

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Waikerie, South Australia [ Local ] Control Points

Courtesy of Peter B. Robinson (RobinsonP@onesteel.com)

Dated: 22 May 2009

Magnetic Variation: 8.4

Time zone: Australia/South, summer offset from GMT is 10:30 and in winter it is 9:30.

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Versionn 2009a

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*Printed Wednesday, 16 December 2009 at 02:08 GMT*

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User assumes all risk of use.

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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>feet</i>	<i>Codes</i> <sup>*</sup>	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Alawoona	34 44 07 S	140 30 29 E	34 44.117 S	140 30.483 E	230	T		ALAWOONA	75	153
2	Annuello	34 51 20 S	142 49 48 E	34 51.333 S	142 49.800 E	194	T		ANNUELLO	267	115
3	Antwerp	36 17 56 S	142 01 26 E	36 17.933 S	142 01.433 E	400	T		ANTWRP	297	151
4	Arkapena	31 40 17 S	138 38 10 E	31 40.283 S	138 38.167 E	1470	TA	Af	ARKAPENA	308	343
5	Armstrong	34 15 24 S	139 35 57 E	34 15.400 S	139 35.950 E	144	TA	Af	ARMSTRNG	40	267
6	Bakara	34 39 21 S	139 46 52 E	34 39.350 S	139 46.867 E	236	T		BAKARA	57	212
7	Balranald	34 37 18 S	143 34 37 E	34 37.300 S	143 34.617 E	210	TA	Ap	BALRANLD	329	108
8	Bannerton	34 42 04 S	142 47 11 E	34 42.067 S	142 47.183 E	233	T		BANERTON	259	112
9	Beltana	30 49 25 S	138 17 45 E	30 49.417 S	138 17.750 E	554	TA	Af	BELTANA	407	344
10	Beulah	35 56 06 S	142 25 24 E	35 56.100 S	142 25.400 E	400	T		BEULAH	292	141

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Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation feet	Codes*	Turnpoint	ID	Distance Km	Bearing
11	Birchip	35 58 44 S	142 55 16 E	35 58.733 S	142 55.267 E	400	T		BIRCHP	330	136
12	Black Hill	34 42 10 S	139 27 26 E	34 42.167 S	139 27.433 E	197	T		BLACKHIL	78	230
13	Blanchetown	34 20 43 S	139 36 59 E	34 20.717 S	139 36.983 E	66	T		BLANCHTN	42	253
14	Blinman	31 07 06 S	138 43 34 E	31 07.100 S	138 43.567 E	1978	TA	Af	BLINMAN	362	348
15	Booborowie	33 33 44 S	138 45 37 E	33 33.733 S	138 45.617 E	1299	T		BOOBRWIE	136	309
16	Boolcoomata	31 58 07 S	140 33 00 E	31 58.117 S	140 33.000 E	610	TA	Af	BOOLCOOM	251	20
17	Broken Hill	32 00 18 S	141 28 02 E	32 00.300 S	141 28.033 E	922	TA	Ap	BROKEHIL	277	38
18	Buckalow	32 39 42 S	141 14 12 E	32 39.700 S	141 14.200 E	371	TA	Af	BUCKALOW	203	42
19	Burra	33 40 21 S	138 55 16 E	33 40.350 S	138 55.267 E	1558	T		BURRA	117	307
20	Burta Station	32 27 46 S	141 05 02 E	32 27.767 S	141 05.033 E	538	TA	Af	BURTA	215	36
21	Cambrai	34 39 13 S	139 17 12 E	34 39.217 S	139 17.200 E	318	T		CAMBRAI	86	241
22	Canegrass	33 35 09 S	140 00 29 E	33 35.150 S	140 00.483 E	243	TA	Af	CANEGRAS	67	7
23	Canopus	33 29 30 S	140 42 06 E	33 29.500 S	140 42.100 E	187	TA	Af	CANOPUS	99	48
24	Carina	35 15 15 S	141 05 42 E	35 15.250 S	141 05.700 E	308	T		CARINA	154	149
25	Carrieton	32 24 23 S	138 31 14 E	32 24.383 S	138 31.233 E	1424	TA	Af	CARRIETN	242	333
26	Carwarp	34 27 27 S	142 11 58 E	34 27.450 S	142 11.967 E	200	T		CARWARP	202	108
27	Chalk Cliffs	33 37 14 S	139 13 26 E	33 37.233 S	139 13.433 E	702	T		CHALKCLF	97	318
28	Charlton	36 15 47 S	143 20 44 E	36 15.783 S	143 20.733 E	400	T		CHRLTN	380	137
29	Clifden	32 12 40 S	138 34 22 E	32 12.667 S	138 34.367 E	1722	TA	Af	CLIFDEN	258	336
30	Cockburn	32 04 14 S	140 59 49 E	32 04.233 S	140 59.817 E	715	TA	Af	COCKBURN	252	30
31	Coomandook	35 28 12 S	139 41 43 E	35 28.200 S	139 41.717 E	43	T		COOMANDK	146	200
32	Copeville	34 47 39 S	139 50 55 E	34 47.650 S	139 50.917 E	184	T		COPEVILLE	70	202
33	Cowangie	35 14 03 S	141 22 53 E	35 14.050 S	141 22.883 E	157	T		COWANGIE	170	142
34	Cradock	32 04 22 S	138 29 51 E	32 04.367 S	138 29.850 E	1033	T		CRADOCK	275	337
35	Dimboola	36 27 18 S	142 01 42 E	36 27.300 S	142 01.700 E	367	T		DIMBOOLA	311	153
36	Donald	36 22 59 S	143 00 01 E	36 22.983 S	143 00.017 E	400	T		DONALD	364	141
37	Ellam	36 03 15 S	142 02 32 E	36 03.250 S	142 02.533 E	400	T		ELLAM	277	148
38	Eudunda	34 10 32 S	139 05 11 E	34 10.533 S	139 05.183 E	1342	T		EUDUNDA	87	279
39	Farina	30 03 57 S	138 16 27 E	30 03.950 S	138 16.450 E	302	T		FARINA	487	348
40	Farrell Flat	33 49 52 S	138 47 43 E	33 49.867 S	138 47.717 E	1411	T		FARRELLF	120	297
41	Galga	34 41 51 S	139 57 39 E	34 41.850 S	139 57.650 E	233	T		GALGA	57	194
42	Georgetown	33 21 45 S	138 23 18 E	33 21.750 S	138 23.300 E	961	T		GEORGETN	177	309
43	Glenorchy	36 54 14 S	142 39 49 E	36 54.233 S	142 39.817 E	400	T		GLNRCH	385	151
44	Hallett	33 25 11 S	138 53 31 E	33 25.183 S	138 53.517 E	1644	T		HALLETT	135	317
45	Hammond	32 31 15 S	138 18 51 E	32 31.250 S	138 18.850 E	1043	T		HAMMOND	244	327
46	Harriedale	32 48 12 S	141 24 42 E	32 48.200 S	141 24.700 E	318	TA	Af	HARRIEDL	200	49
47	Hattah	34 45 52 S	142 16 46 E	34 45.867 S	142 16.767 E	400	T		HATTAH	216	116
48	Hawker	31 53 20 S	138 25 27 E	31 53.333 S	138 25.450 E	1033	T		HAWKER	296	338
49	Hawker	31 51 15 S	138 28 05 E	31 51.250 S	138 28.083 E	1056	TA	Ap	HAWKERAP	297	339
50	Hawkes	34 04 07 S	140 24 21 E	34 04.117 S	140 24.350 E	161	T		HAWKES	37	78
51	Hay	34 32 03 S	144 49 52 E	34 32.050 S	144 49.867 E	91	TA		HAY	443	105

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Elevation</i> <i>feet</i>	<i>Codes</i> *	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
52	Hopetoun	35 42 59 S	142 21 26 E	35 42.983 S	142 21.433 E	400	TA		HOPETN	272	138
53	Horsham	36 40 16 S	142 10 17 E	36 40.267 S	142 10.283 E	400	TA	A/D	HORSHM	338	154
54	Itteldoo	34 05 49 S	139 41 24 E	34 05.817 S	139 41.400 E	135	TA	Af	ITTELDOO	33	296
55	Jamestown	33 12 07 S	138 36 26 E	33 12.117 S	138 36.433 E	1493	T		JAMESTN	171	318
56	Jeparit	36 08 20 S	141 59 16 E	36 08.333 S	141 59.267 E	400	T		JEPART	281	150
57	Karawinna	34 22 43 S	141 41 50 E	34 22.717 S	141 41.833 E	217	T		KARAWINA	155	107
58	Karoonda	35 05 39 S	139 53 55 E	35 05.650 S	139 53.917 E	223	T		KAROONDA	102	195
59	Kingston Bridge	34 13 47 S	140 21 59 E	34 13.783 S	140 21.983 E	125	T		KINGSTNB	32	108
60	Kingston Winery	34 13 47 S	140 20 21 E	34 13.783 S	140 20.350 E	121	T		KINGSTNW	29	108
61	Laharum	36 52 57 S	142 19 19 E	36 52.950 S	142 19.317 E	400	T		LAHARM	365	154
62	Lake Bellfie	37 10 23 S	142 32 46 E	37 10.383 S	142 32.767 E	400	T		LKBLLF	403	155
63	Lake Cullulleraine	34 16 41 S	141 35 52 E	34 16.683 S	141 35.867 E	141	T		LAKECULL	145	103
64	Lameroo	35 19 49 S	140 31 03 E	35 19.817 S	140 31.050 E	328	T		LAMEROO	135	169
65	Laura	33 11 07 S	138 18 03 E	33 11.117 S	138 18.050 E	823	T		LAURA	195	313
66	Leigh Creek	30 35 47 S	138 25 30 E	30 35.783 S	138 25.500 E	856	TA	Ap	LEIGHCK	426	347
67	Lindsay River	34 06 17 S	141 00 30 E	34 06.283 S	141 00.500 E	177	TA	Af	LINDSAYR	91	93
68	Lock10	34 06 38 S	141 54 13 E	34 06.633 S	141 54.217 E	138	T		LOCK10	173	96
69	Lock2	34 04 39 S	139 55 52 E	34 04.650 S	139 55.867 E	43	T		LOCK2	15	332
70	Loxton Af	34 28 34 S	140 39 54 E	34 28.567 S	140 39.900 E	108	TA		LOXTONAF	67	127
71	Loxton TV Tower	34 27 50 S	140 32 01 E	34 27.833 S	140 32.017 E	154	T		LOXTONTV	56	132
72	Lyndhurst	30 16 23 S	138 22 00 E	30 16.383 S	138 22.000 E	486	TA	Af	LYNDHST	462	348
73	Maggea	34 28 37 S	140 03 53 E	34 28.617 S	140 03.883 E	207	T		MAGGEA	33	182
74	Manna Hill	32 25 40 S	140 00 22 E	32 25.667 S	140 00.367 E	1198	TA	Af	MANNAHIL	195	8
75	Mannum	34 54 37 S	139 19 08 E	34 54.617 S	139 19.133 E	7	T	Ferry	MANNUMF	103	227
76	Maraby	31 49 07 S	138 35 04 E	31 49.117 S	138 35.067 E	1388	TA	Af	MARABY	296	341
77	Maude	34 28 21 S	144 18 07 E	34 28.350 S	144 18.117 E	78	T	Hotel	MAUDE	394	104
78	Melrose	32 49 39 S	138 11 19 E	32 49.650 S	138 11.317 E	1299	T		MELROSE	228	319
79	Melton	32 19 03 S	139 20 52 E	32 19.050 S	139 20.867 E	1047	TA	Af	MELTON	217	351
80	Meribah	34 42 20 S	140 51 11 E	34 42.333 S	140 51.183 E	148	T		MERIBAH	95	136
81	Meringur	34 23 26 S	141 20 03 E	34 23.433 S	141 20.050 E	292	T		MERINGUR	122	110
82	Merna Mora	31 32 41 S	138 23 49 E	31 32.683 S	138 23.817 E	673	TA	Af	MERNAMO	331	341
83	Milpara	33 56 33 S	141 45 39 E	33 56.550 S	141 45.650 E	144	TA	Af	MILPARA	162	89
84	Minyip	36 27 39 S	142 35 10 E	36 27.650 S	142 35.167 E	121	T		MINYIP	343	147
85	Morgan	34 02 19 S	139 40 24 E	34 02.317 S	139 40.400 E	36	T		MORGAN	36	305
86	Morkalla	34 16 18 S	141 08 04 E	34 16.300 S	141 08.067 E	295	T		MORKALLA	102	104
87	Moulamein	35 05 10 S	144 02 26 E	35 05.167 S	144 02.433 E	236	T		MOULAMN	381	115
88	Mount Bryan	33 33 03 S	138 53 36 E	33 33.050 S	138 53.600 E	1696	T		MTBRYAN	126	312
89	Mount Mary	34 06 12 S	139 26 18 E	34 06.200 S	139 26.300 E	312	T		MTMARY	55	288
90	Murrayville	35 15 38 S	141 10 54 E	35 15.633 S	141 10.900 E	217	T		MURRAYV	159	147
91	Nangiloc	34 28 16 S	142 21 09 E	34 28.267 S	142 21.150 E	171	T		NANGILOC	216	108
92	Netherby	36 06 41 S	141 38 51 E	36 06.683 S	141 38.850 E	400	T		NTHRBY	260	154

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation feet	Codes*	Turnpoint	ID	Distance Km	Bearing
93	Netley	32 35 06 S	141 27 05 E	32 35.100 S	141 27.083 E	354	TA	Af	NETLEY	222	45
94	Nildottie	34 39 45 S	139 39 36 E	34 39.750 S	139 39.600 E	157	T		NILDOTTI	63	221
95	Notts Well	34 24 12 S	139 47 44 E	34 24.200 S	139 47.733 E	161	T		NOTTSWEL	32	230
96	Nulla Station	33 49 39 S	141 21 29 E	33 49.650 S	141 21.483 E	164	TA	Af	NULLA	129	81
97	Olary	32 16 40 S	140 20 01 E	32 16.667 S	140 20.017 E	932	TA	Af	OLARY	214	16
98	Old Koomooloo	33 33 28 S	139 42 14 E	33 33.467 S	139 42.233 E	325	TA	Af	OLDKOOM	76	345
99	Oodla Wirra	32 53 04 S	139 03 40 E	32 53.067 S	139 03.667 E	1663	T		ODDLAWIR	170	336
100	Orroroo	32 43 51 S	138 37 06 E	32 43.850 S	138 37.100 E	1378	T		ORROROO	208	329
101	Ouyen	35 04 22 S	142 19 22 E	35 04.367 S	142 19.367 E	190	T		OUYEN	232	124
102	Overland Corner	34 08 50 S	140 19 54 E	34 08.833 S	140 19.900 E	171	T		OVERLAND	28	90
103	Parachilna	31 07 06 S	138 23 05 E	31 07.100 S	138 23.083 E	456	TA	Af	PARACHIL	374	344
104	Paringa	34 10 51 S	140 46 35 E	34 10.850 S	140 46.583 E	102	T		PARINGA	69	98
105	Paruna	34 43 10 S	140 43 50 E	34 43.167 S	140 43.833 E	197	T		PARUNA	88	141
106	Pata	34 33 57 S	140 31 15 E	34 33.950 S	140 31.250 E	154	T		PATA	62	142
107	Peebinga	34 55 48 S	140 54 51 E	34 55.800 S	140 54.850 E	236	T		PEEBINGA	116	144
108	Peterborough	32 58 23 S	138 50 16 E	32 58.383 S	138 50.267 E	1621	T		PETEBORO	174	329
109	Pinnaroo	35 15 40 S	140 54 02 E	35 15.667 S	140 54.033 E	348	T		PINNAROO	144	155
110	Plumbago	32 03 06 S	139 52 20 E	32 03.100 S	139 52.333 E	810	TA	Af	PLUMBAGO	238	5
111	Pooncarie	33 22 28 S	142 34 59 E	33 22.467 S	142 34.983 E	171	TA	Af	POONCARI	253	78
112	Punthari	34 48 58 S	139 18 33 E	34 48.967 S	139 18.550 E	259	T		PUNTHARI	96	231
113	Quorn	32 19 39 S	138 06 18 E	32 19.650 S	138 06.300 E	853	TA	Ap	QUORNAP	273	327
114	Rainbow	35 54 00 S	141 59 36 E	35 54.000 S	141 59.600 E	400	T		RAINBW	262	146
115	Rawnsley Park	31 39 21 S	138 36 25 E	31 39.350 S	138 36.417 E	1391	TA	Af	RAWNSLYP	311	343
116	Red Cliffs	34 18 29 S	142 11 12 E	34 18.483 S	142 11.200 E	161	T		REDCLIFF	199	103
117	Renmark	34 11 53 S	140 40 30 E	34 11.883 S	140 40.500 E	115	TA	Ap	RENMARK	60	100
118	Robinvale	34 35 14 S	142 46 14 E	34 35.233 S	142 46.233 E	213	T		ROBINVAL	256	109
119	Saddleworth	34 05 19 S	138 46 48 E	34 05.317 S	138 46.800 E	1050	T		SADDLEWO	115	283
120	Sandalwood	34 56 46 S	140 07 43 E	34 56.767 S	140 07.717 E	187	T		SANDALWD	85	182
121	Sedan	34 34 23 S	139 17 43 E	34 34.383 S	139 17.717 E	315	T		SEDAN	80	245
122	Spalding	33 29 58 S	138 36 21 E	33 29.967 S	138 36.350 E	932	T		SPALDING	152	308
123	St. Arnaud	36 38 48 S	143 10 48 E	36 38.800 S	143 10.800 E	400	TA	AD	STRNDD	396	143
124	Stevens Creek	31 53 19 S	141 30 41 E	31 53.317 S	141 30.683 E	830	TA	Af	STEVENCK	290	37
125	Stonefield	34 20 37 S	139 18 34 E	34 20.617 S	139 18.567 E	135	TA	Af	STONEFLD	68	263
126	Sunraysia	34 15 40 S	142 03 30 E	34 15.667 S	142 03.500 E	180	TA	Af	SUNRAY	187	102
127	Swan Hill	35 22 41 S	143 32 10 E	35 22.683 S	143 32.167 E	230	TA	Af	SWANHILL	347	122
128	Swan Reach	34 33 51 S	139 35 50 E	34 33.850 S	139 35.833 E	115	T		SWANRCH	58	231
129	Taldra	34 21 01 S	140 50 33 E	34 21.017 S	140 50.550 E	82	T		TALDRA	77	112
130	Taplan East	34 32 24 S	140 54 08 E	34 32.400 S	140 54.133 E	177	T		TAPLANE	90	125
131	Tarcowie	32 57 04 S	138 31 06 E	32 57.067 S	138 31.100 E	1690	T		TARCOWIE	196	322
132	Tarrawi Station	33 26 54 S	141 08 30 E	33 26.900 S	141 08.500 E	213	TA	Af	TARRAWI	132	60
133	Tenneco Station 5	31 58 12 S	139 12 32 E	31 58.200 S	139 12.533 E	676	TA	Af	TENNECO5	258	351

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation feet	Codes*	Turnpoint	ID	Distance Km	Bearing
134	Terowie	33 08 56 S	138 55 16 E	33 08.933 S	138 55.267 E	1624	T		TEROWIE	154	326
135	The Gums	33 51 19 S	139 21 20 E	33 51.317 S	139 21.333 E	36	T		THEGUMS	72	309
136	Tutye	35 12 54 S	141 29 54 E	35 12.900 S	141 29.900 E	220	T		TUTYE	177	139
137	Underbool	35 10 13 S	141 48 45 E	35 10.217 S	141 48.750 E	400	T		UNDRBL	197	133
138	<b>Waikerie</b>	34 11 06 S	140 01 37 E	34 11.100 S	140 01.617 E	148	HSFTA	Ap	WAIKERIE		
139	Walker Flat	34 45 13 S	139 34 08 E	34 45.217 S	139 34.133 E	52	T		WALKERFL	76	222
140	Walpeup	35 08 13 S	142 01 20 E	35 08.217 S	142 01.333 E	400	T		WALPEP	211	129
141	Wanbi	34 45 58 S	140 18 13 E	34 45.967 S	140 18.217 E	262	T		WANBI	69	167
142	Warracknabeal	36 14 26 S	142 23 51 E	36 14.433 S	142 23.850 E	400	T		WRRCKN	314	146
143	Wentworth	34 05 00 S	141 53 00 E	34 05.000 S	141 53.000 E	400	TA		WNTWRT	171	95
144	Willow Springs	31 26 18 S	138 43 55 E	31 26.300 S	138 43.917 E	2192	TA	Af	WILLOWSP	329	346
145	Wilmington	32 38 55 S	138 05 39 E	32 38.917 S	138 05.650 E	1063	T		WILMING	248	321
146	Wilpena	31 31 00 S	138 37 24 E	31 31.000 S	138 37.400 E	1706	TA	Af	WILPENA	324	344
147	Wirrabara	33 02 07 S	138 15 58 E	33 02.117 S	138 15.967 E	1089	T		WIRRABAR	207	316
148	Woolcunda	32 57 32 S	141 33 02 E	32 57.533 S	141 33.033 E	144	TA	Af	WOOLCUND	196	55
149	Woolpunda	34 12 14 S	140 12 46 E	34 12.233 S	140 12.767 E	253	T		WOOLPUND	17	105
150	Worlds End	33 50 07 S	139 04 25 E	33 50.117 S	139 04.417 E	971	T		WORLDEND	96	302
151	Wunkar	34 29 24 S	140 18 04 E	34 29.400 S	140 18.067 E	200	T		WUNKAR	42	152
152	Wycheproof	36 03 43 S	143 13 31 E	36 03.717 S	143 13.517 E	400	T		WYCHPR	358	135
153	Wynarka	35 07 56 S	139 43 51 E	35 07.933 S	139 43.850 E	207	T		WYNARKA	109	203
154	Yaapeet	35 46 13 S	142 03 03 E	35 46.217 S	142 03.050 E	400	T		YAAPET	255	143
155	Yamba	34 15 39 S	140 51 44 E	34 15.650 S	140 51.733 E	102	T	Roadhouse	YAMBA	77	105
156	Yarrara	34 24 14 S	141 25 26 E	34 24.233 S	141 25.433 E	299	T		YARRARA	131	110
157	Yunta	32 34 21 S	139 33 50 E	32 34.350 S	139 33.833 E	1007	TA	Af	YUNTA	184	355

**Codes\***

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