

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Mid-Sweden Control Points

Contest: Svenska Mästerskapena (Swedish Nationals) in 15m, Std, Open and Club classes 2009  
 Courtesy of Mats Lundqvist (MatsELundqvist@telia.com)

Dated: 29 May 2009

Magnetic Variation: +2, Datum: RT90

Time zone: MET, summer offset from GMT is 2:00 and in winter it is 1:00.

*Printed Saturday, 30 May 2009 at 14:48 GMT*

### UNOFFICIAL, USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct information.

This service is provided free of charge with no warranties, expressed or implied.

User assumes all risk of use.

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , "	<i>Longitude</i> ° , "	<i>Latitude</i> ° , "	<i>Longitude</i> ° , "	<i>Elevation</i> <i>Meters</i>	<i>Codes*</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Alkvettern väggkors	59 26 25 N	14 24 29 E	59 26,417 N	14 24,483 E		T	ALKVET	85	276
2	Ambjörby bro	60 30 34 N	13 09 04 E	60 30,567 N	13 09,067 E		T	AMBJOR	197	312
3	Arboga S-banändan	59 22 56 N	15 55 57 E	59 22,933 N	15 55,950 E		T	ARBSBN	1,8	149
4	<b>Arboga flp</b>	59 23 45 N	15 54 54 E	59 23,750 N	15 54,900 E	6	THFA	ARBOGA		
5	<i>Arboga SP 1</i>	59 23 13 N	15 54 55 E	59 23,217 N	15 54,917 E		S	ARBSP1	1,0	181
6	<i>Arboga SP 2</i>	59 25 00 N	15 54 32 E	59 25,000 N	15 54,533 E		S	ARBSP2	2,3	354
7	<i>Arboga SP 3</i>	59 24 35 N	16 01 35 E	59 24,583 N	16 01,583 E		S	ARBSP3	6,5	78
8	Arvika flp	59 40 26 N	12 38 21 E	59 40,433 N	12 38,350 E	73	TA	ARVKFP	187	283
9	Askersund ka	58 52 43 N	14 54 05 E	58 52,717 N	14 54,083 E		T	ASKERS	82	228
10	Avesta flp	60 11 02 N	16 07 10 E	60 11,033 N	16 07,167 E	98	TA	AVESFP	88	9

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	ID	Distance Km	Bearing
11	Billsbro stn	59 02 50 N	15 47 16 E	59 02,833 N	15 47,267 E		T	BILLSB	39	193
12	Bjursas ka	60 44 18 N	15 27 11 E	60 44,300 N	15 27,183 E		T	BJURSA	151	352
13	Bjurtjärn ka	59 26 42 N	14 19 45 E	59 26,700 N	14 19,750 E		T	BJURTTJ	90	276
14	Björbo bro W	60 27 20 N	14 43 55 E	60 27,333 N	14 43,917 E		T	BJORBO	135	333
15	Bo ka	58 55 38 N	15 31 06 E	58 55,633 N	15 31,100 E		T	BO KA	57	206
16	Bodas gruva	60 25 18 N	16 27 34 E	60 25,300 N	16 27,567 E		T	BODAS	118	17
17	Borlänge flp	60 25 46 N	15 29 39 E	60 25,767 N	15 29,650 E	152	TA	BORLAN	117	351
18	Brattfors ka	59 40 08 N	14 01 41 E	59 40,133 N	14 01,683 E		T	BRAT-K	111	289
19	Brattforsheden flp	59 36 39 N	13 55 38 E	59 36,650 N	13 55,633 E	180	TA	BRATTF	115	285
20	Brevensbruk vägkors	59 00 46 N	15 35 07 E	59 00,767 N	15 35,117 E		T	BREVEN	47	206
21	By ka	60 12 08 N	16 28 52 E	60 12,133 N	16 28,867 E		T	BY KA	95	21
22	Charlottenberg stn	59 53 04 N	12 18 01 E	59 53,067 N	12 18,017 E		T	CHARLO	210	289
23	Dala Floda ka	60 30 31 N	14 48 07 E	60 30,517 N	14 48,117 E		T	DALAFLL	138	336
24	Dala Järna flp	60 33 11 N	14 22 31 E	60 33,183 N	14 22,517 E	235	TA	DALAJA	155	329
25	Dalby ka	60 39 00 N	12 59 51 E	60 39,000 N	12 59,850 E		T	DALBYK	214	314
26	Degefors jvgbro	59 13 55 N	14 26 23 E	59 13,917 N	14 26,383 E		T	DEGERF	86	260
27	Djuras udde	60 33 07 N	15 08 03 E	60 33,117 N	15 08,050 E		T	DJURAS	136	344
28	Dadrans kapell	60 56 30 N	15 32 28 E	60 56,500 N	15 32,467 E		T	DADRAN	173	355
29	Ekeby flp	59 22 55 N	16 26 53 E	59 22,917 N	16 26,883 E	12	TA	EKEBY	30	95
30	Eklängens W-spets	59 14 15 N	16 45 37 E	59 14,250 N	16 45,617 E		T	EKLANG	51	112
31	Ekshärad ka	60 10 23 N	13 30 01 E	60 10,383 N	13 30,017 E		T	EKSHAR	160	306
32	Enviken vägkors	60 48 31 N	15 45 39 E	60 48,517 N	15 45,650 E		T	ENVIKE	157	359
33	Enaker ka	60 02 08 N	16 48 11 E	60 02,133 N	16 48,183 E		T	ENAKER	87	37
34	Ervalla ka	59 26 16 N	15 14 43 E	59 26,267 N	15 14,717 E		T	ERVALL	38	279
35	Fagersta jvgbro	59 59 21 N	15 48 25 E	59 59,350 N	15 48,417 E		T	FAGERS	66	357
36	Falun ka	60 36 30 N	15 38 01 E	60 36,500 N	15 38,017 E		T	FALUNK	136	356
37	Fellingsbro ka	59 27 34 N	15 34 44 E	59 27,567 N	15 34,733 E		T	FELL K	20	293
38	Fellingsbro väg/jvg	59 35 00 N	15 30 25 E	59 35,000 N	15 30,417 E		T	FELL V	31	314
39	Filippsstad stn	59 42 31 N	14 09 44 E	59 42,517 N	14 09,733 E		T	FILIPS	105	292
40	Finneböjka ka	58 55 56 N	14 25 48 E	58 55,933 N	14 25,800 E		T	FINNER	99	241
41	Finnskoga/Baeka flp	60 33 19 N	13 06 12 E	60 33,317 N	13 06,200 E	152	TA	FINNSK	203	313
42	Finspång flp	58 43 51 N	15 36 11 E	58 43,850 N	15 36,183 E	50	TA	FINSPA	76	196
43	Flen stn	59 03 34 N	16 35 55 E	59 03,567 N	16 35,917 E		T	FLEN G	54	136
44	Floda ka	59 04 03 N	16 21 54 E	59 04,050 N	16 21,900 E		T	FLODAK	45	147
45	Floda vägkors	59 03 44 N	16 23 19 E	59 03,733 N	16 23,317 E		T	FLODA	46	146
46	Fläckebo ka	59 52 31 N	16 20 50 E	59 52,517 N	16 20,833 E		T	FLACKE	59	26
47	Fornaboda travbana	59 37 52 N	15 10 24 E	59 37,867 N	15 10,400 E		T	FORNAB	49	304
48	Forssa ka	58 59 47 N	16 44 20 E	58 59,783 N	16 44,333 E		T	FORSSA	65	135
49	Forssjö bruk bro	58 57 03 N	16 17 55 E	58 57,050 N	16 17,917 E		T	FORSSJ	54	158
50	Frötuna bro	59 25 34 N	15 34 25 E	59 25,567 N	15 34,417 E		T	FROTUN	20	282

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	ID	Distance Km	Bearing
51	Frövifors bruk	59 28 52 N	15 19 44 E	59 28,867 N	15 19,733 E		T	FROVIF	34	288
52	Gagnef flp	60 33 03 N	15 04 58 E	60 33,050 N	15 04,967 E	177	TA	GAGNEF	137	343
53	Gammelbo flp	59 46 18 N	15 23 08 E	59 46,300 N	15 23,133 E	173	TA	GAMMEL	51	327
54	Garpenberg ka	60 18 57 N	16 12 26 E	60 18,950 N	16 12,433 E		T	GARPEN	104	11
55	Gillberga ka	59 18 10 N	16 23 10 E	59 18,167 N	16 23,167 E		T	GILLBE	29	113
56	Gimmen e-spets	60 35 40 N	15 17 59 E	60 35,667 N	15 17,983 E		T	GIMMEN	138	348
57	Glanshammar ka	59 19 11 N	15 24 18 E	59 19,183 N	15 24,300 E		T	GLANSH	30	256
58	Godegard ka	58 43 47 N	15 09 36 E	58 43,783 N	15 09,600 E		T	GODEGA	86	213
59	Grangärde ka	60 15 45 N	14 59 00 E	60 15,750 N	14 59,000 E		T	GRANGA	110	334
60	Grevudden s-spets	59 28 58 N	14 18 00 E	59 28,967 N	14 18,000 E		T	GREVUD	92	279
61	Grycken s-spets	60 25 48 N	16 13 50 E	60 25,800 N	16 13,833 E		T	GRYCKE	116	11
62	Grycksbo idrottsplats	60 41 19 N	15 28 38 E	60 41,317 N	15 28,633 E		T	GRYCKS	146	353
63	Grythyttan ka	59 42 22 N	14 32 20 E	59 42,367 N	14 32,333 E		T	GRYTHY	85	297
64	Grytnäs ka	60 10 05 N	16 13 27 E	60 10,083 N	16 13,450 E		T	GRYTNS	88	13
65	Gräsmark ka	59 56 49 N	12 55 08 E	59 56,817 N	12 55,133 E		T	GRASMA	179	293
66	Guldsmedshyttan ka	59 42 05 N	15 06 30 E	59 42,083 N	15 06,500 E		T	GULDSM	57	309
67	Gunnarskog ka	59 48 45 N	12 34 03 E	59 48,750 N	12 34,050 E		T	GUNNAR	194	287
68	Gunnilbo vägkors	59 48 11 N	15 50 54 E	59 48,183 N	15 50,900 E		T	GUNNIL	45	357
69	Gasborn ka	59 52 50 N	14 20 10 E	59 52,833 N	14 20,167 E		T	GASBOR	104	304
70	Götlunda ka	59 21 24 N	15 40 11 E	59 21,400 N	15 40,183 E		T	GOTLUN	15	255
71	Hagfors flp	60 01 37 N	13 35 00 E	60 01,617 N	13 35,000 E	143	TA	HAGFOR	148	301
72	Hallsberg stn	59 04 03 N	15 06 48 E	59 04,050 N	15 06,800 E		T	HALLSB	58	234
73	Hallstahammar ka	59 37 02 N	16 14 00 E	59 37,033 N	16 14,000 E		T	HLSTHM	30	38
74	Haraker ka	59 46 19 N	16 27 44 E	59 46,317 N	16 27,733 E		T	HARAKE	52	38
75	Heby ka	59 56 23 N	16 51 37 E	59 56,383 N	16 51,617 E		T	HEBYKA	80	43
76	Hed ka	59 40 54 N	15 46 08 E	59 40,900 N	15 46,133 E		T	HED KA	33	348
77	Hedemora ka	60 16 41 N	15 59 43 E	60 16,683 N	15 59,717 E		T	HEDEMO	98	5
78	Hjortkvarn stn	58 53 55 N	15 26 20 E	58 53,917 N	15 26,333 E		T	HJORTK	62	208
79	Hjulsjö ka	59 47 04 N	14 46 55 E	59 47,067 N	14 46,917 E		T	HJULSJ	77	307
80	Hova ka	58 51 34 N	14 13 14 E	58 51,567 N	14 13,233 E		T	HOVAKA	114	241
81	Huddunge ka	60 02 58 N	16 59 01 E	60 02,967 N	16 59,017 E		T	HUDDUN	94	41
82	Hällefors flp	59 52 18 N	14 25 35 E	59 52,300 N	14 25,583 E	195	TA	HALLFP	99	305
83	Hällefors väg/jvg	59 47 04 N	14 31 19 E	59 47,067 N	14 31,317 E		T	HALLEF	90	301
84	Höljes ka	60 54 00 N	12 35 46 E	60 54,000 N	12 35,767 E		T	HOLJES	248	316
85	Igelfors	58 51 00 N	15 42 00 E	58 51,000 N	15 42,000 E		T	IGELFR	62	194
86	Insjön Udde	60 41 32 N	15 06 21 E	60 41,533 N	15 06,350 E		T	INSJO	151	345
87	Iresjön NV spets	59 39 25 N	15 33 38 E	59 39,417 N	15 33,633 E		T	IRESJN	35	328
88	Johannisberg flp	59 34 32 N	16 30 13 E	59 34,533 N	16 30,217 E	9	TA	JOHANN	39	61
89	Julita ka	59 08 32 N	16 03 29 E	59 08,533 N	16 03,483 E		T	JULITK	29	166
90	Jädraas stn	60 50 35 N	16 28 16 E	60 50,583 N	16 28,267 E		T	JADRAA	164	13

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	ID	Distance Km	Bearing
91	Järbo väg/jvg	60 42 46 N	16 36 14 E	60 42,767 N	16 36,233 E		T	JARBO	151	16
92	Järnboas ka	59 38 45 N	14 54 02 E	59 38,750 N	14 54,033 E		T	JARNBO	64	298
93	Karbenning ka	60 00 32 N	16 04 51 E	60 00,533 N	16 04,850 E		T	KARBEN	69	10
94	Karlsdal ka	59 26 22 N	14 42 08 E	59 26,367 N	14 42,133 E		T	KARLSD	69	277
95	Karlskoga flp	59 20 26 N	14 29 39 E	59 20,433 N	14 29,650 E	122	TA	KARLSK	81	268
96	Katrineholms flp	59 00 56 N	16 13 30 E	59 00,933 N	16 13,500 E	40	TA	KATRIN	46	159
97	Kil ka	59 22 17 N	15 05 02 E	59 22,283 N	15 05,033 E		T	KIL KA	47	269
98	Kila ka	59 52 13 N	16 32 53 E	59 52,217 N	16 32,883 E		T	KILAKA	64	36
99	Kilsmo stn	59 03 57 N	15 32 23 E	59 03,950 N	15 32,383 E		T	KILSMO	42	212
100	Kjula flp	59 21 46 N	16 42 39 E	59 21,767 N	16 42,650 E	43	TA	KJULFP	45	96
101	Kjula ka	59 23 50 N	16 40 40 E	59 23,833 N	16 40,667 E		T	KJULAK	43	91
102	Klara bro	60 44 54 N	12 47 43 E	60 44,900 N	12 47,717 E		T	KLARBR	229	314
103	Knista ka	59 11 46 N	14 54 06 E	59 11,767 N	14 54,100 E		T	KNISTA	62	251
104	Kolsva vägkors	59 36 04 N	15 50 41 E	59 36,067 N	15 50,683 E		T	KOLSVÄ	23	352
105	Kopparberg ka	59 52 40 N	15 00 04 E	59 52,667 N	15 00,067 E		T	KOPPAR	74	319
106	Krylbo jvgbro	60 08 12 N	16 13 10 E	60 08,200 N	16 13,167 E		T	KRYLBO	84	14
107	Kumla bunkern	59 07 10 N	15 07 40 E	59 07,167 N	15 07,667 E		T	KUMLAB	54	238
108	Kumla ka	59 50 47 N	16 38 26 E	59 50,783 N	16 38,433 E		T	KUMLAK	65	41
109	Kärbo vägkors	59 52 23 N	15 39 00 E	59 52,383 N	15 39,000 E		T	KARRBO	55	346
110	Köping flp	59 31 35 N	15 58 03 E	59 31,583 N	15 58,050 E	9	TA	KOPING	15	14
111	Lakenesjön n-spets	60 00 38 N	13 28 10 E	60 00,633 N	13 28,167 E		T	LAKENE	153	300
112	Laxa flp	58 58 45 N	14 40 03 E	58 58,750 N	14 40,050 E	119	TA	LAXAFP	85	239
113	Leksand jvgbro	60 43 45 N	15 00 37 E	60 43,750 N	15 00,617 E		T	LEKSAN	157	344
114	Lerbäck ka	58 57 27 N	15 03 46 E	58 57,450 N	15 03,767 E		T	LERBAC	69	227
115	Lima ka	60 56 00 N	13 21 52 E	60 56,000 N	13 21,867 E		T	LIMAKA	222	324
116	Lindesberg ka	59 35 32 N	15 13 46 E	59 35,533 N	15 13,767 E		T	LINDES	44	302
117	Ludvika flp	60 05 17 N	15 05 48 E	60 05,283 N	15 05,800 E	271	TA	LUDVFP	90	332
118	Ludvika stn	60 09 02 N	15 11 08 E	60 09,033 N	15 11,133 E		T	LUDVST	93	336
119	Langen w-spets	60 27 28 N	16 03 26 E	60 27,467 N	16 03,433 E		T	LANGEN	118	6
120	Langtora Mal	59 45 00 N	17 08 30 E	59 45,000 N	17 08,500 E	14	FA	LANGMAL	80	62
121	Langtora Start	59 47 00 N	17 08 30 E	59 47,000 N	17 08,500 E		S	LANGSTR	81	60
122	Langtora flp	59 44 52 N	17 08 55 E	59 44,867 N	17 08,917 E	14	TA	LANGTO	80	62
123	Länås ka	59 08 51 N	15 34 58 E	59 08,850 N	15 34,967 E		T	LANNAS	33	216
124	Lövsjön vägkors	60 18 40 N	14 41 09 E	60 18,667 N	14 41,150 E		T	LOVSJO	123	329
125	Malingsbo ka	59 55 43 N	15 26 22 E	59 55,717 N	15 26,367 E		T	MALING	65	338
126	Malma ka	59 32 31 N	15 56 10 E	59 32,517 N	15 56,167 E		T	MALMAK	16	6
127	Malung flp	60 39 23 N	13 43 57 E	60 39,383 N	13 43,950 E	299	TA	MALUNG	185	322
128	Malungsfors bro	60 43 52 N	13 33 09 E	60 43,867 N	13 33,150 E		T	MALUFO	198	322
129	Mariedamm kapell	58 51 00 N	15 10 05 E	58 51,000 N	15 10,083 E		T	MARIED	74	217
130	Mellösa ka	59 05 59 N	16 33 26 E	59 05,983 N	16 33,433 E		T	MELLO	49	134

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	ID	Distance Km	Bearing
131	Morgongava stn	59 56 01 N	16 57 50 E	59 56,017 N	16 57,833 E		T	MORGON	84	46
132	Mullhyttan stn	59 09 09 N	14 42 14 E	59 09,150 N	14 42,233 E		T	MULLHY	74	251
133	Munkfors flp	59 48 10 N	13 29 50 E	59 48,167 N	13 29,833 E	85	TA	MUNKFO	143	291
134	Munkfors stn	59 50 28 N	13 32 28 E	59 50,467 N	13 32,467 E		T	MUNKST	142	293
135	Möklinta vägkors	60 05 08 N	16 32 58 E	60 05,133 N	16 32,967 E		T	MOKLIN	85	27
136	N Hörken s-spets	60 02 01 N	14 55 20 E	60 02,017 N	14 55,333 E		T	N HORK	90	324
137	Nora ka	59 31 12 N	15 02 35 E	59 31,200 N	15 02,583 E		T	NORAKA	51	288
138	Norasjön e-spets	59 31 59 N	15 05 32 E	59 31,983 N	15 05,533 E		T	NORASJ	49	291
139	Norberg flp	60 06 41 N	15 57 18 E	60 06,683 N	15 57,300 E	190	TA	NORBRG	80	4
140	Ny ka	59 43 03 N	12 28 28 E	59 43,050 N	12 28,467 E		T	NY KA	197	284
141	Nyed ka	59 35 46 N	13 44 13 E	59 35,767 N	13 44,217 E		T	NYEDKA	125	283
142	Nykroppa ka	59 37 11 N	14 18 15 E	59 37,183 N	14 18,250 E		T	NYKROP	94	288
143	Nyskoga ka	60 28 15 N	12 53 05 E	60 28,250 N	12 53,083 E		T	NYSKOG	207	309
144	Nysund ka	59 07 06 N	14 22 17 E	59 07,100 N	14 22,283 E		T	NYSUND	93	253
145	Näs bro	60 27 10 N	14 29 27 E	60 27,167 N	14 29,450 E		T	NASBRO	142	329
146	Näs bruk damm	60 10 36 N	16 28 32 E	60 10,600 N	16 28,533 E		T	NASBRU	92	22
147	Näshulta ka	59 13 39 N	16 21 06 E	59 13,650 N	16 21,100 E		T	NASHUL	31	129
148	Odensvi ka	59 35 03 N	15 59 20 E	59 35,050 N	15 59,333 E		T	ODENSV	21	13
149	Palsboda stn	59 03 52 N	15 20 40 E	59 03,867 N	15 20,667 E		T	PALSBO	49	224
150	Ramnäs ka	59 45 47 N	16 12 42 E	59 45,783 N	16 12,700 E		T	RAMN K	44	24
151	Ramnäs vägkors	59 46 19 N	16 09 28 E	59 46,317 N	16 09,467 E		T	RAMN V	44	20
152	Ramsberg ka	59 46 04 N	15 18 03 E	59 46,067 N	15 18,050 E		T	RAMSBE	54	322
153	Ransäter ka	59 46 13 N	13 27 06 E	59 46,217 N	13 27,100 E		T	RANSAT	145	290
154	Regna ka	58 53 37 N	15 41 52 E	58 53,617 N	15 41,867 E		T	REGNAK	57	195
155	Rejmyre	58 50 00 N	15 55 00 E	58 50,000 N	15 55,000 E		T	REJMYR	63	182
156	Rexbo vägkors	60 39 14 N	15 17 31 E	60 39,233 N	15 17,517 E		T	REXBO	144	348
157	Rinkaby ka	59 18 53 N	15 20 26 E	59 18,883 N	15 20,433 E		T	RINKAB	34	257
158	Rossen sw-spets	60 17 46 N	16 25 52 E	60 17,767 N	16 25,867 E		T	ROSSEN	104	18
159	Rotten Bro s-spets	59 48 51 N	13 01 42 E	59 48,850 N	13 01,700 E		T	ROTTNE	169	289
160	Ryggen östra a-mynning	60 34 48 N	16 00 06 E	60 34,800 N	16 00,100 E		T	RYGGEN	132	4
161	Råforsen bro	60 27 23 N	13 45 08 E	60 27,383 N	13 45,133 E		T	RAFORS	169	317
162	Rämmen ka	60 01 55 N	14 07 57 E	60 01,917 N	14 07,950 E		T	RAMMEN	122	308
163	Rasvallen bro s-spets	59 37 29 N	15 12 50 E	59 37,483 N	15 12,833 E		T	RASVAL	47	305
164	Rättvik ka	60 53 30 N	15 05 56 E	60 53,500 N	15 05,933 E		T	RATTVI	172	347
165	Sala flp	59 53 43 N	16 38 00 E	59 53,717 N	16 38,000 E	42	TA	SALAFP	69	38
166	Sala silo	59 56 03 N	16 37 25 E	59 56,050 N	16 37,417 E		T	SALASL	72	35
167	Siljansnäs flp	60 46 58 N	14 50 09 E	60 46,967 N	14 50,150 E	186	TA	SILJAN	165	341
168	Silvberg ka	60 21 42 N	15 30 15 E	60 21,700 N	15 30,250 E		T	SILVBE	110	350
169	Simtuna ka	59 46 25 N	16 54 15 E	59 46,417 N	16 54,250 E		T	SIMTUN	70	55
170	Skagershult ka	59 05 25 N	14 39 25 E	59 05,417 N	14 39,417 E		T	SKAGER	79	247

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171	Skedevi ka	58 56 20 N	15 53 10 E	58 56,333 N	15 53,167 E		T	SKEDEV	51	184
172	Skillingmark ka	59 49 06 N	12 01 00 E	59 49,100 N	12 01,000 E		T	SKILLI	224	286
173	Skinnskatteberg ka	59 49 48 N	15 41 14 E	59 49,800 N	15 41,233 E		T	SKINNS	50	347
174	Skultuna stn	59 43 51 N	16 26 20 E	59 43,850 N	16 26,333 E		T	SKULTU	48	40
175	Smedjebacken ka	60 08 33 N	15 25 36 E	60 08,550 N	15 25,600 E		T	SMEDJE	87	344
176	Sparreholm bro	59 04 52 N	16 50 12 E	59 04,867 N	16 50,200 E		T	SPARRE	63	125
177	St Malm ka	58 58 06 N	16 21 50 E	58 58,100 N	16 21,833 E		T	STMALM	54	154
178	St Sundby slott	59 16 14 N	16 07 47 E	59 16,233 N	16 07,783 E		T	STSUND	19	141
179	Stenby jvgbro	59 29 50 N	15 27 36 E	59 29,833 N	15 27,600 E		T	STENBY	28	296
180	Stora Skedvi Kyrkby	60 24 26 N	15 48 26 E	60 24,433 N	15 48,433 E		T	STSKDV	113	359
181	Storvik flp	60 35 09 N	16 35 10 E	60 35,150 N	16 35,167 E	64	TA	STORVI	137	17
182	Stora stn	59 43 01 N	15 08 41 E	59 43,017 N	15 08,683 E		T	STORA	56	312
183	Strömtorp stn	59 15 04 N	14 24 53 E	59 15,067 N	14 24,883 E		T	STROMT	87	262
184	Stället ka	60 24 25 N	13 16 30 E	60 24,417 N	13 16,500 E		T	STOLLE	185	311
185	Stölsjön n-spets	60 24 39 N	15 22 55 E	60 24,650 N	15 22,917 E		T	STOLLS	117	347
186	Stöngsjö	58 54 24 N	16 12 00 E	58 54,400 N	16 12,000 E		T	STONGS	57	165
187	Sundbro flp	59 55 26 N	17 32 18 E	59 55,433 N	17 32,300 E	18	TA	SUNDBR	108	59
188	Sunne flp	59 51 34 N	13 06 50 E	59 51,567 N	13 06,833 E	116	TA	SUNNE	166	291
189	Sunnemo ka	59 53 08 N	13 43 23 E	59 53,133 N	13 43,383 E		T	SUNNEM	135	297
190	Sura ka	59 42 25 N	16 12 00 E	59 42,417 N	16 12,000 E		T	SURAKA	38	27
191	Svennevad ka	59 01 11 N	15 22 55 E	59 01,183 N	15 22,917 E		T	SVENNE	52	218
192	Svärdsjö ka	60 45 09 N	15 55 29 E	60 45,150 N	15 55,483 E		T	SVARDS	151	2
193	Svärdsjön n-spets	60 47 14 N	15 53 44 E	60 47,233 N	15 53,733 E		T	SVARSJ	155	2
194	Södertjärne ka	60 04 32 N	15 34 02 E	60 04,533 N	15 34,033 E		T	SODERB	78	348
195	Tierp flp	60 17 18 N	17 25 55 E	60 17,300 N	17 25,917 E	34	TA	TIERP	130	42
196	Tisaren n-spets	59 01 27 N	15 12 38 E	59 01,450 N	15 12,633 E		T	TISARE	58	226
197	Tived ka	58 46 09 N	14 31 56 E	58 46,150 N	14 31,933 E		T	TIVEDK	105	231
198	Tjällmo ka	58 42 57 N	15 21 15 E	58 42,950 N	15 21,250 E		T	TJALMK	82	205
199	Torpa ka	59 25 20 N	16 11 21 E	59 25,333 N	16 11,350 E		T	TORPAK	16	81
200	Torsby flp	60 09 21 N	12 59 54 E	60 09,350 N	12 59,900 E	119	TA	TORSBY	184	301
201	Torsåker ka	60 30 35 N	16 28 25 E	60 30,583 N	16 28,417 E		T	TORSAK	128	16
202	Torsång ka	60 27 53 N	15 34 22 E	60 27,883 N	15 34,367 E		T	TORSAN	120	353
203	Trehörningen s-spets	59 28 20 N	14 36 50 E	59 28,333 N	14 36,833 E		T	TREHOR	74	279
204	Tärna ka	59 49 20 N	16 44 55 E	59 49,333 N	16 44,917 E		T	TARNAK	67	46
205	Tärnsjö ka	60 09 16 N	16 55 22 E	60 09,267 N	16 55,367 E		T	TARNSJ	101	35
206	Unden nw-spets	58 49 03 N	14 21 34 E	58 49,050 N	14 21,567 E		T	UNDEN	110	237
207	V Skedvi ka	59 34 35 N	15 41 34 E	59 34,583 N	15 41,567 E		T	VSKEDV	24	330
208	V Vingaker ka	59 03 12 N	15 52 53 E	59 03,200 N	15 52,883 E		T	VVINGA	38	185
209	Valskog stn	59 26 34 N	15 57 11 E	59 26,567 N	15 57,183 E		T	VALSKO	5,6	24
210	Vasselhyttan väg/jvg	59 44 49 N	15 08 40 E	59 44,817 N	15 08,667 E		T	VASSEL	58	314

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	ID	Distance Km	Bearing
211	Vendel ka	60 09 52 N	17 36 15 E	60 09,867 N	17 36,250 E		T	VENDEL	127	49
212	Viker ka	59 27 27 N	14 53 39 E	59 27,450 N	14 53,650 E		T	VIKERK	58	279
213	Vikern Saxen bro	59 30 25 N	14 53 52 E	59 30,417 N	14 53,867 E		T	VIKERN	59	285
214	Vintrosa ka	59 14 17 N	14 59 37 E	59 14,283 N	14 59,617 E		T	VINTRO	55	254
215	Virsbo bruk bro	59 52 03 N	16 02 55 E	59 52,050 N	16 02,917 E		T	VIRSBO	53	10
216	Vägsjöfors bro	60 17 22 N	13 03 03 E	60 17,367 N	13 03,050 E		T	VAGSJO	188	305
217	Vängsö flp	59 06 07 N	17 12 54 E	59 06,117 N	17 12,900 E	18	TA	VANGSO	81	115
218	Västerfärnebo ka	59 56 43 N	16 16 55 E	59 56,717 N	16 16,917 E		T	VASTER	64	20
219	Yttermalung ka	60 34 40 N	13 49 27 E	60 34,667 N	13 49,450 E		T	Y-MALU	175	321
220	Zinkgruvan Torn	58 48 45 N	15 06 00 E	58 48,750 N	15 06,000 E		T	ZINKGR	80	218
221	Algaras ka	58 48 04 N	14 15 35 E	58 48,067 N	14 15,583 E		T	ALGARA	115	238
222	Appelbo ka	60 29 34 N	13 58 19 E	60 29,567 N	13 58,317 E		T	APPELB	163	321
223	Ås vägkors	59 09 22 N	16 06 45 E	59 09,367 N	16 06,750 E		T	ASVGKR	29	159
224	Åstrand bro	60 17 24 N	13 23 51 E	60 17,400 N	13 23,850 E		T	ASTRAN	172	308
225	O Vingaker ka	58 58 09 N	16 06 56 E	58 58,150 N	16 06,933 E		T	O VING	49	168
226	Odeby ka	59 24 24 N	15 25 10 E	59 24,400 N	15 25,167 E		T	ODEBYK	28	275
227	Oja ka	59 17 13 N	16 09 45 E	59 17,217 N	16 09,750 E		T	OJA KA	19	133
228	Oje ka	60 48 40 N	13 51 46 E	60 48,667 N	13 51,767 E		T	OJE KA	194	327
229	Oljaren Granudden	59 06 40 N	16 02 10 E	59 06,667 N	16 02,167 E		T	OLJARE	32	170
230	Orebro flp	59 13 43 N	15 03 12 E	59 13,717 N	15 03,200 E	58	TA	OREBRO	52	252
231	Osterfärnebo ka	60 18 10 N	16 47 51 E	60 18,167 N	16 47,850 E		T	OSTERF	112	28
232	Ostersjön bro NW	59 37 25 N	14 15 51 E	59 37,417 N	14 15,850 E		T	OSTERS	97	288
233	Ostmark ka	60 16 46 N	12 45 56 E	60 16,767 N	12 45,933 E		T	OSTMAR	202	303

**Codes\***

A : Airport  
F : Finish Point  
H : Home airport  
S : Start Point  
T : Turnpoint