

Geomagnetic Elements at Iceland – Syowa Conjugate Stations (Calculated with IGRF–2020 at 00:00 UT on January 1, 2023 at 100 km)

Station Name	CODE	Geographic Latitude (deg)	Geographic Longitude (deg)	Invariant Latitude (deg)	Magnetic Longitude (deg)	MLT at 00UT (hr)	L value	B total (nT)	Z downward (nT)	H horizontal (nT)	Declination (deg)	Inclination (deg)	Obs. Start	Obs. End
HUSAFELL	HUS	64.67	-21.03	64.96	64.79	23.15	5.58	50398.0	48833.4	12460.2	-11.62	75.69	Jul.10 1984	
TJORNES	TJO	66.20	-17.10	66.15	68.91	23.43	6.12	50544.6	49135.6	11851.2	-10.06	76.44	Sep.01 1984	
AEDEY	AED	66.09	-22.65	66.66	64.24	23.12	6.37	50756.3	49374.9	11760.9	-12.98	76.60	Aug.20 1989	Aug.16 2008
ISAFJORDUR	ISAF	66.08	-23.13	66.71	63.83	23.09	6.39	50778.0	49399.6	11750.7	-13.23	76.62	Sep.02 1984	Aug.15 1989
SYOWA	SYO	-69.00	39.58	67.00	73.71	23.75	6.55	41239.6	-37043.9	18123.4	-51.76	-63.93	Feb.17 1959	