

Archive Support Data

This page contains relevant information for the understanding of the Data stored and distributed from the Solar Orbiter Archive (SOAR) pages at <http://soar.esac.esa.int/soar/>. Further detailed information on how to make use of the Solar Orbiter archive can be found at [SOAR \(Solar Orbiter Archive\) - How to Use](#).

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EPD Instrument

Understanding the data

- [EPD Data Product Description Document SO-EPD-PO-TN-0038_iss1_rev1_DPDD.pdf](#)

Calibration files

- [solo_CAL_epd-step-quicklook_20200429_V01.cdf](#)
- [solo_CAL_epd-step-nom_20200429_V01.cdf](#)
- [solo_CAL_epd-step-burst1_20200429_V01.cdf](#)
- [solo_CAL_epd-sis-a-rates_20200401_V04.cdf](#)
- [solo_CAL_epd-sis-b-rates_20200401_V04.cdf](#)
- [solo_CAL_epd-epthet2-quicklook_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet2-nom_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet2-burst3_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet2-burst2_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet2-burst1_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet1-quicklook_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet1-nom_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet1-burst3_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet1-burst2_20200512_V02.cdf](#)
- [solo_CAL_epd-epthet1-burst1_20200512_V02.cdf](#)

EUI Instrument

Caveat

An error has been detected in the SPICE kernels that is affecting certain keywords of the EUI FITs data. While the data themselves are all fine, two keywords contain wrong values: HEE(XYZ)_OBS and GSE(XYZ)_OBS. The error came from referencing one of the frames to the equator rather than the ecliptic plane, and therefore the orientation of the ecliptic plane is wrong.

If you do not use those keywords, you can ignore this caveat.

A new version of all the EUI data up to now will be produced soon. You can expect V02 data for all existing affected products.

Understanding the data

- [SP_ROB_SOEU1_19002_MetadataStandard_EUI_20201117_v1.6.pdf](#)
- [SP-ROB-SOEU1-19001-DPDD_1.6.pdf](#)

MAG Instrument

Understanding the data

- MAG User Guide [Solar Orbiter magnetometer user guide_i1.pdf](#)
- MAG Data Product Description Document [SOL-MAG-DPDD_i2r0_28Sep20.pdf](#)

Detailed reports of available data

Data Validity period	Data Release Report
April 2020	SOL-MAG-DataReleaseReport_2004_15Dec2020.pdf
June 2020	SOL-MAG-DataReleaseReport_2006_30Sep2020.pdf
July 2020	SOL-MAG-DataReleaseReport_2007_30Sep2020.pdf
August 2020	SOL-MAG-DataReleaseReport_2008_v01_5Oct2020.pdf
September 2020	SOL-MAG-DataReleaseReport_2009_v2_7Jan2021.pdf
October 2020	SOL-MAG-DataReleaseReport_2010_v1_7Jan2021.pdf
November 2020	SOL-MAG-DataReleaseReport_2011_v3_25Feb2021.pdf
December 2020	SOL-MAG-DataReleaseReport_2012_v1_24Feb2021.pdf
January 2021	SOL-MAG-DataReleaseReport_2101_v1_17Aug2021.pdf
February 2021	SOL-MAG-DataReleaseReport_2102_v1_20Aug2021.pdf
March 2021	SOL-MAG-DataReleaseReport_2103_v1_18Aug2021.pdf
April 2021	SOL-MAG-DataReleaseReport_2104_v1_18Aug2021.pdf
May 2021	SOL-MAG-DataReleaseReport_2105_v1_20Aug2021.pdf
June 2021	SOL-MAG-DataReleaseReport_2106_v1_10Sept2021.pdf
July 2021	SOL-MAG-DataReleaseReport_2107_v1_10Sept2021.pdf
August 2021	SOL-MAG-DataReleaseReport_2108_v2_29Oct2021.pdf
September 2021	SOL-MAG-DataReleaseReport_2109_v2_10Dec2021.pdf
October 2021	SOL-MAG-DataReleaseReport_2110_v1_10Dec2021.pdf
November 2021	SOL-MAG-DataReleaseReport_2111_v1_18Jan2022.pdf
December 2021	SOL-MAG-DataReleaseReport_2112_v1_15Feb2022.pdf
January 2022	SOL-MAG-DataReleaseReport_2201_v1_30Mar22.pdf
February 2022	SOL-MAG-DataReleaseReport_2202_v1_29Apr22.pdf

Calibration files

- Calibration file for Apr 15 - April 20 (2020) data [solo_CAL_mag-calibration-data_20200415-20200420_V01.cdf](#)
- Calibration file for June 2020 data [solo_CAL_mag-calibration-data_20200601-20200630_V01.cdf](#)
- Calibration file for July 2020 data [solo_CAL_mag-calibration-data_20200701-20200731_V01.cdf](#)
- Calibration file for Aug 2020 data [solo_CAL_mag-calibration-data_20200801-20200831_V01.cdf](#)
- Calibration file for Sep 2020 data [solo_CAL_mag-calibration-data_20200901-20200930_V01.cdf](#)
- Calibration file for Oct 2020 data [solo_CAL_mag-calibration-data_20201001-20201031_V01.cdf](#)
- Calibration file for Nov 2020 data [solo_CAL_mag-calibration-data_20201101-20201130_V01.cdf](#)
- Calibration file for Dec 2020 data [solo_CAL_mag-calibration-data_20201201-20201231_V01.cdf](#)
- Calibration file for Jan 2021 data [solo_CAL_mag-calibration-data_20210101-20210131_V00.cdf](#)
- Calibration file for Feb 2021 data [solo_CAL_mag-calibration-data_20210201-20210228_V00.cdf](#)
- Calibration file for Mar 2021 data [solo_CAL_mag-calibration-data_20210301-20210331_V00.cdf](#)
- Calibration file for Apr 2021 data [solo_CAL_mag-calibration-data_20210401-20210430_V00.cdf](#)
- Calibration file for May 2021 data [solo_CAL_mag-calibration-data_20210501-20210531_V00.cdf](#)
- Calibration file for June 2021 data [solo_CAL_mag-calibration-data_20210601-20210630_V00.cdf](#)
- Calibration file for July 2021 data [solo_CAL_mag-calibration-data_20210701-20210731_V00.cdf](#)
- Calibration file for August 2021 data [solo_CAL_mag-calibration-data_20210801-20210831_V00.cdf](#)
- Calibration file for September 2021 data [solo_CAL_mag-calibration-data_20210923-20210930_V00.cdf](#)
- Calibration file for October 2021 data [solo_CAL_mag-calibration-data_20211001-20211031_V00.cdf](#)
- Calibration file for November 2021 data [solo_CAL_mag-calibration-data_20211101-20211130_V00.cdf](#)
- Calibration file for December 2021 data [solo_CAL_mag-calibration-data_20211201-20211231_V00.cdf](#)
- Calibration file for January 2022 data [solo_CAL_mag-calibration-data_20220101-20220131_V00.cdf](#)
- Calibration file for February 2022 data [solo_CAL_mag-calibration-data_20220201-20220228_V00.cdf](#)

Metis Instrument

[METIS-OATO-SPE-021_2.0 Solar Orbiter Metis Data Product Description Document_20211012.pdf](#)

RPW Instrument

Understanding the data

- RPW Science Data User Manual [ROC-PRO-DAT-NTT-00130-LES_Iss01_Rev00\(RPW_Science_Data_User_Manual\).pdf](#)
- RPW Data Product Description Document [ROC-PRO-DAT-NTT-00075-LES_Iss01_Rev03_\(RPW-Data-Product-Description-Document\).pdf](#)

Calibration files

- SOLO_CAL_RPW-THR-HFR_V20200613000000.cdf
- SOLO_CAL_RPW-THR-ANT-HF_PARAMS_V20200613000000.cdf
- SOLO_CAL_RPW-TDS-SURV-SWF-E_V20200615000000.cdf
- SOLO_CAL_RPW-TDS-SURV-STAT_V20200615000000.cdf
- SOLO_CAL_RPW-TDS-SURV-MAMP_V20200615000000.cdf
- SOLO_CAL_RPW-TDS-LFM-RSWF-E_V20200512000000.cdf
- SOLO_CAL_RPW-TDS-LFM-RSWF-B_V20200512000000.cdf
- SOLO_CAL_RPW-TDS-LFM-CWF-E_V20200512000000.cdf
- SOLO_CAL_RPW-TDS-LFM-CWF-B_V20200512000000.cdf
- SOLO_CAL_RCT-LFR-BIAS_V20190123171020.cdf
- SOLO_CAL_RCT-LFR-SCM_V20190123171020.cdf
- SOLO_CAL_RCT-LFR-VHF_V20190123171020.cdf
- SOLO_CAL_RPW-BIAS_V202007031616.cdf
- SOLO_CAL_RPW-SCM_SCM-FS-MEB-PFM_V20200428000000.cdf
- SOLO_CAL_RPW-THR-TNR_V20200613000000.cdf
- SOLO_CAL_RPW-THR-TNRSA_V20200613000000.cdf
- SOLO_CAL_RPW-THR-TNRSA_V20200613000000.cdf
- SOLO_CAL_RPW-THR-HFR_V20201214000000.cdf
- SOLO_CAL_RPW-THR-ANT-HF_PARAMS_V20200613000000.cdf
- SOLO_CAL_RPW-TDS-SURV-SWF-E_V20200615000000.cdf
- SOLO_CAL_RPW-TDS-SURV-STAT_V20200615000000.cdf
- SOLO_CAL_RPW-TDS-SURV-MAMP_V20200615000000.cdf
- SOLO_CAL_RPW-TDS-LFM-RSWF-E_V20200512000000.cdf
- SOLO_CAL_RPW-TDS-LFM-RSWF-B_V20200512000000.cdf
- SOLO_CAL_RPW-TDS-LFM-CWF-E_V20200512000000.cdf
- SOLO_CAL_RPW-TDS-LFM-CWF-B_V20200512000000.cdf
- SOLO_CAL_RPW-SCM_SCM-FS-MEB-PFM_V20200428000000.cdf
- SOLO_CAL_RCT-LFR-BIAS_V20190123171020.cdf
- SOLO_CAL_RCT-LFR-SCM_V20190123171020.cdf
- SOLO_CAL_RCT-LFR-VHF_V20190123171020.cdf
- SOLO_CAL_RPW-BIAS_V202011191204.cdf

SoloHI Instrument

Understanding the Data

- [SSD-SPC-SOLOHI-011 Rev A \(RELEASED\).pdf](#)

SWA Instrument

Understanding the data

- [SWA_DPDD_version-I.pdf](#)

Caveats to use of SWA-EAS data: [SO-SWA-MSSL-TN-015_Issue1_SWA_EAS_Caveats.pdf](#)

SWA-PAS L2 Data User Guide: [PAS_L2_Data_User_Guide_20201116.pdf](#)

