

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Matamata, New Zealand (Kaimai Challenge) Control Points

Courtesy of Philip Plane (philip@xingu.net)

Dated: 14 October 2013

Magnetic Variation: 20.0E

Time zone: NZ, Summer offset from GMT is 13:00 and in Winter it is 12:00.

Printed Monday, 14 October 2013 at 02:29 GMT

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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> <i>M</i>	<i>Codes</i> [*]	<i>Comment</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Matamata	37 44 15 S	175 44 25 E	37 44.247 S	175 44.424 E	180	TAH	Finish		
2	Waitoa	37 35 45 S	175 38 10 E	37 35.753 S	175 38.170 E	66	T	Road Intersection	18	350
3	Tirohia	37 26 21 S	175 38 22 E	37 26.347 S	175 38.361 E	50	T	Bridge	34	5
4	Paeroa	37 22 46 S	175 39 38 E	37 22.765 S	175 39.641 E	49	T	River Bend	40	10
5	Hikutaia	37 16 08 S	175 39 16 E	37 16.132 S	175 39.270 E	49	T	Road Intersection	53	12
6	Kerepehi	37 18 01 S	175 32 06 E	37 18.017 S	175 32.106 E	32	T	Bridge	52	360
7	Thames A/F	37 09 36 S	175 32 42 E	37 09.600 S	175 32.700 E	10	TA	Stopbank	66	5
8	Maramarua	37 15 02 S	175 13 39 E	37 15.035 S	175 13.649 E	164	T	School	71	340
9	Pokeno	37 13 49 S	175 01 01 E	37 13.817 S	175 01.013 E	196	T	Overbridge	85	331
10	Bombay Road Crossing	37 11 32 S	174 58 58 E	37 11.532 S	174 58.970 E	590	T	Overbridge	90	332
11	Drury	37 06 02 S	174 58 29 E	37 06.025 S	174 58.482 E	80	TA	South Boundary	98	336
12	Meremere	37 18 47 S	175 04 04 E	37 18.776 S	175 04.065 E	60	T	Power Station	76	328
13	Ohinewai	37 29 22 S	175 09 24 E	37 29.371 S	175 09.402 E	65	T	Service Station	58	318
14	Huntly	37 32 41 S	175 08 50 E	37 32.679 S	175 08.836 E	80	T	Coal Conveyor	56	312
15	Kaihere	37 22 22 S	175 25 14 E	37 22.371 S	175 25.234 E	60	T	School	49	345

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation M	Codes*	Comment	Distance Km	Bearing
16	Tahuna	37 30 51 S	175 30 22 E	37 30.849 S	175 30.361 E	60	T	Bridge	32	340
17	Tehoe	37 30 48 S	175 19 15 E	37 30.802 S	175 19.254 E	120	T	Road Bend	45	324
18	Whitikahu	37 35 51 S	175 20 49 E	37 35.842 S	175 20.815 E	115	T	Mill Entrance	38	314
19	Morrinsville	37 40 05 S	175 32 33 E	37 40.089 S	175 32.552 E	82	T	Road Intersection	19	314
20	Karapiro	37 55 29 S	175 32 21 E	37 55.487 S	175 32.356 E	230	T	Spillway Gate	27	240
21	Piarere	37 56 35 S	175 40 07 E	37 56.588 S	175 40.111 E	361	T	Road Intersection	24	215
22	Rotorangi	37 58 42 S	175 27 42 E	37 58.700 S	175 27.700 E	246	T	School	36	242
23	Whatawhata	37 47 54 S	175 09 06 E	37 47.896 S	175 09.097 E	72	T	Bridge	52	282
24	Pirongia	37 59 43 S	175 11 36 E	37 59.709 S	175 11.600 E	59	T	Bridge	56	259
25	Otorohanga	38 11 33 S	175 12 30 E	38 11.543 S	175 12.505 E	65	T	Bridge	69	243
26	Te Kuiti	38 19 03 S	175 09 07 E	38 19.058 S	175 09.117 E	160	T	Pond End	83	238
27	Pio Pio	38 28 00 S	175 00 56 E	38 27.996 S	175 00.939 E	460	T	Street/SH Intersection	103	238
28	Bennydale	38 31 20 S	175 21 47 E	38 31.339 S	175 21.785 E	968	T	Hall	93	221
29	Arohena	38 11 35 S	175 36 43 E	38 11.583 S	175 36.722 E	460	T	Hall	52	212
30	Waikeria	38 07 26 S	175 23 02 E	38 07.437 S	175 23.027 E	197	T	Road Intersection	53	236
31	Hinuera	37 52 55 S	175 45 36 E	37 52.920 S	175 45.598 E	250	T	Railway Xing	16	194
32	Te Poi	37 52 22 S	175 50 35 E	37 52.360 S	175 50.575 E	180	T	X Roads	18	169
33	BOP Depot	37 52 23 S	175 52 57 E	37 52.389 S	175 52.947 E	248	T	Main Building	20	160
34	Tirau	37 59 05 S	175 46 05 E	37 59.088 S	175 46.087 E	361	T	Road Intersection	28	195
35	Putaruru	38 03 27 S	175 47 19 E	38 03.458 S	175 47.320 E	656	T	Rail Overbridge	36	193
36	Tokoroa	38 14 42 S	175 53 54 E	38 14.700 S	175 53.900 E	1220	T	South Boundary	58	186
37	Atiamuri	38 23 35 S	176 00 47 E	38 23.582 S	176 00.786 E	656	T	Bridge	77	182
38	Ngakuru	38 20 55 S	176 10 42 E	38 20.923 S	176 10.697 E	670	T	Lake Arm Junction	78	171
39	Reporoa	38 25 29 S	176 18 58 E	38 25.480 S	176 18.970 E	1050	T	Dairy Factory	92	167
40	Murupara	38 27 28 S	176 41 51 E	38 27.469 S	176 41.853 E	590	T	Bridge	116	154
41	Rangataiki	38 52 45 S	176 21 55 E	38 52.746 S	176 21.923 E	2337	T	North end of airstrip	138	177
42	Taupo	38 39 59 S	176 08 02 E	38 39.976 S	176 08.032 E	1443	TA	Gliding Club	109	182
43	Wairakei	38 37 31 S	176 05 21 E	38 37.521 S	176 05.350 E	1115	T	Service Station	103	183
44	Tihoi	38 37 36 S	175 43 20 E	38 37.599 S	175 43.327 E	1686	T	Road Intersection	99	201
45	Mangakino	38 21 12 S	175 44 54 E	38 21.200 S	175 44.900 E	623	T	Spillway Gate	68	199
46	Arapuni	38 04 17 S	175 38 37 E	38 04.291 S	175 38.622 E	295	T	Building at Intake	38	213
47	Matamata Cemetery	37 48 07 S	175 45 09 E	37 48.118 S	175 45.157 E	223	T	Entrance	7.3	191
48	Okoroire	37 57 13 S	175 48 14 E	37 57.223 S	175 48.237 E	328	T	Hotel	25	187
49	Flaxmill Tee	37 20 10 S	175 29 34 E	37 20.170 S	175 29.560 E	50	T	Flaxmill T J	50	354
50	Lower Waitoa	37 29 09 S	175 32 34 E	37 29.150 S	175 32.570 E	80	T		33	348
51	Awaiti	37 23 46 S	175 35 37 E	37 23.770 S	175 35.620 E	33	T	Canal T Junction	40	1
52	Tapapa	37 59 11 S	175 50 27 E	37 59.191 S	175 50.449 E	360	T	Y Junction	29	182
53	Ngatira	38 05 50 S	175 54 04 E	38 05.837 S	175 54.071 E	950	T	Road/Rail CR	42	181
55	Otway	37 29 23 S	175 36 26 E	37 29.385 S	175 36.427 E	32	T	Road Junction	30	357
56	KFC Sheds	38 02 43 S	175 53 50 E	38 02.719 S	175 53.834 E	984	T	Chicken Shed	37	178
57	Kuratau	38 52 54 S	175 40 42 E	38 52.892 S	175 40.703 E	1509	T	Road T Junction	127	202

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58	Pureora	38 30 51 S	175 33 14 E	38 30.854 S	175 33.241 E	1834	T	Forest HQ	88	211
59	Hotel De Vin	37 11 16 S	175 08 48 E	37 11.271 S	175 08.795 E	131	T		81	339
60	S Hwy 2-27	37 17 29 S	175 22 22 E	37 17.477 S	175 22.366 E	60	T	Junction Station	59	347
70	Walton	37 43 48 S	175 42 03 E	37 43.795 S	175 42.047 E	124	TS	Rail Overbridge	3.6	304
71	Waharoa	37 45 41 S	175 45 12 E	37 45.690 S	175 45.199 E	183	TS	Service Station	2.9	177
72	Gordon	37 42 26 S	175 50 02 E	37 42.429 S	175 50.039 E	128	TS		8.9	88
73	Wardville	37 43 25 S	175 46 46 E	37 43.420 S	175 46.772 E	124	TS		3.8	86
74	Finish South	37 44 30 S	175 44 54 E	37 44.500 S	175 44.900 E	182	FA	South End Finish	0.8	144
75	Finish North	37 44 01 S	175 44 05 E	37 44.013 S	175 44.080 E	182	FA	North End Finish	0.7	331
100	Coromandel A/F	36 47 36 S	175 30 30 E	36 47.600 S	175 30.500 E	13	TA		107	9
101	Galatea A/F	38 24 30 S	176 44 36 E	38 24.500 S	176 44.600 E	550	TA	Airfield	115	151
102	Hamilton A/F	37 51 35 S	175 20 04 E	37 51.590 S	175 20.070 E	172	TA	Airfield	38	269
103	Kowhai	39 50 26 S	176 25 10 E	39 50.430 S	176 25.170 E	810	T		241	186
104	Mercer PDZ	37 15 16 S	175 06 32 E	37 15.270 S	175 06.540 E	30	TA		77	334
105	Mihi A/F	38 27 32 S	176 18 01 E	38 27.540 S	176 18.010 E	925	TA	Airfield	94	169
108	Raglan A/F	37 48 10 S	174 51 22 E	37 48.170 S	174 51.360 E	14	TA	Airfield	78	284
110	Rotorua A/F	38 06 20 S	176 19 01 E	38 06.330 S	176 19.020 E	935	TA	Airfield	65	149
111	Taupo A/F	38 44 14 S	176 05 02 E	38 44.230 S	176 05.040 E	1335	TA	Airfield	115	185
112	Tauranga A/F	37 40 11 S	176 11 28 E	37 40.190 S	176 11.460 E	13	TA	Airfield	40	99
114	Te Kowhai A/F	37 44 25 S	175 09 19 E	37 44.420 S	175 09.310 E	110	TA	Airfield	51	289
115	Te Kuiti A/F	38 18 07 S	175 08 29 E	38 18.120 S	175 08.490 E	160	TA	Airfield	82	240
116	Te Pamu	38 36 19 S	176 16 09 E	38 36.310 S	176 16.150 E	1000	T		107	175
118	Tokoroa A/F	38 14 07 S	175 53 19 E	38 14.120 S	175 53.310 E	1221	TA	Airfield	57	187
119	Wharepapa Strip	38 08 32 S	175 33 01 E	38 08.540 S	175 33.010 E	550	TA		48	220
600	Kaimai Yards	37 52 55 S	175 55 15 E	37 52.920 S	175 55.246 E	500	T	Swaps Sheeppyards	23	155
601	Tirohia A/S	37 27 24 S	175 43 29 E	37 27.397 S	175 43.482 E	1133	T		31	17

Codes*

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