

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Kägiswil, Switzerland Control Points

Contest: Junioren Schweizermeisterschaft, 2009  
 Courtesy of Daniel Hirschi ( webmaster@sgow.ch )

Dated: 23 April, 2009

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

Segelfluggruppe Obwalden

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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> METERS	<i>Codes*</i>	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> Km	<i>Bearing</i>
1	<i>AP West</i>	46 53 40 N	8 08 43 E	46 53.667 N	8 08.717 E	1614	S		Alt ernkt	8.3	260
2	<i>AP Ost</i>	46 52 31 N	8 19 59 E	46 52.517 N	8 19.983 E	1868	S	Startlinie Ost	02APOST	7.0	120
3	Guber	46 55 54 N	8 14 01 E	46 55.900 N	8 14.017 E	883	T		03GUBER	3.1	331
4	Zollhaus	46 50 53 N	8 12 20 E	46 50.883 N	8 12.333 E	527	T		04ZOLLHA	7.5	209
5	Bürgenstock	46 59 46 N	8 22 43 E	46 59.767 N	8 22.717 E	874	T		05BUEOCK	14	44

Number	Name	Latitude ° , ' , "	Longitude ° , ' , "	Latitude ° , ' , "	Longitude ° , ' , "	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
6	Sörenberg	46 49 29 N	8 02 00 E	46 49.483 N	8 02.000 E	1170	T		06SORENB	19	241
7	Brünig	46 46 24 N	8 08 29 E	46 46.400 N	8 08.483 E	1008	T		07BRUNIG	17	210
8	Napf	47 00 19 N	7 56 24 E	47 00.317 N	7 56.400 E	1410	T		08NAPF	26	295
9	Rigi	47 03 40 N	8 26 40 E	47 03.667 N	8 26.667 E	1014	T		09RIGI	22	40
10	Willisau	47 07 20 N	7 59 50 E	47 07.333 N	7 59.833 E	555	T		10WILSAU	31	321
11	Susten	46 43 44 N	8 26 51 E	46 43.733 N	8 26.850 E	2225	T		11SUSTEN	25	143
12	Beromünster	47 12 02 N	8 10 17 E	47 12.033 N	8 10.283 E	693	T		12BERTER	33	349
13	Langnau	46 56 22 N	7 47 20 E	46 56.367 N	7 47.333 E	710	T		13LANGN	35	276
14	Rossherg	47 05 07 N	8 34 42 E	47 05.117 N	8 34.700 E	1580	T		14ROSERG	32	51
15	Eggberge	46 54 10 N	8 38 57 E	46 54.167 N	8 38.950 E	1440	T		15EGGRGE	30	91
16	Zugerberg	47 08 42 N	8 32 03 E	47 08.700 N	8 32.050 E	925	T		16ZUGERG	34	39
17	Huttwil	47 06 53 N	7 50 36 E	47 06.883 N	7 50.600 E	638	T		17HUTWIL	39	307
18	Unterägeri	47 08 14 N	8 35 04 E	47 08.233 N	8 35.067 E	727	T		18UNTERI	36	44
19	Schynigeplatte	46 39 08 N	7 54 41 E	46 39.133 N	7 54.683 E	1967	T		19SCHTTE	38	223
20	Grimmel	46 34 24 N	8 20 02 E	46 34.400 N	8 20.033 E	2170	T		20GRISEL	38	171
21	Niederhorn	46 42 45 N	7 46 33 E	46 42.750 N	7 46.550 E	1950	T		21NIEORN	42	239
22	Muri	47 16 35 N	8 20 23 E	47 16.583 N	8 20.383 E	458	T		22MURI	42	9
23	Ibergeregg	47 01 04 N	8 43 58 E	47 01.067 N	8 43.967 E	1406	T		23IBEEGG	38	71
24	Furka	46 34 26 N	8 25 00 E	46 34.433 N	8 25.000 E	2435	T		24FURKA	39	161
25	Muotathal	46 58 25 N	8 46 26 E	46 58.417 N	8 46.433 E	624	T		25MUOHAL	40	79
26	Oberalp	46 39 36 N	8 40 19 E	46 39.600 N	8 40.317 E	2045	T		26OBEALP	42	131
27	Burghdorf	47 03 38 N	7 37 17 E	47 03.633 N	7 37.283 E	530	T		27BURORF	51	290
28	Münster	46 28 54 N	8 15 50 E	46 28.900 N	8 15.833 E	1510	TA		28MUNTER	47	179
29	Klausenpass	46 52 08 N	8 51 18 E	46 52.133 N	8 51.300 E	1950	T		29KLAASS	46	95
30	Gotthard	46 32 55 N	8 34 42 E	46 32.917 N	8 34.700 E	2110	T		30GOTARD	47	148
31	Pragel	46 59 51 N	8 52 06 E	46 59.850 N	8 52.100 E	1550	T		31PRAGEL	48	78
32	Nufenen	46 28 31 N	8 23 20 E	46 28.517 N	8 23.333 E	2480	T		32NUFNEN	49	168
33	Niesen	46 38 45 N	7 39 10 E	46 38.750 N	7 39.167 E	2370	T		33NIESEN	54	238
34	Wägitalersee	47 06 10 N	8 54 25 E	47 06.167 N	8 54.417 E	931	T		34WAESEE	54	66
35	Stockhorn	46 41 41 N	7 32 20 E	46 41.683 N	7 32.333 E	2200	T		35STOORN	59	247
36	Balstal	47 18 48 N	7 41 40 E	47 18.800 N	7 41.667 E	492	T		36BALTAL	62	317
37	Luksmanier	46 33 51 N	8 48 10 E	46 33.850 N	8 48.167 E	2000	T		37LUKIER	57	132
38	Klöntalersee	47 02 05 N	9 00 21 E	47 02.083 N	9 00.350 E	850	T		38KLOSEE	59	76
39	Riederalp	46 22 43 N	8 01 47 E	46 22.717 N	8 01.783 E	2000	T		39RIERAL	61	196
40	Brigels	46 46 09 N	9 03 43 E	46 46.150 N	9 03.717 E	1287	T		40BRIELS	63	104
41	Elm	46 55 07 N	9 10 19 E	46 55.117 N	9 10.317 E	977	T		41ELM	70	89
42	Amden	47 08 47 N	9 08 27 E	47 08.783 N	9 08.450 E	935	T		42AMDEN	72	68
43	Hahnenmoos	46 27 14 N	7 29 44 E	46 27.233 N	7 29.733 E	2000	T		43HAHOOS	77	229
44	Leukerba	46 22 28 N	7 37 28 E	46 22.467 N	7 37.467 E	1400	T		44LEURBA	76	219
45	Jaunpass	46 35 33 N	7 20 21 E	46 35.550 N	7 20.350 E	1510	T		45JAUASS	78	244
46	Crap Sogn Gion	46 50 06 N	9 13 00 E	46 50.100 N	9 13.000 E	2213	T		46CRAION	74	96
47	Riseten	46 58 44 N	9 14 49 E	46 58.733 N	9 14.817 E	2190	T		47RISTEN	76	84
48	Vals	46 37 03 N	9 10 52 E	46 37.050 N	9 10.867 E	1252	T		48VALS	78	114
49	Rellerli	46 30 54 N	7 15 46 E	46 30.900 N	7 15.767 E	1720	T		49RELRLI	87	240
50	Ecuwillens	46 45 18 N	7 04 34 E	46 45.300 N	7 04.567 E	637	TA		50ECUENS	91	260

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
51	Chasseral	47 07 10 N	7 01 55 E	47 07.167 N	7 01.917 E	1505	T		51CHARAL	96	285
52	Gnyères	46 35 44 N	7 05 42 E	46 35.733 N	7 05.700 E	690	TA		52GRURES	95	249
53	Vättis	46 54 36 N	9 26 30 E	46 54.600 N	9 26.500 E	943	T		53VAETIS	90	89
54	Sanetsch	46 22 00 N	7 17 10 E	46 22.000 N	7 17.167 E	2200	T		54SANSCH	95	231
55	Sargans	47 03 01 N	9 26 06 E	47 03.017 N	9 26.100 E	504	T		55SARANS	91	80
56	Splügen	46 30 18 N	9 19 51 E	46 30.300 N	9 19.850 E	2115	T		56PLGEN	94	118
57	Pillon	46 21 10 N	7 12 13 E	46 21.167 N	7 12.217 E	1600	T		52PILLON	101	233
58	Andeer	46 35 37 N	9 25 42 E	46 35.617 N	9 25.700 E	1047	T		58ANDEER	96	111
59	Rossmier	46 27 58 N	7 04 02 E	46 27.967 N	7 04.033 E	860	T		59ROSIER	103	242
60	Chandolin	46 14 56 N	7 19 11 E	46 14.933 N	7 19.183 E	820	T		60CHALIN	102	225
61	Derborence	46 16 52 N	7 12 59 E	46 16.867 N	7 12.983 E	1450	T		61DERNCE	105	229
62	Hongrin	46 25 38 N	7 02 29 E	46 25.633 N	7 02.483 E	1255	T		62HONRIN	107	240
63	Schwarzsee	45 59 32 N	7 42 27 E	45 59.533 N	7 42.450 E	2600	T		63SCHSEE	110	203
64	Dixance	46 04 54 N	7 24 15 E	46 04.900 N	7 24.250 E	2365	T		64DIXNCE	112	216
65	Marmorera	46 30 05 N	9 37 43 E	46 30.083 N	9 37.717 E	1680	T		65MARERA	114	113
66	Linersee	47 03 40 N	9 45 34 E	47 03.667 N	9 45.567 E	1970	T		66LUESEE	116	81
67	Verbier	46 05 43 N	7 13 13 E	46 05.717 N	7 13.217 E	1400	T		67VERIER	120	222
68	Fully	46 10 02 N	7 05 15 E	46 10.033 N	7 05.250 E	2050	T		68FULLY	121	228
69	Mauvasin	45 59 34 N	7 21 00 E	45 59.567 N	7 21.000 E	2000	T		69MAUSIN	123	215
70	Davos	46 47 33 N	9 49 17 E	46 47.550 N	9 49.283 E	1560	T		70DAVOS	120	96
71	Col Forcla	46 03 17 N	7 00 04 E	46 03.283 N	7 00.067 E	1530	T		71C.FCLA	135	226
72	Gr. St. Bernard Tunnel	45 53 59 N	7 11 39 E	45 53.983 N	7 11.650 E	2000	T		72GRSNEL	138	216
73	Susch	46 46 00 N	10 04 00 E	46 46.000 N	10 04.000 E	1440	T		73SUSCH	139	96
74	Bernina	46 24 40 N	10 01 28 E	46 24.667 N	10 01.467 E	2310	T		74BERINA	146	112
75	Brevent	45 56 03 N	6 50 11 E	45 56.050 N	6 50.183 E	2525	T		75BREENT	153	226
76	Arlberg	47 07 54 N	10 12 36 E	47 07.900 N	10 12.600 E	1795	T		76ARLERG	150	80
77	Stanton	47 07 53 N	10 16 10 E	47 07.883 N	10 16.167 E	1278	T		77STATON	155	80
78	Ofenpass	46 38 22 N	10 17 34 E	46 38.367 N	10 17.567 E	2149	T		78OFEASS	158	100
79	<b>Ziel Kägiswil</b>	46 54 26 N	8 15 11 E	46 54.433 N	8 15.183 E	465	HFA	Ziellinie	79ZIEWIL		

**Codes\***

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