



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		
Cape Reinga AWS	214	20.0	15.9	18.0	+0.8	22.5	2	13.6	19	90	24	-19	36	12	..
Kaitaia Aero EWS	80	22.2	15.1	18.7	+1.8	25.9	2	9.3	21	218	20	+99	74	12	..
Kaitaia Observatory	85	22.2	14.5	18.4	..	26.8	2	8.8	21	223	18	+127	72	12	162
Kaitaia EWS	85	21.6	14.6	18.1	+1.2	26.1	2	8.9	21	213	20	+88	74	12	157
Kerikeri EWS	79	22.1	13.9	18.0	+1.6	25.9	3	8.4	20	310	19	+163	134	12	..
Kerikeri Aerodrome Aw	150	21.3	13.8	17.6	+1.5	25.6	3	9.0	27	304	26	+159	104	12	..
Kaikohe AWS	204	19.9	13.9	16.9	+1.1	24.5	3	9.1	21	319	28	+179	110	4	..
Trounson CWS	244	20.4	13.6	17.0	..	24.9	2	7.0	25	151	24	+20	37	3	..
Dargaville 2 EWS	66	21.0	14.0	17.5	+1.5	25.0	2	8.3	26	127	21	+56	40	4	143
Purerua AWS	82	21.3	15.1	18.2	..	24.7	3	11.0	21	270	17	..	97	12	..
Russell CWS	15	22.0	13.9	18.0	..	26.1	3	8.2	25	321	27	..	104	12	..
Whangarei Aero AWS	37	21.9	14.7	18.3	+1.7	26.3	3	9.6	21	249	22	+146	91	12	..
Whangarei EWS	12	21.9	12.9	17.4	..	26.0	3	6.9	25	207	18	..	74	4	135
Mokohinau AWS	60	20.7	17.3	19.0	+1.3	24.5	3	13.8	21	..	..	..	..	..	..
Leigh 2 EWS	27	21.8	15.9	18.9	+1.5	26.5	3	12.7	20	236	20	+154	85	4	..
Warkworth EWS	72	20.6	12.4	16.5	+1.1	24.9	3	7.0	26	322	22	+215	137	4	..
Whangaparaoa AWS	89	20.7	15.5	18.1	+1.1	24.5	3	12.1	20	319	18	+248	172	4	..
Tiri Tiri Lighthouse	76	20.3	15.7	18.0	+1.2	23.4	3	13.7	20	231	17	+161	122	5	..
Auckland, Whenuapai A	26	21.1	13.0	17.1	+1.6	26.2	3	6.7	26	..	..	..	..	..	..
North Shore, Auckland	20	21.1	15.0	18.1	+1.4	25.1	3	10.7	26	..	..	..	..	..	..
Auckland, North Shore	64	20.9	13.9	17.4	..	24.8	3	8.3	26	278	17	..	111	12	..
Auckland, Henderson N	7	22.2	12.5	17.4	+1.4	27.4	3	6.4	26	241	19	+141	98	4	..
Lincoln Rd, Auckland	25	21.0	13.7	17.4	+1.5	25.5	3	8.0	26	..	..	..	..	..	..
Auckland, Motat EWS	16	21.6	13.2	17.4	..	26.7	3	7.4	26	215	18	..	82	4	185
Waiheke Island, Awaro	34	21.9	13.9	17.9	..	26.5	3	7.5	27	315	12	+213	157	4	..
Whitianga Aero AWS	5	21.0	12.5	16.8	+1.5	26.1	3	7.4	26	396	26	+244	161	4	..
Whitianga EWS	1	21.9	12.1	17.0	..	26.8	3	6.7	27	369	19	..	150	4	..
Thames 2	3	22.2	13.5	17.9	+2.0	26.5	8	8.5	25	241	20	+137	82	12	158
Paeroa AWS	18	21.2	12.2	16.7	+1.5	26.6	3	5.5	21	223	16	+117	70	12	..
Holland Road, Hamilto	45	20.6	11.0	15.8	..	24.6	2	5.6	26	..	..	..	..	..	..
Toenepi EWS	48	21.2	11.1	16.2	+1.2	25.5	3	5.0	27	..	..	..	..	..	..
Matamata, Hinuera EWS	106	20.1	9.7	14.9	+0.8	23.9	3	4.4	27	306	14	..	88	12	..
Tauranga CWS	3	20.9	13.6	17.3	..	23.9	24	9.1	21	422	17	..	163	4	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	192
Tauranga Aero AWS	4	20.9	12.9	16.9	+1.3	24.6	3	7.0	21	293	13	+173	118	4	..
Te Puke EWS	91	21.6	12.2	16.9	+2.3	26.0	3	5.9	21	477	14	+333	186	4	..
Whakatane Aero AWS	7	21.0	11.2	16.1	+1.6	24.2	3	..	..	298	13	+195	117	4	..
Whakatane EWS	1	21.0	11.6	16.3	..	24.8	3	6.2	20	309	14	..	137	4	..
Kawerau AWS	42	..	..	..	..	..	..	..	..	..	..	..	..	..	164
Rotorua EWS	288	19.5	9.6	14.6	..	25.1	3	3.0	22	293	17	..	99	4	166
Rotorua Aero AWS	283	19.1	9.8	14.5	+1.2	24.0	3	3.4	22	356	16	+244	137	4	..
Galatea AWS	174	19.6	8.8	14.2	..	25.1	3	..	..	..	..	..	..	..	..
Taupo CWS	360	19.2	9.1	14.2	..	24.4	3	2.4	21	249	24	..	97	4	..
Tarapounamu EWS	701	15.3	8.6	12.0	..	20.9	3	3.4	21	374	15	..	109	5	..
Taupo AWS	400	17.9	8.2	13.1	+1.1	22.4	3	-0.3	21	211	15	+143	81	4	..
Motu EWS	488	18.9	8.7	13.8	+2.7	25.7	2	0.0	22	338	15	+193	120	4	..
Auckland, Mangere EWS	5	21.4	13.5	17.5	+1.3	26.1	3	9.2	21	202	13	+117	86	4	167
Pakuranga, Auckland R	15	21.5	14.2	17.9	+2.2	..	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.2	15.0	18.1	+1.8	..	..	..	..	..	..	..	..	..	..
Auckland Aero	7	21.2	14.2	17.7	+1.4	25.0	5	9.3	26	178	15	+93	78	4	..
Auckland Aero Backup	7	21.1	14.1	17.6	..	24.7	2	9.3	26	192	18	..	82	4	..
Ardmore Aero AWS	41	21.5	12.8	17.2	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	21.0	12.6	16.8	+1.3	25.0	3	7.7	27	195	13	+109	84	4	..
Firth Of Thames EWS	1	20.8	11.3	16.1	..	24.6	11	4.8	26	265	16	..	103	4	..
Whatawhata 2 EWS	118	21.6	12.1	16.9	+2.2	24.9	11	6.4	21	208	23	+99	120	4	..
Hamilton, Ruakura 2 E	45	20.9	11.3	16.1	+1.6	24.4	3	5.6	26	254	14	+171	81	4	176
Hamilton AWS	53	20.8	10.3	15.6	+1.4	24.6	2	4.5	27	..	..	..	..	..	..
Lake Karapiro CWS	55	20.6	12.8	16.7	..	24.5	2	8.5	27	268	14	..	82	4	..
Port Taharoa AWS	27	20.1	14.0	17.1	+0.9	..	..	..	..	..	..	..	..	..	..
Waikeria EWS	37	20.7	9.9	15.3	..	23.8	11	3.9	25	298	14	..	102	4	171
Te Kuiti EWS	62	19.8	9.2	14.5	+0.4	23.2	1	3.0	22	257	16	+153	109	4	164
Pureora Forest CWS	549	16.8	7.7	12.3	..	20.8	2	0.0	22	287	15	..	88	4	..
Taumarunui EWS	170	19.9	9.1	14.5	..	22.8	10	3.3	8	270	15	..	94	4	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs				
Taumarunui AWS	195	20.0	8.1	14.1	..	23.0	2	0.4	21	259	23	..	96	4	143
Turangi 2 EWS	350	17.9	6.8	12.4	+0.4	21.4	1	-0.5	21	241	14	+127	88	4	139
New Plymouth AWS	30	19.2	11.6	15.4	+0.9	21.3	11	5.5	24	207	18	+91	43	29	173
Lower Retaruke CWS	233	19.2	8.8	14.0	..	22.3	2	1.7	21	284	16	+178	71	4	..
Mt Ruapehu, Chateau E	1097	14.1	5.1	9.6	+1.3	19.1	1	0.0	27	337	14	+157	76	4	..
Pahiatua EWS	110	18.4	8.7	13.6	..	22.0	2	1.9	9	209	14	..	52	4	..
Alfredton RAWs	240	18.3	9.1	13.7	..	21.6	2	1.4	9	157	16	..	48	4	..
Masterton Aero AWS	138	18.9	8.5	13.7	..	24.7	2	2.2	24	193	17	..	57	4	..
Masterton EWS	90	18.5	8.0	13.3	..	24.2	2	2.0	24	192	15	..	60	4	156
Masterton, Te Ore Ore	110	19.8	9.3	14.6	..	26.8	2	2.9	9	190	15	+124	58	4	..
Kopua	311	18.0	8.7	13.4	+0.8	24.4	2	2.9	22	221	13	+148	71	4	..
Takapau Plains AWS	330	17.3	8.2	12.8	+0.6	24.2	2	2.3	23	234	18	..	84	4	..
Dannevirke EWS	207	18.5	9.4	14.0	..	22.9	2	3.1	22	224	15	..	61	4	141
Waione RAWs	48	20.1	9.6	14.9	+1.1	25.4	2	1.9	22	164	15	+109	49	4	..
Akitio EWS	245	15.1	9.4	12.3	..	20.3	2	5.6	19	245	14	..	73	4	173
Castlepoint Station	10	19.0	11.8	15.4	+0.5	24.0	2	6.5	22	206	11	+137	55	4	..
Castlepoint AWS	120	17.5	12.4	15.0	+0.4	22.7	2	8.4	21	41	8	-26	19	13	..
Baring Head	79	16.4	11.8	14.1	..	21.0	11	6.5	19	124	13	..	27	5	..
Te Wharau, Brackenfie	292	17.6	8.9	13.3	..	23.1	2	3.2	19	304	17	..	81	13	..
Martinborough EWS	20	18.4	8.5	13.5	+0.5	23.4	2	2.0	9	174	14	..	33	5	135
Ngawi AWS	6	18.3	12.8	15.6	+0.6	25.0	2	8.4	9	102	10	..	61	13	..
Hicks Bay AWS	46	20.8	14.5	17.7	+1.7	23.6	3	8.9	22	..	..	..	..	..	..
Gisborne AWS	5	20.5	11.7	16.1	+1.2	28.5	2	5.4	22	231	18	+134	80	4	161
Gisborne EWS	12	20.9	11.6	16.3	..	29.7	2	5.7	22	186	14	..	68	4	..
Tolaga Bay WXT AWS	12	19.6	12.8	16.2	..	..	..	..	..	171	23	..	63	4	..
Napier Aero AWS	3	20.1	11.1	15.6	+1.2	27.2	2	4.7	23	179	11	+100	78	4	..
Napier EWS	7	20.6	11.1	15.9	..	27.5	2	4.9	22	201	11	..	88	4	192
Fernhill, Substation	30	20.1	10.2	15.2	..	30.3	2	3.5	23	176	8	..	82	4	..
Hastings AWS	16	20.9	11.2	16.1	..	30.1	2	4.3	23	153	12	..	73	4	..
Whakatu EWS	5	19.4	9.3	14.4	+0.8	26.1	2	2.4	22	144	10	..	67	4	..
Ashcott Road CWS	212	18.6	8.7	13.7	..	27.6	2	1.9	23	210	11	..	84	4	..
Waipawa EWS	130	19.9	9.3	14.6	..	27.2	2	2.1	22	195	11	..	69	4	172
Wairoa, North Clyde E	15	21.1	11.7	16.4	+1.7	28.8	2	6.1	22	294	14	+166	94	4	..
Wairoa Aero AWS	13	20.0	10.8	15.4	..	28.4	2	4.8	22	316	19	..	99	4	..
Mahia Radar WXT AWS	419	16.9	12.4	14.7	..	24.0	2	..	..	..	..	..	..	..	..
Mahia AWS	136	18.8	13.5	16.2	+1.3	26.5	2	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	118	17.7	13.9	15.8	..	24.0	2	9.8	21	..	..	..	..	..	..
Paraparaumu Aero	5	18.5	10.5	14.5	+1.0	22.4	11	3.0	9	177	13	+112	39	5	139
Paraparaumu Aero AWS	5	18.3	10.6	14.5	+1.1	22.5	11	3.2	9	163	15	+103	35	29	146
Paraparaumu EWS	5	18.4	10.5	14.5	..	22.8	11	3.1	9	166	13	+107	35	29	123
Ohakea AWS	50	19.0	10.9	15.0	..	23.1	11	5.1	21	..	..	..	..	..	..
Palmerston North AWS	39	19.4	9.7	14.6	+1.0	22.8	2	3.3	22	192	15	+132	38	4	..
Palmerston North EWS	21	19.0	9.9	14.5	+0.6	23.0	11	3.2	21	187	15	+118	36	4	129
Levin AWS	14	19.1	10.4	14.8	+1.1	23.9	11	3.4	21	193	16	+113	39	29	..
Levin EWS	23	19.0	10.2	14.6	..	23.3	11	2.8	21	199	16	..	43	29	153
Mana Island AWS	100	15.9	11.9	13.9	..	20.1	11	7.2	21	165	14	..	67	5	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	114
Wellington, Kelburn A	125	16.7	11.7	14.2	+0.5	21.1	11	6.7	19	230	18	+145	68	5	..
Wellington Aero	4	17.2	12.4	14.8	+0.4	22.2	11	7.3	9	187	17	+119	72	5	..
Wellington, Greta Poi	3	18.5	12.7	15.6	..	24.7	16	8.6	9	204	14	..	85	5	..
Wellington Aero Backu	4	17.2	12.5	14.9	..	22.1	11	7.2	9	182	18	..	68	5	..
Upper Hutt, Trentham	50	17.9	8.9	13.4	..	22.7	11	1.9	9	222	13	..	57	5	130
Stratford EWS	300	17.5	9.6	13.6	+1.2	20.4	11	3.8	21	334	15	+188	58	29	140
Hawera AWS	98	17.9	10.2	14.1	+0.8	22.1	2	3.4	21	234	15	+151	45	5	..
Ohakune EWS	607	16.8	6.8	11.8	+1.0	20.9	5	-0.4	22	230	13	+122	58	4	146
Waiouru Treatment Pla	806	16.1	6.6	11.4	+1.8	20.9	2	-1.0	22	187	14	+112	57	4	..
Waiouru Airstrip AWS	818	15.6	6.1	10.9	..	20.7	2	-1.2	21	185	19	..	59	4	..
Waiouru EWS	806	15.9	6.7	11.3	..	20.5	2	-0.8	21	207	19	..	64	4	..
Taihape Rec	433	18.7	5.6	12.2	+0.7	23.0	1	0.0	21	152	12	+79	43	4	..
Flat Hills WXT AWS	263	18.3	9.4	13.9	..	22.9	2	3.5	21	93	23	+16	34	3	..
Wanganui, Spriggens Pa	15	19.7	11.4	15.6	+1.0	25.2	2	5.6	8	208	15	+139	45	4	..
Wanganui AWS	8	18.7	11.2	15.0	+0.6	24.3	2	4.9	8	205	16	+134	42	4	..
Wanganui 2 AWS	18	20.1	10.8	15.5	..	25.5	2	4.4	21	..	..	..	..	..	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Takaka EWS	20	17.2	8.4	12.8	-0.3	21.1	2	4.1	24	346	16	+190	98	11	139
Farewell Spit AWS	3	18.2	12.9	15.6	+1.0	20.2	2	10.2	26	170	15	+77	35	5	..
Westport Aero AWS	2	18.2	11.0	14.6	+1.4	20.2	4	7.6	24	224	20	+82	64	11	..
Westport EWS	6	18.0	11.0	14.5	..	20.6	13	7.0	23	224	22	..	72	11	152
Arapito EWS	18	19.3	10.5	14.9	..	22.1	2	7.2	24	197	16	..	39	11	123
Hokitika Aero	39	17.6	9.6	13.6	+1.2	20.5	4	5.2	7	260	15	+29	87	11	146
Hokitika AWS	38	17.4	9.5	13.5	+1.1	20.3	4	5.3	7	277	22	+75	92	11	171
Hokitika EWS	39	17.4	9.2	13.3	..	20.4	4	4.9	7	252	12	..	86	11	..
Reefton EWS	198	18.2	8.5	13.4	+1.6	20.8	7	2.5	21	183	17	+40	60	11	110
Greymouth Aero EWS	5	17.2	10.3	13.8	..	19.1	27	6.2	30	247	16	..	62	14	163
Pigeon Creek CWS	105	17.7	8.7	13.2	..	20.8	3	3.9	21	270	17	..	78	14	..
Mt Philistine EWS	1655	6.2	2.1	4.2	..	11.2	22	-2.6	7	93	20	..	23	11	..
Mahanga EWS	1995	6.3	1.1	3.7	..	9.8	10	-2.9	19	237	16	..	71	12	..
Franz Josef EWS	80	18.5	8.7	13.6	+1.9	23.6	13	5.0	7	291	9	..	114	11	175
Haast AWS	5	17.1	9.8	13.5	+1.5	22.0	13	5.5	7	..	..	..	..	..	..
Milford Sound	3	17.2	8.2	12.7	+1.7	20.5	1	4.7	5	245	17	-288	85	27	..
Milford Sound AWS	3	17.0	8.4	12.7	+1.6	20.9	7	4.7	5	276	21	..	91	27	..
Castle Mount EWS	2000	5.6	-0.5	2.6	..	9.4	22	-4.9	30	1038	21	..	447	27	..
Secretary Island AWS	19	16.8	11.0	13.9	+1.3	23.8	13	8.0	3	326	19	-23	65	29	..
Puysegur Point AWS	44	15.1	10.4	12.8	+1.0	20.0	1	6.9	25	173	21	-42	36	23	..
Motueka, Riwaka EWS	8	19.2	9.2	14.2	+1.5	23.1	2	4.1	23	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	18.5	11.9	15.2	+0.7	23.2	2	..	..	242	15	+114	50	5	..
Nelson Aero	2	18.2	10.4	14.3	+1.1	21.7	2	6.3	27	180	16	+99	42	11	153
Appleby 2 EWS	18	17.8	7.8	12.8	-0.3	22.3	2	1.8	24	195	15	..	69	12	158
Richmond EWS	1	18.4	9.7	14.1	..	21.8	15	4.0	27	173	16	..	50	12	165
Nelson AWS	4	18.1	10.7	14.4	+0.8	21.1	2	5.9	26	185	21	..	42	11	..
Blenheim Research EWS	4	18.5	9.5	14.0	+0.7	25.8	2	4.7	10	131	11	+86	37	12	169
Wairau Valley, Mill R	172	18.4	8.6	13.5	..	25.6	2	3.3	24	148	14	..	37	12	..
Blenheim Aero AWS	35	18.6	8.1	13.4	+0.5	25.6	2	1.9	10	130	10	+77	47	12	..
Brothers Island AWS	68	16.0	12.9	14.5	+0.0	..	..	11.1	21	..	..	..	..	..	..
Grassmere Salt Works	2	17.8	11.6	14.7	+0.8	23.8	2	7.4	26	185	9	+153	48	5	..
Cape Campbell AWS	2	15.9	12.2	14.1	+0.2	18.9	2	10.2	19	..	..	..	..	..	..
Boyle River Lodge	600	16.8	4.6	10.7	+0.6	23.0	2	0.0	8	119	..	-22	31	11	..
Hanmer Forest EWS	363	21.6	5.9	13.8	+3.2	..	..	..	..	164	10	+98	51	5	..
Kaikoura, Middle Cree	5	17.2	7.8	12.5	..	26.8	2	3.7	10	263	19	..	77	5	..
Kaikoura AWS	105	16.4	10.6	13.5	+0.5	26.7	2	8.6	5	158	9	+103	73	13	..
Arthurs Pass	745	13.3	4.8	9.1	+0.9	17.8	22	0.0	9	322	..	-20	105	11	..
Arthurs Pass EWS	745	13.4	5.0	9.2	+0.9	17.9	22	0.1	9	306	12	-55	100	11	..
Arthurs Pass AWS	743	12.8	4.9	8.9	..	17.3	22	0.3	9	..	..	..	..	..	..
Culverden AWS	181	17.5	6.8	12.2	..	25.7	2	2.3	9	106	18	..	28	5	..
Medbury CWS	232	17.2	6.2	11.7	..	26.2	2	0.8	9	46	9	..	33	5	..
Waipara North Branch	560	15.4	6.6	11.0	..	24.0	2	0.4	7	210	12	..	59	5	..
Waiau School CWS	136	18.7	6.4	12.6	..	28.7	2	..	..	131	13	..	35	5	..
Cheviot EWS	75	18.1	7.1	12.6	..	29.2	2	..	..	..	..	..	..	..	..
Upper Rakaia EWS	1752	7.4	1.2	4.3	..	12.0	2	-2.8	7	248	16	..	86	11	..
Mt Potts EWS	2128	5.5	-0.8	2.4	..	11.8	10	-7.6	7	154	15	..	42	11	..
Mt Cook EWS	730	15.2	3.8	9.5	+0.1	22.0	2	-1.7	7	215	12	-129	69	11	120
Mueller Hut EWS	1818	6.7	1.4	4.1	..	11.1	22	-6.1	7	282	16	..	99	11	..
Mt Cook Aero AWS	659	14.9	3.8	9.4	..	21.9	1	-2.0	7	201	13	..	71	11	..
Snowdon RAWs	560	15.5	6.7	11.1	+0.1	21.4	1	-0.1	7	74	5	..	54	5	..
Methven CWS	313	16.2	7.7	12.0	..	25.1	28	1.6	7	160	13	..	52	5	..
Chertsey CWS	108	16.2	7.9	12.1	..	24.6	1	2.7	7	121	12	..	37	5	..
Winchmore EWS	160	16.4	5.8	11.1	-0.5	24.7	1	-0.8	7	146	12	+96	44	5	..
Peel Forest	286	16.0	6.2	11.1	+0.4	24.7	28	-0.2	7	165	15	+86	45	5	..
Lismore, Racemans Hou	168	15.7	7.1	11.4	..	24.3	1	1.0	7	146	12	..	38	5	..
Ashburton Council	101	17.1	7.2	12.2	+0.3	26.5	1	2.0	7	141	..	+92	40	5	..
Ashburton Aero AWS	89	16.2	6.7	11.5	..	24.9	1	1.3	19	147	18	..	46	5	139
Wakanui 2 CWS	53	16.3	7.1	11.7	..	26.6	27	2.0	7	120	12	..	42	5	..
Waipara West EWS	130	17.6	8.5	13.1	..	26.6	2	4.5	26	163	10	..	65	5	170
West Eyreton, Larunde	88	16.5	7.4	12.0	..	24.7	2	3.0	10	..	..	..	..	..	..
Rangiora EWS	23	16.7	7.3	12.0	+0.1	25.3	2	1.4	30	153	11	..	50	5	133
Eyrewell, Ngai Tahu W	210	15.9	7.7	11.8	..	24.4	2	3.2	7	135	13	..	48	5	..
Eyrewell, Ngai Tahu E	72	16.3	7.1	11.7	..	24.1	28	1.5	10	120	11	..	36	5	..

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	
Christchurch Aero	37	16.9	7.8	12.4	+0.5	25.6	28	1.3	30	157	18	+113	43	5	..
Christchurch Aero Bac	37	16.8	7.8	12.3	..	25.5	28	1.4	30	157	18	..	43	5	..
Christchurch Gardens	7	17.5	8.1	12.8	+0.1	26.6	28	1.3	14	167	11	+121	39	13	..
Christchurch, Kyle St	6	19.2	7.0	13.1	+0.7	29.3	28	2.3	30	162	11	..	38	13	..
Lincoln, Broadfield E	18	16.5	8.1	12.3	+0.1	25.3	28	2.4	30	123	10	+79	36	5	..
Sugar Loaf AWS	496	14.6	8.7	11.7	..	22.2	28	4.8	7	..	..	..	..	..	..
Diamond Harbour EWS	122	16.3	9.6	13.0	..	24.7	2	6.4	21	191	9	..	81	6	..
Leeston RAWs	15	17.5	8.2	12.9	..	25.7	28	3.5	9	99	14	..	27	5	..
Dorie CWS @ Leferinks	55	16.2	7.6	11.9	..	22.5	1	2.6	7	121	12	..	37	5	..
Akaroa EWS	45	17.8	10.1	14.0	+1.1	27.0	2	7.4	30	296	11	+229	122	5	135
Le Bons Bay AWS	236	14.8	9.8	12.3	+0.1	24.7	2	5.9	7	..	..	..	..	..	..
Lake Tekapo, Air Safa	762	14.2	4.5	9.4	+0.2	22.3	1	-0.5	7	90	11	+45	27	11	..
Lake Tekapo EWS	762	14.5	4.4	9.5	+0.1	22.5	1	-0.5	7	81	9	..	26	11	165
Fairlie AWS	403	15.5	6.9	11.2	..	22.9	28	2.5	7	92	18	..	18	11	..
Pukaki Aerodrome AWS	473	16.6	3.8	10.2	..	26.1	2	-2.1	7	92	17	..	36	11	..
Hakataramea Valley Cw	355	16.5	6.1	11.3	..	25.1	1	-0.5	7	50	11	..	14	12	..
Orari Estate	81	16.5	6.7	11.6	+0.4	27.5	28	1.7	7	164	14	+118	46	5	..
Orari Estate CWS	81	16.2	6.7	11.5	..	27.0	28	1.4	7	153	13	..	44	5	..
Timaru Aero AWS	26	16.2	6.2	11.2	+0.2	24.6	28	0.1	7	109	13	+71	30	5	..
Timaru EWS	17	15.1	7.5	11.3	-0.3	25.0	28	2.2	7	114	15	+72	33	5	125
Waimate CWS	39	16.6	8.1	12.4	..	25.4	28	2.1	7	93	12	..	22	5	..
Oamaru Airport AWS	30	15.5	7.8	11.7	+0.8	24.4	28	0.2	7	118	15	+81	24	12	..
Albert Burn	1280	9.8	3.6	6.7	..	16.0	22	-1.1	7	184	15	..	57	11	..
Mt Larkins EWS	1900	5.1	-0.1	2.5	..	9.4	22	-4.7	7	82	14	..	27	11	..
Eglinton, Knobs Flat	365	14.9	5.1	10.0	..	18.8	1	-2.0	7	83	13	..	25	11	..
Tara Hills AWS	488	16.4	4.9	10.7	+1.0	..	..	-2.1	7	..	..	..	..	..	..
Wanaka CWS	331	16.8	6.7	11.8	..	23.1	1	0.0	7	59	8	..	36	11	..
Wanaka Aero AWS	352	17.2	7.0	12.1	+1.5	24.4	1	-0.9	7	49	6	+2	33	11	..
Windsor EWS	81	16.3	7.1	11.7	+0.9	24.1	28	-0.6	7	91	15	+57	21	5	..
Ranfurly EWS	450	15.8	4.7	10.3	+1.1	24.2	1	-0.3	29	34	10	-3	18	11	..
Oamaru AWS	40	16.0	8.4	12.2	+0.5	25.4	28	0.9	7	154	22	..	44	12	..
Palmerston	21	16.5	6.8	11.7	+1.1	24.3	28	0.6	29	133	14	+88	41	12	91
Middlemarch EWS	213	16.8	5.5	11.2	+1.0	26.9	1	-1.9	7	76	15	..	22	11	94
Swampy Summit AWS	722	11.6	5.8	8.7	..	18.2	1	0.0	7	..	..	..	..	..	..
Dunedin Aero AWS	1	16.6	6.7	11.7	+1.2	24.0	28	-0.1	29	77	15	+29	22	12	..
Dunedin, Musselburgh	4	15.7	9.6	12.7	+1.0	24.0	28	5.9	7	136	14	+85	56	12	123
Oamaru EWS	20	14.8	7.5	11.2	..	23.1	28	0.7	7	103	12	..	23	12	131
Murchison Mtns EWS	1140	9.0	3.4	6.2	..	13.2	1	-1.2	7	105	16	..	21	11	..
Takahe Valley CWS	895	9.7	2.1	5.9	..	16.1	1	-3.4	7	76	16	..	25	29	..
Te Anau At Park HQ Cw	204	14.7	6.7	10.7	..	22.1	1	-0.4	7	..	..	..	..	..	..
Manapouri, West Arm J	178	13.6	7.1	10.4	+1.0	17.6	1	2.6	7	123	15	..	29	29	..
Manapouri Aero AWS	209	15.7	4.8	10.3	+0.8	21.4	1	-2.9	7	49	14	-42	17	11	..
Birchwood WXT AWS	147	15.9	7.5	11.7	..	25.0	1	1.5	7	56	16	..	15	29	..
Queenstown	322	15.9	7.9	11.9	+0.8	22.0	1	2.8	7	42	8	-27	18	11	92
Queenstown EWS	322	15.8	7.7	11.8	..	22.0	1	2.5	7	40	8	..	18	11	..
Queenstown Aero AWS	354	15.7	6.3	11.0	+1.4	24.5	1	0.9	21	39	9	-17	18	11	142
Five Rivers CWS	260	15.2	5.6	10.4	..	23.8	1	-1.4	7	43	15	..	15	11	..
Lumsden AWS	187	15.5	5.8	10.7	+0.8	22.4	1	0.3	5	2	1	..	2	11	..
Waipounamu CWS	152	15.7	6.0	10.9	..	25.3	1	0.2	7	32	13	..	11	11	..
Cromwell EWS	213	17.9	6.2	12.1	+1.3	24.8	2	-1.4	7	31	6	..	22	11	145
Lauder EWS	375	17.2	6.1	11.7	+2.0	26.0	1	-0.8	7	46	9	+8	20	11	..
Ophir 2	305	16.6	3.3	10.0	..	25.2	1	-3.5	7	38	8	..	22	11	..
Alexandra	150	17.9	6.2	12.1	+1.1	26.2	1	-1.3	7	36	11	..	22	11	101
Alexandra CWS	140	17.2	6.4	11.8	..	25.7	1	-0.1	7	29	14	..	20	11	..
Clyde 2 EWS	170	17.0	5.2	11.1	..	26.0	1	-2.4	7	34	9	..	24	11	..
Alexandra AWS	230	16.4	6.0	11.2	..	25.7	1	-0.8	7	41	15	..	26	11	..
Roxburgh WXT AWS	160	16.8	7.9	12.4	..	25.5	1	0.8	7	34	11	..	18	11	..
Ettrick No.2	91	17.2	5.4	11.3	+0.8	26.5	1	-1.5	7	26	8	-20	16	11	..
Tapanui	180	..	..	..	..	25.1	1	1.0	4	57	..	-13	13	11	..
Waitutu CWS	30	15.5	7.1	11.3	..	21.3	27	1.1	5	142	20	..	41	29	..
Winton 2	44	16.4	7.1	11.8	+1.3	24.2	1	-1.0	4	50	15	-27	12	11	108
Gore AWS	123	15.3	7.3	11.3	+1.2	24.3	1	2.2	4	53	19	-21	10	11	..
Invercargill Aero	1	15.5	7.8	11.7	+1.3	22.9	1	1.6	4	49	19	-47	11	29	124



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		
Base Jubany	4	0.5	-3.1	-1.3	..	4.7	1	-13.7	22	..	..	..	..	..	
V C Marambio	198	-5.9	-14.2	-10.1	..	8.0	1	-28.7	21	..	..	..	..	..	
Eduardo Frei	10	-0.8	-2.8	-1.8	..	3.2	1	-13.7	22	..	..	..	..	..	
Arturo Prat		0.2	-2.6	-1.2	..	4.3	15	-13.1	22	..	..	..	..	..	
Great Wall	10	0.5	-3.2	-1.4	..	..	..	..	..	..	..	..	..	..	
Bernado Ohiggins	10	-2.4	-4.8	-3.6	..	1.6	1	-17.1	22	..	..	..	..	..	
Palmer Station	8	0.1	-2.2	-1.1	..	..	..	..	..	..	..	..	..	..	
Rothera Point	16	-1.1	-4.1	-2.6	..	3.9	18	-9.1	22	..	..	..	..	..	
Argentine Is, Faraday	11	-0.4	-3.0	-1.7	..	4.4	8	-6.8	30	..	..	..	..	..	
Gen San Martin	4	-1.6	-6.1	-3.9	..	..	..	..	..	..	..	..	..	..	
King Sejong	11	1.4	-2.5	-0.6	..	..	..	-14.0	22	..	..	..	..	..	
Novolax Arevskaja	99	-10.2	-14.8	-12.5	..	..	..	-26.5	23	..	..	..	..	..	
Syowa	21	-7.1	-12.0	-9.6	..	-0.9	4	-22.1	15	..	..	..	..	..	
Mawson	16	-14.8	-21.7	-18.3	..	..	..	-25.3	30	..	..	..	..	..	
Davis	13	-13.4	-19.3	-16.4	..	-5.5	30	-29.7	26	..	..	..	..	..	
Progress	64	-13.7	-16.8	-15.3	..	..	..	-22.8	15	..	..	..	..	..	
Mirnyj	30	-12.3	-15.5	-13.9	..	..	..	..	..	..	..	..	..	..	
Vostok	3420	-65.2	-69.5	-67.4	..	-49.7	27	-73.7	3	..	..	..	..	..	
Casey	41	-6.4	-13.1	-9.8	..	-0.6	19	-19.8	27	..	..	..	..	..	
Durmont Durville	43	-11.1	-16.3	-13.7	..	-3.5	1	-24.4	11	..	..	..	..	..	
Mcmurdo	24	-14.6	-22.6	-18.6	..	..	..	..	..	..	..	..	..	..	
Ant Arrival Heights E	218	-15.6	-22.3	-19.0	..	-9.2	28	-29.5	5	..	..	..	..	..	
Ant Scott Base EWS	20	-16.7	-27.7	-22.2	..	-9.5	28	-40.1	4	..	..	..	..	..	
Darwin Airport	31	32.2	20.8	26.5	..	34.2	8	15.0	29	165	12	..	67	11	
Hobart Airport	4	25.4	9.8	17.6	..	33.1	2	3.9	27	18	10	..	10	9	
Late returns and corrections for March 2017															
Kaitaia EWS	85	23.7	15.5	19.6	+0.9	27.4	8	11.5	16	221	12	+143	95	10	188
Kerikeri EWS	79	24.4	14.9	19.7	+1.4	26.4	8	11.2	21	269	10	+138	83	9	..
Tiri Tiri Lighthouse	76	22.1	16.9	19.5	+0.7	24.0	4	14.4	15	365	18	+293	129	8	..
Kawerau AWS	42	..	..	..	..	..	..	..	..	..	..	..	..	..	189
Auckland, Mangere EWS	5	22.9	15.8	19.4	+0.9	25.8	28	11.3	16	311	12	+226	101	10	172
Waipawa EWS	130	22.0	11.6	16.8	..	28.2	5	5.7	20	62	12	..	17	7	146
Takaka EWS	20	20.7	10.4	15.6	+0.1	25.5	22	6.3	9	223	11	+82	70	11	202
Richmond EWS	1	21.9	12.5	17.2	..	27.5	5	5.3	8	77	12	..	30	11	216
Grassmere Salt Works	2	20.1	13.6	16.9	+0.2	26.8	3	9.2	17	43	10	+5	17	11	..
Boyle River Lodge	600	20.5	7.2	13.9	+0.7	..	..	..	..	61	10	-85	22	11	..
Hanmer Forest EWS	363	22.8	6.0	14.4	+0.6	..	..	..	..	77	11	-7	20	12	..
Cheviot EWS	75	20.0	9.5	14.8	..	31.3	17	1.8	9	71	15	..	21	12	165
Winchmore EWS	160	19.0	7.7	13.4	-1.0	30.4	17	2.4	9	90	15	+29	25	12	..
Rangiora EWS	23	19.5	10.5	15.0	+0.4	30.4	3	4.3	19	..	..	..	..	..	149
Lincoln, Broadfield E	18	19.4	10.7	15.1	+0.2	30.5	5	3.6	9	73	13	+27	21	13	..
Stewart Is	3	15.8	8.0	11.9	-0.2	21.0	28	3.8	21	174	17	+34	88	4	..
Samoa, Pago Pago Aero	3	31.6	26.1	28.9	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	150
Late returns and corrections for February 2017															
Hicks Bay AWS	46	23.7	16.8	20.3	+1.2	27.3	7	12.4	11	..	..	..	..	..	..
Takaka EWS	20	21.5	10.4	16.0	-1.4	26.8	21	5.1	10	53	8	-65	20	12	215
Stephens Island	187	..	13.9	..	..	..	..	10.0	9	69	9	..	41	3	..
Richmond EWS	1	23.0	12.3	17.7	..	27.0	23	6.0	10	24	6	..	13	2	244
Hanmer Forest EWS	363	24.3	7.4	15.9	+0.3	..	..	..	..	28	10	-36	10	7	..
Winchmore EWS	160	23.4	9.0	16.2	+0.0	32.6	5	2.5	15	10	8	-46	3	7	..
Rangiora EWS	23	23.3	11.8	17.6	+1.2	30.0	4	3.3	15	..	..	..	..	..	226
Lincoln, Broadfield E	18	23.0	11.4	17.2	+0.6	31.1	5	2.0	15	3	5	-38	1	17	..
Late returns and corrections for January 2017															
Takaka EWS	20	21.6	9.2	15.4	-1.8	26.2	11	5.5	5	176	12	+45	108	21	257
Hanmer Forest EWS	363	23.6	6.5	15.1	-0.9	..	..	..	..	66	9	+4	26	18	..
Winchmore EWS	160	22.4	8.0	15.2	-1.3	31.1	31	0.2	5	54	10	-2	14	18	..
Rangiora EWS	23	24.1	11.7	17.9	+1.2	31.5	31	5.4	26	..	..	..	..	..	278
Lincoln, Broadfield E	18	23.2	11.3	17.3	+0.4	31.8	31	3.5	20	42	8	+0	16	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		
Late returns and corrections for December 2016															
Hanmer Forest EWS	363	22.1	5.7	13.9	-0.5	..	..	..	..	27	10	-47	8	8	..
Winchmore EWS	160	20.5	7.9	14.2	-0.7	29.7	27	2.8	30	43	11	-20	16	10	..
Rangiora EWS	23	21.7	11.1	16.4	+1.0	31.6	21	4.8	16	62	12	..	19	10	221
Late returns and corrections for November 2016															
Hanmer Forest EWS	363	19.3	4.4	11.9	-0.2	..	..	..	..	104	13	+10	35	11	..
Winchmore EWS	160	19.2	6.8	13.0	+0.2	28.5	22	1.3	1	88	19	+30	27	11	..
Late returns and corrections for October 2016															
Hanmer Forest EWS	363	18.6	2.5	10.6	+0.4	..	..	..	..	100	12	-3	30	20	..
Winchmore EWS	160	17.3	5.0	11.2	+0.2	24.8	18	-1.4	22	50	13	-8	12	20	..
Late returns and corrections for September 2016															
Hanmer Forest EWS	363	15.7	2.1	8.9	+0.6	..	..	..	..	52	14	-28	15	8	..
Winchmore EWS	160	14.8	3.9	9.4	+0.2	22.6	12	-2.3	10	20	8	-32	14	8	..
Late returns and corrections for August 2016															
Hanmer Forest EWS	363	12.5	-2.0	5.3	-0.6	20.7	31	-9.3	11	64	12	-43	12	13	..
Winchmore EWS	160	12.3	-0.1	6.1	-1.0	20.1	29	-5.3	1	54	8	-13	24	3	..
Late returns and corrections for July 2016															
Winchmore EWS	160	12.9	-0.9	6.0	+0.4	19.0	23	-4.9	11	21	10	-46	14	23	..
Late returns and corrections for June 2016															
Winchmore EWS	160	14.0	1.6	7.8	+1.5	20.6	22	-3.6	7	23	12	-35	8	12	..
Late returns and corrections for May 2016															
Winchmore EWS	160	16.7	4.2	10.5	+1.7	24.2	7	-1.2	30	79	14	+13	23	27	..
Late returns and corrections for April 2016															
Winchmore EWS	160	18.7	5.1	11.9	+0.3	25.1	3	0.9	14	18	7	-32	5	7	..
Late returns and corrections for March 2016															
Winchmore EWS	160	21.4	8.3	14.9	+0.5	30.8	10	0.1	12	43	5	-18	33	15	..
Late returns and corrections for February 2016															
Winchmore EWS	160	24.8	11.4	18.1	+1.9	30.6	26	6.2	21	4	7	-52	1	22	..
Late returns and corrections for January 2016															
Winchmore EWS	160	19.8	9.9	14.9	-1.6	30.3	22	3.3	5	100	20	+44	30	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.