

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Hennenman, South Africa [Goldfields Glider Club] Control Points

Contest: 2008 Freestate Regional Championships
 Courtesy of Richard Glennie (richard.glennie@za.fujitsu.com)

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<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Allanridge	27 45 18 S	26 39 18 E	27 45.300 S	26 39.300 E	1313	T	Silos	ALLANRDG	27	358
2	Allemanskraal	28 17 06 S	27 09 06 E	28 17.100 S	27 09.100 E	1379	T	Dam Wall	ALLMNSKR	57	124
3	Arizona	28 27 20 S	27 31 50 E	28 27.333 S	27 31.833 E	1300	AT	Grass	ARIZONA	99	121
4	Arlington	28 01 50 S	27 51 20 E	28 01.833 S	27 51.333 E	1279	T	Railway Junction	ARLNGTN	117	92
5	Attie	27 28 06 S	27 15 40 E	27 28.100 S	27 15.667 E	1432	T	Silos	ATTIE	83	45

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Turnpoint	ID	Distance Kin	Bearing
6	Bamboesspruit	26 56 24 S	25 57 59 E	26 56.400 S	25 57.983 E	1499	T	Road Cross	BMESSPRT	137	329
7	Barberspan	26 37 16 S	25 34 23 E	26 37.267 S	25 34.383 E	1499	T	Railway Station	BARBRSPN	188	325
8	Beatrix Mine	28 14 01 S	26 46 01 E	28 14.017 S	26 46.017 E	1379	T	Closed A/F Centre	BEATRXMN	28	159
9	Bethlehem	28 15 00 S	28 20 06 E	28 15.000 S	28 20.100 E	1688	AT	Tar 11/29	BETHLEHM	166	100
10	Bloemhof	27 37 00 S	25 36 00 E	27 37.000 S	25 36.000 E	1233	AT	Grass	BLOEMHOF	113	292
11	Bodenstein	26 19 53 S	26 27 58 E	26 19.883 S	26 27.967 E	1499	T	Silos	BODENSTN	187	354
12	Boons	25 58 07 S	27 14 23 E	25 58.117 S	27 14.383 E	1549	T	Silos	BOONS	233	14
13	Bothaville	27 22 00 S	26 38 06 E	27 22.000 S	26 38.100 E	1392	AT	Tar	BOTHAVLL	70	357
14	Buckingham	26 21 02 S	27 02 09 E	26 21.033 S	27 02.150 E	1499	T	Silos	BUCKNGHM	187	11
15	Bultfontein	28 16 06 S	26 08 06 E	28 16.100 S	26 08.100 E	1339	AT	Grass	BULTFNTN	60	240
16	Carltonville	26 22 00 S	27 20 48 E	26 22.000 S	27 20.800 E	1524	AT	Tar	CRLTNVLL	194	20
17	Christiana	27 44 15 S	25 11 06 E	27 44.250 S	25 11.100 E	1499	T	Railway Station	CHRISTIN	149	281
18	Clarens	28 30 48 S	28 26 06 E	28 30.800 S	28 26.100 E	1699	T	Cross Road	CLARENS	182	109
19	Clocolaan	28 55 00 S	27 35 06 E	28 55.000 S	27 35.100 E	1400	T	Railway Station	CLOCOLAN	136	139
20	Colligny	26 19 48 S	26 19 02 E	26 19.800 S	26 19.033 E	1499	T	Rail Junction	COLLIGNY	189	349
21	Control North	27 54 11 S	26 42 35 E	27 54.183 S	26 42.583 E	1380	T		CNORTH	12	21
22	Control South	28 06 32 S	26 42 58 E	28 06.533 S	26 42.967 E	1380	T		CSOUTH	13	158
23	Dealesville	28 40 40 S	25 46 10 E	28 40.667 S	25 46.167 E	1400	T	Town Centre	DEALSVLL	116	229
24	Delareyville	26 40 36 S	25 28 36 E	26 40.600 S	25 28.600 E	1367	AT	Grass	DELARVLL	188	321
25	Derby	25 54 36 S	27 02 45 E	25 54.600 S	27 02.750 E	1499	T	Silos	DERBY	235	9
26	Du Toitspan	25 54 37 S	26 35 16 E	25 54.617 S	26 35.267 E	1499	T	Road T Junction	DUTOTSPN	232	358
27	Dudfield	26 12 06 S	25 59 30 E	26 12.100 S	25 59.500 E	1248	AT	Tar/Factory	DUDFIELD	211	341
28	Eastpoint	28 38 14 S	26 04 50 E	28 38.233 S	26 04.833 E	1313	T	NE Corner Of	EASTPONT	91	219
29	Edenville	27 32 59 S	27 40 00 E	27 32.983 S	27 40.000 E	1400	T	Road Crossing N/W	EDENVILL	110	63
30	Ficksburg	28 49 30 S	27 54 30 E	28 49.500 S	27 54.500 E	1620	AT	Tar	FICKSBRG	152	127
31	Finish North	27 58 24 S	26 41 18 E	27 58.400 S	26 41.300 E	1380	F		FNORTH	3.6	36
32	Finish South	28 00 58 S	26 41 12 E	28 00.967 S	26 41.200 E	1380	F		FSOUTH	2.7	132
33	Frankfort	27 16 06 S	28 32 06 E	27 16.100 S	28 32.100 E	1399	T	Road Junction North	FRANKFRT	201	67
34	Geneva	27 49 34 S	27 07 53 E	27 49.567 S	27 07.883 E	1379	T	Silos	GENEVA	50	67
35	Gerdau	26 28 18 S	26 06 15 E	26 28.300 S	26 06.250 E	1499	T	Silos	GERDAU	179	342
36	GGC	28 01 53 S	27 05 02 E	28 01.883 S	27 05.033 E	1300	AFST	Clubhouse	GGC	41	95
37	Groot Bos	26 06 28 S	26 41 48 E	26 06.467 S	26 41.800 E	1499	T	Road Crossing	GROOTBOS	210	1
38	Grootlaagte	27 14 08 S	25 35 09 E	27 14.133 S	25 35.150 E	1499	T	Road Crossing	GROOTLGT	136	308
39	Grootpan	25 59 42 S	26 30 24 E	25 59.700 S	26 30.400 E	1499	T	Road T Junction	GROOTPAN	224	356
40	Grootvlei	26 10 44 S	26 33 07 E	26 10.733 S	26 33.117 E	1499	T	Road T Junction	GROOTVLE	203	357
41	Harmony	28 05 06 S	26 52 00 E	28 05.100 S	26 52.000 E	1337	AT	Tar	HARMONY	22	116
42	Harrisburg	27 06 30 S	26 23 30 E	27 06.500 S	26 23.500 E	1499	T	Railway Station	HARRSBRG	103	345
43	Hartebeesfontein	26 46 30 S	26 25 31 E	26 46.500 S	26 25.517 E	1499	T	Railway Station	HRTBSFNT	138	350
44	Hartswater	27 46 30 S	24 47 34 E	27 46.500 S	24 47.567 E	1499	T	Railway Station	HARTSWTR	186	277
45	Heilbron	27 17 30 S	27 59 06 E	27 17.500 S	27 59.100 E	1585	AT	Tar	HEILBRON	152	59
46	Hennenman	27 58 01 S	27 01 52 E	27 58.017 S	27 01.867 E	1399	T	Railroad Crossing	HENNENMNM	36	84
47	Hertzogville	28 07 40 S	25 30 10 E	28 07.667 S	25 30.167 E	1499	T	Town Centre	HRTZGVLL	115	263
48	Holfontein	27 53 16 S	27 05 33 E	27 53.267 S	27 05.550 E	1456	T	Road T Junction	HOLFONTN	44	73
49	Hoopstad	27 50 06 S	25 54 30 E	27 50.100 S	25 54.500 E	1200	T	A/F Centre	HOOPSTAD	77	284
50	Jan Kempdorp	27 56 35 S	24 49 22 E	27 56.583 S	24 49.367 E	1219	AT	Cross Runway	JNKMPDRP	181	272

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	Turnpoint	ID	Distance Kin	Bearing
51	Kalkvlakte	28 03 21 S	26 56 42 E	28 03.350 S	26 56.700 E	1379	T	Railway Station	KALKVLKT	28	103
52	Kameel	26 35 54 S	25 02 33 E	26 35.900 S	25 02.550 E	1499	T	Railway Station	KAMEEL	224	314
53	Kingswood	27 27 15 S	25 46 40 E	27 27.250 S	25 46.667 E	1499	T	Railway Station	KINGSWOD	106	305
54	Klerksdorp	26 52 00 S	26 43 06 E	26 52.000 S	26 43.100 E	1356	AT	Tar	KLRKSDRP	126	2
55	Klerkskraal	26 15 06 S	27 09 34 E	26 15.100 S	27 09.567 E	1499	T	Dam Wall	KLRKSKRL	200	14
56	Knopfont	26 31 17 S	26 55 46 E	26 31.283 S	26 55.767 E	1499	T	Vaal Road/River	KNOPFONT	166	9
57	Kopela	26 25 54 S	25 32 36 E	26 25.900 S	25 32.600 E	1499	T	Road Junction	KOPELA	207	327
58	Koppies	27 14 10 S	27 34 15 E	27 14.167 S	27 34.250 E	1379	T	Silos	KOPIES	123	47
59	Koster	25 52 09 S	26 54 08 E	25 52.150 S	26 54.133 E	1499	T	Railway Station	KOSTER	238	6
60	Kraaipan	26 17 10 S	25 18 20 E	26 17.167 S	25 18.333 E	1499	T	Railway Station	KRAAIPAN	233	324
61	Kroonstad	27 40 00 S	27 18 30 E	27 40.000 S	27 18.500 E	1432	AT	Tar	KROONSTD	73	60
62	Krugersdorp	26 06 00 S	27 44 06 E	26 06.000 S	27 44.100 E	1691	AT	Tar	KRGRSDRP	236	27
63	Leeudoringstad	27 14 17 S	26 14 09 E	27 14.283 S	26 14.150 E	1499	T	Town Centre	LDRNGSTD	95	333
64	Leonard	26 45 52 S	25 32 46 E	26 45.867 S	25 32.767 E	1499	T	Road Crossing	LEONARD	176	321
65	Libertas	28 10 30 S	27 44 06 E	28 10.500 S	27 44.100 E	1379	T	Railway Station	LIBERTAS	107	101
66	Lichtenburg	26 10 00 S	26 11 06 E	26 10.000 S	26 11.100 E	1486	AT	Tar	LCHTNBRG	209	347
67	Makwasie	27 19 15 S	25 59 54 E	27 19.250 S	25 59.900 E	1499	T	Railway Station	MAKWASIE	100	319
68	Marquard	28 40 00 S	27 26 40 E	28 40.000 S	27 26.667 E	1379	T	Railway Station	MAQUARD	106	134
69	Maseru	29 30 00 S	27 32 28 E	29 30.000 S	27 32.467 E	1380	AT	A/F Centre	MASERU	187	153
70	Migdol	26 54 10 S	25 27 09 E	26 54.167 S	25 27.150 E	1499	T	Road/Railway Crossing	MIGDOL	171	315
71	Mirage	27 15 00 S	26 41 15 E	27 15.000 S	26 41.250 E	1379	T	Silos	MIRAGE	83	1
72	Monte Carlo	28 48 00 S	27 26 30 E	28 48.000 S	27 26.500 E	1524	AT	A/F Centre	MONTECARL	117	140
73	Odendaalsrus	27 51 10 S	26 44 06 E	27 51.167 S	26 44.100 E	1379	T	Railway Station	ODNDLSRS	18	22
74	Omkyk	26 15 30 S	25 48 30 E	26 15.500 S	25 48.500 E	1499	T	Road Junction	OMKYK	211	336
75	Orient	26 02 32 S	27 35 39 E	26 02.533 S	27 35.650 E	1553	AT	A/F Centre	ORIENT	236	23
76	Orkney	26 58 05 S	26 39 16 E	26 58.083 S	26 39.267 E	1250	T	Rail Junction	ORKNEY	115	359
77	Ottosdal	26 49 07 S	25 59 51 E	26 49.117 S	25 59.850 E	1379	T	Rail Junction	OTTOSDAL	147	333
78	Parys	26 53 06 S	27 30 00 E	26 53.100 S	27 30.000 E	1443	AT	Tar	PARYS	149	34
79	Pasop	27 12 21 S	25 11 25 E	27 12.350 S	25 11.417 E	1499	T	Road/Railway Crossing	PASOP	170	301
80	Paul Roux	28 17 30 S	27 55 20 E	28 17.500 S	27 55.333 E	1400	T	Town Centre	PAULROUX	127	105
81	Petrusburg	29 07 00 S	25 25 00 E	29 07.000 S	25 25.000 E	1499	T	Railway Station	PETRSBRG	174	224
82	Potchefstroom	26 40 00 S	27 04 54 E	26 40.000 S	27 04.900 E	1376	AT	Tar	POTCHFSTR	154	16
83	R1	28 36 44 S	25 35 12 E	28 36.733 S	25 35.200 E	1284	T	T Junction	R1	126	237
84	R2	28 42 36 S	25 24 31 E	28 42.600 S	25 24.517 E	1226	T	T Junction	R2	146	237
85	R3	28 30 38 S	25 51 35 E	28 30.633 S	25 51.583 E	1283	T	Bend In Road	R3	97	234
86	R4	28 50 50 S	25 33 02 E	28 50.833 S	25 33.033 E	1206	T	Cross Roads	R4	144	229
87	R7	28 00 32 S	26 18 15 E	28 00.533 S	26 18.250 E	1278	T	Cross Roads	R7	36	268
88	R8	27 35 44 S	26 22 35 E	27 35.733 S	26 22.583 E	1249	T	Road/River C	R8	53	328
89	R9	27 57 34 S	25 42 33 E	27 57.567 S	25 42.550 E	1318	T	Road T Junction	R9	94	273
90	R10	27 41 41 S	26 06 21 E	27 41.683 S	26 06.350 E	1244	T	Road Y Junction	R10	65	301
91	R11	28 23 20 S	25 32 42 E	28 23.333 S	25 32.700 E	1286	T	Cross Roads	R11	118	248
92	R12	27 31 06 S	26 40 15 E	27 31.100 S	26 40.250 E	1273	T	Road Y Junction	R12	54	0
93	R13	27 38 03 S	25 06 15 E	27 38.050 S	25 06.250 E	1299	T	Cross Roads	R13	159	284
94	R14	28 00 34 S	25 21 15 E	28 00.567 S	25 21.250 E	1259	T	T Junction	R14	129	269
95	R16	28 53 39 S	25 21 40 E	28 53.650 S	25 21.667 E	1184	T	Cross Roads	R16	162	232

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	Turnpoint	ID	Distance Km	Bearing
96	R17	27 46 15 S	25 36 00 E	27 46.250 S	25 36.000 E	1259	T	Road T Junction	R17	108	283
97	R18	28 08 06 S	26 15 19 E	28 08.100 S	26 15.317 E	1288	T	Road/River C	R18	43	250
98	R27	27 24 48 S	26 16 22 E	27 24.800 S	26 16.367 E	1224	T	River Junction	R27	76	329
99	R28	27 01 59 S	25 37 50 E	27 01.983 S	25 37.833 E	1365	T	Roadbridge O	R28	148	316
100	R30	27 23 03 S	25 13 12 E	27 23.050 S	25 13.200 E	1339	T	Crossroads	R30	158	295
101	Ratzeagai	26 21 32 S	26 43 42 E	26 21.533 S	26 43.700 E	1499	T	Railway/Road Crossing	RATZEGAA	183	2
102	Reitz A/F	27 47 06 S	28 27 06 E	27 47.100 S	28 27.100 E	1624	AT	Grass	REITZ	177	83
103	Riebeeckstad	27 54 58 S	26 47 35 E	27 54.967 S	26 47.583 E	1405	T	Road Crossing	RIBCKSTD	16	53
104	Rietfontein	25 57 40 S	26 43 51 E	25 57.667 S	26 43.850 E	1499	T	Road Crossing	RJETFNTN	227	2
105	Rosendal	28 30 00 S	27 55 20 E	28 30.000 S	27 55.333 E	1499	T	Town Centre	ROSENDAL	135	115
106	Rykaartpos	26 31 38 S	26 38 16 E	26 31.633 S	26 38.267 E	1499	T	Road T Junction	RYKRTSPS	164	359
107	Sannieshof	26 31 54 S	25 48 17 E	26 31.900 S	25 48.283 E	1499	T	Railway Station	SANNISHF	184	332
108	Schuttendraai	27 31 06 S	26 39 55 E	27 31.100 S	26 39.917 E	1379	T	Silos	SCHTTSDR	54	360
109	Schweizer Reneke	27 10 00 S	25 18 00 E	27 10.000 S	25 18.000 E	1279	AT	Airfield	SCHWZRRN	163	304
110	Senekal A/F	28 18 30 S	27 39 06 E	28 18.500 S	27 39.100 E	1456	AT	Grass	SENEKAL	102	110
111	Sentra Oes	28 49 06 S	27 44 30 E	28 49.100 S	27 44.500 E	1620	AT	Tar	SENTRAOS	139	131
112	Soutpan	28 43 06 S	26 03 30 E	28 43.100 S	26 03.500 E	1379	T	X Roads	SOUTPAN	100	217
113	Steynsrus	27 56 07 S	27 35 01 E	27 56.117 S	27 35.017 E	1279	T	Railway Station	STEYNSRS	90	86
114	Taung	27 35 53 S	24 45 09 E	27 35.883 S	24 45.150 E	1189	AT	A/F Centre	TAUNG	194	283
115	Tempe	29 05 36 S	26 18 16 E	29 05.600 S	26 18.267 E	1358	AT	Tar	TEMPE	127	196
116	Thaba N'Chu	29 18 54 S	26 49 18 E	29 18.900 S	26 49.300 E	1502	AT	Tar	THABANCH	147	174
117	Theunissen	28 24 35 S	26 43 06 E	28 24.583 S	26 43.100 E	1379	T	Railway Station	THEUNSSN	46	174
118	Ventersburg	28 04 30 S	27 09 06 E	28 04.500 S	27 09.100 E	1379	T	Road Crossing	VNTRSBRG	48	100
119	Ventersdorp	26 18 03 S	26 48 55 E	26 18.050 S	26 48.917 E	1379	AT	A/F Centre	VNTRSDRP	190	4
120	Viljoenskroon	27 14 10 S	26 57 40 E	27 14.167 S	26 57.667 E	1379	T	Road Railway Cross	VLJNSKRN	90	19
121	Virginia	28 07 44 S	26 53 36 E	28 07.733 S	26 53.600 E	1379	T	Railway Station	VIRGINIA	26	123
122	Vredefort	27 00 30 S	27 22 30 E	27 00.500 S	27 22.500 E	1389	T	Railway Station	VREDEFRT	131	33
123	Warden A/F	27 50 06 S	28 59 30 E	27 50.100 S	28 59.500 E	1699	AT	Grass	WARDEN	229	86
124	Warrenton	28 06 00 S	24 52 00 E	28 06.000 S	24 52.000 E	1279	T	Railway Station	WARRENTN	177	266
125	Welgelee	28 12 40 S	26 49 10 E	28 12.667 S	26 49.167 E	1379	T	Silos	WELGELEE	28	147
126	Welkom	28 00 00 S	26 40 00 E	28 00.000 S	26 40.000 E	1380	HFAT	Tower	WELKOM		
127	<i>Welkom Start</i>	27 59 46 S	26 32 41 E	27 59.767 S	26 32.683 E	1380	S		WSFART	12	272
128	Wesselsbron	27 50 26 S	26 22 00 E	27 50.433 S	26 22.000 E	1379	T	Railway Station	WSSLSBRN	34	301
129	Westleigh	27 34 40 S	27 18 00 E	27 34.667 S	27 18.000 E	1389	T	Railway Junction	WESTLEGH	78	53
130	Whites	28 00 48 S	26 59 26 E	28 00.800 S	26 59.433 E	1379	T	Railway Station	WHITES	32	93
131	Wimburg	28 30 30 S	27 01 06 E	28 30.500 S	27 01.100 E	1369	T	Railway Station	WIMBURG	66	149
132	Wolmaransstad	27 11 20 S	25 58 17 E	27 11.333 S	25 58.283 E	1379	T	Railway Station	WLMRNSST	113	323
133	Zoltpan	28 04 57 S	25 52 42 E	28 04.950 S	25 52.700 E	1293	T	Saltpan	ZOLTPAN	78	263

Codes*

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