Fast
Burst

MMS4 FGM_L2 GSM [nT]
IBI
B_x
B_y
B_z

MMS4_FPI Electron L2 no data omni [eV]

MMS4_FPI Ion L2 BG_corr v3.3.0 omni [eV]

MMS4 HPCA H+ 1-300eV PA [deg]
eV/(cm^2 s sr eV)

MMS4 HPCA L2 H^+ srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)

MMS4 HPCA L2 He^{++} srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)

MMS4 HPCA L2 He^+ srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)

MMS4 HPCA L2 O^+ srvy ELEV 0-360 [eV]
eV/(cm^2 s sr eV)

MMS4 FPI_HPCA Number Density [cm^{-3}]
DIS_orig
DIS
H+
He++
He+
O+

MMS4 HPCA H+ BulkV_GSM [km/s]
V_x
V_y
V_z
Mon Oct 12 05:22:55 2020

GSMX [R_E]	−5.6261	−5.6635	−5.7005	−5.7370	−5.7730	−5.8086	−5.8437	−5.8784	−5.9125	−5.9462	−5.9794	−6.0121	−6.0443
GSMY [R_E]	10.2631	10.2386	10.2131	10.1867	10.1593	10.1309	10.1015	10.0712	10.0399	10.0076	9.9744	9.9402	9.9051
GSMZ [R_E]	−2.5493	−2.5457	−2.5425	−2.5398	−2.5376	−2.5358	−2.5345	−2.5336	−2.5330	−2.5329	−2.5331	−2.5336	−2.5344
hhmm	0000	0005	0010	0015	0020	0025	0030	0035	0040	0045	0050	0055	0100

2016 Aug 27

HPCA_ION v4.1.0 HPCA_MOMS v4.1.0