



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	16.7	11.6	14.2	-0.3	19.4	13	7.1	2	88	21	+27	45	14	..
Kaitaia Aero EWS	80	18.3	11.5	14.9	+0.4	21.4	12	7.5	27	50	16	-43	16	14	..
Kaitaia Aero AWS	82	18.3	11.1	14.7	..	..	..	..	..	55	17	..	18	14	..
Kaitaia EWS	85	17.5	10.3	13.9	-0.5	20.6	12	5.9	27	45	16	-46	13	14	159
Kerikeri EWS	79	19.5	9.6	14.6	+0.4	25.5	27	5.5	27	130	17	-1	54	14	..
Kerikeri Aerodrome Aw	150	19.2	9.6	14.4	+0.4	26.2	27	6.1	5	148	24	+21	76	14	..
Kaikohe AWS	204	17.2	10.1	13.7	+0.2	22.4	27	6.3	2	106	23	+7	52	14	..
Trounson CWS	244	16.5	9.7	13.1	..	21.1	9	2.3	27	93	25	-42	35	14	..
Dargaville 2 EWS	66	17.8	10.7	14.3	+0.0	22.8	10	7.6	2	51	19	-35	18	14	177
Purerua AWS	82	18.4	10.8	14.6	..	21.4	27	6.9	2	71	16	..	26	14	..
Russell CWS	15	19.5	9.4	14.5	..	25.5	27	5.1	5	96	22	..	52	14	..
Whangarei Aero AWS	37	18.9	11.1	15.0	+0.3	24.4	27	7.7	2	148	19	+64	62	14	..
Whangarei EWS	12	19.5	10.3	14.9	..	25.6	27	5.6	13	126	18	..	58	14	164
Mokohinau AWS	60	16.8	12.6	14.7	-0.2	19.5	27	9.7	2	..	..	..	..	..	..
Leigh 2 EWS	27	20.2	10.4	15.3	+0.6	23.7	19	6.3	3	93	23	+10	27	14	..
Whangaparaoa AWS	89	18.2	11.0	14.6	+0.0	23.1	27	7.1	2	75	17	-3	27	14	..
Auckland, Whenuapai A	26	17.6	10.5	14.1	+0.4	21.3	9	6.6	13	107	22	..	49	14	..
Auckland, North Shore	64	18.2	10.4	14.3	..	22.4	28	6.3	3	83	20	..	43	14	163
Auckland, Henderson N	7	19.0	10.4	14.7	+0.3	22.8	9	6.1	3	117	24	-2	48	14	..
Auckland, Sky tower	342	14.2	10.1	12.2	..	17.7	27	6.9	2	..	..	..	..	..	..
Auckland, Motat EWS	16	18.2	10.9	14.6	..	22.0	27	6.1	13	97	17	..	53	14	202
Waiheke Island, Awaro	34	18.4	12.1	15.3	..	21.5	27	7.4	3	85	14	-12	42	14	..
Whitianga Aero AWS	5	18.4	10.7	14.6	+0.7	23.6	27	3.4	3	168	20	+29	76	14	..
Whitianga EWS	1	19.3	10.4	14.9	..	25.2	27	3.3	3	160	17	..	79	14	..
Thames 2	3	18.6	10.6	14.6	+0.4	22.1	27	4.6	3	148	21	+55	74	14	158
Paeroa AWS	18	18.3	9.5	13.9	+0.0	22.8	27	2.4	3	204	19	+113	148	14	..
Matamata, Hinuera EWS	85	18.1	7.6	12.9	+0.3	23.0	27	1.4	2	59	16	..	14	10	..
Tauranga CWS	3	18.5	10.9	14.7	..	24.5	27	4.3	3	96	17	..	28	14	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	197
Tauranga Aero AWS	4	18.5	10.1	14.3	+0.2	24.6	27	3.2	3	91	16	+2	31	14	..
Te Puke EWS	91	18.2	9.2	13.7	+0.4	25.3	27	1.9	3	94	17	-48	21	14	..
Whakatane Aero AWS	7	18.6	9.0	13.8	+0.4	27.4	27	1.4	24	95	12	-4	35	15	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	229
Whakatane EWS	1	18.9	9.2	14.1	..	28.2	27	2.1	3	91	14	..	29	15	..
White Island AWS	310	14.1	9.8	12.0	..	18.6	27	6.7	2	..	..	..	..	..	..
Mamaku Radar WXT AWS	817	12.4	6.9	9.7	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	20.4	9.1	14.8	..	27.4	27	1.6	24	..	..	..	..	..	202
Rotorua EWS	288	16.8	7.6	12.2	..	22.8	27	0.0	3	122	20	..	45	15	209
Rotorua Aero AWS	283	16.2	7.6	11.9	-0.1	20.7	27	0.2	3	..	..	..	..	..	..
Galatea AWS	174	17.9	7.3	12.6	..	25.2	27	0.1	24	75	19	..	19	11	..
Taupo CWS	360	17.1	6.8	12.0	..	23.6	27	0.9	3	90	18	..	16	10	..
Tarapounamu EWS	701	13.3	5.0	9.2	..	22.5	27	-0.2	2	143	18	..	38	11	..
Taupo AWS	400	15.7	6.3	11.0	-0.1	20.6	27	-2.1	3	66	14	-20	10	5	..
Motu EWS	488	16.1	5.3	10.7	+0.5	26.3	27	-2.2	24	138	21	-69	31	15	..
Auckland, Mangere 2 E	16	17.8	11.6	14.7	..	21.4	9	8.5	3	75	17	..	36	14	188
Auckland Aero	7	17.7	11.6	14.7	+0.2	21.2	9	8.0	3	69	20	-25	24	14	..
Auckland Aero Backup	7	17.6	11.5	14.6	..	21.2	9	7.8	3	21	9	..	5	15	..
Ardmore Aero AWS	41	18.0	9.9	14.0	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	17.2	9.9	13.6	+0.1	21.4	9	4.0	3	82	16	-38	18	14	..
Firth Of Thames EWS	3	18.4	9.1	13.8	..	23.0	27	3.4	3	69	17	..	25	14	..
Whatawhata 2 EWS	118	15.7	8.1	11.9	-1.2	20.9	9	3.6	3	88	20	-61	13	10	..
Hamilton, Ruakura 2 E	45	17.7	9.0	13.4	+0.2	21.8	9	3.4	3	66	16	-25	14	10	154
Hamilton AWS	53	17.9	8.7	13.3	+0.3	22.3	9	2.6	4	56	18	-42	13	10	..
Lake Karapiro CWS	55	18.0	10.0	14.0	..	23.0	27	3.8	3	54	15	..	12	10	..
Port Taharoa AWS	27	16.5	11.1	13.8	-0.3	20.4	15	5.1	3	51	18	..	12	10	..
Waikeria EWS	37	18.0	8.0	13.0	..	22.0	27	0.4	3	62	18	..	9	10	158
Te Kuiti EWS	61	18.7	7.7	13.2	+0.2	23.9	27	1.5	3	99	18	-39	20	22	171
Pureora Forest CWS	549	13.7	5.5	9.6	..	19.4	27	-1.1	3	138	22	..	21	15	..
Taumarunui EWS	170	17.4	7.4	12.4	..	22.4	27	0.1	3	120	15	..	21	10	..
Taumarunui AWS	195	16.9	6.2	11.6	..	22.5	27	-0.8	2	..	..	..	..	..	155
Turangi 2 EWS	360	16.1	5.6	10.9	-0.4	22.1	27	-1.5	4	109	19	-38	19	5	197
New Plymouth AWS	30	16.5	9.4	13.0	+0.3	18.2	15	3.5	30	128	20	+3	40	10	210
Lower Retaruke CWS	233	16.7	7.3	12.0	..	22.4	27	0.0	3	105	23	-47	19	10	..

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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	
Mt Ruapehu, Chateau E	1097	10.7	2.0	6.4	+0.0	18.9	27	-3.0	2	273	23	-7	32	21	..
Pahiatua EWS	110	16.4	6.5	11.5	..	20.3	9	-2.3	4	155	21	..	41	22	..
Masterton Aero AWS	138	17.2	5.9	11.6	..	21.9	27	-2.0	4	..	..	..	..	..	..
Masterton EWS	90	17.4	5.4	11.4	..	22.2	27	-2.0	4	88	14	..	13	2	217
Masterton, Te Ore Ore	110	17.8	6.7	12.3	..	22.7	27	-1.2	4	116	15	+19	26	1	..
Takapau Plains AWS	330	15.4	6.1	10.8	-0.6	23.1	27	0.1	4	125	17	..	32	15	..
Dannevirke EWS	207	15.9	7.6	11.8	..	21.4	27	-0.8	4	92	17	..	23	5	145
Cape Turnagain AWS	292	13.6	8.5	11.1	..	20.2	27	4.0	3	123	19	..	28	15	..
Akitio EWS	245	14.6	7.5	11.1	..	20.8	10	1.9	4	148	16	..	44	15	218
Castlepoint AWS	120	15.8	9.3	12.6	-0.4	20.8	10	4.7	2	85	15	+3	17	15	..
Baring Head	79	14.3	8.7	11.5	..	18.1	17	2.7	4	38	10	..	10	18	..
Te Wharau, Brackenfie	292	16.0	6.0	11.0	..	20.0	..	0.7	2	154	13	..	46	15	..
Martinborough EWS	20	16.9	6.8	11.9	-0.2	21.6	26	-0.6	4	77	16	..	16	1	180
Ngawi AWS	6	16.7	10.4	13.6	-0.1	20.6	26	5.9	2	3	1	..	3	1	..
Hicks Bay AWS	46	17.5	10.5	14.0	+0.2	21.5	27	3.9	24	109	22	-4	31	15	..
Gisborne AWS	5	18.9	9.3	14.1	+0.2	26.2	27	2.4	7	107	11	+37	38	15	233
Gisborne EWS	12	20.0	9.2	14.6	..	26.4	9	2.7	24	73	14	..	30	15	..
Tolaga Bay WXT AWS	12	17.9	9.4	13.7	..	23.3	10	3.1	5	92	10	..	32	14	..
Tutira CWS	235	17.2	7.8	12.5	..	26.5	27	1.2	24	168	17	..	90	15	..
Napier Aero AWS	3	19.1	8.1	13.6	+0.0	24.3	28	1.8	24	107	15	+36	55	15	..
Napier EWS	7	19.6	8.7	14.2	..	24.6	9	2.3	4	116	17	..	60	15	220
Maraekakaho CWS	150	18.4	6.6	12.5	..	25.4	27	0.6	24	127	13	..	70	15	..
Hastings AWS	16	19.3	7.9	13.6	..	24.8	27	1.2	24	161	15	..	86	15	..
Ashcott Road CWS	212	16.9	6.2	11.6	..	25.2	27	-0.1	24	118	14	..	38	15	..
Waipawa EWS	130	18.1	6.0	12.1	..	26.9	27	-0.3	4	90	15	..	30	15	177
Wairoa, North Clyde E	15	20.1	9.3	14.7	+0.8	28.7	27	2.6	24	92	15	+3	32	15	..
Wairoa Aero AWS	13	18.4	8.1	13.3	..	26.7	27	1.3	24	101	16	..	32	15	..
Mahia Radar WXT AWS	419	14.3	8.6	11.5	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	16.5	9.9	13.2	-0.1	20.7	8	4.4	24	..	..	..	53	15	..
Cape Kidnappers WXT A	118	16.2	10.5	13.4	..	21.1	27	5.1	2	..	..	..	..	..	..
Paraparaumu Aero	5	16.1	8.4	12.3	-0.1	18.5	10	-0.4	4	121	18	+13	44	18	162
Paraparaumu Aero AWS	5	16.0	8.4	12.2	-0.2	18.4	10	-0.2	4	109	19	-7	39	18	189
Paraparaumu EWS	5	16.1	8.2	12.2	..	18.5	10	-0.6	4	114	17	+1	42	18	181
Ohakea AWS	50	15.9	8.2	12.1	..	19.3	10	1.6	3	97	19	..	24	5	..
Palmerston North AWS	40	16.4	8.1	12.3	-0.1	20.1	9	-0.4	4	93	20	+9	24	5	..
Palmerston North EWS	21	16.4	8.2	12.3	-0.2	20.0	9	-0.3	4	98	20	+4	21	5	131
Levin AWS	14	16.2	8.4	12.3	-0.2	18.9	16	0.1	4	90	15	-16	17	10	..
Levin EWS	23	15.9	8.1	12.0	..	18.7	16	-0.7	4	104	14	..	19	10	187
Mana Island AWS	100	13.7	9.0	11.4	..	16.0	10	3.7	4	82	17	..	31	18	..
Porirua, Elsdon Park	7	15.7	8.0	11.9	..	18.4	17	0.1	4	117	18	..	34	18	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	191
Wellington, Kelburn A	125	15.0	8.7	11.9	-0.1	18.7	17	3.5	4	122	17	+5	36	18	201
Wellington Aero	4	15.7	9.7	12.7	-0.2	19.1	17	3.8	4	98	14	+3	33	18	..
Wellington, Greta Poi	3	16.5	9.4	13.0	..	21.5	17	4.6	2	94	14	..	26	18	..
Wellington Aero Backu	4	15.7	9.8	12.8	..	19.2	17	4.0	4	95	14	..	33	18	..
Upper Hutt, Trentham	50	16.4	6.4	11.4	..	19.8	17	-2.8	4	126	16	..	25	18	183
Stratford EWS	280	16.4	7.3	11.9	+1.0	21.9	26	3.4	4	196	19	-22	71	10	175
Hawera AWS	98	15.4	8.6	12.0	+0.1	21.1	27	3.5	4	111	20	+1	20	1	..
Ohakune EWS	607	15.0	4.2	9.6	-0.1	22.2	27	-1.2	24	110	20	-32	19	22	..
Waiouru Treatment Pla	806	12.8	3.6	8.2	-0.2	19.5	27	-1.4	3	105	20	+5	18	22	..
Waiouru Airstrip AWS	818	12.1	3.4	7.8	..	19.1	27	-1.8	3	92	22	..	16	22	..
Waiouru EWS	803	12.6	3.8	8.2	..	19.4	27	-1.4	3	111	21	..	19	22	..
Flat Hills WXT AWS	263	15.4	7.9	11.7	..	21.6	27	2.3	3	96	20	+4	18	22	..
Wanganui, Spriggens Pa	15	16.5	8.6	12.6	-0.7	20.7	10	3.5	4	75	16	-13	21	22	..
Wanganui AWS	8	16.4	9.1	12.8	-0.2	20.1	9	4.5	4	71	17	-22	14	22	..
Wanganui 2 AWS	18	17.8	8.7	13.3	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	17.4	5.5	11.5	-0.7	22.4	26	1.1	2	175	13	-23	76	18	252
Farewell Spit AWS	3	18.3	10.0	14.2	+1.1	24.0	26	5.8	3	101	13	+3	36	18	..
Westport Aero AWS	2	14.8	7.9	11.4	-0.4	19.7	15	3.3	6	178	20	-31	38	18	..
Westport EWS	6	14.7	7.9	11.3	..	19.8	15	3.3	3	274	22	..	49	18	192
Arapito EWS	3	16.3	7.5	11.9	..	20.3	14	2.8	3	233	23	..	36	17	147
Hokitika Aero	39	14.6	7.6	11.1	+0.0	18.0	15	1.7	6	347	25	+72	104	18	179
Hokitika AWS	38	14.4	7.5	11.0	-0.1	18.1	15	1.7	6	350	26	+77	103	18	205

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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	
Hokitika EWS	39	14.6	7.4	11.0	..	18.4	15	1.4	6	322	24	..	98	18	..
Reefton EWS	198	15.9	5.5	10.7	-0.5	21.2	16	-0.8	6	194	24	-2	44	18	173
Greymouth Aero EWS	5	15.0	7.5	11.3	..	20.6	15	3.6	4	307	26	..	70	18	187
Pigeon Creek CWS	105	14.2	6.7	10.5	..	18.9	16	0.8	3	411	24	..	102	8	..
Mt Philistine EWS	1655	3.8	-1.7	1.1	..	11.2	26	-5.9	23	382	27	..	83	8	..
Mahanga EWS	1995	2.6	-3.2	-0.3	..	9.0	26	-8.2	3	267	26	..	72	18	..
Ivory Glacier CWS	1390	7.1	-1.8	2.7	..	16.1	23	-7.0	1	736	25	..	153	8	..
Franz Josef EWS	80	14.1	6.0	10.1	-0.4	19.5	15	1.6	1	480	22	..	96	9	161
Haast AWS	5	13.8	6.5	10.2	-0.1	16.6	10	1.6	1	437	21	..	93	9	..
Milford Sound AWS	3	14.6	5.8	10.2	-0.2	17.8	26	1.2	6	382	27	..	72	27	..
Milford Sound EWS	3	14.3	5.9	10.1	..	17.6	26	1.5	6	..	..	..	..	..	..
Castle Mount EWS	2000	1.8	-4.9	-1.6	..	9.5	6	-11.0	1	408	30	..	114	26	..
Secretary Island AWS	19	13.7	7.9	10.8	-0.1	..	..	2.8	1	..	..	..	..	..	..
Puysegur Point AWS	44	12.4	7.2	9.8	-0.3	18.9	26	3.1	1	318	29	+132	46	20	..
Stephens Island AWS	180	14.2	9.2	11.7	..	16.0	24	5.8	2	..	..	..	..	..	..
Motueka, Riwaka EWS	8	18.0	6.0	12.0	-0.2	24.3	27	0.0	3	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	17.0	8.4	12.7	-0.3	21.1	17	3.6	3	194	18	+2	95	18	..
Nelson Aero	2	17.1	7.4	12.3	-0.1	24.5	26	1.6	3	97	10	+10	43	10	243
Appleby 2 EWS	18	17.1	5.3	11.2	-1.0	24.3	26	-0.6	3	73	12	..	31	10	268
Richmond EWS	1	17.7	6.5	12.1	..	25.3	26	-0.3	3	82	12	..	42	10	280
Nelson AWS	4	17.0	7.6	12.3	-0.2	24.5	26	1.5	3	90	12	..	43	10	..
Blenheim Research EWS	4	18.4	7.0	12.7	-0.2	22.3	8	0.0	3	28	11	-35	10	18	251
Wairau Valley, Mill R	172	17.0	5.6	11.3	..	25.7	26	-1.9	3	70	18	..	28	18	..
Blenheim Aero AWS	35	18.2	5.7	12.0	-0.3	22.0	26	-2.3	3	43	11	-23	14	18	..
Brothers Island AWS	68	14.6	10.1	12.4	-0.1	19.0	24	6.6	3	57	12	..	23	18	..
Grassmere Salt Works	2	17.1	8.7	12.9	-0.4	22.5	8	2.8	4	47	12	+5	14	15	..
Cape Campbell AWS	2	14.7	9.3	12.0	-0.2	18.5	8	5.6	4	37	9	-5	7	15	..
Boyle River Lodge	600	15.3	3.6	9.5	+0.0	..	..	-4.0	6	281	25	+47	113	5	..
Hanmer Forest EWS	363	18.2	1.9	10.1	-0.1	26.2	26	-3.9	4	80	15	-23	15	18	..
Kaikoura, Middle Cree	5	15.9	5.2	10.6	..	27.6	27	-0.8	4	105	23	..	25	22	..
Kaikoura AWS	105	15.5	8.1	11.8	+0.1	26.6	27	3.6	2	63	15	+0	17	22	..
Arthurs Pass	745	11.1	3.1	7.1	-0.1	18.1	26	-2.5	6	371	..	-112	69	18	..
Arthurs Pass EWS	745	10.8	2.6	6.7	-0.3	18.0	26	-3.0	6	348	20	-170	66	18	..
Arthurs Pass AWS	743	10.5	2.9	6.7	..	18.2	26	-2.3	6	381	26	..	70	18	..
Culverden AWS	181	16.5	5.2	10.9	..	26.1	26	-1.6	4	78	14	..	13	24	..
Medbury CWS	232	16.9	5.1	11.0	..	25.6	26	-2.4	4	64	13	..	14	24	..
Balmoral East CWS	172	16.7	4.3	10.5	..	25.7	26	-4.0	4	65	13	..	13	24	..
Waipara North Branch	560	14.3	4.0	9.2	..	22.9	26	-1.4	6	102	17	..	16	2	..
Waiiau School CWS	136	17.9	4.9	11.4	..	26.5	26	-2.0	4	87	18	..	15	24	..
Cheviot EWS	75	17.8	6.2	12.0	..	26.8	26	..	..	..	..	..	..	..	..
Upper Rakaia EWS	1752	4.8	-2.1	1.4	..	13.1	26	-7.5	23	187	28	..	32	18	..
Mt Potts EWS	2128	1.8	-5.2	-1.7	..	10.9	26	-11.4	23	86	22	..	18	9	..
Mt Cook EWS	730	12.8	3.2	8.0	-0.6	22.7	26	-1.3	3	349	21	-67	74	9	123
Mueller Hut EWS	1818	3.8	-2.9	0.5	..	10.4	26	-8.4	23	318	25	..	109	9	..
Mt Cook Aero AWS	659	13.3	2.9	8.1	..	23.0	26	-3.8	6	219	19	..	38	9	..
Methven CWS	313	15.4	5.2	10.3	..	29.0	26	0.0	3	73	19	..	14	17	..
Winchmore 2 EWS	164	15.4	4.0	9.7	..	22.5	26	-1.6	3	63	16	..	19	22	201
Chertsey CWS	108	15.2	5.9	10.6	..	22.2	27	0.2	3	52	13	..	17	18	..
Mayfield at Ruapuna F	325	15.0	4.0	9.5	..	26.6	26	-1.5	3	100	22	..	21	17	..
Peel Forest	286	15.3	4.0	9.7	-0.5	27.0	26	-1.5	3	94	22	-8	16	18	..
Lismore, Racemans Hou	168	15.2	4.7	10.0	..	24.8	26	-0.9	3	51	15	..	15	22	..
Ashburton Aero AWS	89	15.2	4.6	9.9	..	22.4	26	-1.1	3	66	13	..	21	18	206
Wakanui 2 CWS	53	14.8	5.1	10.0	..	22.1	27	0.2	3	48	13	..	16	18	..
Waipara West EWS	130	17.1	6.1	11.6	..	23.8	9	1.2	2	77	14	..	14	22	187
West Eyreton, Larunde	88	16.1	5.2	10.7	..	22.6	27	-1.0	4	..	..	..	..	..	..
Ohoka CWS		15.8	5.3	10.6	..	23.0	27	-2.0	4	82	15	..	17	18	..
Rangiora EWS	23	16.1	5.3	10.7	-0.6	23.7	27	-2.5	4	72	15	..	17	18	202
Christchurch Aero	37	16.3	5.1	10.7	-0.7	22.6	8	-3.0	4	61	14	+12	12	18	201
Christchurch Aero Bac	37	16.2	5.2	10.7	..	22.4	8	-2.5	4	65	14	..	13	22	..
Christchurch Gardens	7	16.8	6.4	11.6	-0.6	24.5	27	0.5	4	57	11	+4	13	18	..
Christchurch, Kyle St	6	17.1	6.7	11.9	-0.1	24.0	8	0.2	4	54	14	..	12	18	..
Lincoln, Broadfield E	18	15.7	6.1	10.9	-0.6	22.3	27	0.1	4	50	12	-1	14	18	203
Sugar Loaf AWS	496	12.9	5.4	9.2	..	20.4	26	1.0	24	..	..	..	..	..	..





Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm		Hrs			
Syowa	21	-5.6	-11.6	-8.6	..	2.6	30	-16.8	3	..	..	..	..	..	
Mawson	16	-7.0	-15.0	-11.0	..	0.2	21	..	..	..	..	..	..	..	
Davis	13	-8.1	-16.6	-12.4	..	1.3	19	-24.7	2	..	..	..	..	..	
Progress	64	-8.6	-13.6	-11.1	..	0.7	26	-24.4	15	..	..	..	..	..	
Mirnyj	30	-10.6	-16.7	-13.7	..	..	..	-27.3	8	..	..	..	..	..	
Vostok	3420	-47.6	-59.1	-53.4	..	..	..	..	..	..	..	..	..	..	
Casey	41	-8.0	-16.8	-12.4	..	..	..	..	..	..	..	..	..	..	
Durmunt Durville	43	-9.3	-16.2	-12.8	..	-3.2	22	-22.8	5	..	..	..	..	..	
Mcmurdo	24	-12.5	-21.0	-16.8	..	-5.1	28	-26.8	9	..	..	..	..	..	
Ant Arrival Heights E	218	-15.6	-23.1	-19.4	..	..	..	..	..	..	..	..	..	..	
Ant Scott Base EWS	20	-15.6	-25.2	-20.4	..	-9.3	19	-34.3	10	0	0	..	0	1	
Darwin Airport	31	34.4	15.2	24.8	..	..	..	..	..	..	..	..	..	..	
Hobart Airport	4	34.4	7.2	20.8	..	..	..	..	..	..	..	..	..	..	

Late returns and corrections for September 2019

Waiheke Island, Awaro	34	..	..	..	..	19.2	4	5.5	1	145	..	+38	..	..
Auckland, Mangere 2 E	16	16.7	9.9	13.3	..	19.0	29	4.7	1	123	22	..	29	5
Auckland Aero	7	16.7	10.0	13.4	+0.4	19.7	4	5.9	1	126	22	+36	21	5
Wellington Aero	4	14.3	8.7	11.5	-0.1	17.0	29	4.8	18	69	13	-6	19	5
Taihape Rec	433	14.3	4.2	9.3	+0.2	18.2	4	-1.3	1	85	17	+9	17	5
Stephens Island	187	13.3	8.4	10.9	+0.4	15.2	2	..	..	95	11	..	38	6
Pelorus Sd, Crail Bay	13	15.4	7.3	11.4	-0.1	20.2	28	3.9	11	122	11	-36	33	23
Christchurch Aero	37	15.2	3.7	9.5	+0.1	23.5	29	-4.2	8	55	15	+14	19	14
Palmerston	21	14.2	1.8	8.0	-0.5	22.0	28	-3.0	10	29	12	-16	11	30
Murchison Mtns EWS	1140	5.0	-0.3	2.4	..	8.7	20	-5.1	9	197	20	..	61	12
Queenstown	322	14.3	4.0	9.2	+0.4	18.8	28	-1.0	7	25	8	-50	15	12
Alexandra	150	17.1	1.6	9.4	+0.1	22.9	22	-5.2	10	17	9	..	8	12
Ettrick No.2	91	14.8	1.7	8.3	-0.4	20.6	28	-4.0	10	39	10	+2	14	12
Tapanui	180	13.4	2.0	7.7	-0.5	18.2	29	-3.2	9	74	..	+10	16	25
Balclutha, Finegand	6	13.7	4.0	8.9	+0.1	18.5	28	-3.2	10	31	13	-15	6	16

Late returns and corrections for August 2019

Waiheke Island, Awaro	34	15.7	9.8	12.8	..	18.8	11	2.4	1	127	..	-10	23	20
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	172
Waiouru Treatment Pla	806	8.5	2.0	5.3	+0.4	11.4	10	-3.9	19	176	26	+81	21	2
Taihape Rec	433	11.9	3.8	7.9	+0.9	15.6	31	-2.5	20	114	25	+39	19	2
Murchison Mtns EWS	1140	3.4	-1.2	1.1	..	9.9	31	-5.2	5	248	26	..	37	7
Queenstown	322	11.0	1.9	6.5	+0.4	17.3	31	-2.2	18	45	16	-37	9	3
Ophir 2	305	12.5	-1.8	5.4	..	18.6	31	-6.3	19	18	7	..	9	2
Balclutha, Finegand	6	12.0	2.2	7.1	+0.3	17.5	28	-3.4	19	64	..	+22	13	2

Late returns and corrections for July 2019

Murchison Mtns EWS	1140	4.3	0.7	2.5	..	8.9	2	-3.9	5	212	23	..	56	13
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Late returns and corrections for June 2019

Murchison Mtns EWS	1140	4.6	-0.6	2.0	..	8.7	13	-4.2	18	117	20	..	19	5
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Late returns and corrections for May 2019

Murchison Mtns EWS	1140	8.6	3.9	6.3	..	14.4	3	-3.0	17	500	24	..	93	26
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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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