

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	15.5	10.6	13.1	-0.4	18.9	17	7.4	4	..	..	..	..	..
Kaitaia Aero EWS	80	17.1	8.9	13.0	-0.4	20.8	17	4.1	30	45	14	-48	14	18	
Kaitaia EWS	85	16.6	8.7	12.7	-0.6	20.3	17	4.1	13	53	17	-52	13	10	
Kerikeri EWS	79	17.8	8.0	12.9	-0.2	20.3	17	3.5	29	115	14	-48	46	18	
Kerikeri Aerodrome Aw	150	16.9	8.0	12.5	-0.2	19.4	13	4.2	4	130	19	-32	55	18	
Kaikohe AWS	204	15.2	8.4	11.8	-0.5	18.3	17	5.4	4	130	23	+6	47	18	
Trounson CWS	244	15.1	7.6	11.4	..	20.7	17	2.2	29	140	20	-13	34	18	
Dargaville 2 EWS	66	16.1	9.7	12.9	-0.1	21.1	17	5.5	30	77	17	-20	19	21	
Purerua AWS	82	16.7	9.2	13.0	..	18.8	17	6.0	4	93	16	..	57	18	
Russell CWS	15	17.6	7.8	12.7	..	20.1	17	3.0	29	104	21	..	49	18	
Whangarei Aero AWS	37	17.0	9.3	13.2	-0.2	21.2	17	4.8	29	122	16	+12	44	18	
Whangarei EWS	12	17.2	7.3	12.3	..	21.4	17	2.2	29	150	17	..	59	18	
Mokohinau AWS	60	15.8	12.0	13.9	+0.1	..	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	17.3	10.3	13.8	+0.1	21.1	17	6.6	4	112	18	+17	46	18	
Warkworth EWS	72	16.5	7.5	12.0	-0.2	19.5	20	1.7	30	87	16	-44	34	18	
Whangaparaoa AWS	89	16.6	10.0	13.3	+0.1	21.2	20	6.5	4	..	..	..	..	..
Tiri Tiri Lighthouse	76	15.6	10.1	12.9	-0.1	19.8	20	1.0	10	43	19	-39	14	18	
Auckland, Whenuapai A	26	16.8	8.6	12.7	+0.3	..	..	2.1	4	..	..	..	..	..
Auckland, North Shore	64	16.6	8.6	12.6	..	21.2	20	2.3	4	31	12	..	9	18	
Auckland, Henderson N	7	18.0	8.3	13.2	+0.5	21.8	17	2.7	30	56	15	-75	11	24	
Auckland, Motat EWS	16	17.1	9.0	13.1	..	21.0	20	3.1	30	47	14	..	8	18	
Waiheke Island, Awaro	34	17.1	10.4	13.8	..	21.5	20	5.0	29	84	10	-23	39	21	
Whitianga Aero AWS	5	16.7	8.1	12.4	+0.2	19.5	20	2.9	30	96	17	-73	40	18	
Whitianga EWS	1	17.8	7.8	12.8	..	20.7	20	2.4	30	98	13	..	43	18	
Thames 2	3	17.4	8.3	12.9	+0.2	22.1	14	2.9	9	35	14	-61	7	18	
Paeroa AWS	18	16.5	7.3	11.9	-0.4	..	..	2.9	28	..	..	..	..	..
Toenepe EWS	48	16.5	6.1	11.3	-0.5	22.4	20	0.6	30	..	..	..	..	..
Matamata, Hinuera EWS	85	16.8	5.7	11.3	+0.6	21.8	20	0.6	10	58	12	..	27	2	
Tauranga CWS	3	17.3	9.4	13.4	..	21.7	20	5.4	29	39	14	..	11	2	
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	211
Tauranga Aero AWS	4	17.2	8.6	12.9	+0.5	21.1	20	4.3	10	33	12	-52	9	2	
Te Puke EWS	91	17.2	7.3	12.3	+0.5	21.2	20	1.6	10	51	12	-75	19	2	
Whakatane Aero AWS	7	17.1	6.6	11.9	+0.3	19.5	20	2.1	10	31	15	-61	7	5	
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	242
Whakatane EWS	1	17.5	7.0	12.3	..	20.2	14	2.4	27	34	14	..	8	5	
Mamaku Radar WXT AWS	17	11.4	4.5	8.0	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	18.7	6.6	12.7	..	23.0	20	1.6	10	..	..	..	..	199
Rotorua EWS	288	15.4	5.3	10.4	..	21.3	20	0.3	10	60	13	..	18	2	
Rotorua Aero AWS	283	14.9	5.3	10.1	-0.1	19.0	20	0.3	10	52	13	-56	18	2	
Galatea AWS	174	16.1	5.4	10.8	..	..	..	..	..	..	..	..	..	..
Taupo CWS	360	15.9	4.7	10.3	..	22.5	20	-1.1	10	55	12	..	16	3	
Tarapounamu EWS	701	12.6	4.3	8.5	..	19.8	20	-2.0	10	155	19	..	35	5	
Taupo AWS	400	14.2	3.7	9.0	-0.1	19.7	20	-4.3	10	32	10	-50	12	3	
Motu EWS	488	14.4	4.3	9.4	+0.9	21.5	13	-4.8	10	..	..	..	..	..
Auckland, Mangere EWS	5	15.9	8.8	12.4	-0.6	19.8	20	4.4	4	45	12	-58	11	1	
Auckland Aero	7	16.6	9.6	13.1	+0.1	20.6	20	5.6	4	46	16	-45	8	1	
Auckland Aero Backup	7	16.4	10.0	13.2	..	..	..	..	..	..	..	..	..	..
Ardmore Aero AWS	41	17.0	8.3	12.7	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	16.7	8.1	12.4	+0.2	20.7	20	4.2	4	41	13	-70	11	2	
Firth Of Thames EWS	1	16.7	6.8	11.8	..	20.7	20	1.0	30	31	15	..	6	18	
Whatawhata 2 EWS	118	16.5	5.8	11.2	-0.4	21.9	20	0.8	28	..	..	..	..	..
Hamilton, Ruakura 2 E	45	18.0	6.3	12.2	+0.7	23.0	20	1.5	28	53	12	-39	15	24	
Hamilton AWS	53	16.9	6.0	11.5	+0.2	22.7	20	1.0	10	57	12	-44	18	2	
Lake Karapiro CWS	55	16.9	8.0	12.5	..	22.6	20	4.1	9	43	13	..	11	2	
Port Taharoa AWS	27	15.6	9.9	12.8	+0.0	21.5	19	6.9	8	34	11	..	10	24	
Waikeria EWS	37	17.3	5.8	11.6	..	23.6	20	0.7	30	41	12	..	10	2	
Te Kuiti EWS	62	17.5	6.0	11.8	+0.4	23.7	20	0.5	10	..	..	..	..	181
Pureora Forest CWS	549	13.2	3.0	8.1	..	20.1	20	-1.6	12	77	13	..	21	25	
Taumarunui EWS	170	15.2	4.0	9.6	..	21.6	20	-1.8	10	..	..	..	..	..
Taumarunui AWS	195	16.2	4.6	10.4	..	22.1	20	-2.0	10	..	..	..	..	176
Turangi 2 EWS	350	15.6	3.1	9.4	+0.1	20.4	20	-5.4	10	40	10	-100	9	2	
New Plymouth AWS	30	15.3	7.8	11.6	+0.1	20.6	19	1.7	1	48	12	-72	11	24	
Lower Retaruke CWS	233	15.4	5.3	10.4	..	22.6	20	-1.1	10	64	15	-89	20	2	

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Mt Ruapehu, Chateau E	1097	10.0	-0.6	4.7	-0.2	16.9	14	-7.5	10	137	16	-134	42	2	..
Pahiatua EWS	110	14.6	6.1	10.4	..	20.2	20	-0.8	10	111	15	..	29	4	..
Masterton Aero AWS	138	15.6	4.3	10.0	..	22.2	20	-2.2	10	61	14	..	18	3	..
Masterton EWS	90	16.2	4.7	10.5	..	23.4	20	-2.6	10	56	9	..	16	3	186
Masterton, Te Ore Ore	110	15.5	5.3	10.4	..	22.9	20	-2.1	10	55	10	-18	14	3	..
Takapau Plains AWS	330	13.5	4.9	9.2	-0.4	20.1	17	0.4	28	158	18	..	57	4	..
Dannevirke EWS	207	13.7	5.4	9.6	..	19.8	17	-0.4	28	85	14	..	32	4	145
Cape Turnagain AWS	292	11.7	7.8	9.8	..	17.1	17	4.2	10	..	..	..	..	..	..
Akitio EWS	245	..	..	..	..	..	..	..	..	73	13	..	24	3	179
Castlepoint AWS	120	14.3	9.5	11.9	+0.3	18.7	17	4.0	10	79	10	+21	31	3	..
Baring Head	79	12.8	8.2	10.5	..	18.3	20	4.9	23	41	10	..	19	2	..
Te Wharau, Brackenfie	292	14.2	5.3	9.8	..	21.0	19	1.0	10	210	10	..	59	3	..
Martinborough EWS	20	15.3	5.8	10.6	-0.1	21.9	20	1.2	12	70	12	..	18	2	166
Ngawi AWS	6	15.0	9.3	12.2	-0.3	20.3	20	5.2	23	82	10	..	25	2	..
Hicks Bay AWS	46	16.2	9.3	12.8	+0.2	19.1	21	3.6	10	98	17	+3	22	1	..
Gisborne AWS	5	17.0	7.4	12.2	+0.1	25.1	13	1.2	10	117	15	+45	25	7	202
Gisborne EWS	12	17.2	7.5	12.4	..	24.9	13	1.1	10	141	12	..	39	7	..
Tolaga Bay WXT AWS	12	15.3	8.5	11.9	..	19.1	2	2.3	10	178	21	..	37	6	..
Tutira CWS	235	15.2	6.3	10.8	..	23.2	13	-1.4	10	322	15	..	98	5	..
Napier Aero AWS	3	16.9	7.5	12.2	+0.6	23.0	13	0.0	10	129	10	+80	47	5	..
Napier EWS	7	17.0	7.6	12.3	..	23.4	13	-1.3	10	136	8	..	53	5	206
Maraekakaho CWS	150	16.3	6.3	11.3	..	22.2	17	-1.0	10	124	9	..	50	4	..
Hastings AWS	16	17.0	7.0	12.0	..	23.0	17	-0.6	10	155	15	..	57	5	..
Whakatu EWS	5	16.6	6.5	11.6	+0.9	21.3	13	-0.8	10	..	..	..	..	..	..
Waipawa EWS	130	15.6	5.5	10.6	..	21.1	17	-0.8	10	173	13	..	48	5	184
Wairoa, North Clyde E	15	16.8	7.1	12.0	+0.1	25.8	13	1.0	10	206	11	+118	79	5	..
Wairoa Aero AWS	13	16.4	7.0	11.7	..	25.0	13	0.0	10	264	22	..	90	5	..
Mahia Radar WXT AWS	419	13.1	7.3	10.2	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	14.4	8.8	11.6	-0.2	18.4	13	6.0	10	..	..	..	..	..	..
Cape Kidnappers WXT A	118	14.0	9.8	11.9	..	17.6	14	6.0	10	..	..	..	..	..	..
Paraparaumu Aero	5	14.5	7.6	11.1	+0.0	17.6	17	0.5	10	40	12	-46	9	24	170
Paraparaumu Aero AWS	5	14.6	7.6	11.1	+0.1	17.6	17	0.8	10	32	9	-57	8	24	193
Paraparaumu EWS	5	14.4	7.3	10.9	..	17.5	17	0.3	10	35	9	-54	9	24	141
Ohakea AWS	50	15.2	7.1	11.2	..	20.8	17	1.4	9	..	..	..	..	..	..
Palmerston North AWS	40	15.4	6.5	11.0	+0.1	21.0	17	-0.6	9	55	14	-30	19	2	..
Palmerston North EWS	21	15.3	6.7	11.0	+0.0	20.6	17	-1.5	9	66	13	-20	23	24	148
Levin AWS	14	15.6	6.8	11.2	+0.2	20.9	19	-1.3	9	47	13	-56	21	2	..
Levin EWS	23	15.6	6.5	11.1	..	20.1	19	-1.6	9	53	15	..	24	2	211
Mana Island AWS	100	12.2	8.5	10.4	..	14.5	21	4.8	12	54	12	..	11	3	..
Porirua, Elsdon Park	3	14.3	7.4	10.9	..	18.8	19	0.8	12	72	10	..	23	3	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	163
Wellington, Kelburn A	125	13.4	8.0	10.7	-0.1	18.5	20	5.0	23	106	13	+8	25	2	..
Wellington Aero	4	14.0	8.8	11.4	-0.2	19.5	20	4.3	19	79	11	+4	24	2	..
Wellington, Greta Poi	3	14.7	8.7	11.7	..	20.8	20	5.5	19	89	10	..	23	2	..
Wellington Aero Backu	4	14.0	9.0	11.5	..	..	..	..	..	..	..	..	..	..	..
Upper Hutt, Trentham	50	14.1	4.3	9.2	..	20.7	19	-2.8	12	86	11	..	32	2	162
Stratford EWS	300	13.8	5.7	9.8	+0.2	18.5	20	0.5	10	101	14	-80	30	17	171
Hawera AWS	98	13.9	6.6	10.3	-0.2	17.5	17	0.8	12	66	14	-28	18	3	..
Ohakune EWS	607	12.1	2.5	7.3	-0.8	18.2	15	-2.5	23	64	14	-78	19	4	126
Waiouru Treatment Pla	806	11.9	2.0	7.0	+0.3	18.0	15	-3.1	10	96	14	+4	40	4	..
Waiouru Airstrip AWS	818	10.8	1.7	6.3	..	16.6	20	-4.2	10	..	..	..	41	4	..
Waiouru EWS	806	11.4	2.3	6.9	..	18.0	15	-2.9	10	107	20	..	48	4	..
Taihape Rec	433	14.7	3.4	9.1	+0.0	21.9	20	-2.0	10	83	14	+7	35	4	..
Flat Hills WXT AWS	263	13.8	5.8	9.8	..	18.9	17	1.4	12	54	15	-43	15	4	..
Wanganui, Spriggens Pa	15	15.4	7.2	11.3	-0.6	20.8	17	1.0	11	33	11	-41	9	2	..
Wanganui AWS	8	15.2	7.6	11.4	-0.2	20.9	17	1.4	11	32	10	-47	9	24	..
Wanganui 2 AWS	18	16.5	7.0	11.8	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	16.0	3.6	9.8	-0.5	21.7	14	-1.0	8	55	7	-142	16	16	226
Farewell Spit AWS	3	16.2	9.1	12.7	+0.9	18.3	14	6.9	27	33	7	-105	8	2	..
Westport Aero AWS	2	14.8	6.7	10.8	+0.1	18.3	4	3.7	7	82	16	-102	22	17	..
Westport EWS	6	15.1	7.1	11.1	..	17.9	4	3.1	7	91	16	..	22	17	196
Arapito EWS	18	15.3	5.5	10.4	..	17.8	4	0.7	7	99	14	..	32	24	159
Hokitika Aero	39	14.1	5.2	9.7	-0.2	16.0	4	-0.6	5	102	16	-158	24	30	186

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Hokitika AWS	38	14.0	5.2	9.6	-0.3	15.7	4	-0.6	5	111	19	-110	26	30	216
Hokitika EWS	39	14.2	5.2	9.7	..	16.1	4	-0.9	5	93	14	..	22	30	..
Reefton EWS	198	16.3	3.7	10.0	+0.5	21.3	22	-3.0	7	79	13	-98	21	2	171
Greymouth Aero EWS	5	13.7	6.3	10.0	..	16.2	5	0.6	8	79	16	..	17	17	192
Pigeon Creek CWS	105	15.0	5.7	10.4	..	19.0	22	-1.3	8	160	14	..	59	13	..
Mt Philistine EWS	1655	4.1	-1.6	1.3	..	9.0	12	-5.0	4	193	15	..	48	17	..
Mahanga EWS	1995	3.1	-2.8	0.2	..	8.0	12	-7.6	4	84	15	..	46	17	..
Ivory Glacier CWS	1390	8.6	-0.3	4.2	..	14.9	14	-4.2	9	408	14	..	98	16	..
Okarito	2	13.8	5.5	9.7	-0.2	15.4	14	0.9	7	170	15	-117	39	2	..
Franz Josef EWS	80	14.1	4.3	9.2	+0.2	16.5	14	-0.8	8	251	16	..	87	13	187
Haast AWS	5	13.5	5.3	9.4	+0.2	..	..	..	..	..	..	..	..	..	..
Milford Sound	3	13.8	4.0	8.9	+0.3	17.4	4	0.4	8	..	..	..	..	..	..
Milford Sound AWS	3	13.7	3.9	8.8	+0.2	17.4	21	0.3	8	546	24	..	177	29	..
Castle Mount EWS	2000	1.8	-4.7	-1.5	..	8.2	6	-11.1	25	178	21	..	47	13	..
Secretary Island AWS	19	13.1	7.4	10.3	+0.2	..	..	2.7	25	..	..	..	..	..	..
Puysegur Point AWS	44	12.2	7.6	9.9	+0.4	16.0	15	4.1	25	..	..	..	..	..	..
Stephens Island	187	13.7	8.7	11.2	+0.7	..	..	6.0	9	25	9	..	9	3	..
Motueka, Riwaka EWS	8	16.8	4.9	10.9	+0.6	24.1	14	-0.1	7	..	..	..	..	..	..
Nelson Aero	2	15.5	6.0	10.8	+0.4	21.3	14	0.6	7	29	9	-56	9	1	211
Appleby 2 EWS	18	15.4	3.0	9.2	-1.2	21.1	14	-3.0	8	26	9	..	13	1	229
Richmond EWS	1	16.6	5.5	11.1	..	22.8	14	-0.4	7	22	8	..	11	1	240
Nelson AWS	4	15.4	5.9	10.7	+0.1	21.3	14	-1.1	7	27	10	..	11	1	..
Blenheim Research EWS	4	16.5	6.0	11.3	+0.3	..	..	..	..	36	7	-19	21	24	232
Wairau Valley, Mill R	172	16.2	4.8	10.5	..	22.6	15	-1.6	8	32	9	..	11	2	..
Blenheim Aero AWS	35	16.4	4.2	10.3	+0.0	23.6	14	-2.7	8	39	8	-27	12	24	..
Brothers Island AWS	68	13.1	9.3	11.2	-0.4	..	..	5.9	25	54	11	..	18	17	..
Grassmere Salt Works	2	14.1	7.3	10.7	-0.9	20.0	29	3.9	29	27	7	-15	12	24	..
Cape Campbell AWS	2	12.4	8.7	10.6	-0.5	16.9	29	5.8	10	40	10	+1	17	24	..
Boyle River Lodge	600	15.2	2.5	8.9	+1.4	..	..	..	..	53	..	-130	23	17	..
Hanmer Forest EWS	363	16.6	0.3	8.5	+0.2	24.8	15	-5.3	8	44	8	-36	15	3	..
Kaikoura, Middle Cree	5	13.8	3.8	8.8	..	22.1	13	0.3	19	25	7	..	10	4	..
Kaikoura AWS	105	13.3	7.0	10.2	-0.1	20.6	13	3.6	8	20	6	-37	8	4	..
Arthurs Pass	745	11.6	1.5	6.6	+1.1	17.7	22	-4.4	8	163	..	-267	47	17	..
Arthurs Pass EWS	745	11.5	1.3	6.4	+1.2	17.5	22	-4.6	8	153	11	-271	45	17	..
Arthurs Pass AWS	743	10.8	1.4	6.1	..	16.7	22	-4.2	8	190	16	..	53	17	..
Culverden AWS	181	15.1	3.7	9.4	..	21.9	20	-3.1	8	19	8	..	6	4	..
Medbury CWS	232	15.1	3.2	9.2	..	22.6	15	-3.7	8	20	7	..	7	2	..
Balmoral East CWS	172	15.0	2.6	8.8	..	22.3	15	-3.6	8	23	7	..	6	2	..
Waipara North Branch	560	12.9	3.1	8.0	..	21.1	15	-4.5	8	40	12	..	15	2	..
Waiiau School CWS	136	16.5	3.6	10.1	..	24.4	15	-2.7	8	26	6	..	9	2	..
Cheviot EWS	75	14.9	3.8	9.4	..	22.8	14	-3.0	8	23	6	..	7	3	204
Upper Rakaia EWS	1752	4.6	-1.9	1.4	..	9.3	12	-6.5	4	100	13	..	28	17	..
Mt Potts EWS	2128	3.0	-3.8	-0.4	..	10.1	15	-9.0	4	10	12	..	5	14	..
Mt Cook EWS	730	13.1	2.6	7.9	+1.1	19.9	12	-2.6	6	173	13	-172	40	16	174
Mueller Hut EWS	1818	4.3	-2.6	0.9	..	9.8	22	-8.2	4	74	15	..	31	13	..
Mt Cook Aero AWS	659	13.1	1.0	7.1	..	20.6	12	-6.5	6	..	..	..	..	..	..
Methven, Three Spring	305	13.6	2.9	8.3	..	21.0	15	-3.1	8	..	..	..	..	..	..
Methven CWS	313	14.1	3.9	9.0	..	21.2	15	-1.9	8	46	7	..	22	2	..
Winchmore 2 EWS	164	14.9	2.2	8.6	..	22.7	15	-3.8	8	36	6	..	21	2	..
Chertsey CWS	108	14.2	3.5	8.9	..	21.8	15	-3.1	8	47	6	..	25	2	..
Peel Forest	286	14.5	1.8	8.2	-0.3	22.0	15	-2.1	8	40	6	-39	18	2	..
Lismore, Racemans Hou	168	14.3	3.1	8.7	..	22.2	15	-3.1	8	26	6	..	14	2	..
Ashburton Aero AWS	89	14.4	2.5	8.5	..	22.4	15	-4.2	8	43	12	..	23	2	234
Wakanui 2 CWS	53	14.0	3.1	8.6	..	21.9	15	-3.3	8	42	8	..	19	2	..
Waipara West EWS	130	14.6	3.9	9.3	..	23.1	14	-1.4	8	16	5	..	8	2	203
West Eyreton, Larunde	88	14.0	2.8	8.4	..	21.1	14	-2.9	8	..	..	..	..	..	..
Ohoka CWS	13.9	3.1	8.5	..	21.6	14	-3.1	8	30	19	..	..	16	2	..
Rangiora EWS	23	14.9	3.4	9.2	-0.2	22.9	14	-3.2	8	24	5	..	15	2	189
Christchurch Aero	37	14.5	3.9	9.2	-0.2	21.4	16	-3.4	7	37	10	-4	23	2	..
Christchurch Aero Bac	37	14.5	3.8	9.2	..	..	..	..	..	..	..	..	..	..	..
Christchurch Gardens	7	15.2	6.6	10.9	+0.7	23.4	14	0.1	7	51	5	+10	26	2	..
Christchurch, Kyle St	6	15.4	5.4	10.4	+0.2	23.5	14	-0.9	7	46	5	..	25	2	..
Lincoln, Broadfield E	18	14.5	4.7	9.6	+0.0	21.8	16	-2.0	7	39	6	-1	21	2	218

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	
Sugar Loaf AWS	496	12.0	4.8	8.4	..	20.2	14	0.4	9	..	..	..	..	..
Diamond Harbour EWS	122	13.5	6.0	9.8	..	20.6	16	0.5	7	85	6	..	36	2	236
Dorie CWS @ Leferinks	55	14.3	3.4	8.9	..	23.0	15	-3.5	8	56	9	..	30	2	..
Akaroa EWS	45	14.7	6.4	10.6	+0.2	22.3	16	0.9	7	97	7	+27	44	2	185
Le Bons Bay AWS	236	11.8	6.2	9.0	-0.2	18.8	13	2.1	10	73	9	..	28	2	..
Lake Tekapo, Air Safa	762	13.1	0.7	6.9	+0.4	19.8	12	-3.5	7	30	9	-20	11	17	..
Lake Tekapo EWS	762	13.4	1.0	7.2	+0.5	20.7	12	-3.0	6	30	5	..	11	17	241
Fairlie AWS	403	13.3	3.3	8.3	..	21.8	15	-0.9	28	39	7	..	17	2	..
Pukaki Aerodrome AWS	473	15.5	0.0	7.8	..	22.2	15	-5.9	6	28	14	..	17	17	..
Hakataramea Valley Cw	355	15.1	2.5	8.8	..	22.0	15	-1.4	27	23	4	..	12	24	..
Orari Estate	81	..	2.4	..	..	..	..	-2.6	8	21	7	-26	8	24	..
Orari Estate CWS	81	14.5	2.6	8.6	..	22.7	13	-2.8	8	20	6	..	8	24	..
Timaru Aero AWS	26	14.3	1.3	7.8	-0.9	22.9	16	-4.3	8	20	6	-17	10	24	..
Timaru EWS	17	13.4	3.6	8.5	-0.8	22.7	16	-1.3	8	17	5	-18	10	24	214
Waimate CWS	39	13.5	3.3	8.4	..	22.1	16	-1.5	6	20	4	..	11	24	..
Oamaru Airport AWS	30	13.5	3.2	8.4	-0.4	22.7	13	-1.6	6	47	4	+18	34	24	..
Albert Burn	1280	6.6	-0.9	2.9	..	12.6	22	-7.1	25	252	16	..	78	29	..
Mt Larkins EWS	1900	1.2	-4.0	-1.4	..	6.6	12	-10.2	3	69	20	..	20	30	..
Eglinton, Knobs Flat	365	12.4	1.2	6.8	..	19.4	22	-3.6	7	200	14	..	77	29	..
Tara Hills AWS	488	14.4	0.8	7.6	+0.2	..	..	-5.2	8	33	8	-3	16	17	..
Wanaka CWS	331	13.6	2.5	8.1	..	18.7	12	-1.9	6	102	11	..	31	29	..
Wanaka Aero AWS	352	14.1	2.6	8.4	+0.1	19.0	12	-1.8	7	73	9	+16	22	16	..
Windsor EWS	81	13.7	2.0	7.9	-0.8	22.1	15	-3.5	6	31	7	+3	23	24	..
Ranfurly EWS	450	13.7	0.4	7.1	+0.0	21.0	15	-5.8	6	25	6	-1	9	24	..
Oamaru AWS	40	13.5	4.5	9.0	-0.3	23.4	13	-0.6	6	56	10	..	29	24	..
Palmerston	21	14.5	2.8	8.7	+0.2	23.0	15	-3.4	6	35	7	-10	17	24	158
Middlemarch EWS	213	14.9	1.2	8.1	-0.4	23.3	15	-5.7	6	58	8	..	27	23	171
Swampy Summit AWS	722	9.4	1.8	5.6	..	19.8	15	-2.1	25	..	..	..	..	..	..
Dunedin Aero AWS	1	14.8	2.5	8.7	-0.1	23.4	15	-2.0	5	46	10	+4	18	17	..
Dunedin, Musselburgh	4	13.4	5.6	9.5	+0.0	22.5	16	2.4	5	50	10	+2	15	23	206
Oamaru EWS	20	13.1	3.6	8.4	..	22.8	13	0.2	6	48	5	..	32	24	206
Murchison Mtns EWS	1140	6.0	0.1	3.1	..	10.3	21	-5.6	25	227	19	..	69	29	..
Takahe Valley CWS	895	7.3	-1.5	2.9	..	12.1	22	-6.3	25	214	17	..	78	29	..
Te Anau At Park HQ Cw	204	12.6	3.8	8.2	..	17.7	15	-1.2	25	..	..	..	..	..	..
Manapouri, West Arm J	178	10.9	3.2	7.1	+0.0	14.9	22	-1.4	7	246	21	..	81	29	..
Manapouri Aero AWS	209	13.1	1.5	7.3	-0.1	17.9	15	-3.7	27	117	13	+11	43	16	..
Birchwood WXT AWS	147	13.1	4.3	8.7	..	19.9	15	-0.5	6	75	16	..	26	16	..
Queenstown	322	14.4	3.6	9.0	+0.2	20.1	15	0.4	18	130	8	+55	41	16	171
Queenstown EWS	322	13.6	3.2	8.4	..	19.6	15	-0.1	18	129	9	..	40	29	..
Queenstown Aero AWS	354	13.1	1.6	7.4	-0.2	18.5	12	-3.6	6	82	9	+15	28	17	206
Five Rivers CWS	260	13.0	2.3	7.7	..	20.2	15	-3.4	8	114	15	..	25	16	..
Lumsden AWS	187	13.2	2.7	8.0	+0.0	19.1	15	-1.8	28	101	14	..	25	16	..
Waipounamu CWS	152	13.5	2.6	8.1	..	20.7	15	-1.8	8	87	13	..	24	16	..
Cromwell EWS	213	16.1	1.9	9.0	+0.1	21.3	15	-3.2	6	45	7	..	22	16	206
Lauder EWS	375	14.3	1.9	8.1	+0.1	20.4	15	-2.7	8	38	6	+15	15	17	..
Ophir 2	305	14.9	-0.5	7.2	..	21.0	15	-5.8	8	43	5	..	17	17	..
Alexandra	150	16.8	1.4	9.1	-0.2	24.6	15	-5.6	7	44	8	..	14	16	150
Alexandra CWS	140	15.6	2.3	9.0	..	22.0	15	-2.8	6	47	9	..	18	23	..
Clyde 2 EWS	170	15.9	1.3	8.6	..	22.4	15	-4.2	8	39	7	..	15	16	..
Alexandra AWS	230	15.0	1.8	8.4	..	21.6	15	-3.3	6	44	10	..	14	16	..
Roxburgh WXT AWS	160	14.5	4.2	9.4	..	21.5	15	-1.3	8	48	19	..	21	16	..
Ettrick No.2	91	15.4	1.8	8.6	-0.1	22.4	15	-3.2	6	48	8	+11	18	16	..
Waitutu CWS	30	13.9	3.1	8.5	..	20.5	15	-1.1	7	156	21	..	32	29	..
Winton 2	44	14.6	4.1	9.4	+0.7	20.1	15	-0.2	1	75	11	+6	21	16	..
Gore AWS	123	13.2	3.5	8.4	+0.0	20.1	15	-0.6	7	94	13	+31	24	29	..
Gore EWS	60	13.8	2.7	8.3	..	20.7	15	-1.3	7	82	10	..	21	29	178
Invercargill Aero	1	13.5	3.8	8.7	+0.1	19.9	15	-0.5	1	62	12	-22	17	16	167
Invercargill Aero AWS	1	13.6	3.9	8.8	+0.4	19.6	15	-1.0	7	65	11	..	17	16	..
Invercargill Aero 2 E		13.6	3.6	8.6	..	19.9	15	-1.0	1	62	12	..	17	16	191
Tiwai Point EWS	5	13.3	5.5	9.4	+0.4	19.7	15	-0.1	7	41	11	-45	9	16	..
Balclutha, Finegand	6	14.9	3.4	9.2	+0.4	23.0	15	-2.3	6	43	10	-3	10	29	143
Balclutha, Telford Ew	11	14.4	2.4	8.4	..	22.9	15	-2.6	6	37	11	..	9	29	168
Nugget Point AWS	129	12.3	5.4	8.9	+0.3	19.1	15	1.6	25	56	15	-7	20	24	..

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		
Syowa	21	-16.1	-23.2	-19.7	..	-4.4	20	-31.1	18	..	..	..	..	..
Mawson	16	-14.5	-20.5	-17.5	..	..	..	-28.3	8	..	..	..	..	..
Davis	13	-13.0	-20.4	-16.7	..	..	..	-29.2	8	..	..	..	..	..
Progress	64	-14.0	-18.5	-16.3	..	-5.8	25	..	..	..	..	..	..	..
Mirnyj	30	-15.8	-20.5	-18.2	..	-5.5	15	-30.8	4	..	..	..	..	..
Vostok	3420	-59.9	-67.1	-63.5	..	-48.9	11	-77.8	7	..	..	..	..	..
Casey	41	-12.6	-22.4	-17.5	..	..	..	..	..	..	..	..	..	..
Durmunt Durville	43	-13.5	-20.1	-16.8	..	-7.0	10	-27.7	18	..	..	..	..	..
Mcmurdo	24	-21.5	-29.1	-25.3	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-22.1	-30.3	-26.2	..	-13.9	28	-37.2	17	..	..	..	..	..
Ant Scott Base EWS	20	-22.1	-33.4	-27.8	..	-11.8	28	-42.8	27	..	..	..	..	..
Darwin Airport	31	33.5	15.9	24.7	..	..	..	..	..	..	..	..	..	..
Hobart Airport	4	20.6	6.8	13.7	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for August 2018															
Motu EWS	488	13.1	3.4	8.3	+1.8	16.6	27	-3.7	25	..	..	..	..	..
Taumarunui EWS	170	13.5	3.9	8.7	..	16.3	6	-0.6	13	..	..	..	..	..
Whakatu EWS	5	15.4	4.0	9.7	+0.9	19.0	1	-1.4	20	50	18	..	13	4	
Wairoa, North Clyde E	15	15.7	5.2	10.5	+0.5	19.9	28	0.9	25	83	20	-16	19	6	
Reefton EWS	198	13.1	3.3	8.2	+1.1	17.1	31	-1.0	24	190	17	+18	36	20	
Stephens Island	187	13.7	8.7	11.2	+1.7	15.2	6	6.3	24	76	21	..	16	20	
Grassmere Salt Works	2	14.0	7.0	10.5	+1.0	17.6	30	1.4	19	48	15	-6	15	5	
Mt Cook Aero AWS	659	9.9	-0.6	4.7	..	15.9	26	-6.0	19	..	..	..	..	..
Waipara West EWS	130	14.0	2.9	8.5	..	20.0	12	-2.1	19	17	5	..	12	17	
Eglinton, Knobs Flat	365	10.7	1.2	6.0	..	14.6	30	-2.8	6	81	18	..	20	16	
Winton 2	44	13.0	2.4	7.7	+0.9	16.5	29	..	..	49	12	-16	10	22
New Cal, Koumac	18	24.7	16.0	20.4	..	26.1	4	14.1	6	35	5	..	29	27	
New Cal, Poinoimie	13	24.9	16.1	20.5	..	29.5	29	13.6	6	18	15	..	9	27	
New Cal, Nouma	72	23.6	16.5	20.1	..	25.5	13	15.6	5	16	10	..	5	19	
Maopoopo, Futuna Isla	36	29.1	23.4	26.3	..	30.7	31	21.5	7	11	5	..	5	12	
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	151
Late returns and corrections for July 2018															
Taumarunui EWS	170	11.7	2.4	7.1	..	14.2	2	-2.8	4	..	..	..	..	..
Whakatu EWS	5	15.5	1.8	8.7	+0.5	19.0	8	-1.4	11	23	7	..	19	15	
Reefton EWS	198	10.9	3.2	7.1	+1.9	14.4	2	-0.4	4	292	24	+123	51	8	
Grassmere Salt Works	2	13.7	5.5	9.6	+1.1	17.0	29	1.4	26	32	8	-37	20	8	
Eglinton, Knobs Flat	365	8.4	1.0	4.7	..	11.2	14	-3.9	25	332	22	..	85	6	
Ettrick No.2	91	12.3	1.1	6.7	+2.5	17.0	21	-4.0	13	31	8	+2	10	8	
Stewart Is	3	11.4	5.9	8.7	+2.5	14.0	1	1.0	30	185	24	+62	28	28	
Late returns and corrections for June 2018															
Motu EWS	488	11.4	3.0	7.2	+0.7	15.6	16	-4.9	28	..	..	..	..	..
Whakatu EWS	5	14.7	3.3	9.0	+0.2	19.8	16	-1.3	10	124	14	..	47	11	
Reefton EWS	198	10.8	0.9	5.9	+0.0	17.9	13	-3.6	21	58	9	-142	21	24	
Mt Cook Aero AWS	659	6.8	-3.0	1.9	..	13.8	5	-10.4	3	..	..	..	..	..
Eglinton, Knobs Flat	365	7.2	-1.3	3.0	..	12.3	15	-5.9	5	75	13	..	24	9	
Balclutha, Finegand	6	9.5	1.7	5.6	-0.2	14.4	17	-4.0	1	53	15	-5	15	5	
Late returns and corrections for May 2018															
Mueller Hut EWS	1818	4.4	-2.2	1.1	..	13.1	2	-8.8	29	140	14	..	39	8	
Eglinton, Knobs Flat	365	9.1	1.3	5.2	..	16.9	4	-4.9	30	277	19	..	40	20	
Late returns and corrections for April 2018															
Eglinton, Knobs Flat	365	12.1	3.4	7.8	..	16.4	15	-3.4	14	288	22	..	31	16	
Late returns and corrections for March 2018															
Eglinton, Knobs Flat	365	17.2	7.8	12.5	..	23.0	2	-0.9	23	156	20	..	31	27	
Late returns and corrections for February 2018															
Eglinton, Knobs Flat	365	18.9	7.3	13.1	..	25.3	8	0.7	3	240	15	..	54	1	

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 January 2018															
Eglinton, Knobs Flat	365	24.3	12.2	18.3	..	32.1	28	1.6	7	85	9	..	61	31	..
Late returns and corrections for December 2017															
Eglinton, Knobs Flat	365	21.5	9.3	15.4	..	28.0	6	0.4	27	159	16	..	32	11	..
Late returns and corrections for November 2017															
Eglinton, Knobs Flat	365	19.9	6.2	13.1	..	28.2	22	-0.4	8	107	11	..	33	8	..
Late returns and corrections for October 2017															
Eglinton, Knobs Flat	365	16.5	3.8	10.2	..	..	..	-2.3	5	73	20	..	11	25	..
Late returns and corrections for March 2017															
Mt Cook Aero AWS	659	19.6	7.1	13.4	..	26.3	1	0.0	9	..	..	..	..	..	..
Late returns and corrections for February 2017															
Mt Cook Aero AWS	659	21.0	8.6	14.8	..	26.7	20	2.4	27	..	..	..	..	..	..

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.

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