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 Mar 20 22:10:00 2021

GSMX [R_E]	−0.8931	−0.9252	−0.9572	−0.9892	−1.0212	−1.0531	−1.0850	−1.1169	−1.1487	−1.1804	−1.2121	−1.2438	−1.2754
GSMY [R_E]	14.5060	14.4251	14.3437	14.2617	14.1791	14.0959	14.0120	13.9274	13.8422	13.7563	13.6696	13.5822	13.4940
GSMZ [R_E]	1.8429	1.8031	1.7622	1.7202	1.6773	1.6333	1.5884	1.5425	1.4958	1.4481	1.3997	1.3504	1.3004
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100

2018 Nov 18

HPCA_ION v4.1.0, v4.1.5, v4.1.6

HPCA_MOMS v4.1.0, v4.1.5, v4.1.6