STEP Polar Network, Magnetometer Sites August 1993

Stations	Abr.	Locations Geographic		IGRF-9303 Geomagnetic		Magnetometers /(logger)	Cooperation or support
*Eureka	(EUR)	80.0	274.1	88.6	335	F+I/(130MB)	AES,USK
*Resolute Bay	(RSB)	74.7	265.1	83.6	317	F+I/(130MB)	AES
.Upernavik	(UPV)	72.8	303.9	79.7	42.6	F+I/(42MB)	PRV
*Cambridge Bay	(CBB)	69.1	255.0	77.5	307	F+I/(130MB)	AES
*Ny Alesund	(NAL)	78.9	11.9	76.0	112.1	F+I/(130MB)	NPI,UOS
*Godhaven	(GHV)	68.6	306.4	75.5	39.9	F+I/(130MB)	DMI
*Baker Lake	(BKL)	64.3	264.0	74.3	326.2	F+I/(130MB)	AES
*Frobisher Bay	(FRB)	63.7	291.5	73.2	14.6	F+I/(130MB)	AES
*Normanwells	(NRW)	64.9	234.5	69.7	284.0	I/(130MB)	TSC
.Point Barrow	(PBR)	71.3	203.2	69.9	249.9	I/(130MB)	TSC
*Kuujjuaq	(KAQ)	58.3	291.8	68.1	13.3	F+I/(130MB)	AES
*Rabbit Lake	(RBL)	58.2	256.2	67.6	316.4	I/(130MB)	USK
*Narsarsuaq	(NAQ)	61.2	314.6	66.7	43.8	I/(130MB)	DMI
.Skibotn	(SKB)	69.3	20.8	66.1	104.8	F+I/(130MB)	UTR
.Poker Flat	(PFT)	65.1	212.5	65.3	262.9	I/(130MB)	UAK
*Schefferville	(SFV)	54.8	293.1	64.6	14.4	F+I/(130MB)	UMG
*Fort Nelson	(FTN)	58.9	237.2	64.2	291.3	F+I/(130MB)	AES,UBC
*La Ronge	(LRG)	55.2	254.6	64.4	315.2	F+I/(130MB)	NR,USK
*The Pas	(TPS)	54.0	258.9	63.9	321.7	F+I/(130MB)	AES,USK
*Whitehorse	(WHS)	60.7	224.9	63.6	277.2	F+I/(130MB)	AES
*Goose Bay	(GSB)	53.3	299.6	62.2	23.4	F+I/(130MB)	GIO
*Emma Lake	(EML)	53.6	254.1	62.7	315.0	F+I/(130MB)	USK,PRV
*Fort St. John	(FSJ)	56.2	239.1	62.3	295.0	F+I/(130MB)	UBC,TSC
*Swan River	(SWR)	52.7	258.7	62.6	321.7	I/(130MB)	CTY
*Sioux Lookout	(SXL)	50.1	268.1	61.1	335.9	I/(130MB)	CTY
*Parksite	(PKS)	52.2	252.8	61.1	313.7	F+I/(130MB)	USK
*Hornepayne	(HRP)	49.2	275.3	60.6	346.9	I/(130MB)	CTY
*Lucky Lake	(LCL)	51.0	252.9	60.0	314.2	F+I/(130MB)	PRV
*Mankota	(MKT)	49.4	252.9	58.4	314.6	F+I/(130MB)	PRV,USK
..Menisino	(MNS)	49.1	268.8	59.7	329.0	I/(130MB)	PRV
*Ottawa	(OTT)	45.4	284.3	56.6	000.1	I/(130MB)	CRC
*Vancouver	(VAN)	49.3	236.9	55.0	295.5	F/(42MB)	UBC
*St. John's	(STJ)	48.3	307.3	55.2	31.2	I/(130MB)	UNF
*Boulder	(BLD)	40.1	254.8	49.4	319.1	I/(130MB)	USGS
..Kotsubue	(KOT)	66.9	197.4	64.6	249.7		
..Nome	(NOM)	64.3	194.6	61.5	249.5		

F:Fluxgate magnetometer, I:Induction magnetometer
(130MB):130MB digital datalogger runs 1 (F & I) or 6 (F only) months/a cassette tape
-F: 14 bit in word length; 125 or 250 pT of the minimum resolution at LSB, sampling:1Hz.
-I: 12 bit (H,D components) and 8 bit of differential compression(Z), sampling:10Hz.
The minimum detection level is about 3 pT at 1Hz.

Symboles "*", "." and ".." at the leading of each station name mean in operation, in pause of operation and future plan, respectively, in August 1993.

Cooperation or supporting organizations

USK:Univ. of Saskatchewan, UBC:Univ. of British Columbia, UMG:Univ. of McGill, UNF:Memorial Univ. of Newfoundland; UAK:Univ. of Alaska; UTR:Univ. of Tromso, UOS:Univ. of Oslo; NPI:Norwegian Polar Institute; DMI:Danish Meteorological Institute, AES:Atmospheric Environment Service of Canada; TSC:Transport Canada, GIO:Goose Bay Ionospheric Observatory of Phillips Laboratories; USGS:U.S. Geological Survey, NR:Natural Resources and Recreation of Saskatchewan; CTY:City or Town Hall; PRV:Private ERL:Environmental Research Lab., NOAA

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