

## Auckland Turnpoints 2016

Datum: WGS84

TP No	Name	TP Feature	Lat S	Long E	Alt (M)	Alt (Ft)	Radius	Lat S	Long E
A01	Waipu	River Mouth	35'59.832	174'28.821	1	3	1.0	35 59 49.9	174 28 49.3
A02	Mangawhai Heads	Int Molesworth Rd & Moir Point Rd	36'06.012	174'35.293	38	125	2.0	36 06 00.7	174 35 17.6
A03	Maungaturoto	Bartons Hill	36'07.023	174'18.657	44	144	1.2	36 07 01.4	174 18 39.4
A04	Tomarata	Int Parkiri Block Rd & Meikle Rd	36'13.225	174'38.470	76	249	1.0	36 13 13.5	174 38 28.2
A05	Port Albert	Int Wharehine Rd & Pah Hill Rd	36'17.735	174'25.510	58	190	1.0	36 17 44.1	174 25 30.6
A06	Tamahunga Mountain	Trig	36'17.930	174'42.861	437	1433	1.0	36 17 55.8	174 42 51.6
A07	Wellsford	Railway Overbridge	36'18.201	174'31.600	60	197	1.0	36 18 12.0	174 31 36.0
A08	Wangateau	Playing Fields	36'18.869	174'46.058	2	7	0.4	36 18 52.1	174 46 03.5
A09	Omaha Beach	Surfclub	36'20.393	174'48.845	2	7	0.4	36 20 23.6	174 48 50.7
A10	Matakana	Matakana	36'21.150	174'43.054	15	49	0.5	36 21 09.0	174 43 03.3
A11	Sheep Hill	Hill Top	36'21.880	174'38.272	301	987	0.4	36 21 52.8	174 38 16.3
A12	Kraack	Kraack Hill	36'22.429	174'36.509	300	984	0.4	36 22 25.7	174 36 30.5
A13	Tawharanui	Trig	36'22.126	174'51.437	91	298	1.0	36 22 07.6	174 51 26.2
A14	Jones Bay	Jones Bay	36'22.515	174'49.443	38	125	0.4	36 22 30.9	174 49 26.6
A15	Sandspit	Sandspit	36'23.347	174'43.778	2	7	1.5	36 23 20.8	174 43 46.7
A16	Warkworth	Playing Fields	36'23.888	174'39.540	27	89	1.0	36 23 53.3	174 39 32.4
A17	Kaipara Flats	Kaipara Flats School	36'24.511	174'32.681	38	125	0.4	36 24 30.7	174 32 40.9
A18	Satellite Dish	Satellite Dish	36'26.001	174'39.808	75	246	1.0	36 26 00.0	174 39 48.5
A19	Algies Bay	Trig 3452	36'26.141	174'45.407	25	82	1.0	36 26 08.4	174 45 24.4
A20	Dark Summit	House	36'26.457	174'36.540	297	974	0.4	36 26 27.4	174 36 32.4
A21	Dills North	Stream	36'26.585	174'32.517	100	328	0.4	36 26 35.1	174 32 31.0
A22	Mt Auckland	Trig	36'23.347	174'27.336	304	997	0.4	36 26 42.8	174 27 20.2
A23	Pine Hill	Pine Hill	36'27.866	174'33.289	261	856	0.4	36 27 52.0	174 33 17.3
A24	Ahuroa	Bridge	36'28.799	174'33.605	56	184	1.5	36 28 47.9	174 33 36.3
A25	Tolhopf	Tolhopf Airstrip	36'29.202	174'35.767	177	581	0.4	36 29 12.1	174 35 46.0
A26	Ahuroa Valley	Road End	36'30.074	174'34.247	75	246	2.0	36 30 04.4	174 34 14.8
A27	Makarau	Int Makarau & Burnside Rd	36'33.054	174'29.553	20	66	1.0	36 33 03.3	174 29 33.2
A28	Kaukapakapa	Kaukapakapa School	36'37.075	174'29.695	17	56	1.0	36 37 04.5	174 29 41.7
A29	Waitoki	Waitoki	36'38.073	174'33.085	19	62	1.2	36 38 04.4	174 33 05.1
A30	Rewiti	Rewiti	36'45.411	174'27.156	16	52	1.0	36 45 24.7	174 27 09.4
A31	Hoppers House	Hoppers Happy Hens	36'44.395	174'31.749	38	125	1.0	36 44 23.7	174 31 44.9
A32	Nick House	Nick House	36'39.102	174'36.038	102	335	1.0	36 39 06.1	174 36 02.3
A33	Welch	Airstrip	36'30.747	174'32.232	146	480	0.4	36 30 44.8	174 32 13.9
A34	Riteakawarau	Trig	36'35.706	174'32.938	251	823	0.4	36 35 42.4	174 32 56.3
A35	Pukehuia	Railway Bridge	35'51.940	174'01.774	14	46	3.0	35 51 56.4	174 01 46.5
B01	Peak 222	Hill Top	37'30.970	175'13.532	222	728	1.0	37 30 58.2	175 13 31.9
B02	Pizzini	Int Rutherford & Pizzini Rd	37'31.774	175'14.691	40	131	1.0	37 31 46.4	175 14 41.5
B03	Power Station	Huntly Power Station	37'32.559	175'08.933	19	62	0.8	37 32 33.5	175 08 56.0
B04	Matira	Int Matira & Waikorea Valley Rd	37'34.705	174'50.945	136	446	1.0	37 34 42.3	174 50 56.7
B05	Taupiri	Taupiri Peak	37'36.174	175'11.172	278	912	0.8	37 36 10.4	175 11 10.3
B06	Te Akau	Te Akau School	37'40.095	174'52.450	19	62	1.0	37 40 05.7	174 52 27.0
B07	Hakarimata	Hakarimata Pk	37'39.716	175'07.477	374	1226	1.2	37 39 42.9	175 07 28.6
B08	Te Akau South	Neilson Rd End	37'43.211	174'50.343	19	62	1.0	37 43 12.7	174 50 20.6
B09	Waingarō	Int Ohautira Rd & Te Uku Waingarō Rd	37'43.982	174'58.091	18	59	1.0	37 43 58.9	174 58 05.5
B10	Raglan	Raglan Launch	37'48.904	174'50.130	60	197	1.0	37 48 54.2	174 50 07.8
B11	Te Uku	Int SHW23 & Okete Rd	37'49.748	174'57.400	25	82	1.0	37 49 44.9	174 57 24.0
B12	Kawhia	Beach (Te Puia Springs)	38'03.959	174'46.824	1	3	1.0	38 03 57.5	174 46 49.4
L01	Five Fingers	Trig	36'28.910	174'27.771	260	853	0.4	36 28 54.6	174 27 46.3
L02	Bridges	Aerial	36'29.567	174'28.539	263	863	0.4	36 29 34.0	174 28 32.3
L03	Dills	Trig	36'27.401	174'32.884	216	708	0.4	36 27 24.1	174 32 53.0
L04	Moirs	Weather Station	36'28.270	174'35.150	300	984	0.4	36 28 16.2	174 35 09.0
L05	Gubbs	Gubbs Launch	36'23.093	174'29.061	160	524	0.4	36 23 05.6	174 29 03.6
L06	Pukemore	Pukemore Launch	37'31.984	175'13.418	239	785	0.4	37 31 59.0	175 13 25.1