

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Cape Reinga AWS	214	15.5	11.5	13.5	+0.9	..	..	9.7	19	86	23	-9	31	8	..
Kaitaia Aero EWS	80	17.2	10.6	13.9	+1.8	19.3	26	5.5	1	152	22	+48	34	8	..
Kaitaia Observatory	85	17.2	9.8	13.5	..	19.0	25	5.2	23	169	20	+25	33	8	137
Kaitaia EWS	85	16.6	9.9	13.3	+1.1	18.8	25	5.3	23	166	22	+53	36	8	148
Kerikeri EWS	79	17.4	8.0	12.7	+1.0	20.2	12	2.9	1	176	19	-7	44	2	..
Kerikeri Aerodrome Aw	150	16.6	8.1	12.4	+1.1	19.5	28	4.2	15	196	26	+14	37	2	..
Kaikohe AWS	204	15.4	9.0	12.2	+1.0	17.7	28	5.2	23	175	28	+16	40	2	..
Dargaville 2 EWS	66	16.6	9.7	13.2	+1.7	19.1	18	2.2	1	119	19	+1	18	27	163
Purerua AWS	82	16.3	10.3	13.3	..	19.2	12	6.5	23	124	20	..	33	2	..
Russell CWS	15	17.4	8.3	12.9	..	19.5	12	2.7	1	165	28	..	38	2	..
Whangarei Aero AWS	37	17.1	9.2	13.2	+1.2	19.9	12	4.6	1	151	21	+25	40	2	..
Whangarei EWS	12	17.5	7.7	12.6	..	20.3	12	2.0	23	154	21	..	43	2	145
Mokohinau AWS	60	15.8	12.4	14.1	+1.1	17.6	12	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	17.0	11.0	14.0	+1.3	19.6	26	8.4	1	130	21	+10	39	29	..
Warkworth EWS	72	15.8	7.6	11.7	+0.8	18.0	29	1.6	23	134	23	-18	28	29	..
Whangaparaoa AWS	89	15.9	10.6	13.3	+1.4	18.6	31	7.7	1	88	18	-3	13	30	..
Tiri Tiri Lighthouse	76	15.7	10.9	13.3	+1.4	17.9	12	7.6	1	76	21	-24	9	19	..
Auckland, Whenuapai A	26	16.3	7.9	12.1	+1.1	18.9	7	1.2	23	..	..	..	..	..	..
Auckland, North Shore	64	16.3	9.2	12.8	..	19.2	7	2.7	23	106	18	..	13	30	162
Auckland, Henderson N	7	17.5	7.0	12.3	+1.2	19.9	7	0.4	23	143	23	-14	16	30	..
Auckland, Motat EWS	16	16.9	8.4	12.7	..	19.5	7	1.7	23	120	20	..	23	30	174
Waiheke Island, Awaro	34	16.9	10.2	13.6	..	18.6	28	4.2	5	101	16	-36	24	30	..
Whitianga Aero AWS	5	16.0	7.2	11.6	+0.8	18.6	29	1.6	5	..	..	..	..	..	..
Whitianga EWS	1	16.8	7.0	11.9	..	20.1	31	0.6	5	241	22	..	56	28	..
Thames 2	3	16.7	8.8	12.8	+1.6	18.7	29	1.6	4	145	22	+21	27	9	127
Paeroa AWS	18	16.2	7.9	12.1	+1.5	18.1	18	0.2	4	117	19	-1	20	28	..
Holland Road, Hamilto	45	15.6	5.8	10.7	..	18.3	29	-1.3	5	..	..	..	..	..	..
Toenepi EWS	48	16.9	7.5	12.2	+2.0	19.5	18	0.4	1	..	..	..	..	..	..
Matamata, Hinuera EWS	85	15.8	6.0	10.9	+2.0	18.2	7	-0.6	1	111	21	..	21	28	..
Tauranga CWS	3	16.0	9.0	12.5	..	19.4	7	4.0	4	177	23	..	68	28	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	149
Tauranga Aero AWS	4	16.0	7.9	12.0	+1.2	18.9	12	2.9	4	159	19	+49	72	28	..
Te Puke EWS	91	16.4	7.1	11.8	+1.7	20.0	7	-0.3	30	215	19	+55	72	28	..
Whakatane Aero AWS	7	16.0	6.5	11.3	+1.6	19.2	12	0.1	4	84	17	-29	15	9	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	182
Whakatane EWS	1	15.9	6.7	11.3	..	18.5	29	0.7	1	100	13	..	24	9	..
White Island AWS	310	13.0	9.5	11.3	..	14.5	14	6.9	1	..	..	..	..	..	..
Mamaku Radar WXT AW617	10.8	6.2	8.5	..	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	16.8	6.1	11.5	..	20.7	29	-1.3	4	..	..	..	..	..	136
Rotorua EWS	288	14.1	5.6	9.9	..	17.1	29	-0.3	6	202	24	..	60	28	124
Rotorua Aero AWS	283	13.6	5.6	9.6	+1.2	16.2	29	-0.9	6	206	26	+71	76	28	..
Galatea AWS	174	14.3	4.5	9.4	..	18.2	29	-2.5	23	..	..	..	..	..	..
Tarapounamu EWS	701	10.0	4.0	7.0	..	14.3	29	-0.3	23	202	23	..	48	28	..
Taupo AWS	400	12.8	4.2	8.5	+1.3	16.4	28	-2.5	4	158	20	+71	40	28	..
Motu EWS	488	13.4	4.5	9.0	+2.5	19.2	18	-2.5	23	214	22	+6	52	9	..
Auckland, Mangere EWS	5	16.6	9.2	12.9	+1.3	19.6	7	3.0	4	116	19	+3	20	30	154
Auckland Aero	7	16.4	9.1	12.8	+1.2	18.2	28	3.1	23	117	20	+6	27	30	..
Auckland Aero Backup	7	16.3	9.0	12.7	..	18.0	7	3.0	23	131	25	..	29	30	..
Ardmore Aero AWS	41	16.6	7.8	12.2	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	16.0	8.3	12.2	+1.4	18.3	7	2.8	4	127	20	-17	18	30	..
Firth Of Thames EWS	1	16.0	7.3	11.7	..	18.0	12	-0.5	1	70	18	..	22	30	..
Hamilton, Ruakura 2 E	45	16.2	5.2	10.7	+0.9	19.0	7	-1.5	5	122	20	+12	23	9	153
Hamilton AWS	53	15.7	5.9	10.8	+1.2	18.2	7	..	..	141	22	+22	21	6	..
Lake Karapiro CWS	55	15.6	8.1	11.9	..	18.3	7	1.3	1	91	19	..	21	28	..
Port Taharoa AWS	27	15.3	9.5	12.4	+1.0	18.4	28	4.4	23	132	18	..	25	8	..
Waikeria EWS	37	15.6	5.8	10.7	..	18.3	12	-1.4	4	147	19	..	26	9	146
Te Kuiti EWS	62	15.8	5.8	10.8	+1.2	19.7	28	-1.7	4	..	..	..	..	..	131
Pureora Forest CWS	549	11.3	3.6	7.5	..	14.1	28	-2.7	25	197	22	..	33	14	..
Taumarunui EWS	170	14.6	4.8	9.7	..	18.2	28	-1.0	4	166	24	..	26	8	..
Taumarunui AWS	195	14.6	4.4	9.5	..	18.0	28	-2.5	4	167	28	..	18	8	117
Turangi 2 EWS	350	12.7	3.3	8.0	+0.7	16.4	28	-5.1	4	212	22	+60	30	1	115
New Plymouth AWS	30	14.4	8.1	11.3	+1.1	16.3	28	2.1	23	217	22	+90	46	19	169
Lower Retaruke CWS	233	14.0	4.7	9.4	..	18.0	28	-1.9	4	209	21	+57	35	1	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Mt Ruapehu, Chateau E	1097	8.4	0.8	4.6	+1.3	11.8	29	-3.7	23	355	23	+114	54	1	..
Pahiatua EWS	110	14.3	5.0	9.7	..	18.6	28	-2.8	23	57	19	..	13	19	..
Masterton Aero AWS	138	14.8	4.3	9.6	..	20.1	29	-2.9	24	61	25	..	12	31	..
Masterton EWS	90	14.6	3.7	9.2	..	20.2	29	-3.0	24	58	19	..	12	19	154
Masterton, Te Ore Ore	110	15.4	5.6	10.5	..	20.2	29	-0.8	24	52	16	-31	10	31	..
Kopua	311	13.8	4.3	9.1	+1.0	18.1	29	-2.3	23	50	22	-37	13	1	..
Takapau Plains AWS	330	12.9	4.0	8.5	+0.7	16.7	13	-1.9	23	56	22	..	11	1	..
Dannevirke EWS	207	14.2	5.7	10.0	..	17.7	27	-2.0	23	54	21	..	15	1	142
Cape Turnagain AWS	292	11.9	8.1	10.0	..	15.8	17	4.0	22	36	18	..	10	20	..
Akitio EWS	245	13.0	7.3	10.2	..	18.0	28	1.8	23	58	16	..	15	4	166
Baring Head	79	13.1	8.4	10.8	..	16.1	12	2.6	23	71	17	..	14	14	..
Te Wharau, Brackenfie	292	13.6	5.1	9.4	..	18.5	29	-0.3	23	138	18	..	64	19	..
Martinborough EWS	20	14.4	5.6	10.0	+1.1	18.8	27	-0.9	23	85	16	..	37	19	138
Ngawi AWS	6	14.5	10.1	12.3	+1.5	17.9	29	3.9	23	121	16	..	27	31	..
Hicks Bay AWS	46	15.7	10.0	12.9	+1.5	17.9	29	5.2	6	111	22	-22	20	13	..
Gisborne AWS	5	16.7	6.6	11.7	+1.4	21.8	29	1.5	1	53	15	-25	10	28	188
Gisborne EWS	12	16.7	6.5	11.6	..	21.8	29	1.2	6	37	15	..	7	28	..
Tolaga Bay WXT AWS	12	15.7	7.0	11.4	..	19.0	12	2.1	1	46	21	..	15	28	..
Tutira CWS	235	14.6	5.9	10.3	..	19.4	29	0.0	9	69	17	..	22	28	..
Napier Aero AWS	3	16.2	5.6	10.9	+1.2	19.5	13	0.1	6	69	13	+15	19	31	..
Napier EWS	7	16.6	6.0	11.3	..	20.4	7	0.2	6	58	12	..	18	31	188
Fernhill, Substation	30	16.2	4.9	10.6	..	20.4	12	-0.5	6	44	13	..	14	1	..
Hastings AWS	16	16.7	5.2	11.0	..	20.8	12	-0.3	6	51	15	..	15	28	..
Whakatu EWS	5	15.6	3.9	9.8	+1.0	19.8	13	-1.5	6	51	13	..	14	28	..
Ashcott Road CWS	212	14.2	4.3	9.3	..	19.7	29	-1.6	23	46	18	..	15	1	..
Waipawa EWS	130	15.5	4.1	9.8	..	20.5	29	-1.3	23	36	16	..	10	1	166
Wairoa, North Clyde E	15	17.2	6.7	12.0	+2.0	22.0	29	2.2	1	80	14	-19	15	3	..
Wairoa Aero AWS	13	16.1	5.3	10.7	..	20.5	29	0.3	1	83	19	..	17	1	..
Mahia Radar WXT AWS	419	12.2	8.0	10.1	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	14.4	8.9	11.7	+1.4	18.3	29	5.4	1	75	16	-28	28	28	..
Cape Kidnappers WXT A	118	13.9	10.0	12.0	..	17.1	13	6.0	23	..	..	..	..	..	..
Paraparaumu Aero	5	14.3	7.4	10.9	+1.5	17.1	19	-0.5	5	152	21	+61	25	8	141
Paraparaumu Aero AWS	5	14.1	7.4	10.8	+1.4	17.1	19	-0.4	5	136	19	+51	20	8	144
Paraparaumu EWS	5	14.1	7.2	10.7	..	16.9	19	-0.7	5	140	18	+52	23	8	115
Ohakea AWS	50	14.8	6.7	10.8	..	19.9	28	1.3	23	..	..	..	..	..	..
Palmerston North AWS	39	15.0	6.1	10.6	+1.4	20.5	28	-1.0	23	71	19	+2	14	1	..
Palmerston North EWS	21	14.9	5.7	10.3	+0.9	20.4	28	-1.5	24	73	17	-7	18	1	126
Levin AWS	14	14.8	6.4	10.6	+1.2	18.7	28	-1.6	4	138	21	+46	50	14	..
Levin EWS	23	14.7	6.0	10.4	..	18.6	28	-2.4	4	142	19	..	50	14	157
Mana Island	2	14.2	9.1	11.7	+1.3	..	..	..	..	169	..	+70	..	..	..
Mana Island AWS	100	11.8	8.6	10.2	..	14.4	27	3.0	23	132	19	..	27	13	..
Porirua, Elsdon Park	7	13.8	8.3	11.1	..	17.4	19	-0.6	23	187	21	..	39	14	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	114
Wellington, Kelburn A	125	12.8	8.6	10.7	+1.3	17.0	12	2.7	23	181	20	+65	33	30	..
Wellington Aero	4	13.6	9.3	11.5	+1.3	18.1	12	3.4	23	117	19	+24	16	30	..
Wellington, Greta Poi	3	14.0	9.3	11.7	..	18.5	12	4.1	23	138	18	..	28	30	..
Wellington Aero Backu	4	13.7	9.5	11.6	..	18.0	12	4.0	23	116	21	..	17	30	..
Upper Hutt, Trentham	50	13.4	5.6	9.5	..	16.6	27	-3.3	23	167	21	..	27	13	127
Stratford EWS	300	12.4	5.1	8.8	+0.6	15.4	29	-0.7	23	290	20	+100	50	8	138
Hawera AWS	98	13.9	6.6	10.3	+1.3	16.5	13	-0.4	23	206	23	+107	41	27	..
Ohakune EWS	607	11.5	3.1	7.3	+1.1	16.0	28	-3.3	5	157	21	+37	33	1	135
Waiouru Treatment Pla	806	10.7	2.4	6.6	+1.7	15.2	28	-3.0	4	109	19	+14	27	1	..
Waiouru Airstrip AWS	818	10.2	2.0	6.1	..	13.9	26	-3.7	4	114	23	..	27	1	..
Waiouru EWS	806	10.3	2.6	6.5	..	..	..	-2.7	4	116	25	..	29	1	..
Taihape Rec	433	13.7	1.6	7.7	+0.7	..	..	-4.0	23	107	19	+32	42	1	..
Flat Hills WXT AWS	263	13.5	5.5	9.5	..	18.7	28	-1.8	4	75	21	-3	31	1	..
Wanganui, Spriggins Pa	15	15.5	7.5	11.5	+1.3	20.6	28	1.2	4	104	17	+30	43	1	..
Wanganui AWS	8	14.9	7.3	11.1	+1.0	19.7	28	1.6	5	107	18	+32	38	1	..
Wanganui 2 AWS	18	15.9	6.8	11.4	..	21.0	28	0.0	4	..	..	..	..	..	..
Takaka EWS	20	13.3	3.6	8.5	-0.2	17.2	29	-1.7	4	304	24	+121	75	8	..
Farewell Spit AWS	3	14.5	9.0	11.8	+1.4	16.7	26	5.8	15	190	22	+82	25	8	..
Westport Aero AWS	2	14.3	7.2	10.8	+1.5	17.0	20	1.7	5	190	21	-2	38	8	..
Westport EWS	6	14.2	7.4	10.8	..	16.8	20	2.5	4	223	21	..	44	8	144

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Arapito EWS	18	15.3	6.3	10.8	..	18.5	27	1.5	5	125	
Hokitika Aero	39	14.3	5.9	10.1	+1.7	17.8	20	-0.9	5	344	19	+113	47	16	122
Hokitika AWS	38	14.0	5.8	9.9	+1.6	17.2	20	-1.2	5	..	..	..	..	153	
Hokitika EWS	39	14.4	5.7	10.1	..	17.8	20	-1.3	5	332	19	..	47	16	..
Reefton EWS	198	13.7	3.6	8.7	+1.6	17.4	29	-5.3	4	224	17	+52	43	16	117
Greymouth Aero EWS	5	13.7	7.0	10.4	..	16.2	20	1.6	5	287	17	..	49	16	142
Pigeon Creek CWS	105	13.6	5.5	9.6	..	16.4	27	-1.9	5	375	19	..	70	16	..
Mt Philistine EWS	1655	1.6	-2.5	-0.5	..	10.1	30	-4.8	15	95	25	..	27	16	..
Mahanga EWS	1995	1.7	-4.7	-1.5	..	8.2	29	-10.4	22	111	18	..	34	8	..
Ivory Glacier CWS	1390	5.8	-1.0	2.4	..	11.6	10	-5.9	5	449	25	..	183	16	..
Okarito	2	..	5.6	..	..	..	..	0.0	3	262	17	+6	41	16	..
Franz Josef EWS	80	13.6	4.1	8.9	+1.3	16.3	31	-1.3	3	319	18	..	54	16	..
Haast AWS	5	13.8	6.7	10.3	+2.1	17.6	31	3.2	5	..	..	..	..	..	..
Milford Sound	3	12.7	4.5	8.6	+1.7	17.5	27	-1.2	4	628	18	+165	121	16	..
Milford Sound AWS	3	12.2	4.5	8.4	+1.7	17.0	27	-1.3	4	665	24	..	128	16	..
Castle Mount EWS	2000	0.8	-4.2	-1.7	..	4.3	3	-6.8	22	282	20	..	98	16	..
Secretary Island AWS	19	13.6	8.1	10.9	+1.6	17.9	31	4.9	30	388	20	+112	80	26	..
Puysegur Point AWS	44	12.4	7.4	9.9	+1.3	16.6	16	2.5	15	175	23	-18	47	26	..
Motueka, Riwaka EWS	8	14.4	3.7	9.1	+0.8	20.2	17	-2.7	4	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	14.0	8.0	11.0	+1.1	18.1	12	2.5	23	208	..	+57	51	8	..
Nelson Aero	2	14.2	5.1	9.7	+1.3	17.9	17	-2.0	4	118	20	+36	24	9	146
Appleby 2 EWS	18	13.5	2.8	8.2	-0.4	17.2	20	-5.0	4	106	17	..	19	9	158
Richmond EWS	1	14.2	4.5	9.4	..	17.6	7	-2.0	4	119	20	..	27	9	..
Nelson AWS	4	13.9	5.0	9.5	+0.8	17.5	17	-1.8	4	104	24	..	21	9	..
Blenheim Research EWS	4	15.5	5.2	10.4	+1.5	19.6	29	-1.3	4	66	13	+6	14	14	185
Wairau Valley, Mill R	172	14.2	4.6	9.4	..	19.5	29	-3.0	4	94	20	..	16	9	..
Blenheim Aero AWS	35	15.0	3.7	9.4	+1.1	19.7	29	-4.1	4	77	17	+16	17	14	..
Brothers Island AWS	68	12.7	9.6	11.2	+0.6	17.3	12	6.2	5	103	18	..	20	30	..
Cape Campbell AWS	2	12.5	8.7	10.6	+0.9	16.5	7	5.7	4	71	13	+28	20	19	..
Boyle River Lodge	600	11.1	2.4	6.8	+1.7	16.5	28	..	..	192	23	+23	39	17	..
Hanmer Forest EWS	363	13.9	0.5	7.2	+1.3	21.3	29	-7.2	5	102	16	-5	25	31	..
Kaikoura, Middle Cree	5	13.8	3.6	8.7	..	23.2	17	-1.3	23	69	13	..	32	19	..
Kaikoura AWS	105	13.3	7.2	10.3	+1.5	21.2	17	2.3	22	46	9	-21	16	19	..
Arthurs Pass	745	8.6	1.6	5.1	+1.8	13.8	29	-5.2	5	461	22	+109	107	16	..
Arthurs Pass EWS	745	8.8	1.7	5.3	+2.2	14.0	29	-4.8	5	464	21	+174	100	16	..
Arthurs Pass AWS	743	8.3	1.6	5.0	..	..	..	..	..	..	..	..	..	..	..
Culverden AWS	181	13.9	3.2	8.6	..	..	..	-3.8	5	54	15	..	17	13	..
Medbury CWS	232	13.7	3.0	8.4	..	20.0	29	-4.9	5	43	12	..	21	13	..
Waipara North Branch	560	11.5	3.7	7.6	..	17.3	29	-5.3	4	102	16	..	27	13	..
Waiiau School CWS	136	14.8	2.7	8.8	..	21.1	28	-3.9	5	63	12	..	22	13	..
Cheviot EWS	75	14.5	3.4	9.0	..	20.7	28	-2.6	5	56	12	..	20	13	178
Upper Rakaia EWS	1752	2.3	-3.5	-0.6	..	7.7	30	-9.8	3	159	26	..	31	16	..
Mt Potts EWS	2128	0.0	-5.3	-2.7	..	5.0	24	-10.0	2	11	10	..	3	24	..
Mt Cook EWS	730	10.2	-0.2	5.0	+1.0	16.8	27	-6.6	5	350	18	+49	94	16	108
Mueller Hut EWS	1818	2.6	-3.2	-0.3	..	10.2	30	-8.2	15	187	22	..	52	16	..
Mt Cook Aero AWS	659	9.9	0.5	5.2	..	15.6	27	-7.9	5	244	23	..	56	16	..
Snowdon RAWs	560	11.1	3.6	7.4	+1.1	..	..	..	..	132	19	..	29	13	..
Winchmore 2 EWS	164	13.6	2.8	8.2	..	19.4	27	-4.0	5	87	13	..	42	13	..
Chertsey CWS	108	13.3	4.0	8.7	..	19.2	27	-2.4	5	78	9	..	37	13	..
Winchmore EWS	160	..	2.0	..	..	..	..	..	..	..	..	..	..	..	..
Peel Forest	286	13.0	2.6	7.8	+1.5	20.2	27	-3.1	5	120	13	+45	48	13	..
Lismore, Racemans Hou	168	12.8	4.0	8.4	..	19.9	27	-3.1	5	81	10	..	41	13	..
Ashburton Council	101	14.2	3.4	8.8	+1.4	21.5	27	..	..	109	20	+47	51	13	..
Ashburton Aero AWS	89	13.4	3.1	8.3	..	20.0	27	-4.3	5	98	14	..	41	13	161
Wakanui 2 CWS	53	11.3	2.3	6.8	..	17.1	27	-4.7	5	85	11	..	34	13	..
Waipara West EWS	130	14.4	5.2	9.8	..	21.2	29	-1.7	4	63	9	..	31	13	181
West Eyreton, Larunde	88	13.4	2.7	8.1	..	19.9	27	-3.2	5	..	..	..	..	..	..
Rangiora EWS	23	14.0	3.0	8.5	+1.2	20.1	7	-2.3	4	74	9	..	33	13	156
Eyrewell, Ngai Tahu W	210	12.7	4.4	8.6	..	17.9	28	-2.7	5	95	12	..	42	13	..
Eyrewell, Ngai Tahu E	72	13.3	2.1	7.7	..	18.9	29	-4.1	4	79	11	..	31	13	..
Christchurch Aero	37	13.6	2.6	8.1	+0.9	19.8	7	-2.9	4	80	17	+18	28	13	153
Christchurch Aero Bac	37	13.6	2.7	8.2	..	20.0	7	-3.0	4	78	17	..	27	13	..
Christchurch Gardens	7	14.3	4.0	9.2	+1.3	20.9	7	-1.7	22	108	11	+44	33	13	..

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		
Christchurch, Kyle St	6	16.4	2.3	9.4	+1.7	22.6	7	-4.5	4	72	11	..	30	13	..
Lincoln, Broadfield E	18	13.5	4.0	8.8	+1.2	19.9	7	-3.4	4	56	8	-5	29	13	..
Sugar Loaf AWS	496	11.3	5.5	8.4	..	17.2	29	1.0	4	..	..	..	..	..	..
Diamond Harbour EWS	122	13.1	5.8	9.5	..	18.9	7	-0.1	4	83	11	..	34	14	172
Leeston RAWs	15	14.2	3.9	9.1	..	..	..	..	..	71	12	..	36	13	..
Dorie CWS @ Leferinks	55	13.4	3.9	8.7	..	20.2	27	-3.4	5	69	10	..	37	13	..
Akaroa EWS	45	14.2	6.2	10.2	+1.6	20.1	27	1.4	4	168	14	+45	70	13	137
Le Bons Bay AWS	236	11.8	6.6	9.2	+1.5	17.5	29	1.8	4	81	14	..	41	13	..
Lake Tekapo, Air Safa	762	8.6	-0.4	4.1	+0.6	15.2	27	-9.2	5	49	12	-9	12	16	..
Lake Tekapo EWS	762	8.7	-0.6	4.1	+0.3	15.0	27	-10.6	4	55	14	..	11	16	171
Fairlie AWS	403	12.3	3.1	7.7	..	19.7	27	-2.4	4	62	18	..	25	13	..
Pukaki Aerodrome AWS	473	11.3	-0.7	5.3	..	16.9	27	-7.9	5	57	18	..	18	13	..
Hakataramea Valley Cw	355	13.0	1.9	7.5	..	..	..	..	..	8	6	..	5	14	..
Orari Estate	81	13.7	2.7	8.2	+1.5	19.8	17	-3.4	5	51	10	-5	26	13	..
Orari Estate CWS	81	13.6	..	..	..	..	..	..	..	..	..	..	..	..	..
Timaru Aero AWS	26	13.3	2.1	7.7	+1.2	19.9	7	-4.4	5	21	8	-23	11	13	..
Timaru EWS	17	11.9	3.2	7.6	+0.5	19.2	17	-2.8	5	21	9	-23	11	14	..
Waimate CWS	39	12.9	3.4	8.2	..	19.6	17	-2.0	5	12	8	..	5	14	..
Oamaru Airport AWS	30	13.0	3.0	8.0	+1.4	..	..	-2.9	4	19	10	-18	6	14	..
Albert Burn	1280	4.9	-0.8	2.1	..	8.5	30	-7.9	3	262	23	..	46	16	..
Mt Larkins EWS	1900	1.0	-4.0	-1.5	..	4.5	30	-7.4	22	59	20	..	15	26	..
Eglinton, Knobs Flat	365	11.0	2.0	6.5	..	14.0	9	-4.8	4	205	15	..	33	12	..
Tara Hills AWS	488	11.6	0.1	5.9	+1.4	16.5	26	-6.4	5	37	14	+1	11	16	..
Wanaka CWS	331	11.4	2.3	6.9	..	15.6	29	-3.4	4	71	11	..	19	16	..
Wanaka Aero AWS	352	11.6	2.3	7.0	+1.5	16.3	29	-3.5	4	63	12	+11	15	16	..
Windsor EWS	81	13.5	2.2	7.9	+1.7	20.4	27	-4.3	5	13	10	-19	4	14	..
Ranfurly EWS	450	11.6	0.6	6.1	+1.8	17.9	28	-8.8	5	3	3	-19	2	20	..
Oamaru AWS	40	12.4	3.8	8.1	+0.6	19.4	27	-2.4	4	22	13	..	5	20	..
Palmerston	21	13.3	2.6	8.0	+1.5	19.6	25	-4.2	4	20	10	-32	5	14	..
Middlemarch EWS	213	13.1	0.8	7.0	+1.4	18.9	27	-8.4	5	10	8	..	3	29	128
Swampy Summit AWS	722	8.4	2.3	5.4	..	16.4	27	-3.8	3	..	..	..	..	..	..
Dunedin Aero AWS	1	13.4	2.4	7.9	+1.4	20.5	27	-2.4	23	..	..	..	..	..	..
Dunedin, Musselburgh	4	12.4	5.7	9.1	+1.4	18.0	27	0.4	16	24	11	-32	8	10	143
Oamaru EWS	20	10.3	1.3	5.8	..	16.4	27	-3.8	5	16	10	..	5	14	168
Murchison Mtns EWS	1140	4.8	0.0	2.4	..	7.7	16	-5.0	3	263	20	..	46	16	..
Takahe Valley CWS	895	5.3	-1.9	1.7	..	9.2	27	-8.8	4	210	20	..	33	6	..
Te Anau At Park HQ Cw	204	10.5	3.7	7.1	..	14.6	24	-1.3	4	..	..	..	..	..	..
Manapouri, West Arm J	178	8.6	3.0	5.8	+1.2	12.6	27	-2.9	4	290	17	..	54	26	..
Manapouri Aero AWS	209	11.2	1.4	6.3	+1.2	15.5	26	-5.2	5	74	17	-25	14	16	..
Birchwood WXT AWS	147	11.9	3.0	7.5	..	16.6	26	-3.6	4	29	18	..	10	10	..
Queenstown	322	11.6	2.8	7.2	+1.1	16.4	26	-2.3	4	69	8	-13	24	12	110
Queenstown EWS	322	11.6	2.6	7.1	..	16.4	26	-2.6	4	64	8	..	23	12	..
Queenstown Aero AWS	354	11.3	1.1	6.2	+1.2	15.2	26	-5.0	4	50	12	-19	16	12	152
Five Rivers CWS	260	11.3	1.0	6.2	..	17.9	26	-7.3	4	32	12	..	10	10	..
Lumsden AWS	187	11.2	1.1	6.2	+0.5	15.6	26	-6.5	5	19	14	..	8	10	..
Waipounamu CWS	152	11.3	1.2	6.3	..	15.3	28	-5.7	5	19	11	..	9	10	..
Cromwell EWS	213	14.3	1.8	8.1	+2.5	19.1	26	-5.2	4	16	9	..	9	16	157
Lauder EWS	375	12.9	1.7	7.3	+2.4	18.3	26	-5.2	5	4	7	-16	1	10	..
Ophir 2	305	13.1	-1.4	5.9	..	18.1	28	-8.5	4	6	7	..	3	10	..
Alexandra	150	14.4	0.1	7.3	+1.3	20.0	26	-7.8	4	7	8	..	3	12	150
Alexandra CWS	140	13.6	1.0	7.3	..	19.2	28	-6.5	4	6	6	..	3	12	..
Clyde 2 EWS	170	13.6	0.0	6.8	..	19.7	26	-7.9	5	12	7	..	4	12	..
Alexandra AWS	230	12.8	0.7	6.8	..	18.4	26	-6.5	4	9	12	..	3	12	..
Roxburgh WXT AWS	160	12.7	3.7	8.2	..	18.4	28	-2.7	16	10	11	..	3	20	..
Tapanui	180	12.8	2.5	7.7	+1.4	17.9	..	-4.1	3	25	15	-36	16	10	..
Waitutu CWS	30	12.2	2.7	7.5	..	18.1	25	-2.4	15	214	21	..	47	10	..
Winton 2	44	13.2	2.5	7.9	+1.1	17.6	9	-6.0	3	29	9	-36	17	10	..
Gore AWS	123	11.6	3.0	7.3	+1.1	16.1	7	-3.7	15	21	12	-39	15	10	..
Gore EWS	60	12.1	2.1	7.1	..	16.1	27	-3.4	4	19	9	..	15	10	138
Invercargill Aero	1	12.1	2.8	7.5	+0.8	15.9	23	-4.5	15	32	18	-44	10	10	122
Invercargill Aero AWS	1	12.0	2.5	7.3	+0.8	16.1	23	-4.7	4	33	20	..	10	10	..
Invercargill Aero 2 E		12.5	1.6	7.1	..	16.3	23	-5.4	15	29	17	..	10	10	187
Tiwai Point EWS	5	12.0	4.1	8.1	+0.8	15.1	16	-2.7	5	36	19	-41	11	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			
Stewart Is	3	11.9	4.3	8.1	+1.1	-2.5	..	102	..	-14	15	22	..
Balclutha,Finegand	6	12.5	2.8	7.7	+0.9	19.3	27	-5.0	5	22	19	-20	5	10	..
Balclutha, Telford Ew	11	12.1	1.5	6.8	..	18.8	27	-5.6	5	15	15	..	3	10	118
Nugget Point AWS	129	10.7	5.3	8.0	+0.9	16.5	27	-0.2	5	14	15	-36	5	10	..
Tautuku	25	14.0	4.1	9.1	+2.0	19.5	18	-0.1	15	43	11	-54	20	10	..
South West Cape AWS	101	10.6	7.1	8.9	+1.0	15.1	8	3.5	15	167	25	+60	31	26	..
Kiribati,Cassidy Chri	3	..	24.8	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	30.0	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.1	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.6	23.7	27.7	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.1	22.2	27.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.3	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	..	23.8	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	..	22.3	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	27.3	17.7	22.5	..	..	..	..	..	48	10	..	41	30	..
Vanuatu,Burtonfield	70	27.0	17.1	22.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	..	17.8	..	..	..	..	13.6	18	41	11	..	21	15	..
New Cal, Oulop	7	25.9	19.0	22.5	..	27.5	9	12.6	21	..	..	..	..	..	..
New Cal, La Roche	42	25.7	13.4	19.6	..	28.3	27	6.9	18	..	..	..	..	..	..
New Cal, La Tontouta	14	26.1	14.6	20.4	..	29.6	28	9.9	17	..	..	..	..	..	..
New Cal, Moue	97	23.8	16.5	20.2	..	25.9	26	12.9	17	..	..	..	..	..	..
Kiribati,Butaritari	2	31.8	..	..	..	32.5	20	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.3	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	32.1	26.4	29.3	..	33.5	10	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	30.9	25.6	28.3	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	31.3	25.8	28.6	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.4	26.6	29.0	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	28.8	19.7	24.3	..	32.1	29	13.6	18	..	..	..	..	..	..
Fiji, Nadi EWS	15	29.0	19.8	24.4	..	32.2	29	13.9	18	63	8	..	27	20	..
Fiji,Nausori Aero	6	26.9	20.2	23.6	..	29.7	30	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.8	24.9	27.4	..	31.0	21	22.9	28	..	..	..	..	..	..
Samoa,Faleolo	4	31.4	23.2	27.3	..	..	..	20.5	10	..	..	..	..	..	..
Samoa, Apia	1	31.3	23.9	27.6	..	..	..	21.6	8	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.0	25.5	27.3	..	31.4	3	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	..	23.2	..	..	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	28.4	23.7	26.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	26.3	20.4	23.4	..	..	..	15.8	12	..	..	..	..	..	..
Salote Pilolevu Airpo	2	25.8	21.2	23.5	..	..	..	18.9	9	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	25.6	19.7	22.7	..	..	..	12.5	19	..	..	..	..	..	..
Niue, Hanan Airport O	59	..	19.3	..	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	25.2	19.4	22.3	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	22.6	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	28.8	22.5	25.7	..	31.1	29	20.8	16	71	21	..	12	21	..
Tahiti - Faaa	1	28.6	21.7	25.2	..	30.5	5	18.4	10	8	7	..	4	6	..
Tuamotu, Hao	3	27.1	23.0	25.1	..	29.0	31	19.2	17	..	..	..	..	..	..
Gambier, Rikitea	91	23.4	19.1	21.3	..	26.0	27	13.7	17	153	12	..	45	14	..
Tubuai	2	23.4	19.1	21.3	..	26.4	1	16.7	26	..	..	..	..	..	..
Rapa	1	20.1	15.1	17.6	..	..	..	11.1	13	159	16	..	29	23	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	151
Raoul Island AWS	49	19.5	15.2	17.4	..	21.9	15	11.8	7	340	22	..	66	16	181
Enderby Is AWS	40	8.5	5.0	6.8	..	10.4	22	1.2	20	55	22	..	15	9	..
Chatham Island EWS	12	14.1	7.8	11.0	..	16.1	20	0.1	1	94	20	..	13	9	..
Chatham Island Aero A	12	13.7	7.5	10.6	..	..	..	0.2	1	..	..	..	..	..	..
Georg Von Neumayer	40	-21.4	-30.3	-25.9	..	-13.6	15	-43.2	20	..	..	..	..	..	..
Ant South Pole	2827	-57.1	-64.0	-60.6	..	-41.7	17	-76.4	28	..	..	..	..	..	..
Gen Belgrano 2	256	-19.1	-26.5	-22.8	..	-8.4	18	-38.0	9	..	..	..	..	..	..
Bellingshausen	16	-4.1	-7.3	-5.7	..	1.7	9	-15.6	24	..	..	..	..	..	..
Base Jubany	4	-2.5	-8.1	-5.3	..	4.3	9	-17.3	24	..	..	..	..	..	..
V C Marambio	198	-10.9	-19.2	-15.1	..	4.8	11	-30.6	24	..	..	..	..	..	..
Eduardo Frei	10	-4.3	-7.6	-6.0	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat	..	-3.7	-7.3	-5.5	..	1.5	7
Great Wall	10	-3.4	-8.2	-5.8	..	2.0	14	-17.0	25
Bernado Ohiggins	10	-5.7	-9.6	-7.7	..	0.7	10	-18.9	24

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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	
Palmer Station	8	-2.4	-7.1	-4.8
Rothera Point	16	-3.8	-8.9	-6.4	..	3.1	11	-15.7	1	..	..	..	..	..	..
Argentine Is, Faraday	11	-2.9	-8.3	-5.6	..	4.5	13	-14.5	30	..	..	..	..	..	..
Gen San Martin	4	-3.8	-11.1	-7.5	..	6.6	16	-18.6	30	..	..	..	..	..	..
King Sejong	11	-1.9	-7.1	-4.5	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-18.1	-22.4	-20.3	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-18.1	-24.9	-21.5	..	-6.2	11	-32.9	25	..	..	..	..	..	..
Mawson	16	-16.5	-22.7	-19.6	..	-10.5	22	-27.5	10	..	..	..	..	..	..
Davis	13	-13.3	-20.6	-17.0	..	..	..	..	..	..	..	..	..	..	..
Progress	64	-14.4	-19.3	-16.9	..	-5.0	9	-36.2	25	..	..	..	..	..	..
Mirnyj	30	-14.8	-18.4	-16.6	..	-7.2	11	..	..	..	..	..	..	..	..
Vostok	3420	-62.8	-67.9	-65.4	..	-51.3	10	..	..	..	..	..	..	..	..
Casey	41	-12.8	-20.6	-16.7	..	-4.8	7	-29.6	18	..	..	..	..	..	..
Durmont Durville	43	-16.4	-23.6	-20.0	..	..	..	..	..	..	..	..	..	..	..
Mcmurdo	24	-19.8	-27.1	-23.5	..	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-19.2	-27.3	-23.3	..	-9.0	8	-35.3	29	..	..	..	..	..	..
Ant Scott Base EWS	20	-20.1	-31.5	-25.8	..	-10.6	22	-46.7	12	..	..	..	..	..	..
Darwin Airport	31	33.1	15.4	24.3	..	35.9	24	11.8	7	..	..	..	..	..	..
Hobart Airport	4	19.9	4.0	12.0	..	32.2	21	-0.2	3	26	17	..	5	23	..
Late returns and corrections for July 2017															
Tiri Tiri Lighthouse	76	14.5	9.9	12.2	+0.5	16.5	8	5.6	13	142	21	+40	28	8	..
Auckland, Mangere EWS	5	15.0	8.0	11.5	+0.6	17.5	19	0.4	30	190	22	+53	25	6	126
Palmerston North EWS	21	12.9	4.4	8.7	+0.0	17.0	2	-2.2	29	137	19	+49	38	13	98
Hokitika EWS	39	12.1	3.2	7.7	..	15.0	2	-2.2	29	220	16	..	65	16	..
Pigeon Creek CWS	105	11.0	2.7	6.9	..	14.2	23	-2.4	6	210	16	..	60	16	..
Okarito	2	12.0	2.8	7.4	-0.1	16.0	2	-1.6	7	285	15	+79	75	26	..
Stephens Island	187	12.3	7.8	10.1	+0.9	14.0	14	4.0	29	143	19	..	30	20	..
Cheviot EWS	75	11.0	0.3	5.7	..	16.2	24	-4.2	30	73	15	..	16	12	134
Winchmore 2 EWS	164	9.9	0.2	5.1	..	16.3	25	-3.8	30	203	13	..	85	21	..
Ashburton Council	101	10.3	0.5	5.4	-0.3	16.0	25	-4.0	30	229	22	+165	114	21	..
Christchurch Gardens	7	10.7	2.7	6.7	+0.1	15.1	25	-2.7	30	165	13	+97	34	22	..
Windsor EWS	81	9.8	-0.7	4.6	-0.3	15.5	25	-4.8	31	128	14	+84	87	21	..
Ranfurlly EWS	450	6.4	-2.8	1.8	-0.4	13.0	31	-9.2	8	70	10	+40	29	21	..
Middlemarch EWS	213	8.3	-3.0	2.7	-0.8	16.0	31	-8.2	8	91	12	..	64	21	98
Cromwell EWS	213	9.2	-1.1	4.1	+0.9	16.4	20	-6.1	29	28	13	..	7	1	96
Lauder EWS	375	7.7	-1.1	3.3	+1.3	16.0	20	-6.1	7	61	17	+38	23	1	..
Vanuatu,Aneityum	6	..	17.2	..	..	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for June 2017															
Tiri Tiri Lighthouse	76	15.5	11.3	13.4	+0.8	17.2	23	9.0	28	89	14	-7	59	2	..
Auckland, Mangere EWS	5	16.0	8.5	12.3	+0.5	18.1	1	3.3	27	54	21	-65	17	6	147
Hokitika EWS	39	13.0	4.0	8.5	..	15.6	22	0.6	15	199	14	..	124	30	..
Pigeon Creek CWS	105	11.6	2.7	7.2	..	14.6	22	-1.8	8	235	14	..	64	30	..
Ashburton Council	101	11.8	1.4	6.6	+0.2	19.5	12	-2.0	15	50	16	-7	19	4	..
Stewart Is	3	11.8	3.2	7.5	+0.8	..	..	0.0	5	113	..	-27	18	12	..
Late returns and corrections for May 2017															
Auckland, Mangere EWS	5	17.9	10.2	14.1	+0.1	20.9	8	2.0	22	129	13	+21	61	11	160
Pigeon Creek CWS	105	13.7	5.2	9.5	..	17.4	12	-2.2	21	195	15	..	65	3	..
Stewart Is	3	12.8	5.1	9.0	+0.4	17.5	9	0.5	29	96	..	-56	24	2	..
Late returns and corrections for April 2017															
Auckland, Mangere EWS	5	21.4	13.5	17.5	+1.3	26.1	3	9.2	21	202	13	+117	86	4	167
Pigeon Creek CWS	105	17.7	8.7	13.2	..	20.8	3	3.9	21	270	17	..	78	14	..
Late returns and corrections for March 2017															
Te Puke EWS	91	23.4	14.4	18.9	+1.8	27.3	23	..	..	353	12	+209	85	10	..
Pigeon Creek CWS	105	20.4	11.0	15.7	..	24.6	10	6.1	17	107	16	..	21	3	..
Late returns and corrections for February 2017															
Auckland, Mangere EWS	5	24.0	15.7	19.9	-0.1	26.9	7	12.2	10	73	10	+1	42	16	176
Pigeon Creek CWS	105	21.5	11.8	16.7	..	26.6	23	5.5	15	339	13	..	117	6	..

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	mm	mm	mm	Hrs					
Late returns and corrections for January 2017															
Pigeon Creek CWS	105	17.8	10.6	14.2	..	21.0	30	5.1	5	706	23	..	187	18	..
Late returns and corrections for December 2016															
Pigeon Creek CWS	105	18.2	9.8	14.0	..	23.5	8	4.6	1	498	16	..	110	31	..
Late returns and corrections for November 2016															
Pigeon Creek CWS	105	16.6	9.6	13.1	..	20.2	24	4.9	18	506	26	..	71	26	..
Late returns and corrections for October 2016															
Pigeon Creek CWS	105	16.1	7.8	12.0	..	19.5	26	1.9	10	362	24	..	46	28	..
Late returns and corrections for May 2016															
Te Puke EWS	91	18.6	9.7	14.2	+2.0	22.3	7	..	..	95	19	-37	17	27	..

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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