Fast
Burst

MMS2 FGM_L2 GSM [nT]
IBI
B_x
B_y
B_z

MMS2_FPI Electron L2 v3.3.0 omni [eV]

MMS2_FPI Ion L2 BG_corr v3.3.0 omni [eV]

MMS2 FPI DIS 1–300eV BG_corr PA [deg]

MMS2 HPCA H+ 1–300eV PA [deg]

MMS2 HPCA L2 H^+ srvy ELEV 0–360 [eV]

MMS2 HPCA L2 He^{++} srvy ELEV 0–360 [eV]

MMS2 HPCA L2 He^+ srvy ELEV 0–360 [eV]

MMS2 HPCA L2 O^+ srvy ELEV 0–360 [eV]

eV/(cm^2 s sr eV)

MMS2 FPI_HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+

MMS2 HPCA H+ BulkV_GSM [km/s]
V_x
V_y
V_z

Sat Oct 15 06:12:35 2022

GSMX [R_E]	13.5606	13.5874	13.6141	13.6407	13.6672	13.6936	13.7199	13.7461	13.7723	13.7983	13.8243	13.8501	13.8759
GSMY [R_E]	−22.5710	−22.5803	−22.5901	−22.6003	−22.6109	−22.6218	−22.6332	−22.6449	−22.6570	−22.6694	−22.6822	−22.6954	−22.7089
GSMZ [R_E]	−7.6011	−7.5936	−7.5844	−7.5735	−7.5609	−7.5467	−7.5308	−7.5133	−7.4941	−7.4733	−7.4510	−7.4270	−7.4014
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100

2020 Apr 02

HPCA_ION v4.3.0 HPCA_MOMS v4.3.0