



Climate Database Statistics Report

June 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 June 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	16.8	12.7	14.8	+1.3	19.4	9	7.3	30	125	24	+22	34	18	..
Kaitaia Aero EWS	80	17.8	11.6	14.7	+1.9	20.5	10	2.2	30	139	18	+14	34	6	..
Kaitaia Aero AWS	77	17.8	11.2	14.5	..	20.0	10	2.0	30	146	22	..	34	6	..
Kaitaia EWS	85	17.6	11.9	14.8	+2.0	20.3	10	4.0	30	115	20	-50	24	6	112
Kerikeri EWS	79	17.9	9.6	13.8	+1.7	20.0	10	0.9	30	233	17	+56	44	7	..
Kerikeri Aerodrome Aw	149	17.2	10.1	13.7	+1.9	19.1	14	3.0	30	283	26	+98	95	6	..
Kaikohe AWS	204	16.0	10.7	13.4	+1.6	18.2	19	3.0	30	298	25	+146	96	6	..
Trounson CWS	244	16.3	10.4	13.4	..	20.0	10	1.6	30	162	21	-67	40	6	..
Dargaville 2 EWS	66	..	..	..	..	..	..	..	..	120	19	+9	18	18	110
Purerua AWS	87	17.5	11.6	14.6	..	19.2	19	3.8	30	177	16	..	62	6	..
Russell CWS	15	18.1	9.8	14.0	..	20.6	19	1.0	30	222	25	..	75	7	..
Whangarei Aero AWS	38	17.6	10.6	14.1	+1.7	21.2	19	2.0	30	198	20	+66	64	7	..
Whangarei EWS	12	18.3	9.2	13.8	..	21.6	19	0.3	30	199	18	..	74	7	114
Leigh 2 EWS	27	18.2	12.6	15.4	+2.0	22.0	19	4.8	30	102	20	-15	28	19	..
Whangaparaoa AWS	100	16.2	12.0	14.1	+1.5	..	..	..	..	..	..	..	..	..	..
Tiri Tiri Lighthouse	76	16.3	11.1	13.7	+1.1	18.2	11	5.3	30	96	25	+0	20	13	..
Auckland, Whenuapai A	26	16.5	8.8	12.7	+1.5	19.5	19	-0.5	24	144	26	..	32	18	..
Auckland, Henderson N	7	17.3	8.8	13.1	+1.9	20.4	19	-0.1	30	130	24	-23	30	18	..
Auckland, Motat EWS	16	17.2	9.9	13.6	..	20.1	10	-0.2	30	101	18	..	29	18	127
Waiheke Island, Awaro	34	17.4	10.6	14.0	..	20.0	10	3.5	24	112	15	-20	31	6	..
Whitianga Aero AWS	5	16.7	8.9	12.8	+1.7	18.9	27	1.4	25	190	25	-15	32	6	..
Whitianga EWS	1	17.4	8.6	13.0	..	19.8	1	1.0	24	183	19	..	34	6	..
Thames 2	3	16.7	9.3	13.0	+1.9	20.4	19	1.5	30	113	20	-7	30	6	44
Paeroa AWS	19	16.2	8.3	12.3	+1.8	18.9	12	-1.1	30	153	21	+29	33	19	..
Matamata, Hinuera EWS	85	16.3	6.2	11.3	+2.5	20.0	10	-2.1	30	157	18	..	36	19	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	124
Tauranga Aero AWS	5	16.8	9.4	13.1	+2.1	19.0	8	1.7	30	136	15	+22	54	19	..
Whakatane Aero AWS	8	16.6	7.4	12.0	+2.5	..	..	..	..	..	..	..	..	..	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	127
Whakatane EWS	1	16.9	7.9	12.4	..	20.1	9	0.1	30	93	12	..	35	19	..
Mamaku Radar WXT AWS	17	11.2	7.5	9.4	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	15.3	5.9	10.6	..	18.2	12	-2.5	30	..	..	..	..	..	116
Rotorua EWS	288	14.4	6.7	10.6	..	17.1	9	-2.0	30	161	16	..	82	19	126
Rotorua Aero AWS	286	14.2	6.4	10.3	+1.8	17.8	9	-1.6	24	166	19	+33	72	19	..
Galatea AWS	175	14.6	5.3	10.0	..	18.3	9	-3.1	2	136	24	..	48	19	..
Taupo CWS	360	14.4	6.0	10.2	..	18.2	9	-0.5	23	120	23	..	35	19	..
Tarapounamu EWS	701	11.5	5.3	8.4	..	..	..	..	..	..	..	..	..	..	..
Taupo AWS	402	13.0	5.2	9.1	+1.7	16.3	9	-2.8	2	96	19	+3	25	19	..
Motu EWS	488	13.0	5.1	9.1	+2.6	15.6	14	-1.6	3	207	19	-39	50	14	..
Auckland, Mangere 2 E	16	16.9	10.0	13.5	..	19.8	10	0.1	30	93	16	..	24	18	128
Auckland Aero	7	16.8	10.0	13.4	+1.6	19.7	10	1.3	30	102	22	-6	31	18	..
Auckland Aero Backup	7	16.7	10.0	13.4	..	19.5	10	1.6	30	107	22	..	31	18	..
Ardmore Aero AWS	41	16.9	8.2	12.6	..	19.0	4	-1.0	30	..	..	..	..	..	..
Pukekohe EWS	88	16.3	9.3	12.8	+1.7	19.9	10	0.3	30	115	20	-26	35	14	..
Firth Of Thames EWS	3	16.6	7.6	12.1	..	19.8	10	-1.9	24	80	19	..	23	6	109
Whatawhata 2 EWS	118	14.9	8.0	11.5	+1.5	18.9	10	0.7	24	194	19	+21	38	19	..
Hamilton, Ruakura 2 E	45	15.7	6.6	11.2	+1.6	18.9	10	-2.5	24	121	17	+5	34	19	100
Hamilton AWS	53	15.4	6.5	11.0	+1.6	19.0	12	-2.8	24	127	19	+2	35	19	..
Lake Karapiro CWS	55	16.1	8.8	12.5	..	19.2	10	2.0	30	93	16	..	34	19	..
Port Taharoa AWS	18	16.2	10.5	13.4	+1.5	19.3	10	2.9	30	131	16	..	30	14	..
Awakino EWS	400	11.9	6.9	9.4	..	16.0	9	0.4	30	220	21	..	43	27	66
Waikeria EWS	37	15.6	6.1	10.9	..	19.3	12	-2.3	24	123	18	..	43	27	98
Te Kuiti EWS	61	15.1	5.9	10.5	+1.2	20.0	10	-1.6	24	151	19	+2	37	27	84
Pureora Forest CWS	549	11.9	5.0	8.5	..	15.8	12	-2.6	24	143	13	..	63	27	..
Taumarunui EWS	170	15.4	5.6	10.5	..	20.6	9	-0.4	23	108	20	..	26	14	..
Taumarunui AWS	186	14.9	4.3	9.6	..	19.8	9	-3.5	24	102	21	..	28	27	105
Turangi 2 EWS	360	14.1	4.5	9.3	+1.9	19.2	9	-3.4	24	125	14	-30	34	19	104
New Plymouth AWS	28	15.5	8.4	12.0	+1.4	19.1	9	-0.6	30	134	21	-14	23	19	124
Lower Retaruke CWS	233	14.2	5.3	9.8	..	18.4	9	-1.4	24	101	17	-40	19	27	..
Mt Ruapehu, Chateau E	1097	9.0	1.9	5.5	+1.9	14.1	14	-4.3	23	..	..	..	..	..	..
Pahiatua EWS	110	14.4	6.1	10.3	..	17.8	9	-0.5	3	152	19	..	28	27	..
Masterton Aero AWS	105	14.5	5.3	9.9	..	17.9	10	-1.0	3	148	24	..	41	19	..
Masterton EWS	90	15.0	4.9	10.0	..	19.6	6	-1.7	4	137	19	..	41	19	87

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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, Te Ore Ore	110	14.9	5.5	10.2	..	20.3	10	-0.7	4	144	21	+43	43	19	..
Takapau Plains AWS	346	13.1	5.2	9.2	+1.4	19.2	14	-0.5	24	130	24	..	33	20	..
Dannevirke EWS	207	14.2	6.6	10.4	..	19.1	14	-0.5	3	78	17	..	27	20	74
Cape Turnagain AWS	285	12.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Akitio EWS	245	14.4	8.1	11.3	..	20.4	14	0.8	30	160	15	..	46	20	105
Castlepoint AWS	120	14.3	10.0	12.2	+1.5	18.4	10	3.2	30	117	16	+9	43	20	..
Baring Head	79	14.3	10.1	12.2	..	..	..	..	..	..	..	..	..	..	..
Te Wharau, Brackenfe	292	13.3	6.2	9.8	..	17.7	12	1.1	29	323	16	..	201	20	..
Martinborough EWS	20	15.4	6.7	11.1	+2.5	19.2	15	0.2	3	120	13	..	51	20	64
Ngawi AWS	8	15.3	10.8	13.1	+1.8	18.3	10	3.9	30	146	14	..	76	20	..
Hicks Bay AWS	46	16.7	11.0	13.9	+2.0	..	..	4.3	30	..	..	..	..	..	..
Gisborne AWS	5	16.5	7.8	12.2	+1.8	..	..	2.5	4	..	..	..	..	..	..
Gisborne EWS	12	17.0	8.0	12.5	..	..	..	..	..	..	..	..	..	..	..
Napier Aero AWS	3	16.2	6.8	11.5	+1.8	..	..	0.5	4	100	12	+10	27	21	..
Napier EWS	7	16.5	7.1	11.8	..	20.7	16	1.0	2	110	10	..	44	20	132
Maraekakaho CWS	150	16.0	5.6	10.8	..	21.9	14	-0.2	5	92	9	..	31	20	..
Hastings AWS	16	16.3	5.9	11.1	..	22.0	26	0.3	24	..	..	..	..	..	..
Whakatu EWS	5	17.0	5.5	11.3	+2.5	20.9	26	-1.3	2	118	11	..	48	20	..
Waipawa EWS	130	15.3	5.0	10.2	..	20.2	14	-2.2	4	127	13	..	43	21	99
Wairoa, North Clyde E	15	16.9	7.3	12.1	+2.1	21.9	14	2.9	3	65	17	-58	34	21	..
Wairoa Aero AWS	13	16.4	6.8	11.6	..	20.6	14	2.0	3	72	19	..	37	21	..
Mahia Radar WXT AWS	419	12.3	9.1	10.7	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	15.3	10.9	13.1	+2.3	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	113	15.1	11.2	13.2	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero AWS	8	15.0	8.6	11.8	+2.2	18.2	6	2.1	9	74	17	-41	14	19	96
Paraparaumu EWS	5	15.3	8.6	12.0	..	18.6	6	2.0	9	81	16	-16	15	19	91
Ohakea AWS	47	15.1	7.4	11.3	..	18.7	12	2.0	24	112	15	..	31	27	..
Palmerston North AWS	39	15.1	7.2	11.2	+2.1	18.7	12	0.3	3	117	17	+25	33	26	..
Palmerston North EWS	21	15.4	7.8	11.6	+2.3	18.8	12	1.3	3	106	17	+9	37	26	80
Levin AWS	15	15.6	7.9	11.8	+2.5	20.0	6	1.6	23	121	18	+15	41	27	..
Levin EWS	23	15.2	7.3	11.3	..	19.4	6	0.6	23	126	17	..	48	27	111
Mana Island AWS	110	13.6	10.3	12.0	..	16.5	6	3.4	30	64	17	..	18	19	..
Porirua, Elsdon Park	7	15.0	9.1	12.1	..	19.5	9	..	..	..	..	..	..	..	..
Wellington, Kelburn A	125	13.6	9.7	11.7	+2.0	16.4	11	3.1	30	128	20	-10	37	20	85
Wellington Aero	4	14.7	10.5	12.6	+2.1	17.6	6	4.7	30	117	18	+17	52	20	..
Wellington, Greta Poi	3	14.9	10.4	12.7	..	19.0	12	4.1	30	109	15	..	42	20	..
Wellington Aero Backu	4	14.7	10.6	12.7	..	17.6	6	4.8	30	117	17	..	52	20	..
Upper Hutt, Trentham	50	14.8	7.7	11.3	..	17.5	7	0.3	3	159	16	..	59	20	82
Stratford EWS	280	14.2	5.6	9.9	+1.5	18.3	9	0.0	24	198	16	+2	36	19	86
Hawera AWS	100	14.6	7.7	11.2	+1.7	17.7	10	0.2	30	109	16	-11	21	19	..
Ohakune EWS	607	13.3	3.8	8.6	+2.3	19.1	14	-3.6	24	92	16	-52	21	27	..
Waiouru Treatment Pla	806	10.6	3.8	7.2	+2.2	15.4	9	-2.3	24	79	17	-26	19	27	..
Waiouru Airstrip AWS	820	10.4	3.1	6.8	..	15.2	15	-3.4	24	81	21	..	19	27	..
Waiouru EWS	803	10.1	3.7	6.9	..	15.1	9	-2.4	24	83	17	..	18	27	..
Taihape Rec	433	14.4	2.9	8.7	+1.8	19.0	12	-3.3	24	61	13	-26	13	28	..
Flat Hills WXT AWS	262	14.2	6.5	10.4	..	17.9	14	1.7	23	27	9	-63	18	2	..
Whanganui, Spriggens	15	15.6	8.3	12.0	+1.6	19.2	10	3.9	24	86	14	-3	20	27	..
Wanganui AWS	14	15.5	8.7	12.1	+1.7	19.3	10	4.3	24	93	14	+2	25	27	..
Wanganui 2 AWS	18	16.5	8.0	12.3	..	21.0	10	3.0	23	..	..	..	..	..	..
Takaka EWS	20	15.6	5.6	10.6	+2.2	19.0	9	-1.0	30	192	22	-11	56	13	124
Farewell Spit AWS	3	17.6	10.1	13.9	+3.4	20.0	15	3.5	30	103	22	-45	19	10	..
Westport Aero AWS	5	14.9	7.9	11.4	+2.1	18.6	8	1.0	29	..	..	..	..	..	..
Westport EWS	6	15.2	8.4	11.8	..	18.1	8	0.4	30	208	17	..	51	25	132
Arapito EWS	3	15.2	7.1	11.2	..	19.6	8	0.0	29	186	16	..	37	26	111
Hokitika AWS	40	14.3	6.5	10.4	+2.2	..	..	-1.1	30	285	22	+18	77	25	..
Hokitika EWS	39	14.6	6.3	10.5	..	18.6	21	-1.4	30	271	17	..	74	25	..
Reefton EWS	198	12.6	3.9	8.3	+2.4	15.6	14	-3.3	30	187	19	-13	38	25	83
Greymouth Aero EWS	5	14.3	7.4	10.9	..	16.8	1	-0.8	29	258	18	..	80	25	109
Pigeon Creek CWS	105	12.5	5.8	9.2	..	15.1	20	-2.3	30	506	19	..	260	25	..
Mt Philistine EWS	1655	4.0	-0.4	1.8	..	9.1	8	-8.2	29	577	19	..	195	25	..
Mahanga EWS	1995	2.3	-3.0	-0.4	..	6.7	3	-12.1	29	274	22	..	72	25	..
Ivory Glacier CWS	1390	5.2	1.0	3.1	..	8.7	8	-6.4	29	928	15	..	262	5	..
Okarito EWS	1	14.5	6.3	10.4	..	16.7	21	-0.8	30	313	17	..	79	25	..

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		A Max	B Min			°C	°C	Max	Date				Min	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs	
Franz Josef EWS	80	14.2	5.3	9.8	+2.4	17.2	21	-1.2	30	475	16	..	112	25	114
Haast AWS	1	14.0	7.6	10.8	+2.7	..	..	..	..	..	..	..	..	..	..
Milford Sound AWS	3	11.0	4.6	7.8	+2.2	15.8	4	0.4	30	653	22	..	121	24	..
Milford Sound EWS	3	11.4	4.5	8.0	..	15.5	4	0.3	20	714	20	..	139	24	..
Castle Mount EWS	2000	2.2	-3.2	-0.5	..	8.7	21	-11.1	29	455	17	..	109	5	..
Secretary Island AWS	19	..	8.6	..	..	..	..	2.3	29	..	..	..	121	24	..
Puysegur Point AWS	45	12.6	8.0	10.3	+1.7	18.1	5	3.7	29	217	26	+6	35	24	..
Stephens Island AWS	188	13.6	10.1	11.9	..	..	..	..	..	62	19	..	12	20	..
Motueka, Riwaka EWS	8	15.9	5.7	10.8	+3.2	19.3	2	-1.0	30	94	12	-47	25	6	..
Pelorus Sd, Crail Bay	13	14.3	9.4	11.9	+2.1	..	..	..	..	..	..	..	..	..	..
Appleby 2 EWS	18	14.5	3.4	9.0	+0.9	18.8	9	-1.8	23	52	12	..	11	5	128
Richmond EWS	1	14.3	5.3	9.8	..	18.1	21	-1.7	30	62	11	..	20	5	136
Nelson AWS	6	14.4	6.5	10.5	+2.4	18.5	21	-0.1	30	76	20	..	19	17	..
Blenheim Research EWS	4	15.0	5.6	10.3	+1.8	20.7	10	-1.2	30	76	9	+13	49	20	136
Wairau Valley, Mill R	172	13.8	4.7	9.3	..	19.0	10	-0.6	22	73	12	..	23	27	..
Blenheim Aero AWS	36	14.8	4.3	9.6	+1.9	19.1	10	-3.4	30	78	11	+6	40	20	..
Brothers Island AWS	68	14.1	11.1	12.6	+1.5	16.5	10	6.0	29	58	15	..	24	19	..
Grassmere Salt Works	2	14.7	7.8	11.3	+2.2	18.9	14	2.8	4	62	10	+1	25	20	..
Cape Campbell AWS	6	13.5	9.7	11.6	+1.4	16.2	27	4.3	30	70	8	+5	48	20	..
Boyle River Lodge	600	10.5	2.7	6.6	+2.3	16.0	10	..	..	218	19	+10	60	25	..
Hanmer Forest EWS	363	12.8	1.0	6.9	+1.9	19.9	15	-2.4	9	176	17	+77	111	20	..
Kaikoura, Middle Cree	5	13.3	4.3	8.8	..	17.5	10	0.3	4	85	23	..	34	20	..
Kaikoura AWS	108	13.0	7.5	10.3	+1.2	19.6	25	2.1	29	102	17	+27	33	20	..
Arthurs Pass	745	8.7	2.7	5.7	+2.8	..	..	..	..	..	..	..	..	..	..
Arthurs Pass EWS	745	8.5	2.3	5.4	+2.6	12.5	26	-4.0	30	430	18	+57	149	25	..
Arthurs Pass AWS	743	8.5	2.8	5.7	..	12.8	26	-3.2	30	476	23	..	162	25	..
Culverden AWS	181	12.6	3.5	8.1	..	18.6	15	-1.1	3	..	..	..	..	..	..
Medbury CWS	232	13.6	3.8	8.7	..	19.1	13	-0.6	10	70	14	..	41	20	..
Balmoral East CWS	172	12.7	2.7	7.7	..	19.1	25	-2.6	3	50	15	..	32	20	..
Waipara North Branch	560	11.9	4.4	8.2	..	17.3	10	-0.2	23	9	12	..	4	20	..
Waiiau School CWS	136	13.2	2.9	8.1	..	19.8	13	-1.4	3	93	19	..	56	20	..
Upper Rakaia EWS	1752	4.0	-1.6	1.2	..	8.5	9	-9.6	29	229	19	..	75	25	..
Mt Potts EWS	2128	1.6	-4.2	-1.3	..	8.4	9	-13.8	29	..	..	..	..	..	..
Mt Cook EWS	730	8.6	0.8	4.7	+1.4	15.6	2	-2.7	30	305	17	-17	94	25	65
Mueller Hut EWS	1818	4.2	-1.2	1.5	..	..	..	..	..	..	..	..	..	..	..
Mt Cook Aero AWS	656	9.0	0.6	4.8	..	14.3	5	-5.0	30	182	18	..	53	25	..
Cass EWS	571	11.0	1.9	6.5	..	15.9	14	-4.3	30	127	18	..	51	25	..
Mt Somers, Somer Down	372	11.7	3.0	7.4	..	..	..	-0.9	29	68	17	..	32	20	..
Methven, Three Spring	305	13.3	3.0	8.2	..	22.3	10	-0.3	24	56	20	..	30	20	..
Methven CWS	313	12.5	3.3	7.9	..	18.7	25	-0.1	19	..	..	..	..	..	..
Winchmore 2 EWS	164	12.0	2.2	7.1	..	17.9	25	-1.2	12	51	13	..	21	20	113
Chertsey CWS	108	11.9	4.0	8.0	..	18.5	25	0.4	12	50	12	..	18	17	..
Mayfield at Ruapuna F	325	12.5	2.3	7.4	..	18.5	2	-1.0	30	54	18	..	29	20	..
Peel Forest	286	12.2	2.3	7.3	+1.8	18.7	13	-0.6	19	..	..	..	..	..	..
Lismore, Racemans Hou	168	12.6	3.1	7.9	..	19.3	25	-0.6	30	36	14	..	15	20	..
Ashburton Council	101	12.3	3.5	7.9	+1.5	..	..	-1.0	12	..	..	..	..	..	..
Ashburton Aero AWS	88	12.0	2.9	7.5	..	19.2	25	-1.1	12	47	19	..	15	20	104
Wakanui 2 CWS	53	12.0	3.6	7.8	..	19.8	25	0.0	12	37	12	..	15	17	..
Waipara West EWS	130	14.1	4.7	9.4	..	21.1	25	0.9	22	66	11	..	47	20	92
West Eyreton, Larunde	88	11.9	3.7	7.8	..	19.8	25	0.1	3	..	..	..	..	..	..
Ohoka CWS		12.3	3.3	7.8	..	20.9	25	-0.2	3	78	19	..	31	20	..
Rangiora EWS	23	12.8	3.8	8.3	+1.8	19.5	25	-0.4	3	70	14	..	35	20	88
Christchurch Aero	37	12.4	4.0	8.2	+1.8	20.2	25	-0.7	3	54	23	-4	21	17	87
Christchurch Aero Bac	37	12.2	3.7	8.0	..	20.0	25	-0.8	3	52	20	..	21	17	..
Christchurch Gardens	7	12.8	4.8	8.8	+1.7	20.7	25	1.0	3	..	..	..	..	..	..
Christchurch, Kyle St	6	12.8	4.7	8.8	+1.9	20.5	25	0.0	3	48	15	..	16	17	..
Bromley EWS	3	12.5	5.8	9.2	..	18.1	25	1.1	3	63	13	..	24	20	94
Lincoln, Broadfield E	18	12.4	4.6	8.5	+1.8	19.0	25	0.7	2	58	13	+1	25	17	78
Sugar Loaf AWS	496	10.5	5.4	8.0	..	17.1	25	-1.5	29	..	..	..	..	..	..
Diamond Harbour EWS	122	12.2	6.3	9.3	..	19.2	25	0.9	29	43	17	..	10	28	101
Dorie CWS At Leferink	55	11.4	3.8	7.6	..	19.6	10	-1.5	12	..	..	..	..	..	..
Akaroa EWS	45	13.9	5.9	9.9	+1.8	20.7	13	2.0	29	124	18	+23	57	20	88
Le Bons Bay AWS	238	11.5	6.8	9.2	+0.9	18.0	13	0.9	29	51	20	..	13	20	..

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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		
Lake Tekapo, Air Safa	762	9.0	0.7	4.9	+2.3	15.2	4	-3.5	29	57	18	-3	19	13	..
Lake Tekapo EWS	762	9.3	0.4	4.9	+2.3	15.1	4	-3.6	29	53	11	..	18	13	116
Fairlie AWS	403	11.3	3.4	7.4	..	19.2	25	0.3	29	36	14	..	10	17	..
Pukaki Aerodrome AWS	461	8.8	0.5	4.7	..	14.7	5	-4.6	30	30	20	..	9	5	..
Hakataramea Valley Cw	355	11.3	1.5	6.4	..	18.3	5	-1.8	19	11	11	..	5	13	..
Orari Estate	81	12.3	3.1	7.7	+2.1	18.5	10	-0.5	19	..	..	..	..	..	..
Timaru Aero AWS	27	12.0	2.3	7.2	+1.6	18.0	10	-1.5	19	12	8	-27	5	20	..
Timaru EWS	17	11.6	4.0	7.8	+1.3	17.6	25	1.2	19	15	13	-22	5	15	..
Otaio @ Springbank ro	14	11.8	4.0	7.9	..	19.7	25	0.2	19	14	12	..	3	5	..
Waimate CWS	39	12.5	3.5	8.0	..	16.4	2	-0.4	19	22	8	..	6	13	..
Oamaru Airport AWS	30	11.3	3.0	7.2	+1.1	14.9	5	-0.4	19	36	14	-2	8	17	..
Albert Burn	1280	5.7	-0.3	2.7	..	9.8	9	-6.2	19	283	19	..	56	13	..
Mt Larkins EWS	1900	1.7	-4.1	-1.2	..	6.5	10	-12.3	29	..	..	..	..	..	..
Eglinton, Knobs Flat	365	9.2	1.8	5.5	..	13.9	5	-3.2	30	286	18	..	58	24	..
Tara Hills AWS	485	9.2	0.0	4.6	+1.7	16.0	5	-3.9	18	29	17	-17	9	5	..
Wanaka CWS	331	9.7	2.3	6.0	..	15.9	5	-2.3	30	53	9	..	23	13	..
Wanaka Aero AWS	352	9.7	2.4	6.1	+2.0	16.1	5	-2.6	19	47	11	-13	19	13	..
Windsor EWS	81	12.9	1.6	7.3	+1.8	17.5	4	-2.9	19	20	12	-14	7	13	..
Ranfurly EWS	450	9.7	-0.3	4.7	+1.9	18.1	5	-6.2	19	10	12	-20	5	13	..
Oamaru AWS	40	12.0	3.7	7.9	+0.8	17.4	25	0.3	19	37	21	..	6	13	..
Palmerston	21	12.2	1.5	6.9	+1.1	17.6	3	-2.7	12	..	..	..	..	..	89
Middlemarch EWS	213	11.1	0.3	5.7	+1.4	..	..	..	..	..	..	..	..	..	..
Swampy Summit AWS	716	7.9	2.6	5.3	..	13.9	12	-3.2	29	..	..	..	..	..	..
Dunedin Aero AWS	2	11.5	1.6	6.6	+1.0	18.2	5	-3.3	12	69	16	+22	17	13	..
Dunedin, Musselburgh	4	12.0	5.6	8.8	+1.5	15.6	3	1.8	29	57	16	-1	16	13	75
Oamaru EWS	20	11.7	3.2	7.5	..	17.9	25	-0.2	19	26	13	..	7	17	118
Murchison Mtns EWS	1140	5.8	0.8	3.3	..	10.5	12	-5.1	29	329	22	..	83	24	..
Takahe Valley CWS	895	5.4	-0.1	2.7	..	11.1	12	-4.9	30	251	16	..	54	24	..
Te Anau At Park HQ Cw	204	9.1	3.4	6.3	..	16.9	5	-1.8	18	..	..	..	..	..	..
Manapouri, West Arm J	178	7.9	3.4	5.7	+1.8	11.6	10	-1.6	20	341	21	..	97	24	..
Manapouri Aero AWS	209	9.7	2.1	5.9	+1.7	18.1	5	-3.4	18	145	22	+40	28	25	..
Birchwood WXT AWS	149	11.0	3.1	7.1	..	17.9	5	-3.1	19	112	23	..	22	25	..
Queenstown EWS	322	10.1	3.1	6.6	..	14.8	2	-0.9	30	96	11	..	25	13	..
Queenstown Aero AWS	357	10.2	1.5	5.9	+2.0	17.3	5	-4.3	30	66	12	-6	19	13	115
Five Rivers CWS	260	10.0	1.2	5.6	..	19.5	5	-4.7	20	102	16	..	35	25	..
Lumsden AWS	194	9.8	1.6	5.7	+1.0	18.6	5	-4.2	19	93	22	..	27	25	..
Waipounamu CWS	152	9.8	1.3	5.6	..	19.8	5	-2.5	8	87	20	..	24	25	..
Cromwell EWS	213	10.5	2.2	6.4	+2.3	18.3	5	-3.4	19	22	9	..	8	13	87
Lauder EWS	375	9.0	0.4	4.7	+1.7	18.3	5	-3.7	19	26	14	-5	11	5	..
Ophir 2	305	9.7	-0.3	4.7	..	17.9	5	-6.4	19	..	..	..	..	..	..
Alexandra	150	10.6	1.9	6.3	+2.6	..	..	..	..	33	10	..	10	13	..
Clyde 2 EWS	170	9.7	1.4	5.6	..	19.2	5	-4.2	19	30	10	..	10	13	..
Alexandra AWS	231	9.1	1.5	5.3	..	18.3	5	-4.0	19	33	17	..	12	13	..
Alexandra EWS	132	9.9	1.9	5.9	..	18.7	5	-3.6	19	28	9	..	10	13	90
Roxburgh WXT AWS	160	10.7	3.9	7.3	..	19.3	5	-1.2	20	58	22	..	18	25	..
Ettrick No.2	91	11.5	2.0	6.8	+1.8	19.5	6	-3.0	7	..	..	..	..	..	..
Tapanui EWS	180	10.7	2.3	6.5	..	17.3	5	-3.2	19	78	18	..	19	13	..
Gore AWS	123	10.7	3.2	7.0	+1.7	17.6	5	-0.5	8	80	19	+3	20	13	..
Gore EWS	60	11.3	2.8	7.1	..	18.2	5	-0.5	21	82	17	..	21	13	109
Invercargill Aero AWS	3	11.6	2.5	7.1	+1.2	17.5	5	-3.0	21	99	23	..	24	13	..
Invercargill Aero 2 E		11.5	2.0	6.8	..	16.9	5	-3.5	20	91	19	..	26	13	102
Tiwai Point EWS	5	11.2	4.0	7.6	+0.7	15.8	5	-0.4	19	71	21	-22	15	25	..
Balclutha, Fingand	6	10.9	1.8	6.4	+0.6	..	..	-9.0	19	83	20	+25	28	13	..
Balclutha, Telford Ew	11	11.1	2.1	6.6	..	16.4	5	-2.2	19	80	19	..	27	13	83
Nugget Point AWS	131	10.7	5.4	8.1	+1.3	15.6	3	0.8	28	73	17	-11	31	13	..
Tautuku	25	11.4	4.5	8.0	+1.2	16.5	5	-1.0	14	95	14	-31	24	13	..
South West Cape AWS	103	11.2	7.2	9.2	+1.4	16.4	5	2.5	29	..	..	..	36	13	..
Kiribati, Cassidy Chri	3	31.0	24.9	28.0	..	..	..	22.3	6	..	..	..	..	..	..
Solomon, Taro Is	3	31.4	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.3	..	..	..	..	22.1	13	..	..	..	..	..	..
Solomon, Honiara	56	32.0	24.2	28.1	..	33.3	5
Solomon, Henderson	9	32.4	22.8	27.6
Solomon, Santa Cruz	24	30.8	24.4	27.6	22.5	26

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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		
Vanuatu,Sola	13	..	24.5	140	18	..	50	15	..	
Vanuatu,Pekoa	56	..	22.7	..	..	..	20.0	21	28	12	..	14	28	..	
Vanuatu, Bauerfield	20	28.2	18.6	23.4	..	..	..	..	35	11	..	14	17	..	
Vanuatu,Burtonfield	70	..	18.8	..	..	..	..	..	30	6	..	16	14	..	
New Cal, Koumac	18	27.0	17.2	22.1	..	29.0	17	15.1	2	2	10	..	0	11	..
New Cal, Oulop	7	26.3	19.7	23.0	..	28.4	19	13.5	1	..	..	..	..	..	..
New Cal, Ouanaham	29	25.7	17.2	21.5	..	28.4	19	8.5	1	..	..	..	..	..	..
New Cal, La Roche	42	26.1	15.2	20.7	..	..	..	9.5	1	..	..	..	..	..	..
New Cal, La Tontouta	14	25.5	16.0	20.8	..	28.6	18	11.5	9	..	..	..	..	..	..
New Cal, Nouma	72	25.9	18.2	22.1	..	27.9	13	16.1	9	..	..	..	..	..	..
New Cal, Moue	97	24.4	18.3	21.4	..	26.3	19	13.8	9	..	..	..	..	..	..
Kiribati,Butaritari	2	31.9	25.0	28.5	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.6	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.0	25.5	28.3	..	31.8	16	23.5	27	..	..	..	..	..	..
Kiribati,Beru	2	..	25.6	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	30.5	26.2	28.4	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.6	27.2	29.4	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.4	..	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	28.5	20.2	24.4	..	30.1	17	16.8	27	..	..	..	..	..	..
Fiji,Nausori Aero	6	27.7	20.5	24.1	..	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.0	25.1	27.6	..	30.8	4	22.7	24	..	..	..	..	..	..
Maopopo, Futuna Isla	36	29.6	24.4	27.0	..	31.7	6	23.4	8	..	..	..	..	..	..
Samoa,Faleolo	4	31.0	23.5	27.3	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.6	23.8	26.7	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.2	25.3	27.3	..	31.1	1	23.1	9	280	25	..	74	9	..
Tonga, Queen Lavinia	60	29.5	24.0	26.8	..	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	28.9	24.3	26.6	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	26.9	20.5	23.7	..	28.7	8	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	26.5	21.5	24.0	..	28.8	1	18.6	23	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	25.3	19.5	22.4	..	27.8	23	15.2	9	..	..	..	..	..	..
CI Rarotonga Aero	7	26.5	20.3	23.4	..	29.9	2	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	24.1	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	28.8	23.3	26.1	..	31.4	2	22.1	24	129	26	..	18	2	..
Society Is, Mopelia	..	29.2	24.5	26.9	..	30.3	18	22.3	22	..	..	..	..	..	..
Tahiti - Faaa	1	29.8	23.4	26.6	..	30.8	10	21.5	26	69	12	..	24	6	..
Tuamotu, Takaroa	2	29.9	24.6	27.3	..	31.1	5	23.1	20	..	..	..	..	..	..
Tuamotu, Hao	3	27.9	24.7	26.3	..	28.7	30	22.7	9	..	..	..	..	..	..
Gambier, Rikitea	91	25.0	21.4	23.2	..	..	..	18.2	9	100	17	..	38	14	..
Tubuai	2	25.5	20.1	22.8	..	27.0	1	14.4	8	..	..	..	..	..	..
Rapa	1	22.4	18.3	20.4	..	25.1	3	12.4	13	324	17	..	56	4	..
Raoul Island AWS	50	20.7	16.0	18.4	..	22.7	8	13.1	3	112	18	..	39	20	179
Campbell Island AWS	16	8.1	3.8	6.0	+0.9	14.1	5	-1.2	15	93	29	-17	16	9	..
Chatham Island Aero A	12	13.0	7.7	10.4	..	15.4	6	0.9	5	96	27	..	18	27	..
Georg Von Neumayer	40	-23.0	-33.5	-28.3	..	-12.5	7	-45.0	15	..	..	..	..	..	..
Ant South Pole	2827	-60.2	-67.7	-64.0	..	-43.3	22	-74.9	13	..	..	..	..	..	..
Halley Bay	30	-30.4	-39.8	-35.1	..	-10.7	27	-51.8	16	..	..	..	..	..	..
Gen Belgrano 2	256	-20.6	-28.4	-24.5	..	-6.4	27	-38.0	16	..	..	..	..	..	..
Bellingshausen	16	-1.2	-4.5	-2.9	..	1.9	27	-14.1	8	..	..	..	..	..	..
Base Jubany	4	-0.2	-5.3	-2.8	..	4.3	21	-12.2	1	..	..	..	..	..	..
V C Marambio	198	-8.3	-19.2	-13.8	..	6.2	17	-26.0	8	..	..	..	..	..	..
Eduardo Frei	10	-1.5	-4.1	-2.8	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat	..	-1.1	-4.1	-2.6	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	-1.3	-4.7	-3.0	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-3.6	-7.1	-5.4	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	-1.0	-5.2	-3.1	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-3.7	-8.9	-6.3	..	3.1	16	-20.3	7	..	..	..	..	..	..
Argentine Is, Faraday	11	-1.4	-5.8	-3.6	..	4.6	9	-11.1	7	..	..	..	..	..	..
Gen San Martin	4	-1.2	-13.8	-7.5	..	5.0	16	-26.6	22	..	..	..	..	..	..
Novolax Arevskaja	99	-14.7	-18.9	-16.8	..	..	..	-34.3	25	..	..	..	..	..	..
Maitri	..	-13.1	-20.1	-16.6	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-13.4	-21.4	-17.4	..	-4.5	23	-32.1	13
Mawson	16	-15.4	-21.4	-18.4	..	-6.9	26	-27.5	30
Davis	13	-15.4	-22.8	-19.1	..	-6.9	7	-33.8	30

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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		
Progress	64	-15.5	-18.4	-17.0	-32.5	30	
Mirnyj	30	-16.5	-18.9	-17.7	..	-3.7	15	..	..	..	..	..	..	..
Vostok	3420	-67.6	-72.1	-69.9	..	..	..	..	..	..	..	..	..	..
Casey	41	-10.3	-16.2	-13.3	..	-2.6	15	-25.5	23	..	..	..	..	..
Durmont Durville	43	-14.8	-20.4	-17.6	..	-9.0	16	-24.6	24	..	..	..	..	..
Mcmurdo	24	-18.7	-27.1	-22.9	..	-10.2	21	-34.4	12	..	..	..	..	..
Arrival Heights EWS	218	-19.5	-27.4	-23.5	..	-11.8	21	-36.2	16	..	..	..	..	..
Scott Base EWS	20	-20.0	-31.7	-25.9	..	-11.0	21	-42.0	15	..	..	..	..	..
Scott Base 2 EWS	43	-19.1	-31.0	-25.1	..	-10.4	21	-41.2	15	..	..	..	..	..
Darwin Airport	31	31.5	15.9	23.7	..	33.7	18	13.1	3	..	..	..	..	..
Hobart Airport	4	31.5	6.3	18.9	..	33.7	18	-0.1	29	55	19	..	26	17	
Late returns and corrections for May 2021															
Tiri Tiri Lighthouse	76	17.4	11.4	14.4	-0.2	20.0	10	7.9	28	49	20	-40	14	14	
Mt Ruapehu, Chateau E	1097	10.6	1.9	6.3	+0.4	15.3	7	-4.9	14	..	..	..	..	..
Takaka EWS	20	17.5	5.5	11.5	+0.7	26.2	5	-1.3	26	272	18	+110	75	16	
Nelson Aero	2	16.5	6.5	11.5	+1.0	22.6	6	..	..	142	12	+60	29	29
Richmond EWS	1	16.5	5.3	10.9	..	22.9	6	-1.5	26	106	11	..	28	29	
Cheviot EWS	75	17.3	2.7	10.0	..	28.2	9	..	..	..	..	..	..	..
Rangiora EWS	23	16.9	2.8	9.9	+0.9	28.3	11	-5.2	27	166	11	..	75	29	
Christchurch Gardens	7	15.8	5.4	10.6	+0.8	28.0	11	0.1	2	..	..	..	..	..
Windsor EWS	81	14.7	1.9	8.3	+0.6	22.5	9	-4.0	26	59	11	-1	20	30	
Ranfurly EWS	450	13.0	-1.1	6.0	+0.5	20.6	5	-9.3	26	45	12	+14	11	11	
Balclutha, Finegand	6	13.6	2.4	8.0	-0.1	19.2	10	..	..	63	18	+3	13	30
Tuamotu, Takaroa	2	30.6	25.2	27.9	..	31.6	7	22.5	29	17	13	..	5	16	
Late returns and corrections for April 2021															
Takaka EWS	20	20.3	7.8	14.1	+1.0	26.7	5	3.0	30	185	16	+29	110	9	
Mt Potts EWS	2128	5.2	-1.5	1.9	..	10.3	6	-8.5	28	195	20	..	117	4	
Late returns and corrections for March 2021															
Takaka EWS	20	20.9	9.9	15.4	-0.1	24.0	6	5.7	19	234	20	+93	69	28	
Late returns and corrections for February 2021															
Takaka EWS	20	22.8	10.4	16.6	-0.8	25.2	16	6.4	11	92	6	-26	37	24	
Late returns and corrections for January 2021															
Takaka EWS	20	23.9	11.1	17.5	+0.3	29.0	27	7.2	21	39	11	-92	14	17	
Late returns and corrections for December 2020															
Takaka EWS	20	22.1	10.8	16.5	+0.5	26.8	10	5.4	28	115	11	-53	41	23	
Late returns and corrections for November 2020															
Takaka EWS	20	20.5	10.1	15.3	+1.3	26.7	15	6.2	28	345	18	+186	69	3	
Late returns and corrections for October 2020															
Takaka EWS	20	18.7	7.2	13.0	+0.8	23.7	23	0.0	2	197	16	-1	56	11	
Late returns and corrections for September 2020															
Takaka EWS	20	17.1	4.7	10.9	+0.6	20.4	24	-0.2	12	135	14	-62	66	26	
Late returns and corrections for August 2020															
Takaka EWS	20	15.9	3.6	9.8	+1.1	20.8	30	0.2	10	186	13	+3	61	18	
Late returns and corrections for July 2020															
Takaka EWS	20	14.4	2.6	8.5	+0.7	17.7	6	-2.8	2	115	17	-81	34	5	
Late returns and corrections for June 2020															
Takaka EWS	20	16.1	5.3	10.7	+2.3	19.1	22	-0.3	11	179	13	-24	43	15	
Late returns and corrections for May 2020															
Takaka EWS	20	17.2	4.7	11.0	+0.2	22.2	8	0.7	22	181	8	+19	88	24	

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 April 2020															
Takaka EWS	20	20.3	6.7	13.5	+0.4	24.2	17	3.3	22	75	9	-81	39	12	206
Late returns and corrections for March 2020															
Samoa, Pago Pago Aero	3	31.7	25.6	28.7
Late returns and corrections for January 2020															
Thames 2	3	25.1	14.3	19.7	+0.3	29.2	26	8.9	8	18	9	-47	8	18	..

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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