

ECS Inventory Metadata Atmosphere

<u>Attribute Name</u>	<u>Source of Value</u>
SHORTNAME	MCF
VERSIONID	MCF
SIZEMBECSGRANULE	DSS
REPROCESSINGACTUAL	PCF
REPROCESSINGPLANNED	PCF
LOCALGRANULEID	MW
DAYNIGHTFLAG	LIB
PRODUCTIONDATETIME	TK
LOCALVERSIONID	PCF
PGEVERSION	PCF
INPUTPOINTER	SC
RANGEBEGINNINGTIME	LIB
RANGEENDINGTIME	LIB
RANGEBEGINNINGDATE	LIB
RANGEENDINGDATE	LIB
EASTBOUNDINGCOORDINATE	LIB
WESTBOUNDINGCOORDINATE	LIB
SOUTHBOUNDINGCOORDINATE	LIB
WESTBOUNDINGCOORDINATE	LIB

MCF - metadata configuration file

DSS - data server

PCF - process control file

MW - metadata writer

LIB - MOD02 product

TK - science data processing toolkit

SC - science code

DP - data provider

ECS Inventory Metadata Atmosphere (Continued)

<u>Attribute Name</u>	<u>Source of Value</u>
ORBITALCALCULATEDSPATIALDOMAIN	
ORBITNUMBER.1	LIB
EQUATORCROSSINGLONGITUDE.1	LIB
EQUATORCROSSINGDATE.1	LIB
EQUATORCROSSINGTIME.1	LIB
MEASUREDPARAMETER	
PARAMETERNAME.1	SC
AUTOMATICQUALITYFLAG.1	SC
AUTOMATICQUALITYFLAGEXPLANATION.1	SC
SCIENCEQUALITYFLAG.1	DP
SCIENCEQUALITYFLAGEXPLANATION.1	DP
OPERATIONALQUALITYFLAG.1	DAAC
OPERATIONALQUALITYFLAGEXPLANATION.1	DAAC
QAPERCENTMISSINGDATA.1	SC
ADDITIONALATTRIBUTES	
ADDITIONALATTRIBUTENAME.1	SC
PARAMETERVALUE.1	SC
ADDITIONALATTRIBUTENAME.2	SC
PARAMETERVALUE.2	SC
ADDITIONALATTRIBUTENAME.n	SC
PARAMETERVALUE.n	SC

ECS Inventory Metadata Atmosphere (Continued)

<u>Attribute Name</u>	<u>Source of Value</u>
ANCILLARYINPUTGRANULE	
ANCILLARYINPUTTYPE.1	MW
ANCILLARYINPUTPOINTER.1	MW
SENSORCHARACTERISTIC	
PLATFORMSHORTNAME.1	PCF
INSTRUMENTSHORTNAME.1	PCF

Measured Parameter

Definition: A science parameter (i.e., an SDS array) produced by your code for which individual QA flags and statistics are reported.

Implementation:

ParameterName.1

*AutomaticQualityFlag.1

*AutomaticQualityFlag.Explanation.1

*OperationalQualityFlag.1

*OperationalQualityFlag.Explanation.1

*ScienceQualityFlag.1

*ScienceQualityFlagExplanation.1

QAPercentInterpolatedData.1

*QAPercentMissingData.1

QAPercentOutofBounds.1

QAPercentCloudCover.1

*Included in atmosphere V2 products

L2 Software Development Schedule

<u>Task/Lead Person</u>	<u>Dates</u>
Freeze L2 file specifications (Team)	5/20/97
Develop Cloud Mask reader (Hucek)	5/23/97
Complete L2 “create” modules (Team)	5/23/97
Develop, water vapor copy routine (Hucek)	5/23/97
Distribute ancillary data reader (UW)	5/23/97
Develop ECS Inventory metadata writer (Hucek)	5/30/97
Implement Clear Sky radiance files (Strabala)	5/30/97

L2 Software Development Schedule (Continued)

Task/Lead Person	Dates
Software Deliveries: MOD04 (Mattoo); MOD05 (Chu); MOD07 (Gumley); MOD35 (Strabala)	6/2/97
Develop ECS archive metadata writer (Hucek)	6/01/97 - 6/15/97
Software Deliveries: MOD06-CT ^{Fry} (Gumley) ; MOD06-IR (Strabala)	6/16/97
Software Deliveries: MOD06-OD (Wang/Song); MOD06-CD (Gao)	6/30/97

L3 Daily Product Software Development Schedule

Task/Lead Person	Dates
Develop L2 data ingest/sort modules (Pincus)	4/01/97 - 6/01/97
Develop processing module (Liang)	4/01/97 - 6/15/97
Define daily file spec (Hubanks)	4/15/97 - 6/01/97
Define product specific metadata (Team)	5/15/97 - 6/06/97
Create partial L3 daily structure file (Hucek)	5/28/97
Develop file sorter routine (Hucek)	5/30/97
Develop output module (Pincus)	6/01/97 - 7/01/97
Develop metadata writer (Hucek)	6/15/97 - 7/15/97

L3 Monthly Product Software Development Schedule

Task/Lead Person	Dates
Define file spec (Hubanks)	6/01/97 - 7/15/97
Develop daily product ingest module (Pincus)	6/15/97 - 7/15/97
Develop monthly time-compositing code (Liang)	6/15/97 - 7/15/97
Develop monthly output routine (Pincus)	6/15/97 - 7/30/97
Add ECS metadata routines (Hucek)	7/15/97 - 7/30/97
Software Deliveries: MOD08D and MOD08M (Liang/Pincus)	7/97

Software Development Schedule

Task/Lead Person	Dates
Version 2 software delivered to DAAC (SDST)	11/97
Produce Great Products (Team)	6/98