

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	20.0	14.8	17.4	+0.2	..	..	12.8	29	..	..	..	..	..	..
Kaitaia Aero EWS	80	21.5	13.1	17.3	+0.4	25.6	2	..	..	85	13	-34	34	20	..
Kaitaia Aero AWS	82	21.8	12.8	17.3	..	..	..	..	..	94	16	..	37	20	..
Kaitaia EWS	85	21.5	12.3	16.9	+0.0	..	..	..	..	..	..	..	..	..	..
Kerikeri EWS	79	21.5	11.1	16.3	-0.1	25.0	2	7.2	27	100	12	-47	30	20	..
Kerikeri Aerodrome Aw	150	20.9	11.9	16.4	+0.3	24.7	2	9.1	27	107	19	-38	37	23	..
Kaikohe AWS	204	19.7	12.3	16.0	+0.2	24.1	3	8.4	29	49	20	-91	13	23	..
Trounson CWS	244	19.8	11.7	15.8	..	22.7	1	7.6	30	51	14	-80	10	12	..
Dargaville 2 EWS	66	20.6	12.3	16.5	+0.5	23.9	4	7.8	27	56	12	-15	14	16	179
Purerua AWS	82	20.6	13.3	17.0	..	22.9	2	10.2	29	69	13	..	26	20	..
Russell CWS	15	21.6	11.6	16.6	..	24.3	2	7.4	11	107	20	..	35	20	..
Whangarei Aero AWS	37	21.3	12.6	17.0	+0.4	24.6	2	8.7	27	56	12	-47	19	23	..
Whangarei EWS	12	22.3	10.8	16.6	..	25.6	2	5.3	29	44	10	..	18	23	155
Mokohinau AWS	60	19.6	16.1	17.9	+0.2	..	..	13.5	16	..	..	..	..	..	..
Leigh 2 EWS	27	22.3	13.7	18.0	+0.6	24.7	7	..	..	..	..	..	..	..	..
Warkworth EWS	72	20.9	9.7	15.3	-0.1	24.0	1	4.5	27	27	13	-80	7	17	..
Whangaparaoa AWS	89	20.8	14.2	17.5	+0.5	24.4	2	11.6	10	21	11	-50	9	17	..
Tiri Tiri Lighthouse	76	20.3	14.1	17.2	+0.4	22.5	17	12.3	15	..	..	..	..	..	..
Auckland, Whenuapai A	26	21.1	10.1	15.6	+0.1	24.9	1	4.5	27	38	11	..	14	12	..
Auckland, North Shore	64	21.1	10.1	15.6	..	24.8	1	5.2	27	38	13	..	15	12	192
Auckland, Sky tower	342	17.3	13.7	15.5	..	23.0	1	11.2	16	..	..	..	..	..	..
Auckland, Motat EWS	16	21.4	11.0	16.2	..	25.5	1	5.4	27	25	11	..	12	12	205
Whitianga Aero AWS	5	20.8	10.5	15.7	+0.4	23.4	17	4.9	10	42	19	-110	13	12	..
Whitianga EWS	1	21.7	9.7	15.7	..	24.1	17	4.4	11	37	14	..	13	12	..
Paeroa AWS	18	20.9	9.6	15.3	+0.1	25.3	1	4.5	29	38	11	-68	17	17	..
Matamata, Hinuera EWS	85	20.8	7.9	14.4	+0.3	25.4	1	2.2	10	68	8	..	29	17	..
Tauranga CWS	3	21.0	12.4	16.7	..	23.6	28	8.0	10	24	15	..	10	12	..
Tauranga Aero AWS	4	20.9	11.4	16.2	+0.6	22.9	18	6.9	27	16	10	-105	7	12	..
Te Puke EWS	91	20.4	9.9	15.2	+0.6	23.3	2	5.5	10	63	10	-81	25	12	..
Whakatane Aero AWS	7	20.7	9.0	14.9	+0.4	23.1	3	5.4	5	41	8	-62	16	12	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	225
Whakatane EWS	1	21.1	9.7	15.4	..	23.2	3	5.4	10	41	9	..	18	12	..
Mamaku Radar WXT AWS	17	15.3	9.7	12.5	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	22.1	9.3	15.7	..	25.5	1	5.8	27	..	..	..	..	..	193
Rotorua EWS	288	19.1	8.4	13.8	..	23.1	1	4.8	11	39	10	..	21	12	210
Rotorua Aero AWS	283	18.6	8.1	13.4	+0.1	22.6	1	4.6	7	39	11	-73	18	12	..
Galatea AWS	174	19.2	6.3	12.8	..	22.8	1	1.3	29	30	22	..	15	12	..
Taupo CWS	360	19.5	7.5	13.5	..	23.8	1	3.0	11	13	15	..	6	17	..
Taupo AWS	400	17.6	6.9	12.3	+0.3	21.4	1	1.5	11	35	9	-33	14	17	..
Motu EWS	488	17.7	6.2	12.0	+0.9	22.0	1	-2.0	29	92	15	-53	46	12	..
Auckland, Mangere 2 E	16	21.0	11.6	16.3	..	24.9	1	6.6	22	25	10	..	12	12	202
Auckland Aero	7	20.8	12.2	16.5	+0.2	24.1	1	8.1	22	33	17	-52	11	12	..
Auckland Aero Backup	7	20.8	12.3	16.6	..	24.0	1	8.3	22	32	17	..	10	12	..
Ardmore Aero AWS	41	21.3	9.5	15.4	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	20.7	11.0	15.9	+0.4	24.8	1	7.2	11	59	12	-27	25	17	..
Firth Of Thames EWS	3	21.3	8.5	14.9	..	24.3	1	1.4	10	25	8	..	14	12	..
Whatawhata 2 EWS	118	20.2	9.5	14.9	+0.2	25.1	1	6.3	27	64	12	-45	16	8	..
Hamilton, Ruakura 2 E	45	21.7	7.7	14.7	+0.2	26.1	2	2.7	11	53	10	-30	23	8	195
Hamilton AWS	53	20.7	8.1	14.4	+0.2	25.6	1	3.5	11	76	12	-12	32	17	..
Lake Karapiro CWS	55	20.8	10.9	15.9	..	26.5	1	7.7	10	47	10	..	16	8	..
Port Taharoa AWS	27	19.4	12.9	16.2	+0.0	23.3	4	9.6	22	..	..	..	..	..	..
Awakino EWS	400	17.6	8.1	12.9	..	22.2	4	5.0	15	135	14	..	41	17	167
Waikeria EWS	37	20.1	6.7	13.4	..	24.5	1	1.8	10	54	9	..	18	12	199
Te Kuiti EWS	61	21.4	6.6	14.0	-0.1	26.0	1	2.6	11	83	11	-21	28	12	196
Pureora Forest CWS	549	16.5	5.6	11.1	..	21.1	2	-0.5	10	89	9	..	36	17	..
Taumarunui EWS	170	19.8	7.1	13.5	..	23.9	1	2.9	3	102	11	..	52	17	..
Taumarunui AWS	195	18.6	5.2	11.9	..	23.4	1	0.5	29	106	16	..	44	17	191
Turangi 2 EWS	360	18.4	5.5	12.0	+0.0	21.0	2	-0.6	11	69	7	-45	32	17	195
New Plymouth AWS	30	19.0	10.2	14.6	+0.1	22.2	2	5.0	22	76	18	-40	19	12	224
Lower Retaruke CWS	233	18.7	7.1	12.9	..	23.0	4	1.7	11	73	13	-33	31	17	..
Mt Ruapehu, Chateau E	1097	12.9	2.9	7.9	-0.4	18.0	2	-1.0	25	155	13	-25	39	17	..
Pahiatua AWS	110	19.7	7.0	13.4	..	23.4	12	-0.4	29	61	12	..	30	17	..
Masterton Aero AWS	138	19.6	6.8	13.2	..	23.3	11	0.3	30	10	12	..	3	7	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Masterton EWS	90	19.7	6.4	13.1	..	24.0	11	0.2	30	211	
Masterton, Te Ore Ore	110	20.0	7.1	13.6	..	23.9	7	1.1	16	4	8	-62	1	7	..
Takapau Plains AWS	330	17.3	7.2	12.3	+0.1	21.2	12	2.1	11	40	14	..	13	13	..
Dannevirke EWS	207	18.4	8.3	13.4	..	22.1	12	1.1	29	42	10	..	21	13	164
Cape Turnagain AWS	292	15.3	11.5	13.4	..	18.5	12	6.8	15	..	..	..	..	..	..
Akitio EWS	245	16.6	10.1	13.4	..	20.1	12	5.2	15	31	12	..	15	17	201
Castlepoint AWS	120	18.1	13.0	15.6	+1.0	..	..	..	..	..	..	..	..	..	..
Baring Head	79	16.4	11.5	14.0	..	19.6	5	6.5	16	9	10	..	3	12	..
Martinborough EWS	20	19.6	8.3	14.0	+1.0	22.5	11	1.8	29	7	9	..	2	13	179
Ngawi AWS	6	19.0	12.7	15.9	+0.9	22.5	11	8.5	29	8	8	..	2	3	..
Hicks Bay AWS	46	20.3	12.8	16.6	+0.6	22.4	8	8.7	30	68	18	-42	20	23	..
Gisborne AWS	5	20.7	10.2	15.5	+0.6	24.2	18	4.5	15	32	9	-65	12	9	190
Gisborne EWS	12	21.1	10.5	15.8	..	24.2	18	5.7	30	22	7	..	7	9	..
Tolaga Bay WXT AWS	12	19.5	11.1	15.3	..	23.2	13	4.8	30	50	10	..	27	9	..
Tutira CWS	235	18.7	9.4	14.1	..	22.0	27	4.4	29	10	7	..	3	3	..
Napier Aero AWS	3	21.1	8.9	15.0	+0.6	26.2	18	2.5	30	10	5	-69	5	8	..
Napier EWS	7	21.2	9.5	15.4	..	..	..	..	..	6	4	..	3	8	..
Maraekakaho CWS	150	20.8	7.5	14.2	..	..	..	..	..	..	..	..	..	..	..
Hastings AWS	16	21.0	9.1	15.1	..	25.2	18	3.3	15	7	10	..	2	8	..
Whakatu EWS	5	21.2	7.7	14.5	+0.9	25.7	18	0.2	15	..	..	..	..	..	..
Ashcott Road CWS	212	19.0	7.5	13.3	..	22.4	17	0.0	29	14	8	..	5	8	..
Waipawa EWS	130	20.5	6.5	13.5	..	24.0	12	0.3	29	10	7	..	4	14	168
Wairoa, North Clyde E	15	21.7	10.7	16.2	+1.5	25.5	30	5.4	30	20	6	-108	9	12	..
Wairoa Aero AWS	13	19.8	9.1	14.5	..	23.9	18	3.9	30	34	16	..	13	10	..
Mahia Radar WXT AWS	419	15.7	11.3	13.5	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	18.7	12.5	15.6	+0.7	23.0	18	8.0	15	25	11	-101	9	9	..
Cape Kidnappers WXT A	118	17.9	13.3	15.6	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero AWS	5	17.9	9.9	13.9	+0.5	20.5	5	2.6	15	34	9	-26	17	12	224
Paraparaumu EWS	5	18.0	9.9	14.0	..	20.4	3	2.4	15	35	9	-24	19	12	219
Ohakea AWS	50	19.1	9.6	14.4	..	..	..	..	..	..	..	..	..	..	..
Palmerston North AWS	40	19.5	8.9	14.2	+0.6	23.2	12	2.1	15	40	14	-20	9	17	..
Palmerston North EWS	21	19.0	9.1	14.1	+0.2	23.0	12	2.9	15	66	13	-3	40	17	180
Levin AWS	14	19.0	9.5	14.3	+0.6	23.0	5	2.6	15	37	8	-43	19	12	..
Levin EWS	23	18.6	8.9	13.8	..	22.0	5	1.4	15	35	7	..	16	12	206
Mana Island AWS	100	16.0	11.8	13.9	..	18.5	28	7.6	15	16	6	..	10	12	..
Porirua, Elsdon Park	7	18.1	9.5	13.8	..	..	..	2.2	15	..	..	..	..	..	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	196
Wellington, Kelburn A	125	16.7	11.1	13.9	+0.2	19.6	4	6.5	16	22	11	-63	7	12	206
Wellington Aero	4	17.6	12.1	14.9	+0.5	20.8	5	7.5	10	15	10	-53	6	12	..
Wellington, Greta Poi	3	18.2	12.0	15.1	..	22.2	5	7.3	14	13	8	..	5	12	..
Wellington Aero Backu	4	17.7	12.2	15.0	..	20.8	5	7.6	16	14	10	..	6	12	..
Upper Hutt, Trentham	50	19.0	7.4	13.2	..	23.0	5	-0.1	29	39	6	..	26	12	216
Stratford EWS	280	17.8	7.6	12.7	+0.3	21.6	4	1.9	22	83	12	-63	39	12	194
Hawera AWS	98	18.0	9.5	13.8	+0.5	21.3	7	3.6	11	55	15	-28	22	17	..
Waiouru Airstrip AWS	818	14.5	3.8	9.2	..	..	..	..	..	..	..	..	..	..	..
Waiouru EWS	803	14.8	4.2	9.5	..	18.9	4	0.2	10	72	18	..	18	13	..
Flat Hills WXT AWS	263	18.0	8.7	13.4	..	22.1	5	3.7	10	48	11	-29	18	13	..
Wanganui AWS	8	18.7	10.8	14.8	+0.4	22.6	12	6.1	4	22	8	-50	8	13	..
Wanganui 2 AWS	18	20.4	10.1	15.3	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	20.3	6.7	13.5	+0.4	24.2	17	3.3	22	75	9	-81	39	12	206
Farewell Spit AWS	3	21.2	11.7	16.5	+1.9	23.2	1	7.7	22	44	13	-50	13	12	..
Westport Aero AWS	2	16.7	9.1	12.9	-0.3	20.7	5	5.4	15	170	22	+28	31	23	..
Westport EWS	6	16.8	8.8	12.8	..	20.8	5	5.1	30	180	21	..	30	23	172
Arapito EWS	3	18.3	8.2	13.3	..	23.5	5	4.0	30	136	18	..	30	12	148
Hokitika AWS	38	16.0	7.8	11.9	-0.5	20.3	5	2.5	14	..	..	..	..	..	177
Hokitika EWS	39	16.1	7.7	11.9	..	20.5	5	2.4	14	..	..	..	..	..	..
Reefton EWS	198	16.8	5.9	11.4	-0.4	23.2	4	1.0	10	164	18	+21	51	12	135
Greymouth Aero EWS	5	16.6	8.0	12.3	..	21.2	5	2.7	14	196	18	..	44	27	161
Pigeon Creek CWS	105	15.6	6.6	11.1	..	20.6	2	1.2	15	426	22	..	134	17	..
Mt Philistine EWS	1655	7.1	1.0	4.1	..	13.4	29	-5.0	14	467	22	..	120	12	..
Mahanga EWS	1995	6.0	-0.9	2.6	..	10.3	10	-8.0	14	213	18	..	67	12	..
Ivory Glacier CWS	1390	8.4	1.8	5.1	..	13.8	10	-4.6	14	707	19	..	222	12	..
Franz Josef EWS	80	15.7	6.5	11.1	-0.6	20.0	5	0.1	14	391	19	..	97	12	163

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Haast AWS	5	15.4	8.2	11.8	-0.2	19.0	4	2.8	14	276	22	..	48	6	..
Milford Sound AWS	3	14.4	6.8	10.6	-0.5	21.2	5	2.6	14
Milford Sound EWS	3	14.6	7.1	10.9	..	21.2	5	3.0	14	613	23	..	102	12	..
Castle Mount EWS	2000	4.0	-2.0	1.0	..	10.8	3	-8.0	14	..	..	..	..	..	..
Secretary Island AWS	19	14.7	10.2	12.5	-0.1	..	..	4.5	14	..	..	..	..	..	..
Puysegur Point AWS	44	14.8	10.1	12.5	+0.7	21.3	5	4.8	14	..	..	..	..	..	..
Stephens Island AWS	180	16.6	12.1	14.4	..	..	..	..	..	15	9	..	4	18	..
Motueka, Riwaka EWS	8	18.8	5.9	12.4	-0.3	21.5	25	2.0	15	58	9	-48	23	12	..
Appleby 2 EWS	18	19.2	5.8	12.5	-0.6	21.6	24	0.5	30	35	8	..	12	12	222
Richmond EWS	1	18.5	7.6	13.1	..	21.2	24	3.3	15	42	7	..	15	12	232
Nelson AWS	4	18.3	9.0	13.7	+0.1	20.5	24	5.5	29	40	10	..	13	12	..
Blenheim Research EWS	4	20.1	7.5	13.8	+0.5	..	..	..	..	24	5	-21	13	18	233
Wairau Valley, Mill R	172	19.4	6.8	13.1	..	24.5	11	-0.9	15	36	7	..	30	12	..
Blenheim Aero AWS	35	20.8	5.9	13.4	+0.5	24.0	11	-1.4	15	19	4	-34	9	18	..
Brothers Island AWS	68	16.7	12.9	14.8	+0.3	20.0	28	8.8	15	13	12	..	5	14	..
Cape Campbell AWS	2	16.2	11.7	14.0	+0.1	19.7	25	8.2	14	2	3	-28	1	18	..
Hanmer Forest EWS	363	20.6	2.1	11.4	+0.8	27.1	11	-3.8	15	25	5	-41	14	18	..
Kaikoura, Middle Cree	5	17.7	5.2	11.5	..	25.4	27	1.1	30	7	14	..	1	29	..
Kaikoura AWS	105	17.4	10.2	13.8	+0.8	23.6	27	6.3	16	1	3	-55	1	23	..
Arthurs Pass EWS	745	12.2	3.7	8.0	-0.3	19.0	3	-2.4	15	423	16	+62	106	12	..
Arthurs Pass AWS	743	12.2	4.1	8.2	..	18.1	3	-1.8	15	462	21	..	119	12	..
Culverden AWS	181	19.2	5.7	12.5	..	26.3	11	-0.3	15	6	5	..	3	18	..
Medbury CWS	232	20.2	5.4	12.8	..	26.2	11	-1.4	29	9	4	..	6	18	..
Balmoral East CWS	172	19.2	3.9	11.6	..	25.9	11	-2.7	15	28	7	..	9	18	..
Waipara North Branch	560	17.4	7.3	12.4	..	23.4	11	-0.3	14	35	8	..	16	18	..
Waiiau School CWS	136	20.8	5.1	13.0	..	27.9	11	-2.1	15	2	5	..	1	18	..
Cheviot EWS	75	19.9	5.0	12.5	..	..	..	..	..	..	..	..	..	..	..
Upper Rakaia EWS	1752	8.3	1.5	4.9	..	13.7	11	-5.1	14	167	16	..	58	12	..
Mt Potts EWS	2128	5.1	-1.5	1.8	..	11.8	11	-9.4	14	..	..	..	..	..	..
Mt Cook EWS	730	15.9	4.1	10.0	+0.6	23.2	11	-1.6	14	331	16	-13	113	12	..
Mueller Hut EWS	1818	7.3	1.2	4.3	..	12.8	10	-6.3	14	413	22	..	173	12	..
Mt Cook Aero AWS	659	15.5	3.5	9.5	..	22.6	11	-3.0	15	200	16	..	65	12	..
Methven, Three Spring	305	17.5	5.3	11.4	..	21.8	5	-1.3	15	24	9	..	12	17	..
Methven CWS	313	17.8	6.1	12.0	..	22.9	25	-0.4	15	28	17	..	11	17	..
Winchmore 2 EWS	164	17.9	4.8	11.4	..	23.9	7	-1.3	15	14	4	..	12	17	204
Chertsey CWS	108	18.6	7.2	12.9	..	25.3	30	2.4	15	14	3	..	12	17	..
Mayfield at Ruapuna F	325	17.1	5.4	11.3	..	22.8	7	-1.3	15	35	16	..	10	18	..
Lismore, Racemans Hou	168	17.8	5.8	11.8	..	24.9	30	0.1	15	21	9	..	16	17	..
Ashburton Aero AWS	89	18.5	5.6	12.1	..	25.3	30	-0.4	26	18	12	..	13	17	192
Wakanui 2 CWS	53	17.8	6.5	12.2	..	23.4	7	1.1	26	10	4	..	9	17	..
Waipara West EWS	130	20.0	7.1	13.6	..	25.2	27	2.2	14	9	5	..	4	17	212
West Eyreton, Larunde	88	18.2	5.8	12.0	..	25.0	30	0.1	21	..	..	..	..	..	..
Ohoka CWS		18.6	5.3	12.0	..	25.6	7	-1.2	21	14	8	..	11	17	..
Rangiora EWS	23	19.0	6.0	12.5	+0.6	26.0	7	-0.5	21	10	4	..	9	17	191
Christchurch Aero	37	19.0	6.4	12.7	+0.8	25.2	30	-1.1	30	13	8	-31	12	17	199
Christchurch Aero Bac	37	19.0	6.4	12.7	..	25.2	30	-1.2	30	12	6	..	11	17	..
Christchurch Gardens	7	19.4	7.6	13.5	+0.8	27.0	30	2.0	30	12	1	-34	12	17	..
Christchurch, Kyle St	6	19.4	8.2	13.8	+1.4	26.6	30	2.1	21	10	1	..	10	17	..
Bromley EWS	3	18.2	8.7	13.5	..	24.3	25	2.2	30	9	2	..	9	17	212
Lincoln, Broadfield E	18	18.9	7.4	13.2	+1.0	25.5	30	0.1	21	8	1	-37	8	17	215
Sugar Loaf AWS	496	16.7	8.2	12.5	..	22.3	30	3.1	14	..	..	..	..	..	..
Diamond Harbour EWS	122	18.1	9.1	13.6	..	25.6	30	3.8	14	12	4	..	10	17	..
Dorie CWS @ Leferinks	55	18.0	6.9	12.5	..	23.7	10	1.6	21	15	5	..	12	17	..
Akaroa EWS	45	18.8	9.2	14.0	+1.1	26.4	30	5.4	14	29	6	-38	13	17	191
Le Bons Bay AWS	236	16.1	9.4	12.8	+0.6	24.4	30	4.1	14	21	9	..	7	17	..
Lake Tekapo EWS	762	16.9	3.3	10.1	+0.7	22.8	11	-1.6	15	..	..	..	..	..	205
Fairlie AWS	403	16.6	6.4	11.5	..	24.1	10	3.4	9	16	20	..	3	12	..
Pukaki Aerodrome AWS	473	17.6	1.8	9.7	..	23.7	11	-2.7	15	48	14	..	16	17	..
Hakataramea Valley Cw	355	18.1	4.8	11.5	..	24.8	11	0.7	21	3	5	..	2	17	..
Orari Estate CWS	81	17.6	5.9	11.8	..	22.9	12	1.7	29	25	7	..	16	17	..
Timaru Aero AWS	26	17.4	4.6	11.0	+0.0	25.7	12	-1.8	15	19	8	-19	13	17	..
Timaru EWS	17	14.6	5.1	9.9	-1.7	21.7	12	0.0	15	33	12	-9	24	17	..
Waimate CWS	39	16.9	6.8	11.9	..	22.9	12	2.5	21	45	9	..	18	17	..

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	
Oamaru Airport AWS	30	15.6	6.3	11.0	+0.1	20.7	12	1.4	30	53	11	+16	20	18	..
Albert Burn	1280	8.6	1.8	5.2	..	..	..	..	..	..	..	..	..	..	..
Eglinton, Knobs Flat	365	14.0	4.7	9.4	..	20.7	2	0.0	15	188	19	..	42	12	..
Tara Hills AWS	488	17.2	2.7	10.0	+0.3	24.1	11	-2.4	21	38	8	+2	11	17	..
Wanaka CWS	331	16.3	5.4	10.9	..	21.8	11	1.9	15	55	9	..	18	12	..
Wanaka Aero AWS	352	17.1	5.4	11.3	+0.7	22.9	11	1.4	15	48	10	+1	15	12	..
Windsor EWS	81	17.2	4.7	11.0	+0.2	23.0	12	-0.1	30	40	9	+6	12	17	..
Ranfurly EWS	450	17.5	2.5	10.0	+0.8	24.1	12	-2.1	26	29	11	-8	12	12	..
Middlemarch EWS	213	18.6	2.9	10.8	+0.6	26.7	12	-3.9	29	20	12	..	4	17	130
Swampy Summit AWS	722	11.9	5.0	8.5	..	19.8	11	-0.8	14	..	..	..	..	..	..
Dunedin Aero AWS	1	16.9	4.7	10.8	+0.3	24.0	12	-0.9	29	18	14	-30	4	14	..
Dunedin, Musselburgh	4	15.2	7.9	11.6	-0.1	19.1	25	3.4	20	46	10	-5	11	18	159
Oamaru EWS	20	15.6	6.7	11.2	..	21.2	12	1.9	14	45	11	..	10	18	150
Murchison Mtns EWS	1140	8.6	3.2	5.9	..	15.0	10	-2.8	15	230	23	..	42	26	..
Takahe Valley CWS	895	10.8	2.7	6.8	..	17.5	10	-2.7	15	..	..	..	..	..	..
Te Anau At Park HQ Cw	204	15.0	6.6	10.8	..	20.2	10	0.1	15	..	..	..	..	..	..
Manapouri, West Arm J	178	13.0	6.5	9.8	+0.4	18.8	5	0.7	15	342	25	..	51	26	..
Manapouri Aero AWS	209	15.4	4.5	10.0	+0.5	20.5	1	-2.1	15	82	16	-9	22	26	..
Birchwood WXT AWS	147	15.6	6.4	11.0	..	23.8	12	2.1	11	81	16	..	22	13	..
Queenstown EWS	322	15.9	5.5	10.7	..	21.9	11	1.8	15	75	15	..	26	12	..
Queenstown Aero AWS	354	15.8	4.5	10.2	+0.6	21.1	11	0.4	11	56	12	+0	18	12	170
Five Rivers CWS	260	15.9	5.2	10.6	..	23.2	12	1.0	8	70	15	..	15	12	..
Lumsden AWS	187	15.7	5.1	10.4	+0.5	23.0	12	1.3	11	63	17	..	13	12	..
Waipounamu CWS	152	15.9	4.9	10.4	..	23.8	12	1.1	10	65	15	..	13	13	..
Cromwell EWS	213	17.4	2.6	10.0	-0.8	23.5	12	-1.2	26	21	7	..	9	12	183
Lauder EWS	375	17.5	3.2	10.4	+0.7	23.6	11	-1.9	15	26	10	-12	10	27	..
Alexandra CWS	140	18.9	4.3	11.6	..	24.2	11	1.0	21	24	12	..	8	12	..
Clyde 2 EWS	170	18.6	2.7	10.7	..	24.9	12	-1.3	21	22	9	..	10	12	..
Alexandra AWS	230	18.0	3.7	10.9	..	24.0	11	-0.6	26	27	16	..	11	12	..
Alexandra EWS	132	18.6	3.6	11.1	..	24.8	11	0.1	21	22	10	..	7	12	183
Roxburgh WXT AWS	160	17.5	6.3	11.9	..	..	..	1.7	8	..	..	..	..	..	..
Waitutu CWS	30	14.7	5.7	10.2	..	22.0	12	3.5	14	242	22	..	62	12	..
Gore AWS	123	15.2	6.3	10.8	+0.7	23.4	12	2.1	14	64	17	-10	12	13	..
Gore EWS	60	15.3	4.7	10.0	..	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	1	15.6	6.4	11.0	+0.7	22.0	12	1.4	11	95	20	..	12	13	..
Invercargill Aero 2 E		15.7	6.3	11.0	..	21.7	12	1.3	11	87	19	..	12	13	132
Tiwai Point EWS	5	14.6	8.0	11.3	+0.1	21.6	12	5.3	14	117	20	+20	12	26	..
Balclutha, Finegand	6	..	6.1	..	..	..	..	1.0	30	37	..	-11	..	..	..
Balclutha, Telford Ew	11	16.0	5.3	10.7	..	24.0	12	0.8	21	38	14	..	6	13	116
Nugget Point AWS	129	13.8	7.8	10.8	+0.0	17.8	10	2.7	14	43	15	-13	14	13	..
South West Cape AWS	101	14.0	9.5	11.8	+1.0	21.3	5	4.6	14	..	..	..	..	..	..
Kiribati, Cassidy Chri	3	..	24.7	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.6	..	..	..	..	..	..	325	19	..	144	2	..
Solomon, Honiara	56	32.3	24.3	28.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.0	23.5	27.8	..	..	..	22.0	8	..	..	..	..	..	..
Solomon, Santa Cruz	24	31.3	24.7	28.0	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Sola	13	..	24.4	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	29.6	22.0	25.8	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Burtonfield	70	29.8	22.5	26.2	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Aneityum	6	28.7	22.9	25.8	..	..	..	..	..	821	20	..	177	4	..
New Cal, Oulop	7	28.5	23.6	26.1	..	29.9	1	16.3	11	..	..	..	..	..	..
New Cal, Ouanaham	29	27.9	22.0	25.0	..	..	..	16.2	12	..	..	..	..	..	..
New Cal, La Roche	42	28.2	20.2	24.2	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	29.6	19.4	24.5	..	33.2	6	15.3	11	..	..	..	..	..	..
New Cal, Nouma	72	29.0	21.5	25.3	..	32.6	5	19.4	10	43	15	..	24	19	..
New Cal, Moue	97	27.3	21.2	24.3	..	29.2	5	17.7	25	..	..	..	..	..	..
Kiribati, Butaritari	2	32.1	25.6	28.9	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Tarawa	2	..	26.6	..	..	..	..	24.6	28	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.3	26.6	29.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Nui Is	2	..	26.8	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	32.9	27.6	30.3	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	30.6	23.5	27.1	..	32.5	21	21.2	12	..	..	..	..	..	..

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 March 2020															
Tiri Tiri Lighthouse	76	22.2	15.0	18.6	-0.2	..	..	..	..	40	16	-33	25	20	..
Auckland, North Shore	64	23.2	12.5	17.9	..	26.4	15	7.0	18	39	11	..	15	20	212
Auckland, Henderson N	7	24.4	12.6	18.5	+0.1	28.1	1	7.6	19	67	14	-21	20	31	..
Waiheke Island, Awaro	34	24.1	13.9	19.0	..	28.8	3	7.0	19	19	7	-69	6	23	..
Thames 2	3	22.9	12.7	17.8	-0.5	26.5	1	6.6	18	35	9	-43	8	27	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	195
Mt Ruapehu, Chateau E	1097	15.8	4.8	10.3	-0.4	22.4	1	-1.4	18	139	15	-35	42	3	..
Te Wharau, Brackenfie	292	20.1	9.6	14.9	..	27.1	8	2.3	25	301	11	..	123	28	..
Martinborough EWS	20	22.1	10.7	16.4	+0.5	27.5	14	2.8	25	100	9	..	36	27	148
Whakatu EWS	5	22.2	10.0	16.1	-0.1	28.2	22	2.1	25	..	..	..	..	..	..
Waipawa EWS	130	22.3	8.8	15.6	..	30.8	3	0.8	25	22	10	..	8	27	150
Wellington Aero	4	19.7	13.0	16.4	-0.2	24.1	16	8.8	24	99	11	+32	35	29	..
Stratford EWS	280	19.4	9.5	14.5	-0.2	..	..	6.1	19	87	11	-53	20	27	214
Waiouru Treatment Pla	806	17.7	6.8	12.3	+0.0	25.0	1	2.3	12	82	10	+17	28	3	..
Wanganui, Spriggens Pa	15	21.2	11.5	16.4	-0.6	28.5	3	7.6	12	43	12	-20	17	27	..
Pelorus Sd, Crail Bay	13	20.6	12.1	16.4	-0.4	25.5	16	7.4	24	107	12	-8	25	27	..
Grassmere Salt Works	2	19.9	11.8	15.9	-0.8	26.6	3	6.5	25	23	7	-15	11	29	..
Cheviot EWS	75	21.1	7.7	14.4	..	32.8	3	..	..	..	..	..	..	..	..
Mt Cook EWS	730	18.6	5.9	12.3	+0.0	27.5	15	-2.0	24	234	16	-146	71	21	..
Peel Forest	286	17.7	7.3	12.5	-0.9	26.7	2	1.6	18	146	23	+45	38	26	..
Waipara West EWS	130	20.6	8.2	14.4	..	29.8	3	2.2	18	61	12	..	23	29	181
Rangiora EWS	23	19.3	8.2	13.8	-0.8	31.5	3	0.0	18	92	11	..	46	29	157
Christchurch Gardens	7	20.0	9.5	14.8	-0.7	30.6	3	1.8	18	50	10	+5	27	30	..
Lincoln, Broadfield E	18	18.9	9.3	14.1	-0.8	29.5	3	-0.4	18	36	10	-11	16	29	170
Lake Tekapo, Air Safa	762	18.0	4.5	11.3	-1.2	25.5	2	-2.3	24	31	12	-18	11	21	..
Orari Estate	81	18.5	7.8	13.2	-0.9	26.5	7	1.9	25	52	11	-4	13	30	..
Palmerston	21	17.9	6.5	12.2	-1.0	26.9	9	0.2	18	42	10	-9	17	21	138
Queenstown	322	20.0	8.0	14.0	-0.4	27.4	2	4.0	29	26	8	-47	6	26	170
Ophir 2	305	20.1	3.4	11.8	..	27.0	2	-4.1	29	19	7	..	7	8	..
Alexandra	150	21.0	6.6	13.8	-1.1	30.0	2	-0.6	29	23	10	..	10	7	152
Balclutha, Finegand	6	..	6.8	..	..	..	..	0.1	29	45	8	-12	24	9	..
Tautuku	25	16.3	7.9	12.1	-0.4	24.5	7	3.0	18	101	8	-14	32	23	..
Solomon, Honiara	56	32.7	24.6	28.7	..	..	..	..	..	391	20	..	115	12	..
Vanuatu, Burtonfield	70	31.4	22.8	27.1	..	..	..	18.4	6	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.7	25.6	28.7	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base	19	-17.3	-25.2	-21.3	..	-9.0	6	-31.9	24	..	..	..	..	..	..
Late returns and corrections for February 2020															
Auckland, North Shore	64	26.4	14.3	20.4	..	29.7	4	8.5	10	11	1	..	11	22	264
Takaka EWS	20	25.3	11.9	18.6	+1.2	32.8	2	7.8	10	..	..	..	..	..	255
Ettrick No.2	91	23.4	9.6	16.5	+1.0	31.2	17	1.8	23	95	7	+37	37	4	..
Stewart Is	3	17.2	9.6	13.4	+0.1	..	..	0.9	7	91	20	-18	14	2	..
Balclutha, Finegand	6	..	11.2	..	..	..	..	6.0	..	188	..	+122	84	3	..
Solomon, Honiara	56	32.3	25.0	28.7	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base	19	-5.0	-11.5	-8.3	..	4.9	10	-21.5	19	..	..	..	..	..	..
Late returns and corrections for January 2020															
Auckland, North Shore	64	24.6	13.3	19.0	..	28.3	24	9.2	12	5	5	..	2	5	265
Stewart Is	3	..	..	..	..	..	..	..	..	..	..	..	..	..	157
Balclutha, Finegand	6	19.6	10.0	14.8	-0.3	24.0	11	2.9	14	39	..	-31	13	1	92
Late returns and corrections for December 2019															
Auckland, North Shore	64	23.2	13.3	18.3	..	26.6	7	8.6	21	37	9	..	23	17	..
Stewart Is	3	..	..	..	..	..	..	4.0	24	171	..	+47	..	..	..
Late returns and corrections for November 2019															
Stewart Is	3	17.1	7.6	12.4	+1.5	..	..	..	..	170	..	+42	..	..	..
Ant Scott Base	19	-5.6	-13.6	-9.6	..	-1.0	7	-22.5	18	..	..	..	..	..	..
Late returns and corrections for October 2019															
Ant Scott Base	19	-15.4	-24.7	-20.1	..	-9.1	19	-33.7	10	..	..	..	..	..	..

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			
Late returns and corrections for July 2019															
Manapouri, West Arm J	178	9.3	4.1	6.7	+3.8	18.7	9	-6.2	10	286	21	..	75	13	..
Late returns and corrections for June 2019															
Manapouri, West Arm J	178	8.1	3.2	5.7	+1.8	11.5	28	-1.1	19	207	23	..	32	21	..
Late returns and corrections for May 2019															
Manapouri, West Arm J	178	11.3	6.6	9.0	+2.4	15.1	2	-0.3	17	631	26	..	91	29	..
Late returns and corrections for April 2019															
Manapouri, West Arm J	178	12.6	5.1	8.9	-0.5	16.7	9	-0.1	7	273	15	..	55	26	..
Late returns and corrections for March 2019															
Manapouri, West Arm J	178	19.1	9.4	14.3	+2.1	23.6	18	3.9	14	306	13	..	140	25	..
Late returns and corrections for February 2019															
Manapouri, West Arm J	178	18.5	9.3	13.9	-0.2	25.1	10	2.9	28	327	17	..	105	19	..

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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