



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	18.9	13.9	16.4	+0.8	21.7	13	11.7	11	60	22	+3	36	4	..
Kaitaia Aero EWS	80	21.1	13.3	17.2	+1.4	..	..	8.5	29	63	13	-10	24	4	..
Kaitaia Aero AWS	82	21.1	13.1	17.1	..	23.0	2	8.0	23	66	18	..	23	4	..
Kaitaia EWS	85	20.9	13.2	17.1	+1.2	23.8	17	8.8	15	77	16	-5	19	4	176
Kerikeri EWS	79	22.3	11.7	17.0	+1.2	25.9	6	6.9	23	107	12	-1	41	5	..
Kerikeri Aerodrome Aw	150	22.0	12.0	17.0	+1.3	26.0	1	8.7	23	129	16	+15	48	5	..
Kaikohe AWS	204	20.2	12.0	16.1	+1.1	23.5	17	..	..	..	..	..	..	..	..
Trounson CWS	244	19.7	11.5	15.6	..	23.3	25	6.7	21	118	21	+16	42	7	..
Dargaville 2 EWS	66	20.8	12.9	16.9	+1.3	24.2	25	9.4	13	72	17	+18	19	7	198
Purerua AWS	82	20.8	12.9	16.9	..	24.1	27	..	..	..	..	..	..	..	..
Russell CWS	15	22.3	12.0	17.2	..	25.6	27	7.1	23	74	17	..	27	5	..
Whangarei Aero AWS	37	22.4	13.1	17.8	+1.3	25.6	30	9.9	13	108	15	+32	38	5	..
Whangarei EWS	12	23.0	12.2	17.6	..	26.4	30	7.7	13	96	14	..	34	5	197
Mohohinau AWS	60	19.7	15.2	17.5	+1.1	..	..	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	22.5	12.9	17.7	+1.5	25.0	16	10.2	29	83	13	+14	24	24	..
Warkworth EWS	72	21.1	11.2	16.2	+1.0	23.3	30	6.1	21	121	16	+29	51	5	..
Whangaparaoa AWS	89	21.1	13.5	17.3	+1.2	23.6	6	..	..	..	..	..	..	..	..
Tiri Tiri Lighthouse	76	20.1	13.3	16.7	+0.9	22.8	26	11.3	9	87	17	+30	29	5	..
Auckland, Whenuapai A	26	21.0	12.0	16.5	+1.1	25.3	25	7.6	20	133	17	..	44	5	..
Auckland, North Shore	64	21.7	11.7	16.7	..	24.1	16	8.0	13	165	15	..	39	5	193
Auckland, Henderson N	7	22.3	12.1	17.2	+1.0	26.4	25	8.1	23	166	17	+71	48	5	..
Auckland, Motat EWS	16	21.3	12.6	17.0	..	23.9	25	8.4	13	142	13	..	44	5	212
Whitianga Aero AWS	5	21.5	12.3	16.9	+1.1	24.4	6	6.5	20	..	..	..	..	..	..
Whitianga EWS	1	22.6	12.0	17.3	..	26.1	16	6.7	20	161	14	..	53	5	..
Thames 2	3	21.8	12.4	17.1	+1.1	25.0	25	2.5	23	85	17	+11	23	5	200
Paeroa AWS	18	21.7	11.5	16.6	+0.8	24.5	25	6.8	20	..	..	..	..	..	..
Matamata, Hinuera EWS	85	21.2	10.7	16.0	+1.5	23.2	7	4.7	20	153	17	..	26	5	..
Tauranga CWS	3	21.0	13.3	17.2	..	25.1	17	9.1	20	152	17	..	44	24	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	222
Tauranga Aero AWS	4	21.6	12.8	17.2	+1.3	24.7	17	8.0	20	106	16	+32	31	24	..
Te Puke EWS	91	21.2	11.9	16.6	+1.7	25.2	17	7.1	23	282	17	+180	102	10	..
Whakatane Aero AWS	7	21.3	12.0	16.7	+1.4	25.1	1	5.6	20	..	..	..	..	..	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	233
Whakatane EWS	1	21.1	12.2	16.7	..	24.2	1	5.6	23	193	10	..	58	10	..
Mamaku Radar WXT AWS	17	15.8	9.3	12.6	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	22.0	11.3	16.7	..	25.9	16	..	..	..	..	..	..	..	..
Rotorua EWS	288	19.8	10.4	15.1	..	23.6	17	4.8	20	186	15	..	32	25	227
Rotorua Aero AWS	283	19.4	10.3	14.9	+1.0	21.9	16	3.6	20	219	15	+125	43	10	..
Galatea AWS	174	20.7	10.9	15.8	..	26.0	17	..	..	..	..	..	..	..	..
Taupo CWS	360	20.3	9.4	14.9	..	23.9	17	2.3	23	..	..	..	..	..	..
Tarapounamu EWS	701	17.2	7.5	12.4	..	21.6	17	2.8	20	183	17	..	34	5	..
Taupo AWS	400	18.5	9.2	13.9	+0.8	21.4	17	1.4	20	128	18	+60	25	25	..
Motu EWS	488	18.9	8.8	13.9	+1.9	22.8	17	1.3	20	186	16	+12	38	5	..
Auckland, Mangere 2 E	16	20.7	13.8	17.3	..	23.0	2	9.3	23	97	13	..	32	5	212
Auckland Aero	7	21.1	14.1	17.6	+1.4	23.6	25	10.7	23	106	16	+34	28	5	..
Auckland Aero Backup	7	20.8	14.1	17.5	..	23.3	30	10.9	23	..	..	..	..	..	..
Ardmore Aero AWS	41	21.2	11.8	16.5	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	20.6	12.0	16.3	+1.2	24.1	2	7.7	23	134	14	+36	26	7	..
Firth Of Thames EWS	3	21.6	11.1	16.4	..	23.4	25	4.2	20	86	18	..	23	8	..
Whatawhata 2 EWS	118	19.8	11.1	15.5	+0.8	23.4	2	4.8	23	193	14	+62	56	5	..
Hamilton, Ruakura 2 E	45	21.1	10.9	16.0	+1.1	24.0	25	5.2	20	123	17	+40	27	7	176
Hamilton AWS	53	20.7	10.8	15.8	+1.1	23.3	7	4.5	23	166	15	+77	38	7	..
Lake Karapiro CWS	55	21.2	12.6	16.9	..	24.8	25	8.0	20	130	16	..	36	9	..
Port Taharoa AWS	27	19.7	14.0	16.9	+1.4	..	..	..	..	..	..	..	..	..	..
Waikeria EWS	37	20.6	9.9	15.3	..	23.2	16	3.1	23	187	15	..	45	25	184
Te Kuiti EWS	61	21.8	9.9	15.9	+1.1	25.0	4	2.6	23	163	17	+47	37	24	187
Pureora Forest CWS	549	16.9	8.2	12.6	..	19.7	17	1.5	20	191	19	..	44	8	..
Taumarunui EWS	170	20.6	10.4	15.5	..	24.4	4	2.6	23	164	16	..	38	8	..
Taumarunui AWS	195	20.7	9.9	15.3	..	24.8	4	..	..	..	..	..	..	..	..
Turangi 2 EWS	360	19.4	8.5	14.0	+0.7	24.4	17	2.1	20	256	16	+131	49	25	194
New Plymouth AWS	30	18.8	12.2	15.5	+1.3	22.0	4	6.9	23	287	20	+183	82	24	206
Lower Retaruke CWS	233	19.7	10.3	15.0	..	24.2	4	2.8	23	145	19	+15	36	8	..
Mt Ruapehu, Chateau E	1097	14.1	4.2	9.2	+0.8	19.0	17	-1.1	23	228	19	-8	34	26	..

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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	
Pahiatua EWS	110	19.6	9.6	14.6	..	26.5	4	1.7	20	138	18	..	46	9	..
Masterton Aero AWS	138	19.0	8.8	13.9	..	24.6	17	2.1	12	193	23	..	50	9	..
Masterton EWS	90	19.7	8.7	14.2	..	25.4	17	2.3	12	175	18	..	45	9	172
Masterton, Te Ore Ore	110	20.0	9.2	14.6	..	..	..	2.9	12	193	19	+124	54	9	..
Takapau Plains AWS	330	18.3	9.0	13.7	+0.5	24.0	4	..	..	..	..	..	..	..	..
Dannevirke EWS	207	18.6	10.0	14.3	..	25.0	4	3.5	20	154	19	..	28	9	138
Cape Turnagain AWS	292	15.9	10.7	13.3	..	..	..	..	..	..	..	..	..	..	..
Akitio EWS	245	16.4	10.2	13.3	..	24.0	4	5.6	23	265	18	..	123	9	182
Castlepoint AWS	120	17.6	11.5	14.6	+0.2	23.7	4	..	..	..	..	..	..	..	..
Baring Head	79	15.9	10.9	13.4	..	20.5	4	6.6	12	..	..	..	..	..	..
Te Wharau, Brackenfie	292	18.4	9.1	13.8	..	22.9	15	4.6	12	247	15	..	113	9	..
Martinborough EWS	20	19.3	10.2	14.8	+0.8	24.9	5	3.7	12	186	18	..	28	25	138
Ngawi AWS	6	18.5	12.3	15.4	+0.0	24.7	17	8.8	12	..	..	..	..	..	..
Hicks Bay AWS	46	19.9	13.3	16.6	+1.4	22.7	18	..	..	..	..	..	..	..	..
Gisborne AWS	5	21.8	11.7	16.8	+1.0	26.8	18	7.0	29	110	15	+47	40	10	231
Gisborne EWS	12	22.9	12.3	17.6	..	28.1	27	8.2	29	108	13	..	35	9	..
Tolaga Bay WXT AWS	12	20.2	12.4	16.3	..	27.1	27	..	..	..	..	..	..	..	..
Tutira CWS	235	19.8	10.6	15.2	..	24.6	4	4.7	20	161	18	..	47	9	..
Napier Aero AWS	3	21.3	11.4	16.4	+1.1	27.3	8	6.3	20	199	13	+143	120	9	..
Napier EWS	7	21.6	11.8	16.7	..	27.5	8	5.6	20	325	13	..	242	9	223
Maraekakaho CWS	150	21.5	10.2	15.9	..	26.2	7	5.5	12	136	12	..	44	9	..
Hastings AWS	16	22.0	11.5	16.8	..	..	..	..	..	..	..	..	..	..	..
Whakatu EWS	5	20.8	10.0	15.4	+0.9	27.0	7	5.0	20	153	13	..	54	9	..
Waipawa EWS	130	20.7	9.5	15.1	..	25.7	17	3.3	20	126	16	..	51	9	165
Wairoa, North Clyde E	15	23.1	12.6	17.9	+2.2	28.5	27	7.6	20	164	16	+89	43	8	..
Wairoa Aero AWS	13	21.1	11.2	16.2	..	26.6	27	..	..	..	..	..	..	..	..
Mahia Radar WXT AWS	419	17.6	11.0	14.3	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	19.0	12.4	15.7	+0.8	25.0	8	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	118	18.1	13.3	15.7	..	23.2	27	..	..	..	..	..	..	..	..
Paraparaumu Aero	5	17.9	11.2	14.6	+0.7	22.3	4	5.2	20	193	20	+114	50	28	143
Paraparaumu Aero AWS	5	18.1	11.8	15.0	+1.1	22.2	4	5.9	20	174	18	+94	38	28	157
Paraparaumu EWS	5	18.2	11.8	15.0	..	22.3	4	5.9	20	189	19	+119	39	28	146
Ohakea AWS	50	18.9	11.2	15.1	..	24.4	4	4.5	23	133	19	..	40	25	..
Palmerston North AWS	40	19.4	10.7	15.1	+1.0	25.2	4	3.3	20	111	21	+36	32	25	..
Palmerston North EWS	21	19.5	10.8	15.2	+1.0	25.2	4	2.2	23	107	16	+28	29	25	97
Levin AWS	14	19.2	11.6	15.4	+1.4	24.4	4	3.3	23	..	..	..	..	..	..
Levin EWS	23	18.8	11.0	14.9	..	23.9	4	2.1	23	137	20	..	33	28	168
Mana Island AWS	100	15.6	11.3	13.5	..	19.0	4	..	..	..	..	..	..	..	..
Porirua, Elsdon Park	7	17.8	11.4	14.6	..	..	..	..	..	..	..	..	..	..	..
Wellington, Kelburn A	125	16.3	11.0	13.7	+0.3	20.9	4	6.6	12	247	20	+149	42	30	133
Wellington Aero	4	17.4	12.1	14.8	+0.3	21.7	4	7.4	12	195	19	+120	35	30	..
Wellington, Greta Poi	3	17.8	11.9	14.9	..	..	..	7.7	12	204	17	..	40	30	..
Wellington Aero Backu	4	17.3	12.2	14.8	..	21.7	4	7.5	12	194	19	..	35	30	..
Upper Hutt, Trentham	50	17.8	10.8	14.3	..	23.0	4	2.7	12	200	20	..	39	9	139
Stratford EWS	280	17.9	8.9	13.4	+0.9	21.7	4	5.0	23	322	19	+170	73	25	134
Hawera AWS	98	17.7	11.1	14.4	+1.3	22.0	4	..	..	..	..	..	49	24	..
Ohakune EWS	607	18.7	7.3	13.0	+1.4	23.7	4	1.1	12	116	17	-8	32	9	..
Waiouru Treatment Pla	806	16.2	6.1	11.2	+1.0	20.5	16	-1.1	24	118	20	+39	35	9	..
Waiouru Airstrip AWS	818	15.1	5.9	10.5	..	19.0	4	..	..	..	..	..	..	..	..
Waiouru EWS	803	15.7	6.2	11.0	..	20.0	17	-1.2	23	..	..	..	40	9	..
Flat Hills WXT AWS	263	18.3	10.3	14.3	..	25.0	4	..	..	..	..	..	..	..	..
Wanganui,Spriggens Pa	15	19.4	11.9	15.7	+0.8	25.4	4	5.9	23	162	18	+87	28	24	..
Wanganui AWS	8	18.9	11.9	15.4	+0.9	24.6	4	6.1	23	141	17	+68	29	24	..
Wanganui 2 AWS	18	20.2	11.7	16.0	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	20.5	10.1	15.3	+1.3	26.7	15	6.2	28	345	18	+186	69	3	176
Farewell Spit AWS	3	20.7	12.3	16.5	+1.8	25.5	29	..	..	..	..	..	..	..	..
Westport Aero AWS	2	18.0	11.0	14.5	+1.3	22.5	26	6.4	28	243	17	+75	57	28	..
Westport EWS	6	18.1	11.5	14.8	..	22.3	26	6.1	28	224	15	..	56	28	..
Arapito EWS	3	19.2	11.0	15.1	..	..	..	6.2	28	219	19	..	53	28	..
Hokitika Aero	39	17.8	10.1	14.0	+1.4	24.5	25	3.8	9	206	17	-19	46	3	188
Hokitika AWS	38	17.7	9.9	13.8	+1.2	24.4	25	3.7	9	208	18	+11	46	3	218
Hokitika EWS	39	17.9	9.8	13.9	..	24.7	25	3.7	9	190	14	..	44	3	..
Reefton EWS	198	20.0	8.6	14.3	+0.9	26.5	26	2.4	9	142	19	-20	33	7	185

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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	
Greymouth Aero EWS	5	18.2	10.6	14.4	..	22.7	25	6.6	28	202	16	..	51	7	190
Pigeon Creek CWS	105	17.8	10.0	13.9	..	23.4	26	4.9	22	..	..	..	..	..	..
Mt Philistine EWS	1655	7.8	1.5	4.7	..	13.6	26	-2.9	9	426	25	..	115	4	..
Mahanga EWS	1995	6.3	-0.4	3.0	..	12.0	13	-6.1	9	222	19	..	40	3	..
Ivory Glacier CWS	1390	8.7	2.3	5.5	..	14.6	26	-1.1	8	630	20	..	189	4	..
Franz Josef EWS	80	18.0	9.0	13.5	+1.9	24.2	25	4.1	9	185	11	..	77	4	184
Milford Sound AWS	3	18.3	9.0	13.7	+1.5	23.0	25	4.5	28	324	17	..	101	4	..
Milford Sound EWS	3	17.9	9.2	13.6	..	22.3	25	4.7	28	308	15	..	92	4	..
Castle Mount EWS	2000	6.0	-1.0	2.5	..	11.7	26	-7.1	2	..	..	..	..	..	..
Secretary Island AWS	19	..	9.7	..	..	..	..	..	..	..	..	..	..	..	..
Puysegur Point AWS	44	14.7	9.5	12.1	+1.0	..	..	6.4	8	..	..	..	..	..	..
Stephens Island AWS	180	15.3	11.1	13.2	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	20.5	11.3	15.9	+1.7	26.9	27	5.9	28	276	17	+177	84	7	..
Pelorus Sd, Crail Bay	13	18.7	11.1	14.9	+0.3	22.7	..	7.1	..	254	..	+103	..	..	..
Nelson Aero	2	18.9	11.4	15.2	+0.9	25.1	27	6.0	9	212	19	+134	40	7	166
Appleby 2 EWS	18	19.0	10.0	14.5	+0.5	25.1	27	4.0	28	192	14	..	40	7	44
Richmond EWS	1	18.9	10.8	14.9	..	25.4	27	5.0	9	265	17	..	62	18	183
Nelson AWS	4	18.8	11.5	15.2	+0.6	25.0	27	6.1	9	208	19	..	37	30	..
Blenheim Research EWS	4	19.9	10.5	15.2	+0.5	27.8	27	5.8	28	82	17	+31	19	7	180
Wairau Valley, Mill R	172	18.9	9.4	14.2	..	..	..	4.0	28	147	20	..	49	7	..
Blenheim Aero AWS	35	20.0	9.8	14.9	+0.6	27.8	27	3.9	11	..	..	..	..	..	..
Brothers Island AWS	68	15.5	12.0	13.8	+0.0	18.5	4	..	..	..	..	..	..	..	..
Grassmere Salt Works	2	19.0	12.3	15.7	+0.6	25.2	17	7.1	20	79	16	+31	20	7	..
Cape Campbell AWS	2	15.8	11.6	13.7	+0.0	19.8	21	..	..	..	..	..	..	..	..
Hanmer Forest EWS	363	20.1	6.2	13.2	+1.1	28.5	13	-0.2	9	131	18	+37	41	7	..
Kaikoura, Middle Cree	5	17.8	8.1	13.0	..	..	..	1.8	12	133	18	..	39	25	..
Kaikoura AWS	105	16.9	10.3	13.6	+0.3	25.0	5	6.6	9	105	13	+46	44	25	..
Arthurs Pass	745	15.0	6.3	10.7	+1.3	21.7	26	0.5	9	278	18	-146	60	4	..
Arthurs Pass EWS	745	14.7	5.8	10.3	+0.8	21.5	26	0.2	9	263	17	-128	55	4	..
Arthurs Pass AWS	743	14.3	6.2	10.3	..	21.0	26	..	..	..	..	..	..	..	..
Culverden AWS	181	18.6	8.7	13.7	..	28.1	13	..	..	..	..	..	..	..	..
Medbury CWS	232	19.3	8.2	13.8	..	..	..	2.7	24	77	15	..	26	7	..
Balmoral East CWS	172	18.6	7.6	13.1	..	..	..	2.2	9	..	..	..	..	..	..
Waipara North Branch	560	17.0	7.7	12.4	..	24.2	13	0.5	9	113	19	..	36	7	..
Waiiau School CWS	136	20.0	8.7	14.4	..	29.9	13	2.0	9	101	17	..	30	7	..
Cheviot EWS	75	20.0	8.5	14.3	..	29.4	13	1.9	12	62	14	..	15	30	..
Upper Rakaia EWS	1752	7.2	0.5	3.9	..	13.8	13	-5.7	9	194	25	..	32	17	..
Mt Potts EWS	2128	6.0	-1.5	2.3	..	13.2	13	-9.2	9	301	24	..	118	17	..
Mt Cook EWS	730	17.0	6.5	11.8	+0.9	25.1	12	0.4	28	280	18	-87	69	4	169
Mt Cook Aero AWS	659	17.5	6.4	12.0	..	25.2	13	..	..	..	..	..	..	..	..
Methven, Three Spring	305	18.4	7.9	13.2	..	..	..	1.6	9	..	..	..	..	..	..
Methven CWS	313	18.5	8.4	13.5	..	..	..	2.7	8	..	..	..	..	..	..
Winchmore 2 EWS	164	19.0	7.6	13.3	..	27.6	17	2.4	24	92	9	..	45	7	181
Chertsey CWS	108	19.0	8.6	13.8	..	..	..	..	..	80	9	..	41	7	..
Mayfield at Ruapuna F	325	18.4	7.9	13.2	..	..	..	1.3	9	..	..	..	..	..	..
Peel Forest	286	18.1	7.2	12.7	+0.8	26.0	5	1.3	9	129	18	+31	46	7	..
Lismore, Racemans Hou	168	18.6	8.6	13.6	..	..	..	1.7	9	..	..	..	..	..	..
Ashburton Aero AWS	89	18.8	7.5	13.2	..	27.5	4	..	..	..	..	..	..	..	..
Wakanui 2 CWS	53	18.1	8.0	13.1	..	26.4	17	2.0	9	81	8	..	43	7	..
Waipara West EWS	130	19.3	9.0	14.2	..	27.5	13	3.3	9	87	16	..	32	7	161
West Eyreton, Larunde	88	18.4	8.6	13.5	..	26.8	5	3.2	9	..	..	..	..	..	..
Ohoka CWS	..	18.4	8.4	13.4	..	27.4	5	2.8	12	86	11	..	47	7	..
Rangiora EWS	23	19.0	8.6	13.8	+0.7	28.9	5	3.4	24	65	10	..	42	7	180
Christchurch Aero	37	19.3	8.8	14.1	+0.6	28.3	5	2.6	12	72	14	+26	38	7	181
Christchurch Aero Bac	37	19.3	8.7	14.0	..	28.2	5	2.6	12	63	13	..	32	7	..
Christchurch Gardens	7	20.2	9.6	14.9	+0.8	28.8	5	3.5	9	58	10	+12	29	7	..
Christchurch, Kyle St	6	20.0	10.0	15.0	+0.9	29.8	5	3.8	9	57	10	..	28	7	..
Bromley EWS	3	18.8	10.6	14.7	..	28.2	5	5.2	12	41	10	..	24	7	186
Lincoln, Broadfield E	18	18.9	9.1	14.0	+0.7	28.4	5	2.7	24	68	12	+19	39	7	178
Sugar Loaf AWS	496	16.3	8.0	12.2	..	23.9	13	..	..	..	..	..	..	..	..
Diamond Harbour EWS	122	17.8	9.7	13.8	..	26.6	5	4.2	9	60	12	..	26	7	190
Dorie CWS @ Leferinks	55	18.5	8.3	13.4	..	27.4	14	3.2	9	98	9	..	50	7	..
Akaroa EWS	45	19.0	9.7	14.4	+0.4	27.4	5	5.4	24	102	16	+32	52	7	181

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	
Le Bons Bay AWS	236	15.7	9.1	12.4	+0.4	..	..	..	..	..	..	..	..	..	..
Lake Tekapo, Air Safa	762	17.9	5.3	11.6	+0.4	26.1	13	-1.5	28	51	9	+10	22	30	..
Lake Tekapo EWS	762	18.2	5.2	11.7	+0.6	26.5	13	-1.7	28	52	8	..	21	30	243
Fairlie AWS	403	17.0	7.9	12.5	..	25.5	13	..	..	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	20.5	5.4	13.0	..	27.9	13	-2.4	28	49	11	..	26	7	..
Hakataramea Valley Cw	355	19.8	7.1	13.5	..	..	..	0.7	28	43	6	..	15	27	..
Orari Estate	81	19.0	7.9	13.5	+0.7	28.5	14	2.3	9	103	11	+49	29	7	..
Orari Estate CWS	81	18.6	8.2	13.4	..	27.8	14	3.0	9	97	12	..	28	7	..
Timaru Aero AWS	26	18.5	7.7	13.1	+0.8	28.0	14	1.5	28	58	12	+8	23	27	..
Timaru EWS	17	17.8	9.6	13.7	+0.9	27.7	14	3.4	28	72	14	+25	21	27	..
Waimate CWS	39	18.1	8.8	13.5	..	27.5	5	2.8	9	44	9	..	18	27	..
Oamaru Airport AWS	30	17.3	8.3	12.8	+0.8	27.2	5	1.5	28	38	13	-4	16	7	..
Albert Burn	1280	12.2	3.1	7.7	..	20.1	12	-3.1	28	143	18	..	27	17	..
Eglinton, Knobs Flat	365	18.6	5.8	12.2	..	24.1	26	-1.1	28	69	16	..	13	29	..
Tara Hills AWS	488	19.9	6.0	13.0	+0.8	26.3	13	..	..	..	..	..	..	..	..
Wanaka CWS	331	20.2	8.4	14.3	..	..	..	1.5	28	16	11	..	5	29	..
Wanaka Aero AWS	352	21.0	8.0	14.5	+1.5	26.4	26	-0.5	28	17	9	-18	7	29	..
Windsor EWS	81	19.1	6.8	13.0	+0.7	27.8	5	0.3	28	34	9	-3	14	30	..
Ranfurly EWS	450	19.5	5.1	12.3	+1.0	27.2	13	-0.7	28	34	13	-2	10	7	..
Oamaru AWS	40	18.0	8.5	13.3	+0.8	28.1	5	..	..	45	11	..	13	30	..
Palmerston	21	18.7	7.6	13.2	+1.3	27.8	14	1.3	24	38	12	-5	7	7	173
Middlemarch EWS	213	20.7	5.2	13.0	+0.9	28.8	13	-1.0	28	48	14	..	10	29	..
Swampy Summit AWS	722	13.6	4.8	9.2	..	23.1	13	-0.1	28	..	..	..	..	..	..
Dunedin Aero AWS	1	18.8	6.9	12.9	+0.8	25.3	17	1.3	28	67	16	+17	32	5	..
Dunedin, Musselburgh	4	17.4	9.5	13.5	+1.1	25.5	17	5.0	1	44	15	-12	12	5	223
Oamaru EWS	20	17.6	8.2	12.9	..	27.7	5	1.5	28	32	9	..	12	30	232
Murchison Mtns EWS	1140	11.1	2.9	7.0	..	16.9	12	-1.5	8	113	18	..	22	17	..
Takahe Valley CWS	895	13.9	3.5	8.7	..	18.7	4	-1.7	28	71	16	..	17	29	..
Te Anau At Park HQ Cw	204	18.2	7.3	12.8	..	26.5	25	0.5	28	..	..	..	..	..	..
Manapouri, West Arm J	178	17.3	7.6	12.5	+1.8	22.8	25	3.1	28	138	15	..	19	20	..
Manapouri Aero AWS	209	18.4	6.1	12.3	+1.3	..	..	-0.8	28	..	..	..	..	..	..
Birchwood WXT AWS	147	16.8	7.9	12.4	..	23.6	4	..	..	..	..	..	..	..	..
Queenstown	322	20.2	8.2	14.2	+1.0	25.3	13	3.2	28	29	10	-45	13	29	234
Queenstown EWS	322	20.2	8.2	14.2	..	25.4	13	3.1	28	29	14	..	11	29	..
Queenstown Aero AWS	354	19.2	6.7	13.0	+1.1	24.5	13	0.6	28	34	11	-34	14	29	256
Five Rivers CWS	260	17.6	7.0	12.3	..	25.0	4	0.7	28	58	16	..	11	29	..
Lumsden AWS	187	17.7	6.6	12.2	+0.8	24.6	4	..	..	..	..	..	..	..	..
Waipounamu CWS	152	18.2	6.7	12.5	..	25.8	4	2.2	23	75	16	..	14	15	..
Cromwell EWS	213	22.0	7.9	15.0	+1.3	28.0	13	1.1	28	21	8	..	11	29	263
Lauder EWS	375	20.4	6.1	13.3	+1.2	26.6	13	-1.8	28	39	10	-2	12	7	..
Ophir 2	305	20.8	4.3	12.6	..	..	..	-3.3	28	39	8	..	13	30	..
Alexandra	150	22.9	7.6	15.3	+1.1	29.6	4	0.9	28	41	12	..	14	29	..
Alexandra CWS	140	21.9	8.1	15.0	..	29.5	13	1.7	28	37	13	..	11	5	..
Alexandra AWS	230	20.8	6.7	13.8	..	28.6	13	..	..	..	..	..	..	..	..
Alexandra EWS	132	21.4	7.2	14.3	..	29.5	13	1.1	28	29	10	..	11	29	254
Roxburgh WXT AWS	160	19.1	8.5	13.8	..	..	..	..	..	..	..	..	..	..	..
Gore AWS	123	17.6	7.5	12.6	+1.2	25.9	13	..	..	..	..	..	..	..	..
Gore EWS	60	17.9	6.8	12.4	..	25.6	13	2.2	28	54	16	..	11	15	202
Invercargill Aero	1	16.9	7.5	12.2	+0.8	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	1	17.3	7.4	12.4	+1.0	24.0	13	2.6	28	46	18	..	13	15	..
Invercargill Aero 2 E		16.9	6.9	11.9	..	24.2	13	1.6	28	39	18	..	12	15	216
Tiwai Point EWS	5	15.8	8.6	12.2	+0.4	21.9	17	2.9	3	31	14	-56	10	15	..
Balclutha, Finegand	6	18.2	7.1	12.7	+0.5	25.7	4	-3.2	28	51	12	+0	8	21	..
Balclutha, Telford Ew	11	18.1	7.1	12.6	..	25.4	17	2.2	11	38	14	..	9	21	169
Nugget Point AWS	129	15.6	8.7	12.2	+1.0	24.9	17	..	..	..	..	..	..	..	..
Tautuku	25	17.7	7.9	12.8	+1.5	27.5	26	3.5	28	48	9	-63	23	21	..
Kiribati, Cassidy Chri	3	30.1	23.8	27.0	..	..	..	19.9	12	..	..	..	..	..	..
Solomon, Taro Is	3	31.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.2	..	..	..	..	23.2	7	..	..	..	..	..	..
Solomon, Honiara	56	32.2	24.1	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.0	23.0	27.5	..	..	..	21.5	30	..	..	..	..	..	..
Solomon, Santa Cruz	24	31.8	24.3	28.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Sola	13	..	24.4	..	..	..	..	..	..	801	24	..	139	28	..

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	
Vanuatu,Pekoa	56	..	23.2	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.1	21.1	25.6	..	..	..	17.5	19	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	20.4	..	..	..	..	17.5	30	..	..	..	..	..	..
Vanuatu,Aneityum	6	..	21.8	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	29.6	21.0	25.3	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	28.7	22.9	25.8	..	30.3	6	20.2	5	..	..	..	..	..	..
New Cal, Ouanaham	29	28.3	21.1	24.7	..	31.2	7	16.3	29	..	..	..	..	..	..
New Cal, La Roche	42	28.3	17.4	22.9	..	31.1	7	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	30.8	19.1	25.0	..	34.3	1	15.8	30	..	..	..	..	..	..
New Cal, Nouma	72	28.9	21.0	25.0	..	32.2	2	18.8	30	..	..	..	..	..	..
New Cal, Moue	97	27.0	19.9	23.5	..	29.0	26	16.4	29	..	..	..	..	..	..
Kiribati,Butaritari	2	31.6	25.9	28.8	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	26.3	..	..	..	..	24.2	29	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.0	26.2	28.6	..	31.6	3	24.8	29	..	..	..	..	..	..
Kiribati,Beru	2	..	26.0	..	..	..	..	23.7	12	..	..	..	..	..	..
Kiribati,Arorae	7	32.3	26.1	29.2	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.6	26.9	29.8	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.5	..	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.8	23.4	27.1	..	..	..	20.0	30	..	..	..	..	..	..
Fiji, Nadi EWS	15	31.6	23.6	27.6	..	..	..	20.7	30	132	12	..	48	27	..
Fiji,Nausori Aero	6	30.0	22.7	26.4	..	32.0	14	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.5	24.8	27.7	..	31.9	12	22.6	24	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.0	24.8	27.9	..	32.0	15	22.7	23	167	19	..	51	15	..
Samoa,Faleolo	4	30.8	23.7	27.3	..	33.5	1	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.8	23.9	26.9	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.3	25.2	27.8	..	..	..	21.4	22	412	24	..	58	10	..
Tonga, Queen Lavinia	60	29.8	24.0	26.9	..	..	..	22.8	3	..	..	..	..	..	..
Tonga,Keppel	2	29.9	24.6	27.3	..	31.8	30	21.8	3	..	..	..	..	..	..
Tonga, Lupepauu	67	28.1	23.2	25.7	..	29.2	16	18.2	8	..	..	..	..	..	..
Salote Pilolevu Airpo	2	28.1	23.7	25.9	..	30.4	29	21.8	29	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	28.0	21.9	25.0	..	29.9	29	18.4	25	..	..	..	..	..	..
Niue, Hanan Airport O	59	..	22.1	..	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	27.6	22.9	25.3	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	24.5	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	30.4	22.8	26.6	..	32.7	19	21.6	8	22	13	..	5	1	..
Society Is, Mopelia		30.1	24.5	27.3	..	..	..	..	..	..	..	..	..	..	..
Tahiti - Faaa	1	29.8	23.8	26.8	..	31.1	18	21.8	9	227	16	..	51	25	..
Tuamotu, Takaroa	2	30.1	24.4	27.3	..	32.2	3	22.3	12	..	..	..	..	..	..
Tuamotu, Hao	3	29.0	24.3	26.7	..	30.2	2	22.4	19	..	..	..	..	..	..
Gambier, Rikitea	91	25.7	21.0	23.4	..	..	..	19.2	19	156	18	..	51	18	..
Rapa	1	22.3	18.6	20.5	..	25.5	30	14.1	15	73	14	..	50	12	..
Raoul Island AWS	49	23.3	17.8	20.6	..	26.2	18	14.7	24	113	16	..	36	28	197
Campbell Island AWS	19	10.0	5.6	7.8	+0.6	..	..	0.3	28	..	..	..	..	..	..
Chatham Island Aero A	12	17.7	11.2	14.5	..	..	..	..	..	..	..	..	..	..	..
Georg Von Neumayer	40	-6.1	-13.7	-9.9	..	-1.9	30	-24.5	2	..	..	..	..	..	..
Ant South Pole	2827	-31.2	-35.4	-33.3	..	-24.0	15	-48.9	1	..	..	..	..	..	..
Gen Belgrano 2	256	..	-9.8	..	..	..	..	-17.1	1	..	..	..	..	..	..
Bellingshausen	16	0.6	-1.5	-0.5	..	2.4	24	-3.8	2	..	..	..	..	..	..
Base Jubany	4	2.6	-2.1	0.3	..	4.8	2	-4.8	2	..	..	..	..	..	..
V C Marambio	198	3.3	-3.0	0.2	..	10.8	1	-7.4	1	..	..	..	..	..	..
Eduardo Frei	10	0.5	-1.5	-0.5	..	2.0	27	-3.9	2	..	..	..	..	..	..
Arturo Prat		2.0	-1.3	0.4	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	2.9	-1.2	0.9	..	6.7	25	-3.2	2	..	..	..	..	..	..
Bernado Ohiggins	10	0.9	-1.7	-0.4	..	5.0	24	..	..	..	..	..	..	..	..
Palmer Station	8	1.6	-1.4	0.1	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	0.6	-2.6	-1.0	..	3.2	2	-4.7	1	..	..	..	..	..	..
Argentine Is, Faraday	11	1.5	-2.5	-0.5	..	5.7	2	-6.9	1	..	..	..	..	..	..
Gen San Martin	4	2.8	-4.1	-0.7	..	9.5	2	-8.5	1	..	..	..	..	..	..
Novolax Arevskaja	99	-2.6	-8.0	-5.3	..	3.0	17	-15.7	3	..	..	..	..	..	..
Maitri		-1.8	-8.1	-5.0	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-2.4	-8.6	-5.5	..	3.2	18	-14.5	7	..	..	..	..	..	..
Mawson	16	-1.5	-8.3	-4.9	..	4.9	14	-16.6	2	..	..	..	..	..	..
Davis	13	-1.0	-6.7	-3.9	..	..	..	-14.4	3	..	..	..	..	..	..

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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	-1.6	-6.6	-4.1	..	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-2.9	-9.6	-6.3	..	2.7	21	-17.7	7	..	..	..	..	..	..
Vostok	3420	-33.3	-44.6	-39.0	..	-23.9	29	-59.1	2	..	..	..	..	..	..
Casey	41	-2.3	-9.2	-5.8	..	..	..	-16.6	9	..	..	..	..	..	..
Durmont Durville	43	-3.4	-9.9	-6.7	..	2.3	29	-18.4	7	..	..	..	..	..	..
Mcmurdo	24	-5.9	-13.4	-9.7	..	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-7.4	-15.1	-11.3	..	..	..	-24.2	6	..	..	..	..	..	..
Ant Scott Base EWS	20	-7.2	-16.5	-11.9	..	-1.1	16	-28.2	4	..	..	..	..	..	..
Darwin Airport	31	35.0	17.7	26.4	..	37.0	17	14.7	24	..	..	..	..	..	..
Hobart Airport	4	35.0	11.3	23.2	..	37.0	17	4.2	8	..	..	..	..	..	..
Late returns and corrections for October 2020															
Tiri Tiri Lighthouse	76	17.9	11.7	14.8	+0.6	21.8	20	8.0	16	46	10	-34	27	13	..
Waiheke Island, Awaro	34	20.0	11.8	15.9	..	23.0	26	..	..	53	5	-44	27	13	..
Auckland Aero	7	19.7	12.0	15.9	+1.4	23.3	31	5.5	1	..	..	..	..	..	..
Whakatu EWS	5	19.6	8.0	13.8	+1.1	27.3	6	..	..	50	8	..	18	15	..
Palmerston North EWS	21	18.0	9.5	13.8	+1.3	22.2	25	1.7	1	63	9	-32	31	12	148
Wellington Aero	4	16.5	11.0	13.8	+0.9	19.9	26	2.6	16	76	15	-19	22	26	..
Franz Josef EWS	80	15.3	7.8	11.6	+1.1	..	..	..	..	759	21	..	134	25	..
Castle Mount EWS	2000	3.3	-2.8	0.3	..	8.2	25	-10.8	15	..	..	..	..	..	..
Christchurch Aero	37	19.0	6.8	12.9	+1.5	29.1	25	0.3	16	29	12	-20	18	26	216
Windsor EWS	81	17.1	5.0	11.1	+0.9	27.8	25	-3.4	16	23	8	-22	7	25	..
Ophir 2	305	18.4	3.6	11.0	..	24.2	25	-5.0	15	50	9	..	17	25	..
Clyde 2 EWS	170	19.4	4.6	12.0	..	28.0	25	-2.8	1	32	11	..	18	25	..
Balclutha, Finegand	6	16.4	3.6	10.0	-0.5	27.5	4	-4.5	10	61	..	+0	12	3	..
Tautuku	25	17.9	5.5	11.7	+1.8	28.5	25	-1.5	9	119	12	+8	49	3	..
Late returns and corrections for September 2020															
Waiouru Treatment Pla	806	10.9	2.4	6.7	+0.0	15.9	26	-3.2	4	142	19	+50	21	6	..
Taihape Rec	433	14.1	4.1	9.1	+0.0	18.0	26	-3.2	4	126	21	+50	16	18	..
Castle Mount EWS	2000	0.9	-5.8	-2.5	..	7.1	7	-13.2	29	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	15.3	7.6	11.5	+0.0	18.0	..	2.8	30	165	..	+7	39	26	..
Arthurs Pass	745	9.1	2.1	5.6	+0.1	13.8	5	..	..	649	21	+220	84	14	..
Christchurch Gardens	7	17.5	4.4	11.0	+0.8	26.0	23	-2.5	30	27	7	-14	10	10	..
Otaio @ Springbank ro	14	15.2	3.4	9.3	..	21.1	14	-0.6	12	27	8	..	11	17	..
Balclutha, Finegand	6	14.2	1.7	8.0	-0.8	23.6	25	..	..	67	..	+21	19	13	..
Late returns and corrections for August 2020															
Otaio @ Springbank ro	14	13.2	4.2	8.7	..	24.7	30	-1.8	15	22	4	..	12	31	..
Cromwell EWS	213	13.3	0.2	6.8	+1.2	20.3	30	-6.0	17	22	6	..	19	31	185
Late returns and corrections for July 2020															
Otaio @ Springbank ro	14	11.3	1.8	6.6	..	16.7	21	-1.4	24	11	6	..	7	6	..
Cromwell EWS	213	7.7	-1.8	3.0	-0.2	14.0	30	-6.4	18	27	6	..	11	6	100
Late returns and corrections for June 2020															
Otaio @ Springbank ro	14	11.9	2.2	7.1	..	19.3	16	-3.2	15	26	10	..	9	28	..
Cromwell EWS	213	8.7	-1.2	3.8	-0.3	17.9	3	-7.3	13	46	7	..	23	17	91
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	..
Cromwell EWS	213	12.8	1.9	7.4	+0.2	20.1	2	-4.1	21	3	4	..	2	2	107
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	..
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	..

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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