



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	15.8	11.6	13.7	+0.2	18.6	16	6.9	7	..	..	..	..	..	..
Kaitaia Aero EWS	80	16.8	9.9	13.4	+0.6	20.5	3	4.0	30	148	17	+23	57	2	..
Kaitaia EWS	85	17.0	10.1	13.6	+0.8	20.4	3	4.1	30	156	20	-9	48	2	156
Kerikeri EWS	79	17.6	8.2	12.9	+0.8	20.6	15	0.7	30	319	17	+142	113	20	..
Kerikeri Aerodrome Aw	150	16.1	8.1	12.1	+0.3	19.1	15	1.8	30	272	29	+87	92	2	..
Kaikohe AWS	204	15.0	9.0	12.0	+0.2	..	..	3.7	30	252	27	+100	79	2	..
Trounson CWS	244	14.8	8.2	11.5	..	19.5	3	1.8	30	306	26	+77	57	2	..
Dargaville 2 EWS	66	16.0	9.4	12.7	+0.6	20.0	16	2.2	1	146	20	+35	26	20	139
Purerua AWS	82	16.4	9.8	13.1	..	19.1	3	5.2	7	262	18	..	81	2	..
Russell CWS	15	16.8	7.4	12.1	..	20.2	3	0.9	30	285	29	..	121	2	..
Whangarei Aero AWS	37	16.3	9.1	12.7	+0.3	..	..	2.3	30	340	20	+208	129	20	..
Whangarei EWS	12	16.8	7.7	12.3	..	21.0	3	0.5	30	308	18	..	132	20	136
Mokohinau AWS	60	15.7	12.6	14.2	+0.2	..	..	8.3	26	..	..	..	..	..	..
Leigh 2 EWS	27	16.1	10.5	13.3	-0.1	19.2	17	..	..	..	..	..	..	..	..
Warkworth EWS	72	15.4	6.9	11.2	+0.0	19.2	16	-1.2	30	244	20	+89	74	20	..
Whangaparaoa AWS	89	14.9	10.1	12.5	-0.1	19.3	16	5.8	27	145	19	+26	39	3	..
Tiri Tiri Lighthouse	76	15.0	10.0	12.5	-0.1	18.9	16	6.7	7	184	26	+88	57	3	..
Auckland, Whenuapai A	26	15.2	7.2	11.2	+0.0	18.9	18	-0.8	30	..	..	..	..	..	..
Auckland, North Shore	64	15.4	8.0	11.7	..	19.3	16	-0.5	30	214	22	..	39	3	116
Auckland, Henderson N	7	15.7	6.6	11.2	+0.0	19.6	16	-1.4	30	206	23	+53	32	24	..
Auckland, Motat EWS	16	15.7	7.6	11.7	..	19.4	16	0.5	30	185	21	..	30	3	128
Waiheke Island, Awaro	34	15.8	8.5	12.2	..	19.1	18	-0.5	27	200	14	+69	56	11	..
Whitianga Aero AWS	5	15.4	7.2	11.3	+0.2	19.0	18	-0.7	27	261	24	+56	63	3	..
Whitianga EWS	1	16.2	6.8	11.5	..	20.6	16	-1.2	30	292	20	..	73	3	..
Thames 2	3	15.0	7.5	11.3	+0.2	20.7	18	0.0	27	246	..	+126	..	..	114
Paeroa AWS	18	14.7	6.0	10.4	-0.1	19.2	18	-2.3	1	..	..	..	..	..	..
Toenepi EWS	48	14.2	4.9	9.6	-0.4	18.6	19	-1.9	1	..	..	..	..	..	..
Matamata, Hinuera EWS	85	14.4	4.7	9.6	+0.8	17.4	18	-2.8	27	113	17	..	33	3	..
Tauranga CWS	3	15.6	8.5	12.1	..	18.6	16	2.7	27	230	20	..	94	3	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	137
Tauranga Aero AWS	4	15.4	7.6	11.5	+0.5	18.8	19	1.4	30	195	15	+81	94	3	..
Whakatane Aero AWS	7	15.1	4.9	10.0	+0.5	..	..	-0.4	23	..	..	..	..	..	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	142
Whakatane EWS	1	15.5	5.5	10.5	..	18.5	4	0.2	27	147	13	..	62	3	..
White Island AWS	310	12.4	9.3	10.9	..	15.5	4	5.3	27	80	16	..	24	11	..
Mamaku Radar WXT AWS	817	10.0	5.4	7.7	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	15.9	5.0	10.5	..	19.4	16	-0.9	27	..	..	..	..	..	131
Rotorua EWS	288	13.1	4.2	8.7	..	16.2	19	-2.4	30	148	18	..	49	4	121
Rotorua Aero AWS	283	12.9	4.5	8.7	+0.2	15.9	4	-2.9	28	147	18	+14	47	4	..
Galatea AWS	174	13.6	3.1	8.4	..	18.0	12	-4.3	30	84	20	..	35	3	..
Taupo CWS	360	13.0	3.9	8.5	..	16.0	15	-2.4	30	124	21	..	28	3	..
Tarapounamu EWS	701	9.4	3.9	6.7	..	12.0	4	-1.3	23	157	22	..	38	3	..
Taupo AWS	400	12.1	3.4	7.8	+0.4	18.6	12	-4.9	30	86	15	-7	21	12	..
Motu EWS	488	11.4	3.0	7.2	+0.7	15.6	16	-4.9	28	241	16	-5	139	11	..
Auckland, Mangere EWS	5	14.6	7.4	11.0	-0.8	18.2	16	0.0	30	192	17	+73	42	11	124
Auckland Aero	7	15.1	8.1	11.6	-0.2	18.8	16	1.1	30	195	22	+87	43	11	..
Auckland Aero Backup	7	15.0	8.2	11.6	..	19.0	16	1.0	30	..	..	..	..	..	..
Ardmore Aero AWS	41	15.5	6.7	11.1	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	14.7	7.2	11.0	-0.1	18.4	19	0.2	27	202	17	+61	36	11	..
Firth Of Thames EWS	1	14.4	5.6	10.0	..	17.3	16	-1.6	1	164	19	..	36	3	..
Whatawhata 2 EWS	118	14.1	6.9	10.5	+0.5	17.3	16	1.0	30	195	17	+22	38	3	..
Hamilton, Ruakura 2 E	45	15.4	4.5	10.0	+0.4	19.3	18	-2.8	30	115	15	-1	30	3	119
Hamilton AWS	53	14.1	4.6	9.4	+0.0	17.8	18	-2.1	27	141	20	+16	30	3	..
Lake Karapiro CWS	55	14.4	6.8	10.6	..	18.2	18	1.1	30	146	17	..	44	3	..
Waikeria EWS	37	14.0	4.2	9.1	..	17.5	18	-2.9	30	159	20	..	33	3	114
Te Kuiti EWS	62	14.4	4.5	9.5	+0.2	18.2	18	-2.5	30	..	..	..	..	..	105
Pureora Forest CWS	549	10.4	3.1	6.8	..	13.2	12	-4.1	30	211	15	..	57	12	..
Taumarunui EWS	170	12.0	2.3	7.2	..	15.9	4	-3.7	27	144	19	..	28	12	..
Taumarunui AWS	195	13.0	2.7	7.9	..	16.7	4	-3.4	27	..	..	..	..	..	95
Turangi 2 EWS	350	12.9	1.8	7.4	+0.0	17.6	12	-4.5	30	112	14	-43	25	12	101
New Plymouth AWS	30	14.0	6.7	10.4	-0.2	16.8	16	-1.0	27	115	20	-33	34	18	140
Mt Ruapehu, Chateau E	1097	6.6	-0.8	2.9	-0.7	11.2	5	-6.6	22	255	23	-3	49	18	..
Pahiatua EWS	110	12.1	3.9	8.0	..	15.7	16	-2.5	30	146	22	..	33	12	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Masterton Aero AWS	138	12.7	3.4	8.1	..	17.4	16	-3.2	9	128	26	..	27	12	..
Masterton EWS	90	13.1	3.5	8.3	..	17.3	9	-2.2	23	140	22	..	32	12	92
Masterton, Te Ore Ore	110	13.6	4.5	9.1	..	..	..	..	..	..	..	..	..	..	..
Takapau Plains AWS	330	10.9	3.6	7.3	-0.5	15.4	16	-2.8	23	144	18	..	33	11	..
Dannevirke EWS	207	11.1	3.4	7.3	..	15.5	16	-2.9	23	90	18	..	29	12	51
Cape Turnagain AWS	292	10.7	7.5	9.1	..	14.3	16	3.8	27	144	17	..	30	12	..
Akitio EWS	245	10.8	6.1	8.5	..	14.5	16	1.5	23	134	19	..	28	18	89
Castlepoint AWS	120	12.5	8.1	10.3	-0.4	16.5	17	3.1	23	150	17	+42	29	18	..
Baring Head	79	12.0	7.6	9.8	..	14.9	4	2.2	23	54	15	..	23	18	..
Te Wharau, Brackenfie	292	11.5	4.8	8.2	..	16.1	16	-1.2	23	404	19	..	151	11	..
Martinborough EWS	20	12.7	4.3	8.5	-0.1	17.2	16	-1.8	23	95	19	..	22	18	73
Ngawi AWS	6	13.1	8.6	10.9	-0.4	17.4	16	3.4	22	259	19	..	169	12	..
Hicks Bay AWS	46	15.7	9.0	12.4	+0.5	18.8	4	1.9	27	162	19	-11	41	11	..
Gisborne AWS	5	15.2	6.5	10.9	+0.5	..	..	0.5	23	..	..	..	..	..	..
Gisborne EWS	12	15.1	6.2	10.7	..	19.6	14	1.4	23	215	16	..	79	11	..
Tolaga Bay WXT AWS	12	14.9	7.9	11.4	..	18.9	16	2.3	23	187	22	..	41	11	..
Tutira CWS	235	12.8	5.0	8.9	..	17.8	14	-0.6	23	272	16	..	142	11	..
Napier Aero AWS	3	14.6	5.3	10.0	+0.3	19.9	16	-0.4	23	113	15	+23	38	3	..
Napier EWS	7	14.6	4.8	9.7	..	20.1	16	-1.5	23	103	14	..	36	11	127
Maraekakaho CWS	150	13.8	3.8	8.8	..	18.8	16	-1.2	30	110	13	..	33	11	..
Hastings AWS	16	14.1	4.2	9.2	..	19.6	16	-1.1	30	136	16	..	56	11	..
Whakatu EWS	5	14.7	3.3	9.0	+0.2	19.8	16	-1.3	10	124	14	..	47	11	..
Ashcott Road CWS	212	11.8	3.5	7.7	..	15.4	24	-2.3	23	124	15	..	35	11	..
Waipawa EWS	130	12.8	2.8	7.8	..	17.9	14	-2.4	30	..	..	..	..	..	108
Wairoa, North Clyde E	15	15.3	6.1	10.7	+0.7	..	..	1.3	26	220	16	+98	71	11	..
Wairoa Aero AWS	13	14.2	5.1	9.7	..	19.0	14	0.5	23	..	..	..	..	..	..
Mahia Radar WXT AWS	419	10.9	7.3	9.1	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	13.3	8.6	11.0	+0.2	..	..	3.8	23	..	..	..	82	3	..
Cape Kidnappers WXT A	118	13.2	9.2	11.2	..	17.0	16	5.2	27	..	..	..	..	..	..
Paraparaumu Aero	5	13.5	5.6	9.6	-0.1	17.0	4	-2.3	22	76	19	-33	20	18	99
Paraparaumu Aero AWS	5	13.4	5.6	9.5	-0.1	17.0	4	-2.0	22	58	14	-57	18	18	111
Paraparaumu EWS	5	13.3	5.3	9.3	..	16.9	4	-2.3	22	65	12	-32	19	18	92
Ohakea AWS	50	13.0	6.2	9.6	..	16.7	16	0.6	22	..	..	..	..	..	..
Palmerston North AWS	40	12.9	5.6	9.3	+0.2	16.8	16	-1.5	28	..	..	..	..	..	..
Palmerston North EWS	21	12.9	5.5	9.2	-0.1	16.0	16	-1.6	29	92	14	-5	24	18	80
Levin AWS	14	13.8	4.9	9.4	+0.1	17.2	4	-2.2	22	73	18	-33	29	18	..
Levin EWS	23	13.8	4.6	9.2	..	17.1	4	-1.8	22	73	14	..	33	18	121
Mana Island AWS	100	11.5	7.9	9.7	..	14.4	4	3.2	22	64	18	..	20	18	..
Porirua, Elsdon Park	3	13.1	5.8	9.5	..	15.9	4	-1.3	29	106	22	..	28	18	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	80
Wellington, Kelburn A	125	11.8	7.3	9.6	-0.1	15.8	4	1.6	22	128	18	-10	34	18	..
Wellington Aero	4	12.8	7.8	10.3	-0.2	16.3	4	1.6	22	135	21	+35	41	18	..
Wellington, Greta Poi	3	13.4	7.6	10.5	..	..	..	..	..	..	..	..	..	..	..
Wellington Aero Backu	4	12.8	7.9	10.4	..	16.0	4	2.0	22	114	22	..	34	18	..
Upper Hutt, Trentham	50	12.0	3.4	7.7	..	15.4	16	-4.9	29	169	20	..	63	12	87
Stratford EWS	300	9.9	2.2	6.1	-2.3	13.8	15	-4.5	27	123	19	-73	40	18	100
Hawera AWS	98	12.7	5.8	9.3	-0.2	17.7	16	-0.7	27	106	22	-14	25	18	..
Ohakune EWS	607	9.5	1.4	5.5	-0.8	12.4	13	-5.5	22	161	17	+17	29	24	89
Waiouru Treatment Pla	806	8.7	1.3	5.0	+0.0	11.9	4	-4.0	27	138	21	+33	20	7	..
Waiouru Airstrip AWS	818	8.2	0.9	4.6	..	11.7	4	-5.4	27	129	25	..	22	7	..
Waiouru EWS	806	8.3	1.6	5.0	..	11.9	4	-3.8	27	144	27	..	28	7	..
Flat Hills WXT AWS	263	11.9	4.4	8.2	..	16.3	4	-1.7	22	85	24	-5	16	16	..
Wanganui, Spriggins Pa	15	13.4	5.7	9.6	-0.8	18.2	16	-0.5	22	89	16	+0	23	18	..
Wanganui AWS	8	13.6	6.6	10.1	-0.3	17.3	16	1.0	22	78	17	-13	23	18	..
Wanganui 2 AWS	18	14.7	5.7	10.2	..	19.0	16	0.0	22	..	..	..	..	..	..
Farewell Spit AWS	3	14.1	8.2	11.2	+0.7	17.1	16	3.0	27	95	16	-53	51	18	..
Westport Aero AWS	2	13.9	5.4	9.7	+0.4	17.6	13	2.0	7	83	12	-147	23	25	..
Westport EWS	6	15.0	6.7	10.9	..	19.0	13	1.4	27	88	12	..	25	16	140
Arapito EWS	18	14.0	4.9	9.5	..	18.1	19	0.9	22	129	9	..	50	16	109
Hokitika Aero	39	12.8	3.8	8.3	+0.1	16.2	11	-0.3	7	105	13	-169	29	9	123
Hokitika AWS	38	12.6	3.7	8.2	+0.0	16.3	11	-0.2	7	111	18	-156	33	9	139
Hokitika EWS	39	12.9	3.6	8.3	..	16.4	11	-0.4	7	94	11	..	29	9	..
Reefton EWS	198	10.8	0.9	5.9	+0.0	17.9	13	-3.6	21	58	9	-142	21	24	93

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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	mm	Hrs		
Greymouth Aero EWS	5	12.1	5.3	8.7	..	15.9	13	1.5	27	102	11	..	26	24	121
Pigeon Creek CWS	105	12.1	4.1	8.1	..	18.4	13	-2.2	29	130	12	..	49	24	..
Mt Philistine EWS	1655	2.8	-2.6	0.1	..	6.9	8	-7.5	6	17	17	..	5	9	..
Mahanga EWS	1995	1.4	-4.4	-1.5	..	5.2	1	-10.6	7	29	16	..	9	27	..
Ivory Glacier CWS	1390	5.9	-0.4	2.8	..	11.1	5	-4.9	26	99	14	..	44	9	..
Okarito	2	13.0	3.2	8.1	+0.0	..	..	-0.4	3	248	10	-14	86	9	..
Franz Josef EWS	80	12.6	1.8	7.2	-0.2	16.6	4	-1.5	28	222	13	..	93	9	182
Haast AWS	5	12.7	5.2	9.0	+0.9	15.8	7	0.8	7	..	..	..	..	..	..
Milford Sound	3	10.2	1.7	6.0	+0.1	..	..	..	..	218	13	-269	72	9	..
Milford Sound AWS	3	8.9	1.6	5.3	-0.3	..	..	..	..	..	..	..	..	..	..
Castle Mount EWS	2000	1.5	-4.4	-1.5	..	7.0	8	-11.4	6	51	19	..	9	9	..
Secretary Island AWS	19	13.0	6.6	9.8	+0.4	16.4	11	2.6	6	..	..	..	..	..	..
Puysegur Point AWS	44	11.2	6.4	8.8	+0.2	..	..	4.2	2	97	19	-114	16	9	..
Stephens Island	187	12.5	7.9	10.2	+0.1	15.5	10	2.5	21	62	12	..	21	16	..
Motueka, Riwaka EWS	8	13.4	2.0	7.7	+0.1	17.4	5	-2.8	22	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	12.9	7.2	10.1	+0.3	16.0	10	1.5	27	95	17	-57	26	18	..
Nelson Aero	2	13.3	2.7	8.0	+0.1	16.4	5	-1.8	22	31	8	-61	18	18	156
Appleby 2 EWS	18	13.2	-0.1	6.6	-1.5	16.4	5	-5.2	22	40	7	..	25	18	161
Richmond EWS	1	13.9	2.3	8.1	..	16.9	14	-2.2	22	32	10	..	17	18	173
Nelson AWS	4	13.1	2.7	7.9	-0.2	16.1	14	-1.5	22	33	18	..	16	18	..
Blenheim Research EWS	4	13.5	3.7	8.6	+0.1	18.5	16	-1.3	23	39	11	-24	20	18	151
Wairau Valley, Mill R	172	12.8	2.5	7.7	..	17.3	15	-3.1	23	32	11	..	16	18	..
Blenheim Aero AWS	35	13.3	2.3	7.8	+0.1	17.2	17	-3.4	27	41	15	-31	16	18	..
Brothers Island AWS	68	12.5	9.1	10.8	-0.3	14.8	16	6.7	8	64	15	..	29	18	..
Grassmere Salt Works	2	12.4	5.9	9.2	+0.1	17.8	16	-0.1	24	146	14	+85	61	12	..
Cape Campbell AWS	2	11.9	8.1	10.0	-0.2	14.5	16	3.9	23	160	16	+95	69	12	..
Boyle River Lodge	600	9.4	-0.6	4.4	+0.1	15.0	10	-5.8	27	70	..	-138	34	24	..
Hanmer Forest EWS	363	10.7	-0.8	5.0	+0.0	18.2	10	-6.6	22	155	18	+56	47	12	..
Kaikoura, Middle Cree	5	11.8	4.4	8.1	..	16.2	24	-2.1	23	..	..	..	..	..	..
Kaikoura AWS	105	11.1	6.5	8.8	-0.3	16.2	10	2.9	6	178	14	+103	86	12	..
Arthurs Pass	745	6.3	-0.3	3.0	+0.1	10.0	16	-5.4	1	88	13	-313	31	24	..
Arthurs Pass EWS	745	6.5	-0.1	3.2	+0.4	10.2	16	-5.1	1	85	18	-288	28	24	..
Arthurs Pass AWS	743	6.2	-0.3	3.0	..	10.2	5	-5.2	1	107	26	..	35	24	..
Culverden AWS	181	11.0	2.0	6.5	..	18.5	10	-5.1	22	63	15	..	21	12	..
Medbury CWS	232	11.4	2.0	6.7	..	18.1	10	-4.8	22	55	12	..	16	12	..
Balmoral East CWS	172	10.8	1.3	6.1	..	17.7	10	-5.3	23	54	13	..	14	12	..
Waipara North Branch	560	9.5	1.5	5.5	..	15.0	15	-4.8	22	100	20	..	19	3	..
Waiiau School CWS	136	11.7	2.5	7.1	..	..	..	..	..	128	16	..	50	12	..
Cheviot EWS	75	11.9	3.7	7.8	..	19.7	10	-3.7	23	115	16	..	59	12	..
Upper Rakaia EWS	1752	2.8	-3.4	-0.3	..	8.2	8	-9.5	7	49	17	..	10	7	..
Mt Potts EWS	2128	0.7	-5.4	-2.4	..	6.8	8	-12.0	7	10	10	..	6	13	..
Mt Cook EWS	730	6.8	-1.7	2.6	-0.7	13.6	16	-8.4	3	159	20	-163	60	9	78
Mueller Hut EWS	1818	2.5	-4.0	-0.8	..	8.0	3	-9.9	6	70	16	..	16	10	..
Mt Cook Aero AWS	659	6.8	-3.0	1.9	..	13.8	5	-10.4	3	102	22	..	34	9	..
Methven, Three Spring	305	9.9	1.4	5.7	..	14.8	7	-4.1	23	..	..	..	..	..	..
Methven CWS	313	10.7	2.1	6.4	..	15.9	7	-3.2	23	55	13	..	21	5	..
Winchmore 2 EWS	164	10.7	1.4	6.1	..	14.9	24	-5.6	23	39	14	..	12	5	110
Chertsey CWS	108	10.4	3.3	6.9	..	..	..	..	..	41	12	..	12	5	..
Peel Forest	286	10.8	0.9	5.9	+0.4	17.0	7	-4.0	23	60	13	+1	15	5	..
Lismore, Racemans Hou	168	10.6	2.2	6.4	..	15.4	7	-4.1	23	35	12	..	9	5	..
Ashburton Aero AWS	89	10.3	2.1	6.2	..	14.9	24	-5.1	23	43	17	..	9	5	106
Wakanui 2 CWS	53	10.4	3.2	6.8	..	14.7	24	-3.4	23	32	14	..	7	18	..
Waipara West EWS	130	11.9	3.5	7.7	..	17.6	10	-1.9	22	60	11	..	21	5	117
West Eyreton, Larunde	88	10.5	3.3	6.9	..	15.8	9	-3.4	23	..	..	..	..	..	..
Ohoka CWS		10.7	3.5	7.1	..	16.3	24	-3.8	23	96	20	..	28	12	..
Rangiora EWS	23	11.3	3.7	7.5	+1.0	17.1	24	-3.8	23	82	10	..	28	12	89
Christchurch Aero	37	11.0	3.7	7.4	+1.0	16.4	24	-4.4	22	92	18	+34	24	5	..
Christchurch Aero Bac	37	10.8	3.6	7.2	..	16.0	24	-5.0	23	90	18	..	24	5	..
Christchurch Gardens	7	11.4	4.4	7.9	+0.8	16.6	24	-2.8	23	101	15	+40	25	5	..
Christchurch, Kyle St	6	12.1	3.7	7.9	+1.0	17.3	24	-3.9	23	95	13	..	23	5	..
Lincoln, Broadfield E	18	10.6	3.8	7.2	+0.5	16.0	24	-4.2	23	59	16	+2	18	5	90
Sugar Loaf AWS	496	8.7	4.0	6.4	..	13.1	9	-0.3	7	..	..	..	..	..	..
Diamond Harbour EWS	122	10.4	5.1	7.8	..	15.4	9	0.7	22	82	15	..	21	5	82

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		
Dorie CWS @ Leferinks	55	10.6	3.3	7.0	..	14.8	24	-4.6	23	45	16	..	15	5	..
Akaroa EWS	45	11.1	5.3	8.2	+0.1	16.2	24	1.0	23	104	14	+3	35	12	63
Le Bons Bay AWS	236	9.7	5.5	7.6	-0.7	15.3	9	1.7	7	..	..	..	..	..	..
Lake Tekapo, Air Safa	762	6.8	-2.1	2.4	-0.2	16.5	30	-7.1	5	21	8	-39	10	24	..
Lake Tekapo EWS	762	6.4	-1.6	2.4	-0.2	15.0	9	-5.4	22	18	8	..	11	24	131
Fairlie AWS	403	9.5	1.2	5.4	..	15.0	9	-3.4	22	22	11	..	8	24	..
Pukaki Aerodrome AWS	473	6.5	-1.8	2.4	..	15.2	9	-6.4	30	24	22	..	8	24	..
Hakataramea Valley Cw	355	8.9	-0.9	4.0	..	15.6	9	-7.0	1	17	12	..	7	10	..
Orari Estate	81	10.8	2.0	6.4	+0.8	16.1	7	-3.8	23	40	14	-7	9	10	..
Orari Estate CWS	81	10.7	2.3	6.5	..	16.1	7	-3.7	23	35	13	..	7	10	..
Timaru Aero AWS	26	10.6	1.8	6.2	+0.6	16.0	7	-4.3	23	40	14	+1	14	10	..
Timaru EWS	17	10.1	2.8	6.5	+0.0	15.1	7	-2.9	23	31	15	-6	9	10	..
Waimate CWS	39	10.7	2.1	6.4	..	15.6	7	-3.4	23	26	13	..	12	10	..
Oamaru Airport AWS	30	10.3	2.4	6.4	+0.3	..	..	-2.8	22	..	..	..	..	..	..
Albert Burn	1280	4.3	-2.4	1.0	..	9.4	8	-6.2	6	..	..	..	..	..	..
Mt Larkins EWS	1900	0.6	-4.1	-1.8	..	5.9	7	-10.9	6	14	13	..	3	13	..
Eglinton, Knobs Flat	365	7.2	-1.3	3.0	..	12.3	15	-5.9	5	15	10	..	5	9	..
Tara Hills AWS	488	6.9	-2.0	2.5	-0.4	14.7	9	-7.8	23	17	12	-29	4	24	..
Wanaka CWS	331	7.5	-0.2	3.7	..	12.7	9	-2.6	21	17	9	..	7	23	..
Wanaka Aero AWS	352	7.3	0.0	3.7	-0.4	14.4	9	-3.9	21	16	10	-44	7	23	..
Windsor EWS	81	10.5	0.0	5.3	-0.2	15.0	9	-5.0	22	13	10	-21	5	10	..
Ranfurly EWS	450	7.4	-2.4	2.5	-0.3	13.8	9	-9.2	1	15	8	-15	8	6	..
Oamaru AWS	40	10.8	2.5	6.7	-0.4	15.4	7	-1.8	23	34	21	..	8	4	..
Palmerston	21	11.3	0.9	6.1	+0.3	14.5	14	-5.0	23	21	12	-21	6	5	98
Middlemarch EWS	213	8.9	-1.8	3.6	-0.7	..	..	-8.5	2	..	..	..	..	..	98
Swampy Summit AWS	722	5.9	0.8	3.4	..	12.6	15	-2.9	6	..	..	..	..	..	..
Dunedin Aero AWS	1	9.9	-0.1	4.9	-0.7	15.5	9	-6.2	1	32	19	-15	12	5	..
Dunedin, Musselburgh	4	10.2	4.1	7.2	-0.1	12.9	24	-0.6	23	25	16	-33	10	5	87
Oamaru EWS	20	10.3	2.5	6.4	..	14.8	9	-3.2	23	24	13	..	6	10	114
Murchison Mtns EWS	1140	4.4	-0.6	1.9	..	10.3	8	-4.8	6	83	13	..	30	9	..
Takahe Valley CWS	895	1.7	-4.7	-1.5	..	7.3	15	-8.7	4	..	..	..	..	..	..
Te Anau At Park HQ Cw	204	7.4	1.6	4.5	..	12.7	9	-0.9	23	..	..	..	..	..	..
Manapouri, West Arm J	178	5.7	0.7	3.2	-0.7	10.5	9	-2.9	4	188	14	..	47	9	..
Manapouri Aero AWS	209	7.5	0.1	3.8	-0.4	13.5	9	-2.7	22	64	20	-41	13	5	..
Birchwood WXT AWS	147	9.0	1.1	5.1	..	16.4	9	-3.3	4	65	22	..	18	25	..
Queenstown EWS	322	8.0	0.0	4.0	..	13.2	9	-3.8	4	36	8	..	12	23	..
Queenstown Aero AWS	354	7.8	-1.5	3.2	-0.7	13.8	9	-6.0	5	31	15	-41	10	23	134
Five Rivers CWS	260	8.6	-1.0	3.8	..	17.1	9	-7.0	4	47	18	..	15	25	..
Lumsden AWS	187	8.2	-0.5	3.9	-0.8	16.6	9	-5.9	3	41	17	..	14	25	..
Cromwell EWS	213	7.8	-0.4	3.7	-0.4	16.0	9	-3.7	21	7	6	..	3	23	62
Lauder EWS	375	6.4	-2.1	2.2	-0.8	15.2	9	-6.4	2	12	13	-19	3	15	..
Ophir 2	305	6.7	-3.2	1.8	..	15.0	9	-7.4	30	15	10	..	3	10	..
Alexandra	150	7.0	-1.3	2.9	-0.8	17.2	9	-5.1	30	19	9	..	5	23	65
Alexandra CWS	140	6.9	-0.7	3.1	..	17.5	9	-3.5	30	14	6	..	6	23	..
Clyde 2 EWS	170	7.2	-1.2	3.0	..	17.1	9	-4.0	24	14	11	..	7	23	..
Alexandra AWS	230	6.2	-1.3	2.5	..	16.8	9	-4.0	30	17	15	..	5	23	..
Roxburgh WXT AWS	160	8.3	1.5	4.9	..	15.9	9	-2.3	4	..	..	..	..	..	..
Ettrick No.2	91	9.2	0.7	5.0	+0.0	16.3	9	-3.4	3	26	7	-21	9	5	..
Tapanui	180	8.9	0.0	4.5	-1.0	14.0	15	..	..	65	16	-11	18	6	..
Winton 2	44	10.2	0.4	5.3	-0.6	16.3	10	-4.5	3	77	14	-6	26	26	80
Gore AWS	123	8.2	0.7	4.5	-0.8	12.8	9	-5.0	4	56	18	-21	14	5	..
Gore EWS	60	8.4	0.3	4.4	..	13.2	9	-5.8	4	53	15	..	16	25	100
Invercargill Aero	1	9.4	0.7	5.1	-0.8	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	1	9.5	0.8	5.2	-0.7	16.1	9	-5.0	3	66	22	..	13	25	..
Invercargill Aero 2 E		9.6	0.6	5.1	..	15.9	9	-5.0	3	69	17	..	15	5	98
Tiwai Point EWS	5	9.6	2.6	6.1	-0.8	14.4	9	-2.3	4	59	18	-34	15	5	..
Balclutha, Finegand	6	9.5	1.7	5.6	-0.2	14.4	17	-4.0	1	53	15	-5	15	5	..
Balclutha, Telford Ew	11	9.3	0.6	5.0	..	15.4	16	-5.3	1	42	15	..	15	5	79
Nugget Point AWS	129	8.8	3.8	6.3	-0.5	13.4	16	0.0	3	33	14	-51	9	5	..
Tautuku	25	9.4	2.9	6.2	-0.6	12.5	16	-1.0	2	46	11	-80	11	5	..
South West Cape AWS	101	10.3	6.5	8.4	+0.6	13.0	9	3.2	6	12	6	-113	8	5	..
Solomon, Munda	6	..	24.3	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.5	23.7	27.6	..	..	..	22.2	25	..	..	..	..	..	..

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	
Solomon, Henderson	9	31.0	22.6	26.8	..	..	..	20.5	17	..	..	..	..	..	
Solomon, Santa Cruz	24	..	23.7	..	..	..	..	..	..	..	..	..	..	..	
Vanuatu,Pekoa	56	29.3	22.5	25.9	..	..	..	19.0	28	103	15	..	54	2	
Vanuatu, Bauerfield	20	26.8	18.3	22.6	..	..	28.8	14	..	..	..	..	..	..	
Vanuatu,Burtonfield	70	..	17.7	..	..	..	..	..	..	..	..	..	..	..	
New Cal, Oulop	7	25.4	17.5	21.5	..	..	27.9	1	10.6	21	..	..	..	..	
New Cal, La Roche	42	25.0	14.1	19.6	..	..	28.3	1	7.7	25	..	..	..	..	
New Cal, La Tontouta	14	25.2	14.7	20.0	..	..	28.4	16	11.3	12	..	..	..	..	
New Cal, Moue	97	23.5	17.1	20.3	..	..	25.1	14	12.5	25	..	..	..	..	
Kiribati,Tarawa	2	..	25.9	..	..	..	..	..	..	..	..	..	..	..	
Kiribati, Bonriki Int	4	32.7	26.0	29.4	..	..	34.2	5	..	..	..	..	..	..	
Kiribati,Beru	2	31.9	25.8	28.9	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nanumea Is	2	..	26.2	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nui Is	2	31.2	25.7	28.5	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Funafuti Aero	1	31.8	26.7	29.3	..	..	..	..	..	..	..	..	..	..	
Fiji,Nadi Aero	15	29.2	20.7	25.0	..	..	31.2	7	..	..	..	..	..	..	
Fiji, Nadi EWS	15	29.2	21.0	25.1	..	..	31.4	7	16.7	30	51	6	..	32	1
Fiji,Nausori Aero	6	27.8	21.1	24.5	..	..	..	..	17.4	29	..	..	..	..	..
Kiribati, Kanton Isl	2	33.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.8	25.2	27.5	..	..	30.7	9	23.6	22	..	..	..	..	..
Samoa,Faleolo	4	31.1	23.4	27.3	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.4	23.9	27.2	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.0	25.7	27.9	..	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	31.2	24.1	27.7	..	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	29.4	23.7	26.6	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	27.3	18.7	23.0	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	27.2	23.0	25.1	..	..	..	..	19.6	30	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.3	20.9	23.6	..	..	29.1	13	17.1	16	..	..	..	..	..
CI Rarotonga Aero	7	27.7	21.0	24.4	..	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	7	26.9	21.1	24.0	..	..	31.4	8	15.9	29	61	10	..	19	30
Hiva Hoa, Atuona	51	29.0	22.7	25.9	..	..	30.6	7	20.8	2	163	23	..	28	25
Tahiti - Faaa	1	29.7	22.6	26.2	..	..	31.5	7	19.9	12	28	9	..	24	17
Tuamotu, Hao	3	28.3	24.3	26.3	..	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	25.0	20.9	23.0	..	..	26.8	2	18.5	19	98	20	..	37	18
Tubuai	2	25.0	19.9	22.5	..	..	27.2	26	15.1	20	..	..	..	..	..
Rapa	1	22.0	17.5	19.8	..	..	23.8	9	12.1	4	155	16	..	59	27
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	135
Raoul Island AWS	49	20.6	15.5	18.1	..	..	23.7	4	12.0	8	..	..	..	..	181
Enderby Is AWS	40	8.3	5.5	6.9	..	..	10.0	8	1.6	26	66	26	..	12	4
Chatham Island EWS	12	12.5	6.0	9.3	..	..	15.5	15	-0.1	24	53	18	..	21	5
Chatham Island Aero A	12	12.5	6.1	9.3	..	..	15.8	15	0.3	24	..	..	..	..	..
Georg Von Neumayer	40	-15.3	-24.6	-20.0	..	..	-3.7	4	-35.6	14	..	..	..	..	..
Ant South Pole	2827	-48.9	-54.6	-51.8	..	..	-36.2	17	-67.3	27	..	..	..	..	..
Gen Belgrano 2	256	-12.0	-18.2	-15.1	..	..	-3.5	17	-34.6	29	..	..	..	..	..
Bellingshausen	16	-2.0	-5.1	-3.6	..	..	8.2	17	-14.1	27	..	..	..	..	..
Base Jubany	4	-2.2	-6.0	-4.1	..	..	2.5	8	-14.8	26	..	..	..	..	..
V C Marambio	198	-9.9	-17.7	-13.8	..	..	5.7	4	-29.1	25	..	..	..	..	..
Eduardo Frei	10	-3.4	-5.3	-4.4	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat		-3.0	-5.0	-4.0	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	-2.4	-6.0	-4.2	..	..	0.8	5	-14.6	27	..	..	..	..	..
Bernado Ohiggins	10	-5.1	-7.5	-6.3	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	-0.9	-5.5	-3.2	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-3.6	-7.4	-5.5	..	..	2.8	3	-17.1	30	..	..	..	..	..
Argentine Is, Faraday	11	-1.6	-5.3	-3.5	..	..	5.1	15	-10.7	30	..	..	..	..	..
Gen San Martin	4	-3.9	-9.1	-6.5	..	..	5.4	8	-18.4	30	..	..	..	..	..
King Sejong	11	-1.7	-5.8	-3.8	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-10.5	-15.2	-12.9	..	..	-4.4	2	-24.6	13	..	..	..	..	..
Maitri		-9.8	-16.5	-13.2	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-9.9	-16.4	-13.2	..	..	-3.4	17	-27.0	14	..	..	..	..	..
Mawson	16	-11.4	-17.5	-14.5	..	..	-4.3	18	-24.4	3	..	..	..	..	..
Davis	13	-11.4	-16.2	-13.8	..	..	-5.1	24	-25.6	30	..	..	..	..	..
Progress	64	-11.8	-13.7	-12.8	..	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-13.3	-15.7	-14.5	..	..	..	-27.7	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	
Vostok	3420	-60.4	-64.8	-62.6	..	-40.6	3	-73.7	30	..	..	..	..	..	
Casey	41	-9.0	-16.5	-12.8	..	-1.2	1	..	..	..	..	..	..	..	
Durmont Durville	43	-17.0	-21.9	-19.5	..	-10.9	1	-28.4	24	..	..	..	..	..	
Mcmurdo	24	-16.2	-24.5	-20.4	..	-8.4	19	-35.8	15	4	7	..	1	29	
Ant Scott Base	19	-16.9	-27.5	-22.2	..	-8.4	20	-38.7	15	..	..	..	..	..	
Ant Arrival Heights E	218	-17.5	-25.6	-21.6	..	-9.8	19	-33.7	15	..	..	..	..	..	
Ant Scott Base EWS	20	-17.1	-27.3	-22.2	..	-8.7	19	-38.0	15	..	..	..	..	..	
Darwin Airport	31	31.2	15.8	23.5	..	33.4	20	12.0	8	..	..	..	..	..	
Hobart Airport	4	20.7	4.8	12.8	..	31.0	8	0.5	11	23	11	..	10	16	

Late returns and corrections for May 2018

Thames 2	3	18.5	9.4	14.0	+0.6	23.0	..	0.5	31	107	..	+17	20	11	..
Palmerston North EWS	21	15.8	8.0	11.9	+0.4	21.7	16	0.8	28	120	18	+37	25	20	100
Waiouru Treatment Pla	806	11.8	4.5	8.2	+1.0	17.8	3	-3.7	31	134	22	+40	21	24	..
Taihape Rec	433	15.2	4.6	9.9	+0.9	21.0	4	-3.1	31	94	..	+15	19	24	..
Reefton EWS	198	13.2	4.8	9.0	+0.5	18.9	2	-2.9	29	196	21	+29	37	22	88
Mt Philistine EWS	1655	4.0	-1.3	1.4	..	15.0	3	-8.1	29	102	25	..	20	20	..
Secretary Island AWS	19	13.6	7.9	10.8	-0.2	18.2	13	3.9	25	..	..	..	..	..	..
Stephens Island	187	14.5	10.5	12.5	+0.6	19.0	9	..	..	..	..	..	..	..	..
Wairau Valley, Mill R	172	15.2	6.7	11.0	..	..	..	..	..	101	17	..	25	12	..
Grassmere Salt Works	2	15.8	8.5	12.2	+0.7	21.2	8	1.1	30	77	12	+26	16	16	..
Boyle River Lodge	600	11.6	2.2	6.9	-0.2	19.5	4	..	..	252	..	+91	52	22	..
Ashburton Council	101	14.3	4.0	9.2	+0.3	21.0	7	-1.0	30	42	12	-21	14	16	..
Takahe Valley CWS	895	4.9	-1.7	1.6	..	10.8	2	-6.7	29	241	21	..	40	21	..
Manapouri, West Arm J	178	8.2	3.1	5.7	-0.9	14.5	4	-2.4	30	453	19	..	56	21	..
Lauder EWS	375	10.7	1.2	6.0	-0.5	18.8	8	-6.1	30	27	13	-6	10	20	..
Ettrick No.2	91	12.8	0.3	6.6	-0.8	20.6	8	-5.3	30	18	7	-28	8	20	..
Tapanui	180	12.2	1.1	6.7	-1.0	..	..	..	..	56	..	-38	22	20	..
Stewart Is	3	11.9	4.7	8.3	-0.3	..	..	-6.0	25	197	..	+45	24	20	..

Late returns and corrections for April 2018

Auckland, Henderson N	7	21.3	12.1	16.7	+0.7	25.4	3	7.3	26	176	22	+76	64	28	..
Thames 2	3	21.0	12.1	16.6	+0.7	24.8	4	..	..	160	16	+56	58	13	..
Palmerston North EWS	21	18.3	9.8	14.1	+0.2	..	..	..	..	..	..	..	..	..	..
Stephens Island	187	17.1	12.3	14.7	+1.0	21.0	7	..	..	91	9	..	47	9	..
Waimate CWS	39	16.3	6.5	11.4	..	..	..	..	..	115	10	..	58	28	..
Manapouri, West Arm J	178	11.2	5.8	8.5	-0.9	17.6	2	-1.1	14	504	24	..	57	16	..
Stewart Is	3	13.5	6.8	10.2	-0.4	22.5	2	2.4	18	269	..	+136	..	..	..

Late returns and corrections for March 2018

Stephens Island	187	20.4	14.4	17.4	+1.9	25.5	4	..	..	97	9	..	24	24	..
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Late returns and corrections for February 2018

Eyrewell, Ngai Tahu E	72	21.0	10.9	16.0	..	30.6	1	4.4	23	..	..	..	..	..	..
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Late returns and corrections for January 2018

Eyrewell, Ngai Tahu E	72	23.2	14.7	19.0	..	30.4	24	..	..	..	..	..	..	..	..
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Late returns and corrections for December 2017

Eyrewell, Ngai Tahu E	72	22.4	11.5	17.0	..	30.9	8	5.2	29	..	..	..	..	..	..
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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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