

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	18.3	13.0	15.7	+0.1	20.9	30	9.9	13	45	16	-12	9	15	..
Kaitaia Aero EWS	80	20.6	12.3	16.5	+0.7	..	..	5.4	14	54	11	-19	19	15	..
Kaitaia Observatory	85	20.4	11.9	16.2	..	24.2	26	5.7	14	77	13	-10	22	15	204
Kaitaia EWS	85	19.9	11.9	15.9	+0.0	23.9	26	5.4	14	65	13	-17	21	15	214
Kerikeri EWS	79	21.2	12.1	16.7	+0.9	..	..	..	..	69	12	-39	20	16	..
Kerikeri Aerodrome Aw	150	21.0	11.2	16.1	+0.4	26.2	9	5.6	14	75	15	-39	24	19	..
Kaikohe AWS	204	21.1	12.4	16.8	+1.8	25.8	26	7.4	14	65	15	-31	18	16	..
Dargaville 2 EWS	66	19.7	12.3	16.0	+0.4	25.5	27	5.9	14	77	15	+23	30	16	182
Purerua AWS	82	19.1	12.2	15.7	..	22.4	11	6.9	14	64	10	..	22	19	..
Whangarei Aero AWS	37	21.6	12.7	17.2	+0.7	27.4	27	5.4	14	50	14	-26	21	28	..
Whangarei EWS	12	21.8	11.0	16.4	..	27.2	28	2.2	14	36	12	..	11	16	196
Mokohinau AWS	60	18.7	13.9	16.3	-0.1	..	..	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	22.5	12.4	17.5	+1.3	27.1	26	8.5	13	65	11	-4	39	16	..
Warkworth EWS	72	19.9	10.7	15.3	+0.1	25.6	27	2.7	14	78	14	-14	35	16	..
Whangaparaoa AWS	89	20.4	12.5	16.5	+0.4	24.4	28	8.2	13	81	15	+20	21	16	..
Auckland, Whenuapai A	26	20.3	11.0	15.7	+0.3	25.5	27	2.3	14	..	..	..	..	..	..
North Shore, Auckland	20	20.1	12.9	16.5	+0.2	..	..	..	..	..	..	..	..	..	..
Auckland, North Shore	64	19.8	11.6	15.7	..	25.1	27	4.6	14	76	13	..	22	21	205
Auckland, Henderson N	7	21.9	11.0	16.5	+0.3	27.4	27	3.1	14	94	15	-1	25	21	..
Lincoln Rd, Auckland	25	20.6	11.7	16.2	+0.2	25.7	27	4.7	14	..	..	..	..	..	..
Waiheke Island, Awaro	34	21.0	11.9	16.5	..	25.2	26	4.1	14	97	11	+16	24	27	..
Whitianga Aero AWS	5	20.6	11.1	15.9	+0.1	26.2	26	3.3	13	106	17	+2	30	21	..
Whitianga EWS	1	21.1	10.6	15.9	..	26.6	26	3.0	13	93	13	..	28	21	..
Thames 2	3	20.9	11.1	16.0	+0.0	24.7	7	3.0	13	79	10	+5	20	21	203
Paeroa AWS	18	20.6	10.2	15.4	-0.4	24.8	26	2.3	13	104	13	+19	39	21	..
Holland Road, Hamilto	45	20.2	9.1	14.7	..	25.0	29	1.8	14	107	10	..	25	27	..
Toenepe EWS	48	20.2	9.8	15.0	-0.1	24.6	29	2.6	13	23	8	..	6	16	..
Matamata, Hinuera EWS	106	20.5	8.6	14.6	+0.1	25.4	26	0.5	13	130	10	..	35	21	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	241
Tauranga Aero AWS	4	20.7	11.6	16.2	+0.3	26.4	9	4.3	14	88	12	+14	20	21	..
Te Puke EWS	91	20.4	9.9	15.2	+0.3	27.4	9	1.8	14	107	10	+5	26	21	..
Whakatane Aero AWS	7	20.4	10.1	15.3	+0.0	25.4	11	1.6	14	65	12	-11	26	16	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	264
White Island AWS	310	17.5	10.8	14.2	..	21.4	29	6.8	13	47	13	..	20	16	..
Mamaku Radar WXT AWS	617	15.5	7.9	11.7	..	21.1	29	2.8	13	..	..	..	..	..	..
Kawerau AWS	42	23.1	10.1	16.6	..	30.5	9	2.8	14	..	..	..	..	..	241
Rotorua EWS	288	19.8	8.8	14.3	..	26.0	9	0.9	14	99	10	..	22	27	255
Rotorua Aero AWS	283	19.1	8.3	13.7	-0.2	23.6	26	1.2	14	93	10	-1	21	4	..
Galatea AWS	174	20.6	8.7	14.7	..	28.5	9	-0.3	14	71	11	..	16	16	..
Taupo WXT AWS	385	19.1	8.9	14.0	..	24.6	26	1.0	14	47	10	..	13	21	..
Tarapounamu EWS	701	16.7	6.7	11.7	..	26.1	9	0.1	14	185	14	..	44	28	..
Taupo AWS	400	19.0	7.6	13.3	+0.2	24.3	9	-1.3	14	85	11	+17	22	15	..
Motu EWS	488	17.6	7.9	12.8	+0.8	23.9	8	-0.1	14	194	13	+20	65	27	..
Otamatuna, Te Mapou H	624	16.9	7.0	12.0	..	24.5	9	-0.2	14	108	12	..	27	16	..
Auckland, Mangere EWS	5	20.7	12.6	16.7	+0.6	26.8	26	7.1	14	70	10	+4	18	21	198
Pakuranga, Auckland R	15	22.5	12.6	17.6	+1.7	..	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	19.8	10.6	15.2	-0.7	..	..	..	..	..	..	..	..	..	..
Auckland Aero	7	20.0	12.5	16.3	+0.1	..	..	6.6	14	81	10	+9	21	21	..
Auckland Aero Backup	7	19.9	12.5	16.2	..	..	..	6.8	14	..	..	..	..	..	..
Auckland, Ardmore	23	21.9	9.1	15.5	+0.3	26.0	30	2.6	14	87	8	-3	26	21	..
Pukekohe EWS	88	19.8	10.4	15.1	+0.0	24.5	26	3.6	14	114	10	+16	32	21	..
Firth Of Thames EWS	1	20.0	9.6	14.8	..	23.1	26	1.4	13	110	10	..	29	21	..
Whatawhata 2 EWS	118	20.3	10.7	15.5	+0.8	27.1	25	2.6	13	143	15	+12	47	21	..
Hamilton, Ruakura 2 E	45	20.7	9.7	15.2	+0.3	25.1	27	2.1	14	107	12	+24	26	21	204
Hamilton AWS	53	20.0	8.7	14.4	-0.3	24.3	27	1.8	13	115	12	+26	28	21	..
Lake Karapiro CWS	55	20.8	11.0	15.9	..	27.4	29	4.7	13	86	13	..	23	27	..
Port Taharoa AWS	27	17.4	11.8	14.6	-0.9	22.4	30	5.8	13	127	16	..	36	21	..
Waikeria 2	46	..	8.9	..	..	..	..	..	..	92	..	+10	..	..	..
Te Kuiti EWS	62	19.2	7.6	13.4	-1.4	23.8	26	-0.1	13	130	14	+14	37	21	199
Pureora Forest CWS	549	16.8	6.2	11.5	..	21.5	26	-1.5	13	94	14	..	27	21	..
Taumarunui	171	20.6	8.2	14.4	+0.1	26.0	26	0.6	6	138	20	+12	30	15	..
Taumarunui EWS	170	20.1	8.2	14.2	..	25.4	26	0.6	6	127	13	..	28	15	..
Taumarunui AWS	195	20.3	7.8	14.1	..	25.5	26	-0.6	6	135	16	..	27	15	205

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Turangi 2 EWS	350	19.0	6.0	12.5	-0.8	25.5	9	-3.7	6	104	12	-21	23	15	237
New Plymouth AWS	30	17.5	9.7	13.6	-0.6	21.1	6	3.4	14	61	15	-43	18	3	236
Lower Retaruke CWS	233	19.5	7.9	13.7	..	24.3	26	-0.4	6	41	13	-89	15	15	..
Mt Ruapehu, Chateau E	1097	14.3	2.6	8.5	+0.1	20.5	7	-4.2	13	308	16	+72	79	15	..
Pahiatua EWS	110	16.3	7.4	11.9	..	23.2	9	-2.4	14	92	14	..	18	3	..
Alfredton RAWs	240	18.1	8.9	13.5	..	24.7	9	-1.6	14	61	14	..	13	3	..
Masterton Aero AWS	138	19.5	6.5	13.0	..	26.2	26	-1.4	6	46	12	..	11	3	..
Masterton EWS	90	19.4	6.8	13.1	..	25.9	26	-0.9	6	31	12	..	8	3	233
Masterton, Te Ore Ore	110	20.5	8.1	14.3	..	26.8	26	0.5	14	38	10	-31	12	4	..
Kopua	311	18.3	7.7	13.0	-0.3	26.0	27	-1.3	14	72	9	+0	28	4	..
Takapau Plains AWS	330	17.4	7.3	12.4	-0.8	24.6	27	-0.3	14	78	18	..	31	4	..
Dannevirke EWS	207	17.3	7.9	12.6	..	24.4	27	-1.7	14	95	13	..	20	15	218
Waione RAWs	48	19.8	9.3	14.6	-0.3	27.1	27	-1.1	14	54	13	-15	13	4	..
Akitio EWS	245	14.9	7.7	11.3	..	22.1	27	1.3	14	66	9	..	22	4	233
Castlepoint Station	10	18.8	12.5	15.7	+0.9	24.5	27	..	..	39	8	-29	10	3	..
Castlepoint AWS	120	17.1	10.7	13.9	-0.5	22.9	27	5.1	14	19	10	-52	4	4	..
Baring Head	79	15.6	10.2	12.9	..	19.9	22	4.7	6	15	6	..	6	3	..
Te Wharau, Brackenfie	292	18.6	7.6	13.1	..	23.8	25	-0.3	..	38	9	..	14	3	..
Martinborough EWS	20	18.2	7.8	13.0	-1.0	23.6	30	-0.9	14	11	8	..	2	30	192
Ngawi AWS	6	18.8	11.4	15.1	-0.3	25.1	7	5.2	6	28	8	..	12	3	..
Hicks Bay AWS	46	18.4	12.2	15.3	+0.1	..	..	2.9	14	..	..	..	..	..	..
Gisborne AWS	5	20.3	10.9	15.6	-0.2	27.6	26	4.4	14	94	12	+31	58	4	239
Gisborne EWS	12	21.2	11.4	16.3	..	28.8	26	4.8	14	83	12	..	45	4	..
Tolaga Bay WXT AWS	12	19.2	11.6	15.4	..	27.0	26	6.9	2	117	13	..	62	4	..
Tutira CWS	235	19.0	9.1	14.1	..	26.3	26	0.8	14	121	14	..	66	4	..
Napier Aero AWS	3	20.1	10.0	15.1	-0.2	30.3	26	2.1	14	68	11	+12	37	4	..
Hastings AWS	16	20.9	9.5	15.2	..	31.7	26	1.5	14	69	12	..	33	4	..
Whakatu EWS	5	19.7	8.1	13.9	-0.6	28.6	26	1.2	14	59	9	..	29	4	..
Ashcott Road CWS	212	18.7	7.4	13.1	..	27.4	27	-0.5	14	66	12	..	29	4	..
Waipawa EWS	130	19.7	7.1	13.4	..	29.1	27	-0.2	14	54	10	..	25	4	227
Wairoa, North Clyde E	15	20.7	10.3	15.5	-0.2	29.3	26	3.7	14	169	14	+94	88	4	..
Mahia Radar WXT AWS	419	16.2	9.7	13.0	..	24.2	25	4.3	13	..	..	..	..	..	..
Mahia AWS	136	17.7	11.1	14.4	-0.5	25.2	28	..	..	127	17	+51	82	4	..
Cape Kidnappers WXT A	118	16.6	11.7	14.2	..	24.1	26	6.6	19	..	..	..	..	..	..
Paraparaumu Aero	5	17.0	10.1	13.6	-0.3	20.7	30	2.5	14	51	14	-28	14	3	191
Paraparaumu Aero AWS	5	16.8	9.9	13.4	-0.5	20.5	30	2.4	14	45	12	-35	11	3	226
Ohakea AWS	50	18.0	9.7	13.9	..	24.5	27	2.5	6	..	..	..	..	..	..
Palmerston North AWS	39	18.5	9.2	13.9	-0.2	24.9	30	0.4	14	65	15	-10	12	30	..
Palmerston North EWS	21	17.9	9.5	13.7	-0.5	24.6	30	1.9	14	81	15	+2	26	27	156
Levin AWS	14	17.4	9.7	13.6	-0.4	23.8	30	1.7	14	90	17	-9	23	27	..
Mana Island AWS	100	14.4	9.9	12.2	..	19.8	30	5.2	6	28	11	..	11	3	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	195
Wellington, Kelburn A	125	16.3	10.0	13.2	-0.2	22.8	30	4.1	6	60	14	-38	18	3	..
Wellington Aero	4	16.9	10.9	13.9	-0.6	22.1	22	5.1	6	37	8	-38	10	3	..
Wellington, Greta Poi	3	18.0	11.6	14.8	..	22.8	29	7.2	6	37	9	..	15	3	..
Wellington Aero Backu	4	17.0	10.9	14.0	..	22.2	22	5.0	6	41	11	..	12	3	..
Upper Hutt, Trentham	50	17.6	8.9	13.3	..	24.2	30	-0.3	14	61	12	..	19	3	204
Stratford EWS	300	16.4	7.2	11.8	-0.7	19.7	9	0.4	14	105	13	-47	28	27	205
Hawera AWS	98	17.0	8.7	12.9	-0.2	23.4	27	-0.2	6	104	14	+10	25	27	..
Ohakune EWS	607	16.8	5.7	11.3	-0.3	22.3	9	-2.5	6	97	15	-27	24	15	216
Waiouru Treatment Pla	806	16.2	4.2	10.2	+0.0	21.0	7	-1.9	6	78	15	-1	24	4	..
Waiouru Airstrip AWS	818	15.1	3.9	9.5	..	20.6	26	-2.9	14	92	17	..	28	4	..
Taihape Rec	433	18.9	5.8	12.4	-0.6	25.0	30	-2.0	14	91	13	+22	27	15	..
Flat Hills WXT AWS	263	17.3	8.5	12.9	..	23.1	30	0.3	6	62	15	-23	25	15	..
Wanganui, Spriggens Pa	15	18.2	10.3	14.3	-0.6	25.5	27	3.1	6	61	12	-14	19	4	..
Wanganui AWS	8	17.4	9.9	13.7	-0.8	24.6	27	2.4	6	..	..	..	..	..	..
Wanganui 2 AWS	18	18.5	9.6	14.1	..	25.1	27	1.8	6	..	..	..	..	..	..
Takaka EWS	20	19.3	7.7	13.5	-0.5	25.0	10	1.8	5	72	12	-87	17	3	219
Farewell Spit AWS	3	17.7	11.0	14.4	-0.3	20.9	25	7.5	6	51	15	-29	13	20	..
Westport Aero AWS	2	16.8	9.3	13.1	-0.1	19.1	26	5.2	5	78	15	-90	17	3	..
Arapito EWS	18	17.4	9.7	13.6	..	20.6	25	3.6	13	115	21	..	34	3	177
Hokitika Aero	39	16.3	9.2	12.8	+0.2	19.4	26	3.0	13	141	18	-84	26	27	184
Hokitika AWS	38	16.2	9.1	12.7	+0.1	18.9	26	2.6	13	144	17	-53	30	27	227

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Reefton EWS	198	19.1	8.3	13.7	+0.3	26.6	9	0.6	5	58	13	-104	14	27	170
Greymouth Aero EWS	5	15.8	9.7	12.8	..	18.5	12	5.8	5	148	16	..	34	21	200
Pigeon Creek CWS	105	16.8	8.9	12.9	..	21.9	9	1.8	5	347	17	..	73	20	..
Mt Philistine EWS	1655	4.9	-0.5	2.2	..	..	..	-4.9	5	..	..	..	..	..	..
Mahanga EWS	1995	5.6	-1.5	2.1	..	12.5	6	-7.1	13	165	20	..	45	20	..
Okarito	2	16.1	8.9	12.5	-0.2	18.1	26	4.4	13	202	18	-64	42	26	..
Franz Josef	155	16.0	8.6	12.3	+0.5	..	..	..	..	339	..	-148	75	20	..
Franz Josef EWS	80	16.6	8.4	12.5	+0.9	20.5	9	3.6	13	296	21	..	71	26	144
Franz Josef AWS	118	16.0	..	..	..	..	..	..	..	..	..	..	..	..	..
Haast AWS	5	15.5	8.4	12.0	+0.1	18.1	30	4.1	13	262	22	..	52	26	..
Milford Sound	3	15.7	7.7	11.7	+0.0	20.1	26	4.4	5	599	18	+51	131	23	..
Milford Sound AWS	3	16.2	7.7	12.0	-0.2	20.3	26	3.9	5	616	22	..	134	23	..
Castle Mount EWS	2000	4.1	-4.3	-0.1	..	10.6	9	-10.3	18	481	22	..	163	26	..
Secretary Island AWS	19	14.3	8.4	11.4	-0.5	18.7	30	3.9	18	325	20	-30	55	2	..
Puysgur Point AWS	44	13.8	8.1	11.0	-0.1	21.3	26	4.0	13	209	22	+6	44	2	..
Motueka, Riwaka EWS	8	20.5	7.8	14.2	+0.0	27.0	27	1.1	5	60	10	-39	30	3	..
Pelorus Sd, Crail Bay	13	18.3	10.0	14.2	-0.4	24.0	30	5.2	6	79	13	-72	32	3	..
Nelson Aero	2	19.3	9.2	14.3	+0.0	23.7	24	1.9	5	21	8	-57	6	11	254
Appleby 2 EWS	18	19.5	6.1	12.8	-1.2	25.7	25	-1.2	5	32	7	..	14	3	267
Richmond EWS	1	19.3	8.3	13.8	..	24.0	24	0.6	5	27	7	..	11	3	281
Nelson AWS	4	18.6	9.6	14.1	-0.5	23.4	24	2.4	5	26	6	..	11	3	..
Blenheim Research EWS	4	20.7	9.2	15.0	+0.3	26.9	26	0.9	5	3	4	-48	1	27	280
Wairau Valley, Mill R	172	20.1	7.9	14.0	..	27.8	26	-0.8	5	24	10	..	8	11	..
Blenheim Aero AWS	35	21.1	7.7	14.4	+0.1	27.3	25	-1.2	13	5	6	-50	2	11	..
Brothers Island AWS	68	15.4	11.0	13.2	-0.6	20.3	30	7.8	5	..	..	..	..	..	..
Cape Campbell AWS	2	15.5	10.8	13.2	-0.5	21.2	22	7.3	6	13	8	-29	3	3	..
Boyle River Lodge	600	18.3	5.5	11.9	+0.4	25.4	30	-3.0	5	182	18	+0	59	27	..
Hanmer Forest EWS	363	20.0	4.7	12.4	+0.3	29.1	7	-1.1	6	42	9	-52	11	12	..
Kaikoura, Middle Cree	5	18.7	6.0	12.4	..	29.5	27	1.2	6	43	12	..	10	3	..
Kaikoura AWS	105	18.0	9.3	13.7	+0.4	27.4	27	4.7	12	24	7	-35	9	3	..
Arthurs Pass	738	13.8	4.1	9.0	-0.4	21.4	9	-3.0	5	417	15	-7	81	27	..
Arthurs Pass EWS	738	13.8	5.0	9.4	-0.1	21.2	9	-2.4	5	429	17	+38	75	27	..
Culverden AWS	181	18.8	7.6	13.2	..	27.6	7	-1.0	5	23	11	..	6	3	..
Waipara North Branch	560	16.5	6.3	11.4	..	24.3	7	-3.0	5	35	13	..	10	11	..
Cheviot EWS	75	20.3	7.3	13.8	..	31.3	26	0.1	6	34	8	..	14	3	251
Upper Rakaia EWS	1752	6.0	-1.4	2.3	..	11.5	6	-6.6	5	208	23	..	52	26	..
Mt Potts EWS	2128	5.2	-2.3	1.5	..	14.8	10	-8.9	5	125	18	..	44	26	..
Mt Cook EWS	730	16.4	4.1	10.3	-0.6	23.5	10	-2.4	19	377	17	+10	166	26	163
Mueller Hut EWS	1818	6.3	-0.6	2.9	..	15.2	30	-6.0	12	607	22	..	291	26	..
Mt Cook Aero AWS	659	16.8	4.9	10.9	..	23.9	10	-3.3	19	199	16	..	89	26	..
Snowdon RAWS	560	15.8	5.1	10.5	-1.6	..	..	..	..	44	9	..	13	3	..
Methven, Three Spring	305	17.8	6.3	12.1	..	26.7	26	0.0	5	46	11	..	10	8	..
Methven CWS	313	18.0	..	..	..	..	..	..	..	42	10	..	15	11	..
Methven AWS	345	17.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Chertsey CWS	108	18.2	7.3	12.8	..	27.3	25	-0.3	5	14	10	..	4	3	..
Winchmore EWS	160	18.9	5.7	12.3	-0.5	27.8	25	-2.0	5	14	9	-44	4	3	..
Peel Forest	286	18.5	5.5	12.0	+0.1	28.0	25	-2.0	5	71	11	-27	15	27	..
Lismore, Racemans Hou	168	17.8	7.1	12.5	..	27.2	26	-1.3	5	23	12	..	5	11	..
Ashburton Council	101	20.3	7.3	13.8	+0.2	30.7	26	0.0	5	12	8	-47	3	28	..
Ashburton Aero AWS	89	19.0	6.7	12.9	..	29.2	26	-1.2	5	13	11	..	4	3	245
Wakanui 2 CWS	53	18.0	6.9	12.5	..	..	..	..	..	..	..	..	..	..	..
Waipara West EWS	130	20.0	8.6	14.3	..	28.1	26	0.7	5	21	9	..	7	11	273
West Eyreton, Larunde	88	18.2	7.0	12.6	..	27.3	26	-0.6	5	..	..	..	..	..	..
Rangiora EWS	23	18.9	6.9	12.9	-0.2	29.5	26	-1.5	5	11	6	..	4	11	254
Eyrewell, Ngai Tahu W	210	18.0	7.3	12.7	..	26.3	25	-0.2	5	20	8	..	7	11	..
Christchurch Aero	37	19.5	7.5	13.5	+0.0	29.1	26	-2.7	5	16	8	-30	5	11	240
Christchurch Aero Bac	37	19.4	7.5	13.5	..	28.9	26	-2.8	5	16	7	..	5	11	..
Christchurch Gardens	7	20.1	8.4	14.3	+0.2	29.6	25	0.1	5	29	8	-17	13	1	..
Christchurch, Kyle St	6	21.2	9.1	15.2	+1.1	30.1	25	-0.5	5	11	5	..	9	11	..
Christchurch, New Bri	12	16.6	10.3	13.5	..	25.8	27	3.8	5	..	..	..	..	..	..
Lincoln, Broadfield E	18	19.2	8.1	13.7	+0.4	30.0	25	-1.7	5	13	8	-36	4	11	..
Sugar Loaf AWS	496	16.3	7.1	11.7	..	..	..	2.0	12	..	..	..	..	..	..
Diamond Harbour EWS	123	17.6	8.6	13.1	..	26.3	25	1.3	5	32	6	..	24	11	276

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	
Leeston RAWs	15	21.1	7.9	14.5	..	31.4	26	-0.5	5	9	8	..	3	11	..
Dorie CWS @ Leferinks	55	18.5	7.7	13.1	..	27.9	25	-0.7	5	29	16	..	5	23	..
Akaroa EWS	45	19.0	9.0	14.0	+0.0	27.9	25	2.8	5	17	10	-53	9	11	261
Le Bons Bay AWS	236	15.8	8.2	12.0	+0.0	23.6	25	3.4	19	14	9	..	4	11	..
Lake Tekapo, Air Safa	762	17.9	4.5	11.2	+0.0	25.7	10	-2.9	19	35	9	-6	17	27	..
Lake Tekapo EWS	762	18.1	4.8	11.5	+0.4	25.7	10	-3.3	19	34	6	..	15	27	275
Fairlie AWS	403	17.4	6.2	11.8	..	27.3	10	-0.1	5	0	0	..	0	1	..
Pukaki Aerodrome AWS	473	20.4	4.4	12.4	..	28.4	10	-2.9	5	42	8	..	12	26	..
Hakataramea Valley Cw	355	19.5	6.1	12.8	..	..	..	-1.4	5	..	..	..	..	..	..
Orari Estate	81	19.0	5.8	12.4	-0.4	28.9	25	-0.8	5	24	10	-30	6	3	..
Orari Estate CWS	81	19.1	6.7	12.9	..	28.9	25	..	..	21	9	..	6	27	..
Timaru Aero AWS	26	18.7	5.5	12.1	-0.2	28.7	24	-0.9	5	21	10	-29	6	27	..
Timaru EWS	17	17.2	7.3	12.3	-0.5	28.4	24	0.0	5	22	10	-25	5	27	..
Waimate CWS	39	17.9	6.7	12.3	..	28.3	24	-0.5	5	18	11	..	6	11	..
Oamaru Airport AWS	30	17.0	6.3	11.7	-0.3	26.6	24	0.8	6	24	9	-18	8	27	..
Albert Burn	1280	11.2	3.2	7.2	..	19.3	9	-1.8	4	307	21	..	68	26	..
Mt Larkins EWS	1900	4.1	-5.7	-0.8	..	13.0	9	-13.4	18	113	20	..	40	26	..
Eglinton, Knobs Flat	365	16.3	4.9	10.6	..	24.3	9	-1.9	5	184	15	..	39	26	..
Tara Hills AWS	488	19.5	5.8	12.7	+0.5	27.5	10	-1.9	5	34	7	-8	17	26	..
Wanaka CWS	305	18.4	7.3	12.9	..	23.4	9	-0.2	16	32	7	..	15	26	..
Wanaka Aero AWS	352	19.3	6.7	13.0	+0.0	24.9	9	..	..	..	..	..	..	..	..
Naseby Forest 2	607	18.3	3.2	10.8	+0.3	24.5	15	-6.2	1	34	8	-23	12	3	..
Windsor EWS	81	18.1	5.4	11.8	-0.5	27.4	25	-0.3	5	20	8	-17	7	27	..
Ranfurly EWS	450	18.0	4.4	11.2	-0.1	23.6	26	-3.9	19	22	8	-14	10	3	..
Oamaru AWS	40	17.1	6.9	12.0	-0.5	27.5	24	1.7	5	25	12	..	6	27	..
Palmerston	21	17.6	5.4	11.5	-0.4	27.5	24	-2.2	5	37	11	-6	17	27	178
Middlemarch EWS	213	18.4	5.2	11.8	-0.3	26.7	24	-3.9	19	28	8	..	10	8	177
Waitati AWS	35	15.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Swampy Summit AWS	722	12.8	3.2	8.0	..	22.4	24	-1.8	19	..	..	..	..	..	..
Dunedin Aero AWS	1	18.0	5.4	11.7	-0.4	27.4	26	-1.5	5	35	15	-15	7	21	..
Dunedin, Musselburgh	4	16.5	7.6	12.1	-0.3	27.6	25	1.9	19	54	14	-2	14	27	216
Oamaru EWS	20	17.2	7.0	12.1	..	28.5	24	2.1	5	22	10	..	8	27	237
Takahe Valley CWS	895	10.2	0.9	5.6	..	17.0	9	-3.2	5	190	21	..	35	26	..
Te Anau At Park HQ Cw	204	16.2	6.0	11.1	..	22.1	26	0.0	5	..	..	..	..	..	..
Manapouri, West Arm J	178	15.0	5.7	10.4	-0.3	22.2	9	0.2	18	412	20	..	105	23	..
Manapouri Aero AWS	209	16.5	4.7	10.6	-0.4	..	..	..	..	..	..	..	..	..	..
Birchwood WXT AWS	147	15.6	6.7	11.2	..	24.4	26	0.9	19	79	17	..	14	2	..
Queenstown	329	19.3	6.9	13.1	-0.1	24.9	25	2.1	5	41	11	-33	16	26	223
Queenstown Aero AWS	354	17.7	5.5	11.6	-0.3	24.2	26	-1.2	5	30	10	-38	12	26	188
Five Rivers CWS	260	16.6	5.7	11.2	..	24.9	26	-1.6	19	63	15	..	14	14	..
Lumsden AWS	187	16.7	5.7	11.2	-0.2	24.1	26	-2.4	19	6	2	..	5	27	..
Waipounamu CWS	152	16.7	5.8	11.3	..	24.2	26	-1.4	19	54	17	..	12	26	..
Riversdale Aquifer @	125	16.9	5.8	11.4	..	25.4	26	-1.2	19	52	18	..	18	26	..
Cromwell EWS	213	21.0	6.6	13.8	+0.1	26.6	24	0.0	5	26	8	..	16	26	262
Lauder EWS	375	18.4	5.3	11.9	-0.2	..	..	..	..	27	4	-14	15	26	..
Ophir 2	305	19.2	3.7	11.5	..	26.2	30	-4.0	5	25	5	..	12	26	..
Alexandra	150	21.2	5.5	13.4	-0.8	27.2	25	-3.1	1	24	11	..	15	26	241
Alexandra CWS	140	19.8	6.6	13.2	..	26.3	25	-0.5	5	29	15	..	18	26	..
Clyde 2 EWS	170	20.5	5.5	13.0	..	27.5	25	-1.3	5	23	5	..	16	26	..
Alexandra AWS	230	19.6	6.1	12.9	..	..	..	-1.1	5	..	..	..	..	..	..
Roxburgh WXT AWS	160	18.4	7.1	12.8	..	26.8	25	1.3	5	23	13	..	7	26	..
Ettrick No.2	91	19.1	5.6	12.4	-0.1	..	..	-2.5	19	24	9	-30	7	3	..
Tapanui	180	17.2	5.4	11.3	-0.1	23.5	25	-0.9	19	76	..	+3	18	26	..
Waitutu CWS	30	15.9	5.9	10.9	..	25.0	26	0.2	13	209	18	..	47	2	..
Winton 2	44	17.1	6.2	11.7	-0.1	25.6	25	0.5	13	83	14	+7	15	26	179
Gore AWS	123	16.5	6.2	11.4	+0.0	24.0	26	1.0	19	79	17	-5	12	26	..
Invercargill Aero	1	15.9	6.3	11.1	-0.3	23.4	25	0.8	13	81	16	-9	15	7	218
Invercargill Aero AWS	1	15.7	6.2	11.0	-0.4	23.6	25	1.0	13	84	17	..	15	21	..
Invercargill Aero 2 E		16.1	5.6	10.9	..	23.8	25	-0.1	13	89	18	..	16	21	199
Tiwai Point EWS	5	15.4	7.0	11.2	-0.6	23.8	26	-0.6	19	76	18	-11	11	2	..
Stewart Is	3	15.2	6.2	10.7	-0.2	..	..	2.0	13	148	..	+20	..	..	..
Balclutha, Finegand	6	17.7	6.7	12.2	+0.0	25.8	25	-0.4	19	46	16	-5	13	26	..
Balclutha, Telford Ew	11	16.8	5.4	11.1	..	24.4	25	-2.3	19	38	16	..	12	26	234

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	
Nugget Point AWS	129	15.3	6.9	11.1	-0.1	22.8	24	3.2	18	48	18	-18	9	11	..
Tautuku	25	16.5	6.4	11.5	+0.2	25.5	26	1.5	13	104	16	-7	13	2	..
South West Cape AWS	101	13.3	7.3	10.3	-0.3	21.3	26	3.5	3	111	19	+2	29	2	..
Kiribati,Cassidy Chri	3	..	25.0	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.0	..	..	..	..	24.0	4	98	14	..	24	30	..
Solomon, Auki	11	..	24.2	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.1	24.4	28.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.9	23.5	27.7	..	33.2	2	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.5	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	30.8	25.1	28.0	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	31.2	23.5	27.4	..	32.2	18	..	..	..	..	..	..	..	..
Vanuatu,Lamap	22	32.0	24.0	28.0	..	..	..	20.5	22	94	12	..	41	28	..
Vanuatu, Bauerfield	20	30.6	21.2	25.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	29.3	18.0	23.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	27.8	22.9	25.4	..	..	..	..	..	65	4	..	50	19	..
New Cal, Oulop	7	27.7	21.8	24.8	..	29.6	29	15.7	6	..	..	..	..	..	..
New Cal, Ouanaham	29	27.1	20.2	23.7	..	28.7	25	12.9	5	..	..	..	..	..	..
New Cal, Poinoimie	13	27.0	22.4	24.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Roche	42	27.0	18.0	22.5	..	29.3	16	11.4	7	..	..	..	..	..	..
New Cal, La Tontouta	14	30.6	18.3	24.5	..	35.3	26	13.3	4	..	..	..	..	..	..
New Cal, Moue	97	26.5	19.5	23.0	..	28.8	27	14.7	3	..	..	..	..	..	..
Kiribati,Butaritari	2	32.3	26.2	29.3	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	26.0	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.5	25.8	28.7	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	32.0	22.8	27.4	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi EWS	15	32.1	23.1	27.6	..	35.5	20	21.0	27	27	5	..	26	23	..
Fiji,Nausori Aero	6	28.5	22.4	25.5	..	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.8	25.1	27.5	..	32.2	7	23.2	3	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.2	25.2	27.7	..	32.5	4	24.1	3	..	..	..	..	..	..
Samoa,Faleolo	4	31.3	24.3	27.8	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	32.2	25.8	29.0	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.5	26.0	28.3	..	32.3	18	..	..	..	..	..	..	..	..
Tonga, Lupepau	67	27.2	21.9	24.6	..	29.0	7	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	27.2	22.7	25.0	..	29.2	20	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	27.4	20.4	23.9	..	29.7	19	..	..	..	..	..	..	..	..
Niue, Hanan Airport O	59	..	21.0	..	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	..	22.4	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	30.4	24.4	27.4	..	..	..	23.0	6	112	12	..	32	23	..
Hiva Hoa, Atuona	51	31.9	24.2	28.1	..	35.9	7	23.0	5	195	23	..	53	26	..
Tahiti - Faaa	1	30.4	24.2	27.3	..	31.8	24	21.4	9	79	12	..	34	1	..
Tuamotu, Takaraoa	2	29.2	26.9	28.1	..	30.4	5	23.6	7	..	..	..	..	..	..
Tuamotu, Hao	3	28.9	24.7	26.8	..	..	..	22.5	30	..	..	..	..	..	..
Tuamotu, Hereheretue	3	28.2	23.7	26.0	..	..	..	20.4	7	..	..	..	..	..	..
Gambier, Rikitea	91	25.7	21.0	23.4	..	28.0	25	18.2	8	78	12	..	38	5	..
Tubuai	2	26.6	21.6	24.1	..	29.0	20	16.7	4	..	..	..	..	..	..
Rapa	1	23.0	19.7	21.4	..	26.6	17	15.0	9	82	15	..	28	1	..
Pitcairn Island AWS	264	23.0	19.1	21.1	..	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	158
Raoul Island AWS	49	22.3	15.6	19.0	..	24.7	24	11.7	16	89	12	..	30	5	..
Enderby Is AWS	40	10.0	5.9	8.0	..	12.4	25	1.6	18	173	28	..	35	7	..
Campbell Island AWS	19	9.1	4.8	7.0	-0.2	12.3	26	1.7	3	119	25	+13	34	26	..
Chatham Island EWS	12	15.6	7.6	11.6	..	19.3	26	-2.5	20	33	11	..	16	20	..
Chatham Island Aero A	12	15.7	7.8	11.8	..	19.6	26	-2.9	20	42	14	..	18	20	..
Georg Von Neumayer	40	-5.9	-12.8	-9.4	..	-1.2	24	-22.7	4	..	..	..	..	..	..
Ant South Pole	2827	-32.9	-38.0	-35.5	..	-24.9	9	-50.0	3	..	..	..	..	..	..
Halley Bay	30	-8.1	-16.3	-12.2	..	-1.0	26	-28.3	6	..	..	..	..	..	..
Gen Belgrano 2	256	-2.8	-10.7	-6.8	..	..	..	..	..	..	..	..	..	..	..
Bellingshausen	16	-0.7	-3.1	-1.9	..	..	..	..	..	..	..	..	..	..	..
Base Jubany	4	0.3	-2.5	-1.1	..	..	..	..	..	..	..	..	..	..	..
Dinamet	10	-0.2	-2.8	-1.5	..	..	..	..	..	..	..	..	..	..	..
V C Marambio	198	-1.2	-8.1	-4.7	..	8.0	27	-16.6	6	..	..	..	..	..	..
Eduardo Frei	10	-0.7	-3.4	-2.1	..	0.7	28	-7.7	5	..	..	..	..	..	..

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
Arturo Prat		0.6	-3.0	-1.2	..	4.4	22	-9.1	4	..	..	..	..	..	..
Great Wall	10	0.2	-2.7	-1.3	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-0.7	-4.4	-2.6	..	1.0	20	-12.6	5	..	..	..	..	..	..
Palmer Station	8	0.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-1.2	-5.3	-3.3	..	3.4	27	-11.3	4	..	..	..	..	..	..
Argentine Is, Faraday	11	0.2	-5.0	-2.4	..	3.0	13	-12.3	2	..	..	..	..	..	..
Gen San Martin	4	0.4	-7.0	-3.3	..	7.0	28	-16.5	5	..	..	..	..	..	..
King Sejong	11	1.4	-3.2	-0.9	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-4.2	-5.3	-4.8	..	2.4	24	..	..	..	..	..	..	..	..
Mawson	16	-1.2	-9.3	-5.3	..	8.2	11	-14.9	9	..	..	..	..	..	..
Davis	13	-1.8	-9.1	-5.5	..	..	..	..	..	..	..	..	..	..	..
Progress	64	-2.6	-7.2	-4.9	..	4.9	26	-11.4	7	..	..	..	..	..	..
Mirnyj	30	-4.2	-10.7	-7.5	..	2.3	29	-16.0	17	..	..	..	..	..	..
Vostok	3420	-34.7	-46.2	-40.5	..	-24.0	30	-60.1	2	..	..	..	..	..	..
Casey	41	-2.4	-9.8	-6.1	..	..	..	-21.0	2	..	..	..	..	..	..
Wilkins Runway East	755	-8.2	-17.0	-12.6	..	..	..	..	..	..	..	..	..	..	..
Durmunt Durville	43	-4.5	-11.0	-7.8	..	0.8	23	-18.4	2	..	..	..	..	..	..
Mcmurdo	24	-6.9	-13.7	-10.3	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base	19	-7.3	-16.4	-11.9	..	1.6	29	-27.3	8	..	..	..	..	..	..
Ant Arrival Heights E	218	..	-15.7	..	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base EWS	20	-7.3	-16.0	-11.7	..	1.8	29	-24.5	6	..	..	..	..	..	..
Darwin Airport	31	22.3	15.6	19.0	..	24.7	24	11.7	16	85	8	..	45	14	..
Hobart Airport	4	22.3	15.4	18.9	..	24.7	24	11.7	16	25	10	..	14	12	..

Late returns and corrections for October 2015

Kerikeri EWS	79	19.9	8.8	14.4	+0.2	..	..	..	..	71	7	-60	27	24	..
Castlepoint Station	10	18.1	8.4	13.3	+0.0	..	..	..	..	52	7	-25	17	23	..
Martinborough EWS	20	17.4	6.3	11.9	-0.2	23.1	7	-1.0	9	20	9	..	9	29	219
Waiouru Treatment Pla	806	14.6	3.4	9.0	+0.6	19.4	7	-2.9	9	61	16	-39	28	23	..
Stephens Island	187	14.8	9.7	12.3	+0.9	17.5	25	6.9	9	52	8	..	21	29	..
Blenheim Research EWS	4	19.3	8.0	13.7	+0.8	26.6	16	1.9	30	6	6	-57	4	8	271
Grassmere Salt Works	2	18.8	9.4	14.1	+0.8	26.3	4	..	..	12	7	-30	4	21	..
Boyle River Lodge	600	16.4	4.6	10.5	+1.0	22.1	..	-2.0	24	192	..	-42	37	1	..
Winchmore EWS	160	18.4	4.6	11.5	+0.5	27.4	6	-1.0	9	11	6	-47	5	29	..
Rangiora EWS	23	18.2	4.7	11.5	+0.2	27.8	7	0.1	9	12	6	..	5	28	266
Lake Tekapo EWS	762	17.8	4.1	11.0	+2.2	23.4	6	-2.2	24	19	8	..	4	17	291
Timaru EWS	17	17.8	6.3	12.1	+1.0	28.2	7	1.5	9	17	7	-29	9	29	..
Manapouri, West Arm J	178	13.3	5.5	9.4	+0.5	18.0	28	1.9	30	539	27	..	148	16	..
Lauder EWS	375	17.6	3.5	10.6	+0.6	22.1	3	-3.2	30	25	7	-9	11	26	..
Ettrick No.2	91	18.5	3.2	10.9	+0.4	27.2	7	-0.5	31	42	7	-11	19	16	..
Winton 2	44	16.5	5.2	10.9	+0.8	24.5	6	1.0	25	103	17	+28	43	16	191
Stewart Is	3	14.2	6.1	10.2	+0.6	20.0	..	3.0	28	191	..	+43	39	16	..
Balclutha, Finegand	6	17.0	6.2	11.6	+1.1	25.0	7	3.0	26	100	16	+39	43	16	..

Late returns and corrections for September 2015

Blenheim Research EWS	4	14.9	4.9	9.9	-1.1	..	..	..	..	54	10	-1	20	1	225
Manapouri, West Arm J	178	11.3	2.5	6.9	-0.2	16.2	27	-2.4	8	196	15	..	32	14	..
Stewart Is	3	11.5	4.0	7.8	-0.6	17.0	17	0.0	8	93	..	-30	15	16	..

Late returns and corrections for August 2015

Manapouri, West Arm J	178	7.4	1.4	4.4	-0.2	11.3	27	-2.7	11	217	22	..	38	3	..
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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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