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

Thu Mar 18 23:55:50 2021

GSMX [R_E]	25.6158	25.6007	25.5855	25.5701	25.5546	25.5388	25.5228	25.5067	25.4903	25.4738	25.4571	25.4402	25.4230
GSMY [R_E]	−2.8580	−2.8528	−2.8478	−2.8431	−2.8386	−2.8343	−2.8302	−2.8262	−2.8225	−2.8189	−2.8155	−2.8123	−2.8091
GSMZ [R_E]	6.2721	6.2564	6.2406	6.2246	6.2086	6.1924	6.1761	6.1597	6.1433	6.1267	6.1100	6.0933	6.0765
hhmm	1400	1405	1410	1415	1420	1425	1430	1435	1440	1445	1450	1455	1500

2019 Feb 07

HPCA_ION v4.1.0, v4.1.3, v4.1.5 HPCA_MOMS v4.1.0, v4.1.3, v4.1.5