

## Abbreviations and Acronyms

AD	Applicable Document
AMF	Atmospheric Motion Field
AMV	Atmospheric Motion Vector
APE	Automatic Product Extraction
API	Application Programming Interface
ATP	Acceptance Test Plan
AVI	Audio Video Interleave; a widely used video file format
BMP	Windows Bitmap; image format / file
СВ	Cumulonimbus (thunder cloud)
CC	Convective (Cloud) Cell
CDM	Cloud Development Map
CMV	Cloud Motion Vector
CMW	Cloud Motion Wind
CNS	CineSat Nowcast Server
CSI	CineSat Image File
CSV	Comma-separated value; plain text table format / file
ESA	European Space Agency
EUMETCast	EUMETSAT's DVB-T based data distribution platform
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
FTP	File Transfer Protocol
GUI	Graphical User Interface
HDF5, H5	Hierarchical Data Format Version 5
HMI	Human-Machine-Interface
hPa	Hecto-Pascal (atmospheric pressure level)
HPGL	Hewlett-Packard Graphic Language
HRIT	High Rate Image Transmission (file format)
ICD	Interface Control Document
IP	Internet Protocol
IR	Infra-Red (image channel)
КВ	Kilobyte (1024 byte)
LAN	Local Area Network
LRIT	Low Rate Image Transmission (file format)
LUT	Look-Up-Table
MB	Megabyte (1024 x 1024 byte)
Mbit	Megabit
MPEF	Meteorological Product Extraction Facility; a processing unit hosted at EUMETSAT and producing meteorological products from satellite images
MPEG	Motion Picture Expert Group; a widely used family of video file formats
MTP	Meteosat Transition Program (= Meteosat 1st Generation)
MTSAT	Multi-Functional Transport Satellite; a Japanese geostationary satellite
MSG	Meteosat Second Generation
MTG	Meteosat Third Generation
NIR	Near Infra-Red (spectral band, image channel)
NFS	Network File System
NWP	Numerical Weather Prediction; model or data



NTPNetwork Time Protocol; used for synchronization of computers running real-time applicationsOPMOperator ManualPBMPortable Bit Map (single bit image format)PGMPortable Gray Map (8-bit image format)PIFProcessed Image Format (proprietary format of VCS satellite receivers)PNGPortable Network GraphicsPPMPortable Network GraphicsRASSun Raster FileRCPRefore Copy; protocol for copying files between Unix machines. Deprecated due to security and performance issuesRDReference DocumentRHELSRedHat Enterprise Linux Version 5RMFRelative Motion FieldRMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatellite Secure Copy; secure rotocol for copying files between Unix machines.SFTPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion VectorSPRSoftware User ManualSVGScalable Vector Graphic; web-standard for vector graphicsSITFTagged Image File FormatUDFUser Data Feed for CineSatUTCUniversal Time Coordinate (same as Greenwich or Zulu time)UTHUpper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)WVWater Vap		
PBMPortable Bit Map (single bit image format)PGMPortable Gray Map (8-bit image format)PIFProcessed Image Format (proprietary format of VCS satellite receivers)PNGPortable Network GraphicsPPMPortable Pixel Map (24-bit image format)PRJProjection; definition of a geographical map viewRASSun Raster FileRCPRemote Copy; protocol for copying files between Unix machines. Deprecated due to security and performance issuesRDReference DocumentRHEL5RedHat Enterprise Linux Version 5RMFRelative Motion FieldRMVRelative Motion Facility; a center of competence for specific meteorological applications of satellite dataSATSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion FieldSMVSystem Motion VectorSPRSoftware Problem ReportSUMSoftware User ManualSVGScalable Vector Graphic; web-standard for vector graphicsTIFFTagged Image File FormatUDFUser Data Feed for CineSatUTCUniversal Time Coordinate (same as Greenwich or Zulu time)UTHUpper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)VVWater Vapor (spectral band, image channel)XVLExtensible Markup Language	NTP	
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XML Extensible Markup Language	VS	Visible (spectral band, image channel)
	WV	Water Vapor (spectral band, image channel)
XPIF Extended Processed Image Format (proprietary to VCS satellite receivers)	XML	Extensible Markup Language
	XPIF	Extended Processed Image Format (proprietary to VCS satellite receivers)

See Definition of Terms