

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Cape Reinga AWS	214	24.1	17.9	21.0	+1.3	..	..	..	..	..	..	..	..	..	..
Kaitaia Aero EWS	80	26.0	16.4	21.2	+1.1	29.5	15	11.7	27	47	7	-74	19	21	..
Kaitaia EWS	85	25.7	16.1	20.9	+1.0	29.2	15	11.9	28	41	11	-68	16	22	195
Kerikeri EWS	79	25.4	15.4	20.4	+0.7	29.4	12	11.3	28	97	15	-23	29	2	..
Kerikeri Aerodrome Aw	150	25.2	15.2	20.2	+0.7	29.7	12	10.9	26	82	13	-35	31	22	..
Kaikohe AWS	204	24.6	15.0	19.8	+0.8	29.2	13	10.4	25	103	15	-3	47	9	..
Trounson CWS	244	24.0	13.6	18.8	..	26.6	4	8.5	27	34	8	-70	21	22	..
Dargaville 2 EWS	66	25.1	15.3	20.2	+0.7	28.9	5	..	..	59	7	-31	46	22	..
Purerua AWS	82	24.5	16.5	20.5	..	28.5	11	12.7	25	71	13	..	31	22	..
Russell CWS	15	25.4	15.3	20.4	..	29.0	11	10.2	28	84	16	..	35	2	..
Whangarei Aero AWS	37	25.2	16.6	20.9	+0.7	28.9	13	12.2	27	..	..	..	..	..	..
Whangarei EWS	12	25.6	14.7	20.2	..	29.5	14	9.5	27	61	9	..	23	22	187
Mokohinau AWS	60	23.6	19.0	21.3	+1.0	26.4	11	16.2	24	74	10	+9	44	22	..
Leigh 2 EWS	27	24.9	17.2	21.1	+1.0	28.3	12	13.9	25	70	11	+0	46	22	..
Warkworth EWS	72	24.8	13.5	19.2	+0.3	28.1	13	7.8	27	53	9	-35	29	22	..
Whangaparaoa AWS	89	25.3	17.1	21.2	+1.0	29.2	11	13.3	25	29	6	-28	21	22	..
Tiri Tiri Lighthouse	76	23.9	17.2	20.6	+0.8	..	..	13.6	26	47	10	-13	27	22	..
Auckland, Whenuapai A	26	26.0	14.6	20.3	+0.8	29.1	6	8.0	27	..	..	..	..	..	..
Auckland, North Shore	64	25.3	15.4	20.4	..	28.3	6	9.8	27	21	6	..	15	22	239
Auckland, Henderson N	7	26.9	14.7	20.8	+0.8	29.9	15	8.4	27	26	10	-44	12	22	..
Auckland, Motat EWS	16	25.6	15.5	20.6	..	28.4	11	9.9	27	18	5	..	13	22	267
Waiheke Island, Awaro	34	26.3	15.8	21.1	..	29.0	5	11.0	26	59	7	-16	26	21	..
Whitianga Aero AWS	5	25.2	14.5	19.9	+0.6	28.9	12	9.3	26	81	10	-31	47	22	..
Whitianga EWS	1	26.3	14.2	20.3	..	30.6	12	8.5	26	70	10	..	44	22	..
Thames 2	3	26.8	14.6	20.7	+0.9	29.4	6	8.5	..	26	..	-44	..	..	..
Paeroa AWS	18	27.6	14.0	20.8	+1.0	32.3	14	6.1	26	14	2	-71	12	22	..
Toenepe EWS	48	26.3	12.4	19.4	+0.2	30.7	14	5.4	27	..	..	..	..	..	..
Matamata, Hinuera EWS	85	26.7	12.0	19.4	+1.0	30.8	13	5.0	27	13	3	..	12	22	..
Tauranga CWS	3	25.6	16.5	21.1	..	32.6	13	11.1	26	27	5	..	21	22	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	254
Tauranga Aero AWS	4	26.0	16.0	21.0	+1.2	31.6	13	10.2	26	19	3	-67	18	22	..
Te Puke EWS	91	25.3	13.8	19.6	+0.9	32.4	13	9.4	16	38	4	-77	31	22	..
Whakatane Aero AWS	7	25.9	14.4	20.2	+1.0	30.6	6	8.8	26	29	6	-54	21	22	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	270
Whakatane EWS	1	25.2	14.7	20.0	..	30.0	6	8.0	26	44	5	..	30	22	..
White Island AWS	310	21.4	15.9	18.7	..	25.0	13	13.5	25	25	6	..	12	22	..
Mamaku Radar WXT AWS	617	20.9	12.5	16.7	..	26.0	14	9.0	26	..	..	..	..	..	..
Kawerau AWS	42	27.6	14.8	21.2	..	33.9	13	9.7	27	..	..	..	..	..	236
Rotorua EWS	288	25.4	12.5	19.0	..	32.2	13	7.5	27	22	5	..	14	22	248
Rotorua Aero AWS	283	24.7	12.7	18.7	+0.8	29.3	13	7.3	16	..	..	..	..	..	..
Galatea AWS	174	25.3	12.8	19.1	..	32.9	13	6.7	27	17	3	..	14	22	..
Taupo CWS	360	25.5	11.9	18.7	..	31.7	14	5.3	26	28	5	..	26	22	..
Tarapounamu EWS	701	20.7	10.8	15.8	..	29.0	13	5.4	26	28	6	..	16	22	..
Taupo AWS	400	23.6	11.2	17.4	+0.3	29.4	14	2.1	26	29	5	-40	18	22	..
Motu EWS	488	22.7	10.5	16.6	+0.8	30.0	15	2.0	9	203	16	+76	32	2	..
Auckland Aero	7	25.2	16.4	20.8	+0.5	27.9	4	11.7	27	21	8	-50	13	22	..
Auckland Aero Backup	7	25.0	16.5	20.8	..	28.0	4	12.0	27	9	6	..	5	22	..
Ardmore Aero AWS	41	26.1	14.0	20.1	..	29.0	5	8.0	27	..	..	..	..	..	..
Pukekohe EWS	88	25.3	14.5	19.9	+0.8	28.9	14	8.7	27	15	7	-49	8	22	..
Firth Of Thames EWS	3	26.3	12.7	19.5	..	30.0	15	6.1	27	15	5	..	13	22	..
Whatawhata 2 EWS	118	26.1	10.6	18.4	-0.3	29.2	10	5.7	26	18	6	-64	12	22	..
Hamilton, Ruakura 2 E	45	27.7	12.7	20.2	+1.4	32.3	14	5.8	26	14	4	-56	11	22	..
Hamilton AWS	53	27.0	12.4	19.7	+0.9	31.0	14	4.9	27	18	3	-56	15	22	..
Lake Karapiro CWS	55	27.1	15.4	21.3	..	32.1	14	9.8	26	11	5	..	7	22	..
Port Taharoa AWS	27	23.4	16.0	19.7	+0.0	26.5	21	10.2	26	29	7	..	20	22	..
Waikeria EWS	37	26.9	11.8	19.4	..	31.3	14	4.1	26	19	4	..	14	22	229
Te Kuiti EWS	61	27.1	11.9	19.5	+0.8	32.1	14	5.0	26	..	..	..	..	..	..
Pureora Forest CWS	549	22.4	10.1	16.3	..	27.5	14	2.8	27	18	8	..	7	22	..
Taumarunui EWS	170	24.9	10.7	17.8	..	30.1	13	2.2	26	53	6	..	23	22	..
Taumarunui AWS	195	26.2	11.6	18.9	..	31.6	13	2.5	26	47	8	..	24	22	218
Turangi 2 EWS	360	24.9	10.1	17.5	+0.3	30.9	13	1.2	26	66	5	-43	62	22	175
New Plymouth AWS	30	23.2	13.2	18.2	+0.1	26.1	2	7.4	27	85	10	-11	22	24	281
Mt Ruapehu, Chateau E 1097	18.8	6.2	12.5	-0.1	25.3	13	-1.3	26	109	8	-58	77	22	..	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Pahiatua EWS	110	23.3	10.5	16.9	..	27.6	14	0.9	26	54	10	..	38	24	..
Masterton Aero AWS	138	24.9	10.2	17.6	..	33.0	14	1.8	26	45	12	..	19	24	..
Masterton EWS	90	24.7	10.0	17.4	..	33.9	14	1.8	26	33	9	..	19	24	243
Masterton, Te Ore Ore	110	24.9	10.2	17.6	..	32.6	14	2.0	26	40	10	-19	23	24	..
Takapau Plains AWS	330	22.8	10.6	16.7	-0.1	29.6	14	4.3	26	33	8	..	18	24	..
Dannevirke EWS	207	22.6	10.6	16.6	..	28.7	14	1.4	26	35	7	..	20	24	211
Cape Turnagain AWS	292	19.0	14.4	16.7	..	27.0	14	10.0	26	98	13	..	80	24	..
Akitio EWS	245	20.7	13.4	17.1	..	28.1	14	6.8	26	88	9	..	73	24	251
Castlepoint AWS	120	21.7	14.8	18.3	+0.3	30.7	14	8.9	26	24	7	-36	18	24	..
Baring Head	79	20.0	14.1	17.1	..	24.8	11	7.0	26	17	6	..	9	24	..
Te Wharau, Brackenfie	292	23.2	10.9	17.1	..	31.1	14	2.3	26	69	8	..	46	24	..
Martinborough EWS	20	24.8	11.5	18.2	+0.5	30.2	11	2.8	7	29	5	..	22	24	227
Ngawi AWS	6	23.9	15.5	19.7	+1.2	29.7	11	10.1	26	34	7	..	17	24	..
Hicks Bay AWS	46	23.4	16.3	19.9	+0.8	26.1	16	12.7	27	78	11	-43	34	23	..
Gisborne AWS	5	25.2	14.2	19.7	+0.6	..	..	8.5	27	83	11	+15	41	24	..
Gisborne EWS	12	26.1	14.1	20.1	..	33.0	14	9.0	4	88	10	..	33	24	..
Tolaga Bay WXT AWS	12	22.3	14.6	18.5	..	26.6	20	9.5	27	114	18	..	46	24	..
Tutira CWS	235	23.1	13.0	18.1	..	30.2	14	7.2	26	63	9	..	29	24	..
Napier Aero AWS	3	24.7	13.6	19.2	+0.5	32.7	5	8.2	26	46	9	-15	19	24	..
Napier EWS	7	24.7	14.6	19.7	..	33.1	1	8.5	26	50	8	..	23	24	255
Maraekakaho CWS	150	24.3	11.3	17.8	..	31.1	21	6.3	26	31	8	..	21	24	..
Hastings AWS	16	25.1	13.6	19.4	..	32.5	5	7.8	26	55	9	..	33	24	..
Whakatu EWS	5	24.8	12.6	18.7	+0.9	32.1	1	7.0	27	47	7	..	30	24	..
Ashcott Road CWS	212	24.0	10.6	17.3	..	30.8	14	4.0	26	26	8	..	14	24	..
Waipawa EWS	130	25.1	10.8	18.0	..	32.8	14	4.2	26	64	7	..	47	24	231
Wairoa, North Clyde E	15	25.5	13.8	19.7	+0.8	32.5	14	9.2	27	..	..	..	..	..	..
Wairoa Aero AWS	13	24.3	13.4	18.9	..	30.7	14	9.3	9	107	14	..	61	24	..
Mahia Radar WXT AWS	419	19.9	14.4	17.2	..	26.0	5	10.0	25	..	..	..	..	..	..
Mahia AWS	136	22.5	16.1	19.3	+1.0	27.1	5	12.4	25	38	10	-48	14	24	..
Cape Kidnappers WXT A	118	21.6	17.0	19.3	..	29.7	5	..	..	..	..	..	..	..	..
Paraparaumu Aero	5	22.3	13.9	18.1	+0.7	26.0	10	5.0	26	22	8	-44	7	23	233
Paraparaumu Aero AWS	5	22.3	14.0	18.2	+0.8	26.2	11	5.3	26	20	6	-44	8	24	245
Paraparaumu EWS	5	22.1	13.7	17.9	..	25.6	10	5.0	26	20	6	-52	8	24	204
Ohakea AWS	50	23.8	13.3	18.6	..	28.4	11	5.5	26	..	..	..	..	..	..
Palmerston North AWS	40	24.3	11.9	18.1	-0.1	28.9	11	2.5	26	28	8	-43	15	24	..
Levin AWS	14	23.0	13.0	18.0	+0.2	27.3	3	4.2	26	45	9	-40	13	21	..
Levin EWS	23	22.9	12.7	17.8	..	27.0	3	3.7	26	49	8	..	13	21	239
Mana Island AWS	100	19.2	14.7	17.0	..	22.1	10	7.8	26	15	4	..	9	24	..
Porirua, Elsdon Park	3	21.5	14.0	17.8	..	25.2	3	4.8	26	25	6	..	13	24	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	246
Wellington, Kelburn A	125	20.9	14.3	17.6	+0.4	26.0	11	7.7	26	31	10	-40	13	24	..
Wellington Aero	4	22.1	15.0	18.6	+0.6	26.9	11	8.6	26	31	7	-30	14	24	..
Wellington, Greta Poi	3	22.4	15.0	18.7	..	28.6	11	9.5	26	21	6	..	12	24	..
Wellington Aero Backu	4	22.2	15.2	18.7	..	27.0	10	9.0	26	31	8	..	15	24	..
Upper Hutt, Trentham	50	23.0	10.3	16.7	..	28.1	11	0.9	26	40	6	..	20	24	239
Stratford EWS	280	22.1	10.7	16.4	+0.1	..	..	..	..	..	..	..	..	..	..
Hawera AWS	98	21.3	12.5	16.9	+0.0	26.0	20	3.7	26	30	9	-43	9	24	..
Ohakune EWS	607	22.4	8.8	15.6	+0.2	28.6	14	0.1	26	29	7	-56	10	24	179
Waiouru Treatment Pla	806	21.5	8.7	15.1	+0.8	27.3	14	0.5	26	29	9	-40	11	22	..
Waiouru Airstrip AWS	818	20.6	7.9	14.3	..	26.4	14	-0.7	26	28	12	..	12	22	..
Waiouru EWS	803	21.1	9.0	15.1	..	27.2	14	0.7	26	31	10	..	12	22	..
Taihape Rec	433	25.5	9.4	17.5	+0.8	32.3	14	1.0	26	52	9	-8	34	21	..
Flat Hills WXT AWS	263	23.1	11.7	17.4	..	28.0	10	3.3	26	3	7	-69	1	1	..
Wanganui, Spriggens Pa	15	23.2	13.6	18.4	+0.0	26.8	10	6.2	26	15	8	-62	6	23	..
Wanganui AWS	8	22.8	13.9	18.4	+0.3	26.0	1	5.8	26	18	6	-36	6	23	..
Wanganui 2 AWS	18	24.2	13.5	18.9	..	27.0	4	6.0	26	..	..	..	..	..	..
Takaka EWS	20	24.6	10.2	17.4	+0.0	29.4	12	3.9	25	14	3	-104	8	23	275
Farewell Spit AWS	3	23.2	15.4	19.3	+1.2	27.2	13	11.5	26	18	5	-51	12	24	..
Westport Aero AWS	2	21.1	12.9	17.0	+0.3	23.2	11	7.9	28	71	12	-57	18	14	..
Westport EWS	6	21.6	13.3	17.5	..	24.0	14	8.1	26	79	15	..	19	14	261
Arapito EWS	18	22.5	11.2	16.9	..	27.3	14	3.8	25	58	13	..	22	8	218
Hokitika Aero	39	20.3	11.8	16.1	+0.1	25.1	11	5.2	28	102	13	-87	25	21	228
Hokitika AWS	38	20.2	11.7	16.0	+0.0	25.1	11	5.4	28	107	15	-97	26	21	250

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs			
Hokitika EWS	39	20.3	11.7	16.0	..	25.4	11	5.1	28	70	13	..	19	21	..
Reefton EWS	198	24.4	11.5	18.0	+1.0	28.8	13	4.5	26	25	8	-81	11	23	205
Greymouth Aero EWS	5	19.9	12.5	16.2	..	24.2	11	7.0	28	107	14	..	24	20	239
Pigeon Creek CWS	105	21.4	11.9	16.7	..	26.1	11	5.6	26	204	15	..	48	14	..
Mt Philistine EWS	1655	9.8	3.8	6.8	..	14.9	11	-1.6	28	269	19	..	53	21	..
Mahanga EWS	1995	11.0	3.4	7.2	..	16.9	13	-3.9	25	46	12	..	13	1	..
Ivory Glacier CWS	1390	12.2	6.5	9.4	..	18.6	13	1.8	28	322	15	..	99	21	..
Franz Josef EWS	80	20.5	10.6	15.6	+0.1	25.3	11	3.5	28	265	13	..	87	21	211
Haast AWS	5	18.9	11.4	15.2	+0.3	22.4	11	5.4	28	..	..	..	..	..	..
Milford Sound	3	..	10.0	..	..	..	..	..	..	..	..	..	..	..	..
Milford Sound AWS	3	20.0	10.7	15.4	+0.2	25.1	10	4.8	28	679	24	..	193	19	..
Castle Mount EWS	2000	6.8	-0.2	3.3	..	10.6	25	-6.7	28	766	23	..	172	19	..
Secretary Island AWS	19	19.0	12.0	15.5	+0.5	..	..	6.6	28	..	..	..	145	19	..
Puysegur Point AWS	44	17.7	12.4	15.1	+1.2	24.1	10	7.1	7	..	..	..	..	..	..
Stephens Island	187	20.2	14.5	17.4	+0.9	23.8	13	..	..	67	8	..	28	23	..
Stephens Island AWS	180	19.3	14.3	16.8	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	25.5	12.1	18.8	+1.2	31.6	4	6.5	26	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	22.6	14.2	18.4	+0.4	26.5	5	9.2	26	71	8	-31	33	24	..
Nelson Aero	2	23.3	13.9	18.6	+0.7	29.6	5	7.4	25	6	3	-58	3	11	274
Appleby 2 EWS	18	23.8	10.8	17.3	-0.3	28.8	5	3.4	26	5	2	..	4	23	286
Richmond EWS	1	24.0	13.1	18.6	..	30.4	5	7.6	25	2	3	..	1	24	289
Nelson AWS	4	23.0	14.2	18.6	+0.4	29.6	5	7.5	25	5	3	..	2	24	..
Blenheim Research EWS	4	25.0	12.7	18.9	+1.1	31.7	5	6.7	26	8	3	-38	4	24	289
Blenheim Aero AWS	35	26.1	10.9	18.5	+0.8	32.9	19	4.1	7	6	4	-43	3	24	..
Brothers Island AWS	68	18.8	15.0	16.9	+0.3	24.1	3	11.5	25	24	7	..	14	24	..
Cape Campbell AWS	2	19.3	14.5	16.9	+0.1	25.5	5	11.1	25	22	5	-17	14	23	..
Hanmer Forest EWS	363	26.0	6.8	16.4	+0.8	35.0	14	0.4	2	76	10	+12	30	23	..
Kaikoura, Middle Cree	5	21.6	10.1	15.9	..	29.0	22	4.2	26	27	13	..	8	5	..
Kaikoura AWS	105	21.3	13.3	17.3	+0.8	28.7	4	8.2	26	91	8	+39	68	23	..
Arthurs Pass	745	18.1	8.9	13.5	+0.4	23.3	11	0.6	28	136	13	-131	27	21	..
Arthurs Pass EWS	745	17.9	8.8	13.4	-0.1	23.1	11	0.6	28	127	14	-142	26	21	..
Arthurs Pass AWS	743	17.2	8.8	13.0	..	22.5	11	0.5	28	149	16	..	30	21	..
Culverden AWS	181	23.8	10.1	17.0	..	31.5	14	3.8	26	..	..	..	..	..	..
Medbury CWS	232	25.0	9.8	17.4	..	32.4	11	2.8	26	46	8	..	30	23	..
Balmoral East CWS	172	23.8	9.6	16.7	..	30.5	14	3.8	26	75	12	..	32	23	..
Waipara North Branch	560	22.0	10.1	16.1	..	28.4	11	1.0	28	72	9	..	49	23	..
Waiiau School CWS	136	25.7	10.4	18.1	..	35.3	14	3.7	26	75	10	..	48	23	..
Cheviot EWS	75	26.1	9.6	17.9	..	35.6	14	3.6	2	73	7	..	42	23	261
Upper Rakaia EWS	1752	11.1	3.7	7.4	..	16.6	13	-3.2	25	125	18	..	36	21	..
Mt Potts EWS	2128	10.7	2.6	6.7	..	18.4	4	-6.2	28	70	7	..	25	21	..
Mt Cook EWS	730	20.2	9.1	14.7	+0.1	27.6	4	0.8	28	227	12	-33	62	21	168
Mueller Hut EWS	1818	10.3	3.5	6.9	..	16.2	4	-5.5	25	280	17	..	80	21	..
Mt Cook Aero AWS	659	21.0	8.6	14.8	..	27.6	4	0.0	28	..	..	..	..	..	..
Methven, Three Spring	305	22.6	10.0	16.3	..	31.8	4	3.3	28	..	..	..	..	..	..
Methven CWS	313	23.3	10.7	17.0	..	31.0	4	2.1	28	76	9	..	42	23	..
Winchmore 2 EWS	164	24.5	9.0	16.8	..	33.7	4	1.8	28	46	8	..	20	23	244
Chertsey CWS	108	23.6	10.6	17.1	..	32.2	4	0.3	28	38	9	..	18	23	..
Lismore, Racemans Hou	168	22.5	10.1	16.3	..	30.0	10	1.5	28	63	8	..	27	23	..
Ashburton Aero AWS	89	23.9	10.3	17.1	..	32.4	4	3.9	8	61	9	..	25	23	233
Wakanui 2 CWS	53	23.2	10.5	16.9	..	32.0	10	4.1	17	48	9	..	23	24	..
Waipara West EWS	130	24.8	10.9	17.9	..	31.7	4	5.3	28	20	7	..	9	23	250
West Eyreton, Larunde	88	23.1	9.9	16.5	..	30.6	4	3.8	26	..	..	..	..	..	..
Ohoka CWS	..	23.6	10.0	16.8	..	32.3	14	3.2	26	19	13	..	5	23	..
Rangiora EWS	23	23.8	10.2	17.0	+0.6	32.2	14	4.4	26	20	8	..	10	23	255
Christchurch Aero	37	24.5	11.0	17.8	+1.0	32.9	14	3.3	7	19	8	-24	10	24	248
Christchurch Aero Bac	37	23.8	10.7	17.3	..	..	..	..	..	..	..	..	..	..	..
Christchurch, Kyle St	6	24.3	12.9	18.6	+1.7	31.6	14	6.4	28	12	6	..	6	24	..
Lincoln, Broadfield E	18	23.9	11.6	17.8	+1.2	32.7	4	4.8	7	29	7	-12	14	24	249
Sugar Loaf AWS	496	21.2	11.3	16.3	..	28.5	4	5.7	28	..	..	..	..	..	..
Diamond Harbour EWS	122	23.7	13.0	18.4	..	31.8	4	7.9	7	13	4	..	6	27	..
Dorie CWS @ Leferinks	55	23.1	11.1	17.1	..	30.8	11	4.6	28	..	..	..	..	..	..
Akaroa EWS	45	24.7	12.4	18.6	+1.5	32.8	14	7.0	28	46	5	-7	22	24	242
Le Bons Bay AWS	236	19.6	12.4	16.0	+0.6	27.3	14	6.2	28	..	..	..	..	..	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Lake Tekapo, Air Safa	762	22.8	7.1	15.0	+0.2	30.7	4	0.0	28	27	7	-9	10	14	..
Lake Tekapo EWS	762	23.7	7.8	15.8	+1.0	31.7	4	-0.2	28	23	6	..	9	14	270
Fairlie AWS	403	21.8	9.8	15.8	..	31.3	4	3.4	25	43	10	..	20	23	..
Pukaki Aerodrome AWS	473	25.8	7.4	16.6	..	33.0	4	-0.1	23	20	5	..	8	23	..
Hakataramea Valley Cw	355	24.2	8.8	16.5	..	31.7	4	2.3	25	9	6	..	3	14	..
Orari Estate	81	23.7	10.1	16.9	+1.0	31.5	14	2.9	28	35	9	-30	19	23	..
Orari Estate CWS	81	22.8	10.3	16.6	..	30.3	14	3.6	28	32	9	..	19	23	..
Timaru Aero AWS	26	22.3	9.2	15.8	+0.3	..	..	1.5	28	..	..	..	..	..	..
Timaru EWS	17	20.7	10.9	15.8	+0.1	28.9	19	4.2	28	34	11	-16	11	14	..
Waimate CWS	39	21.4	10.5	16.0	..	30.0	19	5.3	26	23	9	..	6	14	..
Oamaru Airport AWS	30	20.6	10.9	15.8	+0.9	..	..	5.7	25	..	..	..	..	..	..
Albert Burn	1280	13.8	5.5	9.7	..	18.0	3	-1.6	28	205	15	..	36	19	..
Mt Larkins EWS	1900	7.7	1.5	4.6	..	11.9	3	-5.8	28	116	17	..	23	19	..
Eglinton, Knobs Flat	365	19.8	7.6	13.7	..	24.7	10	0.0	25	143	16	..	40	19	..
Tara Hills AWS	488	24.1	7.5	15.8	-0.2	30.2	4	-1.4	25	32	7	-1	18	7	..
Wanaka CWS	331	22.4	10.6	16.5	..	26.7	4	2.6	25	26	7	..	5	11	..
Wanaka Aero AWS	352	23.4	10.7	17.1	+0.1	..	..	2.5	28	22	7	-13	6	1	..
Windsor EWS	81	21.3	9.3	15.3	+0.4	28.6	19	2.5	25	32	7	-18	15	27	..
Ranfurly EWS	450	23.4	7.3	15.4	+1.0	30.4	13	0.5	7	15	4	-22	8	14	..
Oamaru AWS	40	21.0	11.3	16.2	+1.0	..	..	5.6	25	28	8	..	9	27	..
Palmerston	21	21.3	9.2	15.3	+0.6	30.4	10	3.9	23	19	9	-37	5	14	..
Middlemarch EWS	213	23.5	7.2	15.4	+0.5	31.8	4	1.5	7	32	10	..	9	23	189
Swampy Summit AWS	722	17.2	7.6	12.4	..	26.0	10	1.6	25	..	..	..	..	..	..
Dunedin Aero AWS	1	22.1	8.7	15.4	+0.6	31.4	10	2.4	7	15	12	-48	4	14	..
Dunedin, Musselburgh	4	20.2	12.1	16.2	+1.2	29.8	19	6.3	7	19	10	-49	6	15	224
Oamaru EWS	20	20.1	10.9	15.5	..	27.2	10	5.9	7	33	10	..	16	27	231
Murchison Mtns EWS	1140	12.4	5.5	9.0	..	17.5	11	-1.7	28	263	19	..	64	19	..
Takahe Valley CWS	895	13.8	4.7	9.3	..	18.5	13	-2.4	28	199	16	..	52	19	..
Manapouri, West Arm J	178	18.5	9.3	13.9	-0.2	25.1	10	2.9	28	327	17	..	105	19	..
Manapouri Aero AWS	209	20.3	7.9	14.1	-0.2	..	..	-0.7	7	70	12	-15	26	19	..
Birchwood WXT AWS	147	19.8	9.4	14.6	..	27.5	13	3.2	7	35	18	..	11	14	..
Queenstown	322	23.3	10.4	16.9	+0.2	28.1	13	3.8	28	36	9	-25	9	14	228
Queenstown EWS	322	22.7	9.9	16.3	..	27.8	13	3.3	28	35	9	..	9	14	..
Queenstown Aero AWS	354	21.8	9.2	15.5	+0.1	25.7	21	2.6	25	26	8	-22	7	19	..
Five Rivers CWS	260	20.8	7.8	14.3	..	28.5	13	0.8	25	62	12	..	12	14	..
Lumsden AWS	187	21.2	8.4	14.8	+0.5	28.7	13	0.6	7	..	..	..	..	..	..
Waipounamu CWS	152	21.6	8.3	15.0	..	29.8	13	1.4	7	46	15	..	10	27	..
Cromwell EWS	213	25.2	9.5	17.4	+0.1	31.2	4	3.3	28	15	6	..	4	1	252
Lauder EWS	375	23.9	8.6	16.3	+0.7	30.2	13	1.7	7	30	7	-9	17	1	..
Alexandra	150	25.2	9.7	17.5	+0.0	31.5	..	1.6	25	27	8	..	14	14	..
Alexandra CWS	140	24.6	9.7	17.2	..	31.2	4	2.0	25	34	10	..	14	14	..
Clyde 2 EWS	170	24.9	8.5	16.7	..	31.2	13	0.9	25	37	6	..	14	14	..
Alexandra AWS	230	24.3	8.6	16.5	..	30.8	4	1.9	25	33	7	..	12	14	..
Roxburgh WXT AWS	160	22.5	10.3	16.4	..	30.0	4	3.8	25	..	..	..	..	..	..
Waitutu CWS	30	20.5	8.9	14.7	..	27.4	11	3.7	25	181	17	..	44	19	..
Gore AWS	123	20.2	9.3	14.8	+0.7	28.5	10	2.0	25	51	11	-34	11	21	..
Gore EWS	60	20.6	7.9	14.3	..	29.5	9	1.2	25	48	11	..	10	21	204
Invercargill Aero	1	19.8	10.1	15.0	+1.1	29.2	13	3.3	7	62	19	-25	14	19	196
Invercargill Aero AWS	1	19.7	9.9	14.8	+0.9	29.2	13	2.8	7	59	18	..	12	19	..
Invercargill Aero 2 E		19.8	9.8	14.8	..	29.2	13	3.0	7	67	17	..	16	19	201
Tiwai Point EWS	5	19.2	11.3	15.3	+0.9	28.7	13	4.6	7	54	17	-29	16	19	..
Balclutha, Telford Ew	11	21.4	9.2	15.3	..	31.5	10	1.2	7	24	16	..	6	19	170
Nugget Point AWS	129	18.8	10.7	14.8	+0.9	25.9	11	5.7	28	..	..	..	..	..	..
Tautuku	25	19.6	9.8	14.7	+1.0	30.5	10	4.5	25	59	13	-39	16	27	..
South West Cape AWS	101	17.1	11.3	14.2	+1.2	27.0	13	7.5	28	..	..	..	..	..	..
Kiribati,Cassidy Chri	3	..	25.8	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.7	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.7	24.3	28.0	..	35.0	27	22.6	27	..	..	..	..	..	..
Solomon, Henderson	9	31.9	23.7	27.8	..	34.9	27	..	..	286	21	..	46	7	..
Vanuatu,Sola	13	31.6	24.2	27.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	31.8	23.1	27.5	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.9	23.6	27.3	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	24.9	..	..	..	..	..	..	262	20	..	142	1	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Casey	41	0.3	-5.0	-2.4	..	3.0	21	-7.7	7	..	..	..	..	..
Wilkins Runway East	755	-4.7	-11.7	-8.2	..	..	..	-16.5	15	..	..	..	..	..
Durmout Durville	43	-1.0	-7.0	-4.0	..	4.9	16	..	..	..	..	..	..	..
Mcmurdo	24	-5.2	-10.3	-7.8	..	-0.3	8	-17.3	17	..	..	..	..	..
Ant Arrival Heights E	218	-7.1	-12.4	-9.8	..	..	..	..	..	..	..	..	..	..
Ant Scott Base EWS	20	-6.4	-13.2	-9.8	..	..	..	..	..	..	..	..	..	..
Casey, Skiway South	392	1.0	-9.5	-4.3	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	33.1	21.6	27.4	..	34.6	22	18.6	2	..	..	..	..	..
Hobart Airport	4	26.5	12.6	19.6	..	33.6	12	7.3	24	40	10	..	14	6	
Late returns and corrections for January 2019															
Tiri Tiri Lighthouse	76	24.1	17.3	20.7	+1.4	..	..	..	..	11	2	-51	8	14	..
Auckland, North Shore	64	24.9	16.6	20.8	..	30.4	29	12.6	15	15	4	..	12	14	..
Auckland, Henderson N	7	26.3	16.4	21.4	+1.7	31.7	29	11.5	25	33	8	-49	22	14	..
Thames 2	3	26.3	16.7	21.5	+2.1	29.0	29	12.8	9	26	7	-39	20	14	..
Taupo AWS	400	24.2	14.2	19.2	+2.1	30.5	31	9.5	26	60	5	-18	36	15	..
Hamilton, Ruakura 2 E	45	26.6	14.5	20.6	+2.2	32.9	29	9.1	15	23	6	-56	14	13	271
Taumarunui EWS	170	25.2	12.5	18.9	..	31.9	29	7.3	12	..	..	..	..	..	..
Wairoa, North Clyde E	15	27.8	15.2	21.5	+2.3	33.7	28	11.1	13	..	..	..	..	..	..
Taihape Rec	433	26.4	12.2	19.3	+2.6	32.5	29	5.0	8	34	8	-36	14	14	..
Okarito	2	19.3	11.7	15.5	-0.3	..	..	..	..	289	..	-24	59	23	..
Stephens Island	187	21.3	14.8	18.1	+2.1	26.5	29	10.5	24	6	7	..	3	13	..
Appleby 2 EWS	18	25.7	12.2	19.0	+1.6	32.6	28	5.9	25	4	4	..	3	13	355
Richmond EWS	1	26.3	14.7	20.5	..	33.8	27	10.1	5	6	4	..	4	13	355
Blenheim Research EWS	4	26.8	14.5	20.7	+2.6	35.0	28	8.3	25	4	2	-41	2	14	318
Blenheim Aero AWS	35	27.8	13.0	20.4	+2.4	35.3	27	5.8	25	18	3	-31	14	13	..
Christchurch Aero	37	25.1	13.4	19.3	+2.1	33.0	23	7.3	24	30	11	-6	9	14	251
Dorie CWS @ Leferinks	55	23.4	12.8	18.1	..	31.4	31	5.3	24	..	..	..	..	..	..
Akaroa EWS	45	25.4	13.8	19.6	+2.1	32.1	30	9.1	24	50	7	-1	22	13	271
Ranfurly EWS	450	24.0	9.2	16.6	+1.5	33.7	31	2.7	24	73	6	+20	27	6	..
Ophir 2	305	25.0	8.9	17.0	..	32.5	31	-0.2	24	59	6	..	30	6	..
Winton 2	44	22.6	11.1	16.9	+2.1	30.8	30	5.0	12	127	11	+26	41	5	..
Thornbury	20	22.5	11.0	16.8	..	30.0	30	5.3	12	117	20	..	27	5	..
Balclutha, Finegand	6	21.3	11.6	16.5	+1.4	..	..	..	..	63	15	-7	18	27	..
South West Cape AWS	101	17.1	11.0	14.1	+1.0	22.5	31	7.5	24	..	..	..	..	..	..
New Cal, Poinoimie	13	29.9	22.5	26.2	..	31.3	22	18.7	1	..	..	..	..	..	..
Tuamotu, Takaroa	2	31.3	25.6	28.5	..	..	..	22.9	27	29	24	..	8	9	..
Late returns and corrections for December 2018															
Tiri Tiri Lighthouse	76	21.5	15.2	18.4	+0.6	24.6	19	11.6	6	191	13	+117	57	24	..
Hamilton, Ruakura 2 E	45	24.1	13.0	18.6	+1.6	27.6	16	6.0	7	184	15	+86	43	19	218
Taumarunui EWS	170	22.7	10.8	16.8	..	27.6	16	3.3	7	..	..	..	..	..	..
Appleby 2 EWS	18	22.2	11.4	16.8	+0.8	29.2	31	7.0	7	60	15	..	16	19	235
Richmond EWS	1	22.6	13.2	17.9	..	28.6	18	7.7	7	62	14	..	14	21	237
Blenheim Research EWS	4	21.8	13.1	17.5	+0.8	..	..	..	..	54	10	-1	15	25	213
Blenheim Aero AWS	35	22.6	12.1	17.4	+0.8	30.9	30	4.3	7	57	14	-1	16	25	..
Christchurch Gardens	7	20.5	12.6	16.6	+0.5	28.7	29	6.5	7	108	13	+59	49	19	..
Akaroa EWS	45	20.4	12.4	16.4	+0.4	30.5	30	7.6	21	53	11	-10	26	22	166
Tapanui	180	21.8	9.7	15.8	+2.5	29.9	29	1.5	..	74	16	-19	26	4	..
Thornbury	20	22.1	9.8	16.0	..	29.8	29	2.2	23	61	11	..	29	4	..
Late returns and corrections for November 2018															
Tiri Tiri Lighthouse	76	18.8	12.7	15.8	+0.0	22.9	..	..	..	65	..	+8	26	24	..
Hamilton, Ruakura 2 E	45	21.6	9.6	15.6	+0.7	26.1	29	3.0	20	79	16	-4	25	21	189
Taumarunui EWS	170	19.2	7.7	13.5	..	23.7	13	-0.5	2	97	19	..	25	12	..
Hanmer Forest EWS	363	19.3	4.4	11.9	-0.2	29.1	8	-2.8	21	134	15	+40	41	27	..
Akaroa EWS	45	18.6	9.3	14.0	+0.0	28.6	8	4.6	20	140	14	+70	28	18	217
Late returns and corrections for October 2018															
Tiri Tiri Lighthouse	76	17.7	11.2	14.5	+0.3	20.4	22	7.4	13	36	9	-44	28	11	..
Taumarunui EWS	170	17.6	5.3	11.5	..	22.1	19	-1.5	14	..	..	..	..	..	..
Akaroa EWS	45	17.3	7.8	12.6	+0.3	26.2	24	3.5	13	78	10	-4	21	31	227

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall				Bright Sun-shine	
		Means of		Mean of A and B	Differ-ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ-ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall		Date
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs				
		Late returns and corrections for September 2018													
Akaroa EWS	45	14.7	6.4	10.6	+0.2	22.3	16	0.9	7	97	7	+27	44	2	185
		Late returns and corrections for August 2018													
Akaroa EWS	45	13.5	6.2	9.9	+1.3	18.9	27	1.5	19	54	14	-69	27	17	146
		Late returns and corrections for July 2018													
Akaroa EWS	45	13.9	5.2	9.6	+2.2	19.5	7	1.2	25	101	9	-30	43	15	153

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1981-2010.

No normals are available for stations with only short records.

A rain day is a day with rainfall equal to or greater than 0.1 mm.

Where the extremes of temperature and rainfall occurred more than once during the month, the date of the first is given.

©2019. All rights reserved National Institute of Water and Atmospheric Research Ltd.