



Climate Database Statistics Report

April 2023

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 April 2023

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	19.7	16.2	18.0	+0.6	22.1	13	13.1	25	128	22	..	29	29	..
Kaitaia Aero EWS	80	21.5	15.3	18.4	+1.2	24.3	14	8.3	5	125	14	+29	47	21	..
Kaitaia Aero AWS	77	21.5	15.2	18.4	..	24.0	8	8.0	5	139	20	..	51	21	..
Kaitaia EWS	85	21.7	15.8	18.8	+1.9	23.8	14	9.9	5	121	13	+22	38	21	107
Kerikeri EWS	79	21.6	13.9	17.8	+1.2	24.7	2	7.1	25	196	19	+53	60	21	..
Kerikeri Aerodrome Aw	149	20.6	13.9	17.3	+1.1	24.0	10	7.7	25	275	24	+123	93	30	..
Kaikohe AWS	204	19.9	14.2	17.1	+1.0	..	..	..	..	371	27	+235	169	30	..
Trounson CWS	244	20.1	13.5	16.8	+1.7	23.6	20	7.4	5	136	20	+22	65	30	..
Dargaville 2 EWS	66	21.4	14.2	17.8	+1.3	25.4	10	8.1	1	73	17	-14	26	21	80
Purerua AWS	87	20.9	15.3	18.1	+1.2	23.3	8	10.1	25	161	25	+39	36	30	..
Russell CWS	15	21.1	13.5	17.3	..	23.8	2	6.1	25	26	11	-93	19	1	..
Whangarei Aero AWS	38	21.0	14.5	17.8	+0.8	24.6	10	7.7	25	236	20	+142	74	6	..
Whangarei EWS	12	21.4	13.6	17.5	+1.3	..	..	..	..	229	19	..	65	30	99
Mokohinau AWS	70	19.9	17.1	18.5	+0.6	21.9	1	14.1	25	113	14	+38	46	6	..
Leigh 2 EWS	27	22.3	15.7	19.0	..	25.9	2	9.2	25	123	19	+40	48	6	..
Warkworth EWS	72	20.7	12.7	16.7	+1.3	24.0	10	4.1	25	119	22	+7	27	6	..
Whangaparaoa AWS	100	20.7	15.3	18.0	+0.8	24.5	2	10.1	25	101	18	+19	32	6	..
Tiri Tiri Lighthouse	76	20.0	13.9	17.0	-0.2	22.4	2	..	..	63	20	-9	18	6	..
Auckland, Whenuapai A	26	20.9	13.5	17.2	+1.4	25.1	10	4.1	25	101	19	..	35	30	..
Auckland, North Shore	64	21.2	14.3	17.8	+1.8	24.1	2	5.1	25	84	18	-9	23	6	143
Auckland, Motat EWS	16	21.8	14.5	18.2	..	25.2	2	5.0	25	80	16	..	39	30	156
Waiheke Island, Awaro	34	21.9	14.0	18.0	+1.6	25.0	19	6.5	5	141	11	+36	60	30	..
Manukau Heads EWS	240	18.8	14.3	16.6	..	21.9	10	9.0	25	108	17	..	49	30	149
Whitianga Aero AWS	5	20.7	13.4	17.1	+1.5	24.4	2	3.8	25	239	23	+83	46	30	..
Whitianga EWS	1	21.3	13.1	17.2	+1.4	..	..	..	..	..	..	..	..	..	..
Thames EWS	3	21.6	13.2	17.4	..	24.9	19	4.3	25	71	15	..	24	6	..
Matamata, Hinuera EWS	85	20.2	10.1	15.2	+1.0	23.2	2	-0.2	25	52	11	-46	14	12	..
Tauranga Aero AWS	2	21.1	13.5	17.3	+1.4	24.3	2	5.0	25	112	14	-20	45	9	176
Te Puke EWS	123	20.9	12.5	16.7	+1.6	..	..	..	..	161	13	-12	43	9	..
Whakatane Aero AWS	8	21.0	11.5	16.3	+1.4	22.8	14	2.7	25	62	16	-60	21	22	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	194
Whakatane EWS	1	21.5	12.3	16.9	..	24.2	14	3.4	25	60	10	..	21	22	..
Mamaku Radar WXT AW617	15.4	10.5	13.0	+1.0	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	22.2	10.8	16.5	+1.3	25.9	2	1.2	25	..	..	..	..	..	159
Rotorua EWS	288	19.3	10.3	14.8	..	23.1	2	0.4	25	84	12	..	32	9	176
Rotorua Aero AWS	286	19.1	10.5	14.8	+1.4	22.8	2	0.0	25	109	13	-24	23	30	..
Galatea AWS	175	19.8	9.3	14.6	+1.5	23.8	2	0.2	25	85	12	..	51	9	..
Taupo CWS	360	19.8	9.2	14.5	..	23.0	2	0.6	25	69	17	..	16	9	..
Tarapounamu EWS	701	14.6	7.9	11.3	+0.6	18.4	2	0.0	25	108	14	-37	40	9	..
Taupo AWS	402	18.2	8.7	13.5	+1.2	21.4	10	-1.7	25	..	..	..	..	..	..
Motu EWS	488	18.2	9.1	13.7	+2.1	22.2	2	-0.7	25	110	21	-45	23	7	..
Auckland, Mangere 2 E	16	21.1	14.4	17.8	..	23.8	2	5.2	25	95	12	+3	31	30	149
Auckland Aero	7	21.3	14.5	17.9	+1.3	24.5	10	6.2	25	94	14	+7	37	30	..
Auckland Aero Backup	7	21.3	14.6	18.0	+1.4	24.4	10	6.7	25	91	13	..	36	30	..
Ardmore Aero AWS	41	21.4	13.0	17.2	..	25.0	2	3.0	25	..	..	..	..	..	..
Pukekohe EWS	88	21.0	12.8	16.9	+1.1	24.7	20	3.5	25	63	13	-36	19	30	..
Firth Of Thames EWS	3	21.4	11.5	16.5	+1.3	25.6	20	1.1	25	47	14	-76	12	6	143
Whatawhata 2 EWS	118	20.9	11.3	16.1	+1.0	24.1	19	4.2	25	67	17	-49	17	9	..
Hamilton, Ruakura 2 E	45	21.1	11.1	16.1	+1.4	24.3	10	1.4	25	36	13	-56	13	9	154
Hamilton AWS	53	20.7	10.5	15.6	+1.1	23.7	7	0.8	25	55	17	-34	16	9	..
Lake Karapiro CWS	55	20.9	12.9	16.9	+1.4	24.2	10	4.9	25	57	11	-41	24	9	..
Port Taharoa AWS	18	20.7	14.4	17.6	+1.2	24.1	7	7.3	25	76	15	-8	39	21	..
Awakino EWS	400	17.7	10.4	14.1	..	20.9	7	6.0	25	123	15	-53	44	11	..
Waikeria EWS	37	21.2	10.1	15.7	..	24.2	19	0.2	25	44	9	-44	28	9	146
Te Kuiti EWS	61	21.6	9.0	15.3	+1.0	..	..	..	..	64	10	-44	29	21	147
Pureora Forest CWS	549	17.2	8.4	12.8	+1.6	19.6	10	-1.8	25	79	11	-58	36	9	..
Taumarunui EWS	170	20.4	8.2	14.3	+1.1	23.5	2	-0.4	25	91	19	-28	34	21	..
Taumarunui AWS	186	20.3	8.2	14.3	+1.3	23.4	2	-1.0	25	70	20	..	22	21	160
Turangi 2 EWS	360	19.0	7.1	13.1	+1.2	21.9	2	-1.4	25	124	9	+1	63	21	162
New Plymouth AWS	28	19.9	11.7	15.8	+1.0	23.0	14	3.8	25	89	17	-28	39	21	201
Lower Retaruke CWS	233	19.6	8.4	14.0	+1.1	22.6	7	0.2	25	87	17	-36	32	11	..
Mt Ruapehu, Chateau E	1097	13.1	5.3	9.2	+0.7	16.8	20	-1.8	25	67	14	-138	24	22	..
Pahiatua EWS	110	18.7	8.9	13.8	+1.2	24.1	20	0.7	25	142	16	..	58	21	..

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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 Aero AWS	105	18.3	9.5	13.9	+1.0	23.5	2	1.6	27	127	21	..	49	21	..
Masterton EWS	90	19.2	9.3	14.3	+1.7	24.1	20	1.4	25	..	..	..	..	..	133
Masterton, Te Ore Ore	110	19.2	9.9	14.6	+1.1	26.3	2	2.1	25	112	17	+41	43	21	..
Takapau Plains AWS	346	17.7	9.1	13.4	+1.3	24.0	20	2.0	27	105	21	+13	36	21	..
Dannevirke EWS	207	18.3	10.0	14.2	+1.5	..	..	..	..	110	17	+23	46	21	119
Cape Turnagain AWS	285	15.4	11.6	13.5	+0.4	21.5	20	6.5	25	94	19	..	28	22	..
Akitio EWS	245	16.6	11.1	13.9	+0.8	23.1	20	4.2	25	111	23	..	29	21	136
Castlepoint AWS	120	17.2	12.5	14.9	+0.4	23.8	20	6.7	25	86	21	+24	21	21	..
Baring Head	79	..	11.8	..	..	..	..	..	..	..	..	..	..	..	..
Te Wharau, Brackenfie	292	17.3	9.0	13.2	+0.7	23.1	19	3.3	25	143	15	+10	58	21	..
Martinborough EWS	20	19.0	9.9	14.5	+1.4	23.1	20	2.2	4	85	15	+23	22	19	115
Ngawi AWS	8	19.1	12.8	16.0	+0.9	22.7	2	8.6	27	93	19	+28	20	19	..
Hicks Bay AWS	46	20.3	14.9	17.6	+1.3	22.5	1	6.1	25	101	17	+0	30	22	..
Gisborne AWS	5	20.8	12.2	16.5	+1.4	25.5	2	5.2	25	103	18	-1	31	8	150
Gisborne EWS	12	21.1	11.4	16.3	+0.7	26.3	2	4.6	25	73	15	-34	22	13	..
Tolaga Bay WXT AWS	15	20.0	13.3	16.7	+1.9	24.9	10	7.1	5	169	23	..	61	8	..
Tutira CWS	235	18.8	11.1	15.0	+1.4	25.9	20	2.3	25	96	17	-28	34	7	..
Napier Aero AWS	3	20.4	11.6	16.0	+1.4	25.5	10	3.3	25	46	18	-35	11	22	..
Napier EWS	7	21.2	13.0	17.1	..	26.5	10	3.9	25	24	12	-60	7	22	160
Maraekakaho CWS	150	20.4	9.6	15.0	..	25.2	10	0.9	25	39	14	..	9	13	..
Hastings AWS	16	20.8	10.7	15.8	+1.3	26.5	10	1.7	25	..	..	..	..	..	..
Whakatu EWS	5	21.3	9.7	15.5	+1.7	26.8	10	-0.6	25	27	14	-52	6	6	..
Waipawa EWS	130	19.8	9.3	14.6	+1.5	25.5	20	1.0	25	46	16	-34	14	21	114
Wairoa, North Clyde E	15	21.7	11.4	16.6	+1.7	27.5	20	4.3	25	85	14	-46	37	8	..
Wairoa Aero AWS	13	20.6	10.9	15.8	+1.5	26.2	2	3.2	25	100	17	..	49	8	..
Mahia Radar WXT AWS	419	15.6	11.7	13.7	+0.3	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	18.2	13.4	15.8	+0.7	..	..	..	..	85	19	-12	30	8	..
Cape Kidnappers WXT A	113	18.3	14.4	16.4	+1.3	21.5	2	7.6	25	..	..	..	..	..	..
Paraparaumu Aero	5	19.1	10.0	14.6	+0.8	21.8	9	3.2	25	194	11	+114	46	19	171
Paraparaumu Aero AWS	8	19.0	10.0	14.5	+0.8	22.3	20	3.4	25	202	13	+131	49	19	..
Paraparaumu EWS	5	19.2	10.2	14.7	..	22.6	20	3.7	25	183	11	+109	44	19	180
Ohakea AWS	47	19.6	10.4	15.0	+0.7	24.3	20	3.9	25	88	14	..	22	22	..
Palmerston North AWS	39	19.7	10.4	15.1	+1.2	24.2	10	1.8	25	91	14	+14	32	21	..
Palmerston North EWS	21	20.0	11.0	15.5	+1.5	24.8	10	2.2	25	97	13	+13	34	19	167
Levin AWS	15	20.3	10.7	15.5	+1.6	25.4	10	2.8	25	164	15	+79	59	19	..
Levin EWS	23	20.1	10.5	15.3	..	24.4	10	2.2	25	140	13	..	51	19	177
Mana Island AWS	110	16.8	12.1	14.5	+1.0	19.4	10	7.2	25	128	14	..	31	18	..
Porirua, Elsdon Park	7	18.6	10.9	14.8	..	21.4	30	4.0	29	172	15	..	42	19	..
Wellington, Kelburn A	125	17.4	11.7	14.6	+0.8	20.2	2	6.7	25	131	17	+4	38	18	163
Wellington Aero	4	18.1	12.3	15.2	+0.7	21.2	2	6.4	28	116	17	+36	30	18	..
Wellington, Greta Poi	3	19.1	12.7	15.9	+0.9	22.2	17	8.2	28	100	14	..	24	19	..
Wellington Aero Backu	4	18.1	12.3	15.2	+0.7	21.2	2	6.4	28	115	17	+35	30	18	..
Upper Hutt, Trentham	50	18.7	9.2	14.0	+1.3	22.5	9	0.5	25	136	14	+29	40	10	159
Stratford EWS	280	17.8	9.5	13.7	+0.8	20.5	2	4.1	25	234	13	+76	91	21	146
Hawera AWS	100	18.7	10.7	14.7	+1.1	22.1	20	4.2	28	99	20	-6	29	21	..
Waiouru Airstrip AWS	820	15.7	6.7	11.2	+1.9	20.6	22	-3.0	25	41	18	..	13	11	..
Waiouru EWS	803	16.2	7.1	11.7	..	21.3	22	-2.3	25	30	18	-64	7	11	..
Flat Hills WXT AWS	262	18.7	9.4	14.1	+1.0	23.7	20	2.7	25	86	22	+2	27	21	..
Whanganui, Spriggens	15	20.3	11.2	15.8	+0.9	25.4	20	..	..	58	12	-27	18	21	..
Whanganui AWS	14	20.1	11.5	15.8	+1.2	25.6	20	5.8	28	66	16	-20	20	21	..
Wanganui 2 AWS	18	21.9	10.9	16.4	+1.4	28.0	20	5.0	25	..	..	..	..	..	..
Takaka EWS	20	19.6	8.8	14.2	+0.9	23.3	2	3.6	25	224	12	+60	45	18	190
Farewell Spit AWS	3	21.3	13.3	17.3	+2.0	23.5	2	8.5	25	147	14	+43	43	21	..
Westport Aero AWS	5	18.3	10.6	14.5	+0.9	21.9	14	6.8	27	258	21	+94	36	10	..
Westport EWS	6	18.3	10.5	14.4	..	21.9	14	6.2	25	235	14	..	36	10	191
Arapito EWS	3	19.7	10.0	14.9	+1.7	23.1	14	5.2	7	172	17	-3	37	11	176
Hokitika Aero	39	17.9	9.3	13.6	+1.0	23.0	14	4.0	25	328	14	+83	79	11	160
Hokitika AWS	40	17.9	9.4	13.7	+1.2	22.9	14	4.0	25	329	18	+108	75	11	178
Hokitika EWS	39	17.9	9.2	13.6	..	22.9	14	3.9	25	307	14	..	74	11	..
Reefton EWS	198	18.0	7.0	12.5	+0.4	21.2	14	2.1	25	188	15	+45	41	10	146
Greymouth Aero EWS	5	18.3	10.2	14.3	+1.4	22.2	14	5.3	25	315	14	+114	73	18	149
Pigeon Creek CWS	105	17.3	7.8	12.6	+0.5	21.5	15	2.7	25	376	15	..	64	1	..
Mt Philistine EWS	1655	8.0	2.6	5.3	+1.5

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Mahanga EWS	1995	6.4	1.5	4.0	+0.9	10.4	23	-4.3	24	229	17	..	42	10	..
Ivory Glacier CWS	1390	9.7	3.9	6.8	..	14.0	15	-0.2	24	872	16	+131	178	11	..
Okarito EWS	1	17.8	8.9	13.4	..	22.4	17	3.5	25	403	15	..	123	11	..
Franz Josef EWS	80	18.2	7.4	12.8	+0.9	22.8	14	2.6	24	448	14	+119	112	11	164
Lake Moeraki EWS	10	17.8	7.1	12.5	..	22.2	14	2.5	7	188	14	..	34	9	..
Haast AWS	1	17.6	9.0	13.3	+1.0	21.7	17	4.6	25	173	21	-39	31	1	..
Milford Sound AWS	3	17.2	6.9	12.1	+0.7	20.9	16	3.0	27	337	13	-191	79	4	..
Milford Sound EWS	3	17.2	6.9	12.1	..	21.3	16	3.3	27	..	..	..	..	..	..
Castle Mount EWS	2000	6.7	-0.6	3.1	+1.6	12.6	19	-7.2	24	260	23	..	49	4	..
Secretary Island AWS	19	17.4	11.0	14.2	+1.4	..	..	6.1	7	194	19	-125	39	1	..
Stephens Island AWS	188	16.8	12.8	14.8	..	..	..	9.4	24	..	..	..	..	..	..
Motueka, Riwaka EWS	8	19.9	8.2	14.1	+1.1	..	..	..	..	146	11	+35	60	9	..
Nelson Aero	2	19.2	10.2	14.7	+1.0	23.0	2	4.9	25	95	11	+10	21	18	173
Appleby 2 EWS	18	19.9	7.0	13.5	+0.9	23.4	22	1.1	25	100	10	+21	22	10	185
Richmond EWS	1	18.6	8.6	13.6	+0.2	22.4	2	2.4	25	127	10	..	27	18	193
Nelson AWS	6	19.0	10.4	14.7	+0.9	22.6	2	5.9	25	111	13	+38	27	10	..
Blenheim Research EWS	4	19.1	9.5	14.3	+0.8	..	..	..	..	36	8	-18	11	18	159
Blenheim Aero AWS	36	19.1	8.9	14.0	+1.1	24.9	2	1.3	25	72	11	+13	22	18	..
Brothers Island AWS	68	17.3	13.3	15.3	+0.9	..	..	10.2	24	73	16	+17	22	18	..
Grassmere Salt Works	2	19.0	11.6	15.3	+1.2	25.3	2	3.9	25	35	13	-11	9	6	..
Cape Campbell AWS	6	16.9	12.4	14.7	+0.9	21.7	6	7.3	25	45	19	+8	11	18	..
Hanmer Forest EWS	363	17.7	4.7	11.2	+0.6	24.3	1	-1.3	25	41	13	-38	10	12	..
Kaikoura, Middle Cree	5	17.7	8.1	12.9	+1.4	26.4	2	1.5	25	12	13	..	5	6	..
Kaikoura AWS	108	17.1	10.9	14.0	+0.9	..	..	6.5	25	75	13	+8	29	6	..
Arthurs Pass	745	14.0	4.6	9.3	+1.0	18.0	17	-2.7	17	364	..	-6	..	..	..
Arthurs Pass EWS	745	14.0	4.8	9.4	+1.1	18.1	17	0.8	9	360	14	..	57	1	..
Arthurs Pass AWS	743	13.4	5.1	9.3	+1.2	17.7	17	1.0	24	393	20	..	63	1	..
Culverden AWS	181	17.8	6.6	12.2	+0.6	23.7	1	-1.0	25	40	17	-11	8	21	..
Medbury CWS	232	17.4	5.9	11.7	+0.3	24.0	1	-1.9	25	36	9	..	7	13	..
Waipara North Branch	497	16.5	5.2	10.9	..	22.9	20	-2.1	25	64	14	..	12	13	..
Waiiau School CWS	136	19.0	6.5	12.8	+0.7	26.3	1	0.0	25	24	13	-34	7	10	..
Cheviot EWS	75	18.3	7.2	12.8	+1.1	23.0	18	-1.0	25	47	12	-19	14	23	151
Upper Rakaia EWS	1752	7.7	1.5	4.6	+0.6	12.9	20	-3.8	24	265	18	+50	50	11	..
Mt Potts EWS	2128	6.4	0.2	3.3	+0.9	..	..	-7.2	24	..	..	..	..	..	..
Mt Cook EWS	730	14.3	4.9	9.6	+0.2	18.9	17	0.8	24	234	14	-103	60	5	..
Mueller Hut EWS	1818	8.1	2.2	5.2	+1.3	..	..	..	..	354	19	..	93	5	..
Mt Cook Aero AWS	656	14.7	4.7	9.7	+0.8	..	..	..	..	128	18	..	24	11	..
Cass EWS	571	17.1	4.5	10.8	..	21.6	17	-1.8	25	94	13	..	30	18	..
Methven CWS	313	17.4	7.0	12.2	+0.7	24.7	17	1.2	25	67	15	-16	16	2	..
Winchmore 2 EWS	164	17.0	6.7	11.9	..	23.8	1	1.0	25	45	12	-26	14	21	174
Chertsey CWS	108	17.1	8.5	12.8	+1.1	24.0	1	2.8	27	47	11	-24	16	21	..
Mayfield at Ruapuna F	325	17.0	5.8	11.4	..	23.9	1	0.2	25	..	..	..	..	..	..
Peel Forest	286	16.6	6.0	11.3	+0.6	24.0	5	0.1	25	99	19	+2	27	2	..
Lismore, Racemans Hou	168	18.4	7.9	13.2	+2.2	25.1	1	3.0	25	52	13	..	14	21	..
Ashburton Council	101	18.6	7.4	13.0	+1.0	26.1	1	2.5	25	61	..	-5	19	21	..
Ashburton Aero AWS	88	17.6	7.5	12.6	+1.2	24.7	1	1.4	9	50	17	-9	21	21	170
Waipara West EWS	130	19.0	8.3	13.7	+1.0	25.8	1	0.4	25	49	11	-10	18	6	143
Ohoka CWS	17.7	7.7	7.7	12.7	..	24.4	1	-0.2	25	23	15	..	7	7	..
Rangiora EWS	23	18.5	8.3	13.4	+1.5	25.3	18	1.7	25	40	12	-18	8	18	137
Christchurch Aero	37	17.5	8.7	13.1	+1.2	24.0	1	0.6	27	70	20	+13	15	21	153
Christchurch Aero Bac	37	17.5	8.7	13.1	+1.3	23.9	1	0.5	27	68	17	..	15	21	..
Christchurch Gardens	7	18.0	9.9	14.0	+1.3	23.1	18	2.5	27	81	16	+19	16	23	..
Christchurch, Kyle St	6	17.4	10.0	13.7	+1.0	22.1	2	2.1	27	72	13	+12	17	23	..
Christchurch Botanic	17	17.8	10.0	13.9	..	23.1	18	2.7	27	67	13	..	16	23	..
Bromley EWS	3	17.1	11.0	14.1	..	21.6	2	3.1	25	42	10	..	13	21	155
Lincoln, Broadfield E	18	17.4	9.5	13.5	+1.2	23.0	18	2.0	27	43	11	-11	14	21	139
Sugar Loaf AWS	496	14.6	8.6	11.6	+0.2	19.6	18	5.3	26	..	..	..	..	..	..
Diamond Harbour EWS	122	16.9	10.3	13.6	+0.8	21.7	18	4.8	25	47	15	..	18	21	162
Akaroa EWS	45	17.9	10.3	14.1	+0.5	23.5	18	5.7	27	70	14	-23	17	18	133
Le Bons Bay AWS	238	14.9	10.1	12.5	+0.3	19.1	2	6.2	25	65	20	+15	22	21	..
Lake Tekapo, Air Safa	762	15.1	4.0	9.6	+0.6	20.9	1	-0.5	24	53	14	+2	18	11	..
Lake Tekapo EWS	762	16.0	4.0	10.0	+0.6	22.3	1	-1.0	24	50	8	-1	19	11	192
Fairlie AWS	403	16.2	6.8	11.5	+0.8	21.9	5	1.7	25	92	12	..	34	11	..

Summary of the records of Temperature, Rainfall and Sunshine April 2023

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		
Pukaki Aerodrome AWS	461	17.2	2.9	10.1	+0.6	22.5	1	-4.1	25	20	14	-46	6	10	..
Orari Estate	81	17.7	6.5	12.1	+0.9	24.6	5	0.3	25	57	11	-8	15	2	..
Orari Estate EWS	81	17.6	6.6	12.1	+1.0	24.2	5	0.1	25	52	13	..	15	2	..
Timaru Aero AWS	27	17.4	6.5	12.0	+1.1	22.9	23	-1.1	25	34	17	-13	9	11	..
Timaru EWS	17	17.0	8.1	12.6	+1.5	23.2	25	2.1	25	19	9	-30	4	21	..
Otaio @ Springbank ro	14	16.7	8.0	12.4	..	22.9	25	1.4	25	11	10	..	3	12	..
Waimate CWS	39	17.6	8.0	12.8	+1.4	23.6	25	1.9	27	16	8	-35	8	13	..
Oamaru Airport AWS	30	16.3	7.6	12.0	+1.1	22.6	25	2.0	27	21	13	-23	11	10	..
Albert Burn	1280	10.9	3.2	7.1	+1.1	14.4	22	-3.0	7	202	14	-26	48	12	..
Mt Larkins EWS	1900	5.4	0.4	2.9	+1.7	10.3	19	-6.0	24	120	15	..	23	5	..
Eglinton, Knobs Flat	365	15.6	3.7	9.7	+0.6	20.2	16	-1.7	8	127	13	-87	41	5	..
Tara Hills AWS	485	16.4	3.3	9.9	+0.1	20.7	1	-2.8	27	31	9	-4	10	11	..
Wanaka CWS	331	16.9	5.3	11.1	..	20.1	1	-0.3	7	41	11	..	13	10	..
Wanaka Aero AWS	352	17.4	5.7	11.6	+0.8	21.3	1	0.2	27	52	13	+5	18	10	..
Windsor EWS	81	17.6	5.5	11.6	+0.8	23.5	1	-0.1	27	37	10	-7	11	10	..
Ranfurly EWS	450	16.6	2.8	9.7	+0.5	22.7	1	-3.2	25	41	9	+4	18	11	..
Oamaru AWS	40	16.3	7.7	12.0	+0.5	23.2	5	2.6	27	35	18	-34	11	11	..
Palmerston	21	16.8	5.9	11.4	+0.8	21.9	22	-0.5	8	60	9	+3	26	10	142
Middlemarch EWS	213	17.5	2.9	10.2	+0.0	24.8	1	-3.6	7	53	11	-12	24	10	173
Swampy Summit AWS	716	12.2	5.9	9.1	+1.1	20.0	17	0.0	7	..	..	..	..	..	..
Dunedin Aero AWS	2	17.2	5.4	11.3	+0.7	24.5	1	-2.3	8	44	16	-7	12	25	..
Dunedin, Musselburgh	4	16.3	9.5	12.9	+1.1	22.4	5	4.6	8	29	11	-32	11	25	165
Oamaru EWS	20	16.2	7.6	11.9	+0.8	22.6	25	2.6	27	20	9	..	8	10	172
Murchison Mtns EWS	1140	9.9	4.1	7.0	+1.7	14.2	16	-2.4	7	127	14	-171	25	10	..
Te Anau At Park HQ Cw	204	15.7	6.4	11.1	..	19.0	20	-0.1	7	..	..	..	..	..	..
Manapouri, West Arm J	178	14.0	6.0	10.0	+0.4	16.8	20	0.3	7	170	13	-105	44	1	..
Manapouri Aero AWS	209	16.9	4.3	10.6	+1.0	20.2	30	-4.1	7	51	19	-34	22	1	..
Birchwood WXT AWS	149	16.9	6.5	11.7	+1.2	21.6	1	1.3	8	47	13	..	11	1	..
Queenstown EWS	322	17.1	6.9	12.0	..	21.6	1	2.0	7	65	10	..	25	5	..
Queenstown Aero AWS	357	16.2	5.3	10.8	+1.0	20.5	23	-0.8	27	63	13	+6	30	5	195
Five Rivers CWS	260	16.5	4.8	10.7	+0.8	22.7	16	-2.6	7	49	14	..	11	25	..
Lumsden AWS	194	16.2	5.1	10.7	+0.7	21.3	1	-0.7	8	48	17	-25	10	1	..
Waipounamu CWS	152	17.1	4.9	11.0	+0.9	21.0	23	-1.1	8	11	26	..	2	1	..
Cromwell EWS	213	18.7	3.9	11.3	+0.3	23.9	23	-1.4	27	51	9	+17	23	5	189
Lauder EWS	375	17.0	3.4	10.2	+0.4	22.1	1	-2.2	27	49	10	+11	19	2	..
Ophir 2	305	18.0	1.5	9.8	+0.6	23.1	1	..	..	44	9	+8	15	2	..
Alexandra	150	19.0	4.0	11.5	+0.5	25.0	1	-1.9	7	30	8	+8	13	11	159
Clyde 2 EWS	170	18.4	2.9	10.7	+0.1	23.5	1	-2.8	27	32	7	+0	17	11	..
Alexandra AWS	231	17.7	3.9	10.8	+0.4	23.8	1	-1.9	27	41	21	..	22	11	..
Alexandra EWS	132	18.7	4.1	11.4	..	24.5	1	-1.3	27	25	7	..	12	11	208
Roxburgh WXT AWS	160	17.2	6.8	12.0	+0.7	..	..	..	..	45	9	..	15	25	..
Tapanui EWS	180	17.6	5.5	11.6	..	23.2	1	-0.8	8	64	12	..	17	25	..
Gore AWS	123	16.6	7.4	12.0	+1.7	22.6	1	2.2	8	67	20	-4	20	25	..
Gore EWS	60	17.2	6.6	11.9	..	22.9	1	0.7	8	..	..	..	..	..	171
Invercargill Aero	1	17.2	7.9	12.6	+2.1	21.3	30	2.1	8	72	17	-20	16	25	159
Invercargill Aero AWS	3	17.1	7.5	12.3	+1.8	22.0	30	2.1	29	82	21	-8	17	25	..
Invercargill Aero 2 E		17.3	7.3	12.3	+1.9	21.6	30	2.1	8	64	17	-23	15	25	..
Tiwai Point EWS	5	16.6	9.1	12.9	+1.6	20.8	30	5.6	29	53	16	-33	11	25	..
Stewart Is	3	16.2	8.3	12.3	+1.6	..	..	..	..	..	..	..	..	..	..
Stewart Island EWS	3	16.1	9.1	12.6	..	19.7	30	2.7	7	99	19	..	21	25	..
Balclutha, Telford Ew	11	16.7	6.7	11.7	+1.5	21.8	5	-0.4	8	29	13	-31	8	25	131
Balclutha, Finegand E	6	16.7	7.0	11.9	..	..	..	..	..	32	15	..	6	12	..
Nugget Point AWS	131	14.7	8.9	11.8	+0.9	20.7	5	5.1	24	39	13	-16	11	23	..
Tautuku EWS	25	16.3	8.3	12.3	..	22.4	1	4.2	8	87	17	..	29	23	..
South West Cape AWS	103	14.8	10.2	12.5	+1.6	19.0	16	5.1	7	69	26	-37	18	10	..
Kiribati,Cassidy Chri	3	31.3	25.3	28.3	..	..	..	23.7	20	..	..	..	..	..	..
Solomon, Taro Is	3	32.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.6	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.9	24.0	28.5	..	34.2	26	22.1	24	..	..	..	..	..	..
Solomon, Henderson	9	32.6	23.1	27.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	31.3	22.8	27.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	31.2	22.4	26.8	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	23.3	..	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine April 2023

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		
New Cal, Koumac	18	28.9	21.6	25.3	..	31.0	2	18.9	30	..	..	..	..	..
New Cal, Oulop	7	29.8	22.3	26.1	..	31.6	13	17.7	29	..	..	..	..	..
New Cal, Ouanaham	29	29.3	21.0	25.2	..	31.9	10	16.0	8	..	..	..	..	..
New Cal, La Roche	42	29.8	20.8	25.3	..	32.4	7	15.7	30	..	..	..	..	..
New Cal, La Tontouta	14	29.8	20.5	25.2	..	34.3	4	16.6	30	..	..	..	..	..
New Cal, Nouma	72	29.2	21.8	25.5	..	32.3	1	19.7	30	111	17	..	42	4	
New Cal, Moue	97	27.8	21.8	24.8	..	30.2	11	17.8	30	..	..	..	..	..
Kiribati, Tarawa	2	..	25.8	..	..	..	..	23.9	7	139	16	..	22	2
Kiribati, Bonriki Int	4	31.4	26.0	28.7	..	..	..	..	..	..	..	..	..	..
Kiribati, Beru	2	..	26.0	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Arorae	7	31.7	26.0	28.9	..	..	..	..	..	..	..	..	..	..
Tuvalu, Nanumea Is	2	..	26.2	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Nui Is	2	..	26.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	32.5	27.1	29.8	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.7	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	31.5	23.0	27.3	..	33.1	13	21.1	16	..	..	..	..	..
Fiji, Nausori Aero	6	31.6	23.1	27.4	..	33.0	8	20.0	23	..	..	..	..	..
Wallis Island, Hihifo	27	30.7	25.3	28.0	..	32.0	8	23.9	23	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.9	26.2	29.1	..	32.8	15	24.9	18	..	..	..	..	..
Samoa, Faleolo	4	32.2	23.7	28.0	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.6	24.2	27.4	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.5	25.6	28.1	..	..	..	24.1	16	..	..	..	..	..
Tonga, Queen Lavinia	60	30.0	24.4	27.2	..	..	..	..	..	..	..	..	..	..
Tonga, Keppel	2	30.6	23.3	27.0	..	40.4	3	20.7	26	..	..	..	..	..
Tonga, Lupepauu	67	29.5	22.1	25.8	..	..	..	..	..	..	..	..	..	..
Salote Pilelevu Airpo	2	30.2	24.3	27.3	..	..	..	..	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	29.0	22.8	25.9	..	30.8	9	..	..	..	..	..	..	..
CI Rarotonga Aero	7	28.1	21.8	25.0	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	24.1	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.0	24.7	28.4	..	33.7	23	23.1	13	72	16	..	26	2	
Society Is, Mopelia		30.7	25.3	28.0	..	32.1	5	23.4	14	..	..	..	..	..
Tahiti - Faaa	1	31.3	25.1	28.2	..	32.8	1	23.8	15	115	10	..	36	14	
Tuamotu, Takaroa	2	31.5	26.3	28.9	..	32.0	4	24.9	9	..	..	..	..	..
Tuamotu, Hao	3	30.3	26.3	28.3	..	31.4	6	24.3	17	..	..	..	..	..
Gambier, Rikitea	91	28.2	23.5	25.9	..	..	..	..	..	79	12	..	37	22
Rapa	1	24.8	19.6	22.2	..	27.1	21	16.4	30	211	23	..	79	20	
Raoul Island AWS	50	24.2	19.9	22.1	+1.0	26.9	1	14.1	27	222	20	+95	79	9	
Enderby Is AWS	39	12.0	8.4	10.2	..	13.8	16	2.9	6	76	27	..	12	5	
Campbell Island AWS	16	10.8	6.9	8.9	+1.2	14.6	16	1.3	6	68	25	-53	9	24	
Chatham Island Aero A	12	17.2	12.4	14.8	+1.7	21.1	6	7.9	25	75	16	-4	22	22	
Georg Von Neumayer	40	-8.3	-14.5	-11.4	..	-1.7	21	-27.7	19	..	..	..	..	..
Ant South Pole	2827	-50.8	-57.9	-54.4	..	-37.3	1	-70.0	11	..	..	..	..	..
Gen Belgrano 2	256	-6.8	-13.6	-10.2	..	1.5	25	-23.1	16	..	..	..	..	..
Bellingshausen	16	1.7	-1.1	0.3	..	7.8	5	-5.7	19	44	15	..	10	5	
Base Jubany	4	2.4	-1.2	0.6	..	9.0	3	-6.8	19	..	..	..	..	..
V C Marambio	198	-3.2	-9.0	-6.1	..	6.6	14	-17.2	24	..	..	..	..	..
Eduardo Frei	10	0.4	-1.5	-0.6	..	..	..	-6.7	19	..	..	..	..	..
Arturo Prat		0.9	-0.5	0.2	..	4.0	3	-5.7	19	..	..	..	..	..
Bernado Ohiggins	10	-0.5	-2.3	-1.4	..	6.2	3	-8.2	19	..	..	..	..	..
Palmer Station	8	1.1	-1.6	-0.3	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-0.8	-3.4	-2.1	..	4.3	3	-7.5	20	..	..	..	..	..
Argentine Is, Faraday	11	1.7	-2.1	-0.2	..	8.7	5	-5.1	30	..	..	..	..	..
Gen San Martin	4	-0.2	-5.6	-2.9	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-8.4	-12.1	-10.3	..	-0.3	26	-20.2	21	..	..	..	..	..
Maitri		-7.0	-13.0	-10.0	..	..	..	..	..	..	..	..	..	..
Syowa	21	-7.1	-12.6	-9.9	..	-2.3	13	-18.6	7	..	..	..	..	..
Davis	13	..	-14.3	..	..	..	..	..	..	..	..	..	..	..
Progress	64	-8.0	-10.5	-9.3	..	-1.6	3	-17.6	13	..	..	..	..	..
Mirnyj	30	-9.9	-13.2	-11.6	..	-2.8	18	-24.1	30	..	..	..	..	..
Vostok	3420	-60.0	-64.6	-62.3	..	-42.8	4	..	..	..	..	..	..	..
Casey	41	-5.3	-12.7	-9.0	..	..	..	-21.1	24	..	..	..	..	..
Durmont Durville	43	-8.4	-12.7	-10.6	..	-1.0	4	-20.1	22	..	..	..	..	..
Mcmurdo	24	-16.4	-25.3	-20.9	..	-10.7	26	-30.2	13	200	7	..	76	19	

Summary of the records of Temperature, Rainfall and Sunshine April 2023

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		
Arrival Heights EWS	218	-18.2	-26.7	-22.5	..	-12.3	27	-31.8	14	..	..	..	..	..
Scott Base 2 EWS	43	-17.9	-28.7	-23.3	..	-11.4	7	-36.2	14	..	..	..	..	..
Darwin Airport	31	29.5	19.9	24.7	..	34.4	27	14.1	27	..	..	..	..	..
Late returns and corrections for March 2023															
Auckland, Mangere 2 E	16	22.6	13.8	18.2	..	25.0	3	7.0	30	37	7	-53	13	21	258
Auckland Aero	7	22.3	14.1	18.2	-0.7	25.2	17	8.7	30	48	12	-27	19	21	..
Mt Ruapehu, Chateau E	1097	14.8	4.0	9.4	-1.6	19.9	2	-1.4	23	139	15	-22	33	17	..
Paraparamu EWS	5	20.6	12.9	16.8	..	23.7	4	5.1	14	99	9	+36	44	17	188
Wellington Aero	4	20.0	14.0	17.0	+0.4	22.9	2	7.3	29	97	14	+31	26	28	..
Taihape Rec	433	20.7	8.2	14.5	-0.1	26.0	3	2.0	14	104	14	+49	39	10	..
Pelorus Sd, Crail Bay	13	21.5	13.3	17.4	+0.5	25.4	3	7.0	29	190	17	+81	51	16	..
Mayfield at Ruapuna F	325	19.1	7.7	13.4	..	27.4	2	0.9	30	..	..	..	..	..	..
Ashburton Council	101	20.9	9.2	15.1	+0.1	29.1	8	4.4	29	108	..	+51	30	28	..
Christchurch Aero	37	19.9	9.7	14.8	-0.1	30.1	2	4.7	29	126	18	+81	33	28	206
Ettrick No.2	91	20.6	6.9	13.8	+0.1	29.5	8	-1.0	30	77	10	+35	29	20	..
Stewart Is	3	17.9	9.1	13.5	+1.2	24.5	2	3.5	9	176	..	+37	49	20	..
Late returns and corrections for February 2023															
Auckland, Mangere 2 E	16	23.6	16.5	20.1	..	27.1	2	12.8	18	190	15	+134	106	13	188
Mt Ruapehu, Chateau E	1097	17.0	8.0	12.5	-0.3	21.3	4	2.8	18	420	12	+263	154	12	..
Mt Somers, Somer Down	372	22.0	10.3	16.2	..	31.1	21	3.6	25	79	15	-18	29	22	..
Mayfield at Ruapuna F	325	22.0	10.6	16.3	..	30.9	4	4.1	25	..	..	..	..	..	..
Christchurch Gardens	7	24.3	13.8	19.1	+1.8	33.5	4	7.6	24	77	14	+38	21	22	..
Stewart Is	3	19.9	10.9	15.4	+1.9	25.5	3	5.5	10	..	..	..	..	..	..
Late returns and corrections for January 2023															
Auckland, Mangere 2 E	16	23.3	16.9	20.1	..	26.4	8	13.1	18	478	19	+422	265	27	145
Mt Ruapehu, Chateau E	1097	17.4	8.0	12.7	+0.2	21.5	21	2.6	23	161	17	-11	43	28	..
Mayfield at Ruapuna F	325	21.3	11.0	16.2	..	27.7	5	6.0	9	..	..	..	..	..	..
Christchurch Gardens	7	23.4	13.7	18.6	+1.1	30.8	27	8.5	1	25	8	-20	13	6	..
Stewart Is	3	19.8	11.5	15.7	+2.1	24.7	26	7.1	21	55	11	-83	20	26	182
Late returns and corrections for December 2022															
Mt Ruapehu, Chateau E	1097	17.8	6.5	12.2	+1.3	..	..	..	..	..	..	..	..	..	..
Mayfield at Ruapuna F	325	19.9	9.8	14.9	..	31.2	29	5.5	8	..	..	..	..	..	..
Christchurch Gardens	7	21.6	12.4	17.0	+0.8	29.1	29	6.7	31	44	10	-8	23	16	..
Late returns and corrections for November 2022															
Mt Ruapehu, Chateau E	1097	14.1	5.8	10.0	+1.6	18.0	2	0.6	2	425	27	+180	71	22	..
Peel Forest	286	18.9	8.2	13.6	+1.7	24.5	1	3.1	11	192	22	+91	42	19	..
Stewart Is	3	..	..	..	..	..	..	1.0	29	72	..	-62	..	..	..

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1991-2020.

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.