

Data Dictionary

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Field Name	Data Type	Description	Example
Date.UTC	character	Date (Universal Time Correlated)	2000-01-01T00:00:00
dbn_nez	float	Magnetic field north component, NEZ coordinates [nT]	-51.6
dbe_nez	float	Magnetic field east component, NEZ coordinates [nT]	-5.7
dbz_nez	float	Magnetic field vertical component, NEZ coordinates [nT]	15.0
dbn_geo	float	Magnetic field north component, geographic coordinates [nT]	-51.8
dbe_geo	float	Magnetic field east component, geographic coordinates [nT]	3.5
dbz_geo	float	Magnetic field vertical component, geographic coordinates [nT]	15.0
Extent	double	Extent of Record [seconds]	60
IAGA	character	Station Identifier	FRD
GEOLON	float	Geographic Longitude [degrees]	282.63
GEOLAT	float	Geographic Latitude [degrees]	38.2
MAGON	float	AACGM Longitude [degrees]	-2.13
MAGLAT	float	AACGM Latitude [degrees]	49.08
MLT	float	AACGM Magnetic Local Time [h]	18.70
MCOLAT	float	AACGM Colatitude [degrees]	40.92
IGRF_DECL	float	Magnetic Declination [degrees]	-10.18
SZA	float	Solar Zenith Angle [degrees]	113.02

- AACGM: Altitude adjusted corrected geomagnetic
- nT: nano tesla (a unit of magnetic flux)