

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	20.1	14.9	17.5	+0.3	23.0	20	13.4	14	..	..	..	..	..
Kaitaia Aero EWS	80	21.6	12.4	17.0	+0.1	25.8	2	6.9	14	32	11	-87	8	21	
Kaitaia EWS	85	20.7	12.0	16.4	-0.5	22.5	1	7.0	14	24	12	-101	5	29	
Kerikeri EWS	79	21.5	10.7	16.1	-0.3	23.5	27	5.5	14	89	13	-58	36	3	
Kerikeri Aerodrome Aw	150	20.9	11.3	16.1	+0.0	23.4	9	7.9	14	120	19	-25	53	1	
Kaikohe AWS	204	19.4	11.7	15.6	-0.2	21.5	1	7.8	14	76	22	-64	18	2	
Trounson CWS	244	19.4	10.4	14.9	..	24.5	1	6.0	14	87	21	-44	15	22	
Dargaville 2 EWS	66	20.1	12.0	16.1	+0.1	24.7	1	8.2	17	72	17	+1	18	22	
Purerua AWS	82	20.7	12.7	16.7	..	22.7	2	8.7	14	69	15	..	23	3	
Russell CWS	15	21.3	10.6	16.0	..	23.3	9	5.2	14	96	20	..	27	6	
Whangarei Aero AWS	37	20.8	12.0	16.4	-0.2	23.5	27	7.3	14	64	14	-39	22	1	
Whangarei EWS	12	21.1	9.7	15.4	..	24.1	10	3.9	14	54	9	..	16	1	
Mokohinau AWS	60	19.6	16.2	17.9	+0.2	22.2	1	13.5	7	..	..	..	..	..
Leigh 2 EWS	27	21.0	13.9	17.5	+0.1	23.5	9	8.9	14	87	17	+5	35	1	
Warkworth EWS	72	20.1	9.0	14.6	-0.8	22.8	1	3.4	14	97	13	-10	39	1	
Whangaparaoa AWS	89	20.3	13.8	17.1	+0.1	22.4	5	10.0	14	..	..	..	..	..
Tiri Tiri Lighthouse	76	19.7	13.7	16.7	-0.1	22.2	12	11.4	14	90	13	+20	44	1	
Auckland, Whenuapai A	26	20.3	9.8	15.1	-0.4	22.4	1	4.6	16	..	..	..	..	..
Auckland, North Shore	64	20.5	10.5	15.5	..	23.1	27	5.4	14	80	11	..	29	1	
Auckland, Henderson N	7	21.2	9.5	15.4	-0.6	24.2	10	4.9	14	73	14	-27	19	5	
Auckland, Motat EWS	16	20.6	10.7	15.7	..	23.0	10	5.4	14	100	12	..	21	1	
Whitianga Aero AWS	5	20.1	9.8	15.0	-0.3	22.4	2	3.7	14	76	16	-76	28	1	
Whitianga EWS	1	21.1	9.2	15.2	..	24.1	9	3.5	14	68	11	..	27	1	
Thames 2	3	20.8	10.6	15.7	-0.2	23.3	2	4.7	14	172	10	+68	67	1	
Paeroa AWS	18	20.7	8.7	14.7	-0.5	23.2	27	3.6	14	95	10	-11	39	1	
Toenepi EWS	48	20.3	7.8	14.1	-0.9	..	..	2.8	14	..	..	..	..	..
Matamata, Hinuera EWS	85	20.4	7.4	13.9	-0.2	22.5	9	0.8	14	69	9	..	23	11	
Tauranga CWS	3	20.7	11.7	16.2	..	23.6	10	7.4	14	86	10	..	23	1	
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	206
Tauranga Aero AWS	4	20.5	10.9	15.7	+0.1	23.0	25	5.9	14	92	9	-29	30	1	
Te Puke EWS	91	20.0	8.9	14.5	-0.1	23.1	10	..	..	105	8	-39	30	21
Whakatane Aero AWS	7	20.6	8.5	14.6	+0.1	24.6	2	2.6	14	..	..	..	..	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	230
Whakatane EWS	1	21.0	9.1	15.1	..	25.3	2	4.1	15	100	9	..	63	22	
White Island AWS	310	16.6	11.8	14.2	..	..	..	..	..	103	10	..	49	22
Mamaku Radar WXT AWS	17	15.0	9.0	12.0	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	21.3	8.8	15.1	..	24.4	25	1.9	14	..	..	..	..	195
Rotorua EWS	288	18.7	7.5	13.1	..	..	..	2.2	14	77	9	..	28	1
Rotorua Aero AWS	283	18.3	7.6	13.0	-0.3	20.5	25	2.3	18	70	10	-42	22	1	
Galatea AWS	174	18.7	6.3	12.5	..	21.9	2	-1.1	14	92	14	..	26	22	
Taupo CWS	360	18.6	6.4	12.5	..	22.7	25	0.9	14	..	..	..	..	..
Tarapounamu EWS	701	14.2	7.6	10.9	..	18.6	26	2.2	14	..	..	..	..	..
Taupo AWS	400	17.1	5.8	11.5	-0.5	19.5	25	-0.4	16	60	11	-8	17	22	
Motu EWS	488	16.9	6.6	11.8	+0.7	22.6	27	-3.5	14	174	14	+29	65	22	
Auckland, Mangere 2 E	16	20.1	11.4	15.8	..	22.4	27	5.4	14	65	10	..	14	5	
Auckland Aero	7	20.0	11.8	15.9	-0.4	22.5	27	7.3	14	67	14	-18	13	11	
Auckland Aero Backup	7	20.0	12.0	16.0	..	..	..	..	..	..	..	..	..	..
Ardmore Aero AWS	41	21.0	9.3	15.2	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	20.1	10.5	15.3	-0.2	22.4	4	5.7	14	78	10	-8	26	1	
Firth Of Thames EWS	3	20.5	7.5	14.0	..	22.8	9	2.0	20	..	..	..	..	..
Whatawhata 2 EWS	118	20.2	6.6	13.4	-1.3	22.8	4	2.4	18	83	10	-26	22	11	
Hamilton, Ruakura 2 E	45	20.4	8.3	14.4	-0.1	22.4	21	3.2	20	74	8	-9	24	21	
Hamilton AWS	53	20.3	7.3	13.8	-0.4	22.5	9	2.2	21	83	10	-5	26	11	
Lake Karapiro CWS	55	20.6	10.4	15.5	..	23.9	4	5.9	14	46	10	..	14	21	
Port Taharoa AWS	27	18.9	12.2	15.6	-0.6	21.3	1	8.6	14	174	9	..	79	21	
Waikeria EWS	37	20.2	6.6	13.4	..	..	..	..	..	..	..	..	..	..
Te Kuiti EWS	61	21.1	6.8	14.0	-0.1	23.4	3	1.6	16	102	8	-2	43	21	
Pureora Forest CWS	549	16.3	5.3	10.8	..	18.8	25	-0.3	16	172	11	..	44	1	
Taumarunui EWS	170	18.8	5.8	12.3	..	21.5	4	-0.1	16	141	13	..	40	21	
Taumarunui AWS	195	18.9	5.3	12.1	..	21.2	3	-1.4	17	125	19	..	28	11	
Turangi 2 EWS	360	17.6	4.9	11.3	-0.7	21.6	25	-1.9	17	104	10	-10	22	21	
New Plymouth AWS	30	18.8	10.5	14.7	+0.2	20.8	1	5.2	20	213	11	+97	105	21	
Lower Retaruke CWS	233	18.0	6.4	12.2	..	20.9	9	-0.1	17	147	17	+41	48	21	

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Mt Ruapehu, Chateau E	1097	13.1	2.8	8.0	-0.3	16.2	25	-2.5	14	237	11	+57	52	1	..
Pahiatua EWS	110	18.8	6.9	12.9	..	27.1	1	-1.0	14	81	14	..	21	11	..
Masterton Aero AWS	138	17.7	7.4	12.6	..	24.0	1	-0.5	20	97	22	..	31	7	..
Masterton EWS	90	17.9	7.0	12.5	..	24.1	26	0.3	14	97	18	..	35	7	126
Masterton, Te Ore Ore	110	18.2	7.6	12.9	..	24.4	10	0.4	14	123	18	+57	39	7	..
Takapau Plains AWS	330	16.4	7.3	11.9	-0.3	21.5	1	0.4	19	..	..	..	..	..	..
Dannevirke EWS	207	16.7	7.6	12.2	..	21.5	1	-0.3	19	62	13	..	17	11	109
Cape Turnagain AWS	292	14.6	11.1	12.9	..	20.6	1	7.0	13	..	..	..	..	..	..
Akitio EWS	245	15.8	10.0	12.9	..	23.7	1	6.2	7	131	19	..	49	7	129
Castlepoint AWS	120	16.7	11.7	14.2	-0.4	23.7	1	7.9	7	..	..	..	..	..	..
Baring Head	79	15.3	11.0	13.2	..	19.7	26	5.8	19	99	16	..	33	11	..
Te Wharau, Brackenfie	292	16.6	7.7	12.2	..	22.8	26	3.0	7	178	..	..	52	7	..
Martinborough EWS	20	18.1	8.0	13.1	+0.1	23.4	26	0.4	19	82	18	..	26	7	111
Ngawi AWS	6	17.7	12.0	14.9	-0.1	24.3	26	6.7	19	111	19	..	40	11	..
Hicks Bay AWS	46	19.9	12.9	16.4	+0.4	22.0	1	6.7	14	159	14	+49	60	22	..
Gisborne AWS	5	19.3	10.6	15.0	+0.1	25.5	1	5.8	20	94	17	-3	22	8	127
Gisborne EWS	12	20.1	10.5	15.3	..	25.6	1	5.8	20	76	14	..	23	22	..
Tolaga Bay WXT AWS	12	18.5	11.7	15.1	..	22.7	1	6.5	20	122	25	..	27	22	..
Tutira CWS	235	17.1	9.4	13.3	..	23.7	10	2.8	14	78	16	..	19	22	..
Napier Aero AWS	3	19.3	10.1	14.7	+0.3	25.8	10	3.9	20	48	15	-31	14	22	..
Napier EWS	7	19.0	10.0	14.5	..	24.1	1	3.7	14	48	12	..	12	1	151
Hastings AWS	16	19.2	9.5	14.4	..	25.5	1	4.6	14	43	21	..	9	22	..
Whakatu EWS	5	18.6	8.5	13.6	+0.0	23.9	1	1.3	14	49	15	..	9	22	..
Ashcott Road CWS	212	17.4	7.8	12.6	..	23.6	1	0.8	19	55	14	..	7	2	..
Waipawa EWS	130	18.3	7.5	12.9	..	25.3	10	2.1	19	72	14	..	20	8	137
Wairoa, North Clyde E	15	18.9	10.0	14.5	-0.2	25.6	10	5.4	14	..	..	..	..	..	..
Wairoa Aero AWS	13	18.2	9.9	14.1	..	24.3	1	4.2	14	..	..	..	..	..	..
Mahia Radar WXT AWS	419	14.5	11.1	12.8	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	17.1	12.4	14.8	-0.1	22.0	1	8.7	13	..	..	..	..	..	..
Cape Kidnappers WXT A	118	16.7	13.0	14.9	..	21.6	1	9.3	13	..	..	..	..	..	..
Paraparaumu Aero	5	17.3	9.3	13.3	-0.2	21.0	23	0.7	14	105	12	+40	26	1	161
Paraparaumu Aero AWS	5	17.2	9.4	13.3	-0.1	21.0	23	1.0	14	92	13	+32	22	1	173
Paraparaumu EWS	5	17.2	9.0	13.1	..	20.9	23	0.7	14	101	13	+42	27	1	175
Ohakea AWS	50	18.6	9.4	14.0	..	25.2	1	3.4	18	..	..	..	..	..	..
Palmerston North AWS	40	19.0	8.6	13.8	+0.2	25.2	1	1.0	19	67	12	+7	21	11	..
Palmerston North EWS	21	18.7	8.7	13.7	-0.2	25.0	1	2.9	13	80	12	+11	22	29	133
Levin AWS	14	18.3	8.5	13.4	-0.3	21.0	26	2.1	14	81	11	+1	20	28	..
Levin EWS	23	18.1	8.1	13.1	..	20.7	1	1.7	14	87	9	..	22	28	189
Mana Island AWS	100	14.9	11.4	13.2	..	18.3	1	6.5	14	108	17	..	30	11	..
Porirua, Elsdon Park	3	16.7	9.6	13.2	..	21.2	26	1.7	19	139	19	..	29	11	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	138
Wellington, Kelburn A	125	15.5	11.0	13.3	-0.4	20.5	26	6.0	14	221	19	+136	59	6	..
Wellington Aero	4	16.3	11.6	14.0	-0.4	20.6	26	5.6	14	152	17	+84	42	11	..
Wellington, Greta Poi	3	16.5	11.4	14.0	..	22.1	26	6.4	14	175	16	..	52	6	..
Wellington Aero Backu	4	16.3	11.8	14.1	..	..	..	..	..	..	..	..	..	..	..
Upper Hutt, Trentham	50	17.2	7.9	12.6	..	22.6	26	-1.5	19	118	18	..	18	1	132
Stratford EWS	280	..	..	..	..	..	..	..	..	271	10	+125	98	11	179
Hawera AWS	98	16.4	9.6	13.0	-0.3	21.3	27	2.7	18	198	16	+115	56	1	..
Ohakune EWS	607	16.3	4.6	10.5	-0.3	20.8	1	-1.4	18	135	17	+27	41	11	..
Waiouru Treatment Pla	806	14.4	4.5	9.5	-0.1	19.4	1	-1.0	18	121	16	+46	34	11	..
Waiouru Airstrip AWS	818	13.6	3.6	8.6	..	19.0	1	-1.6	19	109	23	..	28	11	..
Waiouru EWS	803	14.3	4.3	9.3	..	19.4	1	-1.1	18	128	19	..	34	11	..
Taihape Rec	433	18.2	5.3	11.8	+0.3	24.0	1	-2.0	18	67	17	-6	20	11	..
Flat Hills WXT AWS	263	17.0	8.5	12.8	..	..	..	3.3	18	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	18.5	9.7	14.1	-0.5	..	..	..	..	..	..	..	..	..	..
Wanganui AWS	8	17.8	10.4	14.1	-0.3	23.3	1	4.8	18	..	..	..	..	..	..
Wanganui 2 AWS	18	19.2	9.6	14.4	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	18.5	7.6	13.1	+0.0	24.6	1	3.1	19	103	11	-53	36	21	199
Farewell Spit AWS	3	19.2	12.3	15.8	+1.2	22.4	10	9.4	14	98	14	+5	35	11	..
Westport Aero AWS	2	18.4	9.7	14.1	+0.9	21.1	10	6.9	30	149	12	+7	46	10	..
Westport EWS	6	18.6	10.0	14.3	..	21.4	10	6.3	30	195	15	..	70	10	223
Arapito EWS	18	19.0	8.0	13.5	..	21.3	10	133	14	..	27	20	193
Hokitika Aero	39	17.5	7.8	12.7	+0.3	20.0	10	3.2	30	255	11	+24	85	28	198

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Hokitika AWS	38	17.3	7.8	12.6	+0.2	19.8	10	2.9	7	265	18	+63	85	28	217
Hokitika EWS	39	17.6	7.7	12.7	..	19.9	10	2.7	7	221	11	..	78	28	..
Reefton EWS	198	18.5	6.4	12.5	+0.7	21.6	8	0.6	30	141	10	-2	45	10	181
Greymouth Aero EWS	5	17.1	9.1	13.1	..	19.4	10	5.5	7	149	10	..	41	20	210
Pigeon Creek CWS	105	17.5	7.5	12.5	..	20.2	23	3.3	30	315	12	..	91	28	..
Mt Philistine EWS	1655	7.2	1.6	4.4	..	12.6	17	-3.9	6	449	17	..	83	27	..
Mahanga EWS	1995	6.5	0.3	3.4	..	10.8	18	-7.4	30	182	13	..	33	27	..
Ivory Glacier CWS	1390	9.9	3.8	6.9	..	15.2	17	0.1	6	625	14	..	197	10	..
Franz Josef EWS	80	17.2	7.3	12.3	+0.6	..	..	..	..	..	..	..	..	..	..
Haast AWS	5	17.0	8.7	12.9	+0.9	19.5	12	..	..	..	..	..	..	..	..
Milford Sound	3	16.4	6.1	11.3	+0.3	..	..	..	..	582	11	+49	113	26	..
Milford Sound AWS	3	16.5	6.4	11.5	+0.4	19.6	14	2.6	6	582	18	..	115	26	..
Castle Mount EWS	2000	5.7	-1.6	2.1	..	11.8	17	-8.4	30	..	..	..	..	..	..
Secretary Island AWS	19	16.5	9.8	13.2	+0.6	..	..	..	..	..	..	..	..	..	..
Puyssegur Point AWS	44	14.9	9.5	12.2	+0.4	20.8	9	5.2	6	197	23	-18	46	28	..
Stephens Island	187	16.2	11.9	14.1	+0.4	20.0	26	8.2	7	112	15	..	28	11	..
Stephens Island AWS	180	16.1	11.9	14.0	..	..	..	8.0	7	107	15	..	31	11	..
Motueka, Riwaka EWS	8	19.1	7.8	13.5	+0.8	25.3	26	2.6	13	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	17.9	10.7	14.3	-0.2	22.1	26	7.0	14	188	16	+60	37	11	..
Nelson Aero	2	18.2	9.2	13.7	+0.5	23.4	1	3.1	30	35	9	-46	18	21	216
Appleby 2 EWS	18	18.4	5.6	12.0	-1.1	23.5	1	-0.1	14	58	8	..	40	21	220
Richmond EWS	1	18.9	8.2	13.6	..	24.3	1	2.3	13	30	9	..	17	21	222
Nelson AWS	4	18.2	9.5	13.9	+0.3	23.6	1	3.8	13	41	9	..	25	21	..
Blenheim Research EWS	4	18.4	8.1	13.3	+0.0	24.2	1	2.1	13	80	14	+35	22	22	211
Blenheim Aero AWS	35	18.5	6.5	12.5	-0.4	23.3	1	-1.2	30	93	14	+40	24	11	..
Brothers Island AWS	68	15.3	12.4	13.9	-0.6	18.2	26	8.8	7	131	18	..	34	6	..
Cape Campbell AWS	2	15.5	11.8	13.7	-0.2	19.3	1	9.0	7	157	12	+127	54	22	..
Boyle River Lodge	600	14.9	2.8	8.9	-1.2	..	..	..	..	133	18	-8	34	28	..
Hanmer Forest EWS	363	17.8	2.5	10.2	-0.4	26.8	1	-4.0	18	100	13	+34	18	21	..
Kaikoura, Middle Cree	5	15.9	7.4	11.7	..	25.0	1	1.9	20	..	..	..	..	..	..
Kaikoura AWS	105	15.5	9.6	12.6	-0.4	25.3	10	5.6	7	121	14	+66	35	6	..
Arthurs Pass	745	12.8	3.9	8.4	+0.2	..	..	-0.8	30	391	13	+49	95	28	..
Arthurs Pass EWS	745	12.5	3.6	8.1	-0.2	17.3	8	-1.1	30	353	16	-8	81	28	..
Arthurs Pass AWS	743	12.0	3.7	7.9	..	16.9	8	-1.1	30	397	18	..	90	28	..
Culverden AWS	181	16.5	6.0	11.3	..	23.7	10	-0.1	14	89	16	..	18	6	..
Medbury CWS	232	16.6	5.5	11.1	..	24.7	10	-0.7	4	59	20	..	8	2	..
Balmoral East CWS	172	16.1	5.1	10.6	..	23.1	27	-0.2	14	61	14	..	10	29	..
Waipara North Branch	560	14.7	4.9	9.8	..	20.9	9	-2.0	30	101	16	..	20	28	..
Waiiau School CWS	136	17.7	5.4	11.6	..	25.7	10	0.0	4	80	15	..	18	6	..
Cheviot EWS	75	16.7	5.8	11.3	..	26.0	10	-0.5	4	86	12	..	24	6	156
Upper Rakaia EWS	1752	7.6	1.0	4.3	..	..	..	-6.0	6	214	24	..	33	26	..
Mt Potts EWS	2128	5.7	-1.4	2.2	..	..	..	..	..	..	..	..	..	..	..
Mt Cook EWS	730	13.8	3.6	8.7	-0.7	21.6	19	-2.1	30	476	15	+132	117	10	144
Mueller Hut EWS	1818	7.1	0.3	3.7	..	14.7	17	-8.5	6	508	20	..	173	10	..
Mt Cook Aero AWS	659	13.9	2.5	8.2	..	20.2	9	-3.4	30	309	18	..	54	28	..
Methven, Three Spring	305	15.2	5.4	10.3	..	22.8	10	-0.1	30	101	13	..	28	21	..
Methven CWS	313	15.5	5.9	10.7	..	23.2	10	1.4	7	106	11	..	28	21	..
Winchmore 2 EWS	164	15.8	5.1	10.5	..	..	..	0.3	30	..	..	..	..	..	..
Chertsey CWS	108	15.9	6.8	11.4	..	23.9	10	0.3	17	76	13	..	21	29	..
Mayfield at Ruapuna F	325	15.0	4.3	9.7	..	22.4	10	-0.2	7	105	15	..	28	21	..
Peel Forest	286	15.4	4.6	10.0	-0.7	24.2	10	-0.8	30	106	12	+27	31	21	..
Lismore, Racemans Hou	168	15.6	5.3	10.5	..	24.2	10	0.8	30	82	12	..	25	29	..
Ashburton Aero AWS	89	16.0	5.7	10.9	..	25.3	1	0.6	30	..	..	..	..	..	163
Wakanui 2 CWS	53	15.8	6.6	11.2	..	24.6	1	1.7	30	120	16	..	34	29	..
Waipara West EWS	130	16.4	6.1	11.3	..	24.8	10	2.1	30	53	16	..	16	29	161
West Eyreton, Larunde	88	15.8	5.9	10.9	..	24.8	10	0.7	4	..	..	..	..	..	..
Ohoka CWS	16.2	5.9	11.1	..	26.5	10	0.5	4	55	24	..	..	18	29	..
Rangiora EWS	23	16.4	6.3	11.4	-0.5	26.2	10	1.9	9	43	16	..	16	29	137
Christchurch Aero	37	16.7	6.6	11.7	-0.2	27.6	10	0.4	17	59	21	+15	19	29	148
Christchurch Aero Bac	37	16.6	6.7	11.7	..	..	..	..	..	..	..	..	..	..	..
Christchurch Gardens	7	17.4	8.1	12.8	+0.1	27.8	10	2.3	17	56	16	+10	24	29	..
Christchurch, Kyle St	6	17.2	8.2	12.7	+0.3	28.1	10	1.9	17	49	15	..	20	29	..
Lincoln, Broadfield E	18	16.1	7.6	11.9	-0.3	..	..	..	..	63	16	+19	18	29	..

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	mm	Hrs		
Sugar Loaf AWS	496	14.1	7.3	10.7	..	23.0	10	2.9	6	..	..	..	..	..
Diamond Harbour EWS	122	15.9	8.8	12.4	..	26.1	10	4.9	17	72	17	..	42	29	167
Dorie CWS @ Leferinks	55	15.7	6.6	11.2	..	24.4	10	1.0	17	..	..	..	..	..
Akaroa EWS	45	16.8	8.3	12.6	-0.3	28.1	1	4.0	14	110	12	+43	41	29	138
Le Bons Bay AWS	236	14.8	9.2	12.0	-0.2	..	..	..	..	..	..	..	..	..	..
Lake Tekapo EWS	762	15.3	2.6	9.0	-0.4	21.3	20	-2.8	6	64	10	..	14	21	218
Fairlie AWS	403	15.2	4.6	9.9	..	23.5	10	-0.5	7	82	16	..	21	21	..
Pukaki Aerodrome AWS	473	16.6	1.6	9.1	..	23.6	3	-4.4	7	67	19	..	15	10	..
Hakataramea Valley Cw	355	..	3.3	..	..	..	..	..	..	..	..	..	..	..	..
Orari Estate	81	16.3	4.9	10.6	-0.6	25.6	1	0.3	30	75	10	+29	23	29	..
Orari Estate CWS	81	16.1	5.5	10.8	..	24.8	1	0.6	30	78	12	..	23	29	..
Timaru Aero AWS	26	16.4	4.7	10.6	-0.4	26.2	1	-0.3	30	39	7	+1	19	29	..
Timaru EWS	17	15.5	6.6	11.1	-0.5	26.0	1	0.4	30	52	11	+10	22	29	..
Waimate CWS	39	15.7	5.8	10.8	..	25.1	1	-0.4	7	34	8	..	12	29	..
Oamaru Airport AWS	30	15.2	5.8	10.5	-0.4	23.3	1	1.4	7	32	12	-5	16	29	..
Albert Burn	1280	9.6	2.0	5.8	..	15.7	18	-4.3	6	305	14	..	79	26	..
Mt Larkins EWS	1900	5.3	-0.8	2.3	..	11.8	17	-6.9	30	154	15	..	43	10	..
Eglinton, Knobs Flat	365	14.3	3.2	8.8	..	18.9	23	-2.7	6	240	15	..	49	10	..
Tara Hills AWS	488	16.0	0.9	8.5	-1.2	21.8	9	-4.8	6	..	..	..	..	..	..
Wanaka CWS	331	15.5	4.5	10.0	..	19.6	9	-0.8	7	89	10	..	35	10	..
Wanaka Aero AWS	352	15.8	4.6	10.2	-0.4	20.5	9	-1.4	30	82	11	+35	37	10	..
Windsor EWS	81	16.7	4.2	10.5	-0.3	23.9	10	-0.5	7	18	7	-16	6	28	..
Ranfurly EWS	450	15.5	2.1	8.8	-0.4	23.2	9	-6.0	7	30	7	-7	14	10	..
Oamaru AWS	40	15.7	6.2	11.0	-0.7	24.1	1	1.4	7	27	17	..	10	29	..
Palmerston	21	16.2	4.2	10.2	-0.4	23.8	1	-2.4	7	25	10	-20	9	29	151
Swampy Summit AWS	722	11.3	4.2	7.8	..	18.7	9	-0.7	6	..	..	..	..	..	..
Dunedin Aero AWS	1	16.4	3.9	10.2	-0.3	24.7	9	-2.0	6	64	14	+16	18	10	..
Dunedin, Musselburgh	4	15.5	8.5	12.0	+0.3	22.5	1	4.0	6	68	12	+17	14	27	155
Oamaru EWS	20	15.4	6.4	10.9	..	23.3	1	2.1	13	32	10	..	14	29	189
Murchison Mtns EWS	1140	9.2	2.9	6.1	..	15.2	23	-1.3	6	293	14	..	49	26	..
Takahe Valley CWS	895	10.2	1.4	5.8	..	14.9	8	-2.3	6	250	14	..	52	28	..
Te Anau At Park HQ Cw	204	15.4	6.3	10.9	..	..	..	..	..	..	..	..	..	..	..
Manapouri, West Arm J	178	12.6	5.1	8.9	-0.5	16.7	9	-0.1	7	273	15	..	55	26	..
Manapouri Aero AWS	209	14.8	3.3	9.1	-0.4	19.7	9	-3.6	6	112	12	+21	26	28	..
Birchwood WXT AWS	147	14.9	4.7	9.8	..	22.6	9	-0.1	8	82	22	..	22	10	..
Queenstown	322	15.5	5.4	10.5	-0.6	23.5	9	1.4	30	128	10	+60	41	10	144
Queenstown EWS	322	15.0	5.0	10.0	..	23.0	9	0.8	30	127	10	..	42	10	..
Queenstown Aero AWS	354	14.7	4.0	9.4	-0.2	20.9	9	-1.3	7	96	12	+40	39	10	190
Five Rivers CWS	260	14.7	3.5	9.1	..	21.9	9	-4.0	6	92	16	..	35	10	..
Lumsden AWS	187	14.6	3.6	9.1	-0.8	21.6	9	-3.8	6	75	17	..	33	10	..
Waipounamu CWS	152	15.0	3.5	9.3	..	21.7	9	-3.1	6	58	14	..	28	10	..
Cromwell EWS	213	17.4	2.9	10.2	-0.6	22.5	9	-2.7	7	50	8	..	30	10	181
Lauder EWS	375	15.9	2.5	9.2	-0.5	22.8	9	-3.0	6	59	8	+21	33	10	..
Ophir 2	305	16.9	0.4	8.7	..	22.7	9	-6.1	7	54	7	..	35	10	..
Alexandra	150	17.6	3.5	10.6	-0.4	24.6	9	-2.6	7	37	6	..	26	10	154
Alexandra CWS	140	16.8	3.6	10.2	..	23.2	9	-2.1	7	42	6	..	31	10	..
Clyde 2 EWS	170	17.3	2.3	9.8	..	24.2	9	-3.6	7	40	5	..	26	10	..
Alexandra AWS	230	16.5	3.0	9.8	..	23.8	9	-3.9	7	42	13	..	26	10	..
Roxburgh WXT AWS	160	16.0	5.2	10.6	..	23.0	9	-2.4	6	..	..	..	..	..	..
Tapanui	180	16.3	5.0	10.7	+0.4	24.1	9	-2.5	..	60	13	-10	28	10	..
Waitutu CWS	30	15.1	4.7	9.9	..	20.6	23	0.1	6	179	19	..	42	28	..
Winton 2	44	16.2	5.5	10.9	+0.4	..	..	-1.2	6	59	14	-18	15	28	140
Gore AWS	123	15.1	5.4	10.3	+0.2	23.7	9	0.5	7	..	..	..	..	..	..
Gore EWS	60	15.2	4.4	9.8	..	..	..	..	..	..	..	..	..	..	..
Invercargill Aero	1	15.3	5.4	10.4	+0.0	22.9	9	-1.0	6	92	17	-4	20	10	154
Invercargill Aero AWS	1	15.3	5.1	10.2	-0.1	23.2	9	-1.7	6	86	19	..	18	10	..
Invercargill Aero 2 E	..	15.4	4.9	10.2	..	23.0	9	-1.3	6	92	16	..	21	10	166
Tiwai Point EWS	5	15.9	7.3	11.6	+0.4	23.4	9	2.2	7	48	16	-49	11	10	..
Stewart Is	3	15.2	6.5	10.9	+0.3	..	..	2.0	7	..	..	..	..	..	..
Balclutha, Finegand	6	15.6	4.6	10.1	-0.6	20.8	9	-0.3	6	52	14	+4	16	10	..
Balclutha, Telford Ew	11	15.7	4.5	10.1	..	20.5	9	-2.7	7	50	16	..	14	10	137
Nugget Point AWS	129	13.7	7.7	10.7	-0.1	18.0	9	3.1	19	60	15	+4	8	10	..
Tautuku	25	16.2	6.2	11.2	+0.5	22.5	9	1.0	5	97	16	-7	24	10	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
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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	
South West Cape AWS	101	14.2	9.2	11.7	+0.9	19.2	9	6.1	6	97	22	-7	17	28	..
Solomon, Taro Is	3	31.5	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.0	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.6	24.7	28.7	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.2	23.8	28.0	..	33.8	14	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	..	25.0	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.3	23.7	27.0	..	..	..	..	..	179	18	..	70	20	..
Vanuatu, Bauerfield	20	29.8	21.4	25.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	21.1	..	..	..	..	13.4	7	..	..	..	..	..	..
Vanuatu,Aneityum	6	..	21.8	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	29.5	20.8	25.2	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	28.4	23.3	25.9	..	29.9	1	17.7	10	..	..	..	..	..	..
New Cal, Ouanaham	29	28.0	21.5	24.8	..	..	..	13.8	10	..	..	..	..	..	..
New Cal, Poinoimie	13	28.5	21.2	24.9	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Roche	42	27.9	20.2	24.1	..	29.5	3	14.2	7	..	..	..	..	..	..
New Cal, La Tontouta	14	28.8	20.1	24.5	..	32.7	3	17.3	8	..	..	..	..	..	..
New Cal, Nouma	72	27.5	21.9	24.7	..	30.4	3	20.2	30	..	..	..	..	..	..
New Cal, Moue	97	26.9	21.3	24.1	..	29.5	3	17.9	6	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.5	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	30.9	25.2	28.1	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Beru	2	..	25.9	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.0	26.9	29.5	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.3	..	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	31.3	23.6	27.5	..	..	..	22.2	30	..	..	..	..	..	..
Fiji, Nadi EWS	15	31.9	24.1	28.0	..	33.9	17	22.6	30	311	17	..	137	14	..
Fiji,Nausori Aero	6	30.3	23.6	27.0	..	32.9	28	20.5	27	..	..	..	..	..	..
Wallis Island, Hihifo	27	31.6	25.9	28.8	..	32.5	26	..	..	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	32.1	25.4	28.8	..	..	..	23.8	19	..	..	..	..	..	..
Samoa,Faleolo	4	32.0	24.8	28.4	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.4	25.2	28.3	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.2	26.1	28.7	..	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	30.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.3	23.5	26.4	..	..	..	..	..	..	..	..	..	..	..
Salote Pilelevu Airpo	2	28.9	24.3	26.6	..	31.0	9	22.1	7	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	28.5	22.9	25.7	..	31.0	12	20.6	13	..	..	..	..	..	..
CI Rarotonga Aero	7	28.3	22.7	25.5	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.0	24.6	28.3	..	33.7	12	23.2	1	29	11	..	6	4	..
Tahiti - Faaa	1	31.6	25.5	28.6	..	33.4	8	23.8	29	89	10	..	52	28	..
Tuamotu, Takaroa	2	31.4	26.1	28.8	..	..	..	23.4	29	..	..	..	..	..	..
Tuamotu, Hao	3	30.0	25.6	27.8	..	31.0	20	22.6	13	..	..	..	..	..	..
Gambier, Rikitea	91	25.8	22.3	24.1	..	28.7	24	17.8	30	321	14	..	202	13	..
Tubuai	2	27.0	22.4	24.7	..	29.2	16	19.8	20	..	..	..	..	..	..
Rapa	1	23.3	19.9	21.6	..	..	..	..	..	..	..	..	..	..	..
Raoul Island AWS	49	23.9	18.5	21.2	..	26.2	2	15.8	10	..	..	..	..	..	211
Enderby Is AWS	40	11.9	7.9	9.9	..	..	..	3.7	29	..	..	..	..	..	..
Chatham Island Aero A	12	17.5	11.7	14.6	..	21.2	26	5.2	11	62	26	..	21	2	..
Georg Von Neumayer	40	-13.8	-20.1	-17.0	..	-8.5	2	-30.1	27	..	..	..	..	..	..
Ant South Pole	2827	-53.0	-60.1	-56.6	..	-43.4	18	-67.9	13	..	..	..	..	..	..
Halley Bay	30	-17.8	-27.4	-22.6	..	-5.8	16	-43.7	14	..	..	..	..	..	..
Gen Belgrano 2	256	-12.0	-18.5	-15.3	..	-3.0	15	-30.0	8	..	..	..	..	..	..
Bellingshausen	16	0.0	-2.3	-1.2	..	..	..	-10.2	20	..	..	..	..	..	..
Base Jubany	4	1.3	-2.5	-0.6	..	4.6	11	-10.8	21	..	..	..	..	..	..
V C Marambio	198	-5.0	-11.8	-8.4	..	3.6	11	-20.7	21	..	..	..	..	..	..
Eduardo Frei	10	-0.1	-1.9	-1.0	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat		0.8	-2.1	-0.7	..	3.6	8	..	..	..	..	..	..	..	..
Great Wall	10	0.4	-2.4	-1.0	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-1.8	-3.7	-2.8	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	1.0	-2.3	-0.7	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-1.0	-4.0	-2.5	..	2.2	11	-8.3	22	..	..	..	..	..	..
Argentine Is, Faraday	11	0.5	-2.5	-1.0	..	5.4	13	-6.3	21	..	..	..	..	..	..
Gen San Martin	4	-0.5	-5.5	-3.0
King Sejong	11	1.5	-1.7	-0.1
Novolax Arevskaja	99	-10.5	-13.8	-12.2	-24.3	30

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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	
Maitri		-9.6	-14.7	-12.2
Syowa	21	-7.7	-13.4	-10.6	..	-3.4	5	-22.7	19	..	..	..	..	..	..
Mawson	16	-10.9	-16.3	-13.6	..	-5.2	20	-22.7	17	..	..	..	..	..	..
Davis	13	-10.3	-16.5	-13.4	..	..	..	..	..	..	..	..	..	..	..
Progress	64	-11.8	-15.4	-13.6	..	..	..	-29.0	6	..	..	..	..	..	..
Mirnyj	30	-11.6	-16.1	-13.9	..	-6.2	7	-20.7	1	..	..	..	..	..	..
Vostok	3420	-64.5	-68.0	-66.3	..	..	..	..	..	..	..	..	..	..	..
Casey	41	-7.6	-15.3	-11.5	..	..	..	..	..	..	..	..	..	..	..
Mcmurdo	24	-16.1	-24.2	-20.2	..	-6.7	19	-37.0	5	..	..	..	..	..	..
Ant Arrival Heights E	218	-17.4	-26.2	-21.8	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base EWS	20	-17.6	-29.6	-23.6	..	-7.1	19	-45.6	6	..	..	..	..	..	..
Darwin Airport	31	33.0	18.5	25.8	..	..	..	..	..	..	..	..	..	..	..
Hobart Airport	4	24.3	8.8	16.6	..	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for March 2019															
Kaitaia EWS	85	24.4	14.4	19.4	+0.7	26.8	4	10.2	4	51	10	-27	15	8	179
Tiri Tiri Lighthouse	76	23.3	17.0	20.2	+1.4	25.4	3	14.0	9	30	8	-43	18	8	..
Tauranga Aero		..	..	..	..	..	..	..	..	..	..	..	..	..	182
Tarapounamu EWS	701	19.3	10.7	15.0	..	24.8	5	5.2	1	76	12	..	24	8	..
Auckland Aero	7	24.5	15.8	20.2	+1.4	27.5	17	11.9	3	53	9	-22	24	8	..
Wellington Aero	4	20.4	14.4	17.4	+0.8	24.2	31	8.7	1	70	9	+3	32	8	..
Waiouru Treatment Pla	806	20.9	8.5	14.7	+2.4	23.8	4	0.0	1	49	9	-17	23	8	..
Taihape Rec	433	24.6	9.2	16.9	+2.4	28.0	4	0.6	1	46	7	-18	19	14	..
Franz Josef EWS	80	20.7	11.4	16.1	+2.6	23.4	12	4.7	1	..	..	..	..	..	174
Castle Mount EWS	2000	10.1	3.4	6.8	..	15.2	3	-5.4	1	..	..	..	..	..	..
Stephens Island	187	19.4	14.2	16.8	+1.3	22.2	31	5.8	9	95	12	..	29	9	..
Kaikoura, Middle Cree	5	19.9	10.7	15.3	..	26.2	25	4.7	1	..	..	..	..	..	..
Methven, Three Spring	305	21.4	10.4	15.9	..	28.8	6	4.0	1	55	9	..	34	7	..
Ashburton Council	101	23.7	9.2	16.5	+1.6	32.4	5	1.8	2	19	4	-38	15	6	..
Christchurch Aero	37	22.0	11.7	16.9	+2.0	30.4	12	2.8	1	28	11	-18	11	7	173
Christchurch Gardens	7	22.5	12.4	17.5	+2.0	..	..	4.2	1	31	10	-14	11	7	..
Orari Estate	81	22.3	10.6	16.5	+2.4	31.0	26	4.2	29	37	7	-19	25	7	..
Windsor EWS	81	21.3	9.9	15.6	+2.1	29.7	5	3.7	2	..	..	..	..	..	..
Palmerston	21	21.5	8.9	15.2	+2.0	32.1	5	2.2	29	20	10	-31	11	7	163
Middlemarch EWS	213	24.3	7.4	15.9	+2.6	..	..	..	..	..	..	..	..	..	..
Stewart Is	3	18.9	9.5	14.2	+2.1	23.8	..	1.5	8	179	..	+39	..	..	..
Balclutha, Finegand	6	21.9	8.2	15.1	+1.8	30.0	5	2.2	15	23	6	-34	11	26	..
Tautuku	25	20.1	10.5	15.3	+2.8	25.0	31	5.5	15	26	5	-89	8	7	..
Late returns and corrections for February 2019															
Tiri Tiri Lighthouse	76	24.0	17.2	20.6	+0.8	27.4	13	13.6	26	47	10	-13	27	22	..
Kaikoura, Middle Cree	5	21.6	10.1	15.9	..	29.0	22	4.2	26	..	..	..	..	..	..
Methven, Three Spring	305	22.6	10.0	16.3	..	31.8	4	3.3	28	76	9	..	40	23	..
Ashburton Council	101	25.1	9.6	17.4	+0.6	32.6	9	4.0	17	34	..	-19	..	..	..
Christchurch Gardens	7	24.9	12.4	18.7	+1.6	31.4	4	6.8	28	12	6	-30	6	24	..
Ettrick No.2	91	23.8	8.3	16.1	+0.6	32.0	13	1.8	7	33	10	-25	14	27	..
Winton 2	44	21.4	9.8	15.6	+1.3	30.0	13	5.0	25	59	10	-20	15	15	179
Thornbury	20	22.0	9.9	16.0	..	30.7	13	1.1	7	72	16	..	17	19	..
Late returns and corrections for January 2019															
Methven, Three Spring	305	23.5	11.7	17.6	..	33.2	31	5.6	24	21	11	..	8	23	..
Invercargill Aero	1	20.2	10.9	15.6	+1.4	28.6	30	..	..	164	23	+49	37	5	184
Late returns and corrections for December 2018															
Methven, Three Spring	305	19.2	10.6	14.9	..	28.2	17	5.9	21	147	19	..	30	5	..
Late returns and corrections for November 2018															
Methven, Three Spring	305	17.3	7.0	12.2	..	26.5	3	0.6	10	188	16	..	59	8	..
Late returns and corrections for October 2018															
Methven, Three Spring	305	16.0	5.4	10.7	..	28.2	24	0.4	15	114	15	..	19	29	..

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		Means of		Mean of A and B	Differ-ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ-ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall		Date
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs				
		Late returns and corrections for September 2018													
Methven, Three Spring	305	13.6	2.9	8.3	..	21.0	15	-3.1	8	38	6	..	18	2	..
		Late returns and corrections for August 2018													
Methven, Three Spring	305	12.1	1.4	6.8	..	17.3	16	-2.9	20	..	..	..	..	..	..
		Late returns and corrections for July 2018													
Methven, Three Spring	305	12.2	1.4	6.8	..	17.9	7	-2.7	4	..	..	..	..	..	..
		Late returns and corrections for June 2018													
Methven, Three Spring	305	9.9	1.4	5.7	..	14.8	7	-4.1	23	..	..	..	..	..	..
		Late returns and corrections for May 2018													
Methven, Three Spring	305	13.2	3.2	8.2	..	19.9	7	-1.9	29	..	..	..	..	..	..
		Late returns and corrections for April 2018													
Methven, Three Spring	305	16.0	5.2	10.6	..	25.4	6	0.4	10	..	..	..	..	..	..
		Late returns and corrections for March 2018													
Methven, Three Spring	305	20.0	10.0	15.0	..	28.2	4	4.4	10	..	..	..	..	..	..
		Late returns and corrections for February 2018													
Methven, Three Spring	305	20.2	10.1	15.2	..	28.2	16	4.6	22	..	..	..	..	..	..

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.