Collection:	Casey, K.S., T.B. Brandon, P. Cornillon, and R. Evans 2010). "The Past, Present and Future of the AVHRR Pathfinder SST Program", in Oceanography from Space: Revisited, eds. V. Barale, J.F.R. Gower, and L. Alberotanza, Springer.	. Wide range of users, from across government, industry, wand academia. Used by many NOAA programs, NASA, and it national/international from	Version 6 will be GHRSST-compliant so will be more directly readable by the GHRSST user community. Also, this format is more GIS- friendly and can be	Oceanography communities, both operational and climate-oriented,	Improved management of coral reef ecosystems, more effective weather	tp://pathfinder.nodc.noaa.go