



Climate Database Statistics Report

August 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 August 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	15.2	10.6	12.9	+0.3	17.5	16	6.1	9	82	23	-13	16	27	..
Kaitaia Aero EWS	80	16.2	9.5	12.9	+0.8	..	..	4.7	12	82	23	-22	28	27	..
Kaitaia Aero AWS	77	16.3	9.4	12.9	..	18.0	17	5.0	10	95	27	..	31	27	..
Kaitaia EWS	85	16.1	9.9	13.0	+0.8	..	..	..	..	108	25	-5	37	27	..
Kerikeri EWS	79	17.1	8.1	12.6	+0.9	..	..	4.0	10	148	24	-35	33	27	..
Kerikeri Aerodrome Aw	149	16.3	7.8	12.1	+0.8	18.9	30	2.9	10	158	29	-24	37	27	..
Kaikohe AWS	204	14.5	8.7	11.6	+0.4	17.1	30	3.8	10	146	24	-13	28	31	..
Trounson CWS	244	15.2	8.1	11.7	..	18.4	28	2.3	10	115	24	-60	22	17	..
Dargaville 2 EWS	66	16.0	9.2	12.6	+1.1	..	..	5.9	10	92	21	-26	22	31	..
Purerua AWS	87	16.2	9.6	12.9	..	17.9	30	4.6	10	103	22	..	19	27	..
Russell CWS	15	17.0	7.6	12.3	..	19.0	31	1.5	10	43	29	..	5	5	..
Whangarei Aero AWS	38	16.5	9.1	12.8	+0.8	20.1	30	4.7	10	202	25	+76	111	31	..
Whangarei EWS	12	16.9	7.4	12.2	..	..	..	2.5	10	159	21	..	71	31	..
Mokohinau AWS	70	15.1	12.0	13.6	+0.6	..	..	8.1	10	..	..	..	..	..	..
Leigh 2 EWS	27	17.0	10.6	13.8	+1.1	19.9	29	5.1	10	100	21	-20	19	28	..
Warkworth EWS	72	15.5	7.3	11.4	+0.5	18.7	17	0.9	10	117	21	-35	22	30	..
Whangaparaoa AWS	100	15.5	9.7	12.6	+0.7	..	..	5.3	10	146	21	+55	89	30	..
Tiri Tiri Lighthouse	76	15.1	8.5	11.8	-0.1	17.5	17	4.8	23	166	24	+66	103	30	..
Auckland, Whenuapai A	26	15.5	7.8	11.7	+0.7	18.4	29	1.8	10	203	24	..	103	30	..
Auckland, North Shore	64	15.9	8.4	12.2	..	19.1	29	2.5	10	179	23	..	89	30	147
Auckland, Motat EWS	16	16.2	8.2	12.2	..	18.8	29	1.6	10	132	23	..	48	30	162
Waiheke Island, Awaro	34	16.2	9.1	12.7	..	..	..	1.5	10	97	18	-40	26	30	..
Whitianga Aero AWS	5	15.6	7.2	11.4	+0.6	18.6	29	0.7	10	131	22	-65	30	30	..
Whitianga EWS	1	16.6	6.9	11.8	..	20.3	29	-0.2	10	121	17	..	31	30	..
Thames 2	3	15.6	7.6	11.6	+0.4	18.1	29	-0.6	10	85	20	-39	21	5	..
Paeroa AWS	19	15.2	6.5	10.9	+0.3	17.5	29	-1.3	10	78	17	-40	15	30	..
Matamata, Hinuera EWS	85	15.2	4.3	9.8	+0.9	19.2	29	-3.1	10	70	15	..	17	8	..
Tauranga Aero AWS	5	15.5	7.1	11.3	+0.5	18.7	29	2.5	10	42	11	-68	15	27	..
Te Puke EWS	123	15.5	6.1	10.8	+0.7	19.0	30	1.6	19	68	13	-92	28	27	..
Whakatane Aero AWS	8	15.5	4.8	10.2	+0.5	18.3	30	0.0	10	68	12	-45	23	5	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	186
Whakatane EWS	1	15.8	5.2	10.5	..	18.8	30	0.5	11	67	11	..	19	5	..
Mamaku Radar WXT AW617	9.6	4.9	7.3	..	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	14.2	2.9	8.6	..	17.8	28	-0.8	12	..	..	..	..	..	158
Rotorua EWS	288	13.5	3.5	8.5	..	18.4	28	-2.8	10	87	15	..	22	8	164
Rotorua Aero AWS	286	12.8	3.7	8.3	-0.1	..	..	..	..	69	16	-67	14	8	..
Galatea AWS	175	13.7	2.4	8.1	..	18.4	28	-2.8	10	86	25	..	17	8	..
Taupo CWS	360	13.6	3.6	8.6	..	17.8	28	-0.9	22	..	..	..	..	..	..
Taupo AWS	402	11.7	2.8	7.3	+0.1	15.4	28	-2.8	19	107	17	+20	18	17	..
Motu EWS	488	12.0	1.4	6.7	+0.2	..	..	..	..	181	22	-27	38	17	..
Auckland, Mangere 2 E	16	15.8	8.9	12.4	..	18.5	29	1.4	10	104	22	..	28	30	160
Auckland Aero	7	15.8	8.8	12.3	+0.7	18.9	29	2.3	10	91	24	-20	22	6	..
Auckland Aero Backup	7	15.7	8.9	12.3	..	18.7	29	2.5	10	75	25	..	20	6	..
Ardmore Aero AWS	41	16.0	6.5	11.3	..	18.0	29	0.0	10	..	..	..	..	..	..
Pukekohe EWS	88	15.5	7.5	11.5	+0.7	19.0	29	0.2	10	92	20	-52	17	27	..
Firth Of Thames EWS	3	15.5	5.9	10.7	..	18.0	30	-2.3	10	74	15	..	23	6	131
Whatawhata 2 EWS	118	14.5	6.5	10.5	+0.4	18.0	28	0.2	10	148	19	-20	28	27	..
Hamilton, Ruakura 2 E	45	15.1	5.1	10.1	+0.3	18.4	30	-3.1	10	112	16	+2	30	27	122
Hamilton AWS	53	14.8	4.7	9.8	+0.2	18.6	30	-3.7	10	143	20	+24	31	27	..
Lake Karapiro CWS	55	15.2	7.1	11.2	..	18.8	28	0.7	10	84	14	..	18	27	..
Port Taharoa AWS	18	15.0	8.7	11.9	+0.5	18.9	30	1.8	10	127	23	..	29	6	..
Awakino EWS	400	11.0	5.1	8.1	..	15.6	28	1.7	9	165	22	..	27	8	70
Waikeria EWS	37	15.2	4.5	9.9	..	19.4	28	-3.1	10	113	15	..	27	27	140
Te Kuiti EWS	61	14.7	4.3	9.5	-0.1	19.9	28	-2.7	10	145	19	+5	23	6	122
Pureora Forest CWS	549	10.6	2.9	6.8	..	15.1	28	-2.4	10	157	19	..	39	17	..
Taumarunui EWS	170	14.2	4.1	9.2	..	18.4	28	-0.2	10	..	..	..	..	..	..
Taumarunui AWS	186	13.7	3.4	8.6	..	21.7	13	-1.2	10	160	23	..	32	17	115
Turangui 2 EWS	360	13.0	1.7	7.4	+0.1	17.5	28	-3.7	26	125	13	-27	26	8	159
New Plymouth AWS	28	14.5	6.8	10.7	+0.5	..	..	-1.7	10	132	23	+5	29	27	..
Lower Retaruke CWS	233	12.9	3.9	8.4	..	17.4	28	-0.3	10	147	22	-5	31	17	..
Mt Ruapehu, Chateau E	1097	7.0	-0.4	3.3	+0.0	12.4	31	-4.6	26	250	22	+9	51	17	..
Pahiatua EWS	110	13.3	3.7	8.5	..	16.0	11	-1.8	21	129	18	..	38	17	..
Masterton Aero AWS	105	13.6	2.7	8.2	..	17.0	23	-2.3	15	135	23	..	35	8	..

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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		
Masterton EWS	90	13.9	2.4	8.2	..	17.8	23	-2.3	15	102	19	..	28	8	164
Masterton, Te Ore Ore	110	14.3	3.2	8.8	..	18.2	12	-1.7	15	109	19	+26	33	8	..
Takapau Plains AWS	346	12.3	2.6	7.5	-0.3	16.3	17	-2.0	22	85	19	..	25	8	..
Dannevirke EWS	207	14.4	4.1	9.3	..	18.7	17	-1.3	21	97	13	..	24	29	150
Cape Turnagain AWS	285	11.2	7.1	9.2	..	14.0	16	1.8	10	76	17	..	22	8	..
Akitio EWS	245	12.2	5.8	9.0	..	15.9	17	0.6	10	82	16	..	26	8	181
Castlepoint AWS	120	13.3	7.4	10.4	+0.2	16.1	7	2.0	10	62	14	-27	19	8	..
Baring Head	79	12.5	7.3	9.9	..	19.4	30	2.2	10	74	18	..	35	8	..
Te Wharau, Brackenfie	292	12.5	3.4	8.0	..	15.4	23	-0.9	15	177	18	..	53	8	..
Martinborough EWS	20	13.8	4.9	9.4	+0.5	16.2	22	-0.8	15	138	20	..	37	8	127
Ngawi AWS	8	13.8	8.9	11.4	+0.6	16.0	12	4.0	10	108	19	..	42	8	..
Hicks Bay AWS	46	15.2	8.6	11.9	+0.5	17.2	6	1.3	10	123	13	-10	67	28	..
Gisborne AWS	5	15.4	5.0	10.2	-0.1	20.8	28	0.5	25	75	18	-3	13	28	192
Gisborne EWS	12	15.8	5.2	10.5	..	21.2	28	1.6	26	55	15	..	11	5	..
Tolaga Bay WXT AWS	15	14.8	5.5	10.2	..	20.2	28	1.1	11	85	17	..	18	30	..
Tutira CWS	235	13.9	4.2	9.1	..	..	..	-0.5	22	89	13	..	21	8	..
Napier Aero AWS	3	15.6	4.5	10.1	+0.4	18.6	17	-1.2	22	43	18	-11	14	8	..
Napier EWS	7	15.9	4.3	10.1	..	19.1	17	-0.8	22	34	15	..	11	29	219
Maraekakaho CWS	150	15.5	2.6	9.1	..	20.8	28	-1.6	23	39	11	..	23	29	..
Hastings AWS	16	16.1	3.0	9.6	..	20.6	28	-1.5	22	36	19	..	13	29	..
Whakatu EWS	5	16.2	2.1	9.2	+0.4	19.6	17	-2.5	25	23	12	..	11	8	..
Waipawa EWS	130	15.2	1.7	8.5	..	19.7	28	-3.4	22	41	15	..	16	8	182
Wairoa, North Clyde E	15	16.0	4.3	10.2	+0.2	21.6	28	-0.1	24	69	15	-30	23	8	..
Wairoa Aero AWS	13	15.3	3.8	9.6	..	20.8	28	-0.9	23	87	18	..	23	8	..
Mahia Radar WXT AWS	419	11.2	6.6	8.9	..	16.0	28	2.0	10	..	..	..	..	..	..
Mahia AWS	136	13.6	7.5	10.6	+0.3	18.3	28	3.9	10	69	16	-34	9	3	..
Cape Kidnappers WXT A	113	13.7	8.6	11.2	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero	5	14.2	6.3	10.3	+0.9	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero AWS	8	13.9	6.1	10.0	+0.6	16.3	7	-1.2	31	136	19	+51	36	8	163
Paraparaumu EWS	5	13.8	5.5	9.7	..	16.1	7	-1.8	31	126	17	+38	34	8	156
Ohakea AWS	47	13.9	5.3	9.6	..	16.4	28	0.5	22	117	18	..	35	17	..
Palmerston North AWS	39	14.1	5.4	9.8	+0.6	16.5	28	-0.3	10	113	20	+44	32	17	..
Palmerston North EWS	21	14.5	5.1	9.8	+0.4	16.6	20	-0.6	10	115	18	+35	35	17	..
Levin AWS	15	14.3	5.3	9.8	+0.4	17.0	6	-0.4	31	172	17	+80	49	17	..
Levin EWS	23	14.1	4.7	9.4	..	..	..	-0.9	31	165	17	..	48	17	171
Mana Island AWS	110	12.2	7.9	10.1	..	14.2	7	3.6	10	115	18	..	35	8	..
Porirua, Elsdon Park	7	13.8	6.1	10.0	..	16.2	7	-0.5	15	146	21	..	47	8	..
Wellington, Kelburn A	125	12.3	7.4	9.9	+0.5	15.6	11	3.3	10	148	21	+32	51	8	129
Wellington Aero	4	13.1	8.1	10.6	+0.4	16.2	7	3.6	10	116	18	+23	47	8	..
Wellington, Greta Poi	3	13.8	8.0	10.9	..	17.9	7	3.9	10	125	18	..	54	8	..
Wellington Aero Backu	4	13.1	8.1	10.6	..	16.2	7	3.5	10	119	18	..	48	8	..
Upper Hutt, Trentham	50	13.4	4.4	8.9	..	..	..	..	..	181	18	..	40	8	134
Stratford EWS	280	13.0	4.2	8.6	+0.4	16.0	28	-1.0	10	248	19	+58	55	16	147
Hawera AWS	100	13.5	6.1	9.8	+0.8	..	..	0.3	10	115	20	+16	23	8	..
Ohakune EWS	607	12.0	1.8	6.9	+0.7	15.7	28	-2.7	26	130	21	+10	29	17	..
Waiouru Treatment Pla	806	9.5	1.3	5.4	+0.5	13.6	29	-2.6	25	115	18	+20	29	17	..
Waiouru Airstrip AWS	820	9.1	0.7	4.9	..	13.4	28	-4.5	24	105	21	..	26	17	..
Flat Hills WXT AWS	262	13.0	5.0	9.0	..	15.6	28	-0.5	21	..	..	..	..	..	..
Whanganui, Spriggens	15	14.7	7.0	10.9	+0.7	17.5	23	1.3	21	119	18	+45	41	8	..
Wanganui AWS	14	14.8	7.0	10.9	+0.8	..	..	1.8	21	122	16	+47	34	8	..
Wanganui 2 AWS	18	15.8	6.6	11.2	..	19.0	22	1.0	21	..	..	..	..	..	..
Takaka EWS	20	15.3	3.8	9.6	+0.9	19.2	28	-1.7	10	329	18	+146	87	26	192
Farewell Spit AWS	3	17.1	8.8	13.0	+2.6	19.9	26	3.6	10	117	19	+9	20	27	..
Westport Aero AWS	5	13.7	7.1	10.4	+1.1	17.4	30	1.0	10	..	..	..	..	..	..
Westport EWS	6	14.0	7.4	10.7	..	18.8	28	0.5	10	249	25	..	34	16	162
Arapito EWS	3	14.6	6.2	10.4	..	17.8	29	0.0	9	281	24	..	53	16	159
Hokitika Aero	39	13.3	5.8	9.6	+1.2	17.0	30	-1.0	10	295	26	+64	45	26	110
Hokitika AWS	40	13.2	5.9	9.6	+1.3	16.6	27	-1.0	10	295	26	+52	46	26	127
Hokitika EWS	39	13.3	5.7	9.5	..	17.1	30	-1.2	10	271	26	..	43	26	..
Reefton EWS	198	12.9	3.7	8.3	+1.2	17.4	27	-4.1	10	191	22	+19	31	16	116
Greymouth Aero EWS	5	13.3	6.2	9.8	..	15.8	27	-0.1	9	234	27	..	35	16	115
Pigeon Creek CWS	105	12.2	4.8	8.5	..	15.6	31	-3.1	10	491	25	..	80	16	..
Mt Philistine EWS	1655	2.2	-2.5	-0.2	..	7.7	31	-9.1	9	303	23	..	74	23	..

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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		
Mahanga EWS	1995	0.6	-5.3	-2.4	..	5.2	31	-11.8	9	178	24	..	57	27	..
Ivory Glacier CWS	1390	4.5	-1.9	1.3	..	10.0	29	-6.5	9	577	23	..	95	22	..
Okarito EWS	1	13.2	5.5	9.4	..	15.9	3	-1.5	9	235	24	..	43	12	..
Franz Josef EWS	80	12.6	4.9	8.8	+1.2	16.4	30	-1.5	10	369	24	..	79	12	108
Haast AWS	1	12.6	5.8	9.2	+1.0	16.6	30	-0.6	9	302	25	..	43	12	..
Milford Sound AWS	3	11.6	4.1	7.9	+1.2	15.6	30	-0.6	21	721	25	..	124	12	..
Milford Sound EWS	3	11.8	4.0	7.9	..	15.6	29	-0.5	21	742	25	..	128	12	..
Castle Mount EWS	2000	0.0	-5.3	-2.7	..	8.4	28	-11.0	9	308	14	..	147	24	..
Secretary Island AWS	19	..	7.5	..	..	..	..	..	..	..	..	..	..	..	..
Stephens Island AWS	188	12.6	8.5	10.6	..	15.2	20	4.6	9	115	15	..	35	27	..
Motueka, Riwaka EWS	8	14.8	4.1	9.5	+1.2	18.5	11	-1.5	4	149	20	+5	39	5	..
Pelorus Sd, Crail Bay	13	13.4	7.4	10.4	+0.5	16.2	7	1.5	10	260	19	+109	63	27	..
Nelson Aero	2	14.1	5.2	9.7	+1.3	16.9	24	-0.7	10	181	16	+99	76	27	175
Appleby 2 EWS	18	14.3	3.2	8.8	+0.2	16.8	12	-1.5	31	117	14	..	39	27	182
Richmond EWS	1	14.1	4.2	9.2	..	17.1	11	-1.9	10	166	14	..	68	5	194
Nelson AWS	6	14.0	5.4	9.7	+1.0	16.6	24	0.8	10	187	21	..	70	5	..
Blenheim Research EWS	4	14.0	5.0	9.5	+0.6	17.6	12	-1.1	4	71	16	+11	24	27	159
Blenheim Aero AWS	36	13.9	3.9	8.9	+0.6	17.0	12	-3.4	4	96	16	+35	25	5	..
Brothers Island AWS	68	12.9	9.3	11.1	+0.5	15.8	7	5.4	9	111	20	..	26	8	..
Grassmere Salt Works	2	13.6	6.8	10.2	+0.7	18.1	23	1.6	19	93	15	+39	38	8	..
Cape Campbell AWS	6	11.9	8.2	10.1	+0.4	14.8	25	4.1	9	90	16	+47	25	27	..
Hanmer Forest EWS	363	13.2	0.6	6.9	+1.0	20.5	23	-5.7	10	131	24	+24	34	16	..
Kaikoura, Middle Cree	5	13.2	2.8	8.0	..	18.9	23	-2.1	22	138	22	..	60	8	..
Kaikoura AWS	108	12.9	6.5	9.7	+0.9	19.1	23	1.4	9	84	16	+17	37	8	..
Arthurs Pass EWS	745	7.4	0.4	3.9	+0.8	12.7	29	-6.2	10	447	27	+157	93	16	..
Arthurs Pass AWS	743	7.4	1.0	4.2	..	12.2	29	-4.7	10	511	28	..	105	16	..
Culverden AWS	181	12.2	3.5	7.9	..	18.4	23	-3.1	21	100	19	..	19	8	..
Medbury CWS	232	12.4	3.4	7.9	..	18.2	23	-3.8	21	81	18	..	23	16	..
Balmoral East CWS	172	12.3	2.4	7.4	..	18.1	23	-4.5	21	97	16	..	27	8	..
Waipara North Branch	560	10.6	3.3	7.0	..	15.9	23	-3.0	21	15	15	..	4	9	..
Waiiau School CWS	136	13.2	2.7	8.0	..	20.0	23	-3.7	10	..	..	..	..	..	..
Cheviot EWS	75	13.0	3.5	8.3	..	20.5	23	-3.1	21	97	17	..	36	8	163
Upper Rakaia EWS	1752	2.0	-3.6	-0.8	..	5.7	27	-11.8	9	117	21	..	23	22	..
Mt Potts EWS	2128	0.0	-6.0	-3.0	..	5.7	31	-14.9	9	..	..	..	..	..	..
Mt Cook EWS	730	8.4	0.8	4.6	+0.6	12.8	23	-4.7	9	288	23	-13	76	16	82
Mueller Hut EWS	1818	1.8	-3.9	-1.1	..	8.6	29	-11.7	9	88	21	..	12	27	..
Mt Cook Aero AWS	656	9.0	0.7	4.9	..	..	..	-8.0	9	..	..	..	..	..	..
Cass EWS	571	10.6	0.8	5.7	..	14.8	25	-8.4	10	129	20	..	43	16	..
Methven, Three Spring	305	11.9	3.5	7.7	..	19.4	23	-1.7	21	82	19	..	13	16	..
Methven CWS	313	11.5	4.2	7.9	..	19.0	23	-1.4	31	90	20	..	15	2	..
Winchmore 2 EWS	164	12.1	3.0	7.6	..	20.0	23	-2.0	21	57	15	..	14	8	166
Chertsey CWS	108	12.3	4.5	8.4	..	19.3	23	-0.9	31	55	15	..	18	2	..
Mayfield at Ruapuna F	325	11.7	3.4	7.6	..	18.8	23	-2.2	4	104	17	..	19	2	..
Peel Forest	286	12.7	2.3	7.5	+1.2	20.4	24	-3.3	21	102	17	+27	18	16	..
Ashburton Aero AWS	88	12.8	3.5	8.2	..	20.7	24	-1.9	31	53	16	..	16	8	164
Wakanui 2 CWS	53	12.9	4.1	8.5	..	20.9	24	-1.1	31	37	14	..	10	8	..
Waipara West EWS	130	13.3	5.0	9.2	..	19.6	23	-1.7	21	101	17	..	24	8	152
West Eyreton, Larunde	88	12.5	2.6	7.6	..	20.2	23	-3.0	21	..	..	..	..	..	..
Ohoka CWS	12.9	2.4	7.7	..	21.0	24	-3.3	19	86	21	..	..	27	2	..
Rangiora EWS	23	13.8	2.6	8.2	+0.9	22.3	24	-3.3	19	70	17	..	23	2	145
Christchurch Aero	37	13.1	3.0	8.1	+0.9	21.3	23	-3.0	19	80	22	+18	25	2	157
Christchurch Aero Bac	37	12.9	2.9	7.9	..	21.1	23	-3.0	19	75	20	..	24	2	..
Christchurch Gardens	7	13.3	4.6	9.0	+1.1	22.1	23	-1.1	15	83	20	+19	27	2	..
Christchurch, Kyle St	6	13.6	4.2	8.9	+1.2	22.5	23	-2.0	15	67	18	..	23	2	..
Bromley EWS	3	12.5	5.3	8.9	..	20.3	24	-0.9	15	77	14	..	25	2	148
Lincoln, Broadfield E	18	12.8	4.8	8.8	+1.2	20.7	23	-0.7	31	77	18	+16	23	2	150
Diamond Harbour EWS	122	11.9	5.9	8.9	..	19.4	23	1.3	10	105	18	..	42	2	144
Dorie CWS At Leferink	55	12.2	4.2	8.2	..	19.6	24	-0.7	21	..	..	..	..	..	..
Akaroa EWS	45	14.2	5.8	10.0	+1.4	23.0	24	1.1	21	105	18	-18	44	2	138
Le Bons Bay AWS	238	10.5	6.0	8.3	+0.6	17.7	25	2.0	9	44	18	..	13	2	..
Lake Tekapo, Air Safa	762	9.1	-0.1	4.5	+1.0	16.0	24	-5.0	21	62	15	+4	24	16	..
Lake Tekapo EWS	762	9.6	-0.2	4.7	+0.9	16.7	24	-9.1	9	65	8	..	22	16	160
Fairlie AWS	403	11.1	2.9	7.0	..	18.8	24	-1.2	21	58	16	..	16	16	..

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

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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	Hrs		
Pukaki Aerodrome AWS	461	10.8	-0.8	5.0	..	18.5	25	-8.9	9	62	12	..	25	16	..
Hakataramea Valley Cw	355	12.4	1.9	7.2	..	20.6	24	-4.9	9	16	9	..	3	12	..
Orari Estate EWS	81	13.5	2.0	7.8	..	23.0	24	..	..	..	..	..	..	..	..
Timaru Aero AWS	27	12.9	2.3	7.6	+1.1	21.6	24	-3.9	21	34	13	-10	6	8	..
Timaru EWS	17	12.9	3.5	8.2	+1.1	21.8	25	-1.5	21	44	15	+0	13	7	..
Otaio @ Springbank ro	14	12.9	3.4	8.2	..	22.3	24	-0.9	21	32	12	..	7	12	..
Waimate CWS	39	13.2	3.4	8.3	..	21.3	24	-2.0	21	25	12	..	6	26	..
Oamaru Airport AWS	30	12.4	2.6	7.5	+0.9	21.8	24	-2.4	21	19	10	-18	6	12	..
Albert Burn	1280	4.3	-1.4	1.5	..	8.5	29	-6.6	9	302	25	..	66	12	..
Mt Larkins EWS	1900	-0.4	-5.9	-3.2	..	4.8	28	-11.9	9	..	..	..	..	..	..
Eglinton, Knobs Flat	365	9.6	1.9	5.8	..	14.5	31	-3.1	4	228	22	..	49	16	..
Tara Hills AWS	485	10.7	0.5	5.6	+1.1	17.2	24	-5.1	21	48	10	+12	25	16	..
Wanaka CWS	331	11.4	2.1	6.8	..	15.4	25	-2.9	21	73	9	..	31	16	..
Wanaka Aero AWS	352	11.6	2.6	7.1	+1.6	16.9	24	-2.4	4	70	8	+18	25	12	..
Windsor EWS	81	13.2	1.8	7.5	+1.3	21.3	24	-4.5	21	12	11	-20	5	12	..
Ranfurly EWS	450	11.4	0.5	6.0	+1.7	19.2	24	-7.1	21	20	9	-2	7	12	..
Oamaru AWS	40	12.6	3.8	8.2	+0.7	21.7	24	-1.5	21	29	12	..	9	12	..
Palmerston	21	13.3	1.7	7.5	+1.0	22.0	24	-5.1	21	24	12	-28	6	12	..
Middlemarch EWS	213	13.2	1.2	7.2	+1.6	21.5	24	-7.2	21	18	13	..	8	12	140
Swampy Summit AWS	716	7.8	1.5	4.7	..	17.2	24	-3.0	9	..	..	..	..	..	..
Dunedin Aero AWS	2	13.1	1.5	7.3	+0.8	20.6	24	-5.5	21	35	14	-5	8	1	..
Dunedin, Musselburgh	4	13.0	5.3	9.2	+1.5	20.6	25	-0.1	21	44	14	-12	8	2	144
Oamaru EWS	20	12.9	3.9	8.4	..	22.1	24	-0.8	21	19	10	..	7	12	165
Murchison Mtns EWS	1140	4.6	-0.6	2.0	..	8.5	31	-4.5	9	346	28	..	72	24	..
Te Anau At Park HQ Cw	204	9.7	3.4	6.6	..	13.8	12	-1.6	21	..	..	..	..	..	..
Manapouri, West Arm J	178	8.5	3.0	5.8	+1.2	14.2	24	-2.1	21	381	26	..	58	16	..
Manapouri Aero AWS	209	10.7	2.4	6.6	+1.5	15.7	23	-4.9	21	124	26	+25	36	16	..
Birchwood WXT AWS	149	11.4	3.4	7.4	..	17.8	24	-2.7	21	80	20	..	17	16	..
Queenstown EWS	322	11.5	2.9	7.2	..	17.4	25	-1.5	21	99	15	..	43	16	..
Queenstown Aero AWS	357	11.0	1.3	6.2	+1.2	17.3	24	-3.6	21	75	12	+6	33	16	145
Five Rivers CWS	260	11.1	2.5	6.8	..	17.9	24	-2.8	4	65	17	..	14	16	..
Lumsden AWS	194	11.2	2.4	6.8	+1.1	18.1	24	-5.6	21	69	19	..	19	2	..
Waipounamu CWS	152	11.7	1.5	6.6	..	17.7	24	-5.4	21	54	15	..	18	2	..
Cromwell EWS	213	13.0	2.2	7.6	+2.0	18.8	24	-4.6	21	30	9	..	13	16	164
Lauder EWS	375	11.8	1.7	6.8	+1.9	18.9	24	-4.8	21	33	11	+13	15	2	..
Ophir 2	305	12.4	0.5	6.5	..	19.6	24	-7.0	21	33	11	..	14	2	..
Alexandra	150	13.9	0.9	7.4	+1.4	20.9	24	-4.2	4	27	11	..	10	2	128
Clyde 2 EWS	170	13.4	0.3	6.9	..	20.5	24	-4.5	9	35	10	..	12	2	..
Alexandra AWS	231	12.5	1.2	6.9	..	19.3	24	-4.4	21	36	13	..	16	2	..
Alexandra EWS	132	13.3	0.9	7.1	..	20.4	24	-3.9	4	21	10	..	9	2	166
Roxburgh WXT AWS	160	12.6	4.1	8.4	..	19.0	24	-0.3	9	26	18	..	9	13	..
Ettrick No.2	91	13.5	2.2	7.9	+1.8	20.5	25	-3.5	31	36	7	+4	10	12	..
Tapanui EWS	180	12.2	2.4	7.3	..	18.7	24	-3.7	31	60	16	..	10	12	..
Gore AWS	123	11.5	3.1	7.3	+1.1	17.2	24	-3.1	21	78	19	+18	13	19	..
Gore EWS	60	11.9	2.2	7.1	..	17.5	24	-3.3	21	84	15	..	15	2	123
Invercargill Aero	1	11.5	3.1	7.3	+0.6	17.1	24	-2.9	21	123	18	+47	15	9	104
Invercargill Aero AWS	3	11.7	3.0	7.4	+0.9	17.4	24	-3.4	21	120	20	..	18	7	..
Invercargill Aero 2 E	11	11.6	2.5	7.1	..	17.3	24	-3.3	21	102	16	..	14	9	99
Tiwai Point EWS	5	11.1	4.1	7.6	+0.3	17.0	24	-1.3	31	81	19	+4	16	8	..
Stewart Island EWS	3	11.6	4.2	7.9	..	18.8	24	..	..	114	25	..	14	19	..
Balclutha, Telford Ew	11	11.8	1.6	6.7	..	18.0	24	-3.9	21	46	22	..	10	17	120
Nugget Point AWS	131	10.4	5.0	7.7	+0.6	16.8	24	1.2	9	69	19	+19	16	19	..
Tautuku	25	11.6	3.6	7.6	+0.5	19.5	24	-1.5	21	108	16	+11	19	19	..
South West Cape AWS	103	10.8	6.1	8.5	+0.6	14.8	24	1.3	9	247	23	+140	67	25	..
Kiribati,Cassidy Chri	3	30.9	24.9	27.9	..	31.8	14	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	30.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.4	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.5	24.1	27.8	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.9	22.0	27.0	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	23.9	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	..	23.6
Vanuatu,Pekoa	56	..	22.0	17.9	4
Vanuatu, Bauerfield	20	26.9	17.8	22.4	13.0	4

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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		
Vanuatu,Burtonfield	70	..	17.3	13.9	4	
New Cal, Koumac	18	25.9	16.3	21.1	..	30.7	27	13.4	3	..	..	..	..	..
New Cal, Oulop	7	25.8	19.0	22.4	..	27.0	26	11.2	1	..	..	..	..	..
New Cal, Ouanaham	29	25.2	17.0	21.1	..	26.9	29	7.1	2	..	..	..	..	..
New Cal, La Roche	42	25.2	14.1	19.7	..	28.2	29	7.2	7	..	..	..	..	..
New Cal, La Tontouta	14	25.9	14.3	20.1	..	30.5	27	10.4	31	..	..	..	..	..
New Cal, Nouma	72	25.0	17.3	21.2	..	30.1	27	14.5	15	9	10	..	3	5	
New Cal, Moue	97	23.0	16.7	19.9	..	25.2	28	12.7	3	..	..	..	..	..
Kiribati,Butaritari	2	32.1	25.8	29.0	..	..	..	24.0	1	..	..	..	..	..
Kiribati,Tarawa	2	..	26.8	..	..	..	..	23.5	14	..	..	..	..	..
Kiribati, Bonriki Int	4	31.5	26.7	29.1	..	32.1	25	24.1	1	..	..	..	..	..
Kiribati,Beru	2	..	25.4	..	..	..	..	23.5	9	..	..	..	..	..
Kiribati,Arorae	7	31.7	25.8	28.8	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	..	25.5	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	30.7	25.5	28.1	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.1	26.7	28.9	..	33.6	10	23.7	29	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.3	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	28.6	18.7	23.7	..	31.0	20	15.0	5	..	..	..	..	..
Fiji,Nausori Aero	6	26.4	18.9	22.7	..	..	..	15.0	4	..	..	..	..	..
Wallis Island, Hihifo	27	29.1	24.3	26.7	..	30.3	21	21.7	2	..	..	..	..	..
Maopopo, Futuna Isla	36	28.9	23.8	26.4	..	30.2	5	21.6	2	..	..	..	..	..
Samoa,Faleolo	4	30.4	23.3	26.9	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.1	23.6	26.4	..	30.3	6	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	28.8	25.0	26.9	..	30.3	8	23.3	3	..	..	..	..	..
Tonga, Queen Lavinia	60	29.2	23.5	26.4	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	28.0	23.3	25.7	..	..	..	19.1	5	..	..	..	..	..
Tonga, Lupepauu	67	25.6	19.4	22.5	..	..	..	13.9	8	..	..	..	..	..
Salote Pilelevu Airpo	2	25.0	20.6	22.8	..	..	..	18.7	27	..	..	..	..	..
Tonga,Fuaamotu Aero	38	24.2	18.3	21.3	..	..	..	13.3	5	..	..	..	..	..
CI Rarotonga Aero	7	25.8	20.0	22.9	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	28.4	22.6	25.5	..	29.9	18	21.0	13	91	26	..	18	26	
Society Is, Mopelia		28.7	23.7	26.2	..	30.0	17	20.6	7	..	..	..	..	..
Tahiti - Faaa	1	29.0	22.5	25.8	..	30.1	29	20.2	1	37	15	..	13	16	
Tuamotu, Takaroa	2	29.3	24.0	26.7	..	30.1	26	23.0	30	..	..	..	..	..
Tuamotu, Hao	3	27.0	23.3	25.2	..	27.9	9	21.9	20	..	..	..	..	..
Gambier, Rikitea	91	24.0	19.7	21.9	..	26.5	6	16.2	21	52	17	..	29	17	
Tubuai	2	25.0	19.9	22.5	..	26.9	26	16.4	16	..	..	..	..	..
Rapa	1	21.7	17.7	19.7	..	23.9	26	13.5	13	188	21	..	32	2	
Raoul Island AWS	50	19.2	13.0	16.1	..	22.2	30	9.3	12	47	14	..	17	5	
Campbell Island AWS	16	7.8	3.4	5.6	+0.3	10.6	12	-1.0	20	109	28	+4	12	18	
Chatham Island Aero A	12	12.7	6.8	9.8	..	18.0	27	-1.6	22	106	22	..	22	8	
Georg Von Neumayer	40	-24.0	-33.0	-28.5	..	-11.4	17	-47.8	31	..	..	..	..	..
Ant South Pole	2827	-60.5	-67.1	-63.8	..	-46.1	17	-74.3	12	..	..	..	..	..
Halley Bay	30	-27.9	-37.5	-32.7	..	..	..	..	..	..	..	..	..	..
Gen Belgrano 2	256	-19.3	-27.2	-23.3	..	-9.5	11	-42.5	25	..	..	..	..	..
Bellingshausen	16	-3.0	-7.0	-5.0	..	5.5	5	-19.5	20	..	..	..	..	..
Base Jubany	4	-1.9	-7.4	-4.7	..	4.5	5	-21.4	20	..	..	..	..	..
V C Marambio	198	-10.5	-20.4	-15.5	..	5.1	9	-34.3	20	..	..	..	..	..
Eduardo Frei	10	-3.5	-6.8	-5.2	..	5.1	5	-20.5	20	..	..	..	..	..
Arturo Prat		-3.2	-6.8	-5.0	..	1.0	9	..	..	..	..	..	..	..
Great Wall	10	-3.0	-7.6	-5.3	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-6.0	-8.9	-7.5	..	0.6	28	..	..	..	..	..	..	..
Palmer Station	8	-5.2	-10.2	-7.7	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-6.8	-11.9	-9.4	..	1.0	9	-25.1	18	..	..	..	..	..
Argentine Is, Faraday	11	-5.1	-11.0	-8.1	..	..	..	..	..	..	..	..	..	..
Gen San Martin	4	-4.8	-16.9	-10.9	..	5.0	9	-30.8	17	..	..	..	..	..
Novolax Arevskaja	99	-16.3	-20.4	-18.4	..	-7.8	31	-32.5	7	..	..	..	..	..
Maitri		-15.6	-21.1	-18.4	..	..	..	..	..	..	..	..	..	..
Syowa	21	-16.4	-24.6	-20.5	..	-8.1	31	-38.4	9	..	..	..	..	..
Mawson	16	-12.0	-20.0	-16.0	..	..	..	-25.6	8	..	..	..	..	..
Davis	13	-10.4	-18.4	-14.4	..	..	..	-27.6	1	..	..	..	..	..
Progress	64	-10.5	-12.8	-11.7	..	-5.1	18	-24.4	7	..	..	..	..	..
Mirnyj	30	-11.1	-14.0	-12.6	..	-5.5	18	-26.7	6	..	..	..	..	..

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

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		
Vostok	3420	-60.1	-66.0	-63.1	..	-41.8	27	-79.0	12	..	..	..	..	..
Casey	41	-8.9	-18.8	-13.9	..	..	..	..	..	..	..	..	..	..
Durmout Durville	43	-10.9	-16.9	-13.9	..	-1.3	1	-30.3	24	..	..	..	..	..
Mcmurdo	24	-25.1	-35.3	-30.2	..	-10.1	1	-45.4	19	..	..	..	..	..
Arrival Heights EWS	218	-26.8	-34.4	-30.6	..	-10.6	1	-44.6	19	..	..	..	..	..
Scott Base EWS	20	-27.6	-39.7	-33.7	..	-10.2	1	-53.5	19	..	..	..	..	..
Scott Base 2 EWS	43	-26.7	-38.8	-32.8	..	-9.2	1	-53.2	19	..	..	..	..	..
Darwin Airport	31	33.0	13.0	23.0	..	35.5	16	9.3	12	..	..	..	..	..
Hobart Airport	4	33.0	5.9	19.5	..	35.5	16	0.3	2	35	14	..	13	15	
Late returns and corrections for July 2021															
Taumarunui EWS	170	13.7	2.7	8.2	..	16.9	31	-3.2	12	..	..	..	..	..
Tutira CWS	235	12.9	4.4	8.7	..	18.4	17	-1.1	5	62	14	..	18	17	
Whakatu EWS	5	15.2	2.8	9.0	+0.8	20.4	22	-2.8	6	20	9	..	8	12	
Ohakune EWS	607	11.8	1.3	6.6	+1.1	16.5	30	-6.8	5	165	16	+15	52	17	
Taihape Rec	433	13.1	0.6	6.9	+0.8	18.0	30	..	..	70	17	-9	19	17
Grassmere Salt Works	2	13.5	5.7	9.6	+1.1	..	..	0.3	4	69	11	+0	22	17
Mt Somers, Somer Down	372	11.5	1.4	6.5	..	..	..	-2.1	12	..	..	..	..	..
Winchmore 2 EWS	164	11.6	1.0	6.3	..	16.8	6	-3.8	4	54	10	..	13	16	
Ashburton Council	101	12.1	0.6	6.4	+0.7	..	..	-6.5	11	63	12	-1	17	18
Windsor EWS	81	11.8	-0.4	5.7	+0.8	18.9	6	-4.4	12	41	10	-3	15	6	
Tuamotu, Takarua	2	28.9	23.0	26.0	..	29.6	8	10.0	11	..	..	..	..	..
Late returns and corrections for June 2021															
Ohakune EWS	607	13.3	3.8	8.6	+2.3	19.1	14	-3.6	24	92	16	-52	21	27	
Winchmore 2 EWS	164	12.0	2.2	7.1	..	17.9	25	-1.2	12	51	13	..	21	20	
Late returns and corrections for May 2021															
Ohakune EWS	607	14.8	3.5	9.2	+0.9	19.5	10	-3.9	27	69	13	-37	14	17	
Winchmore 2 EWS	164	14.6	2.2	8.4	..	23.2	9	-4.1	26	210	13	..	78	30	
Late returns and corrections for April 2021															
Ohakune EWS	607	17.7	6.1	11.9	+1.1	23.6	12	-2.7	29	63	17	-45	17	21	
Winchmore 2 EWS	164	19.3	5.9	12.6	..	28.0	4	-2.2	28	24	6	..	7	16	
Late returns and corrections for March 2021															
Ohakune EWS	607	20.6	7.4	14.0	+0.5	24.4	1	-1.0	13	83	11	+15	27	31	
Winchmore 2 EWS	164	20.9	8.7	14.8	..	29.0	14	3.0	19	35	8	..	14	10	
Late returns and corrections for February 2021															
Ohakune EWS	607	23.9	6.7	15.3	-0.1	28.8	22	1.4	18	18	5	-67	8	10	
Winchmore 2 EWS	164	21.8	9.8	15.8	..	27.7	24	1.6	17	25	5	..	14	9	
Orari Estate EWS	81	21.3	10.3	15.8	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for January 2021															
Ohakune EWS	607	22.8	8.7	15.8	+0.4	30.5	27	1.1	31	62	12	-39	17	17	
Winchmore 2 EWS	164	22.4	10.1	16.3	..	35.7	26	3.7	29	48	13	..	22	1	
Late returns and corrections for December 2020															
Ohakune EWS	607	20.6	8.0	14.3	+0.3	..	..	..	..	..	..	..	..	..
Winchmore 2 EWS	164	20.5	8.5	14.5	..	29.1	15	1.7	28	41	8	..	11	23	
Arrival Heights EWS	218	-0.8	-6.2	-3.5	..	3.7	20	-15.5	4	..	..	..	..	..
Late returns and corrections for November 2020															
Ohakune EWS	607	18.7	7.3	13.0	+1.4	23.7	4	1.1	12	116	17	-8	32	9	
Winchmore 2 EWS	164	19.0	7.6	13.3	..	27.6	17	2.4	24	92	9	..	45	7	
Arrival Heights EWS	218	-7.6	-15.1	-11.4	..	-1.8	27	-24.2	6	..	..	..	..	..
Late returns and corrections for October 2020															
Ohakune EWS	607	17.5	5.2	11.4	+1.7	25.0	5	-3.3	17	88	12	-54	26	27	
Winchmore 2 EWS	164	17.6	6.1	11.9	..	26.4	25	-0.7	1	31	11	..	16	14	

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	
		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		
Late returns and corrections for September 2020															
Ohakune EWS	607	12.9	3.3	8.1	+0.0	17.4	26	-5.2	4	185	21	+43	34	26	..
Winchmore 2 EWS	164	16.2	2.3	9.3	..	24.6	23	-4.7	30	47	11	..	15	17	262
Late returns and corrections for August 2020															
Ohakune EWS	607	12.8	1.3	7.1	+0.9	16.8	19	-5.7	15	92	16	-29	18	20	..
Winchmore 2 EWS	164	14.0	2.3	8.2	..	20.8	30	-5.2	17	21	6	..	9	31	182
Late returns and corrections for July 2020															
Maraekakaho CWS	150	13.5	..	..	..	..	..	..	..	62	12	..	27	18	..
Winchmore 2 EWS	164	11.4	0.4	5.9	..	17.0	31	-4.1	17	10	10	..	2	6	131
Late returns and corrections for June 2020															
Ohakune EWS	607	12.5	3.1	7.8	+1.5	16.7	27	-4.1	10	98	20	-46	32	18	..
Winchmore 2 EWS	164	11.6	1.0	6.3	..	19.6	16	-5.3	14	97	14	..	29	28	113
Late returns and corrections for May 2020															
Leigh 2 EWS	27	19.2	11.9	15.6	+0.2	..	..	..	..	..	..	..	..	..	..
Ohakune EWS	607	14.3	1.2	7.8	-0.5	16.9	25	-6.7	22	75	8	-31	33	3	..
Winchmore 2 EWS	164	14.7	2.6	8.7	..	21.9	1	-2.7	20	20	6	..	8	24	156
Late returns and corrections for April 2020															
Winchmore 2 EWS	164	17.9	4.8	11.4	..	23.9	7	-1.3	15	14	4	..	12	17	204
Late returns and corrections for March 2020															
Turangi 2 EWS	360	20.7	7.1	13.9	-1.1	..	..	..	..	..	..	..	..	..	..
Ohakune EWS	607	20.0	6.6	13.3	-0.2	27.9	1	1.0	7	75	10	+7	22	3	..
Winchmore 2 EWS	164	18.8	7.3	13.1	..	27.9	7	-0.2	18	60	15	..	16	26	163
Late returns and corrections for February 2020															
Ohakune EWS	607	25.1	8.9	17.0	+1.6	29.8	1	1.2	10	37	7	-48	28	22	..
Milford Sound AWS	3	19.6	11.7	15.7	+0.5	23.5	16	7.0	9	..	..	..	340	2	..
Winchmore 2 EWS	164	22.6	10.1	16.4	..	34.8	2	3.5	9	55	7	..	23	22	207
Arrival Heights EWS	218	-6.4	-11.5	-9.0	..	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for January 2020															
Ohakune EWS	607	23.6	7.3	15.5	+0.1	30.1	26	1.6	15	21	6	-80	16	13	..
Winchmore 2 EWS	164	22.7	10.1	16.4	..	32.0	25	3.4	16	3	6	..	1	3	232
Vanuatu,Aneityum	6	29.6	22.3	26.0	..	..	..	..	..	960	18	..	559	9	..
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.