

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Tswalu, South Africa Control Points

Courtesy of Andy Davis (paminandy@compuserve.com)

via Richard Glennie, and Carol Clifford

Dated: 06 February 2011

Magnetic Variation: 18.0W

The Helli Lasch Challenge 2011

NOTE: FARM STRIP COORDINATES ARE ONLY APPROXIMATE

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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>Turnpoint</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Amalia	27 15 00 S	25 03 00 E	27 15.000 S	25 02.999 E	1302	T	Railway Station	255	110
2	Barkley West	28 32 59 S	24 31 57 E	28 32.983 S	24 31.950 E	1093	T		252	145
3	Belmont	29 24 42 S	24 22 00 E	29 24.708 S	24 22.000 E	1201	T	Rail Junction	308	161
4	Bethel	26 03 48 S	25 40 30 E	26 03.808 S	25 40.499 E	1366	T	Road Cross	343	87
5	Blackrock	27 07 38 S	22 50 43 E	27 07.633 S	22 50.717 E	1048	TA	Tar	38	96
6	Blikfontein	27 49 50 S	23 55 00 E	27 49.829 S	23 54.999 E	1456	T	Road Cross	159	134
7	Bloemhof	27 38 50 S	25 35 40 E	27 38.829 S	25 35.659 E	1231	T	Station	313	118
8	Bodenstein	26 19 57 S	26 29 20 E	26 19.958 S	26 29.328 E	1425	T	Road/Rail	411	95
9	Boshoff	28 32 15 S	25 11 40 E	28 32.248 S	25 11.659 E	1253	T	Town Centre	306	138
10	Bothaville	27 23 20 S	26 37 20 E	27 23.329 S	26 37.328 E	1292	T	Station	411	112
11	Britstown	30 34 58 S	23 30 20 E	30 34.959 S	23 30.329 E	1117	T	Station	389	183

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12	Broedersput	26 49 00 S	25 06 20 E	26 48.998 S	25 06.329 E	1302	T	Town Centre	265	99
13	Bultfontain	28 16 00 S	26 08 00 E	28 16.000 S	26 08.000 E	1341	TA	Grass Runways	380	127
14	Campbell	28 47 00 S	23 42 15 E	28 47.000 S	23 42.250 E	1299	T		214	164
15	Carnarvon	30 59 20 S	22 08 00 E	30 59.329 S	22 07.999 E	1273	TA	Airfield	422	202
16	Cassell	26 58 00 S	23 59 30 E	26 57.999 S	23 59.499 E	1314	T	Road Cross	153	99
17	Christiana	27 54 00 S	25 09 10 E	27 53.999 S	25 09.159 E	1196	T	Station	276	125
18	Coligny	26 20 00 S	26 18 40 E	26 19.998 S	26 18.659 E	1463	T	Rail Junction	394	95
19	Danielskuil	28 11 17 S	23 32 07 E	28 11.283 S	23 32.117 E	1457	T		152	154
20	De Aar	30 41 31 S	24 01 30 E	30 41.509 S	24 01.499 E	1269	TA	Airfield	417	177
21	Dealesville	28 40 40 S	25 46 10 E	28 40.659 S	25 46.159 E	1253	T	Town Centre	364	136
22	Dedeben	27 17 35 S	22 29 37 E	27 17.583 S	22 29.617 E	1195	T		11	184
23	Delarayville	26 40 48 S	25 28 16 E	26 40.800 S	25 28.267 E	1369	TA	Grass	303	98
24	Delpoortshoop	28 25 00 S	24 18 30 E	28 24.999 S	24 18.499 E	1025	T	Town Centre	226	145
25	Dibeng	27 35 40 S	22 52 45 E	27 35.667 S	22 52.750 E	1112	T		60	155
26	Dingleton	27 53 15 S	22 57 52 E	27 53.250 S	22 57.867 E	1212	T		91	165
27	Douglas	29 04 30 S	23 46 01 E	29 04.500 S	23 46.017 E	1021	TL		244	167
28	Egnon	28 24 00 S	22 07 00 E	28 24.000 S	22 07.000 E	1014	T		138	212
29	ESE46	27 22 15 S	22 53 30 E	27 22.244 S	22 53.501 E	1078	TA	Dirt Runway	46	132
30	Floradora	27 07 48 S	22 40 46 E	27 07.797 S	22 40.765 E	1079	T	Settlement	22	87
31	Freylinkspan	26 44 08 S	22 28 05 E	26 44.133 S	22 28.083 E	959	T		52	18
32	Ganyesa	26 35 30 S	24 10 10 E	26 35.499 S	24 10.160 E	1272	T	Road Cross	182	87
33	Gariep Dam	30 34 00 S	25 32 00 E	30 34.000 S	25 32.000 E	1274	TA	Tar	479	160
34	Gerdau	26 28 04 S	26 06 06 E	26 28.059 S	26 06.098 E	1478	T	Road junction	370	96
35	Glosham	28 02 57 S	23 02 50 E	28 02.950 S	23 02.833 E	1368	T		110	167
36	Griquastad	28 50 40 S	23 15 20 E	28 50.659 S	23 15.328 E	1305	T	Town Centre	198	175
37	Grobbershoop	28 53 44 S	21 59 01 E	28 53.733 S	21 59.017 E	867	T		194	212
38	Gromefont	27 02 12 S	26 20 51 E	27 02.200 S	26 20.858 E	1358	T	Road/Rail	384	106
39	Hennenman	27 58 30 S	27 01 59 E	27 58.500 S	27 01.983 E	1374	T	Road T junction East of Hennenman	458	120
40	Hertzogville	28 07 40 S	25 30 10 E	28 07.659 S	25 30.159 E	1274	T	Town Centre	316	128
41	Hotazel	27 12 30 S	22 57 40 E	27 12.499 S	22 57.659 E	1061	T	Station	49	109
42	Imtat	28 03 00 S	22 07 00 E	28 03.000 S	22 07.000 E	1021	T		101	218
43	Itsoseng	26 05 27 S	25 49 29 E	26 05.448 S	25 49.479 E	1435	T	Silo	356	88
44	Jan Kempdorp	27 56 35 S	24 49 22 E	27 56.579 S	24 49.359 E	1189	TA	Cross Runway	246	128
45	Kalkfontein	29 30 00 S	25 13 00 E	29 29.999 S	25 12.998 E	1262	T	Dam Centre	371	152
46	Kingswood	27 27 15 S	25 46 40 E	27 27.250 S	25 46.659 E	1257	T	Silos	328	114
47	Koffiefontein	29 24 39 S	25 00 40 E	29 24.658 S	25 00.659 E	1189	T	Station	350	153
48	Koopmansfont	28 14 19 S	24 02 03 E	28 14.317 S	24 02.050 E	1367	T		193	145
49	Kopela	26 25 54 S	25 32 36 E	26 25.898 S	25 32.599 E	1367	T	Road Junction	317	93
50	Kuruman	27 27 21 S	23 26 41 E	27 27.350 S	23 26.683 E	1316	T		101	125
51	Leighland	25 53 00 S	25 11 00 E	25 52.998 S	25 10.999 E	1280	T	Village	307	80
52	Lichtenburg	26 08 39 S	26 11 20 E	26 08.658 S	26 11.328 E	1487	T	Station	388	91

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53	Lime Acres	28 21 34 S	23 26 24 E	28 21.567 S	23 26.400 E	1478	TA		160	162
54	Logageng	25 55 03 S	24 40 12 E	25 55.058 S	24 40.199 E	1115	T	Road/River B	261	75
55	Lykso	27 13 00 S	24 06 00 E	27 12.999 S	24 05.999 E	1432	T	X Roads	161	109
56	Mafikeng	25 48 17 S	25 32 24 E	25 48.278 S	25 32.400 E	1280	TA	Tower	343	82
57	Mansfield	26 14 12 S	24 45 06 E	26 14.198 S	24 45.099 E	1215	T	Road Junction	251	83
58	Mantsa	26 04 30 S	25 31 22 E	26 04.498 S	25 31.359 E	1280	T	Snake Pit	328	86
59	Mareetsane	26 08 45 S	25 25 25 E	26 08.748 S	25 25.410 E	1280	T	Silos	316	87
60	Marydale	29 24 00 S	22 06 40 E	29 23.998 S	22 06.659 E	972	TA	Airfield	247	206
61	McCarthy's Rest	26 12 20 S	22 34 25 E	26 12.333 S	22 34.417 E	966	T		111	23
62	Migdol	26 53 45 S	25 27 06 E	26 53.749 S	25 27.099 E	1331	T	Silo	297	102
63	Molopo Dam	25 49 30 S	25 18 55 E	25 49.499 S	25 18.909 E	1173	T	Dam Centre	322	80
64	Morokweng	26 07 47 S	23 46 44 E	26 07.783 S	23 46.733 E	1129	T		177	66
65	N8	27 07 55 S	22 28 14 E	27 07.925 S	22 28.227 E	1140	T	Road Junction	7.7	20
66	N92	26 22 27 S	22 26 15 E	26 22.450 S	22 26.250 E	976	TL	Farm Strip	92	16
67	N93	26 20 48 S	22 30 27 E	26 20.800 S	22 30.450 E	981	TL	Dirt Runway	95	20
68	NE40	26 54 41 S	22 42 10 E	26 54.682 S	22 42.167 E	992	T	Junction	40	54
69	Niekerkshoop	29 19 24 S	22 50 04 E	29 19.400 S	22 50.067 E	1173	T		239	189
70	NNW41	26 51 59 S	22 17 31 E	26 51.983 S	22 17.517 E	980	TL	Gravel Runway	41	353
71	NW25	27 01 13 S	22 20 28 E	27 01.218 S	22 20.460 E	1022	T	Curve	24	346
72	NW45	26 57 03 S	22 06 23 E	26 57.047 S	22 06.391 E	962	T	Junction	45	326
73	Olifantshoek	27 57 40 S	22 44 10 E	27 57.667 S	22 44.167 E	1278	T	Town Centre	89	181
74	Oranjerivier	29 36 40 S	24 12 00 E	29 36.659 S	24 12.000 E	1100	T	Rail/River	317	166
75	Orkney	26 58 00 S	26 39 09 E	26 57.999 S	26 39.158 E	1289	T	Rail Junct	415	105
76	Ottosdal	26 49 00 S	25 59 50 E	26 48.998 S	25 59.829 E	1475	T	Rail Junction	352	102
77	Pearsons Hun	27 38 57 S	21 57 45 E	27 38.950 S	21 57.750 E	1020	T		70	243
78	Perth	26 28 56 S	23 04 14 E	26 28.933 S	23 04.233 E	1028	T		100	55
79	Piet Plessis	26 08 00 S	24 24 50 E	26 07.999 S	24 24.829 E	1136	T	Road Cross	227	77
80	PK Le Roux	29 59 44 S	24 43 46 E	29 59.733 S	24 43.767 E	1161	T	Dam Wall	381	163
81	Pomfret	25 50 50 S	23 32 12 E	25 50.833 S	23 32.200 E	1165	TL		184	53
82	Postmasburg	28 20 20 S	23 04 46 E	28 20.333 S	23 04.767 E	1308	TA		140	173
83	Prieska	29 40 30 S	22 45 15 E	29 40.498 S	22 45.249 E	939	T	Station	277	192
84	Pudimoe	27 23 25 S	24 42 40 E	27 23.409 S	24 42.659 E	1302	T	Station	223	114
85	Putsonderwater	29 14 03 S	21 52 18 E	29 14.050 S	21 52.300 E	1048	T		234	212
86	R10	27 41 41 S	26 06 21 E	27 41.683 S	26 06.350 E	1244	T	Road Y Junction	363	118
87	Ramatlabana	25 38 18 S	25 34 18 E	25 38.298 S	25 34.300 E	1280	T	Border Post	355	79
88	Reivilo	27 34 40 S	24 11 00 E	27 34.659 S	24 10.999 E	1430	T	Road Junction S	175	122
89	Rustenburg	25 40 00 S	27 14 30 E	25 39.999 S	27 14.499 E	1128	TA	Station	505	89
90	S152	28 34 19 S	22 29 51 E	28 34.317 S	22 29.850 E	1219	T		152	197
91	S25	27 26 56 S	22 28 26 E	27 26.936 S	22 28.428 E	1307	T	Junction	28	197
92	S50	27 42 43 S	22 29 22 E	27 42.724 S	22 29.372 E	1186	T	Junction	57	196
93	S93	28 02 11 S	22 29 58 E	28 02.183 S	22 29.967 E	1170	T	Road Junction	93	196

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94	Sannieshof	26 32 00 S	25 48 00 E	26 31.998 S	25 47.999 E	1372	T	Station	339	96
95	Schweizer Renke	27 10 00 S	25 18 00 E	27 09.999 S	25 17.999 E	1280	TA	Airfield	280	108
96	SE172	28 34 35 S	23 16 03 E	28 34.591 S	23 16.058 E	1471	T		172	171
97	SE179	28 40 22 S	23 12 28 E	28 40.371 S	23 12.469 E	1419	T		179	174
98	Setlagole	26 15 48 S	25 07 15 E	26 15.798 S	25 07.249 E	1211	T	Road Junction	283	87
99	Severn	26 35 00 S	22 51 00 E	26 34.998 S	22 50.999 E	993	T	Village	78	47
100	Silver Streams	28 20 50 S	23 34 40 E	28 20.833 S	23 34.667 E	1428	T		168	158
101	Sishen	27 38 54 S	22 59 55 E	27 38.900 S	22 59.917 E	1168	TL		72	152
102	South Mountain	28 54 59 S	22 24 58 E	28 54.990 S	22 24.965 E	1071	T	Ridge End	191	200
103	Springfontein	30 16 00 S	25 43 00 E	30 16.000 S	25 43.000 E	1518	T	Railway Station	465	156
104	SSW83	27 55 34 S	22 15 53 E	27 55.567 S	22 15.883 E	1078	TL	Farm Strip	83	212
105	SSW90	27 58 08 S	22 10 52 E	27 58.133 S	22 10.867 E	1055	TL	Farm Strip	90	216
106	Stella	26 33 20 S	24 51 40 E	26 33.328 S	24 51.660 E	1280	TA	Town Centre	248	92
107	Steynsrus	27 57 08 S	27 33 56 E	27 57.133 S	27 33.933 E	1529	T	X Roads to SE of town centre	509	119
108	Strydenburg	29 56 30 S	23 40 40 E	29 56.499 S	23 40.659 E	1070	T	Town Centre	327	177
109	Sutton	27 25 49 S	22 49 45 E	27 25.817 S	22 49.750 E	1076	T		44	144
110	Terra Firma	25 32 19 S	23 23 16 E	25 32.317 S	23 23.267 E	1038	T		206	45
111	Tswalu	27 12 03 S	22 28 03 E	27 12.050 S	22 28.050 E	1283	TAHFS	Game Park		
112	Ulco	28 19 06 S	24 12 54 E	28 19.100 S	24 12.900 E	1135	T		212	144
113	Upington	28 25 00 S	21 09 39 E	28 24.999 S	21 09.658 E	850	TA	Airfield	187	241
114	Voorspoed	26 16 00 S	24 00 00 E	26 15.999 S	23 59.999 E	1149	T	Crossroads	184	74
115	Vostershoop	25 50 05 S	23 01 16 E	25 50.083 S	23 01.267 E	987	T		162	38
116	Vryburg	26 58 24 S	24 43 40 E	26 58.408 S	24 43.660 E	1195	TA	Airfield	225	102
117	Vryhof	26 02 28 S	25 30 59 E	26 02.459 S	25 30.979 E	1294	T	Silo	329	86
118	W100	27 11 58 S	21 27 24 E	27 11.967 S	21 27.400 E	931	T		100	288
119	W50	27 11 55 S	21 57 48 E	27 11.917 S	21 57.800 E	978	T		50	288
120	W75	27 12 03 S	21 42 35 E	27 12.050 S	21 42.583 E	953	T		75	288
121	Warrenton	28 06 00 S	24 52 00 E	28 05.998 S	24 52.000 E	1171	T	Station	257	131
122	Welkom	27 58 36 S	26 44 02 E	27 58.593 S	26 44.029 E	1362	T	Centre	429	121
123	Westerberg	29 17 49 S	22 22 59 E	29 17.821 S	22 22.977 E	975	T		233	200
124	Windsorton	28 19 47 S	24 43 10 E	28 19.783 S	24 43.167 E	1114	T		255	138
125	Winton	27 29 43 S	22 37 56 E	27 29.717 S	22 37.933 E	1168	T		37	172
126	Wolmaransstad	27 11 50 S	25 58 00 E	27 11.830 S	25 57.999 E	1359	T	Station	346	107
127	Zeerust Airfield	25 36 00 S	26 02 00 E	25 36.000 S	26 02.000 E	1299	TA	Tar Runway	397	82

Codes*

- A: Airport
- F: Finish Point
- H: Home airport
- L: Landing point
- S: Start Point

T: Turnpoint