

File: 240502.ATS.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: IntTime Dimensions: () Shape: () Data Type: int32 Units: seconds
Variable Name: Freq Dimensions: ('number_frequencies',) Shape: (109,) Data Type: float32 Units: GHz
Variable Name: Min_ATN Dimensions: ('number_frequencies',) Shape: (109,) Data Type: float32 Units: dB
Variable Name: Max_ATN Dimensions: ('number_frequencies',) Shape: (109,) Data Type: float32 Units: dB
Variable Name: RF Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: N/A
Variable Name: EIAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: degrees (-90 - 180)
Variable Name: AziAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: DEG (0 DEG - 360 DEG)
Variable Name: ATNs Dimensions: ('time', 'number_frequencies') Shape: (69988, 109) Data Type: float32 Units: dB

File: 240502.BLB.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (96,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: Min_TBs Dimensions: ('number_frequencies',) Shape: (14,) Data Type: float32 Units: K
Variable Name: Max_TBs Dimensions: ('number_frequencies',) Shape: (14,) Data Type: float32 Units: K
Variable Name: EIAngs Dimensions: ('number_scan_angles',) Shape: (11,) Data Type: float32 Units: degree (0-90)
Variable Name: AzAng Dimensions: ('time',) Shape: (96,) Data Type: float32 Units: degrees (0 - 360)
Variable Name: RF Dimensions: ('time',) Shape: (96,) Data Type: int32 Units: N/A
Variable Name: Freq Dimensions: ('number_frequencies',) Shape: (14,) Data Type: float32 Units: GHz
Variable Name: TBs Dimensions: ('time', 'number_frequencies', 'number_scan_angles') Shape: (96, 14, 11) Data Type: float32 Units: K

File: 240502.BLH.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (96,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless

Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: RF Dimensions: ('time',) Shape: (96,) Data Type: int32 Units: N/A
Variable Name: Min_BLH Dimensions: () Shape: () Data Type: float32 Units: m
Variable Name: Max_BLH Dimensions: () Shape: () Data Type: float32 Units: m
Variable Name: BLH Dimensions: ('time',) Shape: (96,) Data Type: float32 Units: m

File: 240502.BRT.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: Freq Dimensions: ('number_frequencies',) Shape: (14,) Data Type: float32 Units: GHz
Variable Name: Min_TBs Dimensions: ('number_frequencies',) Shape: (14,) Data Type: float32 Units: K
Variable Name: Max_TBs Dimensions: ('number_frequencies',) Shape: (14,) Data Type: float32 Units: K
Variable Name: RF Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: N/A
Variable Name: ElAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: degrees (-90 - 180)
Variable Name: AziAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: DEG (0 DEG - 360 DEG)
Variable Name: TBs Dimensions: ('time', 'number_frequencies') Shape: (69988, 14) Data Type: float32 Units: K

File: 240502.CMP.TPC.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (1165,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: integration_time Dimensions: () Shape: () Data Type: int32 Units: sec
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: RF Dimensions: ('time',) Shape: (1165,) Data Type: int32 Units: unitless
Variable Name: altitude Dimensions: ('altitude_layer',) Shape: (93,) Data Type: int32 Units: m
Variable Name: min_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: max_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: T_prof Dimensions: ('time', 'altitude_layer') Shape: (1165, 93) Data Type: float32 Units: K

File: 240502.DLY.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A

Variable Name: time Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: RF Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: N/A
Variable Name: ElAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: degrees (-90 - 180)
Variable Name: AziAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: DEG (0 DEG - 360 DEG)
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Min_DLY Dimensions: () Shape: () Data Type: float32 Units: mm
Variable Name: Max_DLY Dimensions: () Shape: () Data Type: float32 Units: mm
Variable Name: DLY Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: mm

File: 240502.HKD.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: EnaFI Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: AIFI Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: N/A
Variable Name: GPSLong Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: Degrees.Minutes East
Variable Name: GPSLat Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: Degrees.Minutes North
Variable Name: AT1_T Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: AT2_T Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: Rec1_T Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: Rec2_T Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: Rec1_Stab Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: Rec2_Stab Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: FreeMem Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: N/A
Variable Name: QualFI Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: unitless
Variable Name: StatFI Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: unitless

File: 240502.HPC.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (1166,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: integration_time Dimensions: () Shape: () Data Type: int32 Units: sec
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: RF Dimensions: ('time',) Shape: (1166,) Data Type: int32 Units: unitless
Variable Name: altitude Dimensions: ('altitude_layer',) Shape: (93,) Data Type: int32 Units: m

Variable Name: elevation Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (-90 - +180)
Variable Name: azimuth Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (0 - 360)
Variable Name: right_ascension Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (0 - 360)
Variable Name: declination Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (-90 - +90)
Variable Name: min_AH Dimensions: () Shape: () Data Type: float32 Units: g/m³
Variable Name: max_AH Dimensions: () Shape: () Data Type: float32 Units: g/m³
Variable Name: AH_Prof Dimensions: ('time', 'altitude_layer') Shape: (1166, 93) Data Type: float32 Units: g/m³
Variable Name: min_RH Dimensions: () Shape: () Data Type: float32 Units: %
Variable Name: max_RH Dimensions: () Shape: () Data Type: float32 Units: %
Variable Name: RH_prof Dimensions: ('time', 'altitude_layer') Shape: (1166, 93) Data Type: float32 Units: %

File: 240502.IWV.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: RF Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: N/A
Variable Name: EIAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: degrees (-90 - 180)
Variable Name: AziAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: DEG (0 DEG - 360 DEG)
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Min_IWV Dimensions: () Shape: () Data Type: float32 Units: kg / m²
Variable Name: Max_IWV Dimensions: () Shape: () Data Type: float32 Units: kg / m²
Variable Name: IWV Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: kg / m²

File: 240502.LV0.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (82547,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: GPSLong Dimensions: () Shape: () Data Type: float32 Units: Degrees.Minutes East
Variable Name: GPSLat Dimensions: () Shape: () Data Type: float32 Units: Degrees.Minutes North
Variable Name: StatAlt Dimensions: () Shape: () Data Type: float32 Units: meters above mean sea level
Variable Name: frequency Dimensions: ('frequency',) Shape: (14,) Data Type: float32 Units: GHz
Variable Name: IR_wavelengths Dimensions: ('IR_radiometers',) Shape: (1,) Data Type: float32 Units: um

Variable Name: bb_temperature Dimensions: ('time',) Shape: (82547,) Data Type: float32 Units: K
Variable Name: status_flags Dimensions: ('time',) Shape: (82547,) Data Type: int32 Units: unitless
Variable Name: env_pressure Dimensions: ('time',) Shape: (82547,) Data Type: float32 Units: hPa
Variable Name: env_temperature Dimensions: ('time',) Shape: (82547,) Data Type: float32 Units: K
Variable Name: env_RH Dimensions: ('time',) Shape: (82547,) Data Type: float32 Units: %
Variable Name: elevation_angle Dimensions: ('time',) Shape: (82547,) Data Type: float32 Units: degrees
Variable Name: azimuth_angle Dimensions: ('time',) Shape: (82547,) Data Type: float32 Units: degrees
Variable Name: IR_TBs Dimensions: ('time', 'IR_radiometers') Shape: (82547, 1) Data Type: float32 Units: C
Variable Name: DetVolts Dimensions: ('time', 'frequency') Shape: (82547, 14) Data Type: float32 Units: V
Variable Name: alpha Dimensions: ('frequency',) Shape: (14,) Data Type: float32 Units: unitless
Variable Name: DeltaT Dimensions: ('frequency',) Shape: (14,) Data Type: float32 Units: Kelvin
Variable Name: gain Dimensions: ('time', 'frequency') Shape: (82547, 14) Data Type: float32 Units: V / Radiance
Variable Name: TRec Dimensions: ('time', 'frequency') Shape: (82547, 14) Data Type: float32 Units: Radiance
Variable Name: TNoise Dimensions: ('time', 'frequency') Shape: (82547, 14) Data Type: float32 Units: Radiance

File: 240502.LWP.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: RF Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: N/A
Variable Name: EIAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: degrees (-90 - 180)
Variable Name: AziAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: DEG (0 DEG - 360 DEG)
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Min_LWP Dimensions: () Shape: () Data Type: float32 Units: g / m²
Variable Name: Max_LWP Dimensions: () Shape: () Data Type: float32 Units: g / m²
Variable Name: LWP Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: g / m²

File: 240502.MET.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: Min_P Dimensions: () Shape: () Data Type: float32 Units: hPa

Variable Name: Max_P Dimensions: () Shape: () Data Type: float32 Units: hPa
Variable Name: Surf_P Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: hPa
Variable Name: Min_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: Max_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: Surf_T Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: K
Variable Name: Min_RH Dimensions: () Shape: () Data Type: float32 Units: %
Variable Name: Max_RH Dimensions: () Shape: () Data Type: float32 Units: %
Variable Name: Surf_RH Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: %
Variable Name: RF Dimensions: ('time',) Shape: (82278,) Data Type: int32 Units: N/A
Variable Name: Min_WS Dimensions: () Shape: () Data Type: float32 Units: km/h
Variable Name: Max_WS Dimensions: () Shape: () Data Type: float32 Units: km/h
Variable Name: Surf_WS Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: km/h
Variable Name: Min_WD Dimensions: () Shape: () Data Type: float32 Units: Deg
Variable Name: Max_WD Dimensions: () Shape: () Data Type: float32 Units: Deg
Variable Name: Surf_WD Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: Deg
Variable Name: Min_RR Dimensions: () Shape: () Data Type: float32 Units: mm/h
Variable Name: maximum_Rain_Rate Dimensions: () Shape: () Data Type: float32 Units: mm/h
Variable Name: Surf_RR Dimensions: ('time',) Shape: (82278,) Data Type: float32 Units: mm/h

File: 240502.SPC.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSampCnt Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: Freq Dimensions: ('number_frequencies',) Shape: (109,) Data Type: float32 Units: GHz
Variable Name: Min_TBs Dimensions: ('number_frequencies',) Shape: (109,) Data Type: float32 Units: K
Variable Name: Max_TBs Dimensions: ('number_frequencies',) Shape: (109,) Data Type: float32 Units: K
Variable Name: RF Dimensions: ('time',) Shape: (69988,) Data Type: int32 Units: N/A
Variable Name: ElAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: degrees (-90 - 180)
Variable Name: AziAng Dimensions: ('time',) Shape: (69988,) Data Type: float32 Units: DEG (0 DEG - 360 DEG)
Variable Name: TBs Dimensions: ('time', 'number_frequencies') Shape: (69988, 109) Data Type: float32 Units: K

File: 240502.STA.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (1166,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: MinIdx Dimensions: () Shape: () Data Type: float32 Units: K

Variable Name: MaxIdx Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: EnaFl Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: IntSamp Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: RainFl Dimensions: ('time',) Shape: (1166,) Data Type: int32 Units: N/A
Variable Name: LI Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: K
Variable Name: KOI Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: K
Variable Name: TTI Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: K
Variable Name: KII Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: K
Variable Name: SHI Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: K
Variable Name: CAPE Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: K

File: 240502.TPB.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (96,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: integration_time Dimensions: () Shape: () Data Type: int32 Units: sec
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: RF Dimensions: ('time',) Shape: (96,) Data Type: int32 Units: unitless
Variable Name: altitude Dimensions: ('altitude_layer',) Shape: (93,) Data Type: int32 Units: m
Variable Name: min_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: max_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: T_prof Dimensions: ('time', 'altitude_layer') Shape: (96, 93) Data Type: float32 Units: K

File: 240502.TPC.NC

Variable Name: file_code Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: Rad_ID Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: time Dimensions: ('time',) Shape: (1166,) Data Type: int32 Units: seconds since 1.1.2001, 00:00:00
Variable Name: RSFactor Dimensions: () Shape: () Data Type: int32 Units: unitless
Variable Name: integration_time Dimensions: () Shape: () Data Type: int32 Units: sec
Variable Name: retrieval Dimensions: () Shape: () Data Type: int32 Units: N/A
Variable Name: RF Dimensions: ('time',) Shape: (1166,) Data Type: int32 Units: unitless
Variable Name: altitude Dimensions: ('altitude_layer',) Shape: (93,) Data Type: int32 Units: m
Variable Name: elevation Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (-90 - +180)
Variable Name: azimuth Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (0 - 360)
Variable Name: right_ascension Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (0 - 360)
Variable Name: declination Dimensions: ('time',) Shape: (1166,) Data Type: float32 Units: DEG (-90 - +90)
Variable Name: min_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: max_T Dimensions: () Shape: () Data Type: float32 Units: K
Variable Name: T_prof Dimensions: ('time', 'altitude_layer') Shape: (1166, 93) Data Type: float32 Units: K

