

Abbreviations and Acronyms

ACRIM	Active Cavity Radiometer Irradiance Monitor
ADC	Affiliated Data Center
ADEOS	Advanced Earth Observing System (Japan)
AHWGP	Ad Hoc Working Group on Production
AI&T	Algorithm Integration and Test
AITTL	Algorithm Integration and Test Tools
ALT	Altimeter; see also EOS-ALT 1
AM-1	EOS AM Mission Spacecraft 1, Morning Spacecraft Series -ASTER, CERES, MISR, MODIS, and MOPITT Instruments
AMSU	Advanced Microwave Sounding Unit
ASF	Alaska SAR Facility
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
BAAS	Billing and Accounting Application Service
CAL/VAL	Calibration Validation
CCB	Configuration Control Board
CCD	Charge Coupled Device
CCR	Configuration Change Request
CD	Compact Disk
CD-ROM	Compact Disk - Read Only Memory
CDR	Critical Design Review
CDRL	Contract Data Requirement List
CERES	Clouds and Earth's Radiant Energy System
CERT	Computer Emergency Response Team
CI	Configuration Item
CIESIN	Consortium for International Earth Science Information Network
CM	Configuration Management
CMO	Configuration Management Organization
CMOS	Complementary Metal Oxide Substrate
COTS	Commercial Off the Shelf

CPU	Central Processing Unit
CSA	Canadian Space Agency
CSCI	Computer Software Configuration Item
CSMS	Communications and Systems Management Segment
CSS	Communication Subsystem
DAAC	Distributed Active Archive Center
DADS	Data Archive and Distribution System
DAN	Data Availability Notification
DAO	Data Assimilation Office
DAR	Data Acquisition Request
DAS	Data Assimilation System
	Data Availability Schedule
DBMS	Database Management System
DCE	Distributed Computing Environment
DEM	Digital Elevation Model
DFA	Dual Frequency Altimeter
DID	Data Item Description
DIM	Distributed Information Management
DM	Data Management
DMO	Data Management Office
DMP	Data Migration Plan
DOI	Department of Interior
DPS	Data Processing Subsystem
DRR	Data Readiness Review
DSS	Data Server Subsystem
EBNet	EOSDIS Backbone Network
ECOM	EOS Communications
ECS	EOSDIS Core System
EDC	EROS Data Center
EDF	ECS Development Facility
EDHS	ECS Data Handling System

EDOS	EOS Data and Operations System
E-Mail	Electronic Mail
EMC	Enterprise Monitoring and Coordination
EMT+	Enhanced Thematic Mapper Plus
EOC	Earth Observation Center (Japan)
	EOS Operations Center
EOS	Earth Observing System
EOSDIS	Earth Observing System Data and Information System
EPDS	Earth Probe Data System
EROS	Earth Resources Observation System
ERS-1	European Remote-Sensing Satellite-1
ERS-2	European Remote-Sensing Satellite-2
ESDIS	Earth Science Data and Information System
ESMO	Earth Science Mission Office
ESN	EOS Science Network
ESST	Earth Science Search Tool
EST	Eastern Standard Time
FDF	Flight Dynamics Facility
FOO	Flight of Opportunity
FOS	Flight Operations Segment
FOV	Field of View
FTP	File Transfer Protocol
GB	Gigabyte
GCMD	Global Change Master Directory
GDPS	Ground Data Processing System
GDS	Ground Data System
GMT	Greenwich Mean Time
GOES	Geostationary Operational Environmental Satellite
GPCC	Global Precipitation Climatology Centre
GPCP	Global Precipitation Climatology Project
GPI	GOES Precipitation Index

GRIB	GRid in Binary
GRid	Global Resource Information Database
GSFC	Goddard Space Flight Center
GUI	Graphical User Interface
GV	Ground Validation
HDF	Hierarchical Data Format
HW	Hardware
H/W	Hardware
HTML	Hypertext Markup Language
IAS	Image Assessment System
IATO	Independent Acceptance Test Organization
ICD	Interface Control Document
IDR	Incremental Design Review
IGS	International Ground Station
IMS	Information Management Service
IP	Installation Plan
	Internet Protocol
IRD	Interface Requirement Document
I&T	Integration and Test
IV&V	Independent Verification and Validation
IWG	Investigator Working Group
JCN	Job Control Number
JERS	Japanese Earth Remote-Sensing Satellite
JPL	Jet Propulsion Laboratory
L0	Level 0
L1A	Level 1A
L1B	Level 1B
L3	Level 3
L4	Level 4
L7	Landsat &
LAN	Local Area Network

LaRC	Langley Research Center
LIM	Local Information Manager
LIS	Lightning Imaging Sensor
LPS	Landsat 7 Processing System
LRU	Line Replacement Unit
LSM	Local System Management
MB	Megabyte
MI	Master Index
MIB	Management Information Base
MISR	Multi-angle Imaging SpectroRadiometer
MITI	Ministry of International Trade and Industry (Japan)
mm	millimeter
MMO	Mission Management Office
M&O	Maintenance and Operations
MOC	Mission Operations Center
MODIS	Moderate Resolution Imaging SpectroRadiometer
MOPITT	Measurements of Pollution in the Troposphere
MOU	Memorandum of Understanding
MR	Microwave Radiometer
MSFC	Marshall Space Flight Center
MSS	System Management Subsystem
MWG	Migration Working Group
NASA	National Aeronautics and Space Administration
NASDA	National Space and Development Agency of Japan
NCC	Network Control Center (GSFC) Network Communication Center
NESDIS	National Environmental Satellite, Data, and Information Service (NOAA)
NFS	Network File System
NMC	National Meteorological Center
NOAA	National Oceanic and Atmospheric Administration
NOW	Network of Workstations

NSIDC	National Snow and Ice Data Center
NSI	NASA Science Internet
OCD	Operations Concept Document
ODC	Other Data Center
ODPR	On-Demand Production Request
ORNL	Oak Ridge National Laboratory
PA	Performance Analyst
PDR	Preliminary Design Review
PDPS	Planning and Data Processing System
PG	Product Generation
PGE	Product Generation Executive
PGS	Product Generation System
PI	Principal Investigator
PLANG	Planning Subsystem
PLNHW	Planning Hardware (Configuration Item)
PLS	Planning Subsystem
PM	Performance Manager
PMI	Preventive Maintenance Instruction
PO	Purchase Order
PO.DAAC	Physical Oceanography DAAC
POSIX	Portable Operating System Interface for Computer Environments
PR	Precipitation Radar
	Production Request
PRONG	Production Subsystem
PS	Production Scheduler
QA	Quality Assurance
RAID	Redundant Array Inexpensive Disk
RIR	Release Initiation Review
RM	Resource Manager
RSA	Russian Space Agency
RST	Remote Science Terminals

SA	System Administrator
SAGE	Stratospheric Aerosols and Gas Experiment
SAR	Synthetic Aperture Radar
SCF	Science Computing Facility
SDOC	Science Data Operations Center
SOCC	Science Operations Control Center
SDF	Software Development File
SDP	Science Data Processing
SDPS	Science Data Processing Segment
SDR	System Design Review
SE	System Engineering
SEDAC	Socio-Economic Data and Applications Center (CIESIN)
SEO	Sustaining Engineering Office
SDL	Software Development Library
SMC	System Monitoring and Coordination Center
SN	Space Network
SNMP	Simple Network Management Protocol
SOW	Statement of Work
SPRHW	Science Processing Hardware (Configuration Item)
SRR	System Requirements Review
SSALT	Solid State Radar Altimeter
SSM/I	Special Sensor Microwave/Imager
SSI&T	Science Software Integration and Test
SW	Software
S/W	Software
TB	Terabyte
TBD	To be determined
TBR	To be reviewed
TBS	To be supplied
TCP	Telemetry and Command Processor
TIP	Technical Information Program

TL	Team Leader
TMI	TRMM Microwave Imager
TOMS	Total Ozone Mapping Spectrometer
TRMM	Tropical Rainfall Measuring Mission (joint US - Japan)
TSDIS	TRMM Science Data and Information System
TSU	TSDIS Science Users
UI	User Interface
UR	Universal Reference
URL	Uniform Resource Locator
USGS	U.S. Geological Survey
UUID	Universal Unique Identifier
V0	Version 0
V1	Version 1
VIRS	Visible and Infrared Scanner
WAN	Wide Area Network
WRS	Worldwide Reference System
WWW	World Wide Web