

Global Change Master Directory (GCMD) Instrument Keywords

Short Name > Long Name

ATM > Airborne Topographic Mapper
 GLAS > Geoscience Laser Altimeter System
 LVIS > Laser Vegetation Imaging Sensor
 MBLA > Multi-Beam Laser Altimeter
 ALT (TOPEX) > TOPEX Radar Altimeter
 ALTIMETERS
 KBR > K-Band Ranging system
 POSEIDON-2 > JASON-1 RADAR ALTIMETER
 RA > ERS Radar Altimeter
 RA-2 > Radar Altimeter-2
 RADAR ALTIMETERS
 SSALT > POSEIDON Solid State Radar Altimeter
 AIRSAR > Airborne Synthetic Aperture Radar
 AMI > Active Microwave Instrument
 ASAR > Advanced Synthetic Aperature Radar
 C-SAR > C-Band Synthetic Aperture Radar
 GEOSAR > Geographic Synthetic Aperture Radar
 IFSAR > Interferometric Synthetic Aperture Radar
 IMAGING RADAR SYSTEMS > Imaging Radar Systems, Real and Synthetic Aperture
 PALSAR > Phased Array type L-band Synthetic Aperture Radar
 SAR > Synthetic Aperture Radar
 SIR-A > Shuttle Imaging Radar-A
 SIR-B > Shuttle Imaging Radar-B
 SIR-C > Spaceborne Imaging Radar-C
 SLAR > Side-Looking Airborne Radar
 SLRAR > Side-Looking Real Aperature Radar
 SRTM > Shuttle Radar Topography Mission
 X-SAR > X-Band Synthetic Aperture Radar
 MOBLAS > Mobile Laser Systems
 ACOUSTIC SOUNDERS
 ECHO SOUNDERS
 IES > Inverted Echo Sounders
 RASS > Radio Acoustic Sounding System
 SAW > JPL Surface Acoustic Wave Hygrometer
 CLS > Cloud Lidar System
 CPL > Cloud Physics Lidar
 DIAL > Differential Absorption Lidar
 DOPS > Dual Optical Pulse Sensor
 LASERS > Light Amplification by Stimulated Emission of Radiation
 LIDAR > Light Detection and Ranging
 RL > Raman Lidar
 ACOUSTIC RADAR
 ADRAD > Texas Aggie Doppler Radar
 ARMAR > Airborne Rain Mapping Radar
 CAMRA > CWVC Chilbolton Advanced Meteorological Radar
 CRS > Cloud Radar System
 DMR > GPS Bistatic Radar Delay Mapping Receiver
 DOPPLER BEACONS
 DOPPLER RADAR
 EDOP > ER2-Doppler Radar
 ELDORA > Electra Doppler Radar



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FMCWR > Frequency Modulated Continuous Wave Radar
 GPR > Ground Penetrating Radar
 INCOHERENT SCATTER RADAR
 MMCR > Millimeter-Wavelength Cloud Radar
 MST > Mesosphere, Stratosphere and Troposphere Radar
 NEXRAD > NEXt Generation RADAR
 NPOL > NASA Portable S-band Multiparameter Weather Research Radar
 OSCAR > OCEAN SURFACE CURRENT RADAR
 PALS > Passive and Active L- and S-Band System
 PR > TRMM Precipitation Radar
 PR-2 > Second Generation Precipitation Radar
 RADAR > Radio Detection and Ranging
 RADAR ECHO SOUNDERS
 RWP50 > 50-MHz Radar Wind Profiler and Radio Acoustic Sounding System
 RWP915 > 915-MHz Radar Wind Profiler and Radio Acoustic Sounding System
 SCR-HF > Surface Current Radar
 SPOL > NCAR S-band Polarimetric Doppler Radar
 TOGA RADAR
 VERTICAL POINTING RADAR
 XPOL > NOAA/ETL X-band Polarimetric Doppler Radar
 IONOSONDE
 ASCAT
 C-SCAT > C-Band Scatterometer
 ERS WIND SCATTEROMETER
 NSCAT > NASA Scatterometer
 POLSCAT > Polarimetric Ku-Band Scatterometer
 SASS > SEASAT-A Scatterometer System
 SCATTEROMETERS
 SEAWINDS > SeaWinds
 WS > Wind Scatterometer
 ALIAS > Airborne Laser Infrared Absorption Spectrometer
 ALPS > Airborne Laser Polarization Sensor
 AOLFL > Airborne Oceanographic Lidar Fluorosensor
 ATLAS > Airborne Tunable Laser Absorption Spectrometer
 CALIOP > Cloud-Aerosol Lidar with Orthogonal Polarization
 ELASTIC BACKSCATTER LIDAR
 HSRL > High Spectral Resolution Lidar
 JPL LASER HYGROMETERS
 KNOLLENBERG PROBE
 LASE > Lidar Atmospheric Sensing Experiment
 LASER SPECTROMETER
 LLS > Laser-Light Scattering
 MPL > Micropulse Lidar
 PALMS > Particle Analysis by Laser Mass Spectrometry
 VIL > Volume Imaging Lidar
 VIRL > Visible and Near IR Lidar
 CLOUDSAT-CPR > CLOUDSAT CLOUD PROFILING RADAR
 ROWS > Radar Ocean Wave Spectrometer
 MAGNETOMETERS
 MAGVAR > Magnetic Variometer
 NUCLEAR PRECESSION MAGNETOMETER
 OVM > Overhauser Scalar Magnetometer
 PROTON MAGNETOMETER
 ASC > All-Sky Camera
 AWIFS > Advanced Wide Field Sensor
 CAMERAS



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CCD IMAGER
 CCD LINEAR ARRAY
 CIPS > Cloud Imaging and Particle Size
 CPI > Cloud Particle Imager
 LFC > Large Format Camera
 LLLTV > Low Light Level TV
 MULTILENS CAMERAS
 OCPS > Orbiter Camera Payload System
 PAN > IRS Panchromatic Camera
 QUICKBIRD/BHRC-60 > Quickbird Ball High Resolution Camera 60
 RBV > Return Beam Vidicon
 SCS > Star Camera System
 SSCC > Spin Scan Cloud Camera
 WFC > Wide Field Camera
 AEPI > Atmospheric Emissions Photometric Imaging
 AIRBORNE TRACKING SUNPHOTOMETER
 DOBSON SPECTROPHOTOMETERS
 MASP > Mobile Automatic Scanning Photometer
 MSBSP > Multi-Spectral Band Sun Photometer
 PHOTOMETERS
 POAM II > Polar Ozone and Aerosol Measurement II
 POAM III > Polar Ozone and Aerosol Measurement III
 SPECTROPHOTOMETERS
 SUN PHOTOMETERS
 SXM-2 > Multichannel Sun Photometer
 TRANSMISSOMETERS
 ALAE > Atmospheric Lyman-Alpha Emissions
 CEILOMETERS
 GFC RADIOMETER > Gas Filter Correlated Radiometer
 GSD > Germanium Semiconductor Detector
 HPGE > Hyperpure Germanium
 MINARAD RST-10
 MONOCHROMATORS
 NEPHELOMETERS
 OPC > Optical Particle Counter
 OPS > Optical Sensor
 OTD > Optical Transient Detector
 PARTICLE DETECTORS
 PAS > Photoelectric Aerosol Sensor
 PIN DIODE
 POLARIMETERS
 SCINTILLATION COUNTERS
 SILICON PHOTODIODES
 SUNSHINE RECORDERS
 WSI > Whole-Sky Imager
 BLACKJACK > Global Positioning System
 GPS > Global Positioning System
 GPS CLOCKS
 GPS RECEIVERS
 GRAS > Global navigation satellite system Receiver for Atmospheric Sounding
 LASER REFLECTOR
 LASER TRACKING REFLECTOR
 LRA > Laser Retroreflector Array
 LRR > Laser Retro-Reflector
 RIS > Retroreflector in Space
 SLR > Satellite Laser Ranging



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TLRS > Transportable Laser Ranging Systems
 SDPTR > Satellite Doppler Positioning Transit Receivers
 SUPERSTAR > Space Triaxial Accelerometer for Research Missions
 ARGOS > ARGOS Data Collection and Position Location System
 DORIS > Doppler Orbitography and Radiopositioning Integrated by Satellite
 HAIRS > High Accuracy Inter-satellite Ranging System
 INS > Inertial Navigation System
 LORAN > Long Range Navigation
 RADIO BURST RECEIVERS
 TELEMETER
 USO > Ultra-Stable Oscillator
 ACS > Advanced Stellar Compass 2 (Boom)
 COMPASSES
 GYROS
 IPU > Instrument Processing Unit
 OPTICAL BEACON
 PASSIVE OPTICAL TRACKING
 PRARE > Precise Range and Range-Rate Equipment
 RADIO TRANSPONDERS
 RF ANTENNA
 SCA > Spatial Coordinate Apparatus
 SDTA > Satellite Drag Tracking Apparatus
 SFERICS DETECTOR
 THR > THRuster activation system
 TRANSPONDERS
 VLF RECEIVERS
 AERI > Atmospheric Emitted Radiance Interferometer
 HIS > High Resolution Interferometer Sounder
 IASI > Infrared Atmospheric Sounding Interferometer
 MIPAS > Michelson Interferometer for Passive Atmospheric Sounding
 MIRAS > 2-D Passive L-Band Microwave Interferometer
 NAST-I > NPOESS Aircraft Sounder Testbed-Interferometer
 CHAMP-BLACKJACK
 GPS SONDE
 SACC-BLACKJACK
 AEM > Airborne Electromagnetic Profiler
 AIRS > Atmospheric Infrared Sounder
 AMMS > Advanced Microwave Moisture Sounder
 AMSU-A > Advanced Microwave Sounding Unit-A
 AMSU-B > ADVANCED MICROWAVE SOUNDING UNIT B (AMSU-B)
 ATOVS > ADVANCED TIROS-N OPERATIONAL VERTICAL SOUNDER (ATOVS)
 AVAPS > Airborne Vertical Atmosphere Profiling Systems
 CLASS > C-LORAN Atmospheric Sounding System
 DC8 DROPSONDES
 DIGISONDES
 DROPSONDES
 DROPWINDSONDES
 GOES I-M SOUNDER
 HAMSR > High Altitude MMIC Sounding Radiometer
 HIRDLS > High-Resolution Dynamics Limb Sounder
 HIRS > High Resolution Infrared Radiation Sounder
 HIRS/2 > High Resolution Infrared Radiation Sounder/2
 HIRS/3 > High Resolution Infrared Radiation Sounder/3
 HIRS/4 > High Resolution Infrared Radiation Sounder/4
 HSB > Humidity Sounder for Brazil
 IRFS-2 > Infrared Fourier Spectrometer-2



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ISAMS > Improved Stratospheric And Mesospheric Sounder
 ISS > Integrated Sounding System
 LIMS > Limb Infrared Monitor of the Stratosphere
 MACAWS > Multicenter Airborne Coherent Atmospheric Profiling Wind Sensor
 MAS/ATLAS > Millimeter-wave Atmospheric Sounder
 MHS > Microwave Humidity Sounder
 MLS > Microwave Limb Sounder
 MOPITT > Measurements Of Pollution In The Troposphere
 MSU > Microwave Sounding Unit
 MTP > Microwave Temperature Profiler
 NAST-M > NPOESS Aircraft Sounder Testbed-Microwave Radiometer
 NAST-MTS > NPOESS Aircraft Microwave Temperature Sounder
 NOAA PROFILER
 OMEGASONDE
 OZONESONDES
 RADIOSONDES
 RAWINSONDES
 ROCKETSONDES
 RTOVS > REVISED TIROS-N OPERATIONAL VERTICAL SOUNDER (RTOVS)
 SABER > Sounding of the Atmosphere using Broadband Emission Radiometry
 SAMS > Stratospheric and Mesospheric Sounder
 SLS > Submillimeter Limb Sounder
 SOUNDERS
 SSM/T > Special Sensor Microwave/Temperature
 SSM/T-2 > Special Sensor Microwave/Temperature Profiler
 SSU > Stratospheric Sounding Unit
 TCISS > TOGA COARE Integrated Sounding System
 TEMPERATURE PROFILERS
 TETHERSONDES
 TIROS-N > TIROS-N OPERATIONAL VERTICAL SOUNDER
 TOVS > TIROS Operational Vertical Sounder
 UMKEHR OBSERVATIONS
 VAS > VISSR Atmospheric Sounder
 VTPR > Vertical Temperature Profile Radiometer
 WIND PROFILERS
 WVSS > Water Vapor Sensing System
 XSV > Expendable Sound Velocity Profilers
 HYPERION > HYPERSPECTRAL IMAGER
 AATSR > Advanced Along-Track Scanning Radiometer
 AIMR > Airborne Imaging Microwave Radiometer
 AIRMISR > Airborne Multi-angle Imaging SpectroRadiometer
 AIS > Arizona Imager Spectrograph
 ALI > Advanced Land Imager
 AMSR > Advanced Microwave Scanning Radiometer
 AMSR-E > Advanced Microwave Scanning Radiometer-EOS
 AOCI > Airborne Ocean Color Imager
 ASPECT > AIRBORNE SPECTRAL IMAGERY OF ENVIRONMENTAL CONTAMINANTS
 TECHNOLOGY
 ASTER > Advanced Spaceborne Thermal Emission and Reflection Radiometer
 ATSR > Along Track Scanning Radiometer and Microwave Sounder
 ATSR-2 > Along-Track Scanning Radiometer 2
 AVHRR > Advanced Very High Resolution Radiometer
 AVHRR-2 > Advanced Very High Resolution Radiometer-2
 AVHRR-3 > Advanced Very High Resolution Radiometer-3
 AVIRIS > Airborne Visible and Infrared Imaging Spectrometer
 AVNIR > Advanced Visible and Near-Infrared Radiometer



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AVNIR-2 > Advanced Visible and Near-Infrared Radiometer Type 2
 CASI > Compact Airborne Spectrographic Imager
 COSSIR > Conical Scanning Sub-mm wave Imaging Radiometer
 CZCS > Coastal Zone Color Scanner
 DAEDALUS TMS > Daedalus Thematic Mapper Simulator
 ESMR > Electronic Scanning Microwave Radiometer
 ETM+ > Enhanced Thematic Mapper Plus
 GERB > Geostationary Earth Radiation Budget
 GLI > Global Imager
 GOES I-M IMAGER
 GUVI > Global Ultraviolet Imager
 HRDI > High Resolution Doppler Imager
 HRTS > High Resolution Telescope and Spectrograph
 HRV > High Resolution Visible Imaging System
 HRVIR > High Resolution Visible and Infrared
 IIR > Imaging Infrared Radiometer
 IMAGING RADIOMETERS
 IRS > Infrared Radiometer/Spectrometer
 ISO > Imaging Spectrometric Observatory
 JAMI > Japanese Advanced Meteorological Imager
 LAC > LAC (Linear Etalon Imaging Spectrometer Array (LEISA) Atmospheric Corrector
 LIP > Lightning Instrument Package
 LIS > Lightning Imaging Sensor
 LISS-III > Linear Imaging Self Scanning Sensor
 LISS-IV > Linear Imaging Self Scanning Sensor iV
 MAS > MODIS Airborne Simulator
 MEIS > Multispectral Electro-optical Imaging Sensor
 MERIS > Medium Resolution Imaging Spectrometer
 MESSR > Multispectral Electronic Self-Scanning Radiometer
 MFR > Multichannel Flux Radiometer
 MIMR > Multifrequency Imaging Microwave Radiometer
 MISR > Multi-Angle Imaging SpectroRadiometer
 MLA > Multi-Linear Array
 MODIS > Moderate-Resolution Imaging Spectroradiometer
 MOMS-01 > Modular Optoelectronic Multispectral Scanner
 MOMS-02 > Modular Optoelectronic Multispectral Stereo Scanner
 MOP VIS/IR > MOP Imaging Radiometer
 MOS > Modular Optoelectronic Scanner
 MSIR > Multispectral Imaging Radiometer
 MSR > Microwave Scanning Radiometer
 MSS > Multispectral Scanner
 MSU-E > Multichannel High Resolution Electronic Scanner
 MSU-SK > Multichannel Middle Resolution Conical Scanner
 MVI > Multiband Vegetation Imager
 NS-001 TMS > NS-001 Thematic Mapper Simulator
 OCE > Ocean Color Experiment
 OCM > OCEAN COLOR MONITOR
 OCTS > Ocean Color and Temperature Scanner
 OLS > Operational Linescan System
 PIP > Precipitation Imaging Probe
 PLA > Panchromatic Linear Array
 POLDER > Polarization/Directionality of the Earth's Reflectance
 PORTOS > Radiometer Hyper-frequency Multi-frequency
 PRISM > Panchromatic Remote-sensing Instrument for Stereo Mapping
 PROBA.CHRIS.1A > PROBA CHRIS Level 1A
 PSR > Polarimetric Scanning Radiometer



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SEAWIFS > Sea-Viewing Wide Field-of-View Sensor
 SEVIRI > Spinning Enhanced Visible and Infrared Imager
 SMMR > Scanning Multichannel Microwave Radiometer
 SR > Scanning Radiometer
 SSM/I > Special Sensor Microwave/Imager
 SSMIS > Special Sensor Microwave Imager/Sounder
 TM > Thematic Mapper
 TMI > TRMM Microwave Imager
 TMS > Thematic Mapper Simulator
 TSI > TOTAL SKY IMAGER
 VHRR > Very High Resolution Radiometer
 VIRIS > Visible and Infrared Intelligent Spectrometer
 VIRR > Visible and Infrared Radiometer
 VIRS > TRMM Visible Infrared Scanner
 VISSR > Visible and Infrared Spin Scan Radiometer
 VNIR > Visible and Near Infrared Radiometer
 VTIR > Visible and Thermal Infrared Radiometer
 WIFS > Wide Field Scanner
 FPI > Fabry-Perot Interferometer
 HALOE > Halogen Occultation Experiment
 IMG > Interferometric Monitor for Greenhouse Gases
 INTERFEROMETERS
 IRIS > Infrared Interferometer Spectrometer
 MARK IV INTERFEROMETER
 MICHELSON INTERFEROMETER
 SIRIS > Stratospheric Infrared Interferometer Spectrometer
 WINDII > Wind Imaging Interferometer
 AMMR > Airborne Multichannel Microwave Radiometer
 AMPR > Advanced Microwave Precipitation Radiometer
 ASUR > Airborne SUBmillimeter Radiometer
 BBHSR > Broad Spectral Bandpass Hemispherical Solar Radiometer
 BRTS > Background Radiometric Temperature Sensors
 BSR > Broadband Solar Radiometer
 C-STAR > Conically-Scanning Two-look Airborne Radiometer
 CERES > Clouds and Earth's Radiant Energy System
 CERES SCANNER > Clouds and the Earth's Radiant Energy System Scanner
 CERES-FM1 > Clouds and the Earth's Radiant Energy System - Flight Model 1
 CERES-FM2 > Clouds and the Earth's Radiant Energy System - Flight Model 2
 CERES-FM3 > Clouds and the Earth's Radiant Energy System - Flight Model 3
 CERES-FM4 > Clouds and the Earth's Radiant Energy System - Flight Model 4
 CERES-PFM > Clouds and the Earth's Radiant Energy System - Prototype Flight Model
 ERB > Earth Radiation Budget
 ERB-SCANNER
 ERBE > Earth Radiation Budget Experiment
 ESTAR > Electronically Scanned Thinned Array Radiometer
 GBMR > Ground Based Passive Microwave Radiometer
 HCMR > Heat Capacity Mapping Radiometer
 HFOVR > Hemispherical Field of View Radiometer
 HRIR > High-Resolution Infrared Radiometer
 HRR > High Resolution Radiometer
 IKAR > Multichannel Microwave Radiometric System
 INFRARED RADIOMETERS
 MFRSR > Multifilter Rotating Shadowband Radiometer and Broadband Pyranometer
 MIR > Millimeter Imaging Radiometer
 MMR > Modular Multiband Radiometer
 MR > MICROWAVE RADIOMETER



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MRIR > Medium-Resolution Infrared Radiometer
 MULTICHANNEL FILTER RADIOMETERS
 MULTIFILTER RADIOMETER
 MWR > Microwave Water Radiometer
 NFOVR > Narrow Field of View Radiometer
 NMLR > Nebraska Multiband Leaf Radiometer
 PARABOLA > Portable Apparatus Rapid Acquisition Bidirectional Observ Land and Atmos
 RADIOMETERS
 RAMS > Radiation Measurement System
 RSP > Research Scanning Polarimeter
 SCR > Selective Chopper Radiometer
 STEP FREQUENCY RADIOMETERS
 SWIR > Short Wavelength Infrared Radiometer
 TDDR > Total-Direct-Diffuse Multichannel Radiometer
 THIR > Temperature-Humidity Infrared Radiometer
 TMR > TOPEX Microwave Radiometer
 TMRS2 > Tower Mounted Radiometer System 2
 TNR > Thermopile Net Radiometer
 ACE-FTS > Fourier Transform Spectrometer
 AERS > Atmospheric/Emitted Radiation Sensor
 AES > Atmospheric Emission Spectrometer
 ATMOS > Atmospheric Trace Molecule Spectroscopy
 BUV > Backscatter Ultraviolet
 CAPS > Cloud, Aerosol, Precipitation Spectrometer
 CLAES > Cryogenic Limb Array Etalon Spectrometer
 CLOUD TOP SPECTROMETER
 COSPEC > Correlation Spectrometer
 DOAS > Differential Optical Absorption Spectrometers
 EB SPECTROMETER > Ebert-Fastie Spectrometer
 FCAS > Focused Cavity Aerosol Spectrometer
 FCAS II > Focused Cavity Aerosol Spectrometer II
 FIRSC > Far-Infrared Sensor for Cirrus
 FOURIER TRANSFORM SPECTROMETERS
 FPS > Fabray-Perot Spectrometer
 FSSP > Forward Scattering Spectrometer Probe
 FTIR SPECTROMETER > Fourier Transform Infrared Spectrometer
 GOME > Global Ozone Monitoring Experiment
 GOME-2 > Global Ozone Monitoring Experiment-2
 GOMOS > Global Ozone Monitoring by Occultation of Stars
 GRILLE > Grille Spectrometer
 ILAS > Improved Limb Atmospheric Spectrometer
 ILAS II > Improved Limb Atmospheric Spectrometer-II
 LPSP > Multichannel High Resolution UV and Visible Spectrometer
 MAESTRO > Measurements of Aerosol Extinct in the Stratos.and Tropos. Retr. by Occultation
 MAGNETO OPTICAL FILTER
 MAMS > Multispectral Mapping Atmospheric Sensor
 MAPS > Measurement of Air Pollution from Satellite
 MASPR > Multiple-Angle Aerosol Spectrometer Probe
 MIMS > Magnetic Ion-Mass Spectrometer
 MMRS > Multispectral Medium Resolution Scanner
 N-MASS > Nucleation-Mode Aerosol Size Spectrometer
 NEAR-INFRARED SPECTROMETER
 OMI > Ozone Measuring Instrument
 OSS > Open-Source Neutral Mass Spectrometer
 PARTICLE SPECTROMETERS
 PCASP > Passive-Cavity Aerosol Spectrometer Probe



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PES > Photoelectron Spectrometer
 RSMS > Rapid Single-particle Mass Spectrometer
 SAGE I > Stratospheric Aerosol and Gas Experiment I
 SAGE II > Stratospheric Aerosol and Gas Experiment II
 SAGE III > Stratospheric Aerosol and Gas Experiment III
 SCARAB > The Scanner for Radiation Budget
 SCIAMACHY > Scanning Imaging Absorption Spectrometer for Atmospheric Chartography
 SIRS > Satellite Infrared Spectrometer
 SOFIE > Solar Occultation for Ice Experiment
 SPECTROGRAPHS
 SPECTROMETERS
 TEAMS > Time of Flight Energy Angle Mass Spectrometer
 TES > Tropospheric Emission Spectrometer
 TIMS > Thermal Infrared Multispectral Scanner
 TOMS > Total Ozone Mapping Spectrometer
 UV OZONE DETECTORS > Ultraviolet Ozone Detectors
 UV SPECTROMETER > Ultraviolet Ozone Spectrometer
 UVNO > Ultraviolet Nitric Oxide Spectrometer
 VGT-S10 > VEGETATION Sensor (SPOT 4)
 VISIBLE SPECTROMETER
 WATS > Wind and Temperature Spectrometer
 ASAS > Advanced Solid-state Array Spectroradiometer
 SAFS > Scanning Actinic Flux Spectroradiometer
 SPECTRORADIOMETERS
 ACTINOMETER > Radiation Thermocouple Actinometer
 BOLOMETERS
 FAN-ASPIRATED RADIATION SHIELD
 PAR SENSORS > Photosynthetically Active Radiation Sensors
 PARS > PHOTOSYNTHETICALLY ACTIVE RADIATION SENSORS
 PYRANOGRAPHS
 PYRANOMETERS
 PYRGEOMETERS
 PYRHELIOMETERS
 PYRRADIOMETERS
 RRS > Reflected Radiation Sensor
 SOLARIMETERS
 SSFR > Solar Spectral Flux Radiometers
 ACATS > Airborne Chromatograph for Atmospheric Trace Species
 ADS > Automated DNA Sequencer
 AEROSOL MONITOR
 AEROSOL/CLOUD PARTICLE SIZER
 AETHAELOMETER
 AIR PERMEAMETERS
 APMS > Ames Particle Measurement System
 ARGUS > Two-Channel Atmospheric Tracer Instrument
 ATHOS > Airborne Tropospheric Hydroxides Sensor
 AUTOANALYZER
 AWQT > Apparatus for Water Quality Test
 CARBON ANALYZERS
 CHN ANALYZERS > Carbon, Hydrogen, Nitrogen Analyzers
 CNC > Condensation Nuclei Counter
 CO2 ANALYZERS
 CO2NDIR > Carbon Dioxide Nondispersive Infrared Analyzer
 CPA > Charged Particle Analyzer
 CPC > Cloud Particle Counter
 DIFFERENTIAL MOBILITY ANALYZERS



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EGC > Electron Gas Chromatograph
 EQUILIBRATORS
 FLAME-IONIZATION DETECTOR
 FLOW CYTOMETRY
 FLUORESCENCE MICROSCOPY
 FLUORESCENCE SPECTROSCOPY
 FLUOROMETERS
 FRRF > Fast Repetition Rate Fluorometer
 GAS CHROMATOGRAPHS
 GAS CORRELATION FILTERS
 GAS SENSORS
 GC-MS > Gas Chromatograph/Mass Spectrometry
 HAMI > Hydrocarbon Automatic Measuring Instrument
 HPLC > High-Performance Liquid Chromatograph
 INCUBATOR
 ION CHROMATOGRAPHS
 IONIZATION CHAMBER
 IR CO2 ANALYZER > Infrared Carbon Dioxide Analyzer
 IRGA > Infrared Gas Analyzers
 LACE > Lightweight Airborne Chromatograph Experiment
 LEE > Low Energy Electrons
 LICOR GAS EXCHANGE SYSTEM
 LICOR SOIL GAS CHAMBER
 LIQUID CHROMATOGRAPHS
 LOPC-PMS > Laser Optical Particle Counter
 NDIR GAS ANALYZER > Nondispersive Infrared Gas Analyzer
 NEUTRON MONITORS
 NOAMI > Nitrogen Oxide Automatic Measuring Instrument
 OAMI > Oxidants Automatic Measuring Instrument
 OXYGEN ANALYZERS
 OXYGEN METERS
 OZONE DETECTORS
 OZONE MONITORS
 OZONE SENSOR
 OZONEMETERS
 P-SYSTEM > High Pressure Gas Sampling System
 PAM > PORTABLE FLUORESCENCE ANALYZERS
 PH METERS
 PHOTOSYNTHESIS CHAMBER
 PLANT STRESS MONITOR
 PMS > Particle Measuring System
 PMS 2D-C PROBE > Particle Measuring Systems 2D-C Probe
 PMS 2D-P PROBE > Particle Measuring Systems 2D-P Probe
 POROMETER
 RPA > Retarding Potential Analyzer
 SAMI > SO2 Automatic Measuring Instrument
 SFM > Spectrofluorometer
 SOMMA > Single Operator Multiparameter Metabolic Analyzer
 SOPA > Synchronous Orbit Particle Analyzer
 SPECIFIC ION METERS
 SPMAMI > Suspended Particulate Matter Automatic Measuring Instrument
 SSIES > Ion Scintillation Monitor
 SWMS > Surface Water Monitoring System
 TOTCAP > Tropospheric Ozone and Tracers from Commercial Aircraft Platforms
 UCN > Ultrafine Condensation Nucleus Counter
 WAS > Whole Air Sampler



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Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

CONDUCTIVITY METERS
 ELECTRONATORS
 GERDIEN CONDUCTIVITY PROBE
 MWA > Multiple Water Analyzer
 CORING DEVICES
 ICE AUGERS
 ROCK CORERS
 SEDIMENT CORERS
 SNOW DENSITY CUTTER
 AEROVANES
 ANEMOMETERS
 CRWVA > Combined Recording Wind Vane Anemograph
 CURRENT METERS
 CVI > Counterflow Virtual Impactor
 DRIFTING BUOYS
 EDDY CORRELATION DEVICES
 ELECTROMAGNETIC DIRECTION METER
 GEK > Geomagnetic Electrokinetographs
 GUST PROBES
 PTGA > Propeller Type Generating Anemovane
 SONIC ANEMOMETER
 WIND VANES
 COULOMETERS
 ELECTRIC FIELD MILL
 MESA > Miniature Electrostatic Analyzer
 MIPS-EFM > MIPS Electric Field Mill
 RDEFM > Rotating Dipole Electric Field Mill
 SMPS > Scanning Mobility Particle Sizer
 SNOW FORKS
 VOLTAGE METERS
 ADG > Acoustic Depth Gauge
 BALANCE
 BOTTOM PRESSURE GAUGES
 GROUND WATER LEVEL GAUGES
 GWLG > GROUND WATER LEVEL GAUGES
 IONIZATION PRESSURE GAUGES
 LAND SUBSIDENCE GAUGES
 LYSIMETERS
 ORG > Optical Rain Gauge
 RAD GAUGE > Ram Atmosphere Density Gauge
 RAIN GAUGES
 RING SHEAR TESTERS
 SPRING BALANCE > SPRING BALANCE
 STRAIN GAUGE WHEATSTONE BRIDGE
 STREAM GAUGES
 TEOM > Tapered Element Oscillating Microbalance
 TIDE GAUGES
 ULTRASONIC DEPTH GAUGE
 WATER LEVEL GAUGES
 WAVE HEIGHT GAUGES
 ACCELEROGRAPHS
 ACCELEROMETERS
 ADA > Atmospheric Density Accelerometer
 DTG > Differential Thermogravimeter
 GRAVIMETERS
 INCLINOMETERS



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

LRGM > Lacoste-Romberg Gravity Meter
 SUPERCONDUCTING GRAVIMETER
 DFS-V48 > DFS-V 48 Channel Seismograph Attached to Seismic Geophones
 DFS-V60 > DFS-V 60 Channel Seismograph Attached to Seismic Geophones
 SEISMOGRAPHS
 SEISMOMETERS
 BINOCULAR > BINOCULAR
 DENSIOMETERS
 FIELD SCOPE > FIELD SCOPE
 INFRARED LASER SPECTROSCOPY
 LBLSC > Low Background Liquid Scintillation Counter
 MICROSCOPES
 OPC > Optical Plankton Counter
 PETROGRAPHIC MICROSCOPES
 PHASE CONTRAST MICROSCOPES
 PHOTOSYNTHETRON
 SCANNING ELECTRON MICROSCOPES
 SECCHI DISKS
 TEM > TRANSMISSION ELECTRON MICROSCOPY
 THEODOLITE
 TLPCS > Thermoluminescence Photon Counting System
 TOC > Total Organic Carbon Analyzer
 TRANSPARENCY METER
 TUNABLE DIODE LASER
 TURBIDITY METERS
 USIM > Underwater Spectral Irradiance Meter
 VISUAL OBSERVATIONS
 AHF > AIRBORNE HEIGHT FINDER
 ANEROID PRESSURE SENSOR
 APS > Air Pressure Sensor
 BAROMETERS
 CLINOMETERS
 ICE STRESS SENSORS
 MICROBAROGRAPHS
 PIEZOMETERS
 PIPE STRAIN METER
 PRESSURE CHAMBERS
 PRESSURE GAUGES
 PRESSURE JUMP DETECTOR
 PRESSURE PROBE
 PRESSURE SENSORS
 PRESSURE TRANSDUCERS
 ROSEMOUNT PRESSURE GAUGE
 SCHOLANDER PRESSURE CHAMBER
 SURVEYING TOOLS
 VCEIL > Vaisala Ceilometer
 1DP > 1D Particles Probe
 2DC > 2D Cloud Probe
 CAPAC > Cloud and Aerosol Particle Characterization
 CEP > Cylindrical Electrostatic Probe
 CLOUD LIQUID WATER PROBE
 DIELECTRIC PROBE
 ELECTRON MICROPROBES
 ION MICROPROBES
 NEUTRON PROBE
 NEVZOROV PROBE > Nevzorov Water Vapor Probe



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OSMOMETERS
 PENETROMETERS
 PERMEAMETERS
 PROBES
 SHRIMP > Sensitive High Resolution Ion Microprobe
 SNOW MEASURING ROD
 SNOW TUBE
 SNOWPACK TEMPERATURE PROBE
 SOIL DEPTH PROBE
 SOIL HEAT PROBE
 SOIL MOISTURE PROBE
 SOIL TEMPERATURE PROBE
 STEEL MEASURING TAPE
 TDR > Time Domain Reflectometry Probe
 TEMPERATURE PROBES
 TENSION INFILTRMETER
 ACOUSTIC RECEIVERS
 ACOUSTIC TAGS
 ADCP > Acoustic Doppler Current Profiler
 ARP > Acoustic Recording Package
 GEOPHONES
 GLORIA > Geological Long-Range Inclined ASDIC
 HYDROPHONES
 INFRASONIC MICROPHONES
 MBES > Multibeam Mapping System
 MSBS > Multibeam Swath Bathymetry System
 SIDE-SCAN SONAR
 SODAR > Sound Detection and Ranging
 SONAR > Sound Navigation and Ranging
 SONOBUOYS
 SOSUS > Sound Surveillance System
 UPWARD LOOKING SONAR
 AIRGUN ARRAYS
 BATHYPHOTOMETER
 BATHYTHERMOGRAPHS
 BBSS > Balloon-Borne Sounding System
 BOPS > Bio Optical Profiling System
 CTD > Conductivity, Temperature, Depth
 EHAD > ER-2 High Altitude Drogsonde
 EPSONDE
 LONG STREAMERS
 MBT > Mechanical Bathythermographs
 OFFI > Optical Free Fall Instrument
 PROFILERS
 SBT > Select-Level Bathythermographs
 SCANFISH > SHIP-TOWED UNDULATING VEHICLE
 SEISMIC REFLECTION PROFILERS
 STC > Salinity, Temperature, Conductivity
 STD > Salinity, Temperature, Depth
 THERMOSALINOGRAPHS
 WATERGUNS
 XBT > Expendable Bathythermographs
 XCP > Expendable Current Profiler
 SUNFLECK CEPTOMETER
 CIN > Cloud Integrating Nephelometer
 LICOR INTEGRATING SPHERE



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LICOR LEAF AREA METER
 LICOR PLANT CANOPY ANALYZER
 LICOR QUANTUM SENSOR
 SOLAR SIMULATORS
 ALTUS DATA COLLECTION SYSTEM
 AWIN > Automatic Weigh and Identification Nest-System
 AWS > Automated Weather System
 CLOCKS
 CPR > Continuous Plankton Recorder
 CSR > Compressive Strength Recorder
 DADS > DC-8 DATA ACQUISITION AND DISTRIBUTION SYSTEM
 DENDROMETERS
 DIGITIZER
 DISDROMETERS
 HATDL > HOBO XT Air Temperature Logger
 MMS > Meteorological Measurement System
 NAVREC > ER-2 NAV RECORDER
 OBDH > OnBoard Data Handling system
 OPTICAL DUST LOGGERS > DOWNHOLE OPTICAL DUST AND ASH LOGGERS
 SALINOMETERS
 TEMPERATURE LOGGERS
 TNK > cold gas TaNK system
 VOPC > Video Optical plankton Counter
 VPR > Video Plankton Recorder
 WELL LOGGING TOOLS
 WL/CR > WATER LEVEL/CLIMATE RECORDERS
 FILTERABLE DEPOSIT JAR SAMPLER
 FLASKS
 GO-FLO BOTTLES
 NANSEN BOTTLES > Nansen Water Sampling Bottles
 NISKIN BOTTLES
 WATER BOTTLES
 AEROSOL COLLECTORS
 DRY DEPOSITION COLLECTORS
 GRAB SAMPLERS
 MACS > Multiple Aerosol Collection System
 SEDIMENT METERS
 SEDIMENT TRAPS
 SOIL SAMPLER
 WET DEPOSITION COLLECTORS
 AGASSIZ TRAWL
 BENTHOPELAGIC NET
 BENTHOPELAGIC TRAWL
 BIONESS > Bedford Institute of Oceanography Net Environmental Sampling System
 BONGO NETS
 BOTTOM TRAWL
 DEMERSAL TRAWL
 FISH NETS
 GILLNETS
 MIDWATER TRAWLS
 MOCNESS > MOCNESS Plankton Net
 NEUSTON NET
 NORPAC ZOOPLANKTON NET
 PLANKTON NETS
 SCOR WP-2 ZOOPLANKTON NET
 TRAWL



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0

TUBBS TOWS
 TUCKER TRAWLS
 BEDLOAD SENSORS
 CUFES > Continuous Underway Fish Egg Sampling System
 DREDGING DEVICES
 FSI > Filter Sampling Instrument
 GRANULOMETRIC SIEVES
 HVAS > High Volume Air Sampler
 HVPS > High Volume Particle Sampler
 KEMMERER SAMPLER
 PISTON SAMPLERS
 STS > Step Sampler
 WET/DRY PRECIPITATION SAMPLERS
 WWS > Whole Water Sampler
 AMS > ACCELERATOR MASS SPECTROMETERS
 BGO > Bismuth Germanate Scintillator
 BLIP > Boundary Layer Instrument Package
 CHEMILUMINESCENCE
 COLORIMETERS
 ICP-MS > Inductively Coupled Plasma Mass Spectrometer
 LA-ICP-MS > Laser Ablation Inductively Coupled Plasma Mass Spectrometer
 MASS SPECTROMETERS
 MC-ICP-MS > Multi Collector Inductively Coupled Plasma Mass Spectrometers
 NET RADIOMETERS
 SIMS > Secondary Ion Mass Spectrometers
 XRF > X-Ray Fluorescence Spectrometer
 DEWPOINT HYDROMETERS
 HYDROMETERS
 HYGROTHERMOGRAPHS
 FPH > Lyman-Alpha Total Water
 HYGROMETERS
 LYMAN-ALPHA HYGROMETER
 HYPSONETERS
 PYROMETERS
 THERMISTORS
 THERMOCOUPLES
 DRY BULB THERMOMETERS
 INFRARED THERMOMETERS
 PRT > Precision Radiation Thermometers
 QUARTZ CRYSTAL THERMOMETER
 RT > Reversing Thermometer
 THERMOMETERS
 WET BULB THERMOMETERS
 CFDC > Continuous Flow Diffusion Chamber
 HUMIDITY SENSORS
 HUMIDITY TRANSDUCERS
 PSYCHROMETERS
 SOIL HEAT FLUX TRANSDUCER
 TEMPERATURE SENSORS
 3DA > 3D Plasma Analyzer
 AMPTE/IRM MAGNETOMETER > AMPTE/IRM Three-axis Fluxgate Magnetometer
 DIFLUX MAGNETOMETERS
 DWP > Digital Wave Processing Experiment
 EECA > Electrostatic Energy-Charge Analyzer (IMP-8)
 EFD > Electric Fields Detector (Geotail)
 EFI > Electric Fields Investigation



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EFW > Electric Field and Wave Experiment
 ELECTROSTATIC ANALYZERS
 FGM > CLUSTER-II Fluxgate Monitor
 FGM > Fluxgate Magnetometer
 FGM-U > Ulysses Flux Gate Magnetometer
 FLUXGATE MAGNETOMETERS
 GOLF > Global Oscillations at Low Frequencies
 GONG INSTRUMENT > Global Oscillation Network Group Instrument
 GONG NETWORK > Global Oscillation Network Group Network
 IME > IMP-8 Magnetometer Experiment
 MAG > Magnetic Field Experiment
 MAGNETOGRAPHS
 MAM > Magnetic Field Instrument
 MFE > Magnetic Field Experiment (Geotail)
 MFE-P > Magnetic Fields Experiment (Polar)
 MFI > Magnetic Field Investigation (WIND)
 PWI > Plasma Waves Investigation (Geotail)
 PWI-P > Plasma Waves Investigation (Polar)
 SEARCHCOIL MAGNETOMETERS
 SPFC > Solar Plasma Faraday Cup (IMP-8)
 SSM > Special Sensor Magnetometer
 STAFF > Spatio-Temporal Analysis of Field Fluctuation Experiment
 VECTOR MAGNETOGRAPHS
 VHM > Vector Helium Magnetometer (Ulysses)
 WBD > Wide Band Data Instrument
 WBS > Wide Band Spectrometer
 WHISPER > Waves of High Frequency and Sounder for Probing Electron Density by Relaxation
 3DP > 3-D Plasma and Energetic Particle Investigation (WIND)
 AA > Atomic Absorption Spectrometer
 AAS > Atomic Absorption Spectrophotometry
 APS > Aerodynamic Particle Sizer
 ASPOC > Active Spacecraft Potential Control Experiment
 BIMS > Bennett Ion-Mass Spectrometer
 CAMMICE > Charge And Mass Ion Composition Experiment
 CELIAS > Charge, Element, and Isotope Analysis System
 CEPPAD > Comprehensive Energetic Particle Pitch Angle Distribution
 CIMS > Chemical Ionization Mass Spectrometer
 CINDI > COUPLED ION-NEUTRAL DYNAMICS INVESTIGATION
 CIS > Cluster Ion Spectrometry Experiment
 COSPIN > Cosmic and Solar Particle Investigation (Ulysses)
 COSTEP > Comprehensive Suprathermal and Energetic Particle Analyzer
 CPFM > Composition and Photodissociative Flux Measurement
 CPI-G > Comprehensive Plasma Investigation-Geotail
 CPME > Charged Particle Measurement Experiment (IMP-8)
 CRIS > Cosmic Ray Isotope Spectrometer
 CRNC > Cosmic Ray Nuclear Composition Experiment (IMP-8)
 DIDM > Planar Langmuir Probe
 DUST > Ulysses Cosmic Dust Experiment
 EDI > Electron Drift Instrument (CLUSTER-II)
 EDI-E > Electron Drift Instrument (EQUATOR-S)
 EPAC > Energetic Particles Composition Instrument (Ulysses)
 EPACT > Energetic Particles: Acceleration, Composition and Transport (WIND)
 EPAM > Electron, Proton, and Alpha Monitor
 EPE > Energetic Particle Experiment (IMP-8)
 EPI > Energy Particle Analyzer
 EPIC > Energetic Particle and Ion Composition (Geotail)



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ERNE > Energetic and Relativistic Nuclei and Electron
 GME > Goddard Medium Energy Experiment (IMP-8)
 HENA > High-Energy Neutral Atom Imager (IMAGE)
 HEP > High Energy Particles (Geotail)
 HEPAD > High Energy Proton and Alpha Detector
 HI-SCALE > Heliosphere Instrument for Spectra, Composition, and Anisotropy and Low Energies
 HYDRA > Hot Plasma Analyzer
 ICI > Ion Composition Instrument
 ICP-AES > Inductively Coupled Plasma Atomic Emission Spectrometer
 IDM > Ion Drift Meter
 IMPACT > In situ Measurements of Particles and CME Transients
 LENA > Low-Energy Neutral Atom Imager (IMAGE)
 LEP > Low Energy Particles (Geotail)
 LEPDEA > Low-Energy Proton and Electron Differential Energy Analyzer (IMP-8)
 MASS > High MASS Resolution Spectrometer
 MCPHA > Multi Channel Pulse Height Analyzer
 MENA > Medium-Energy Neutral Atom Imager (IMAGE)
 MEPAD > Medium Energy Proton and Alpha Detector
 MUON COSMIC RAY DETECTORS
 NACE > Neutral Atmosphere Composition Experiment
 NATE > Neutral Atmosphere Temperature Experiment
 PCD > Potential Control Device
 PEACE > Plasma Electron and Current Experiment
 PEM > Particle Environment Monitor
 PLASTIC > PLASMA and SupraThermal Ion and Composition
 PTR-MS > Proton Transfer Mass Spectrometer
 RAPID > Research with Adaptive Particle Imaging Detectors
 SEC > Solar Corona Experiment (Ulysses)
 SEM > Space Environment Monitor
 SEPICA > Solar Energetic Particle Charge Analyzer
 SEPS > Source Loss-Cone Energetic Particle Spectrometer
 SIS > Solar Isotope Spectrometer
 SMS > SWICS/MASS/STICS Instrument
 SPEA > Solar Plasma Electrostatic Analyzer (IMP-8)
 SSI/ES > Special Sensor Ionospheric Plasma Monitor
 SSJ/4 > Precipitating Plasma Monitor
 STICS > SupraThermal Ion Composition Spectrometer
 SWAN > Solar Wind Anisotropies
 SWE > Solar Wind Experiment (WIND)
 SWEPAM > Solar Wind Electron, Proton, and Alpha Monitor
 SWICS > Solar Wind Ion Composition Spectrometer
 SWICS-U > Solar Wind Ion Composition Spectrometer (Ulysses)
 SWIMS > Solar Wind Ion Mass Spectrometer
 SWOOPS > Solar Wind Plasma Experiment (Ulysses)
 TED > Total Energy Detector
 TIDE > Thermal Ion Dynamics Experiment
 TIDI > TIMED Doppler Interferometer
 TIMAS > Toroidal Imaging Mass-Angle Spectrograph
 ULEIS > Ultra Low Energy Isotope Spectrometer
 SPECTROHELIOGRAPHS
 SPIN-SCAN AURORAL IMAGER
 K-LINE CCD/SOLAR OSCILLATIONS
 C/P > Coronagraph/Polarimeter
 LASCO > Large Angle and Spectrometric COronagraph
 OPTICAL TELESCOPES
 SOLAR TELESCOPES



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SOON SOLAR TELESCOPES
 SOT > SOLAR OPTICAL TELESCOPE (HINODE)
 TELESCOPES
 TRACE TELESCOPE > Transition Region and Coronal Explorer Telescope
 AIRGLOW SENSOR
 AIRGLOW/AURORA IMAGER
 AP > AURORAL PHOTOMETER (SNOE)
 CORONAGRAPHS
 GREEN CORONAGRAPH
 HELIOGRAPHS
 LYMAN-ALPHA PHOTOMETER
 MDI > Michelson Doppler Imager
 OPTICAL TRACKING
 RED CORONAGRAPH
 SFD > Scintillating Fiber Detector
 STOKES POLARIMETER
 VAE > Visible Airglow Photometer
 XPS > XUV Photometer System
 BROADBEAM RIOMETERS
 IMAGING RIOMETERS
 RADIO TELESCOPES
 RIOMETER > Relative Ionospheric Opacity Meter
 RPI > Radio Plasma Imager (IMAGE)
 SWAVES > STEREO WAVES
 URAP > Unified Radio and Plasma Wave Experiment (Ulysses)
 VIRGO > Variability of Solar Irradiance and Gravity Oscillations
 VLA > The Very Large Array
 VLBI > Very Long Baseline Interferometry
 WAVES > Radio and Plasma Wave Investigation
 CDS > Coronal Diagnostics Spectrometer
 EGS > EUV Grating Spectrograph
 EIS > EUV IMAGING SPRECTROMETER (HINODE)
 EIT > Extreme Ultraviolet Imaging Telescope
 ESUM > Extreme Solar UV Monitor
 EUV SPECTROMETER > Extreme UV Spectrometer
 EUVS > Solar Extreme Ultraviolet Spectrophotometer
 FUV > Far Ultraviolet Imager (IMAGE)
 SBUV > Solar Backscatter Ultraviolet
 SBUV/2 > Solar Backscatter Ultraviolet/2
 SECCHI > Sun Earth Connection Coronal and Heliospheric Investigation
 SEE > Solar EUV Experiment
 SIM > Spectral Irradiance Monitor
 SOLAR UV SPECTROMETERS
 SOLCON > Measurement of the Solar Constant
 SOLSPEC > Solar Spectrum Measurement
 SOLSTICE > Solar-Stellar Irradiance Comparison Experiment
 SSBUV > Shuttle Solar Backscatter Ultraviolet
 SUMER > Solar Ultraviolet Measurements of Emitted Radiation
 SUSIM > Solar Ultraviolet Spectral Irradiance Monitor
 UVCS > Ultraviolet Coronagraph Spectrometer
 UVI > UltraViolet Imager (Polar)
 UVIC > UV Ion Chamber
 UVS > ULTRAVIOLET SPECTROMETER (SNOE)
 UVSP > Ultraviolet Spectrometer and Polarimeter
 ACRIM > Active Cavity Radiometer Irradiance Monitor
 ACRIM II > Active Cavity Radiometer Irradiance Monitor II



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ACRIM III > Active Cavity Radiometer Irradiance Monitor III
 CEDAR IMAGER
 SOFIA > STRATOSPHERIC OBSERVATORY FOR INFRARED ASTRONOMY
 SOUP > Solar Optical Universal Polarimeter
 TIM > Total Irradiance Monitor
 VIS > Visible Imaging System (Polar)
 BATSE > Burst And Transient Source Experiment
 BCS > Bragg Crystal Spectrometer
 CXRI > Coded Mask X-ray Imager
 EDAX > Energy-Dispersive Analysis of X-Ray
 EDXA > Energy Dispersive X-Ray Analyzer
 GAMMA RADIATION DETECTOR
 GAMMA RAY SPECTROMETERS
 GRB > Solar X-Ray/Cosmic Gamma-Ray Burst Experiment
 HARD X-RAY MONITOR
 HESSI IMAGER
 HESSI SPECTROMETER
 HXIS > Hard X-ray Imaging Spectrometer
 HXRBS > Hard X-ray Burst Spectrometer
 HXT > Hard X-ray Telescope
 KONUS > Gamma Ray Burst Detector
 PIXIE > Polar Ionospheric X-Ray Imaging Experiment
 PXRI > Pinhole X-ray Imager
 SMM-HXIS > SMM Hard X-ray Imaging Spectrometer
 SXP > SOLAR X-RAY PHOTOMETER
 SXT > Soft X-ray Telescope
 TGRS > Transient Gamma-Ray Spectrometer
 TIMAX > X-Ray Imaging Telescope
 X-RAY TELESCOPE
 XRD > X-ray Diffractometer
 XRP > X-Ray Polychromator
 XRPD > X-Ray Powder Diffractometer
 XRT > X-RAY TELESCOPE (HINODE)
 ICP-ES > INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY
 MTQ > Magnetic Torque rode
 SXI > SOLAR X-RAY IMAGER



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