



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		
Cape Reinga AWS	214	18.0	12.8	15.4	-0.2	21.3	23	10.0	18	..	..	..	..	..	
Kaitaia Aero EWS	80	19.7	12.8	16.3	+0.5	23.6	23	6.4	1	102	14	+29	45	6	
Kaitaia Observatory	85	19.9	12.0	16.0	..	24.0	22	7.2	1	93	13	+6	33	6	
Kaitaia EWS	85	19.6	12.2	15.9	+0.0	23.8	22	7.2	1	95	11	+13	35	6	
Kerikeri EWS	79	21.6	10.8	16.2	+0.4	25.6	10	..	..	119	8	+11	37	6	
Kerikeri Aerodrome Aw	150	21.5	10.9	16.2	+0.5	25.1	10	5.0	1	113	13	-1	42	6	
Kaikohe AWS	204	18.9	11.2	15.1	+0.1	..	..	6.8	1	107	13	+11	46	6	
Trounson CWS	244	18.0	10.7	14.4	..	22.2	23	6.6	24	138	14	+36	39	17	
Dargaville 2 EWS	66	19.4	12.1	15.8	+0.2	23.2	6	7.5	1	94	12	+40	28	6	
Purerua AWS	82	20.1	11.9	16.0	..	..	..	7.9	1	105	9	..	31	6	
Russell CWS	15	21.6	10.9	16.3	..	26.0	9	0.4	9	112	17	..	33	11	
Whangarei Aero AWS	37	21.7	12.9	17.3	+0.8	25.6	23	6.8	1	73	14	-3	47	6	
Whangarei EWS	12	21.6	11.2	16.4	..	26.3	24	4.2	1	80	12	..	48	6	
Mokohinau AWS	60	..	14.0	..	..	..	..	..	..	..	..	..	..	..	
Leigh 2 EWS	27	20.6	12.8	16.7	+0.5	23.4	6	9.6	3	127	13	+58	79	6	
Warkworth EWS	72	19.4	11.1	15.3	+0.1	23.1	23	3.2	1	120	17	+28	39	6	
Whangaparaoa AWS	89	19.7	12.4	16.1	+0.0	..	..	9.6	1	113	15	+52	49	6	
Auckland, Whenuapai A	26	19.5	11.9	15.7	+0.3	23.8	24	3.7	1	..	..	..	..	..	
North Shore, Auckland	20	19.9	13.6	16.8	+0.5	..	..	..	..	..	..	..	..	..	
Auckland, North Shore	64	19.7	12.4	16.1	..	23.2	6	4.9	1	80	14	..	20	6	
Auckland, Henderson N	7	21.1	12.0	16.6	+0.4	26.1	24	2.9	1	108	17	+13	22	7	
Lincoln Rd, Auckland	25	19.6	12.6	16.1	+0.1	23.8	24	4.6	1	..	..	..	..	..	
Auckland, Motat EWS	16	20.0	12.5	16.3	..	22.9	6	4.2	1	71	15	..	15	16	
Waiheke Island, Awaro	34	20.1	13.1	16.6	..	23.2	23	7.0	1	130	13	+49	58	6	
Whitianga Aero AWS	5	21.0	12.0	16.5	+0.7	..	..	4.2	1	..	..	..	..	..	
Whitianga EWS	1	21.6	11.3	16.5	..	26.8	22	2.8	1	150	13	..	42	15	
Thames 2	3	21.0	12.3	16.7	+0.7	24.6	24	5.6	1	100	10	+26	40	6	
Paeroa AWS	18	20.6	11.0	15.8	+0.0	..	..	3.9	1	..	..	..	..	..	
Holland Road, Hamilto	45	19.4	10.3	14.9	..	23.5	24	3.0	1	..	..	..	..	..	
Toenepi EWS	48	19.4	10.4	14.9	-0.2	24.3	24	3.1	1	..	..	..	..	..	
Matamata, Hinuera EWS	106	19.3	8.7	14.0	-0.5	24.7	22	2.4	1	..	..	..	..	..	
Tauranga CWS	3	20.3	11.4	15.9	..	26.0	23	-17.0	8	..	..	..	..	..	
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	243	
Tauranga Aero AWS	4	21.0	12.3	16.7	+0.8	25.8	23	5.2	1	78	13	+4	22	6	
Te Puke EWS	91	20.7	10.8	15.8	+0.9	26.8	23	4.3	1	132	14	+30	25	15	
Whakatane Aero AWS	7	20.8	10.8	15.8	+0.5	24.5	21	5.0	1	105	12	+29	25	15	
Kawerau AWS	42	22.7	11.0	16.9	..	..	..	4.4	1	..	..	..	..	..	
Rotorua EWS	288	19.3	9.4	14.4	..	25.4	23	2.8	1	132	14	..	38	6	
Rotorua Aero AWS	283	18.6	9.7	14.2	+0.3	23.7	24	2.9	1	112	14	+18	31	6	
Galatea AWS	174	19.7	9.4	14.6	..	..	..	4.4	1	106	13	..	24	6	
Taupo CWS	360	20.3	9.4	14.9	..	29.5	23	3.3	1	106	15	..	25	6	
Tarapounamu EWS	701	16.0	7.2	11.6	..	25.4	23	2.9	1	..	..	..	..	..	
Taupo AWS	400	18.2	8.9	13.6	+0.5	25.1	24	0.2	1	69	15	+1	16	6	
Motu EWS	488	17.6	5.9	11.8	-0.2	24.6	23	-0.7	1	366	17	+192	92	15	
Auckland, Mangere EWS	5	19.8	13.3	16.6	+0.5	24.7	24	7.4	1	79	13	+13	17	16	
Pakuranga, Auckland R	15	19.7	13.3	16.5	+0.6	..	..	..	..	..	..	..	..	..	
Penrose Ews, Auckland	30	19.3	13.8	16.6	+0.7	..	..	..	..	..	..	..	..	..	
Auckland Aero	7	19.6	13.3	16.5	+0.3	..	..	7.0	1	81	18	+9	17	7	
Auckland Aero Backup	7	19.6	13.3	16.5	..	23.8	6	6.9	1	1	5	..	0	7	
Auckland, Ardmore	23	20.9	..	..	..	25.1	24	..	..	98	14	+8	18	16	
Ardmore Aero AWS	41	20.1	12.3	16.2	..	..	..	..	..	..	..	..	..	..	
Pukekohe EWS	88	18.9	11.4	15.2	+0.1	24.0	24	5.3	1	86	15	-12	19	15	
Firth Of Thames EWS	1	19.9	10.5	15.2	..	22.5	22	2.6	1	75	13	..	31	6	
Whatawhata 2 EWS	118	19.5	12.2	15.9	+1.2	24.3	24	5.2	1	164	18	+33	32	15	
Hamilton, Ruakura 2 E	45	19.8	10.6	15.2	+0.3	24.6	24	3.0	1	84	16	+1	22	15	
Hamilton AWS	53	19.4	10.3	14.9	+0.2	23.6	24	..	..	..	..	..	..	..	
Lake Karapiro CWS	55	19.9	11.7	15.8	..	24.7	23	6.7	1	72	16	..	16	15	
Port Taharoa AWS	27	17.4	13.4	15.4	-0.1	..	..	..	..	87	20	..	12	11	
Waikeria EWS	37	19.9	9.7	14.8	..	24.0	24	2.2	1	152	17	..	40	16	
Te Kuiti EWS	62	19.7	10.2	15.0	+0.2	24.9	23	3.8	1	131	19	+15	35	6	
Pureora Forest CWS	549	15.7	7.6	11.7	..	21.9	24	-0.6	1	116	19	..	25	6	
Taumarunui EWS	170	19.2	8.9	14.1	..	24.7	23	2.1	1	148	20	..	26	15	
Taumarunui AWS	195	19.0	8.7	13.9	..	..	..	1.3	1	143	22	..	20	11	

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Turangi 2 EWS	350	17.8	7.8	12.8	-0.5	26.8	23	1.4	9	128	17	+3	20	15	165
New Plymouth AWS	30	17.6	11.3	14.5	+0.3	19.9	8	3.5	1	119	23	+15	15	1	208
Lower Retaruke CWS	233	18.4	9.2	13.8	..	24.7	23	1.6	1	173	21	+43	25	16	..
Mt Ruapehu, Chateau E	1097	12.3	4.1	8.2	-0.2	24.0	23	-2.1	1	402	23	+166	46	7	..
Pahiatua EWS	110	17.6	10.8	14.2	..	21.4	25	1.8	1	205	23	..	57	7	..
Alfredton RAWs	240	18.4	10.8	14.6	..	21.2	24	-0.5	1	135	21	..	28	7	..
Masterton Aero AWS	138	20.0	8.4	14.2	..	26.1	22	1.9	1	107	20	..	51	7	..
Masterton EWS	90	20.1	8.1	14.1	..	25.9	22	0.6	1	73	17	..	37	7	225
Masterton, Te Ore Ore	110	21.4	9.9	15.7	..	27.9	23	1.8	1	81	18	+12	36	7	..
Kopua	311	19.3	10.1	14.7	+1.4	23.7	23	..	..	54	..	-18	30	7	..
Takapau Plains AWS	330	18.8	9.6	14.2	+1.0	..	..	0.7	1	46	14	..	21	7	..
Dannevirke EWS	207	18.9	11.2	15.1	..	23.5	25	3.5	1	60	18	..	15	7	189
Waione RAWs	48	21.1	11.6	16.4	+1.5	..	..	..	..	55	17	-14	23	7	..
Cape Turnagain AWS	292	16.3	10.9	13.6	..	..	..	7.2	1	61	17	..	25	7	..
Akitio EWS	245	18.6	10.4	14.5	..	23.2	15	5.3	1	67	19	..	34	7	222
Castlepoint AWS	120	18.2	11.6	14.9	+0.5	..	..	7.4	1	73	17	+2	35	7	..
Baring Head	79	16.5	11.5	14.0	..	19.6	9	6.9	1	126	15	..	29	11	..
Te Wharau, Brackenfie	292	18.6	8.7	13.7	..	24.5	23	2.2	1	230	17	..	122	7	..
Martinborough EWS	20	18.8	9.5	14.2	+0.2	24.8	22	1.5	1	158	17	..	72	7	204
Ngawi AWS	6	19.2	12.6	15.9	+0.5	25.8	22	8.7	1	163	15	..	64	7	..
Hicks Bay AWS	46	19.3	12.4	15.9	+0.7	..	..	5.7	1	..	..	..	..	..	..
Gisborne AWS	5	22.4	11.6	17.0	+1.2	33.3	23	5.1	1	12	9	-51	5	7	258
Gisborne EWS	12	23.3	11.9	17.6	..	34.8	23	6.0	1	14	9	..	5	7	..
Tolaga Bay WXT AWS	12	20.7	11.7	16.2	..	..	..	5.8	1	19	12	..	9	7	..
Tutira CWS	235	20.7	9.9	15.3	..	31.4	23	3.6	1	32	9	..	9	4	..
Napier Aero AWS	3	22.7	11.2	17.0	+1.7	33.4	23	4.1	1	34	9	-22	15	4	..
Napier EWS	7	23.1	12.3	17.7	..	32.8	23	5.5	1	24	8	..	9	4	274
Fernhill, Substation	30	22.7	10.4	16.6	..	33.3	23	3.7	1	29	7	..	12	12	..
Maraekakaho CWS	150	22.1	9.2	15.7	..	31.2	23	2.3	1	28	8	..	22	12	..
Hastings AWS	16	23.2	11.0	17.1	..	32.7	23	4.1	1	20	9	..	9	12	..
Whakatu EWS	5	22.2	8.5	15.4	+0.9	31.9	23	2.3	1	20	6	..	12	12	..
Ashcott Road CWS	212	20.5	9.9	15.2	..	28.3	23	2.2	1	26	13	..	10	7	..
Waipawa EWS	130	21.8	9.0	15.4	..	28.0	23	2.0	1	12	13	..	3	12	235
Wairoa, North Clyde E	15	23.4	11.6	17.5	+1.8	34.1	23	6.3	1	26	9	-50	7	12	..
Wairoa Aero AWS	13	22.1	10.6	16.4	..	..	..	4.9	1	35	9	..	10	12	..
Mahia Radar WXT AWS	419	18.2	11.0	14.6	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	20.0	12.4	16.2	+1.3	27.7	23	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	118	19.1	13.2	16.2	..	..	..	9.2	1	..	..	..	..	..	..
Paraparaumu Aero	5	17.5	12.1	14.8	+0.9	19.8	11	3.6	1	190	17	+111	48	14	156
Paraparaumu Aero AWS	5	17.4	11.8	14.6	+0.7	19.6	11	..	..	174	20	+94	38	14	171
Paraparaumu EWS	5	17.6	11.8	14.7	..	19.7	11	3.4	1	177	18	+107	39	14	118
Ohakea AWS	50	18.0	11.9	15.0	..	..	..	6.1	1	..	..	..	..	..	..
Palmerston North AWS	39	18.8	10.9	14.9	+0.8	22.1	15	3.4	1	146	20	+71	42	7	..
Palmerston North EWS	21	18.3	11.2	14.8	+0.6	21.7	11	3.3	1	155	20	+76	50	7	90
Levin AWS	14	17.6	11.8	14.7	+0.7	19.9	6	3.2	1	166	22	+67	24	6	..
Levin EWS	23	17.6	11.4	14.5	..	19.9	6	2.5	1	170	22	..	24	6	144
Mana Island AWS	100	15.2	11.5	13.4	..	..	..	6.7	1	..	..	..	..	..	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	180
Wellington, Kelburn A	125	16.6	11.1	13.9	+0.5	..	..	6.8	1	241	18	+143	46	12	..
Wellington Aero	4	17.8	12.2	15.0	+0.5	21.2	22	8.5	1	..	..	..	..	..	..
Wellington, Greta Poi	3	18.5	12.6	15.6	..	24.0	20	8.9	1	..	..	..	..	..	..
Wellington Aero Backu	4	17.9	12.2	15.1	..	21.7	22	8.4	1	197	19	..	46	7	..
Upper Hutt, Trentham	50	17.3	10.3	13.8	..	21.9	22	1.5	1	247	20	..	50	14	179
Stratford EWS	300	17.0	8.8	12.9	+0.4	21.6	9	0.0	1	252	19	+100	40	14	176
Hawera AWS	98	17.5	11.2	14.4	+1.3	..	..	3.5	1	114	22	+20	23	12	..
Ohakune EWS	607	16.2	7.4	11.8	+0.2	24.2	23	1.6	9	148	21	+24	31	7	158
Waiouru Treatment Pla	806	15.9	6.1	11.0	+0.8	22.2	22	0.5	1	116	17	+37	29	7	..
Waiouru Airstrip AWS	818	15.1	5.8	10.5	..	21.2	23	1.2	1	112	18	..	27	7	..
Waiouru EWS	806	15.7	6.4	11.1	..	..	..	..	..	..	..	..	..	..	..
Taihape Rec	433	19.3	8.1	13.7	+0.7	25.2	23	1.0	1	57	..	-13	18	17	..
Flat Hills WXT AWS	263	17.5	10.3	13.9	..	..	..	4.7	1	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	19.3	12.5	15.9	+1.0	23.5	25	6.2	1	95	21	+20	22	7	..
Wanganui AWS	8	18.5	12.3	15.4	+0.9	22.1	25	6.1	1	102	19	+29	22	7	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs			
Wanganui 2 AWS	18	19.4	12.0	15.7	..	..	..	5.0	1	..	..	..	..	..	
Takaka EWS	20	18.9	7.4	13.2	-0.8	26.6	23	2.4	1	302	19	+143	123	14	227
Farewell Spit AWS	3	18.4	12.0	15.2	+0.5	..	..	8.2	1	188	18	+108	70	14	..
Westport Aero AWS	2	16.9	10.4	13.7	+0.5	19.2	24	6.6	4	201	23	+33	23	11	..
Westport EWS	6	16.8	10.2	13.5	..	19.4	12	6.7	4	229	24	..	33	11	167
Arapito EWS	18	17.5	9.9	13.7	..	20.6	23	5.5	1	313	22	..	57	10	127
Hokitika Aero	39	16.4	9.6	13.0	+0.4	19.2	24	4.3	18	313	27	+88	80	11	135
Hokitika AWS	38	16.2	9.5	12.9	+0.3	19.2	24	4.3	18	332	26	+135	82	11	164
Hokitika EWS	39	16.1	9.2	12.7	..	19.2	24	3.9	18	295	26	..	78	11	..
Reefton EWS	198	18.3	8.9	13.6	+0.2	..	..	3.9	18	194	22	+32	37	11	..
Greymouth Aero EWS	5	15.8	9.0	12.4	..	..	..	..	..	246	24	..	51	11	143
Pigeon Creek CWS	105	16.6	9.6	13.1	..	20.2	24	4.9	18	506	26	..	71	26	..
Mt Philistine EWS	1655	3.8	-0.6	1.6	..	7.5	8	-4.6	28	150	28	..	22	14	..
Haanga EWS	1995	4.4	-2.1	1.2	..	12.7	22	-6.8	18	..	..	..	..	..	..
Okarito	2	15.8	9.3	12.6	-0.1	18.1	24	4.9	..	330	23	+64	47	11	..
Franz Josef EWS	80	16.6	8.5	12.6	+1.0	19.7	22	3.6	28	545	25	..	76	28	133
Haast AWS	5	15.1	8.6	11.9	+0.0	19.4	17	3.9	28	355	25	..	60	15	..
Milford Sound	3	15.6	7.8	11.7	+0.0	19.5	25	3.5	4	814	23	+266	173	8	..
Milford Sound AWS	3	15.7	7.9	11.8	-0.4	..	..	3.6	4	..	..	..	..	..	..
Castle Mount EWS	2000	2.3	-3.9	-0.8	..	7.6	23	-8.4	30	556	24	..	139	8	..
Secretary Island AWS	19	14.4	9.2	11.8	-0.1	18.0	9	5.6	30	163	23	-192	20	22	..
Puysegur Point AWS	44	13.6	8.8	11.2	+0.1	19.1	22	6.1	24	262	27	+59	46	2	..
Stephens Island	187	16.1	11.0	13.6	+1.0	18.5	22	..	..	177	16	..	46	14	..
Motueka, Riwaka EWS	8	21.1	9.1	15.1	+0.9	28.6	23	4.0	1	140	18	+41	34	14	..
Pelorus Sd, Crail Bay	13	18.9	11.0	15.0	+0.4	24.8	23	6.5	1	340	..	+189	146	14	..
Nelson Aero	2	19.3	10.7	15.0	+0.7	26.4	23	4.2	28	112	18	+34	33	12	209
Appleby 2 EWS	18	18.8	8.7	13.8	-0.2	26.3	23	2.2	28	117	16	..	26	12	216
Richmond EWS	1	19.7	10.0	14.9	..	27.0	23	3.5	28	110	17	..	30	12	233
Nelson AWS	4	19.1	10.7	14.9	+0.3	26.0	23	5.4	28	110	17	..	30	12	..
Blenheim Research EWS	4	20.5	10.7	15.6	+0.9	28.1	22	4.1	1	86	16	+35	36	14	232
Wairau Valley, Mill R	172	19.4	9.6	14.5	..	29.8	23	3.3	1	134	20	..	37	11	..
Blenheim Aero AWS	35	20.3	9.6	15.0	+0.7	28.4	22	..	..	97	18	+42	33	14	..
Brothers Island AWS	68	16.2	12.2	14.2	+0.4	..	..	9.8	13	..	..	..	..	..	..
Cape Campbell AWS	2	16.2	11.8	14.0	+0.3	..	..	..	..	..	..	..	..	..	..
Hanmer Forest EWS	363	19.2	4.5	11.9	-0.2	26.6	22	-1.5	1	104	13	+10	35	11	..
Kaikoura, Middle Cree	5	19.1	7.8	13.5	..	28.4	15	2.8	5	105	13	..	35	11	..
Kaikoura AWS	105	18.5	10.5	14.5	+1.2	..	..	..	..	..	..	..	..	..	..
Arthurs Pass	738	12.7	4.6	8.7	-0.7	18.4	22	-0.7	4	745	..	+322	195	29	..
Arthurs Pass EWS	738	12.5	5.1	8.8	-0.7	18.1	22	-0.9	18	527	27	+136	88	25	..
Arthurs Pass AWS	743	12.0	5.1	8.6	..	..	..	-0.9	18	617	24	..	104	25	..
Culverden AWS	181	18.7	8.5	13.6	..	..	..	1.3	1	41	13	..	23	11	..
Medbury CWS	232	18.6	8.3	13.5	..	27.3	23	0.9	8	64	14	..	28	11	..
Waipara North Branch	560	16.3	7.3	11.8	..	24.5	23	1.7	8	107	15	..	36	11	..
Waiiau School CWS	136	20.2	8.9	14.6	..	29.6	22	1.6	8	59	12	..	28	11	..
Cheviot EWS	75	19.8	8.3	14.1	..	30.5	23	0.7	1	68	11	..	29	17	225
Upper Rakaia EWS	1752	5.5	-1.1	2.2	..	14.0	22	-5.4	18	226	26	..	35	14	..
Mt Potts EWS	2128	4.7	-2.2	1.3	..	16.5	22	-8.2	18	90	19	..	23	14	..
Mt Cook EWS	730	15.4	4.3	9.9	-1.0	25.1	22	-1.1	12	521	21	+154	90	8	107
Mueller Hut EWS	1818	4.7	-1.3	1.7	..	12.3	22	-7.1	18	545	25	..	107	8	..
Mt Cook Aero AWS	659	15.9	5.8	10.9	..	..	..	..	..	..	..	..	..	..	..
Snowdon RAWs	560	16.9	6.9	11.9	-0.2	25.3	22	2.0	18	113	17	..	39	11	..
Methven, Three Spring	305	17.8	6.9	12.4	..	27.9	22	1.3	28	125	18	..	46	11	..
Methven CWS	313	18.1	8.0	13.1	..	29.0	22	2.7	28	126	17	..	44	11	..
Chertsey CWS	108	18.1	8.4	13.3	..	26.2	22	2.7	28	71	15	..	22	11	..
Winchmore EWS	160	19.2	6.8	13.0	+0.2	28.5	22	1.3	1	88	19	+30	27	11	..
Peel Forest	286	18.1	6.7	12.4	+0.5	28.8	22	1.9	1	176	20	+78	45	16	..
Lismore, Racemans Hou	168	18.0	7.9	13.0	..	27.8	22	2.6	18	110	17	..	43	11	..
Ashburton Aero AWS	89	18.1	8.0	13.1	..	..	..	1.7	28	..	..	..	..	..	..
Wakanui 2 CWS	53	18.4	8.0	13.2	..	27.4	22	2.0	28	92	17	..	22	11	..
Waipara West EWS	130	19.4	9.3	14.4	..	29.8	23	4.9	8	71	13	..	33	11	245
West Eyreton, Larunde	88	18.5	7.7	13.1	..	27.5	23	0.5	1	..	..	..	..	..	..
Rangiora EWS	23	20.3	9.0	14.7	+1.6	29.4	23	3.4	1	47	13	..	25	11	246
Eyrewell, Ngai Tahu W	210	17.8	7.8	12.8	..	25.5	23	2.5	1	67	15	..	21	11	..

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			
Eyrewell, Ngai Tahu E	72	18.4	7.3	12.9	..	27.6	23	0.1	1	61	18	..	9	11	..
Christchurch Aero	37	19.3	8.3	13.8	+0.3	28.4	23	2.1	1	47	12	+1	13	17	..
Christchurch Aero Bac	37	19.1	8.2	13.7	..	28.5	23	2.2	1	41	12	..	11	17	..
Christchurch, Kyle St	6	21.6	9.3	15.5	+1.4	31.0	23	4.2	28	44	11	..	15	17	..
Lincoln, Broadfield E	18	19.5	8.7	14.1	+0.8	28.2	9	3.8	28	30	13	-19	9	16	..
Sugar Loaf AWS	496	15.6	7.6	11.6	..	..	..	4.2	18	..	..	..	..	..	..
Diamond Harbour EWS	122	17.7	9.3	13.5	..	25.8	23	5.8	8	40	10	..	22	17	234
Leeston RAWs	15	20.8	8.5	14.7	..	29.8	21	4.2	28	31	18	..	7	11	..
Dorie CWS @ Leferinks	55	18.7	8.5	13.6	..	28.7	22	4.0	18	81	22	..	18	16	..
Akaroa EWS	45	19.3	10.3	14.8	+0.8	27.3	9	7.4	8	62	12	-8	37	16	227
Le Bons Bay AWS	236	16.0	9.0	12.5	+0.5	24.3	23	6.2	18	35	13	..	13	11	..
Lake Tekapo, Air Safa	762	16.2	5.4	10.8	-0.4	..	..	0.5	18	100	13	+59	26	11	..
Lake Tekapo EWS	762	16.6	5.2	10.9	-0.2	27.0	22	0.4	18	95	11	..	26	11	225
Fairlie AWS	403	16.7	7.6	12.2	..	..	..	2.9	4	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	19.4	5.9	12.7	..	29.6	22	-1.1	1	90	11	..	24	11	..
Hakataramea Valley Cw	355	18.1	7.2	12.7	..	29.6	22	1.5	18	58	14	..	13	15	..
Orari Estate	81	18.5	7.5	13.0	+0.2	29.0	22	0.5	1	111	14	+57	34	16	..
Orari Estate CWS	81	17.7	7.4	12.6	..	28.5	22	0.6	1	103	13	..	32	16	..
Timaru Aero AWS	26	18.0	7.4	12.7	+0.4	25.8	22	0.5	1	87	15	+37	25	16	..
Timaru EWS	17	17.0	8.8	12.9	+0.1	25.8	21	2.9	18	88	16	+41	18	16	187
Waimate CWS	39	17.9	9.2	13.6	..	25.1	22	3.7	1	93	18	..	27	16	..
Oamaru Airport AWS	30	16.9	8.4	12.7	+0.7	23.8	22	2.0	1	103	15	+61	24	16	..
Albert Burn	1280	9.5	2.1	5.8	..	13.4	22	-1.8	18	340	27	..	67	8	..
Mt Larkins EWS	1900	3.0	-3.0	0.0	..	8.8	22	-7.1	27	159	23	..	34	15	..
Eglinton, Knobs Flat	365	15.3	5.5	10.4	..	20.0	22	-0.3	18	280	23	..	46	8	..
Tara Hills AWS	488	18.1	6.3	12.2	+0.0	..	..	0.4	1	..	..	..	..	..	..
Wanaka CWS	331	18.0	7.8	12.9	..	23.2	23	1.9	18	53	12	..	26	14	..
Wanaka Aero AWS	352	18.5	7.6	13.1	+0.1	23.7	22	1.5	18	50	12	+15	26	14	..
Naseby Forest 2	607	17.5	5.8	11.7	+1.2	26.4	22	0.2	4	77	15	+20	30	16	..
Windsor EWS	81	17.3	7.7	12.5	+0.2	27.2	22	2.1	1	112	21	+75	27	16	..
Ranfurly EWS	450	17.2	6.2	11.7	+0.4	25.9	22	1.6	7	69	15	+33	26	16	..
Oamaru AWS	40	16.6	8.3	12.5	+0.0	25.3	22	4.1	4	144	23	..	41	16	..
Palmerston	21	17.2	7.8	12.5	+0.6	27.9	22	2.4	1	97	16	+54	24	14	128
Middlemarch EWS	213	17.7	7.0	12.4	+0.3	..	..	2.3	4	117	16	..	27	16	..
Swampy Summit AWS	722	11.9	4.4	8.2	..	26.1	22	0.8	18	..	..	..	..	..	..
Dunedin Aero AWS	1	17.7	7.2	12.5	+0.4	28.6	22	2.3	1	123	16	+73	36	14	..
Dunedin, Musselburgh	4	15.8	9.3	12.6	+0.2	27.4	22	5.9	4	134	18	+78	35	14	179
Oamaru EWS	20	16.8	8.7	12.8	..	25.6	22	3.8	18	89	15	..	19	16	192
Te Anau At Park HQ Cw	204	15.3	7.1	11.2	..	21.2	22	1.9	18	..	..	..	..	..	..
Manapouri, West Arm J	178	14.3	6.2	10.3	-0.4	19.7	22	1.7	2	382	26	..	50	25	..
Manapouri Aero AWS	209	15.6	6.0	10.8	-0.2	20.6	25	0.0	10	88	19	-8	22	26	..
Birchwood WXT AWS	147	15.5	7.0	11.3	..	..	..	2.1	13	..	..	..	..	..	..
Queenstown	322	18.5	7.7	13.1	-0.1	26.0	22	3.1	18	79	15	+5	36	14	191
Queenstown EWS	322	18.3	7.4	12.9	..	26.0	22	2.8	18	75	14	..	34	14	..
Queenstown Aero AWS	354	17.1	6.7	11.9	+0.0	23.3	25	0.9	18	70	14	+2	35	14	202
Five Rivers CWS	260	16.3	6.7	11.5	..	25.0	22	2.2	10	86	16	..	21	14	..
Lumsden AWS	187	16.5	6.2	11.4	+0.0	..	..	-0.1	4	71	17	..	20	14	..
Waipounamu CWS	152	17.5	7.7	12.6	..	25.6	22	3.7	13	81	19	..	24	14	..
Riversdale Aquifer @	125	16.7	6.7	11.7	..	25.8	25	0.7	13	60	23	..	19	14	..
Cromwell EWS	213	20.0	8.0	14.0	+0.3	26.9	22	2.1	18	42	8	..	21	14	212
Lauder EWS	375	19.1	7.7	13.4	+1.3	26.2	22	1.9	18	47	15	+6	15	14	..
Ophir 2	305	19.0	5.7	12.4	..	25.9	22	..	..	58	13	..	17	14	..
Alexandra	150	20.6	8.2	14.4	+0.2	29.1	22	1.5	18	58	..	..	21	14	..
Clyde 2 EWS	170	19.5	6.7	13.1	..	28.0	22	0.0	4	50	11	..	18	14	..
Alexandra AWS	230	18.6	7.4	13.0	..	..	..	1.7	18	63	13	..	22	14	..
Roxburgh WXT AWS	160	17.7	8.4	13.1	..	..	..	3.3	18	..	..	..	..	..	..
Tapanui	180	16.8	6.7	11.8	+0.4	25.6	22	2.3	18	110	..	+37	24	14	..
Waitutu CWS	30	15.8	6.5	11.2	..	26.0	22	1.4	2	247	28	..	36	26	..
Winton 2	44	16.3	6.7	11.5	-0.3	25.0	22	2.8	4	86	17	+10	19	27	132
Gore AWS	123	15.7	6.8	11.3	-0.1	..	..	1.2	13	..	..	..	..	..	..
Invercargill Aero	1	16.0	7.3	11.7	+0.3	..	..	..	..	94	24	+4	17	23	168
Invercargill Aero AWS	1	15.8	7.1	11.5	+0.1	24.9	22	3.2	2	93	25	..	15	23	..
Invercargill Aero 2 E		16.2	6.5	11.4	..	25.3	22	2.1	2	92	23	..	15	23	155



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	
Arturo Prat		1.7	-1.6	0.1	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	..	-1.9	..	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	0.0	-3.5	-1.8	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-0.7	-5.6	-3.2	..	2.4	23	-11.9	17	..	..	..	..	..	..
Argentine Is, Faraday	11	0.0	-5.6	-2.8	..	4.9	3	-12.7	11	..	..	..	..	..	..
Gen San Martin	4	0.8	-6.4	-2.8	..	8.0	23	-12.9	4	..	..	..	..	..	..
King Sejong	11	2.5	-1.6	0.5	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-1.5	-7.0	-4.3	..	3.1	30	-12.4	13	..	..	..	..	..	..
Mawson	16	0.4	-7.0	-3.3	..	..	..	..	..	..	..	..	..	..	..
Davis	13	0.9	-6.6	-2.9	..	..	..	..	..	..	..	..	..	..	..
Progress	64	0.3	-5.3	-2.5	..	3.5	13	-16.8	18	..	..	..	..	..	..
Mirnyj	30	-2.6	-7.4	-5.0	..	1.8	29	..	..	..	..	..	..	..	..
Vostok	3420	-34.0	-45.9	-40.0	..	-26.3	23	..	..	..	..	..	..	..	..
Casey	41	-1.1	-7.3	-4.2	..	..	..	..	..	..	..	..	..	..	..
Durmont Durville	43	-1.1	-7.5	-4.3	..	3.7	29	-12.8	17	..	..	..	..	..	..
Mcmurdo	24	-6.2	-13.1	-9.7	..	-1.9	8	-21.1	1	..	..	..	..	..	..
Ant Arrival Heights E	218	-7.2	-14.1	-10.7	..	-2.2	8	-21.7	1	..	..	..	..	..	..
Ant Scott Base EWS	20	-7.1	-15.9	-11.5	..	-1.8	21	-25.2	5	..	..	..	..	..	..
Darwin Airport	31	33.7	16.6	25.2	..	35.5	3	11.3	2	211	14	..	82	22	..
Hobart Airport	4	23.6	10.0	16.8	..	33.4	24	6.1	9	56	15	..	15	30	..
Late returns and corrections for October 2016															
Lincoln Rd, Auckland	25	18.1	11.3	14.7	+0.1	20.3	11	6.4	14	..	..	..	..	..	..
Tauranga CWS	3	18.6	11.0	14.8	..	22.0	17	6.1	31	..	..	..	..	..	..
Pakuranga, Auckland R	15	21.6	12.0	16.8	+2.6	..	..	..	..	..	..	..	..	..	..
Castlepoint Station	10	18.0	11.4	14.7	+1.4	22.0	20	7.5	5	60	14	-17	12	26	..
Te Wharau, Brackenfie	292	16.7	7.2	12.0	..	21.0	17	1.4	..	88	..	..	17	3	..
Gisborne EWS	12	20.7	10.0	15.4	..	26.7	20	5.9	8	100	16	..	34	21	..
Mana Island	2	16.5	10.0	13.3	+0.5	..	..	4.0	23	96	..	-9	24	14	..
Arapito EWS	18	17.1	8.7	12.9	..	19.8	17	3.1	30	190	20	..	22	8	179
Okarito	2	15.6	8.5	12.1	+0.9	17.2	28	3.3	9	354	20	+41	71	13	..
Stephens Island	187	15.1	9.9	12.5	+1.1	17.1	20	6.4	30	118	17	..	22	14	..
Christchurch Gardens	7	17.2	8.0	12.6	+0.4	24.6	19	2.4	22	85	13	+32	33	20	..
Ettrick No.2	91	17.5	6.2	11.9	+1.4	24.0	17	-1.0	30	71	12	+18	16	13	..
Late returns and corrections for September 2016															
Lincoln Rd, Auckland	25	16.8	10.6	13.7	+0.7	20.9	4	3.1	11	..	..	..	..	..	..
Tauranga CWS	3	16.4	10.4	13.4	..	20.0	19	4.3	9	..	..	..	..	..	..
Pakuranga, Auckland R	15	20.1	10.9	15.5	+2.9	22.9	29	2.8	11	..	..	..	..	..	..
Arapito EWS	18	15.9	7.5	11.7	..	20.1	30	-0.6	9	195	18	..	67	16	147
Late returns and corrections for August 2016															
Lincoln Rd, Auckland	25	15.3	7.1	11.2	-0.8	18.8	25	2.2	9	..	..	..	..	..	..
Tauranga CWS	3	15.0	7.4	11.2	..	18.0	26	0.8	8	..	..	..	..	..	..
Pakuranga, Auckland R	15	18.4	7.2	12.8	+1.7	22.1	26	1.4	8	..	..	..	..	..	..
Arapito EWS	18	13.7	3.9	8.8	..	16.4	23	-0.9	11	102	13	..	28	3	143
Late returns and corrections for July 2016															
Lincoln Rd, Auckland	25	15.3	8.4	11.9	+0.7	18.7	23	0.0	2	..	..	..	..	..	..
Tauranga CWS	3	14.8	7.1	11.0	..	17.7	8	2.4	2	..	..	..	..	..	..
Pakuranga, Auckland R	15	18.6	8.5	13.6	+3.4	20.7	23	-0.3	2	..	..	..	..	..	..
Arapito EWS	18	13.5	4.6	9.1	..	16.5	23	0.8	1	268	19	..	37	19	107
Late returns and corrections for June 2016															
Lincoln Rd, Auckland	25	16.5	9.0	12.8	+0.8	..	..	..	..	..	..	..	..	..	..
Holland Road, Hamilto	45	15.6	5.5	10.6	..	19.2	10	-2.8	6	..	..	..	..	..	..
Pakuranga, Auckland R	15	19.4	9.1	14.3	+2.7	21.6	7	2.1	4	..	..	..	..	..	..
Arapito EWS	18	14.9	5.9	10.4	..	16.5	9	1.4	7	283	18	..	55	23	118
Late returns and corrections for May 2016															
Lincoln Rd, Auckland	25	19.9	12.6	16.3	+2.4	..	..	..	..	..	..	..	..	..	..
Holland Road, Hamilto	45	18.8	9.6	14.2	..	22.2	3	4.5	18	..	..	..	..	..	..
Pakuranga, Auckland R	15	22.7	12.6	17.7	+4.2	26.0	3	9.0	31	..	..	..	..	..	..

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	
Arapito EWS	18	16.7	8.9	12.8	..	21.9	5	4.2	23	417	26	..	81	11	81
Late returns and corrections for April 2016															
Lincoln Rd, Auckland	25	21.3	13.2	17.3	+1.4	25.6	2	7.8	15	..	..	..	..	..	..
Thames 2	3	22.1	12.3	17.2	+1.3	25.5	24	7.5	15	71	13	-33	35	17	149
Holland Road, Hamilto	45	20.8	9.0	14.9	..	25.6	2	1.3	15	..	..	..	..	..	..
Pakuranga, Auckland R	15	24.0	13.6	18.8	+3.1	27.9	2	8.1	15	..	..	..	..	..	..
Arapito EWS	18	19.4	8.9	14.2	..	23.3	2	5.5	24	118	8	..	33	23	207
Late returns and corrections for March 2016															
Lincoln Rd, Auckland	25	24.0	16.0	20.0	+1.5	26.5	16	10.9	13	..	..	..	..	..	..
Holland Road, Hamilto	45	23.6	12.9	18.3	..	25.8	16	5.5	31	..	..	..	..	..	..
Pakuranga, Auckland R	15	26.6	16.4	21.5	+3.2	28.6	16	11.9	12	..	..	..	..	..	..
Late returns and corrections for February 2016															
Lincoln Rd, Auckland	25	25.8	17.9	21.9	+2.4	28.2	12	12.9	20	..	..	..	..	..	..
Thames 2	3	26.6	17.1	21.9	+2.1	28.7	12	12.6	20	227	10	+157	132	18	170
Pakuranga, Auckland R	15	28.3	18.5	23.4	+3.7	29.9	10	13.4	20	..	..	..	..	..	..
Late returns and corrections for January 2016															
Lincoln Rd, Auckland	25	24.8	17.0	20.9	+1.3	28.7	23	12.1	13	..	..	..	..	..	..
Pakuranga, Auckland R	15	27.6	18.1	22.9	+3.6	31.9	14	13.0	5	..	..	..	..	..	..
Late returns and corrections for December 2015															
Lincoln Rd, Auckland	25	21.9	14.2	18.1	+0.2	27.7	27	11.7	14	..	..	..	..	..	..
Pakuranga, Auckland R	15	24.7	15.8	20.3	+2.4	29.2	27	..	..	..	..	..	..	..	..
Late returns and corrections for November 2015															
Lincoln Rd, Auckland	25	22.8	13.0	17.9	+1.9	27.9	28	6.6	13	..	..	..	..	..	..
Thames 2	3	20.9	11.1	16.0	+0.0	24.7	7	3.0	13	79	10	+5	20	21	203
Pakuranga, Auckland R	15	22.8	13.0	17.9	+2.0	27.9	28	6.6	13	..	..	..	..	..	..
Late returns and corrections for October 2015															
Lincoln Rd, Auckland	25	18.0	11.1	14.6	+0.0	..	..	..	..	..	..	..	..	..	..
Pakuranga, Auckland R	15	20.1	12.0	16.1	+1.9	23.5	23	7.2	9	..	..	..	..	..	..
Late returns and corrections for September 2015															
Thames 2	3	16.3	8.5	12.4	-0.3	19.0	2	3.8	29	63	18	-33	12	24	148
Late returns and corrections for August 2015															
Thames 2	3	15.5	6.8	11.2	+0.0	19.0	18	-0.2	11	180	18	+56	81	31	146

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.