

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	
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 VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSAFSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion VectorSMFSystem Motion VectorSPRSoftware 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	OPM	Operator Manual
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 VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion FieldSMVSystem Motion VectorSPRSoftware 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)XMLExtensible Markup Language	PBM	Portable Bit Map (single bit image format)
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 VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSite 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)XMLExtensible Markup Language	PGM	Portable Gray Map (8-bit image format)
PPMPortable 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 DocumentRHELSRedHat Enterprise Linux Version 5RMFRelative Motion FieldRMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion FieldSMVSystem Motion VectorSPRSoftware User ManualSVGScalable Vector Graphic; web-standard for vector graphicsSUMSoftware User ManualSVGScalable Vector Graphic; web-standard for vector graphicsUTFTagged 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)XMLExtensible Markup Language	PIF	Processed Image Format (proprietary format of VCS satellite receivers)
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 VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSatelliteSATSite Acceptance TestSCPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion FieldSMVSystem Motion FieldSMVSystem Motion FieldSMVSystem Motion FieldSMVSystem Motion FieldSMVSystem Motion VectorSPRSoftware 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	PNG	Portable Network Graphics
RASSun 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 VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSatelliteSATSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem 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)XMLExtensible Markup Language	PPM	Portable Pixel Map (24-bit image format)
RCPRemote Copy; protocol for copying files between Unix machines. Deprecated due to security and performance issuesRDReference DocumentRHEL5RedHat Enterprise Linux Version 5RMFRelative Motion FieldRMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem Motion VectorSNVSystem 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)XMLExtensible Markup Language	PRJ	Projection; definition of a geographical map view
RCPdue to security and performance issuesRDReference DocumentRHEL5RedHat Enterprise Linux Version 5RMFRelative Motion FieldRMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSite Acceptance TestSCPSecure Copy; secure rotocol for copying files between Unix machines.SFTPSecure File Transfer Protocol; a secure replacement for FTPSMFSystem 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)XMLExtensible Markup Language	RAS	Sun Raster File
RHEL5RedHat Enterprise Linux Version 5RMFRelative Motion FieldRMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSite 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)XMLExtensible Markup Language	RCP	
RMFRelative Motion FieldRMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSite 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	RD	Reference Document
RMVRelative Motion VectorSAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSite 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	RHEL5	RedHat Enterprise Linux Version 5
SAFSatellite Application Facility; a center of competence for specific meteorological applications of satellite dataSATSatelliteSATSatelliteSATSite 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)VSVisible (spectral band, image channel)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	RMF	Relative Motion Field
SAFapplications of satellite dataSATSatelliteSATSatelliteSATSite 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)VTHUpper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	RMV	Relative Motion Vector
SATSite 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SAF	
SCPSecure 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SAT	Satellite
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)UTHUper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)XMLExtensible Markup Language	SAT	Site Acceptance Test
SMFSystem 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SCP	Secure Copy; secure rotocol for copying files between Unix machines.
SMVSystem 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SFTP	Secure File Transfer Protocol; a secure replacement for FTP
SPRSoftware 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SMF	System Motion Field
SUMSoftware 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SMV	System Motion Vector
SVGScalable 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)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SPR	Software Problem Report
TIFFTagged 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 Vapor (spectral band, image channel)XMLExtensible Markup Language	SUM	Software User Manual
UDFUser Data Feed for CineSatUTCUniversal Time Coordinate (same as Greenwich or Zulu time)UTHUpper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	SVG	Scalable Vector Graphic; web-standard for vector graphics
UTCUniversal Time Coordinate (same as Greenwich or Zulu time)UTHUpper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	TIFF	Tagged Image File Format
UTHUpper Tropospheric Humidity (relative, given in %)VSVisible (spectral band, image channel)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	UDF	User Data Feed for CineSat
VSVisible (spectral band, image channel)WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	UTC	Universal Time Coordinate (same as Greenwich or Zulu time)
WVWater Vapor (spectral band, image channel)XMLExtensible Markup Language	UTH	Upper Tropospheric Humidity (relative, given in %)
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