

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Gruyères, Switzerland Control Points

Courtesy of Pierre-Alain Desmeules (crvvgruyere@gmail.com)

Dated: 18 April 2016

Magnetic Variation: 1.0E

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

Printed Sunday, 24 April 2016 at 21:40 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> METERS	<i>Codes</i> *	<i>Distance</i> Km	<i>Bearing</i>
0	<i>Arrivée 17</i>	46 35 52 N	7 05 36 E	46 35.867 N	7 05.600 E	695	FA	0.4	349
0	<i>Arrivée 35</i>	46 35 25 N	7 05 42 E	46 35.417 N	7 05.700 E	700	FA	0.4	175
1	Gruyères Château	46 35 06 N	7 05 03 E	46 35.100 N	7 05.050 E	835	T	1.3	219
2	Bulle	46 37 05 N	7 03 13 E	46 37.083 N	7 03.217 E	700	T	4.1	311
3	Charmey	46 37 11 N	7 09 51 E	46 37.183 N	7 09.850 E	887	T	6.0	63
4	Vounetse	46 37 35 N	7 12 31 E	46 37.583 N	7 12.517 E	1650	T	9.4	69
6	Roche	46 21 45 N	6 55 43 E	46 21.750 N	6 55.717 E	399.9	T	29	207
7	Dorenaz	46 09 36 N	7 02 30 E	46 09.600 N	7 02.500 E	447.1	LT	48	186
9	Bex	46 15 30 N	6 59 11 E	46 15.500 N	6 59.183 E	399	AT	38	194
10	Croix Col	46 19 22 N	7 07 18 E	46 19.367 N	7 07.300 E	1770.9	T	30	177
11	Pas de Cheville	46 17 04 N	7 10 48 E	46 17.067 N	7 10.800 E	2044	T	35	170
12	Sanetsch	46 19 51 N	7 17 11 E	46 19.850 N	7 17.183 E	2251.9	T	33	154
13	Pillon Col	46 21 04 N	7 12 12 E	46 21.067 N	7 12.200 E	1545.9	T	28	164
14	Mosses Col	46 23 58 N	7 06 10 E	46 23.967 N	7 06.167 E	1445.1	T	22	179
15	Rawilpass	46 22 57 N	7 26 32 E	46 22.950 N	7 26.533 E	2420.1	T	36	132

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16	Gemmi	46 23 48 N	7 36 51 E	46 23.800 N	7 36.850 E	2314	T	45	120
17	Lötschenlücke	46 28 29 N	7 57 38 E	46 28.483 N	7 57.633 E	3178.1	T	68	102
18	Grimsel	46 33 38 N	8 20 12 E	46 33.633 N	8 20.200 E	2165	T	95	93
19	Furkapass	46 34 22 N	8 24 55 E	46 34.367 N	8 24.917 E	2478.9	T	101	92
20	Nufenenpass	46 28 35 N	8 23 15 E	46 28.583 N	8 23.250 E	2478	T	100	98
21	Albrun Col	46 22 13 N	8 17 45 E	46 22.217 N	8 17.750 E	2409.1	T	95	106
22	Susten	46 43 44 N	8 26 51 E	46 43.733 N	8 26.850 E	2224.1	T	104	82
23	Jaun	46 35 45 N	7 20 33 E	46 35.750 N	7 20.550 E	1509.1	T	19	90
24	Cou Col	46 08 58 N	6 47 36 E	46 08.967 N	6 47.600 E	1920.8	T	55	206
25	Sager	46 07 34 N	6 51 28 E	46 07.567 N	6 51.467 E	2395.1	T	55	200
26	Forclaz Col	46 03 20 N	7 00 01 E	46 03.333 N	7 00.017 E	1526.1	T	60	188
27	Balme Col	46 01 33 N	6 58 12 E	46 01.550 N	6 58.200 E	2204	T	64	190
28	Montets Col	46 00 16 N	6 55 21 E	46 00.267 N	6 55.350 E	1460.9	T	67	192
29	Voze Col	45 52 34 N	6 45 40 E	45 52.567 N	6 45.667 E	1652.9	T	84	199
30	Bonhomme Col	45 44 09 N	6 42 26 E	45 44.150 N	6 42.433 E	2329	T	100	198
31	Seigno Col	45 45 03 N	6 48 24 E	45 45.050 N	6 48.400 E	2516.1	T	96	194
32	Ferret Col	45 53 17 N	7 04 40 E	45 53.283 N	7 04.667 E	2536.9	T	79	182
33	St Bernhard	45 52 06 N	7 10 15 E	45 52.100 N	7 10.250 E	2468.9	T	81	177
34	Theodule Col	45 56 36 N	7 42 32 E	45 56.600 N	7 42.533 E	3317.1	T	86	148
35	Petit St Bernard Col	45 40 43 N	6 53 00 E	45 40.717 N	6 53.000 E	2187.9	T	103	190
36	Roselend Col	45 41 38 N	6 40 05 E	45 41.633 N	6 40.083 E	1968.1	T	105	199
100	Chamonix	46 19 41 N	7 03 42 E	46 19.683 N	7 03.700 E	1804.1	T	30	186
101	Sépey	46 21 21 N	7 02 30 E	46 21.350 N	7 02.500 E	1032.1	T	27	190
102	Comballaz	46 22 38 N	7 04 56 E	46 22.633 N	7 04.933 E	1343.9	T	24	183
103	Hongrin	46 25 33 N	7 02 42 E	46 25.550 N	7 02.700 E	1282	T	19	192
104	Rossinière	46 28 03 N	7 04 58 E	46 28.050 N	7 04.967 E	917.1	T	14	185
105	Chateau d'Oex	46 28 29 N	7 07 57 E	46 28.483 N	7 07.950 E	965.9	T	14	169
106	Paccots	46 31 19 N	6 56 55 E	46 31.317 N	6 56.917 E	1076.9	T	14	235
107	Chatel St Denis	46 31 39 N	6 53 55 E	46 31.650 N	6 53.917 E	823.9	T	17	245
112	Jaun	46 36 41 N	7 16 32 E	46 36.683 N	7 16.533 E	1022	T	14	83
113	Saanen	46 29 11 N	7 14 55 E	46 29.183 N	7 14.917 E	1008.9	AT	17	136
114	Arnensee	46 23 16 N	7 13 02 E	46 23.267 N	7 13.033 E	1542	T	25	159
115	Zweisimmen	46 33 08 N	7 22 51 E	46 33.133 N	7 22.850 E	933.9	TA	22	103
116	St Stephan	46 30 03 N	7 24 37 E	46 30.050 N	7 24.617 E	1008	AT	26	114
117	Hahnenmoos	46 27 11 N	7 29 43 E	46 27.183 N	7 29.717 E	1943.1	T	34	118
118	Adelboden	46 29 37 N	7 33 40 E	46 29.617 N	7 33.667 E	1348.1	T	37	108
119	Oeschinensee	46 29 55 N	7 43 39 E	46 29.917 N	7 43.650 E	1577.9	T	50	103
120	Frutigen	46 35 19 N	7 39 24 E	46 35.317 N	7 39.400 E	772.1	AT	43	92
121	Reichenbach	46 36 47 N	7 40 41 E	46 36.783 N	7 40.683 E	719.9	AT	45	88
122	Boltigen	46 37 39 N	7 23 25 E	46 37.650 N	7 23.417 E	819	T	23	82
123	Nidfloh	46 39 58 N	7 30 40 E	46 39.967 N	7 30.667 E	1058	T	33	77

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124	Brodhüsi	46 40 43 N	7 37 48 E	46 40.717 N	7 37.800 E	702	T	42	78
125	Schilthorn	46 33 26 N	7 50 07 E	46 33.433 N	7 50.117 E	2927	T	57	95
126	Interlaken	46 40 36 N	7 52 45 E	46 40.600 N	7 52.750 E	576.1	AT	61	82
127	Gurnigel	46 43 21 N	7 26 44 E	46 43.350 N	7 26.733 E	1562.1	T	30	63
128	Zollhaus	46 42 49 N	7 18 36 E	46 42.817 N	7 18.600 E	901	T	21	52
200	Martigny	46 06 24 N	7 04 54 E	46 06.400 N	7 04.900 E	399.9	T	54	182
201	Charrat	46 07 04 N	7 07 26 E	46 07.067 N	7 07.433 E	459	LT	53	179
202	Fully	46 08 21 N	7 06 54 E	46 08.350 N	7 06.900 E	495.9	T	51	179
203	Ovronnaz	46 11 54 N	7 10 27 E	46 11.900 N	7 10.450 E	1288.1	T	44	173
204	Chandolin	46 14 54 N	7 19 10 E	46 14.900 N	7 19.167 E	818.1	T	42	157
205	Arbaz	46 16 24 N	7 23 03 E	46 16.400 N	7 23.050 E	1145.1	T	42	149
206	Montana Bella Lui	46 20 32 N	7 29 36 E	46 20.533 N	7 29.600 E	2548.1	T	41	133
207	Crête Longue	46 15 54 N	7 29 18 E	46 15.900 N	7 29.300 E	506.9	LT	47	141
208	Finges	46 18 02 N	7 36 12 E	46 18.033 N	7 36.200 E	565.1	LT	51	131
209	Leukerbad	46 22 50 N	7 37 48 E	46 22.833 N	7 37.800 E	1403.9	T	47	121
210	Turtmann	46 18 09 N	7 42 50 E	46 18.150 N	7 42.833 E	625.1	AT	57	125
211	Raron	46 18 07 N	7 49 59 E	46 18.117 N	7 49.983 E	637.9	AT	65	121
213	Blatten	46 25 14 N	7 49 11 E	46 25.233 N	7 49.183 E	1538	T	59	110
214	Visp	46 17 45 N	7 52 50 E	46 17.750 N	7 52.833 E	650.1	T	69	120
215	Brig	46 19 11 N	7 59 14 E	46 19.183 N	7 59.233 E	700.1	T	75	115
216	Riederalp	46 22 36 N	8 01 33 E	46 22.600 N	8 01.550 E	1902.9	T	75	109
217	Kühboden	46 24 43 N	8 06 11 E	46 24.717 N	8 06.183 E	2178.1	T	80	105
218	Münster	46 28 49 N	8 15 48 E	46 28.817 N	8 15.800 E	1350	AT	90	99
219	Ulrichen	46 30 12 N	8 18 13 E	46 30.200 N	8 18.217 E	1339.9	AT	93	97
220	Oberwald	46 31 53 N	8 20 35 E	46 31.883 N	8 20.583 E	1366.1	T	96	95
221	Gletsch	46 33 06 N	8 21 45 E	46 33.100 N	8 21.750 E	1759.9	T	97	93
222	Andermatt	46 37 42 N	8 35 07 E	46 37.700 N	8 35.117 E	1449.9	LT	114	89
223	Lucendro Lago di	46 33 53 N	8 33 03 E	46 33.883 N	8 33.050 E	2133.9	T	111	92
224	Binn	46 21 55 N	8 11 06 E	46 21.917 N	8 11.100 E	1399.9	T	87	108
225	Grächen	46 11 47 N	7 50 25 E	46 11.783 N	7 50.417 E	1597.2	T	72	128
226	Zermatt	46 01 26 N	7 45 02 E	46 01.433 N	7 45.033 E	1605.1	T	81	142
227	Dixance	46 04 50 N	7 24 12 E	46 04.833 N	7 24.200 E	2340.9	T	62	158
228	Verbier	46 05 43 N	7 13 13 E	46 05.717 N	7 13.217 E	1399.9	T	56	171
229	Lein Col	46 06 37 N	7 09 34 E	46 06.617 N	7 09.567 E	1623.1	T	54	176
230	Champex	46 01 54 N	7 07 00 E	46 01.900 N	7 07.000 E	1466.1	T	63	179
231	Fouly	45 55 57 N	7 05 53 E	45 55.950 N	7 05.883 E	1617.9	T	74	181
300	Argentière	45 59 00 N	6 55 45 E	45 59.000 N	6 55.750 E	1001	T	69	192
301	Praz	45 56 42 N	6 53 26 E	45 56.700 N	6 53.433 E	1090	LT	74	193
302	Chamonix	45 55 17 N	6 52 21 E	45 55.283 N	6 52.350 E	0.9	T	77	194
303	Prarion le	45 53 46 N	6 45 02 E	45 53.767 N	6 45.033 E	1966.9	T	82	200
304	Passy	45 55 28 N	6 43 12 E	45 55.467 N	6 43.200 E	590.1	LT	80	202

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305	Sallanches	45 57 14 N	6 38 19 E	45 57.233 N	6 38.317 E	0.9	TA	79	207
306	Megève	45 49 28 N	6 38 33 E	45 49.467 N	6 38.550 E	1469.1	AT	92	203
307	Aravis Col	45 52 57 N	6 27 54 E	45 52.950 N	6 27.900 E	1489.9	T	93	213
308	Courmayeur	45 47 21 N	6 58 22 E	45 47.350 N	6 58.367 E	1800.1	T	90	187
309	Aosta	45 44 19 N	7 21 45 E	45 44.317 N	7 21.750 E	545	TA	97	169
310	Ugine	45 44 42 N	6 25 42 E	45 44.700 N	6 25.700 E	406.9	T	107	210
311	Batie la	45 38 06 N	6 27 06 E	45 38.100 N	6 27.100 E	374.9	LT	118	206
312	Albertville	45 37 38 N	6 19 45 E	45 37.633 N	6 19.750 E	313.9	AT	123	210
313	St Remy-de-Maurienne	45 22 10 N	6 16 55 E	45 22.167 N	6 16.917 E	449.9	LT	150	206
314	St. Vincent	45 19 43 N	6 04 32 E	45 19.717 N	6 04.533 E	930.9	T	161	211
315	Landry	45 34 18 N	6 44 06 E	45 34.300 N	6 44.100 E	750.1	LT	117	195
316	Courchevel	45 23 48 N	6 37 59 E	45 23.800 N	6 37.983 E	2005.9	AT	138	196
317	Meribel	45 24 25 N	6 34 48 E	45 24.417 N	6 34.800 E	1719.1	AT	138	198
318	Chamrousse	45 06 48 N	5 52 42 E	45 06.800 N	5 52.700 E	0.9	T	190	211
319	Challes les Eaux	45 33 41 N	5 58 35 E	45 33.683 N	5 58.583 E	299	AT	144	218
320	Tanninges	46 06 00 N	6 36 00 E	46 06.000 N	6 36.000 E	625.1	LT	67	216
321	Gets	46 09 30 N	6 40 00 E	46 09.500 N	6 40.000 E	0.9	T	59	215
322	Morzine	46 10 05 N	6 42 36 E	46 10.083 N	6 42.600 E	0.9	T	56	213
323	Megevette	46 12 37 N	6 30 05 E	46 12.617 N	6 30.083 E	890	LT	62	228
324	André de Boège St	46 11 53 N	6 23 56 E	46 11.883 N	6 23.933 E	791	LT	69	232
325	Habère Poche	46 16 12 N	6 27 48 E	46 16.200 N	6 27.800 E	1113.1	AT	60	235
326	Vacheresse	46 19 40 N	6 39 15 E	46 19.667 N	6 39.250 E	819.9	LT	45	230
327	Bernex Faverges	46 22 00 N	6 38 00 E	46 22.000 N	6 38.000 E	857.1	LT	43	236
328	Samöns	46 04 23 N	6 44 23 E	46 04.383 N	6 44.383 E	709.9	AT	64	206
329	Gingolph St	46 23 36 N	6 48 12 E	46 23.600 N	6 48.200 E	0.9	T	32	226
400	Fribourg	46 48 08 N	7 09 02 E	46 48.133 N	7 09.033 E	627	T	24	11
401	Romont	46 41 36 N	6 54 43 E	46 41.600 N	6 54.717 E	704.1	T	18	309
402	Moudon	46 40 07 N	6 48 11 E	46 40.117 N	6 48.183 E	509.9	T	24	292
403	Lausanne	46 32 43 N	6 37 00 E	46 32.717 N	6 37.000 E	622.1	AT	37	263
404	Montricher	46 35 29 N	6 24 03 E	46 35.483 N	6 24.050 E	663.9	AT	53	271
405	La Côte	46 24 23 N	6 15 29 E	46 24.383 N	6 15.483 E	412.1	AT	67	253
406	Rousses Fort Les	46 28 50 N	6 03 23 E	46 28.833 N	6 03.383 E	0.9	T	80	262
407	Morez	46 31 31 N	6 01 31 E	46 31.517 N	6 01.517 E	10.1	T	82	266
408	Mollendruz Col	46 39 01 N	6 21 59 E	46 39.017 N	6 21.983 E	1179.9	T	56	278
409	Pont Le	46 40 12 N	6 19 43 E	46 40.200 N	6 19.717 E	10.1	T	59	279
410	Vallorbe	46 42 58 N	6 22 34 E	46 42.967 N	6 22.567 E	807.1	T	56	285
411	St Croix	46 49 00 N	6 30 00 E	46 49.000 N	6 30.000 E	0.9	T	52	300
412	Orbe	46 43 28 N	6 34 09 E	46 43.467 N	6 34.150 E	399.9	T	43	291
413	Pontarlier	46 54 34 N	6 19 48 E	46 54.567 N	6 19.800 E	816.9	TA	68	302
414	Yverdon	46 45 43 N	6 36 48 E	46 45.717 N	6 36.800 E	433.1	AT	41	298
415	Motiers	46 55 04 N	6 36 57 E	46 55.067 N	6 36.950 E	732.1	TA	51	316

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416	Payerne	46 50 35 N	6 54 56 E	46 50.583 N	6 54.933 E	445	AT	31	335
417	Neuchâtel	46 57 27 N	6 51 53 E	46 57.450 N	6 51.883 E	435.9	AT	44	338
418	Tourne La	46 58 59 N	6 46 44 E	46 58.983 N	6 46.733 E	1170.1	T	49	332
419	Eplatures Les	47 05 03 N	6 47 37 E	47 05.050 N	6 47.617 E	1026.9	AT	59	338
420	Vue des Alpes	47 04 38 N	6 51 38 E	47 04.633 N	6 51.633 E	0.9	T	57	343
421	Chasseral	47 07 41 N	7 02 48 E	47 07.683 N	7 02.800 E	1548.1	T	59	358
422	Bellechasse	46 58 50 N	7 07 59 E	46 58.833 N	7 07.983 E	433.1	AT	43	5
423	Courtelay	47 11 01 N	7 05 27 E	47 11.017 N	7 05.450 E	686.1	AT	66	1
424	Biel Kappelen	47 05 21 N	7 17 24 E	47 05.350 N	7 17.400 E	438.9	AT	57	16
425	Pery	47 11 30 N	7 14 54 E	47 11.500 N	7 14.900 E	645.9	T	67	11
426	Courtelay	47 14 31 N	7 20 31 E	47 14.517 N	7 20.517 E	10.1	T	74	16
427	Moutier	47 16 54 N	7 22 48 E	47 16.900 N	7 22.800 E	529.1	T	79	17
428	Grenchen	47 10 53 N	7 24 59 E	47 10.883 N	7 24.983 E	430.1	AT	70	21
429	Balmberg	47 15 56 N	7 32 22 E	47 15.933 N	7 32.367 E	1078.1	T	82	25
430	Balsthal	47 18 59 N	7 41 51 E	47 18.983 N	7 41.850 E	491.9	T	92	30
431	Olten	47 20 36 N	7 53 19 E	47 20.600 N	7 53.317 E	417.9	AT	103	37
432	Langenthal	47 10 58 N	7 44 29 E	47 10.967 N	7 44.483 E	481.9	AT	82	38
433	Triengen	47 13 40 N	8 04 48 E	47 13.667 N	8 04.800 E	399.9	TA	103	47
434	Beromunster Luzern	47 11 24 N	8 12 17 E	47 11.400 N	8 12.283 E	655	AT	107	52
435	Schüpfheim	46 57 33 N	8 01 10 E	46 57.550 N	8 01.167 E	709.9	LT	81	61
436	Trub	46 56 09 N	7 52 10 E	46 56.150 N	7 52.167 E	780	LT	70	58
437	Langnau	46 56 07 N	7 48 09 E	46 56.117 N	7 48.150 E	680	LT	66	56
438	Kemmeriboden	46 48 09 N	7 56 05 E	46 48.150 N	7 56.083 E	1117.1	T	68	71
439	Hochwald	46 52 18 N	8 01 02 E	46 52.300 N	8 01.033 E	919.9	T	77	67
440	Schallenberg	46 49 31 N	7 47 47 E	46 49.517 N	7 47.783 E	1167.1	T	59	65
441	Thun	46 45 23 N	7 36 02 E	46 45.383 N	7 36.033 E	561.1	AT	43	66
442	Brünig	46 45 27 N	8 08 18 E	46 45.450 N	8 08.300 E	1008	T	82	78
443	Ecuvillens	46 45 18 N	7 04 34 E	46 45.300 N	7 04.567 E	698	AT	18	357
444	Schiffenen	46 52 57 N	7 11 37 E	46 52.950 N	7 11.617 E	530	T	33	14
	Grandvillard	46 33 04 N	7 04 55 E	46 33.067 N	7 04.917 E	730	T	4.9	192
	Villardvolard	46 38 42 N	7 06 28 E	46 38.700 N	7 06.467 E	700	T	5.7	11
444	Froideville	46 36 05 N	6 40 48 E	46 36.083 N	6 40.800 E	828	T	32	273
445	Daillens	46 37 10 N	6 32 56 E	46 37.167 N	6 32.933 E	501	T	42	275
447	Schwarzenburg	46 49 03 N	7 20 27 E	46 49.050 N	7 20.450 E	800	T	31	38
448	Plaffeien	46 44 29 N	7 17 13 E	46 44.483 N	7 17.217 E	850	T	22	43
449	Lignéres	47 04 59 N	7 03 57 E	47 04.983 N	7 03.950 E	797	T	54	359
	LSGT	46 35 39 N	7 05 40 E	46 35.650 N	7 05.667 E	696	HAT		

Codes*

A: Airport

F: Finish Point

H: Home airport
L: Landing point
T: Turnpoint