

A.

NORTH ISLAND MAIN TRUNK RAILWAY.

TABLES OF ALTITUDES.

CENTRAL ROUTE.

Place.	Mileage.	Height above	Intermediate	Intermediate
		Sea-level.	Distance.	Height.
	M. c.	Ft.	M. c.	Ft.
Marton Junction	0 0	455
Hunterville	15 35	870	15 35	415
Summit near Rangatira	19 20	990	3 65	120
Makohine	24 21	842	5 1	148
Powhakarua Tunnel	30 61	1,054	6 40	212
Paengarua	50 26	1,734	19 45	680
Turangare	61 21	2,395	10 75	661
Summit, Murimutu Plains	70 0	2,642	8 59	247
Mangawhero River, near Ohakune	87 40	2,005	17 40	637
Summit, Waimarino	107 45	2,680	20 5	675
Taumararui	141 50	565	24 40	2,115
Ongaruhe Junction	156 50	616	15 0	51
Poru-o-tarao Tunnel	169 77	1,117	13 27	501
Upper Mokau	181 79	671	12 2	446
Te Kuiti	190 49	173	8 50	498
Te Awamutu	216 29	161	25 60	12

NGAIRE ROUTE.

Eltham Junction	0 0	757
Makuri Valley	9 61	528	9 61	229
Makuri-Mangaotuku Summit	16 20	594	6 39	66
Mangaotuku Valley	17 51	475	1 31	119
Mangaotuku-Makahu Summit	30 65	727	13 14	252
Makahu Valley	34 34	634	3 49	93
Makahu-Wangamomona Summit	37 20	688	2 66	54
Wangamomona Valley	41 8	504	3 68	184
Wangamomona-Mauku Summit	48 28	732	7 20	228
Raekohua Valley	51 29	573	3 1	159
Raekohua-Waingarara Summit	52 53	696	1 24	123
Tangarakau Gorge	55 39	435	2 66	261
Tangarakau-Heao Summit	65 8	969	9 49	534
Heao Valley	68 73	592	3 65	377
Heao-Mangaroa Summit	72 12	750	3 19	158
Mangaroa Valley	75 63	499	3 51	251
Niho-niho, Ohura Valley	84 46	522	8 63	23
Ohura-Ongaruhe Summit	101 6	894	16 40	372
Ongaruhe Junction	103 58	616	2 52	278

WAITARA ROUTE.

Waitara	0 40	10
Waiau Summit	6 40	144	6 0	134
Onairo Valley	9 0	16	2 40	128
Onairo-Urenui Summit	10 40	118	1 40	102
Urenui Valley	11 40	25	1 0	93
Urenui-Mimi Summit	14 20	146	2 60	121
Mimi Valley	16 0	21	1 60	125
Mimi-Waitara Summit	27 50	505	11 50	484
Waitara Valley	28 60	480	1 10	25
"	38 20	847	9 40	367
"	42 40	695	4 20	152
Waitara-Tangarakau Summit	43 20	720	0 60	25
Tangarakau Gorge	47 60	435	4 40	285