

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	14.3	10.4	12.4	-0.2	16.5	6	5.6	14	..	..	..	..	..	..
Kaitaia Aero EWS	80	15.5	9.2	12.4	+0.4	18.2	6	3.2	13	184	23	+49	23	6	..
Kaitaia Observatory	85	15.6	8.7	12.2	..	17.6	6	2.1	30	196	24	+27	21	13	120
Kaitaia EWS	85	15.1	8.8	12.0	+0.0	17.1	6	2.3	30	182	24	+26	24	6	135
Kerikeri EWS	79	16.2	7.1	11.7	+0.3	18.2	16	-0.6	30	143	21	-37	39	1	..
Kerikeri Aerodrome Aw	150	15.3	7.1	11.2	+0.1	..	..	0.6	30	..	..	..	..	..	..
Kaikohe AWS	204	13.8	8.1	11.0	+0.0	15.9	8	1.7	13	166	27	-22	16	21	..
Trounson CWS	244	13.7	7.7	10.7	..	17.4	18	0.4	31	316	23	+57	38	20	..
Dargaville 2 EWS	66	15.1	8.7	11.9	+0.8	18.0	18	0.2	31	208	22	+66	29	20	123
Purerua AWS	82	15.5	8.8	12.2	..	17.4	7	1.9	30	111	21	..	22	1	..
Russell CWS	15	16.1	6.5	11.3	..	18.2	1	-0.5	30	134	29	..	22	27	..
Whangarei Aero AWS	37	15.4	7.9	11.7	+0.1	18.3	19	1.0	30	113	22	-56	18	20	..
Whangarei EWS	12	15.9	6.5	11.2	..	18.4	19	-0.9	31	95	20	..	15	20	139
Mohohinau AWS	60	14.9	11.5	13.2	+0.1	17.1	20	6.6	13	93	21	-40	21	1	..
Leigh 2 EWS	27	15.6	9.6	12.6	+0.1	18.3	18	4.7	13	126	21	-4	25	1	..
Warkworth EWS	72	14.1	5.4	9.8	-0.6	16.7	19	-1.8	30	172	23	-8	24	20	..
Whangaparaoa AWS	89	14.8	9.1	12.0	+0.4	17.3	19	5.3	13	133	21	+32	24	8	..
Tiri Tiri Lighthouse	76	14.5	9.8	12.2	+0.5	16.5	8	..	..	142	21	+40	28	8	..
Auckland, Whenuapai A	26	15.0	5.9	10.5	+0.3	17.5	18	-2.1	30	..	..	..	..	..	..
Auckland, North Shore	64	15.0	7.1	11.1	..	17.3	18	-0.8	30	184	23	..	34	5	..
Auckland, Henderson N	7	15.6	5.6	10.6	+0.3	18.9	18	-2.2	30	244	23	+54	35	6	..
Auckland, Motat EWS	16	15.4	6.5	11.0	..	18.3	18	-1.4	30	206	23	..	28	20	144
Waiheke Island, Awaro	34	15.8	8.1	12.0	..	18.4	2	-0.5	31	168	17	+14	30	1	..
Whitianga Aero AWS	5	14.7	5.9	10.3	+0.0	17.7	20	-1.8	30	227	23	-15	36	1	..
Whitianga EWS	1	15.5	5.7	10.6	..	18.0	8	-2.2	31	308	22	..	48	1	..
Thames 2	3	14.9	6.6	10.8	+0.4	19.0	20	-1.6	30	179	22	+31	52	6	107
Paeroa AWS	18	14.4	5.9	10.2	+0.5	18.7	18	-2.6	31	145	22	-16	24	6	..
Holland Road, Hamilto	45	13.9	4.8	9.4	..	18.1	18	-3.1	30	..	..	..	..	..	..
Toenepi EWS	48	14.9	5.5	10.2	+0.9	18.5	20	-2.5	30	..	..	..	..	..	..
Matamata, Hinuera EWS	106	13.6	3.5	8.6	+0.3	17.7	20	-3.8	30	147	17	..	32	1	..
Tauranga CWS	3	14.7	7.4	11.1	..	16.9	19	1.0	30	152	20	..	28	20	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	138
Tauranga Aero AWS	4	14.4	6.3	10.4	+0.1	16.7	18	-0.1	30	124	16	-5	24	20	..
Te Puke EWS	91	14.8	5.9	10.4	+0.9	17.4	19	-1.2	30	177	16	+14	51	20	..
Whakatane Aero AWS	7	13.9	4.4	9.2	+0.3	17.1	20	-2.0	30	193	18	+61	61	20	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	145
Whakatane EWS	1	14.0	4.8	9.4	..	16.5	18	-1.0	30	178	18	..	44	20	..
White Island AWS	310	11.7	8.4	10.1	..	14.8	20	4.8	29	..	..	..	..	..	..
Kawerau AWS	42	14.5	4.3	9.4	..	17.4	25	-1.6	16	..	..	..	..	..	126
Rotorua EWS	288	12.2	3.9	8.1	..	14.8	20	-2.6	30	184	20	..	60	20	108
Rotorua Aero AWS	283	11.7	3.9	7.8	+0.0	14.8	20	-3.8	30	151	18	+16	66	1	..
Galatea AWS	174	12.3	2.6	7.5	..	15.7	20	-4.5	31	177	21	..	54	20	..
Tarapounamu EWS	701	8.0	2.4	5.2	..	12.4	20	-2.9	30	266	25	..	63	20	..
Taupo AWS	400	10.8	3.0	6.9	+0.4	14.7	20	-5.2	30	127	21	+31	38	20	..
Motu EWS	488	11.0	2.5	6.8	+0.7	14.5	26	-5.2	31	306	19	+90	52	20	..
Auckland, Mangere EWS	5	15.0	8.0	11.5	+0.6	17.5	19	0.4	30	190	22	+53	25	6	126
Auckland Aero	7	14.6	7.8	11.2	+0.3	17.2	19	1.3	31	178	23	+45	30	6	..
Auckland Aero Backup	7	14.5	7.8	11.2	..	17.0	19	..	..	196	24	..	33	6	..
Pukekohe EWS	88	14.3	6.7	10.5	+0.3	17.4	20	0.4	31	199	23	+49	27	1	..
Firth Of Thames EWS	1	14.4	4.8	9.6	..	18.0	20	-3.8	30	125	18	..	32	6	..
Hamilton, Ruakura 2 E	45	14.2	3.3	8.8	-0.1	..	..	..	..	158	18	+40	38	1	..
Hamilton AWS	53	14.0	4.2	9.1	+0.4	..	..	-3.2	30	160	24	+31	35	1	..
Lake Karapiro CWS	55	14.0	6.3	10.2	..	18.1	20	0.1	30	148	22	..	40	1	..
Port Taharoa AWS	27	14.0	8.2	11.1	+0.1	..	..	2.6	30	..	..	..	..	..	..
Waikeria EWS	37	13.8	3.7	8.8	..	18.1	20	-4.3	30	..	..	..	..	..	..
Te Kuiti EWS	62	14.0	4.4	9.2	+0.5	17.5	20	-2.8	30	..	..	..	..	..	97
Pureora Forest CWS	549	9.1	2.5	5.8	..	12.4	20	-4.4	30	206	19	..	68	1	..
Taumarunui EWS	170	12.8	4.2	8.5	..	16.8	20	-3.2	30	172	26	..	34	20	..
Taumarunui AWS	195	12.7	3.8	8.3	..	..	..	-4.2	30	..	..	..	..	..	..
Turangi 2 EWS	350	11.0	2.3	6.7	+0.1	13.6	18	-6.6	30	185	20	+34	60	1	112
New Plymouth AWS	30	13.5	6.3	9.9	+0.2	..	..	-1.0	30	161	23	+25	34	8	137
Lower Retaruke CWS	233	12.1	4.3	8.2	..	15.2	20	-3.6	30	239	22	+89	51	20	..
Mt Ruapehu, Chateau E	1097	7.0	-0.3	3.4	+0.3	11.8	20	-6.0	30	321	27	+58	66	20	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	Hrs		
Pahiatua EWS	110	12.1	2.8	7.5	..	16.6	19	-3.4	6	168	21	..	46	12	..
Masterton Aero AWS	138	12.2	2.1	7.2	..	16.5	25	-4.2	31	129	23	..	42	12	..
Masterton EWS	90	12.3	1.9	7.1	..	15.9	25	-4.0	31	152	20	..	51	12	126
Masterton, Te Ore Ore	110	12.8	3.0	7.9	..	17.7	25	-2.8	31	160	17	+33	62	12	..
Kopua	311	10.7	2.3	6.5	-1.0	14.2	25	-2.5	6	154	17	+38	76	13	..
Takapau Plains AWS	330	9.9	2.2	6.1	-1.0	12.9	21	-3.3	31	125	22	..	49	13	..
Dannevirke EWS	207	11.3	3.1	7.2	..	14.6	19	-3.1	31	114	18	..	38	13	104
Cape Turnagain AWS	292	10.1	6.4	8.3	..	..	..	..	..	..	..	..	..	..	..
Akitio EWS	245	10.4	4.8	7.6	..	14.9	19	0.4	6	149	15	..	54	12	139
Baring Head	79	11.7	6.3	9.0	..	16.0	20	2.6	29	65	18	..	13	20	..
Te Wharau, Brackenfie	292	11.2	3.8	7.5	..	15.2	25	-1.0	31	248	15	..	75	12	..
Martinborough EWS	20	12.2	2.4	7.3	-0.5	15.8	25	-2.0	6	157	15	..	62	13	97
Ngawi AWS	6	12.9	7.8	10.4	+0.2	16.5	1	4.3	30	..	..	..	..	..	..
Hicks Bay AWS	46	14.9	7.8	11.4	+0.2	16.7	20	2.1	30	199	20	+37	35	2	..
Gisborne AWS	5	14.3	5.0	9.7	+0.0	18.9	20	1.3	31	167	18	+37	50	9	130
Gisborne EWS	12	14.1	5.0	9.6	..	17.7	4	-0.1	31	153	20	..	36	9	..
Tolaga Bay WXT AWS	12	14.1	5.8	10.0	..	18.2	20	1.6	31	112	24	..	23	9	..
Tutira CWS	235	11.7	3.7	7.7	..	..	..	..	..	209	18	..	61	13	..
Napier Aero AWS	3	13.6	4.5	9.1	+0.0	17.4	25	-1.8	31	100	16	-12	21	13	..
Napier EWS	7	14.0	4.4	9.2	..	18.2	25	-2.4	31	72	17	..	19	9	152
Fernhill, Substation	30	13.4	3.4	8.4	..	17.7	25	-1.6	31	75	14	..	24	13	..
Hastings AWS	16	13.9	3.3	8.6	..	18.1	25	..	..	82	20	..	28	13	..
Whakatu EWS	5	13.2	2.3	7.8	-0.4	17.9	25	-4.1	30	86	15	..	23	13	..
Ashcott Road CWS	212	11.5	1.9	6.7	..	15.7	21	-3.6	31	101	17	..	37	13	..
Waipawa EWS	130	12.4	1.8	7.1	..	16.4	21	-3.1	31	112	16	..	37	13	132
Wairoa, North Clyde E	15	14.5	5.7	10.1	+0.8	19.2	20	0.5	31	218	18	+84	45	14	..
Wairoa Aero AWS	13	13.4	4.6	9.0	..	17.3	20	-1.1	31	226	23	..	44	9	..
Mahia Radar WXT AWS	419	9.9	6.4	8.2	..	13.0	20	1.0	13	..	..	..	..	..	..
Mahia AWS	136	12.5	7.6	10.1	+0.1	15.8	21	1.8	13	243	18	+104	44	12	..
Cape Kidnappers WXT A	118	12.4	8.4	10.4	..	15.9	25	3.2	13	..	..	..	..	..	..
Paraparaumu Aero	5	13.0	4.8	8.9	+0.2	16.5	20	..	..	185	20	+90	44	13	120
Paraparaumu Aero AWS	5	12.8	4.7	8.8	+0.2	16.5	20	-1.1	6	174	17	+83	42	13	135
Paraparaumu EWS	5	12.8	4.5	8.7	..	16.5	20	-1.5	30	175	17	+78	45	13	107
Ohakea AWS	50	12.8	5.3	9.1	..	16.9	19	-0.4	29	..	..	..	..	..	..
Palmerston North AWS	39	12.9	4.7	8.8	+0.3	17.0	19	-1.6	29	96	20	+11	16	13	..
Palmerston North EWS	21	12.9	4.4	8.7	+0.0	17.0	2	-2.2	29	137	19	+49	38	13	98
Levin AWS	14	13.3	4.6	9.0	+0.5	16.7	2	-2.1	6	112	20	+13	22	13	..
Levin EWS	23	13.2	4.4	8.8	..	16.3	19	-2.4	6	132	18	..	25	13	133
Mana Island	2	..	..	..	..	..	..	2.9	30	206	..	+99	72	13	..
Mana Island AWS	100	11.0	6.5	8.8	..	14.2	20	2.8	29	188	19	..	62	13	..
Porirua, Elsdon Park	7	12.6	4.1	8.4	..	16.3	20	-0.7	5	239	22	..	75	13	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	97
Wellington, Kelburn A	125	11.5	6.4	9.0	+0.1	..	..	1.9	30	230	23	+93	58	13	..
Wellington Aero	4	12.3	6.7	9.5	-0.1	15.4	1	2.4	30	200	22	+87	60	13	..
Wellington, Greta Poi	3	12.7	7.1	9.9	..	17.0	25	4.1	30	234	19	..	69	13	..
Wellington Aero Backu	4	12.3	6.9	9.6	..	15.0	1	2.0	30	195	19	..	56	13	..
Upper Hutt, Trentham	50	11.8	1.9	6.9	..	16.6	20	-4.1	16	184	20	..	54	13	105
Stratford EWS	300	10.8	4.6	7.7	+0.1	14.0	24	-1.8	30	341	21	+133	63	27	100
Hawera AWS	98	12.3	6.2	9.3	+0.9	..	..	-0.2	30	..	..	..	..	..	..
Ohakune EWS	607	9.3	1.8	5.6	+0.1	15.5	20	-6.0	29	239	21	+89	38	21	97
Waiouru Treatment Pla	806	8.3	1.5	4.9	+0.6	11.7	20	-6.0	30	147	..	+43	..	..	..
Waiouru Airstrip AWS	818	7.5	0.6	4.1	..	12.2	20	-7.2	30	155	23	..	28	20	..
Waiouru EWS	806	7.4	1.4	4.4	..	11.6	20	-5.7	30	165	23	..	30	14	..
Taihape Rec	433	12.1	1.9	7.0	+0.9	16.2	19	-2.5	31	125	..	+46	45	9	..
Flat Hills WXT AWS	263	11.3	4.1	7.7	..	16.3	20	-1.2	29	112	23	+26	37	13	..
Wanganui, Spriggens Pa	15	13.6	6.2	9.9	+0.4	17.7	19	2.0	30	82	18	-3	19	17	..
Wanganui AWS	8	13.1	6.4	9.8	+0.3	..	..	2.3	8	79	19	-10	18	17	..
Wanganui 2 AWS	18	13.9	5.7	9.8	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	11.6	1.5	6.6	-1.2	15.2	26	-3.3	13	177	15	-19	47	16	132
Farewell Spit AWS	3	13.3	7.5	10.4	+0.7	15.6	2	2.7	29	138	19	+36	28	16	..
Westport Aero AWS	2	13.0	5.2	9.1	+0.4	16.1	3	0.1	29	160	20	+22	52	16	..
Westport EWS	6	12.8	5.1	9.0	..	16.0	22	-0.7	29	194	19	..	61	16	130
Arapito EWS	18	13.4	3.9	8.7	..	16.1	1	-2.2	13	115

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Hokitika Aero	39	12.0	3.4	7.7	+0.3	14.9	2	-1.9	29	224	21	+6	66	16	122
Hokitika AWS	38	11.8	3.3	7.6	+0.2	14.7	2	-2.0	29	239	20	+56	70	16	141
Hokitika EWS	39	12.1	3.2	7.7	..	15.0	2	-2.2	29	220	16	..	65	16	..
Reefton EWS	198	10.6	1.3	6.0	+0.8	14.6	22	-5.0	29	130	16	-39	27	16	94
Greymouth Aero EWS	5	11.7	4.4	8.1	..	14.7	23	-0.9	13	229	17	..	87	16	128
Pigeon Creek CWS	105	11.0	2.7	6.9	..	14.2	23	-2.4	6	210	16	..	60	16	..
Mt Philistine EWS	1655	0.8	-4.0	-1.6	..	5.8	30	-9.3	13	31	21	..	8	1	..
Mahanga EWS	1995	-0.2	-5.6	-2.9	..	4.2	30	-12.4	29	95	19	..	30	1	..
Ivory Glacier CWS	1390	3.9	-2.9	0.5	..	7.8	1	-10.3	30	276	22	..	114	1	..
Okarito	2	12.1	2.8	7.5	+0.0	16.0	2	..	..	285	15	+79	75	26	..
Franz Josef EWS	80	11.7	1.7	6.7	-0.1	15.4	2	-2.5	29	287	19	..	89	26	..
Haast AWS	5	12.0	4.7	8.4	+0.7	15.4	20	-1.3	12	..	..	..	..	..	..
Milford Sound	3	10.4	1.5	6.0	+0.7	16.8	20	-1.8	6	292	18	-132	58	31	..
Milford Sound AWS	3	9.3	1.6	5.5	+0.5	16.2	20	-2.2	7	307	25	..	59	31	..
Castle Mount EWS	2000	-0.2	-6.2	-3.2	..	4.6	22	-11.7	12	170	20	..	115	21	..
Secretary Island AWS	19	12.2	6.3	9.3	+0.2	14.3	22	2.5	12	308	20	+56	47	20	..
Puysegur Point AWS	44	11.0	6.0	8.5	+0.3	15.0	30	2.6	12	178	23	-14	25	26	..
Motueka, Riwaka EWS	8	12.9	2.0	7.5	+0.6	17.3	22	-4.0	29	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	12.5	6.0	9.3	+0.2	15.2	..	1.0	29	180	..	+8	45	1	..
Nelson Aero	2	12.9	3.3	8.1	+0.9	16.5	22	-2.5	30	134	11	+56	42	1	125
Appleby 2 EWS	18	12.5	1.1	6.8	-0.6	15.8	9	-5.6	30	121	11	..	67	1	145
Richmond EWS	1	13.0	2.6	7.8	..	16.3	22	-3.0	31	158	15	..	56	1	149
Nelson AWS	4	12.7	3.2	8.0	+0.6	16.4	22	-2.0	29	136	17	..	39	1	..
Blenheim Research EWS	4	13.2	2.8	8.0	+0.3	16.8	25	-2.0	31	62	13	-8	33	20	157
Wairau Valley, Mill R	172	12.3	1.6	7.0	..	15.2	17	-3.9	16	101	12	..	41	20	..
Blenheim Aero AWS	35	12.9	1.2	7.1	+0.0	16.0	22	-4.6	29	73	14	-2	33	20	..
Brothers Island AWS	68	12.0	8.5	10.3	+0.1	15.9	25	5.2	29	78	15	..	16	17	..
Grassmere Salt Works	2	12.5	4.4	8.5	+0.0	16.7	24	-0.5	30	41	7	-28	22	20	..
Cape Campbell AWS	2	11.1	6.9	9.0	-0.2	14.5	24	3.7	30	60	11	-6	25	20	..
Boyle River Lodge	600	8.6	-2.0	3.3	-0.2	..	..	..	..	159	22	+6	43	21	..
Hanmer Forest EWS	363	9.6	-2.7	3.5	-0.6	14.5	2	-8.5	6	160	19	+52	38	21	..
Kaikoura, Middle Cree	5	10.6	1.7	6.2	..	13.5	26	-2.0	16	115	23	..	41	20	..
Kaikoura AWS	105	10.3	5.2	7.8	-0.3	14.9	1	1.7	13	92	11	+0	39	20	..
Arthurs Pass	745	5.6	-1.2	2.2	+0.3	9.6	3	-6.7	29	230	19	-75	64	16	..
Arthurs Pass EWS	745	5.8	-1.0	2.4	+0.7	9.6	23	-6.5	29	254	20	-104	60	16	..
Arthurs Pass AWS	743	5.5	-1.1	2.2	..	9.1	23	-6.7	29	303	27	..	69	16	..
Culverden AWS	181	9.8	-0.3	4.8	..	15.3	25	-5.3	30	..	..	..	..	..	..
Medbury CWS	232	10.2	-0.1	5.1	..	14.4	17	-5.1	30	71	13	..	26	21	..
Waipara North Branch	560	8.5	0.2	4.4	..	12.7	20	-5.0	29	124	17	..	50	21	..
Waiiau School CWS	136	10.2	-0.4	4.9	..	15.4	26	-5.7	30	109	21	..	27	21	..
Cheviot EWS	75	11.0	0.3	5.7	..	16.2	24	-4.2	30	73	15	..	16	12	134
Upper Rakaia EWS	1752	1.3	-5.0	-1.9	..	6.0	30	-11.2	29	109	21	..	32	1	..
Mt Potts EWS	2128	-1.1	-7.4	-4.3	..	5.2	15	-14.2	29	10	9	..	3	18	..
Mt Cook EWS	730	5.6	-3.9	0.9	-1.3	13.2	20	-10.3	15	338	25	+73	75	21	78
Mueller Hut EWS	1818	0.7	-5.4	-2.4	..	7.5	18	-12.1	29	52	16	..	9	14	..
Mt Cook Aero AWS	659	4.6	-5.3	-0.4	..	11.6	19	-13.7	29	211	25	..	53	21	..
Snowdon RAWs	560	8.3	0.0	4.2	-0.6	..	..	..	..	..	..	..	..	..	..
Methven CWS	313	9.5	0.6	5.1	..	15.2	20	-3.0	30	230	12	..	110	21	..
Chertsey CWS	108	9.5	1.9	5.7	..	14.9	24	-2.1	30	198	12	..	79	21	..
Winchmore EWS	160	10.1	-0.3	4.9	-0.7	17.3	25	-4.2	30	238	13	+171	112	21	..
Peel Forest	286	9.8	-0.6	4.6	-0.2	15.8	25	-4.0	29	190	12	+119	105	21	..
Lismore, Racemans Hou	168	9.4	0.2	4.8	..	15.2	25	-3.1	16	182	12	..	98	21	..
Ashburton Aero AWS	89	9.7	0.5	5.1	..	15.6	24	-4.1	30	221	17	..	93	21	118
Wakanui 2 CWS	53	8.4	0.1	4.3	..	13.6	24	-4.8	30	197	12	..	72	21	..
Waipara West EWS	130	11.2	1.9	6.6	..	16.2	11	-2.3	31	60	12	..	20	21	133
West Eyreton, Larunde	88	10.0	-0.3	4.9	..	..	..	-4.1	30	..	..	..	..	..	..
Rangiora EWS	23	10.1	0.4	5.3	-0.6	15.4	20	-4.4	30	112	15	..	39	21	119
Eyrewell, Ngai Tahu W	210	9.2	1.2	5.2	..	15.3	24	-2.6	30	174	12	..	82	21	..
Eyrewell, Ngai Tahu E	72	9.6	-0.2	4.7	..	14.8	20	-5.2	30	141	13	..	42	21	..
Christchurch Aero	37	10.0	1.0	5.5	-0.3	14.7	20	-5.6	30	159	19	+94	39	21	93
Christchurch Aero Bac	37	10.0	1.0	5.5	..	15.0	20	-6.0	30	153	20	..	37	21	..
Christchurch, Kyle St	6	12.7	0.9	6.8	+0.5	17.6	25	-5.7	30	155	13	..	35	22	..
Lincoln, Broadfield E	18	10.1	2.4	6.3	+0.2	14.4	20	-3.3	30	128	13	+70	28	21	..

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	
Sugar Loaf AWS	496	7.9	3.0	5.5	..	12.1	20	-1.0	13	..	..	..	..	..
Diamond Harbour EWS	122	10.0	4.0	7.0	..	14.7	20	-0.3	30	144	17	..	43	22	124
Leeston RAWs	15	10.5	2.4	6.5	..	..	..	..	..	152	17	..	42	21	..
Dorie CWS @ Leferinks	55	9.8	2.1	6.0	..	15.4	25	-3.7	30	135	14	..	28	11	..
Akaroa EWS	45	11.2	4.6	7.9	+0.5	17.6	24	0.4	30	259	16	+128	61	21	89
Le Bons Bay AWS	236	9.1	4.6	6.9	-0.5	13.9	20	1.2	29	128	18	..	32	20	..
Lake Tekapo, Air Safa	762	3.1	-5.7	-1.3	-2.7	8.9	20	-14.3	29	135	12	+85	49	21	..
Lake Tekapo EWS	762	3.2	-5.9	-1.4	-3.0	8.5	20	-14.6	29	154	17	..	61	21	137
Fairlie AWS	403	8.4	0.6	4.5	..	14.9	24	..	..	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	5.4	-3.7	0.9	..	13.2	24	-8.2	29	112	27	..	25	1	..
Hakataramea Valley Cw	355	8.2	-1.5	3.4	..	14.4	25	-5.3	8	..	..	..	..	..	..
Orari Estate	81	9.3	-0.4	4.5	-0.5	17.0	25	-4.3	16	154	15	+97	57	21	..
Timaru Aero AWS	26	9.5	-0.5	4.5	-0.5	16.4	25	-5.1	16	..	..	..	..	..	..
Timaru EWS	17	8.7	0.5	4.6	-1.1	14.6	24	-3.9	30	146	13	+102	69	21	..
Waimate CWS	39	10.3	0.8	5.6	..	15.4	24	-3.3	30	145	10	..	87	21	..
Oamaru Airport AWS	30	9.4	0.6	5.0	-0.5	15.8	25	-3.1	31	192	13	+151	136	21	..
Albert Burn	1280	3.2	-2.7	0.3	..	7.7	18	-8.6	29	152	24	..	25	23	..
Mt Larkins EWS	1900	-0.2	-5.8	-3.0	..	4.2	22	-11.6	12	18	15	..	3	17	..
Eglinton, Knobs Flat	365	7.1	-1.3	2.9	..	11.0	20	-7.8	7	118	24	..	20	31	..
Tara Hills AWS	488	6.7	-3.1	1.8	-0.1	..	..	..	..	..	..	..	..	..	..
Wanaka CWS	331	8.0	0.0	4.0	..	15.3	20	-4.0	29	90	12	..	20	21	..
Wanaka Aero AWS	352	7.7	0.0	3.9	+0.6	15.2	20	-4.1	29	87	18	+49	20	21	..
Windsor EWS	81	9.8	-0.7	4.6	-0.3	15.5	25	-4.8	31	128	14	+84	87	21	..
Ranfurly EWS	450	6.4	-2.8	1.8	-0.4	13.0	31	-9.2	8	70	10	+40	29	21	..
Oamaru AWS	40	9.4	1.4	5.4	-1.2	15.9	25	-1.5	30	224	19	..	161	21	..
Palmerston	21	9.9	-0.9	4.5	-0.6	15.8	24	-5.3	30	191	14	+137	146	21	98
Middlemarch EWS	213	8.3	-3.0	2.7	-0.8	16.0	31	-8.2	8	91	12	..	64	21	98
Swampy Summit AWS	722	5.0	0.2	2.6	..	10.6	19	-3.0	12	..	..	..	..	..	..
Dunedin Aero AWS	1	9.2	-0.3	4.5	-0.4	14.3	24	-4.3	9	..	..	..	..	..	..
Dunedin, Musselburgh	4	9.5	2.6	6.1	-0.4	15.7	24	-1.4	30	157	15	+100	89	21	100
Oamaru EWS	20	7.3	-1.0	3.2	..	13.3	25	-5.4	30	178	12	..	126	21	148
Murchison Mtns EWS	1140	2.6	-1.7	0.5	..	6.2	22	-5.7	12	166	22	..	27	23	..
Takahe Valley CWS	895	1.5	-4.6	-1.6	..	5.7	20	-9.3	7	172	22	..	26	23	..
Te Anau At Park HQ Cw	204	7.6	1.5	4.6	..	11.6	19	-2.1	30	..	..	..	..	..	..
Manapouri, West Arm J	178	6.0	0.4	3.2	+0.3	10.6	21	-4.5	7	228	22	..	39	23	..
Manapouri Aero AWS	209	8.3	0.4	4.4	+0.8	..	..	..	..	..	..	..	..	..	..
Birchwood WXT AWS	147	9.1	0.6	4.9	..	13.7	31	-4.5	7	95	25	..	18	21	..
Queenstown	322	8.2	0.3	4.3	+0.0	12.6	26	-3.7	7	40	13	-23	7	31	71
Queenstown EWS	322	8.2	0.1	4.2	..	12.7	26	-3.9	7	37	14	..	7	31	..
Queenstown Aero AWS	354	8.0	-1.4	3.3	+0.2	13.1	20	-5.9	7	33	18	-16	7	23	132
Five Rivers CWS	260	8.0	-1.3	3.4	..	14.4	31	-8.3	7	116	23	..	43	21	..
Lumsden AWS	187	7.4	-1.4	3.0	-0.9	12.8	26	-6.2	6	105	24	..	38	21	..
Waipounamu CWS	152	7.4	-1.6	2.9	..	13.2	31	-6.4	8	104	18	..	43	21	..
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	..
Ophir 2	305	7.4	-3.5	2.0	..	16.3	20	-9.0	7	48	11	..	26	1	..
Alexandra	150	8.6	-2.3	3.2	+0.2	15.5	25	-7.3	29	26	15	..	12	1	84
Alexandra CWS	140	8.1	-1.8	3.2	..	16.1	20	-6.0	6	22	10	..	10	1	..
Clyde 2 EWS	170	8.4	-2.6	2.9	..	15.1	20	-7.8	29	20	12	..	10	1	..
Alexandra AWS	230	7.5	-2.4	2.6	..	14.8	20	-6.6	29	24	19	..	11	1	..
Roxburgh WXT AWS	160	8.5	1.2	4.9	..	14.8	20	-2.2	29	70	19	..	49	21	..
Ettrick No.2	91	9.3	-0.5	4.4	+0.2	15.4	31	-5.5	7	32	10	+3	6	1	..
Tapanui	180	8.8	0.5	4.7	+0.0	14.9	31	-4.9	7	157	21	+93	66	21	..
Waitutu CWS	30	9.0	0.8	4.9	..	13.4	19	-2.0	7	255	26	..	47	26	..
Winton 2	44	9.9	0.0	5.0	-0.4	15.0	31	-4.5	29	81	16	+18	16	3	107
Gore AWS	123	8.3	-0.1	4.1	-0.4	14.8	31	-4.1	7	69	23	+12	13	3	..
Gore EWS	60	8.8	0.0	4.4	..	15.4	31	-4.2	8	57	19	..	12	3	130
Invercargill Aero	1	9.6	0.4	5.0	-0.3	14.4	31	-6.1	7	88	18	+3	13	10	114
Invercargill Aero AWS	1	9.5	0.1	4.8	-0.3	14.3	31	-5.9	7	86	23	..	12	2	..
Invercargill Aero 2 E		10.0	-0.7	4.7	..	14.8	31	-6.9	7	86	21	..	13	2	125
Tiwai Point EWS	5	10.4	1.9	6.2	+0.0	13.2	31	-4.1	7	73	18	-13	13	25	..
Stewart Is	3	10.1	2.2	6.2	+0.0	12.5	18	..	..	84	..	-39	9	3	..
Balclutha, Finegand	6	8.9	0.1	4.5	-0.7	13.1	31	-4.1	8	133	15	+84	56	21	..

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	
Balclutha, Telford Ew	11	8.7	-0.8	4.0	..	12.8	31	-4.6	8	120	19	..	46	21	112
Nugget Point AWS	129	8.2	2.7	5.5	-0.6	12.3	24	-0.7	8	107	19	+41	28	2	..
Tautuku	25	9.5	2.9	6.2	+0.1	12.5	26	-1.0	30	110	15	+7	18	4	..
South West Cape AWS	101	9.2	6.0	7.6	+0.1	12.1	30	2.4	12	110	25	+3	12	31	..
Kiribati,Cassidy Chri	3	..	25.3	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	29.6	..	..	..	..	..	..	..	317	24	..	53	28	..
Solomon, Munda	6	..	25.0	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.5	23.7	27.6	..	..	..	22.0	6	60	13	..	9	14	..
Solomon, Henderson	9	31.6	22.5	27.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.6	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	30.5	23.6	27.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	28.6	22.7	25.7	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	26.6	17.4	22.0	..	..	..	..	..	38	10	..	18	3	..
Vanuatu,Burtonfield	70	26.6	16.6	21.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	..	17.2	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	25.1	18.2	21.7	..	27.7	20	9.8	21	..	..	..	..	..	..
New Cal, Ouanaham	29	24.5	13.6	19.1	..	26.9	20	8.3	22	..	..	..	..	..	..
New Cal, La Roche	42	24.7	11.3	18.0	..	28.7	20	6.6	28	..	..	..	..	..	..
New Cal, La Tontouta	14	25.0	12.9	19.0	..	27.3	18	9.2	28	..	..	..	..	..	..
New Cal, Moue	97	23.2	15.0	19.1	..	24.7	18	12.5	28	..	..	..	..	..	..
Kiribati,Butaritari	2	31.6	..	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.7	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	32.0	26.9	29.5	..	..	..	24.2	7	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.2	26.9	29.6	..	32.8	6	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	30.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	29.4	19.5	24.5	..	33.9	21	..	..	..	..	..	..	..	..
Fiji, Nadi EWS	15	29.4	19.5	24.5	..	33.9	21	17.5	3	20	1	..	20	29	..
Fiji,Nausori Aero	6	26.4	19.5	23.0	..	..	..	14.7	1	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.7	25.2	27.5	..	30.6	22	24.0	11	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	28.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Samoa,Faleolo	4	31.7	23.3	27.5	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.9	23.7	27.8	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.0	25.3	27.2	..	31.1	29	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	30.8	23.3	27.1	..	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	28.3	23.0	25.7	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	25.9	19.7	22.8	..	28.8	22	14.2	13	..	..	..	..	..	..
Salote Pilolevu Airpo	2	25.4	20.7	23.1	..	28.7	22	17.4	12	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	25.1	18.4	21.8	..	28.7	22	12.6	13	..	..	..	..	..	..
CI Rarotonga Aero	7	26.6	20.0	23.3	..	30.1	14	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	23.7	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	28.9	23.6	26.3	..	30.3	9	22.4	9	40	19	..	12	28	..
Tahiti - Faa	1	29.9	23.4	26.7	..	31.0	20	21.7	4	10	7	..	7	1	..
Tuamotu, Hao	3	28.1	24.2	26.2	..	29.0	16	22.7	6	..	..	..	..	..	..
Gambier, Rikitea	91	24.1	20.4	22.3	..	26.8	12	17.6	24	135	13	..	51	21	..
Tubuai	2	24.4	19.2	21.8	..	26.8	31	14.0	13	..	..	..	..	..	..
Rapa	1	21.6	17.0	19.3	..	24.0	11	12.8	14	134	19	..	38	6	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	191
Raoul Island AWS	49	19.7	14.3	17.0	..	22.3	22	11.3	27	125	21	..	45	2	221
Enderby Is AWS	40	7.8	4.4	6.1	..	10.0	30	0.4	27	65	24	..	9	18	..
Chatham Island EWS	12	12.4	6.5	9.5	..	14.6	20	1.2	12	84	21	..	20	28	..
Chatham Island Aero A	12	11.8	6.2	9.0	..	14.0	20	0.9	12	..	..	..	..	..	..
Georg Von Neumayer	40	-20.8	-32.7	-26.8	..	-4.7	29	-44.0	5	..	..	..	..	..	..
Ant South Pole	2827	-55.1	-63.0	-59.1	..	-47.9	26	-72.7	14	..	..	..	..	..	..
Gen Belgrano 2	256	-17.6	-25.5	-21.6	..	-10.9	8	-35.0	27	..	..	..	..	..	..
Bellingshausen	16	-2.3	-5.6	-4.0	..	2.7	5	-19.4	29	..	..	..	..	..	..
Base Jubany	4	-1.0	-7.1	-4.1	..	5.5	5	-19.0	29	..	..	..	..	..	..
V C Marambio	198	-11.5	-19.3	-15.4	..	1.3	7	-32.8	28	..	..	..	..	..	..
Eduardo Frei	10	-2.6	-6.0	-4.3	..	1.9	5	-20.1	29	..	..	..	..	..	..
Arturo Prat		-2.5	-5.8	-4.2	..	1.6	15	-18.9	29	..	..	..	..	..	..
Great Wall	10	-1.8	-7.0	-4.4	..	1.2	6	-19.7	29	..	..	..	..	..	..
Bernado Ohiggins	10	-4.5	-7.8	-6.2	..	1.3	5	-23.0	29	..	..	..	..	..	..
Palmer Station	8	-1.5	-6.8	-4.2	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-5.1	-10.3	-7.7	..	0.9	6	-19.8	29	..	..	..	..	..	..

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	
Argentine Is, Faraday	11	-2.5	-7.0	-4.8	..	..	..	..	..	..	..	..	..	..	..
Gen San Martin	4	-6.1	-14.3	-10.2	..	5.0	5	-28.7	21	..	..	..	..	..	..
King Sejong	11	0.1	-5.4	-2.7	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-12.5	-16.5	-14.5	..	-5.5	26	-26.9	12	..	..	..	..	..	..
Syowa	21	-12.1	-18.9	-15.5	..	-4.4	25	-32.1	2	..	..	..	..	..	..
Mawson	16	-13.6	-20.0	-16.8	..	..	..	-30.3	10	..	..	..	..	..	..
Davis	13	-13.1	-19.6	-16.4	..	-4.4	23	-33.4	13	..	..	..	..	..	..
Progress	64	-13.1	-18.2	-15.7	..	..	..	-41.7	8	..	..	..	..	..	..
Mirnyj	30	-14.8	-17.4	-16.1	..	-8.3	21	..	..	..	..	..	..	..	..
Vostok	3420	-62.5	-67.6	-65.1	..	-48.0	18	-78.2	5	..	..	..	..	..	..
Casey	41	-13.3	-22.9	-18.1	..	-1.9	29	-30.6	29	..	..	..	..	..	..
Durmunt Durville	43	-15.3	-22.2	-18.8	..	-8.1	30	-31.1	19	..	..	..	..	..	..
Mcmurdo	24	-21.6	-29.4	-25.5	..	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-20.6	-29.7	-25.2	..	-10.5	1	-38.6	13	..	..	..	..	..	..
Ant Scott Base EWS	20	-22.0	-34.4	-28.2	..	-9.3	2	-46.6	11	..	..	..	..	..	..
Darwin Airport	31	31.8	14.3	23.1	..	34.2	18	11.3	27	0	0	..	0	1	..
Hobart Airport	4	21.1	3.6	12.4	..	32.4	16	-0.9	3	29	14	..	14	18	..

Late returns and corrections for June 2017

Auckland, North Shore	64	15.9	8.4	12.2	..	17.5	23	2.2	28	77	17	..	36	2	..
Hamilton, Ruakura 2 E	45	16.1	4.1	10.1	+0.5	18.5	23	-1.4	9	54	14	-62	15	23	158
Waikeria EWS	37	15.1	3.3	9.2	..	17.4	3	-1.8	9	..	..	..	..	..	164
Akitio EWS	245	9.7	4.2	7.0	..	13.0	19	..	..	75	15	..	26	25	140
Mana Island	2	14.0	7.9	11.0	+0.1	16.4	19	4.1	15	14	..	-86	4	23	..
Arapito EWS	18	14.7	4.9	9.8	..	18.0	2	2.0	26	86	12	..	24	12	134
Palmerston	21	12.1	0.4	6.3	+0.5	18.4	11	-5.2	26	29	13	-13	9	4	96
Tapanui	180	10.1	1.1	5.6	+0.1	15.0	12	..	..	83	18	+7	17	1	..
Gore EWS	60	10.2	1.0	5.6	..	..	..	..	..	..	..	..	..	..	..
Stewart Is	3	11.8	3.2	7.5	+0.8	..	..	0.0	5	113	..	-27	18	12	..
Vanuatu, Bauerfield	20	27.6	19.3	23.5	..	..	..	..	..	..	..	..	..	..	..

Late returns and corrections for May 2017

Auckland, North Shore	64	17.8	9.7	13.8	..	21.1	9	1.0	23	110	15	..	35	11	162
Hamilton, Ruakura 2 E	45	16.9	6.7	11.8	-0.1	..	..	-1.6	23	..	..	..	..	..	..
Masterton EWS	90	14.9	4.2	9.6	..	19.6	10	-1.1	22	73	18	..	12	11	154
Akitio EWS	245	11.8	6.1	9.0	..	..	..	..	..	121	21	..	21	11	147
Arapito EWS	18	16.0	7.4	11.7	..	20.8	17	0.0	21	184	16	..	29	17	120
Stephens Island	187	14.9	10.2	12.6	+0.7	17.5	9	6.0	21	106	14	..	36	10	..

Late returns and corrections for April 2017

Auckland, North Shore	64	20.9	13.9	17.4	..	24.8	3	8.3	26	278	17	..	111	12	..
Hamilton, Ruakura 2 E	45	20.9	11.3	16.1	+1.6	24.4	3	5.6	26	254	14	+171	81	4	176
Arapito EWS	18	19.3	10.5	14.9	..	22.1	2	7.2	24	197	16	..	39	11	123

Late returns and corrections for March 2017

Arapito EWS	18	21.1	12.0	16.6	..	23.8	27	6.3	9	165	15	..	44	21	158
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Late returns and corrections for February 2017

Arapito EWS	18	21.1	12.0	16.6	..	25.7	20	7.5	15	109	10	..	26	13	176
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Late returns and corrections for January 2017

Arapito EWS	18	19.0	11.8	15.4	..	21.2	30	7.6	5	379	26	..	98	18	128
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Late returns and corrections for November 2016

Pakuranga, Auckland R	15	19.7	13.3	16.5	+0.6
Arapito EWS	18	17.5	9.9	13.7	..	20.6	23	5.5	1	313	22	..	57	10	127

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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