



Climate Database Statistics Report

October 2021

A report of monthly climate data and differences from normal:
current observations, late returns and corrections

Summary of the records of Temperature, Rainfall and Sunshine October 2021

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	°C	°C	mm	mm	mm	mm	Hrs		
Cape Reinga AWS	213	17.5	12.9	15.2	+0.7	21.0	27	9.7	13	78	21	+17	19	23	..
Kaitaia Aero EWS	80	18.8	12.0	15.4	+0.9	22.2	20	4.3	15	175	14	+82	55	23	..
Kaitaia Aero AWS	77	19.0	11.9	15.5	..	22.0	20	5.0	14	..	..	..	..	..	..
Kaitaia EWS	85	18.8	12.4	15.6	+1.2	22.1	20	5.5	15	161	14	+70	39	23	173
Kerikeri EWS	79	19.8	11.2	15.5	+1.3	24.7	5	4.3	16	424	16	+293	137	23	..
Kerikeri Aerodrome Aw	149	19.4	11.1	15.3	+1.3	23.5	18	4.4	15	418	20	+291	117	23	..
Kaikohe AWS	204	18.0	11.4	14.7	+1.2	23.2	26	5.7	14	301	21	+202	78	23	..
Trounson CWS	244	18.2	10.7	14.5	..	22.9	26	2.8	16	168	18	+33	53	7	..
Dargaville 2 EWS	66	18.7	11.8	15.3	+1.0	23.0	26	4.5	16	174	18	+88	56	7	161
Purerua AWS	87	18.5	12.3	15.4	..	22.5	18	7.5	16	259	16	..	92	23	..
Russell CWS	15	19.8	11.4	15.6	..	23.8	18	4.0	15	..	..	..	..	..	..
Whangarei Aero AWS	38	19.3	12.1	15.7	+1.0	23.9	26	5.4	16	242	19	+158	60	7	..
Whangarei EWS	12	19.5	11.0	15.3	..	24.2	26	2.9	16	202	17	..	46	7	151
Mokohinau AWS	70	17.0	13.7	15.4	+0.5	19.7	27	11.0	14	..	..	..	..	..	..
Leigh 2 EWS	27	19.5	12.8	16.2	+1.5	23.4	6	8.2	14	156	25	+73	45	7	..
Warkworth EWS	72	18.4	10.9	14.7	+1.2	22.2	27	3.5	16	199	21	+91	48	7	..
Whangaparaoa AWS	100	18.4	12.2	15.3	+0.7	21.7	5	7.8	13	99	17	+21	21	7	..
Tiri Tiri Lighthouse	76	17.6	11.3	14.5	+0.3	21.1	16	7.4	14	107	25	+27	23	7	..
Auckland, Whenuapai A	26	18.4	11.5	15.0	+1.3	22.1	26	5.3	16	165	21	..	32	17	..
Auckland, North Shore	64	18.8	11.9	15.4	..	21.6	26	6.2	15	157	20	..	26	7	..
Auckland, Henderson N	7	20.0	11.5	15.8	+1.4	23.9	4	4.3	14	169	23	+50	38	17	..
Auckland, Motat EWS	16	19.0	12.1	15.6	..	22.5	26	5.6	3	140	20	..	40	17	175
Waiheke Island, Awaro	34	19.2	13.0	16.1	..	22.6	26	7.6	16	118	14	+21	28	7	..
Whitianga Aero AWS	5	18.3	11.0	14.7	+0.8	21.7	18	3.7	14	161	19	+22	28	17	..
Whitianga EWS	1	19.4	10.9	15.2	..	23.3	18	3.3	14	158	15	..	27	17	..
Thames 2	3	19.1	11.4	15.3	+1.1	21.5	19	..	..	..	..	..	..	..	154
Paeroa AWS	19	19.2	10.7	15.0	+1.1	23.1	26	2.3	14	115	17	+24	40	17	..
Matamata, Hinuera EWS	85	19.0	9.4	14.2	+1.6	22.5	26	1.7	15	98	13	..	18	11	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	154
Tauranga Aero AWS	5	18.7	11.6	15.2	+1.1	22.0	19	6.0	3	126	15	+37	33	17	..
Te Puke EWS	123	18.8	10.5	14.7	+1.4	22.3	19	5.0	16	224	17	+82	55	17	..
Whakatane Aero AWS	8	18.6	10.2	14.4	+1.0	22.0	19	3.6	3	187	14	+88	112	28	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	111
Whakatane EWS	1	18.8	10.2	14.5	..	22.0	19	2.9	3	160	14	..	93	28	..
Mamaku Radar WXT AW617	13.3	8.2	10.8	..	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	20.1	10.1	15.1	..	23.1	8	2.8	1	..	..	..	..	..	169
Rotorua EWS	288	17.4	8.6	13.0	..	20.5	18	1.2	1	122	17	..	46	28	190
Rotorua Aero AWS	286	16.9	8.4	12.7	+0.7	19.9	26	0.9	1	128	20	+18	31	28	..
Galatea AWS	175	18.1	8.9	13.5	..	21.2	26	2.7	3	72	15	..	27	28	..
Taupo CWS	360	18.5	7.9	13.2	..	23.6	26	1.0	15	..	..	..	..	..	..
Tarapounamu EWS	701	13.1	4.2	8.7	..	17.7	26	-0.6	15	169	22	..	39	28	..
Taupo AWS	402	16.7	7.4	12.1	+1.0	22.6	26	-1.0	14	139	16	+53	43	17	..
Auckland, Mangere 2 E	16	18.7	12.6	15.7	..	22.7	26	6.4	3	126	19	..	21	17	173
Auckland Aero	7	18.7	12.5	15.6	+1.1	23.1	26	6.8	3	105	19	+11	19	17	..
Auckland Aero Backup	7	18.5	12.5	15.5	..	23.0	26	7.0	3	55	17	..	17	28	..
Ardmore Aero AWS	41	19.0	11.3	15.2	..	23.0	26	..	..	..	..	..	..	..	..
Pukekohe EWS	88	18.7	11.4	15.1	+1.6	23.9	26	4.9	15	132	19	+12	31	30	..
Firth Of Thames EWS	3	19.3	10.4	14.9	..	22.4	26	1.2	14	85	17	..	21	17	156
Whatawhata 2 EWS	118	17.7	10.1	13.9	+0.8	24.3	26	3.6	15	151	21	+2	27	11	..
Hamilton, Ruakura 2 E	45	18.9	9.7	14.3	+1.1	23.4	26	1.4	15	95	17	+4	18	11	140
Hamilton AWS	53	18.6	9.7	14.2	+1.2	23.4	26	1.9	16	115	17	+17	24	28	..
Lake Karapiro CWS	55	19.0	11.2	15.1	..	23.2	26	5.5	1	72	20	..	15	17	..
Port Taharoa AWS	18	17.6	12.6	15.1	+1.0	..	..	..	..	..	..	..	..	..	..
Waikeria EWS	37	18.9	9.0	14.0	..	23.6	26	1.0	15	140	19	..	28	27	157
Te Kuiti EWS	61	18.9	8.5	13.7	+0.7	24.6	26	0.6	15	178	19	+40	27	28	153
Pureora Forest CWS	549	15.0	6.9	11.0	..	20.0	26	-1.4	15	109	20	..	19	11	..
Taumarunui EWS	170	18.9	9.0	14.0	..	24.3	26	0.4	15	..	..	..	..	..	..
Taumarunui AWS	186	18.5	9.0	13.8	..	24.3	26	-0.2	15	139	23	..	27	28	163
Turangi 2 EWS	360	17.4	7.2	12.3	+1.0	22.7	26	-1.2	15	136	18	-11	22	11	190
New Plymouth AWS	28	17.3	10.4	13.9	+1.2	20.2	26	2.3	15	152	22	+27	22	3	210
Lower Retaruke CWS	233	17.9	8.9	13.4	..	23.3	26	0.3	15	150	23	-2	34	28	..
Mt Ruapehu, Chateau E	1097	12.2	3.1	7.7	+1.3	17.9	26	-3.7	14	199	23	-81	37	11	..
Pahiatua EWS	110	17.1	9.0	13.1	..	23.6	26	0.9	1	68	18	..	12	7	..

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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	mm		
Masterton Aero AWS	105	18.2	7.6	12.9	..	24.7	26	-0.2	1	42	13	..	8	13	..
Masterton EWS	90	19.0	7.3	13.2	..	25.8	26	-0.9	1	36	14	..	8	13	193
Masterton, Te Ore Ore	110	19.0	8.2	13.6	..	25.8	26	0.3	1	30	14	-67	9	13	..
Takapau Plains AWS	346	16.6	7.7	12.2	+0.8	23.8	26	0.2	1	59	19	..	17	12	..
Dannevirke EWS	207	18.2	9.1	13.7	..	24.2	25	1.1	1	65	16	..	16	12	157
Cape Turnagain AWS	285	14.3	9.9	12.1	..	19.8	25	4.3	13	40	16	..	10	29	..
Akitio EWS	245	15.4	9.4	12.4	..	20.9	26	3.2	1	48	16	..	10	7	210
Castlepoint AWS	120	..	11.1	..	..	..	..	..	..	..	..	..	..	..	..
Baring Head	79	15.3	10.5	12.9	..	19.4	26	4.5	1	33	20	..	6	11	..
Te Wharau, Brackenfie	292	16.5	7.7	12.1	..	..	..	0.4	1	61	9	..	23	12	..
Martinborough EWS	20	18.3	9.2	13.8	+1.7	23.1	26	1.1	1	44	10	..	17	13	157
Ngawi AWS	8	18.0	11.7	14.9	+1.2	22.3	26	6.6	1	21	13	..	10	4	..
Hicks Bay AWS	46	17.5	12.1	14.8	+1.0	..	..	6.8	15	74	21	-39	15	4	..
Gisborne AWS	5	19.5	9.9	14.7	+0.8	25.4	26	3.8	15	46	15	-24	15	29	218
Gisborne EWS	12	20.6	10.3	15.5	..	26.4	26	5.0	15	33	14	..	9	29	..
Tolaga Bay WXT AWS	15	17.8	10.4	14.1	..	..	..	..	..	..	..	..	..	..	..
Napier Aero AWS	3	19.1	9.4	14.3	+0.7	27.6	27	1.9	16	68	16	-3	33	29	..
Napier EWS	7	19.7	10.2	15.0	..	28.9	27	3.1	1	45	12	..	15	29	219
Maraekakaho CWS	150	19.0	8.6	13.8	..	26.0	27	2.2	1	44	10	..	12	28	..
Hastings AWS	16	19.6	9.3	14.5	..	..	..	..	..	40	13	..	12	29	..
Whakatu EWS	5	19.4	8.4	13.9	+1.2	26.0	18	1.3	16	47	12	..	25	29	..
Waipawa EWS	130	19.2	7.4	13.3	..	26.4	26	0.9	1	77	13	..	33	29	..
Wairoa, North Clyde E	15	20.4	9.7	15.1	+1.2	27.8	26	4.5	13	37	12	-52	18	29	..
Wairoa Aero AWS	13	19.4	9.2	14.3	..	26.5	26	3.8	1	44	19	..	17	29	..
Mahia Radar WXT AWS	419	15.0	9.8	12.4	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	17.0	11.2	14.1	+0.8	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	113	16.3	12.0	14.2	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero	5	17.0	10.2	13.6	+1.2	..	..	..	..	96	15	-12	25	11	157
Paraparaumu Aero AWS	8	16.8	10.4	13.6	+1.2	21.2	26	2.5	22	96	16	-20	23	17	188
Paraparaumu EWS	5	16.5	9.7	13.1	..	20.6	26	1.9	22	88	12	-25	23	11	175
Ohakea AWS	47	17.2	9.9	13.6	..	21.8	26	1.2	14	83	19	..	18	28	..
Palmerston North AWS	39	17.5	10.0	13.8	+1.4	22.1	26	2.7	14	77	23	-7	13	28	..
Palmerston North EWS	21	17.8	10.1	14.0	+1.5	22.5	26	3.0	14	76	19	-19	13	28	120
Levin AWS	15	17.4	10.1	13.8	+1.3	22.1	26	2.7	13	98	21	-8	17	11	..
Levin EWS	23	17.6	9.6	13.6	..	22.1	26	1.7	13	83	19	..	15	11	179
Mana Island AWS	110	14.9	10.5	12.7	..	18.6	28	4.7	13	69	16	..	12	11	..
Porirua, Elsdon Park	7	17.2	10.0	13.6	..	..	..	..	..	..	..	..	..	..	..
Wellington, Kelburn A	125	16.0	10.2	13.1	+1.1	20.0	28	4.4	13	80	18	-38	14	12	205
Wellington Aero	4	16.7	11.2	14.0	+1.1	20.4	26	5.5	1	53	15	-42	10	11	..
Wellington, Greta Poi	3	17.5	11.0	14.3	..	23.9	28	5.4	13	50	14	..	12	12	..
Wellington Aero Backu	4	16.7	11.3	14.0	..	20.4	26	5.6	1	53	14	..	11	11	..
Upper Hutt, Trentham	50	17.2	9.3	13.3	..	21.7	28	-0.4	1	120	15	..	28	13	183
Stratford EWS	280	16.4	8.0	12.2	+1.3	20.0	22	1.1	15	224	18	+6	39	7	157
Hawera AWS	100	16.8	10.1	13.5	+1.6	21.7	26	2.7	15	..	..	..	..	..	..
Ohakune EWS	607	17.2	6.3	11.8	+2.1	23.9	26	-0.5	15	129	20	-13	30	28	..
Waiouru Treatment Pla	806	14.7	5.8	10.3	+1.9	22.1	26	-0.6	3	70	19	-30	13	29	..
Waiouru Airstrip AWS	820	14.1	5.0	9.6	..	20.9	26	-2.3	15	77	21	..	17	29	..
Waiouru EWS	803	14.5	5.3	9.9	..	21.7	26	-1.4	15	68	21	..	9	12	..
Flat Hills WXT AWS	262	17.0	9.7	13.4	..	22.9	26	4.4	14	83	18	-9	22	12	..
Whanganui, Spriggens	15	18.0	10.8	14.4	+1.1	22.7	30	5.9	1	65	18	-23	21	12	..
Wanganui AWS	14	17.6	10.7	14.2	+1.2	..	..	5.9	1	54	14	-39	12	12	..
Wanganui 2 AWS	18	19.0	10.8	14.9	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	19.0	6.6	12.8	+0.6	23.3	30	0.4	13	225	13	+27	59	6	227
Farewell Spit AWS	3	19.4	11.0	15.2	+2.1	21.8	30	6.6	1	175	18	+77	28	3	..
Westport Aero AWS	5	15.9	9.6	12.8	+1.0	19.6	28	3.4	13	211	23	+2	48	6	..
Westport EWS	6	16.2	10.5	13.4	..	19.7	28	3.3	13	202	21	..	56	6	210
Arapito EWS	3	17.3	8.8	13.1	..	20.4	30	1.9	14	187	20	..	49	11	..
Hokitika Aero	39	16.1	9.1	12.6	+1.5	20.2	23	1.9	13	289	21	+14	59	11	146
Hokitika AWS	40	16.0	9.1	12.6	+1.5	20.3	23	2.0	13	285	22	+12	59	11	191
Hokitika EWS	39	16.1	8.8	12.5	..	20.4	23	1.7	13	256	19	..	56	11	..
Reefton EWS	198	18.1	8.0	13.1	+1.9	24.3	22	1.3	14	216	20	+20	41	17	171
Greymouth Aero EWS	5	16.3	9.0	12.7	..	19.9	22	3.5	13	256	22	..	54	6	169
Pigeon Creek CWS	105	16.0	8.7	12.4	..	22.2	22	2.8	14	335	20	..	64	11	..

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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		
Mt Philistine EWS	1655	5.9	0.5	3.2	..	12.1	22	-4.4	1	816	26	..	186	17	..
Mahanga EWS	1995	4.8	-1.3	1.8	..	10.0	23	-7.7	13	299	22	..	96	17	..
Ivory Glacier CWS	1390	8.5	0.6	4.6	..	14.2	23	-4.3	1	864	23	..	242	17	..
Okarito EWS	1	16.0	8.9	12.5	..	18.7	30	2.2	13	257	19	..	51	11	..
Franz Josef EWS	80	15.8	7.9	11.9	+1.4	20.5	23	2.3	14	336	21	..	56	17	125
Haast AWS	1	15.2	8.3	11.8	+1.5	19.7	23	3.4	20	263	26	..	39	11	..
Milford Sound AWS	3	16.2	7.3	11.8	+1.4	..	..	2.2	20	326	22	..	74	17	..
Milford Sound EWS	3	15.6	7.3	11.5	..	19.5	22	2.1	14	355	21	..	81	17	..
Castle Mount EWS	2000	3.1	-2.0	0.6	..	7.6	29	-9.2	13	467	24	..	109	17	..
Secretary Island AWS	19	..	9.6	..	..	..	..	..	..	..	..	..	..	..	..
Puysegur Point AWS	45	13.7	8.9	11.3	+1.2	18.9	30	1.7	22	161	25	-25	45	10	..
Stephens Island AWS	188	14.9	10.2	12.6	..	..	..	6.6	14	59	18	..	13	3	..
Motueka, Riwaka EWS	8	18.1	7.9	13.0	+0.8	21.3	9	0.4	14	98	15	-19	29	6	..
Pelorus Sd, Crail Bay	13	17.8	10.5	14.2	+1.2	21.6	9	4.6	14	116	17	-76	33	11	..
Nelson Aero	2	17.0	9.4	13.2	+0.8	20.4	18	2.4	14	91	16	+4	30	6	198
Appleby 2 EWS	18	17.1	7.3	12.2	+0.0	20.6	9	0.4	14	99	16	..	33	6	205
Richmond EWS	1	17.3	8.6	13.0	..	20.3	9	1.4	1	89	13	..	30	6	227
Nelson AWS	6	16.9	9.6	13.3	+0.8	20.4	18	1.6	14	93	16	..	29	6	..
Blenheim Research EWS	4	18.9	8.8	13.9	+1.0	24.6	26	1.3	14	70	12	+7	31	29	234
Blenheim Aero AWS	36	18.7	7.5	13.1	+0.8	23.3	29	-0.6	14	78	10	+12	20	29	..
Brothers Island AWS	68	14.8	11.3	13.1	+0.6	17.8	30	6.4	13	39	16	..	7	3	..
Grassmere Salt Works	2	17.9	10.6	14.3	+1.0	..	..	..	..	39	11	-3	10	4	..
Cape Campbell AWS	6	14.8	11.0	12.9	+0.7	19.6	31	..	..	37	8	-5	11	4	..
Hanmer Forest EWS	363	20.3	4.5	12.4	+2.2	27.9	25	-1.9	1	49	13	-54	13	17	..
Kaikoura, Middle Cree	5	16.4	7.0	11.7	..	24.6	31	0.4	1	53	18	..	13	4	..
Kaikoura AWS	108	15.5	9.1	12.3	+0.6	23.3	18	5.3	1	51	14	-12	17	4	..
Arthurs Pass	745	13.2	5.1	9.2	+2.0	19.9	22	-1.6	14	428	..	-55	155	17	..
Arthurs Pass EWS	745	13.2	4.8	9.0	+2.0	19.8	22	-2.0	14	406	17	-112	145	17	..
Arthurs Pass AWS	743	12.7	4.9	8.8	..	18.9	23	-1.6	14	438	24	..	152	17	..
Culverden AWS	181	17.9	7.1	12.5	..	25.0	24	0.7	1	40	12	..	11	4	..
Medbury CWS	232	17.6	6.1	11.9	..	24.2	25	-0.2	15	33	11	..	11	4	..
Balmoral East CWS	172	18.0	6.1	12.1	..	24.8	24	-1.7	1	36	12	..	11	4	..
Waipara North Branch	560	16.1	7.1	11.6	..	23.0	25	1.1	15	7	12	..	1	4	..
Waiiau School CWS	136	19.0	6.8	12.9	..	25.6	25	0.6	1	45	11	..	15	4	..
Cheviot EWS	75	17.0	6.5	11.8	..	23.7	25	0.2	15	..	..	..	..	..	..
Upper Rakaia EWS	1752	5.9	-0.3	2.8	..	10.9	23	-6.4	13	183	22	..	49	17	..
Mt Potts EWS	2128	4.2	-2.4	0.9	..	10.6	23	-9.8	13	262	26	..	49	24	..
Mt Cook EWS	730	15.5	4.6	10.1	+1.5	23.0	25	-1.2	14	288	16	-128	123	17	160
Mueller Hut EWS	1818	5.8	-0.2	2.8	..	13.7	25	-7.1	14	253	19	..	86	17	..
Mt Cook Aero AWS	656	15.8	3.5	9.7	..	22.9	25	-4.1	14	171	16	..	64	17	..
Cass EWS	571	16.9	5.1	11.0	..	22.4	25	-2.2	14	96	15	..	26	17	..
Methven CWS	313	16.3	6.9	11.6	..	23.4	24	0.9	15	48	14	..	21	11	..
Winchmore 2 EWS	164	16.8	6.7	11.8	..	24.6	24	-0.5	15	42	13	..	17	11	190
Chertsey CWS	108	16.3	7.5	11.9	..	23.0	24	1.4	14	46	10	..	13	11	..
Mayfield at Ruapuna F	325	16.3	6.2	11.3	..	21.5	24	-0.5	15	87	22	..	25	11	..
Peel Forest	286	16.8	6.1	11.5	+1.3	21.7	8	-0.2	14	91	25	-11	31	11	..
Ashburton Council	101	17.7	9.0	13.4	+1.7	..	..	..	..	..	..	..	..	..	..
Ashburton Aero AWS	88	16.8	6.8	11.8	..	..	..	0.1	15	40	14	..	17	11	..
Wakanui 2 CWS	53	16.3	7.8	12.1	..	23.7	8	1.4	21	29	13	..	15	11	..
Waipara West EWS	130	17.9	7.4	12.7	..	25.7	24	2.3	16	36	9	..	10	4	206
Ohoka CWS		16.7	7.3	12.0	..	23.5	8	0.3	1	49	14	..	16	4	..
Rangiora EWS	23	17.7	7.5	12.6	+1.3	24.7	18	0.8	15	39	7	..	15	4	226
Christchurch Aero	37	17.5	7.2	12.4	+1.0	24.3	17	-0.5	1	67	15	+18	22	4	222
Christchurch Aero Bac	37	17.3	7.0	12.2	..	24.2	17	-0.8	1	60	16	..	21	4	..
Christchurch Gardens	7	17.8	8.5	13.2	+1.0	25.0	18	1.8	1	74	14	+21	23	4	..
Christchurch, Kyle St	6	18.0	8.4	13.2	+1.2	25.6	18	1.4	1	62	14	..	20	4	..
Bromley EWS	3	16.5	8.8	12.7	..	23.7	18	1.5	1	73	12	..	33	12	223
Lincoln, Broadfield E	18	17.0	7.9	12.5	+1.0	24.0	17	1.7	15	52	12	+1	17	12	188
Sugar Loaf AWS	496	14.1	6.8	10.5	..	20.7	25	2.0	12	..	..	..	..	..	..
Diamond Harbour EWS	122	15.5	8.6	12.1	..	21.9	31	4.0	15	100	17	..	44	12	215
Akaroa EWS	45	18.0	7.9	13.0	+0.7	25.5	25	2.6	15	78	12	-4	26	12	195
Le Bons Bay AWS	238	13.3	8.1	10.7	+0.2	20.1	18	4.3	14	44	12	..	16	12	..
Lake Tekapo, Air Safa	762	15.5	3.8	9.7	+0.9	21.0	26	-2.1	14	45	8	-5	25	11	..

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		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	°C	°C	mm	mm	mm	mm	mm		
Lake Tekapo EWS	762	16.5	3.5	10.0	+1.2	22.4	25	-2.6	14	46	5	..	15	11	221
Fairlie AWS	403	15.2	6.7	11.0	..	20.1	8	1.4	14	55	15	..	26	11	..
Pukaki Aerodrome AWS	461	17.9	3.5	10.7	..	23.8	25	-3.3	14	57	11	..	40	11	..
Hakataramea Valley Cw	355	17.8	6.5	12.2	..	22.9	7	-0.5	14	31	9	..	21	11	..
Orari Estate	81	16.9	6.6	11.8	+0.9	22.5	7	0.8	1	42	15	-14	21	11	..
Orari Estate EWS	81	17.2	6.4	11.8	..	23.0	7	0.5	15	38	13	..	20	11	..
Timaru Aero AWS	27	16.3	5.9	11.1	+0.7	23.8	7	-0.3	14	23	12	-27	9	11	..
Timaru EWS	17	15.7	7.9	11.8	+0.7	22.5	7	1.4	14	31	12	-15	12	11	..
Otaio @ Springbank ro	14	15.2	7.4	11.3	..	23.0	7	0.8	14	38	14	..	12	11	..
Waimate CWS	39	15.9	7.8	11.9	..	21.0	17	1.5	14	41	12	..	19	4	..
Oamaru Airport AWS	30	14.8	7.3	11.1	+0.8	21.2	17	1.3	1	..	..	..	..	..	..
Albert Burn	1280	9.7	1.8	5.8	..	15.3	22	-4.8	14	173	18	..	38	17	..
Mt Larkins EWS	1900	3.9	-2.2	0.9	..	10.7	23	-9.2	13	..	..	..	..	..	..
Eglinton, Knobs Flat	365	16.7	4.1	10.4	..	..	..	..	..	128	13	..	37	11	..
Tara Hills AWS	485	16.9	4.2	10.6	+0.8	23.6	25	-3.3	14	42	10	+4	21	11	..
Wanaka CWS	331	17.3	6.2	11.8	..	22.5	28	0.9	15	42	13	..	24	11	..
Wanaka Aero AWS	352	17.6	6.5	12.1	+1.6	23.3	25	2.0	14	37	12	-11	24	11	..
Windsor EWS	81	17.0	6.6	11.8	+1.6	22.8	17	-0.1	20	32	10	-13	17	11	..
Ranfurly EWS	450	16.8	4.3	10.6	+1.5	23.1	30	-1.5	14	43	10	+6	22	11	..
Oamaru AWS	40	14.3	6.4	10.4	-0.4	21.5	17	1.0	20	36	6	..	19	11	..
Palmerston	21	15.9	6.7	11.3	+1.2	22.0	17	-0.9	1	66	13	+15	26	11	142
Middlemarch EWS	213	18.2	5.7	12.0	+1.9	25.2	30	-0.7	14	50	8	..	32	11	160
Swampy Summit AWS	716	11.9	4.3	8.1	..	18.8	7	-0.6	20	..	..	..	..	..	..
Dunedin Aero AWS	2	16.7	6.6	11.7	+1.4	23.8	7	2.7	16	67	12	+9	30	11	..
Dunedin, Musselburgh	4	15.5	9.1	12.3	+1.4	22.8	17	5.9	2	48	16	-14	19	11	196
Oamaru EWS	20	14.6	7.4	11.0	..	21.8	17	1.3	20	35	12	..	15	11	177
Murchison Mtns EWS	1140	9.2	2.4	5.8	..	15.7	29	-4.0	20	177	21	..	36	17	..
Te Anau At Park HQ Cw	204	15.5	6.3	10.9	..	21.3	28	-1.5	20	..	..	..	..	..	..
Manapouri, West Arm J	178	14.9	6.0	10.5	+1.6	23.0	29	-1.5	20	169	19	..	40	10	..
Manapouri Aero AWS	209	16.2	5.1	10.7	+1.4	22.5	29	-3.4	20	92	15	-14	30	11	..
Birchwood WXT AWS	149	15.6	7.0	11.3	..	21.2	30	1.9	14	65	18	..	18	11	..
Queenstown EWS	322	17.4	6.5	12.0	..	23.9	25	0.9	14	20	9	..	8	17	..
Queenstown Aero AWS	357	16.3	5.1	10.7	+0.9	..	..	-1.8	14	46	8	-20	26	11	209
Five Rivers CWS	260	15.4	5.4	10.4	..	22.3	30	-1.8	20	89	18	..	27	11	..
Lumsden AWS	194	15.9	5.6	10.8	+1.0	22.6	28	0.8	14	68	17	..	26	11	..
Waipounamu CWS	152	16.3	5.8	11.1	..	22.6	28	0.9	14	47	15	..	21	11	..
Cromwell EWS	213	19.5	5.1	12.3	+1.0	25.8	25	-0.9	14	30	7	..	23	11	221
Lauder EWS	375	17.5	4.9	11.2	+1.2	22.5	25	-1.3	14	58	12	+24	19	12	..
Ophir 2	305	18.6	3.1	10.9	..	24.0	25	-4.4	20	39	7	..	32	11	..
Alexandra	150	20.1	5.0	12.6	+0.7	..	..	..	..	30	8	..	19	11	..
Clyde 2 EWS	170	19.1	5.3	12.2	..	25.6	25	-2.8	20	27	10	..	19	11	..
Alexandra AWS	231	18.4	5.7	12.1	..	25.0	25	-2.0	20	37	11	..	20	11	..
Alexandra EWS	132	19.3	5.9	12.6	..	25.3	25	-1.7	20	31	7	..	23	11	218
Roxburgh WXT AWS	160	17.0	7.0	12.0	..	23.4	28	1.7	14	61	13	..	31	11	..
Ettrick No.2	91	18.0	6.1	12.1	+1.6	..	..	0.0	20	..	..	..	..	..	..
Tapanui EWS	180	17.2	6.4	11.8	..	24.8	30	0.3	22	54	13	..	23	11	..
Gore AWS	123	16.1	7.0	11.6	+1.7	22.1	7	3.1	16	61	16	-16	19	11	..
Gore EWS	60	16.5	6.5	11.5	..	22.8	7	1.5	22	60	14	..	20	11	183
Invercargill Aero	1	16.1	7.4	11.8	+1.9	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	3	16.0	7.3	11.7	+1.8	22.7	30	2.4	22	65	16	..	17	11	..
Invercargill Aero 2 E		15.8	6.7	11.3	..	22.6	30	2.2	22	53	14	..	16	11	176
Tiwai Point EWS	5	14.4	7.7	11.1	+0.8	22.8	30	2.4	22	47	12	-49	12	11	..
Stewart Island EWS	3	14.5	7.9	11.2	..	19.2	17	3.0	20	65	20	..	15	18	..
Balclutha, Finegand	6	16.6	7.1	11.9	+1.4	23.0	3	..	..	42	12	-19	19	11	..
Balclutha, Telford Ew	11	15.4	6.3	10.9	..	20.9	30	1.9	22	31	10	..	14	11	143
Nugget Point AWS	131	13.4	7.8	10.6	+0.7	17.4	28	4.6	1	39	15	-32	11	11	..
Tautuku	25	15.0	6.8	10.9	+1.0	21.0	7	2.5	22	68	12	-43	12	31	..
South West Cape AWS	103	14.3	8.1	11.2	+1.6	..	..	4.6	12	83	22	-23	15	10	..
Kiribati, Cassidy Chri	3	30.2	24.6	27.4	..	31.2	12	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.0	23.1	2
Solomon, Honiara	56	32.5	24.2	28.4
Solomon, Henderson	9	32.6	22.9	27.8

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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				
Solomon, Santa Cruz	24	..	24.3	
Vanuatu,Sola	13	..	24.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	29.6	22.6	26.1	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	29.3	21.8	25.6	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	28.1	21.5	24.8	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	27.7	19.4	23.6	..	..	..	17.3	9	..	..	..	..	..
New Cal, Oulop	7	27.2	21.6	24.4	..	29.0	23	..	..	..	..	..	..	..
New Cal, Ouanaham	29	27.1	20.3	23.7	..	29.1	4	15.5	31	..	..	..	..	..
New Cal, La Roche	42	27.0	19.0	23.0	..	..	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	28.8	18.0	23.4	..	32.8	5	12.9	8	..	..	..	..	..
New Cal, Nouma	72	28.1	19.8	24.0	..	30.2	3	17.6	10	51	12	..	15	20	
New Cal, Moue	97	25.5	19.0	22.3	..	28.0	4	15.6	8	..	..	..	..	..
Kiribati,Butaritari	2	32.5	25.6	29.1	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	26.2	..	..	..	..	22.8	29	1	3	..	0	8
Kiribati, Bonriki Int	4	31.1	26.2	28.7	..	..	..	24.4	12	..	..	..	..	..
Kiribati,Beru	2	..	25.8	..	..	..	..	23.6	27	..	..	..	..	..
Kiribati,Arorae	7	31.8	26.1	29.0	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	..	25.6	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	31.2	25.4	28.3	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.5	26.2	28.9	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.8	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.9	22.2	26.6	..	32.5	5	19.5	12	..	..	..	..	..
Fiji,Nausori Aero	6	29.5	21.7	25.6	..	..	..	17.9	12	..	..	..	..	..
Wallis Island, Hihifo	27	30.3	25.2	27.8	..	31.2	6	21.9	13	..	..	..	..	..
Maopopo, Futuna Isla	36	30.7	24.7	27.7	..	31.5	16	22.7	13	49	16	..	22	9	
Samoa,Faleolo	4	31.4	23.1	27.3	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.9	23.9	26.9	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.6	25.9	28.3	..	31.9	6	21.3	11	120	16	..	72	10	
Tonga, Queen Lavinia	60	29.7	24.4	27.1	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	30.0	24.1	27.1	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	27.7	22.0	24.9	..	28.9	18	..	..	..	..	..	..	..
Salote Pilelevu Airpo	2	27.4	22.4	24.9	..	..	..	17.8	14	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.8	20.9	23.9	..	28.8	9	15.4	14	..	..	..	..	..
CI Rarotonga Aero	7	26.9	20.2	23.6	..	28.6	16	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	30.3	21.9	26.1	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	30.0	22.7	26.4	..	32.7	30	21.0	26	33	14	..	9	24	
Society Is, Mopelia		29.2	23.5	26.4	..	30.7	18	20.9	29	..	..	..	..	..
Tahiti - Faa	1	29.4	22.9	26.2	..	30.8	11	19.9	29	351	15	..	111	22	
Tuamotu, Takaroa	2	30.1	24.5	27.3	..	30.8	3	23.1	22	..	..	..	..	..
Tuamotu, Hao	3	27.5	24.0	25.8	..	29.1	26	20.4	22	..	..	..	..	..
Gambier, Rikitea	91	25.9	21.5	23.7	..	27.8	17	20.1	1	125	16	..	78	30	
Tubuai	2	26.1	20.6	23.4	..	28.5	16	16.2	24	..	..	..	..	..
Rapa	1	23.5	19.5	21.5	..	..	..	15.3	12	216	19	..	37	7
Raoul Island AWS	50	22.0	16.4	19.2	..	27.0	21	10.4	1	136	14	..	59	7	
Campbell Island AWS	16	9.0	4.5	6.8	+0.4	..	..	-2.5	6	92	26	-25	12	10
Chatham Island Aero A	12	14.2	8.9	11.6	..	17.6	27	2.3	17	80	18	..	21	9	
Georg Von Neumayer	40	-14.2	-23.1	-18.7	..	-3.1	26	-36.8	9	..	..	..	..	..
Ant South Pole	2827	-51.5	-57.7	-54.6	..	-33.8	29	-67.0	6	..	..	..	..	..
Gen Belgrano 2	256	-9.1	-17.2	-13.2	..	-2.6	27	-25.5	23	..	..	..	..	..
Bellingshausen	16	-0.2	-2.0	-1.1	..	1.7	13	-7.0	26	..	..	..	..	..
Base Jubany	4	1.4	-2.2	-0.4	..	6.0	13	-7.3	5	..	..	..	..	..
V C Marambio	198	-1.7	-11.9	-6.8	..	6.6	31	-16.4	3	..	..	..	..	..
Eduardo Frei	10	-0.5	-2.1	-1.3	..	1.5	13	-6.4	6	..	..	..	..	..
Arturo Prat		0.1	-1.9	-0.9	..	..	..	..	..	..	..	..	..	..
Great Wall	10	0.5	-2.3	-0.9	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.4	-3.4	-1.5	..	4.0	25	..	..	..	..	..	..	..
Palmer Station	8	1.0	-2.4	-0.7	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-1.1	-4.6	-2.9	..	2.7	31	-7.9	1	..	..	..	..	..
Argentine Is, Faraday	11	0.8	-4.8	-2.0	..	4.7	13	-12.7	29	..	..	..	..	..
Gen San Martin	4	1.3	-9.2	-4.0	..	6.5	30	-13.1	6	..	..	..	..	..
Novolax Arevskaja	99	-9.9	-17.1	-13.5	..	-2.9	29	-24.8	9	
Maitri		-8.4	-17.0	-12.7	
Syowa	21	-8.9	-15.2	-12.1	..	-1.3	24	-22.7	6	

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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	mm		
Mawson	16	-7.4	-15.8	-11.6	-23.5	2	
Davis	13	-5.0	-14.1	-9.6	..	..	..	-24.3	1	..	..	..	..	..
Progress	64	-6.1	-10.7	-8.4	..	2.2	27	-17.6	24	..	..	..	..	..
Mirnyj	30	-7.6	-12.7	-10.2	..	-1.2	23	-19.9	5	..	..	..	..	..
Vostok	3420	-47.1	-59.4	-53.3	..	..	..	-79.4	1	..	..	..	..	..
Casey	41	-4.8	-12.6	-8.7	..	..	..	-23.3	1	..	..	..	..	..
Durmout Durville	43	-7.0	-13.7	-10.4	..	-2.3	4	-20.7	1	..	..	..	..	..
Mcmurdo	24	-11.4	-21.1	-16.3	..	-4.5	31	-29.4	1	..	..	..	..	..
Arrival Heights EWS	218	-13.0	-21.6	-17.3	..	-7.0	27	-28.2	1	..	..	..	..	..
Scott Base EWS	20	-13.3	-24.6	-19.0	..	-8.3	31	-36.3	1	..	..	..	..	..
Scott Base 2 EWS	43	-12.8	-23.7	-18.3	..	-7.6	31	-30.2	1	..	..	..	..	..
Darwin Airport	31	34.0	16.4	25.2	..	36.6	7	10.4	1	..	..	..	..	..
Hobart Airport	4	34.0	8.4	21.2	..	36.6	7	2.4	11	130	23	..	30	28	
Late returns and corrections for September 2021															
Kaitaia Aero EWS	80	16.7	10.1	13.4	+0.0	19.2	16	5.2	29	163	17	+70	53	22	
Russell CWS	15	18.1	9.0	13.6	..	20.6	20	3.4	29	..	..	..	..	..
Auckland, Henderson N	7	17.9	8.3	13.1	+0.4	21.9	16	3.4	4	135	22	+4	42	22	
Auckland, Motat EWS	16	17.2	8.9	13.1	..	21.6	16	3.7	28	124	14	..	44	22	
Awakino EWS	400	11.8	5.8	8.8	..	14.1	3	1.8	18	193	20	..	39	22	
Taumarunui EWS	170	15.9	5.2	10.6	..	18.0	25	-1.0	29	..	..	..	..	..
Pahiatua EWS	110	14.4	5.8	10.1	..	18.4	22	-2.0	2	148	21	..	46	13	
Franz Josef EWS	80	14.0	4.4	9.2	+0.2	21.2	23	-0.1	16	457	20	..	72	20	
Milford Sound EWS	3	12.9	4.2	8.6	..	16.4	16	0.2	15	869	21	..	156	9	
Cheviot EWS	75	15.3	3.9	9.6	..	21.9	21	-2.7	18	46	16	..	13	8	
Mt Cook EWS	730	11.2	1.7	6.5	-0.3	19.3	23	-2.7	15	635	18	+291	170	12	
Mt Somers, Somer Down	372	14.9	3.2	9.1	..	21.0	3	-1.9	18	..	..	..	..	..
Manapouri, West Arm J	178	10.2	3.1	6.7	-0.4	16.0	23	-2.1	15	625	21	..	85	12	
Late returns and corrections for August 2021															
Russell CWS	15	17.0	7.6	12.3	..	19.0	31	1.5	10	..	..	..	..	..
Auckland, Henderson N	7	16.6	6.9	11.8	+0.7	19.3	29	1.6	10	215	25	+58	109	30	
Ohakune EWS	607	12.0	1.8	6.9	+0.7	15.7	28	-2.7	26	130	21	+10	29	17	
Mt Somers, Somer Down	372	11.8	2.7	7.3	..	19.5	23	-2.5	21	123	18	..	21	16	
Late returns and corrections for July 2021															
Westport EWS	6	13.8	6.1	10.0	..	17.6	31	1.0	13	303	21	..	73	16	
Late returns and corrections for June 2021															
Pigeon Creek CWS	105	12.5	5.8	9.2	..	15.1	20	-2.3	30	506	19	..	260	25	
Late returns and corrections for May 2021															
Reefton EWS	198	13.9	4.5	9.2	+0.7	20.4	9	-2.5	26	171	19	+4	32	10	
Cheviot EWS	75	17.3	2.6	10.0	..	28.2	9	..	..	23	5	..	14	12
Middlemarch EWS	213	13.9	-1.6	6.2	-0.4	22.5	5	-10.1	27	46	12	..	12	30	
Late returns and corrections for April 2021															
Awakino EWS	400	16.0	10.0	13.0	..	19.8	12	4.9	28	174	21	..	38	10	
Mahanga EWS	1995	5.4	-0.8	2.3	..	11.4	3	-5.7	26	156	20	..	51	10	
Okarito EWS	1	16.9	8.9	12.9	..	20.7	1	2.4	28	223	19	..	37	12	
Winchmore 2 EWS	164	19.3	5.9	12.6	..	28.0	4	-2.2	28	24	6	..	7	16	
Manapouri, West Arm J	178	12.7	6.9	9.8	+0.4	18.2	9	2.4	28	360	25	..	34	15	
Queenstown	322	17.0	6.6	11.8	+0.7	22.1	4	1.7	28	62	14	-7	16	12	
Tiwai Point EWS	5	14.9	8.0	11.5	+0.3	19.2	9	3.9	26	84	22	-13	16	29	
Late returns and corrections for March 2021															
Alexandra	150	22.6	8.4	15.5	+0.6	..	..	..	..	..	..	..	..	..
Thornbury	20	19.3	8.3	13.8	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for February 2021															
Motu EWS	488	22.0	9.2	15.6	-0.2	28.2	21	2.0	19	87	8	-40	41	15	
Winchmore 2 EWS	164	21.8	9.7	15.8	..	27.7	24	1.6	17	25	5	..	14	9	
Peel Forest	286	21.1	10.2	15.7	+0.5	..	..	2.7	17	63	16	-37	19	15

Summary of the records of Temperature, Rainfall and Sunshine — Late returns

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine Hrs
		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	°C	°C	mm	mm	mm	mm	mm		
Diamond Harbour EWS	122	20.9	12.4	16.7	..	32.3	24	5.7	17	13	3	..	12	9	239
Orari Estate	81	21.3	10.4	15.9	+0.0	27.7	24	2.9	17	45	8	-20	24	15	..
Timaru EWS	17	20.1	12.0	16.1	+0.4	27.7	24	5.2	17	30	11	-20	10	15	..
Windsor EWS	81	20.5	9.3	14.9	+0.0	26.9	23	2.8	17	18	4	-32	10	10	..
Oamaru EWS	20	18.3	10.5	14.4	..	25.3	24	3.7	17	17	5	..	6	9	174
Alexandra EWS	132	25.8	9.9	17.9	..	32.6	7	3.9	17	9	3	..	6	9	238
Gore EWS	60	21.4	8.2	14.8	..	27.1	23	0.0	17	15	8	..	7	9	211
Balclutha, Telford Ew	11	20.1	8.3	14.2	..	25.5	21	1.3	17	13	5	..	10	9	200
Late returns and corrections for January 2021															
Christchurch Gardens	7	23.7	12.9	18.3	+0.8	36.4	27	6.2	29	27	10	-11	15	28	..
Late returns and corrections for December 2020															
Porirua, Elsdon Park	7	18.9	12.7	15.8	..	22.7	31	..	..	..	..	..	..	..	..
Waiouru EWS	803	18.0	7.1	12.6	..	23.2	18	-0.2	2	37	15	..	8	5	..
Sugar Loaf AWS	496	18.2	9.3	13.8	..	28.0	19	..	..	..	..	..	..	..	..
Arrival Heights EWS	218	-0.8	-6.2	-3.5	..	3.7	20	-15.5	4	..	..	..	..	..	..
Late returns and corrections for November 2020															
Whitianga Aero AWS	5	21.6	12.2	16.9	+1.1	24.4	6	6.5	20	..	..	..	..	..	..
Tolaga Bay WXT AWS	15	20.2	12.3	16.3	..	27.1	27	..	..	..	..	..	..	..	..
Greymouth Aero EWS	5	18.2	10.6	14.4	..	22.7	25	6.6	28	202	16	..	51	7	190
Cheviot EWS	75	19.9	8.5	14.2	..	29.4	13	1.9	12	62	14	..	15	30	..
Dunedin Aero AWS	2	18.9	7.0	13.0	+0.9	25.3	17	1.3	28	67	16	+17	32	5	..
Lumsden AWS	194	17.7	6.6	12.2	+0.8	24.8	4	..	..	..	..	..	..	..	..
Arrival Heights EWS	218	-7.5	-15.1	-11.3	..	-1.8	27	-24.2	6	..	..	..	..	..	..
Late returns and corrections for October 2020															
Queenstown	322	17.4	6.8	12.1	+1.1	24.5	4	-0.4	15	75	12	-13	31	25	196
Balclutha, Finegand	6	16.3	4.4	10.4	-0.1	..	..	..	..	61	..	+0	12	3	..
Arrival Heights EWS	218	-15.2	-22.1	-18.7	..	-6.4	29	-31.0	1	..	..	..	..	..	..
Late returns and corrections for September 2020															
Kaitaia Aero EWS	80	17.3	9.9	13.6	+0.2	21.3	25	2.3	13	55	15	-38	13	1	..
Kaitaia EWS	85	16.9	10.0	13.5	+0.2	21.2	25	3.4	13	45	19	-60	11	26	162
Kerikeri EWS	79	18.1	8.4	13.3	+0.2	..	..	3.2	5	46	15	-117	20	26	..
Kaikohe AWS	204	15.6	8.8	12.2	-0.1	20.5	25	3.3	12	42	14	-82	8	26	..
Taupo AWS	402	13.7	5.2	9.5	+0.4	..	..	-3.5	12	66	16	-16	23	27	..
Auckland Aero Backup	7	16.7	9.6	13.2	..	20.3	23	3.8	4	42	18	..	11	27	..
Pureora Forest CWS	549	12.1	4.0	8.1	..	16.4	26	-3.5	4	146	16	..	33	26	..
Turangi 2 EWS	360	14.8	4.8	9.8	+0.5	17.6	26	-4.5	4	129	15	-11	27	24	194
New Plymouth AWS	28	15.1	8.0	11.6	+0.1	17.5	27	1.0	4	118	18	-2	25	26	210
Ngawi AWS	8	15.6	10.4	13.0	+0.5	19.2	9	4.9	12	115	8	..	31	10	..
Napier EWS	7	18.6	7.8	13.2	..	23.1	1	0.7	13	62	8	..	21	2	250
Stratford EWS	280	13.9	5.1	9.5	-0.1	16.7	17	0.6	17	214	18	+33	89	26	173
Hokitika EWS	39	13.9	6.3	10.1	..	16.2	24	0.8	29	221	23	..	53	22	..
Reefton EWS	198	14.4	4.2	9.3	-0.2	19.4	23	-2.7	12	227	20	+50	33	26	136
Greymouth Aero EWS	5	14.4	6.5	10.5	..	17.3	7	0.9	29	227	24	..	38	22	160
Mahanga EWS	1995	1.5	-4.9	-1.7	..	8.8	8	-11.5	29	367	23	..	77	5	..
Haast AWS	1	13.0	5.8	9.4	+0.2	16.6	11	-0.1	29	504	23	..	76	22	..
Milford Sound AWS	3	12.6	4.0	8.3	-0.3	15.6	23	-0.9	30	1048	25	..	239	13	..
Milford Sound EWS	3	12.8	4.1	8.5	..	16.2	11	-0.5	30	1000	21	..	226	13	..
Wairau Valley, Mill R	172	15.9	5.3	10.6	..	19.9	24	-1.5	12	89	14	..	37	26	..
Kaikoura AWS	108	15.5	7.3	11.4	+1.1	22.4	23	1.6	12	56	8	-1	14	17	..
Timaru EWS	17	15.8	4.3	10.1	+0.8	22.1	9	0.0	12	22	8	-13	10	17	..
Waimate CWS	39	15.8	3.9	9.9	..	21.3	14	-1.0	12	27	9	..	11	17	..
Oamaru AWS	40	15.4	4.4	9.9	+0.6	20.7	16	0.0	2	25	11	..	8	9	..
Tiwai Point EWS	5	12.3	5.0	8.7	-0.3	18.1	22	-1.5	30	161	23	+75	22	17	..
Balclutha, Finegand	6	14.0	2.9	8.5	-0.3	19.3	..	..	..	67	..	+21	19	13	..
Arrival Heights EWS	218	-21.6	-29.1	-25.4	..	-10.3	2	-41.6	15	..	..	..	..	..	..
Late returns and corrections for August 2020															
Porirua, Elsdon Park	7	14.7	6.0	10.4	..	..	..	-1.9	15	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine — Late returns

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine Hrs
		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	°C	°C	mm	mm	mm	mm	mm		
Manapouri Aero AWS	209	11.4	1.5	6.5	+1.4	16.2	31	-3.9	12	62	17	-37	16	31	..
Late returns and corrections for July 2020															
Christchurch Gardens	7	12.0	2.9	7.5	+0.9	18.1	21	-3.9	11	64	14	-4	21	8	..
Invercargill Aero	1	9.3	2.1	5.7	+0.4	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	25.0	19.8	22.4	..	30.0	9	..	..	..	..	..	..	..	..
Late returns and corrections for June 2020															
Levin AWS	15	15.4	7.2	11.3	+2.0	18.8	23	-0.6	14	..	..	..	..	..	..
Christchurch Gardens	7	12.5	4.2	8.4	+1.3	21.5	16	-1.4	8	111	17	+50	31	28	..
Late returns and corrections for May 2020															
Mt Ruapehu, Chateau E	1097	11.5	0.9	6.2	+0.3	18.1	23	-6.1	21	218	9	-15	70	3	..
Waiouru Treatment Pla	806	13.0	1.8	7.4	+0.2	17.7	18	..	..	36	11	-58	11	5	..
Waiouru EWS	803	12.5	1.8	7.2	..	16.0	25	-5.1	23	44	20	..	13	5	..
Milford Sound AWS	3	12.6	5.3	9.0	+0.8	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for April 2020															
Purerua AWS	87	20.6	13.3	17.0	..	22.9	2	10.2	29	69	13	..	26	20	..
Cape Turnagain AWS	285	15.3	11.5	13.4	..	18.5	12	6.8	15	..	..	..	..	..	..
Mahia AWS	136	18.7	12.5	15.6	+0.7	23.0	18	8.0	15	25	11	-101	9	9	..
Porirua, Elsdon Park	7	18.1	9.4	13.8	..	..	..	2.2	15	..	..	..	..	..	..
Takaka EWS	20	20.3	6.8	13.6	+0.5	24.2	17	3.3	22	75	9	-81	39	12	206
Hokitika EWS	39	16.2	7.8	12.0	..	20.5	5	2.4	14	283	18	..	74	12	..
Castle Mount EWS	2000	4.0	-2.0	1.0	..	10.8	3	-8.0	14	..	..	..	..	..	..
Puysegur Point AWS	45	14.8	10.1	12.5	+0.7	21.3	5	4.8	14	..	..	..	..	..	..
Arthurs Pass AWS	743	12.2	4.1	8.2	..	18.1	3	-1.8	15	462	21	..	119	12	..
Waipara North Branch	560	17.4	7.3	12.4	..	23.4	11	-0.3	14	35	8	..	16	18	..
Waiiau School CWS	136	20.8	5.1	13.0	..	27.9	11	-2.1	15	2	5	..	1	18	..
Ashburton Aero AWS	88	18.5	5.6	12.1	..	25.3	30	-0.4	26	18	12	..	13	17	192
Diamond Harbour EWS	122	18.1	9.1	13.6	..	25.6	30	3.8	14	12	4	..	10	17	..
Otaio @ Springbank ro	14	16.0	6.9	11.5	..	24.2	12	2.5	30	36	7	..	21	17	..
Waimate CWS	39	16.9	6.8	11.9	..	22.9	12	2.5	21	45	9	..	18	17	..
Oamaru Airport AWS	30	15.6	6.3	11.0	+0.1	20.7	12	1.4	30	53	11	+16	20	18	..
Mt Larkins EWS	1900	3.6	-1.8	0.9	..	11.1	10	-8.8	14	168	20	..	35	20	..
Dunedin, Musselburgh	4	15.2	7.9	11.6	-0.1	19.1	25	3.4	20	46	10	-5	11	18	159
Oamaru EWS	20	15.6	6.7	11.2	..	21.2	12	1.9	14	45	11	..	10	18	150
Manapouri, West Arm J	178	13.0	6.5	9.8	+0.4	18.8	5	0.7	15	342	25	..	51	26	..
Birchwood WXT AWS	149	15.6	6.4	11.0	..	23.8	12	2.1	11	81	16	..	22	13	..
Gore EWS	60	15.3	4.7	10.0	..	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	3	15.6	6.4	11.0	+0.7	22.0	12	1.4	11	95	20	..	12	13	..
South West Cape AWS	103	14.0	9.5	11.8	+1.0	21.3	5	4.6	14	..	..	..	..	..	..
Late returns and corrections for March 2020															
Porirua, Elsdon Park	7	19.8	11.0	15.4	..	23.8	1	4.8	25	..	..	..	..	..	..
Milford Sound EWS	3	18.6	8.2	13.4	..	22.5	2	3.3	24	348	15	..	84	19	..
Arrival Heights EWS	218	-17.9	-24.9	-21.4	..	-7.2	7	-33.9	24	..	..	..	..	..	..
Late returns and corrections for February 2020															
Cape Turnagain AWS	285	20.5	14.9	17.7	..	..	..	8.7	9	..	..	..	..	..	..
Porirua, Elsdon Park	7	22.2	14.7	18.5	..	25.4	14	7.9	9	..	..	..	..	..	..
Waiouru Treatment Pla	806	23.0	9.2	16.1	+1.8	28.5	4	3.2	24	26	7	-43	18	22	..
Hokitika EWS	39	19.7	12.7	16.2	..	23.6	15	6.8	23	219	18	..	93	21	..
Middlemarch EWS	213	24.2	9.0	16.6	+1.7	31.9	3	0.6	23	75	9	..	55	4	165
Arrival Heights EWS	218	-6.3	-11.5	-8.9	..	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for January 2020															
Whatawhata 2 EWS	118	23.7	11.9	17.8	-0.5	28.2	20	7.1	12	14	10	-84	8	5	..
Lake Tekapo, Air Safa	762	23.6	8.7	16.2	+1.0	31.0	24	2.2	4	3	5	-41	1	2	..
Arrival Heights EWS	218	-3.0	-8.0	-5.5	..	1.1	12	-11.5	11	..	..	..	..	..	..

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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