

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	15.7	11.1	13.4	+0.8	18.3	5	7.8	25	150	23	+55	36	10	..
Kaitaia Aero EWS	80	17.0	10.3	13.7	+1.6	19.8	20	5.2	10	178	24	+74	43	18	..
Kaitaia Aero AWS	82	16.8	10.0	13.4	..	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	16.6	10.2	13.4	+1.2	19.1	5	5.0	16	199	21	+86	37	18	157
Kerikeri EWS	79	17.4	9.1	13.3	+1.6	20.4	20	4.7	16	254	24	+72	73	10	..
Kerikeri Aerodrome Aw	150	16.6	8.8	12.7	+1.4	20.2	20	4.2	16	268	29	+86	69	18	..
Kaikohe AWS	204	14.9	9.2	12.1	+0.9	18.2	20	4.6	16	260	28	+101	61	18	..
Trounson CWS	244	15.2	8.6	11.9	..	18.6	20	2.0	16	207	20	+32	26	23	..
Dargaville 2 EWS	66	16.3	9.1	12.7	+1.2	20.4	20	2.1	16	133	21	+15	28	24	145
Purerua AWS	82	16.7	10.2	13.5	..	19.3	21	6.4	16	147	24	..	47	10	..
Russell CWS	15	17.6	8.8	13.2	..	20.6	20	2.8	16	227	26	..	58	18	..
Whangarei Aero AWS	37	16.7	9.5	13.1	+1.1	20.6	20	3.3	16	176	24	+50	41	18	..
Whangarei EWS	12	17.4	8.6	13.0	..	21.3	20	2.1	16	167	23	..	36	18	135
Mokohinau AWS	60	15.2	12.1	13.7	+0.7	..	..	9.8	27	..	..	..	..	..	..
Leigh 2 EWS	27	17.2	9.8	13.5	+0.8	19.6	20	6.6	16	120	21	+0	27	23	..
Warkworth EWS	72	16.2	7.6	11.9	+1.0	20.0	20	0.6	16	192	20	+40	42	18	..
Whangaparaoa AWS	89	15.9	9.9	12.9	+1.0	19.1	29	..	..	..	..	..	..	..	..
Auckland, Whenuapai A	26	16.1	7.6	11.9	+0.9	18.9	20	-1.0	16	157	21	..	34	11	..
Auckland, North Shore	64	16.9	7.2	12.1	..	19.8	29	-0.4	16	152	19	..	26	11	149
Auckland, Henderson N	7	17.0	6.9	12.0	+0.9	20.6	29	-0.6	16	172	20	+15	29	24	..
Auckland, Motat EWS	16	16.9	7.7	12.3	..	19.3	20	-0.1	16	131	17	..	25	11	162
Waiheke Island, Awaro	34	16.9	10.2	13.6	..	19.1	22	3.0	16	115	14	-22	21	23	..
Whitianga Aero AWS	5	15.9	8.3	12.1	+1.3	19.1	20	0.6	16	197	26	+1	47	11	..
Whitianga EWS	1	16.8	8.0	12.4	..	20.0	29	-0.4	16	181	22	..	46	11	..
Thames 2	3	16.0	8.5	12.3	+1.1	19.0	20	2.0	16	125	21	+1	21	6	135
Paeroa AWS	18	15.8	7.4	11.6	+1.0	18.6	20	-0.2	16	106	19	-12	13	7	..
Matamata, Hinuera EWS	85	16.0	5.0	10.5	+1.6	18.8	23	-1.3	16	91	19	..	16	6	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	181
Tauranga Aero AWS	4	16.1	8.2	12.2	+1.4	19.1	12	2.2	16	..	..	..	..	..	..
Te Puke EWS	91	15.8	6.8	11.3	+1.2	19.0	30	1.0	16	149	18	-11	32	19	..
Whakatane Aero AWS	7	16.1	5.2	10.7	+1.0	20.0	30	-1.0	16	76	13	-37	27	11	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	186
Whakatane EWS	1	16.1	5.4	10.8	..	20.2	30	0.1	9	106	13	..	50	11	..
Mamaku Radar WXT AWS	17	10.6	6.0	8.3	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	16.8	5.1	11.0	..	20.2	30	-0.4	16	..	..	..	..	..	..
Rotorua EWS	288	14.0	4.7	9.4	..	17.1	5	-1.6	16	117	17	..	29	6	167
Rotorua Aero AWS	283	13.6	4.9	9.3	+0.9	16.8	5	-2.3	17	142	20	+7	33	19	..
Galatea AWS	174	14.5	2.8	8.7	..	18.1	31	-3.8	16	90	24	..	23	23	..
Taupo CWS	360	13.7	3.7	8.7	..	16.8	30	-2.8	16	45	13	..	14	23	..
Tarapounamu EWS	701	10.1	2.7	6.4	..	..	..	-2.0	17	135	19	..	23	23	..
Taupo AWS	400	12.3	3.8	8.1	+0.9	..	..	-4.4	15	68	16	-19	14	6	..
Motu EWS	488	12.9	2.5	7.7	+1.2	17.3	4	-3.8	9	157	18	-51	38	11	..
Auckland, Mangere 2 E	16	16.1	8.6	12.4	..	19.0	29	0.6	16	116	19	..	17	24	154
Auckland Aero	7	16.0	8.7	12.4	+0.8	18.8	29	2.1	16	121	22	+10	18	7	..
Auckland Aero Backup	7	16.0	8.7	12.4	..	18.9	29	2.4	16	110	24	..	16	24	..
Ardmore Aero AWS	41	16.6	7.2	11.9	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	15.9	7.8	11.9	+1.1	19.0	12	1.3	16	99	17	-45	15	24	..
Firth Of Thames EWS	3	15.9	6.6	11.3	..	18.6	30	-1.6	16	110	19	..	23	24	..
Whatawhata 2 EWS	118	15.2	7.0	11.1	+1.0	18.1	12	0.1	15	145	21	-23	21	24	..
Hamilton, Ruakura 2 E	45	16.7	5.4	11.1	+1.3	20.0	23	-2.5	16	98	17	-12	15	24	145
Hamilton AWS	53	15.6	5.2	10.4	+0.8	18.5	5	-2.3	16	..	..	..	..	..	..
Lake Karapiro CWS	55	15.8	7.6	11.7	..	19.7	4	2.5	16	111	16	..	25	19	..
Port Taharoa AWS	27	15.3	9.6	12.5	+1.1	17.9	3	4.3	16	99	18	..	24	6	..
Awakino EWS	400	12.6	4.6	8.6	..	15.5	4	-0.3	16	165	22	..	27	6	99
Waikeria EWS	37	15.2	3.8	9.5	..	17.8	4	-3.3	16	100	18	..	28	24	153
Te Kuiti EWS	61	16.4	4.2	10.3	+0.7	19.2	12	-2.5	16	172	15	+32	41	6	139
Pureora Forest CWS	549	11.2	3.2	7.2	..	14.2	5	-3.7	16	182	17	..	35	20	..
Taumarunui EWS	170	14.8	4.3	9.6	..	17.9	23	-1.7	17	134	19	..	24	20	..
Taumarunui AWS	195	14.5	3.3	8.9	..	18.0	3	-4.3	16	126	24	..	19	20	125
Turangi 2 EWS	360	13.3	2.4	7.9	+0.6	17.4	31	-6.5	15	112	14	-40	19	23	150
New Plymouth AWS	30	14.7	7.2	11.0	+0.8	16.9	29	0.5	28	124	17	-3	32	24	187
Lower Retaruke CWS	233	14.1	4.2	9.2	..	16.8	3	-3.2	16	132	21	-20	31	20	..
Mt Ruapehu, Chateau E	1097	7.9	-0.3	3.8	+0.5	12.2	31	-6.2	15	214	18	-27	34	20	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	Hrs		
Pahiatua EWS	110	14.7	3.4	9.1	..	17.7	23	-4.3	15	55	18	..	22	27	..
Masterton Aero AWS	138	14.7	2.9	8.8	..	19.4	31	-2.3	15	51	16	..	15	27	..
Masterton EWS	90	15.3	2.6	9.0	..	20.2	31	-3.3	15	44	10	..	12	25	173
Masterton, Te Ore Ore	110	14.9	3.3	9.1	..	19.3	31	-2.3	15	44	12	-39	11	27	..
Takapau Plains AWS	330	12.8	3.3	8.1	+0.3	18.0	20	-3.1	15	45	22	..	6	25	..
Dannevirke EWS	207	13.7	4.6	9.2	..	17.4	20	-2.4	15	27	15	..	5	25	119
Akitio EWS	245	12.1	6.5	9.3	..	15.3	6	1.0	15	40	13	..	9	27	174
Castlepoint AWS	120	13.4	8.5	11.0	+0.8	16.6	5	3.8	15	21	11	-68	10	27	..
Baring Head	79	13.0	8.4	10.7	..	15.4	30	3.9	13	17	10	..	4	19	..
Te Wharau, Brackenfie	292	13.8	4.6	9.2	..	17.4	31	-2.0	15	45	10	..	15	27	..
Martinborough EWS	20	15.3	4.3	9.8	+0.9	18.7	6	-1.6	15	17	7	..	8	20	149
Ngawi AWS	6	15.3	9.5	12.4	+1.6	20.4	31	4.7	18	7	6	..	3	19	..
Hicks Bay AWS	46	15.9	9.4	12.7	+1.3	18.0	12	3.2	9	192	21	+59	50	19	..
Gisborne AWS	5	16.0	6.3	11.2	+0.9	21.1	22	1.5	18	56	16	-22	15	19	183
Gisborne EWS	12	16.5	6.5	11.5	..	23.0	31	..	..	..	..	..	..	..	..
Tolaga Bay WXT AWS	12	15.2	7.7	11.5	..	..	..	3.1	18	80	18	..	32	19	..
Napier Aero AWS	3	15.3	5.2	10.3	+0.6	21.6	30	-0.2	18	24	10	-30	6	11	..
Napier EWS	7	15.8	5.5	10.7	..	22.4	30	0.0	18	26	10	..	6	11	188
Maraekakaho CWS	150	15.2	..	..	..	21.8	30	..	..	20	9	..	6	11	..
Hastings AWS	16	15.9	4.3	10.1	..	22.9	30	0.1	15	28	16	..	5	11	..
Whakatu EWS	5	15.8	3.3	9.6	+0.8	22.2	30	-1.0	10	24	10	..	7	11	..
Waipawa EWS	130	15.1	2.4	8.8	..	19.8	30	-2.6	15	28	11	..	11	23	157
Wairoa, North Clyde E	15	16.8	5.9	11.4	+1.4	23.7	30	1.4	18	61	11	-38	11	8	..
Wairoa Aero AWS	13	15.5	4.7	10.1	..	22.2	30	-0.1	18	77	19	..	21	25	..
Mahia Radar WXT AWS	419	11.8	7.6	9.7	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	13.9	8.6	11.3	+1.0	..	..	4.9	15	..	..	..	..	..	..
Cape Kidnappers WXT A	118	14.0	9.2	11.6	..	20.2	30	5.7	9	..	..	..	..	..	..
Paraparaumu Aero	5	14.5	6.4	10.5	+1.1	..	..	-2.3	16	73	12	-18	22	23	154
Paraparaumu Aero AWS	5	14.5	6.5	10.5	+1.1	16.8	29	-2.0	16	65	11	-20	20	23	163
Paraparaumu EWS	5	14.6	6.6	10.6	..	17.0	29	-2.0	16	66	11	-22	20	23	157
Ohakea AWS	50	14.4	5.5	10.0	..	17.6	23	-2.3	15	52	15	..	9	23	..
Palmerston North AWS	40	14.6	5.5	10.1	+0.9	17.4	23	-2.9	15	47	19	-22	9	24	..
Palmerston North EWS	21	14.7	5.8	10.3	+0.9	18.2	23	-1.8	17	40	15	-40	6	20	121
Levin AWS	14	14.9	5.7	10.3	+0.9	18.9	23	-2.2	16	70	17	-22	14	23	..
Levin EWS	23	14.6	5.2	9.9	..	18.2	23	-3.0	16	66	13	..	14	23	156
Mana Island AWS	100	12.7	8.4	10.6	..	14.5	2	3.6	15	49	11	..	13	19	..
Porirua, Elsdon Park	7	14.7	6.1	10.4	..	..	..	-1.9	15	..	..	..	..	..	..
Wellington, Kelburn A	125	13.5	8.0	10.8	+1.4	15.8	22	1.9	15	41	13	-75	13	23	167
Wellington Aero	4	14.3	8.5	11.4	+1.2	16.5	22	2.6	15	28	10	-65	9	23	..
Wellington, Greta Poi	3	14.8	8.7	11.8	..	18.3	22	4.1	18	26	7	..	7	23	..
Wellington Aero Backu	4	14.3	8.5	11.4	..	16.5	22	2.7	15	28	9	..	9	23	..
Upper Hutt, Trentham	50	14.1	4.2	9.2	..	16.4	22	-4.5	15	50	12	..	16	20	160
Stratford EWS	280	13.6	4.2	8.9	+0.7	16.5	29	-2.1	15	153	16	-37	36	24	155
Hawera AWS	98	13.8	6.0	9.9	+0.9	16.6	23	-2.2	15	72	15	-27	21	6	..
Ohakune EWS	607	12.8	1.3	7.1	+0.9	16.8	19	-5.7	15	92	16	-29	18	20	..
Waiouru Treatment Pla	806	10.1	1.6	5.9	+1.0	13.9	20	-5.3	16	86	16	-9	18	21	..
Waiouru Airstrip AWS	818	9.6	1.2	5.4	..	14.1	20	-6.0	16	84	19	..	17	21	..
Waiouru EWS	803	9.8	1.6	5.7	..	13.7	20	-5.5	16	91	21	..	17	21	..
Flat Hills WXT AWS	263	13.3	5.5	9.4	..	17.7	23	-2.3	15	25	26	-53	6	15	..
Wanganui, Spriggens Pa	15	15.0	6.5	10.8	+0.6	19.4	23	-0.6	16	55	14	-19	15	7	..
Wanganui AWS	8	14.8	6.7	10.8	+0.7	19.1	23	-0.8	15	62	12	-13	21	7	..
Wanganui 2 AWS	18	16.3	6.3	11.3	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	15.9	3.6	9.8	+1.1	20.8	30	0.2	10	186	13	+3	61	18	177
Farewell Spit AWS	3	17.4	9.1	13.3	+2.9	19.4	29	5.4	28	..	..	..	..	..	..
Westport Aero AWS	2	14.5	7.5	11.0	+1.7	..	..	3.1	12	..	..	..	..	..	..
Westport EWS	6	14.5	7.5	11.0	..	16.8	23	2.3	12	155	22	..	21	19	162
Arapito EWS	3	15.8	6.6	11.2	..	17.8	23	2.4	12	151	22	..	35	21	148
Hokitika Aero	39	13.8	5.9	9.9	+1.5	16.5	12	0.5	26	307	21	+76	75	21	131
Hokitika AWS	38	13.6	5.8	9.7	+1.4	16.2	12	0.3	26	298	24	+55	72	21	152
Hokitika EWS	39	13.8	5.7	9.8	..	16.7	12	0.3	26	276	20	..	68	21	..
Reefton EWS	198	14.1	3.7	8.9	+1.8	16.1	6	-2.7	18	130	19	-43	27	21	132
Greymouth Aero EWS	5	14.3	6.4	10.4	..	16.5	23	1.8	12	194	24	..	36	21	148
Pigeon Creek CWS	105	13.0	4.8	8.9	..	16.0	12	-1.9	17	312	25	..	71	20	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Mt Philistine EWS	1655	3.2	-1.5	0.9	..	9.6	11	-7.0	26	204	24	..	29	19	..
Mahanga EWS	1995	1.4	-4.2	-1.4	..	8.0	11	-10.0	26	108	22	..	15	19	..
Ivory Glacier CWS	1390	5.4	-1.8	1.8	..	11.6	7	-6.0	17	570	24	..	80	1	..
Franz Josef EWS	80	13.3	4.2	8.8	+1.2	16.1	23	-0.5	16	311	20	..	39	18	159
Haast AWS	5	13.2	6.4	9.8	+1.6	15.3	23	2.3	12	..	..	..	..	..	..
Milford Sound AWS	3	12.0	4.3	8.2	+1.5	14.3	22	-0.5	15	467	25	..	79	31	..
Milford Sound EWS	3	12.7	4.6	8.7	..	14.7	22	0.1	26	451	20	..	73	31	..
Castle Mount EWS	2000	1.4	-3.8	-1.2	..	4.8	16	-9.2	26	633	23	..	317	31	..
Secretary Island AWS	19	13.1	7.9	10.5	+1.2	..	..	3.9	14	..	..	..	..	..	..
Puysegur Point AWS	44	11.9	7.3	9.6	+1.0	15.9	18	3.8	14	..	..	..	..	..	..
Stephens Island AWS	180	12.8	8.9	10.9	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	15.6	3.9	9.8	+1.5	21.6	30	..	..	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	15.0	7.1	11.1	+1.2	19.7	30	3.1	17	145	..	-6	42	19	..
Nelson Aero	2	14.1	5.7	9.9	+1.5	18.6	31	1.0	18	96	13	+14	20	6	177
Richmond EWS	1	14.4	4.6	9.5	..	18.7	31	-0.1	16	89	12	..	23	19	197
Nelson AWS	4	14.3	5.8	10.1	+1.4	18.3	30	1.3	16	98	14	..	20	6	..
Blenheim Research EWS	4	15.8	4.7	10.3	+1.4	23.8	31	-0.6	17	50	7	-10	16	19	223
Wairau Valley, Mill R	172	14.4	3.8	9.1	..	20.5	31	-2.4	17	64	10	..	15	23	..
Blenheim Aero AWS	35	15.8	3.2	9.5	+1.2	21.9	31	-2.7	17	61	8	+0	22	25	..
Brothers Island AWS	68	13.7	10.1	11.9	+1.3	16.9	30	6.6	26	37	9	..	11	19	..
Grassmere Salt Works	2	13.9	5.7	9.8	+0.3	23.6	31	0.0	1	35	10	-19	13	19	..
Cape Campbell AWS	2	12.7	8.7	10.7	+1.0	16.1	29	5.3	18	37	9	-6	15	19	..
Hanmer Forest EWS	363	15.9	-0.5	7.7	+1.8	22.8	31	-6.3	17	38	8	-69	20	25	..
Kaikoura, Middle Cree	5	13.7	2.9	8.3	..	18.8	30	-1.2	9	38	15	..	12	13	..
Kaikoura AWS	105	13.6	7.2	10.4	+1.6	..	..	..	..	..	..	..	..	..	..
Arthurs Pass	745	9.3	1.1	5.2	+1.9	11.6	5	-3.8	18	230	..	-122	43	20	..
Arthurs Pass EWS	745	9.0	1.0	5.0	+1.9	11.5	5	-4.3	18	201	21	-89	39	20	..
Arthurs Pass AWS	743	8.9	1.6	5.3	..	11.3	5	-3.7	18	228	23	..	41	20	..
Culverden AWS	181	14.8	2.4	8.6	..	19.9	30	..	..	16	14	..	4	27	..
Medbury CWS	232	15.2	2.8	9.0	..	19.1	19	-4.8	17	18	8	..	8	31	..
Balmoral East CWS	172	14.9	1.3	8.1	..	19.3	30	-5.0	17	12	10	..	7	31	..
Waipara North Branch	560	13.2	4.1	8.7	..	16.7	30	-3.5	26	46	10	..	12	25	..
Waiaru School CWS	136	15.9	2.4	9.2	..	20.7	31	-3.7	17	20	11	..	6	27	..
Cheviot EWS	75	15.2	3.2	9.2	..	21.3	30	-3.5	17	6	8	..	2	13	183
Upper Rakaia EWS	1752	2.9	-2.4	0.3	..	7.6	11	-8.8	26	85	22	..	15	19	..
Mt Potts EWS	2128	1.3	-4.6	-1.7	..	5.5	17	-12.0	26	85	15	..	57	31	..
Mt Cook EWS	730	11.1	1.5	6.3	+2.3	..	..	..	..	..	..	..	..	..	..
Mueller Hut EWS	1818	3.8	-2.2	0.8	..	..	..	..	..	109	17	..	24	19	..
Mt Cook Aero AWS	659	11.3	0.2	5.8	..	16.7	11	-8.1	16	113	15	..	34	31	..
Methven, Three Spring	305	13.6	3.2	8.4	..	21.7	30	-3.5	17	48	9	..	19	25	..
Methven CWS	313	13.7	4.3	9.0	..	21.3	31	-1.4	17	54	12	..	14	25	..
Winchmore 2 EWS	164	14.0	2.3	8.2	..	20.8	30	-5.2	17	21	6	..	9	31	182
Chertsey CWS	108	14.1	4.5	9.3	..	20.9	30	-2.5	15	24	7	..	12	23	..
Mayfield at Ruapuna F	325	13.5	2.7	8.1	..	22.1	30	-4.3	17	61	12	..	22	25	..
Peel Forest	286	13.5	2.3	7.9	+1.6	..	..	-2.6	26	69	14	-6	22	25	..
Ashburton Aero AWS	89	14.3	3.7	9.0	..	22.8	30	-4.1	17	36	14	..	13	31	176
Wakanui 2 CWS	53	14.0	4.2	9.1	..	22.9	30	-3.3	17	23	8	..	11	31	..
Waipara West EWS	130	15.4	4.9	10.2	..	21.2	30	-1.1	13	24	9	..	7	25	181
West Eyreton, Larunde	88	14.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Ohoka CWS		14.0	2.7	8.4	..	22.1	30	-3.4	17	17	12	..	7	31	..
Rangiora EWS	23	14.5	3.3	8.9	+1.6	22.9	30	-3.1	15	11	9	..	5	31	162
Christchurch Aero	37	14.0	2.8	8.4	+1.2	22.2	30	-4.9	17	17	16	-45	5	31	178
Christchurch Aero Bac	37	14.0	2.8	8.4	..	22.2	30	-4.9	17	8	5	..	5	31	..
Christchurch, Kyle St	6	14.7	4.4	9.6	+1.9	23.6	30	-2.0	17	7	8	..	2	21	..
Bromley EWS	3	13.6	5.2	9.4	..	23.1	30	-1.7	15	6	6	..	3	23	185
Lincoln, Broadfield E	18	13.9	3.9	8.9	+1.3	22.3	30	-3.4	17	12	10	-49	5	31	159
Sugar Loaf AWS	496	12.1	5.6	8.9	..	20.3	30	1.5	26	..	..	..	..	..	..
Diamond Harbour EWS	122	12.8	6.1	9.5	..	20.9	30	1.5	16	13	7	..	9	23	185
Dorie CWS @ Leferinks	55	13.3	3.6	8.5	..	21.0	30	-4.0	17	18	7	..	8	31	..
Akaroa EWS	45	14.5	6.0	10.3	+1.7	22.4	30	1.6	15	20	6	-103	6	23	152
Le Bons Bay AWS	236	11.7	6.7	9.2	+1.5	20.4	30	..	..	..	..	..	..	..	..
Lake Tekapo, Air Safa	762	11.3	0.5	5.9	+2.4	18.1	30	-5.1	16	44	10	-14	23	31	..
Fairlie AWS	403	12.4	3.1	7.8	..	20.9	30	-2.6	17	28	15	..	7	7	..

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	
Pukaki Aerodrome AWS	473	12.9	-1.8	5.6	..	19.3	30	-8.2	15	29	13	..	22	31	..
Hakataramea Valley Cw	355	13.9	1.6	7.8	..	20.7	30	-4.5	17	11	6	..	6	31	..
Orari Estate	81	14.0	3.0	8.5	+1.8	24.0	30	-3.4	17	35	11	-21	11	31	..
Orari Estate CWS	81	13.7	3.3	8.5	..	23.8	30	-3.5	17	27	11	..	7	23	..
Timaru Aero AWS	26	13.5	2.7	8.1	+1.6	23.5	30	-4.3	15	36	8	-8	15	31	..
Timaru EWS	17	11.6	3.0	7.3	+0.2	25.1	30	..	..	26	9	-18	15	31	..
Otaio @ Springbank ro	14	13.2	4.2	8.7	..	24.7	30	-1.8	15	22	4	..	12	31	..
Oamaru Airport AWS	30	12.4	3.2	7.8	+1.2	22.6	30	-3.8	15	14	8	-23	7	31	..
Albert Burn	1280	5.8	-0.5	2.7	..	8.2	11	-7.0	26	208	17	..	40	31	..
Eglinton, Knobs Flat	365	11.3	1.4	6.4	..	14.4	30	-4.0	17	139	18	..	31	31	..
Tara Hills AWS	488	12.7	-0.3	6.2	+1.7	18.3	30	-6.9	16	36	7	+0	31	31	..
Wanaka CWS	331	12.4	1.8	7.1	..	18.5	30	-2.9	15	44	8	..	34	31	..
Wanaka Aero AWS	352	12.7	1.7	7.2	+1.7	18.1	30	-3.4	17	37	8	-15	27	31	..
Windsor AWS	81	14.1	1.9	8.0	+1.8	22.0	30	-4.4	17	18	9	-14	13	31	..
Ranfurly EWS	450	12.5	0.2	6.4	+2.1	18.8	30	-7.1	15	9	7	-13	4	31	..
Oamaru AWS	40	13.1	4.5	8.8	+1.3	23.2	30	-1.3	15	23	14	..	10	31	..
Palmerston	21	13.6	3.1	8.4	+1.9	21.4	30	-3.1	15	36	11	-16	23	23	124
Middlemarch EWS	213	13.9	0.8	7.4	+1.8	21.4	30	-7.6	15	10	5	..	8	31	140
Swampy Summit AWS	722	8.8	2.2	5.5	..	15.8	31	-3.2	14	..	..	..	..	..	..
Dunedin Aero AWS	1	13.1	2.4	7.8	+1.3	21.7	31	-5.6	15	25	14	-15	9	31	..
Dunedin, Musselburgh	4	12.8	5.7	9.3	+1.6	21.6	31	..	..	38	13	-18	9	31	..
Oamaru EWS	20	12.7	3.9	8.3	..	22.6	30	-2.7	15	14	7	..	7	31	154
Murchison Mtns EWS	1140	5.6	0.3	3.0	..	8.4	24	-6.2	14	205	22	..	43	31	..
Takahe Valley CWS	895	7.0	-1.0	3.0	..	10.4	24	-4.7	26	..	..	..	..	..	..
Te Anau At Park HQ Cw	204	10.3	3.4	6.9	..	14.8	31	-1.6	12	..	..	..	..	..	..
Manapouri, West Arm J	178	9.0	3.1	6.1	+1.5	12.9	31	-1.5	15	293	24	..	70	31	..
Manapouri Aero AWS	209	11.4	1.5	6.5	+1.4	16.2	31	-3.9	12	62	17	-37	16	31	..
Birchwood WXT AWS	147	11.8	3.7	7.8	..	16.6	19	-1.9	15	91	10	..	30	31	..
Queenstown	322	12.2	2.9	7.6	+1.5	18.1	30	-1.1	15	58	10	-24	35	31	122
Queenstown EWS	322	12.1	2.9	7.5	..	18.1	31	-1.2	15	57	10	..	35	31	..
Queenstown Aero AWS	354	12.1	1.3	6.7	+1.7	18.1	31	-4.9	15	49	7	-20	27	31	182
Five Rivers CWS	260	11.7	2.8	7.3	..	16.7	31	-4.5	15	67	14	..	17	31	..
Lumsden AWS	187	11.4	2.8	7.1	+1.4	17.0	31	-4.3	15	64	14	..	21	31	..
Waipounamu CWS	152	11.9	2.7	7.3	..	18.6	31	-3.7	15	50	14	..	17	31	..
Cromwell EWS	213	13.3	0.2	6.8	+1.2	20.3	30	-6.0	17	22	6	..	19	31	185
Lauder EWS	375	12.8	0.6	6.7	+1.8	19.0	30	-5.1	15	18	8	-2	8	31	..
Ophir 2	305	14.0	-1.8	6.1	..	22.3	30	-8.5	15	32	7	..	24	31	..
Alexandra	150	14.8	0.3	7.6	+1.6	22.0	31	-6.0	15	27	6	..	20	31	136
Alexandra CWS	140	14.3	1.4	7.9	..	21.3	31	-4.8	15	26	7	..	21	31	..
Clyde 2 EWS	170	13.9	-0.3	6.8	..	20.6	30	-7.2	15	25	5	..	19	31	..
Alexandra AWS	230	13.4	0.5	7.0	..	20.4	31	-5.5	15	23	8	..	16	31	..
Alexandra EWS	132	13.9	0.5	7.2	..	21.0	31	-5.5	15	25	6	..	20	31	187
Roxburgh WXT AWS	160	13.7	3.6	8.7	..	20.7	30	-3.3	15	28	12	..	12	31	..
Ettrick No.2	91	14.2	1.7	8.0	+1.9	21.0	30	-6.0	15	30	7	-2	15	31	..
Gore AWS	123	11.7	4.0	7.9	+1.7	17.2	30	-3.6	15	75	20	+15	24	31	..
Gore EWS	60	12.1	3.1	7.6	..	17.8	31	-3.8	15	62	17	..	22	31	146
Invercargill Aero	1	12.1	3.8	8.0	+1.3	18.0	31	-2.0	15	101	17	+25	24	31	126
Invercargill Aero AWS	1	12.0	3.5	7.8	+1.3	18.0	31	-2.7	15	90	19	..	17	31	..
Invercargill Aero 2 E		12.0	3.0	7.5	..	..	..	..	..	90	16	..	22	31	..
Tiwai Point EWS	5	11.5	4.9	8.2	+0.9	17.4	31	-0.5	15	..	..	..	..	..	..
Balclutha, Finegand	6	12.9	2.4	7.7	+0.9	..	..	..	..	43	..	+1	11	31	..
Balclutha, Telford Ew	11	12.4	3.6	8.0	..	18.8	31	-3.4	18	41	21	..	10	31	106
Nugget Point AWS	129	10.7	5.8	8.3	+1.2	18.5	31	2.5	14	55	23	+5	13	31	..
Tautuku	25	13.1	2.8	8.0	+0.9	19.0	31	-2.5	18	113	15	+16	32	31	..
Kiribati, Cassidy Chri	3	..	24.1	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	30.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.2	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.1	24.2	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.3	23.0	27.7	..	..	..	21.4	8	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.5	..	..	..	..	23.1	11	..	..	..	..	..	..
Vanuatu, Sola	13	..	24.6	..	..	..	..	..	..	329	23	..	143	15	..
Vanuatu, Peko	56	..	22.9	19.0	11	198	15	..	49	2	..
Vanuatu, Bauerfield	20	27.8	19.3	23.6	130	15	..	36	1	..

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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	
Vanuatu,Burtonfield	70	26.9	19.5	23.2	
Vanuatu,Aneityum	6	..	19.8	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	25.5	16.5	21.0	..	28.4	10	13.9	31	..	..	..	..	..
New Cal, Oulop	7	25.5	18.5	22.0	..	28.1	10	10.8	19	..	..	..	..	..
New Cal, Ouanaham	29	25.3	16.4	20.9	..	..	..	9.3	6	..	..	..	..	..
New Cal, La Roche	42	25.6	15.1	20.4	..	28.7	21	7.9	14	..	..	..	..	..
New Cal, La Tontouta	14	25.4	15.6	20.5	..	29.3	10	12.3	31	..	..	..	..	..
New Cal, Nouma	72	25.4	17.5	21.5	..	29.4	10	16.2	7	..	..	..	..	..
New Cal, Moue	97	23.5	17.0	20.3	..	25.7	10	13.1	13	..	..	..	..	..
Kiribati,Butaritari	2	32.3	25.9	29.1	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.9	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.1	26.3	28.7	..	..	..	..	..	..	..	..	..	..
Kiribati,Beru	2	..	26.5	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Arorae	7	31.8	25.4	28.6	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	..	26.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	..	25.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.4	25.9	28.7	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	29.8	21.1	25.5	..	32.0	23	..	..	..	..	..	..	..
Fiji, Nadi EWS	15	29.9	21.1	25.5	..	33.0	25	17.9	16	11	3	..	8	2	
Fiji,Nausori Aero	6	28.2	20.9	24.6	..	30.5	26	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.1	25.6	27.9	..	30.9	18	23.7	16	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.1	22.9	26.5	..	..	..	..	..	..	..	..	..	..
Samoa,Faleolo	4	31.3	23.2	27.3	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.0	24.1	27.1	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.8	25.4	27.6	..	..	..	23.2	7	248	20	..	70	16
Tonga, Queen Lavinia	60	29.5	23.9	26.7	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	28.8	24.1	26.5	..	..	..	20.5	1	..	..	..	..	..
Tonga, Lupepauu	67	27.4	21.4	24.4	..	29.2	21	..	..	..	..	..	..	..
Salote Pilelevu Airpo	2	26.7	21.5	24.1	..	..	..	17.5	10	..	..	..	..	..
Tonga,Fuaamotu Aero	38	25.8	19.1	22.5	..	27.8	23	..	..	..	..	..	..	..
CI Rarotonga Aero	7	25.6	19.1	22.4	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	28.6	23.0	25.8	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	29.0	23.1	26.1	..	31.2	5	21.5	12	112	23	..	18	27	
Society Is, Mopelia		28.5	23.9	26.2	..	29.7	9	20.4	10	..	..	..	..	..
Tahiti - Faaa	1	29.1	22.4	25.8	..	..	..	20.7	23	..	..	..	..	..
Tuamotu, Takaroa	2	28.9	24.7	26.8	..	..	..	22.6	23	..	..	..	..	..
Tuamotu, Hao	3	27.5	23.2	25.4	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	23.3	18.9	21.1	..	30.1	10	16.9	21	38	18	..	7	3	
Tubuai	2	23.7	18.5	21.1	..	26.0	9	14.8	24	..	..	..	..	..
Rapa	1	20.6	16.2	18.4	..	..	..	10.6	30	96	20	..	24	7
Raoul Island AWS	49	19.5	15.1	17.3	..	23.0	23	10.5	10	237	24	..	46	3	
Campbell Island AWS	19	7.1	3.0	5.1	-0.2	10.8	19	-1.6	13	164	31	+59	24	24	
Chatham Island Aero A	12	13.0	6.9	10.0	..	17.0	31	1.1	15	99	23	..	47	24	
Georg Von Neumayer	40	-27.9	-37.4	-32.7	..	-11.6	11	-48.5	7	..	..	..	..	..
Ant South Pole	2827	-58.9	-66.7	-62.8	..	-46.5	13	-74.0	3	..	..	..	..	..
Halley Bay	30	-30.7	-38.6	-34.7	..	-8.3	10	-51.4	6	..	..	..	..	..
Gen Belgrano 2	256	..	-28.1	..	..	..	..	-39.0	31	..	..	..	..	..
Bellingshausen	16	-5.9	-8.8	-7.4	..	1.4	4	-18.9	31	..	..	..	..	..
Base Jubany	4	-4.5	-10.8	-7.7	..	4.3	5	-20.8	31	..	..	..	..	..
V C Marambio	198	-17.3	-25.4	-21.4	..	0.1	5	-32.5	31	..	..	..	..	..
Eduardo Frei	10	-6.3	-9.3	-7.8	..	..	..	..	..	..	..	..	..	..
Arturo Prat		-6.0	-8.8	-7.4	..	..	..	..	..	..	..	..	..	..
Great Wall	10	-5.6	-9.7	-7.7	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-7.8	-10.6	-9.2	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	-3.2	-6.5	-4.9	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-6.5	-11.6	-9.1	..	2.7	4	-22.1	27	..	..	..	..	..
Argentine Is, Faraday	11	-3.0	-7.0	-5.0	..	..	..	..	..	..	..	..	..	..
Gen San Martin	4	-5.8	-13.7	-9.8	..	3.8	4	-21.3	31	..	..	..	..	..
Novolax Arevskaja	99	-16.5	-20.9	-18.7	..	-6.7	10	-34.8	7	..	..	..	..	..
Maitri		-14.9	-22.0	-18.5	..	..	..	..	..	..	..	..	..	..
Syowa	21	-14.4	-22.7	-18.6	..	-4.3	22	-35.7	18	
Mawson	16	-10.6	-18.2	-14.4	..	-4.9	24	-25.9	1	
Davis	13	-10.3	-18.0	-14.2	..	-3.2	20	-28.1	24	

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		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	
Progress	64	-11.5	-14.7	-13.1	..	-4.0	17	..	..	..	..	..	..	..
Mirnyj	30	-13.3	-16.7	-15.0	..	-5.7	21	-25.0	25	..	..	..	..	..
Vostok	3420	-62.8	-68.5	-65.7	..	-47.1	24	..	..	..	..	..	..	..
Casey	41	-12.7	-21.3	-17.0	..	-4.2	21	-31.8	25	..	..	..	..	..
Durmont Durville	43	-15.4	-22.0	-18.7	..	-7.7	29	-31.1	9	..	..	..	..	..
Mcmurdo	24	-18.6	-26.9	-22.8	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-20.5	-29.4	-25.0	..	-8.8	12	-41.0	1	..	..	..	..	..
Ant Scott Base EWS	20	-20.2	-29.7	-25.0	..	-7.1	12	-42.7	3	..	..	..	..	..
Darwin Airport	31	32.0	15.1	23.6	..	..	..	..	..	..	..	..	..	..
Hobart Airport	4	32.0	6.1	19.1	..	..	..	..	..	..	..	..	..	..

Late returns and corrections for July 2020

Auckland, Henderson N	7	15.8	6.4	11.1	+0.8	18.7	13	0.0	10	136	22	-54	20	15	..
Waiheke Island, Awaro	34	15.8	9.3	12.6	..	18.5	30	2.5	10	81	13	-73	22	15	..
Auckland Aero	7	15.3	8.1	11.7	+0.8	18.0	20	1.8	10	92	21	-41	17	21	..
Wellington Aero	4	13.0	6.9	10.0	+0.4	17.3	20	1.7	14	34	11	-79	9	20	..
Hokitika Aero	39	12.6	3.6	8.1	+0.7	17.2	19	-2.1	9	215	17	-3	55	12	116
Nelorus Sd, Crail Bay	13	12.8	5.9	9.4	+0.3	15.7	23	1.9	9	80	19	-92	27	20	..
Nelson Aero	2	13.4	3.7	8.6	+1.4	16.0	18	-0.8	3	65	11	-13	31	5	148
Boyle River Lodge	600	8.9	0.2	4.6	+1.1	..	..	..	..	77	23	-76	25	12	..
Cheviot EWS	75	12.3	1.5	6.9	..	18.3	21	-3.5	28	49	12	..	12	12	136
Ashburton Council	101	11.8	..	..	..	..	..	..	..	27	15	-37	6	31	..
Christchurch Aero	37	11.5	1.2	6.4	+0.6	17.4	21	-4.3	25	67	21	+2	17	1	..
Lincoln, Broadfield E	18	11.5	2.4	7.0	+0.9	..	..	-2.5	14	..	..	..	..	..	..
Timaru EWS	17	9.1	-0.2	4.5	-1.2	14.4	12	-3.9	3	9	10	-35	4	6	..
Otaio @ Springbank ro	14	11.3	1.8	6.6	..	16.7	21	-1.4	24	11	6	..	7	6	..
Windsor EWS	81	11.8	-0.7	5.6	+0.7	16.8	26	-6.4	24	8	8	-36	6	6	..
Ranfurly EWS	450	8.2	-1.9	3.2	+1.0	13.3	25	-7.8	18	19	11	-11	13	6	..
Middlemarch EWS	213	10.3	-2.4	4.0	+0.5	18.1	30	-8.9	18	19	9	..	13	6	127
Cromwell EWS	213	7.7	-1.8	3.0	-0.2	14.0	30	-6.4	18	27	6	..	11	6	100
Lauder EWS	375	7.4	-2.0	2.7	+0.7	14.3	30	-7.6	19	19	9	-4	10	6	..
Ophir 2	305	8.5	-3.3	2.6	..	15.2	26	-7.5	3	20	9	..	10	6	..
Ettrick No.2	91	10.4	0.1	5.3	+1.1	16.5	30	-5.0	18	21	8	-8	13	6	..
Invercargill Aero	1	9.3	2.1	5.7	+0.4	..	..	..	..	..	..	..	..	..	..
Balclutha, Finegand	6	..	-0.2	..	..	..	..	..	..	75	13	+26	27	6	..
Balclutha, Telford Ew	11	9.9	1.2	5.6	..	14.5	21	-4.9	18	78	19	..	27	6	95

Late returns and corrections for June 2020

Timaru EWS	17	9.6	0.1	4.9	-1.6	16.2	16	-4.9	15	28	16	-9	7	17	..
Otaio @ Springbank ro	14	11.9	2.2	7.1	..	19.3	16	-3.2	15	26	10	..	9	28	..
Lauder EWS	375	8.4	-2.4	3.0	+0.0	17.8	17	-8.2	1	66	12	+35	27	28	..
Ettrick No.2	91	11.1	-0.2	5.5	+0.5	18.2	15	-5.5	2	37	8	-10	10	28	..
Stewart Is	3	11.6	3.3	7.5	+0.8	..	..	-1.5	14	108	19	-32	22	11	..
Balclutha, Finegand	6	..	0.1	..	..	..	..	..	..	31	13	-27	6	30	60

Late returns and corrections for May 2020

Otaio @ Springbank ro	14	14.1	4.5	9.3	..	22.2	3	0.1	31	5	12	..	2	14	..
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Late returns and corrections for April 2020

Otaio @ Springbank ro	14	16.0	6.9	11.5	..	24.2	12	2.5	30	36	7	..	21	17	..
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Late returns and corrections for March 2020

Otaio @ Springbank ro	14	17.0	9.2	13.1	..	22.5	3	3.7	18	39	13	..	11	29	..
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Late returns and corrections for February 2020

Otaio @ Springbank ro	14	20.3	11.5	15.9	..	30.4	28	5.0	9	53	9	..	20	4	..
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Late returns and corrections for January 2020

Timaru EWS	17	18.2	10.2	14.2	-1.8	27.4	30	5.2	4	7	4	-40	5	1	..
Otaio @ Springbank ro	14	19.7	11.6	15.7	..	28.0	30	6.7	4	34	8	..	20	29	..

Late returns and corrections for December 2019

Timaru EWS	17	18.3	8.9	13.6	-1.1	25.0	3	4.9	21	62	11	+4	27	6	..
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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		
Otaio @ Springbank ro	14	19.4	9.9	14.7	..	27.2	3	5.4	9	59	11	..	24	6	..
Late returns and corrections for November 2019															
Timaru EWS	17	18.1	7.5	12.8	+0.0	27.9	2	1.5	21	49	11	+2	14	13	..
Otaio @ Springbank ro	14	19.4	9.2	14.3	..	28.1	22	4.2	21	55	10	..	15	5	..
Late returns and corrections for October 2019															
Otaio @ Springbank ro	14	14.9	5.7	10.3	..	23.8	27	0.7	6	58	16	..	23	18	..
Late returns and corrections for September 2019															
Otaio @ Springbank ro	14	13.3	3.7	8.5	..	21.6	28	-1.8	10	32	10	..	9	13	..
Late returns and corrections for January 2019															
Timaru EWS	17	21.7	12.5	17.1	+1.1	31.7	2	5.6	24	43	12	-4	15	13	..

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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