A2DTEMP_ADS	A2D Temperature
A2DTEMP_LWO	A2DTemperature
A2DTEMP_RAD	A2D Temperature
A2DTEMP_RWO	A2DTemperature
ACGAIN_VXL	VCSEL AC Gain
ACINS	IRS Vertical Acceleration
ACINS_IRS2	IRS Vertical Acceleration
ACINS_IRS3	IRS Vertical Acceleration
ADC_DIS_1_A	AirTrfcCtrl Sel, Overspeed, WOW
ADC_DIS_1_A2	AirTrfcCtrl Sel, Overspeed, WOW
ADIFR	Vertical Differential Pressure, Radome
ADIFRTEMP	Temperature of ADIFR Probe
AKRD	Attack Angle, Radome Diff. Pressure
ALT	IRS Altitude
ALT_G	Avionics GPS Altitude (MSL)
ALT_G2	Avionics GPS Altitude (MSL)
ALT_IRS2	IRS Altitude
ALT_IRS3	IRS Altitude
AQRATIO	Al's Fudge Factor
ATHR1	Ambient Temperature, Deiced Right
ATHR2	Ambient Temperature, Deiced Right
ATTACK	Attack Angle, Reference
ATX	Ambient Temperature, Reference
AT_A	ADC Ambient Air Temperature
AT_A2	ADC Ambient Air Temperature
AT_VXL	VCSEL Ambient Temperature
AVGTRNS_LWOI	CDP Average Transit Time
BALT1_A	ADC Baro Altitude
BALT1_A2	ADC Baro Altitude
BALT2_A	ADC baro corrected alt #2
BALT2_A2	ADC baro corrected alt #2
BAROCOR1_A	ADC baro correction #1 mB
BAROCOR1_A2	ADC baro correction #1 mB
BAROCOR2_A	ADC baro correction #2 mB
BAROCOR2_A2	ADC baro correction #2 mB
BDIFR	Horizontal Differential Pressure, Radome
BDIFRTEMP	Temperature of BDIFR Probe
BLATA	IRS Body Latitudal Acceleration
BLATA_IRS2	IRS Body Latitudal Acceleration
BLATA_IRS3	IRS Body Latitudal Acceleration
BLONGA	IRS Body Longitudal Acceleration
BLONGA_IRS2	IRS Body Longitudal Acceleration
BLONGA_IRS3	IRS Body Longitudal Acceleration
BNORMA	IRS Body Normal Acceleration
BNORMA_IRS2	IRS Body Normal Acceleration
BNORMA_IRS3	IRS Body Normal Acceleration
CAS_A	ADC Computed Air Speed
CAS_A2	ADC Computed Air Speed
CDPLBTMP_LWOI	CDP Laser Block Temperature
CDPLSRC_LWOI	CDP Laser Current
CDPLSRP_LWOI	CDP Laser Power Monitor
CDPWBTMP_LWOI	CDP Wing Board Temperature
CH4	Picarro Methane Mixing Ratio
CL	AMS Cloride Loadings
CNTEMP	WCN Optics Temperature
CNTRCUR_VXL	VCSEL Center Current
CNTS	WCN Accumulated Particle Counts

CO2	Picarro Carbon Dioxide Mixing Ratio
CONC1DC100_LWOO	2D-C Concentration 100u and larger, Center-in (all cells)
CONC1DC150_LWOO	2D-C Concentration 150u and larger, Center-in (all cells)
CONC1DC_LWOO	2D-C Concentration, 260X Emulation (all cells)
CONC2C_LWOO	2D-C Concentration
CONCD_LWOI	CDP Concentration (all cells)
CONCN	Condensation Nuclei (CN) Concentration
CONCU100_RWOO	UHSAS Concentration, .1 micron and bigger
CONCU500_RWOO	UHSAS Concentration, .5 micron and bigger
CONCU_RWOO	UHSAS Concentration (all cells)
CONC_H2O_VXL	VCSEL Moisture Number Density
CORAW_AL	Carbon Monoxide Raw Signal
DBAR1DC_LWOO	2D-C Mean Particle Diameter, 260X Emulation
DBARD_LWOI	CDP Mean Particle Diameter
DBARU_RWOO	UHSAS Mean Particle Diameter
DBZ1DC_LWOO	2D-C Calculated Reflectivity, 260X Emulation
DBZD_LWOI	CDP Calculated Reflectivity
DISP1DC_LWOO	2D-C Dispersion, 260X Emulation (sigma/dbarx)
DISPD_LWOI	CDP Dispersion (sigma/dbarx)
DISPU_RWOO	UHSAS Dispersion (sigma/dbarx)
DPLB	Dew/Frost Point Balance, Fuselage Left
DPLC	Dew Point Temperature, T-Electric Left
DPLS	Dew/Frost Point Temperature, Fuselage Left
DPLTEC	Dew/Frost Point TEC, Fuselage Left
DPRB	Dew/Frost Point Balance, Fuselage Right
DPRC	Dew Point Temperature, T-Electric Right
DPRS	Dew/Frost Point Temperature, Fuselage Right
DPRTEC	Dew/Frost Point TEC, Fuselage Right
DPXC	Dew Point Temperature, Reference
DP_VXL	VCSEL Frost Dew Point
DRFTA	IRS Drift Angle
DRFTA_IRS2	IRS Drift Angle
DRFTA_IRS3	IRS Drift Angle
DT1DC_LWOO	Fast 2DC Probe Dead Time
EDPC	Ambient Water Vapor Pressure, Reference
ETCN	WCN Sample Time (Elapsed Time)
FCNC	WCN Sample Flow Rate
FLOW	AMS Flow Rate
FSHCN	WCN Sheath Flow Rate
FTCN	WCN Total Flow Rate
GGALT	Reference GPS Altitude (MSL)
GGALTC	Corrected GPS Altitude
GGALTC_GMN	Corrected GPS Altitude
GGALT_GMN	Reference GPS Altitude (MSL)
GGDAGE	Time in seconds since last DGPS update
GGDAGE_GMN	Time in seconds since last DGPS update
GGDAY	Reference GPS Day of month (1-31)
GGDAY_GMN	Reference GPS Day of month (1-31)
GGEOIDHT	Reference GPS Height of geoid (MSL) above WGS84 ellipsoid
GGEOIDHT_GMN	Reference GPS Height of geoid (MSL) above WGS84 ellipsoid
GGHORDIL	Reference GPS Horizontal dilution of position
GGHORDIL_GMN	Reference GPS Horizontal dilution of position
GGLAT	Reference GPS Latitude
GGLAT_GMN	Reference GPS Latitude
GGLON	Reference GPS Longitude
GGLON_GMN	Reference GPS Longitude
GGMONTH	Reference GPS Month of year (1-12)
GGMONTH_GMN	Reference GPS Month of year (1-12)
GGNSAT	Reference GPS number of satellites tracked

GGNSAT_GMN	Reference GPS number of satellites tracked
GGQUAL	Reference GPS Qual, 0=inval,1=GPS,2=DGPS
GGQUAL_GMN	Reference GPS Qual, 0=inval,1=GPS,2=DGPS
GGREFID	DGPS station ID number
GGREFID_GMN	DGPS station ID number
GGSECSDAY	Reference GPS seconds of day
GGSECSDAY_GMN	Reference GPS seconds of day
GGSPD	Reference GPS Ground Speed
GGSPD_GMN	Reference GPS Ground Speed
GGSTATUS	Reference GPS rcvr status: 1=OK(A), 0=warning(V)
GGSTATUS_GMN	Reference GPS rcvr status: 1=OK(A), 0=warning(V)
GGTRK	Reference GPS Track Angle
GGTRK_GMN	Reference GPS Track Angle
GGVEW	Reference GPS Ground Speed Vector, East Component
GGVEW_GMN	Reference GPS Ground Speed Vector, East Component
GGVNS	Reference GPS Ground Speed Vector, North Component
GGVNS_GMN	Reference GPS Ground Speed Vector, North Component
GGYEAR	Reference GPS 2 digit year
GGYEAR_GMN	Reference GPS 2 digit year
GSF	IRS Aircraft Ground Speed
GSF_G	Avionics GPS Ground Speed
GSF_G2	Avionics GPS Ground Speed
GSF_IRS2	IRS Aircraft Ground Speed
GSF_IRS3	IRS Aircraft Ground Speed
GSTAT_G	Avionics GPS Sensor Status
GSTAT_G2	Avionics GPS Sensor Status
GTIME_G	Avionics GPS UTC Measure Time
GTIME_G2	Avionics GPS UTC Measure Time
IRIG_Status_303	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Status_304	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Status_305	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Status_310	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Status_313	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Status_LWO	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Status_RWO	IRIG status: bit 0=SYNC,1=NOCODE,2=NOPPS,3=NOMAJT,4=NOYEAR,5=NOSYNC
IRIG_Tdiff_303	IRIG-UNIX clock diff
IRIG_Tdiff_304	IRIG-UNIX clock diff
IRIG_Tdiff_305	IRIG-UNIX clock diff
IRIG_Tdiff_310	IRIG-UNIX clock diff
IRIG_Tdiff_313	IRIG-UNIX clock diff
IRIG_Tdiff_LWO	IRIG-UNIX clock diff
IRIG_Tdiff_RWO	IRIG-UNIX clock diff
IWD	IRS Wind Direction
IWD_IRS2	IRS Wind Direction
IWD_IRS3	IRS Wind Direction
IWS	IRS Wind Speed
IWS_IRS2	IRS Wind Speed
IWS_IRS3	IRS Wind Speed
LAT	IRS Latitude
LATC	GPS-Corrected Inertial Latitude
LATF_G	Avionics GPS Latitude Fine
LATF_G2	Avionics GPS Latitude Fine
LAT_G	Avionics GPS Latitude
LAT_G2	Avionics GPS Latitude
LAT_IRS2	IRS Latitude
LAT_IRS3	IRS Latitude
LON	IRS Longitude
LONC	GPS-Corrected Inertial Longitude
LONF_G	Avionics GPS Longitude Fine

LONF_G2	Avionics GPS Longitude Fine
LON_G	Avionics GPS Longitude
LON_G2	Avionics GPS Longitude
LON_IRS2	IRS Longitude
LON_IRS3	IRS Longitude
LSRINT_VXL	VCSEL Averaged Laser Intensity
LSRTMP_VXL	VCSEL Laser Temperature
LTCN	WCN Live Time
MACH_A	ADC Mach Number
MACH_A2	ADC Mach Number
MCN	WCN Current Operating Mode
MODE_VXL	VCSEL Mode
MR	Mixing Ratio, T-Electric
NO3	AMS Nitrate Loadings
NOSETMP	Radome Environmental Box Temperature
ONE	Constant value of 1.
OVFLW_LWOI	CDP AtoD Converter Overflow/Overrange
PACN	WCN Absolute Pressure
PALT	NACA Pressure Altitude
PALTF	NACA Pressure Altitude
PALT_A	ADC Pressure Altitude
PALT_A2	ADC Pressure Altitude
PCAB	Interior Cabin Static Pressure
PCN	WCN Absolute Pressure
PDUMPPL	Pressure of instrument exhaust duct, left
PDUMPPR	Pressure of instrument exhaust duct, right
PITCH	IRS Aircraft Pitch Angle
PITCH_IRS2	IRS Aircraft Pitch Angle
PITCH_IRS3	IRS Aircraft Pitch Angle
PKPOS_VXL	VCSEL Peak Position
PLWC	King liquid water content
PLWC1DC_LWOO	2D-C Water/Ice Content, 260X Emulation
PLWCC	Corrected PMS-King Liquid Water Content
PLWCD_LWOI	CDP Water/Ice Content
PREGAIN_VXL	VCSEL Pre Gain
PS1_SMPS	SMPS Ambiant Pressure
PS2_SMPS	SMPS Ozone Mixing Ratio
PS3_SMPS	SMPS Ozone Mixing Ratio
PS4_SMPS	SMPS Ozone Mixing Ratio
PS5_SMPS	SMPS Ozone Mixing Ratio
PS6_SMPS	SMPS Ozone Mixing Ratio
PS7_SMPS	SMPS Ozone Mixing Ratio
PS8_SMPS	SMPS Ozone Mixing Ratio
PS9_SMPS	SMPS Ozone Mixing Ratio
PSDPL	Dewpoint cavity pressure, left
PSDPR	Dewpoint cavity pressure, right
PSF	Raw Static Pressure, Fuselage
PSFC	Corrected Static Pressure, Fuselage
PSX	Raw Static Pressure, Reference
PSXC	Corrected Static Pressure, Reference
PS_A	ADC Static Pressure
PS_A2	ADC Static Pressure
PS_VXL	VCSEL Ambient Pressure
PT_A	ADC Total Pressure
PT_A2	ADC Total Pressure
PVOLU_RWOO	UHSAS Equivalent Volume
QCF	Raw Dynamic Pressure, Fuselage
QCFC	Corrected Dynamic Pressure, Fuselage
QCFTEMP	Temperature of QCF Probe

QCR	Raw Dynamic Pressure, Radome
QCRC	Corrected Dynamic Pressure, Radome
QCRTEMP	Temperature of QCR Probe
QCX	Raw Dynamic Pressure, Reference
QCXC	Corrected Dynamic Pressure, Reference
QC_A	ADC Impact Pressure
QC_A2	ADC Impact Pressure
R	AMS Organics less than 60 Loadings
REFF2DC_LWOO	1DC Effective Radius
REFFD_LWOI	CDP Effective Radius
REJAT_LWOI	CDP Average Transit Rejected Particles
REJDOF_LWOI	CDP Particles Rejected (Outside Depth-of-Field))
RHODT	Absolute Humidity, T-Electric
RHUM	Relative Humidity
RICE	Raw Icing-Rate Indicator
ROLL	IRS Aircraft Roll Angle
ROLL_IRS2	IRS Aircraft Roll Angle
ROLL_IRS3	IRS Aircraft Roll Angle
RPCN	WCN Raw Photometric Value
RPS_LWOO	Fast 2DC Records per Second
SETTMP_VXL	VCSEL Set Temperature
SFLCN	WCN Status Flags
SHDORC_LWOO	Fast 2DC Shadow OR Count
SMPLSRINT_VXL	VCSEL Sample Laser Intensity
SO4	AMS Sulfate Loadings
SOLAZ	Solar Azimuth Angle
SOLDE	Solar Declination Angle
SOLEL	Solar Elevation Angle
SOLZE	Solar Zenith Angle
SSLIP	Sideslip Angle, Reference
SSRD	Sideslip Angle, Radome Diff. Pressure
STATUS_VXL	VCSEL Status Code
TASF	Aircraft True Airspeed, Fuselage
TASHC	Aircraft True Airspeed, Humidity Corrected
TASR	Aircraft True Airspeed, Radome
TASX	Aircraft True Airspeed, Reference
TAS_A	ADC True Air Speed
TAS_A2	ADC True Air Speed
TCAB	Cabin Temperature at ADS Rack Location
TCC_VXL	VCSEL Thermoelectric Cooler Current
TCNTD_LWOI	CDP Total Counts (all cells)
TCNTU_RWOO	UHSAS Total Counts (all cells)
TGCN	WCN Growth Tube Temperature
THDG	IRS Aircraft True Heading Angle
THDG_IRS2	IRS Aircraft True Heading Angle
THDG_IRS3	IRS Aircraft True Heading Angle
THETA	Potential Temperature
THETAE	Equivalent Potential Temperature
THETAP	Pseudo-adiabatic Equivalent Potential Temperature
THETAQ	Wet Equivalent Potential Temperature
THETAV	Virtual Potential Temperature
TKAT	IRS Aircraft Track Angle
TKAT_G	Avionics GPS Track Angle
TKAT_G2	Avionics GPS Track Angle
TKAT_IRS2	IRS Aircraft Track Angle
TKAT_IRS3	IRS Aircraft Track Angle
TSCN	WCN Saturator Temperature
TTFH1	Total Temperature, Deiced Left, Rosemount
TTFH2	Total Temperature, Deiced Left, Rosemount

TTHR1	Total Temperature, Deiced Right, HARCO
TTHR1C	Corrected Total Temperature, Deiced Right
TTHR2	Total Temperature, Deiced Right, HARCO
TTHR2C	Corrected Total Temperature, Deiced Right
TTX	Total Temperature, Reference
TT_A	ADC Total Air Temperature
TT_A2	ADC Total Air Temperature
TVIR	Virtual Temperature
Time	time of measurement
UBTMP_RWOO	UHSAS Temperature in Canister
UCURR_RWOO	UHSAS Laser Current
UDIFF_RWOO	UHSAS Absolute Pressure in Canister, signal
UFLWC_RWOO	UHSAS Corrected Flow
UI	Wind Vector, East Component
UIC	GPS-Corrected Wind Vector, East Component
UPRESS_RWOO	UHSAS Absolute Pressure in Canister
UREF_RWOO	UHSAS Reference Intensity
USCAT_RWOO	UHSAS Background Scatter
USHFLW_RWOO	UHSAS Air Sheath Flow
USMPFLW_RWOO	UHSAS Sample Flow
UTEMP_RWOO	UHSAS Temperature in Canister, signal
UX	Wind Vector, Longitudinal Component
UXC	GPS-Corrected Wind Vector, Longitudinal Component
VEW	IRS Ground Speed Vector, East Component
VEWC	GPS-Corrected Inertial Ground Speed Vector, East Component
VEW_G	Avionics GPS Ground Speed Vector, East Component
VEW_G2	Avionics GPS Ground Speed Vector, East Component
VEW_IRS2	IRS Ground Speed Vector, East Component
VEW_IRS3	IRS Ground Speed Vector, East Component
VI	Wind Vector, North Component
VIC	GPS-Corrected Wind Vector, North Component
VNS	IRS Ground Speed Vector, North Component
VNSC	GPS-Corrected Inertial Ground Speed Vector, North Component
VNS_G	Avionics GPS Ground Speed Vector, North Component
VNS_G2	Avionics GPS Ground Speed Vector, North Component
VNS_IRS2	IRS Ground Speed Vector, North Component
VNS_IRS3	IRS Ground Speed Vector, North Component
VSPD	IRS Vertical Speed
VSPD_G	Avionics GPS Vertical Velocity
VSPD_G2	Avionics GPS Vertical Velocity
VSPD_IRS2	IRS Vertical Speed
VSPD_IRS3	IRS Vertical Speed
VY	Wind Vector, Lateral Component
VYC	GPS-Corrected Wind Vector, Lateral Component
WD	Horizontal Wind Direction
WDC	GPS-Corrected Horizontal Wind Direction
WI	Wind Vector, Vertical Gust Component
WIC	GPS-Corrected Wind Vector, Vertical Gust Component
WS	Horizontal Wind Speed
WSC	GPS-Corrected Horizontal Wind Speed
XMACH2	Aircraft Mach Number Squared
ZERO	Constant value of 0.