



# Climate Database Statistics Report

May 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 May 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	17.8	14.3	16.1	+0.7	..	..	..	..	421	24	..	129	3	..
Kaitaia Aero EWS	80	19.1	13.0	16.1	+1.0	22.4	1	6.7	16	357	27	+218	91	3	..
Kaitaia Aero AWS	77	19.2	13.1	16.2	..	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	19.6	13.9	16.8	+2.0	23.9	2	7.7	12	349	26	+219	98	3	121
Kerikeri EWS	79	19.4	12.0	15.7	+1.2	21.8	2	5.6	16	346	22	+188	69	3	..
Kerikeri Aerodrome Aw	149	18.5	12.3	15.4	+1.3	21.7	2	6.6	12	379	28	+205	67	9	..
Kaikohe AWS	204	17.7	12.4	15.1	+1.0	21.6	2	7.0	13	590	28	+434	88	9	..
Trounson CWS	244	17.6	11.5	14.6	+1.4	22.1	1	4.8	26	260	27	+85	40	3	..
Dargaville 2 EWS	66	19.2	12.4	15.8	+1.3	24.2	1	4.8	26	182	22	+67	35	9	100
Purerua AWS	87	19.1	13.4	16.3	+1.3	22.1	1	7.6	12	226	26	+98	45	3	..
Russell CWS	15	19.1	11.8	15.5	..	21.9	1	4.8	13	..	..	..	..	..	..
Whangarei Aero AWS	38	19.3	12.9	16.1	+1.3	..	..	..	..	..	..	..	..	..	..
Whangarei EWS	12	19.7	11.8	15.8	+1.6	24.0	1	4.5	26	248	24	..	75	9	122
Mokohinau AWS	70	18.4	15.5	17.0	+1.1	21.5	2	10.9	12	169	24	+80	98	9	..
Leigh 2 EWS	27	20.1	14.1	17.1	..	25.6	2	7.7	12	174	24	+81	58	9	..
Warkworth EWS	72	18.7	11.4	15.1	+1.7	22.2	2	4.0	26	267	24	+129	83	9	..
Whangaparaoa AWS	100	18.4	13.8	16.1	+1.2	21.7	2	8.3	12	226	25	+108	73	9	..
Auckland, Whenuapai A	26	18.9	11.8	15.4	+1.8	22.3	1	3.2	26	313	25	..	112	9	..
Auckland, North Shore	64	19.1	12.7	15.9	+2.1	22.6	2	4.7	26	256	24	+138	83	9	115
Auckland, Motat EWS	16	19.5	12.9	16.2	..	22.6	2	4.4	26	250	25	..	89	9	129
Waiheke Island, Awaro	34	20.0	12.4	16.2	+2.1	..	..	..	..	189	..	+71	114	10	..
Manukau Heads EWS	240	16.9	13.1	15.0	..	20.0	29	7.9	12	284	26	..	47	9	116
Whitianga Aero AWS	5	18.8	11.4	15.1	+1.7	21.4	4	3.5	13	232	29	+61	48	9	..
Whitianga EWS	1	19.4	11.5	15.5	+1.9	21.7	4	3.7	13	216	21	..	48	9	..
Thames EWS	3	19.2	11.3	15.3	..	23.1	2	4.7	13	125	23	..	51	9	..
Matamata, Hinuera EWS	85	17.5	9.2	13.4	+1.8	22.5	2	1.0	13	184	21	+76	47	9	..
Tauranga Aero AWS	2	18.6	12.0	15.3	+1.7	21.1	4	5.6	18	254	21	+138	71	9	135
Te Puke EWS	123	17.7	11.0	14.4	+1.7	..	..	..	..	356	20	+207	80	9	..
Whakatane Aero AWS	8	18.3	10.7	14.5	+2.2	21.3	4	3.4	17	331	28	+213	83	2	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	142
Whakatane EWS	1	18.7	11.7	15.2	..	21.0	9	4.6	12	328	18	..	104	2	..
Mamaku Radar WXT AWS	17	12.8	9.6	11.2	+1.4	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	18.3	9.8	14.1	+1.5	20.8	30	2.5	12	..	..	..	..	..	110
Rotorua EWS	288	16.1	8.9	12.5	..	19.1	8	1.3	17	307	21	..	72	9	123
Rotorua Aero AWS	286	15.9	9.1	12.5	+1.6	18.7	8	0.4	17	446	21	+316	109	9	..
Galatea AWS	175	16.6	8.8	12.7	+2.6	20.4	1	0.1	13	213	24	..	92	9	..
Taupo CWS	360	16.3	8.7	12.5	..	..	..	..	..	..	..	..	..	..	..
Tarapounamu EWS	701	11.5	6.9	9.2	+0.7	15.5	2	1.0	12	266	22	+101	63	9	..
Taupo AWS	402	15.4	8.1	11.8	+2.0	19.9	2	-1.2	17	214	26	+135	64	9	..
Motu EWS	488	15.8	6.5	11.2	+2.0	19.9	8	-1.2	17	190	20	-11	55	9	..
Auckland, Mangere 2 E	16	18.9	12.7	15.8	..	22.2	2	4.8	26	232	23	+121	86	9	124
Auckland Aero	7	18.7	12.7	15.7	+1.5	22.1	2	6.0	26	271	29	+151	94	9	..
Ardmore Aero AWS	41	19.2	11.5	15.4	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	18.1	11.3	14.7	+1.2	21.9	2	4.4	26	184	24	+60	73	9	..
Firth Of Thames EWS	3	19.2	9.9	14.6	+2.0	23.7	2	1.3	13	129	21	+30	52	9	131
Whatawhata 2 EWS	118	18.1	10.5	14.3	+1.7	23.2	2	3.9	17	251	22	+92	45	9	..
Hamilton, Ruakura 2 E	45	18.4	9.9	14.2	+2.2	24.3	2	1.8	13	188	22	+85	83	9	117
Hamilton AWS	53	18.1	9.5	13.8	+1.9	23.5	2	0.7	13	214	28	+98	79	9	..
Lake Karapiro CWS	55	18.2	11.5	14.9	+2.1	23.6	2	4.4	17	149	22	+49	57	9	..
Port Taharoa AWS	18	18.3	13.5	15.9	+1.6	22.5	2	6.9	12	203	21	+71	43	9	..
Awakino EWS	400	14.7	9.8	12.3	..	19.9	2	4.3	12	251	23	+48	31	3	..
Waikeria EWS	37	18.1	9.2	13.7	..	23.4	2	0.2	17	170	21	+64	46	9	119
Te Kuiti EWS	61	18.1	9.2	13.7	+2.1	24.0	2	1.1	26	265	22	+124	46	3	102
Pureora Forest CWS	549	14.0	7.2	10.6	+1.8	19.5	2	-1.2	26	277	21	+135	41	29	..
Taumarunui EWS	170	17.0	8.3	12.7	+2.2	23.1	2	1.3	12	214	26	+72	38	20	..
Taumarunui AWS	186	17.2	8.0	12.6	+2.2	22.7	2	-0.4	17	170	23	..	26	20	97
Turangi 2 EWS	360	15.6	7.1	11.4	+1.8	21.3	2	-2.0	17	254	21	+125	44	19	101
New Plymouth AWS	28	17.8	11.2	14.5	+1.8	..	..	3.0	12	218	25	+69	68	3	..
Lower Retaruke CWS	233	16.7	8.5	12.6	+2.2	21.9	2	1.2	12	183	21	+49	35	3	..
Mt Ruapehu, Chateau E	1097	10.3	3.8	7.1	+1.0	15.4	8	..	..	297	22	+43	57	20	..
Pahiatua EWS	110	17.0	7.1	12.1	+1.7	22.9	6	-0.6	12	100	18	..	24	21	..
Masterton Aero AWS	105	17.2	7.8	12.5	+1.9	22.7	2	-0.4	12	70	17	..	23	15	..
Masterton EWS	90	17.9	7.7	12.8	+2.6	24.2	5	-0.4	12	56	12	..	20	15	120

Summary of the records of Temperature, Rainfall and Sunshine May 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		
Masterton, Te Ore Ore	110	17.7	8.5	13.1	+2.0	22.9	5	0.3	12	51	15	-22	15	15	..
Takapau Plains AWS	346	15.6	7.0	11.3	+1.4	21.1	3	0.6	26	61	24	-14	28	20	..
Dannevirke EWS	207	16.7	7.9	12.3	+2.0	22.4	6	-0.1	17	69	18	-9	32	20	118
Cape Turnagain AWS	285	14.3	11.3	12.8	+1.5	17.9	3	5.6	12	62	14	..	17	20	..
Akitio EWS	245	15.7	10.2	13.0	+1.8	20.8	3	3.7	12	73	20	..	16	15	146
Castlepoint AWS	120	15.9	11.7	13.8	+1.2	20.1	3	6.6	12	69	18	-19	23	20	..
Baring Head	79	..	11.8	..	..	..	..	4.9	12	73	15	..	25	4	..
Te Wharau, Brackenfe	292	16.0	8.0	12.0	+1.6	22.5	7	0.5	17	68	13	-86	19	11	..
Martinborough EWS	20	17.7	8.9	13.3	+2.4	23.8	8	0.8	25	80	18	+17	26	15	85
Ngawi AWS	8	18.3	13.3	15.8	+2.4	23.6	8	7.5	25	72	14	+2	28	4	..
Hicks Bay AWS	46	18.3	12.8	15.6	+1.4	..	..	..	..	..	..	..	..	..	..
Gisborne AWS	5	19.1	9.8	14.5	+1.7	23.4	5	3.6	18	70	12	-21	16	9	161
Gisborne EWS	12	19.1	8.7	13.9	+0.7	23.5	2	3.1	26	62	12	-22	15	23	..
Tolaga Bay WXT AWS	15	18.0	11.6	14.8	+2.0	22.7	10	3.1	18	195	21	..	61	9	..
Tutira CWS	235	17.2	9.2	13.2	+1.7	23.2	2	3.0	12	54	15	-27	18	9	..
Napier Aero AWS	3	18.6	8.9	13.8	+1.5	21.2	5	0.6	26	43	12	-19	24	9	..
Napier EWS	7	19.3	10.5	14.9	..	22.4	10	2.6	26	31	8	-38	13	9	173
Maraekakaho CWS	150	18.5	7.6	13.1	..	22.2	3	1.1	26	31	11	..	15	9	..
Hastings AWS	16	18.9	8.1	13.5	+1.6	..	..	..	..	28	18	..	9	20	..
Whakatu EWS	5	19.6	7.0	13.3	+2.0	22.8	10	-1.6	26	23	8	-34	11	9	..
Waipawa EWS	130	17.9	7.2	12.6	+1.9	22.6	2	-0.6	26	28	14	-32	15	20	139
Wairoa, North Clyde E	15	20.0	9.7	14.9	+2.4	24.9	2	3.5	27	75	13	-24	32	9	..
Wairoa Aero AWS	13	19.1	9.2	14.2	+2.4	23.9	2	3.3	26	80	19	..	33	9	..
Mahia Radar WXT AWS	419	14.3	10.5	12.4	+0.9	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	16.6	12.5	14.6	+1.4	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	113	16.8	13.5	15.2	+1.8	19.7	10	8.3	12	..	..	..	..	..	..
Paraparaumu Aero	5	17.9	10.5	14.2	+2.2	..	..	..	..	130	18	+33	44	3	119
Paraparaumu Aero AWS	8	17.7	10.5	14.1	+2.2	22.2	2	1.3	12	139	20	+45	50	3	..
Paraparaumu EWS	5	18.0	10.7	14.4	..	22.4	3	1.6	12	121	16	+24	45	3	118
Ohakea AWS	47	17.8	9.2	13.5	+1.5	23.8	2	2.2	12	148	18	..	44	20	..
Palmerston North AWS	39	17.8	8.1	13.0	+1.5	23.3	8	0.4	12	88	17	+4	31	20	..
Palmerston North EWS	21	18.1	8.7	13.4	+1.7	24.0	8	0.7	12	101	19	+14	23	20	125
Levin AWS	15	18.4	9.7	14.1	+2.3	24.0	2	1.1	12	152	23	+61	26	20	..
Levin EWS	23	18.3	9.6	14.0	..	23.8	2	1.1	12	128	19	..	24	20	120
Mana Island AWS	110	16.0	12.1	14.1	+2.1	20.3	1	5.8	12	139	20	..	35	3	..
Porirua, Elsdon Park	7	17.5	10.3	13.9	..	22.1	1	1.5	12	141	21	..	41	3	..
Wellington, Kelburn A	125	16.3	11.5	13.9	+1.9	..	..	4.5	12	..	..	..	..	..	..
Wellington Aero	4	17.1	12.1	14.6	+1.9	21.9	8	5.9	12	138	19	+50	35	27	..
Wellington, Greta Poi	3	17.9	12.4	15.2	+2.0	23.2	8	6.8	12	128	16	..	27	4	..
Wellington Aero Backu	4	17.1	12.1	14.6	+1.8	21.9	8	5.8	12	148	21	+51	35	27	..
Upper Hutt, Trentham	50	17.3	8.3	12.8	+2.0	22.9	8	-0.5	12	163	17	+29	37	3	107
Stratford EWS	280	15.8	9.0	12.4	+1.6	20.2	1	0.9	16	343	21	+144	79	3	86
Hawera AWS	100	17.2	10.6	13.9	+2.3	21.4	2	2.8	12	187	23	+83	36	20	..
Ohakune EWS	607	15.5	7.0	11.3	+2.7	20.8	8	-1.2	17	95	17	-19	26	20	..
Waiouru Airstrip AWS	820	12.8	5.5	9.2	+2.2	19.9	2	-3.6	17	110	22	..	31	20	..
Waiouru EWS	803	13.1	6.2	9.7	..	20.2	2	-2.0	12	113	22	+13	36	20	..
Taihape Rec	433	16.5	5.4	11.0	+1.9	23.0	8	-2.0	17	92	17	+16	49	20	..
Flat Hills WXT AWS	262	16.9	8.8	12.9	+2.1	22.4	2	1.6	12	121	23	+40	56	20	..
Whanganui, Spriggens	15	18.3	9.9	14.1	+1.3	24.3	1	3.9	12	146	17	+65	62	20	..
Whanganui AWS	14	18.5	10.5	14.5	+1.8	24.7	1	4.8	12	142	26	+62	52	20	..
Wanganui 2 AWS	18	20.1	9.7	14.9	+2.0	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	17.2	8.3	12.8	+1.9	21.3	1	2.0	17	361	20	+183	102	5	123
Farewell Spit AWS	3	19.1	11.9	15.5	+2.2	22.4	2	6.7	12	243	22	+113	45	5	..
Westport Aero AWS	5	16.8	10.3	13.6	+1.9	..	..	..	..	..	..	..	..	..	..
Westport EWS	6	16.7	9.7	13.2	..	..	..	..	..	260	25	..	35	3	115
Arapito EWS	3	17.9	9.8	13.9	+2.7	24.5	1	3.5	12	263	21	+66	46	6	116
Hokitika Aero	39	15.9	9.1	12.5	+1.9	23.0	1	2.6	12	609	25	+356	95	7	72
Hokitika AWS	40	16.0	9.3	12.7	+2.2	..	..	..	..	..	..	..	..	..	..
Hokitika EWS	39	15.8	8.9	12.4	..	22.6	1	2.5	12	566	24	..	86	7	..
Reefton EWS	198	15.4	7.4	11.4	+2.3	21.6	1	0.9	12	262	22	+91	35	9	79
Greymouth Aero EWS	5	16.6	9.8	13.2	+2.2	23.5	1	4.5	16	336	24	+126	42	9	89
Pigeon Creek CWS	105	14.7	7.8	11.3	+1.7	22.2	1	0.8	16	514	26	..	70	26	..
Mt Philistine EWS	1655	5.8	1.3	3.6	+1.6	14.0	1	-4.4	11	1085	29	..	342	26	..

Summary of the records of Temperature, Rainfall and Sunshine May 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	mm	mm	mm	mm	Hrs			
Mahanga EWS	1995	3.8	-0.4	1.7	+0.9	8.8	1	-8.3	12	556	28	..	89	9	..
Ivory Glacier CWS	1390	7.6	2.9	5.3	..	..	..	..	..	..	..	..	..	..	..
Okarito EWS	1	15.8	8.6	12.2	..	21.4	1	1.5	12	442	24	..	69	8	..
Franz Josef EWS	80	15.6	7.5	11.6	+1.8	23.2	1	1.2	15	691	25	+317	96	8	77
Lake Moeraki EWS	10	15.1	7.6	11.4	..	20.5	1	1.2	12	673	25	..	83	8	..
Haast AWS	1	15.3	9.0	12.2	+1.7	21.5	1	3.0	24	541	29	+273	75	8	..
Milford Sound AWS	3	14.1	7.4	10.8	+2.1	19.5	3	3.2	15	1141	27	+496	241	2	..
Milford Sound EWS	3	13.7	7.4	10.6	..	18.2	3	3.5	15	..	..	..	..	..	..
Castle Mount EWS	2000	4.1	-2.3	0.9	+1.1	12.0	1	-9.2	11	1011	25	..	232	26	..
Secretary Island AWS	19	14.8	10.1	12.5	+1.3	18.1	4	4.5	11	613	27	+232	81	8	..
Stephens Island AWS	188	15.3	11.7	13.5	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	17.5	7.5	12.5	+2.1	..	..	..	..	367	17	+246	137	5	..
Nelson Aero	2	17.1	9.2	13.2	+2.0	21.5	1	1.9	12	240	17	+152	88	5	115
Appleby 2 EWS	18	17.4	7.7	12.6	+2.5	22.0	1	0.0	16	210	15	+123	64	5	127
Richmond EWS	1	16.3	7.6	12.0	+1.3	20.6	1	0.5	17	221	16	..	84	5	131
Nelson AWS	6	17.0	9.4	13.2	+2.0	21.3	1	2.8	12	221	23	+135	67	5	..
Blenheim Research EWS	4	17.4	7.7	12.6	+1.4	..	..	..	..	82	13	+25	20	5	139
Blenheim Aero AWS	36	17.4	7.4	12.4	+2.0	..	..	0.0	12	..	..	..	..	..	..
Brothers Island AWS	68	16.0	12.9	14.5	+1.6	..	..	..	..	..	..	..	..	..	..
Grassmere Salt Works	2	17.7	10.9	14.3	+2.4	22.8	2	4.0	12	38	14	-9	10	9	..
Cape Campbell AWS	6	15.5	11.5	13.5	+1.3	18.7	3	6.3	12	60	18	+13	15	19	..
Boyle River Lodge	600	13.7	5.2	9.5	+2.3	20.5	6	..	..	163	27	-27	28	9	..
Hanmer Forest EWS	363	15.8	3.6	9.7	+1.8	25.7	2	-2.2	12	49	16	-33	16	9	..
Kaikoura, Middle Cree	5	16.2	7.1	11.7	+2.1	21.5	8	0.0	17	..	..	..	..	..	..
Kaikoura AWS	108	16.8	10.6	13.7	+2.3	23.8	8	4.8	11	30	15	-21	8	19	..
Arthurs Pass	745	11.2	5.0	8.1	+2.3	..	..	-1.6	12	753	24	+358	215	26	..
Arthurs Pass EWS	745	11.0	4.6	7.8	+2.0	17.1	4	-1.8	12	..	..	..	..	..	..
Arthurs Pass AWS	743	10.8	4.8	7.8	+2.0	16.6	4	-1.7	12	758	28	..	197	26	..
Culverden AWS	181	16.6	5.3	11.0	+1.9	25.5	2	-1.7	17	36	21	-13	10	9	..
Medbury CWS	232	16.2	4.2	10.2	+1.2	23.8	2	-3.7	16	20	11	..	4	18	..
Waipara North Branch	497	15.3	4.6	10.0	..	22.2	2	-4.7	16	31	15	..	7	29	..
Waiiau School CWS	136	17.6	4.8	11.2	+1.8	27.0	3	-1.6	16	43	15	-19	11	10	..
Cheviot EWS	75	17.3	5.4	11.4	+1.8	26.0	2	-1.8	16	31	11	-24	14	10	125
Upper Rakaia EWS	1752	5.6	0.2	2.9	+0.9	13.2	1	-6.2	11	455	29	+236	92	26	..
Mt Potts EWS	2128	4.7	-3.9	0.4	+0.2	..	..	..	..	..	..	..	..	..	..
Mt Cook EWS	730	12.4	4.0	8.2	+2.0	18.3	6	-0.4	16	628	22	+250	132	26	..
Mueller Hut EWS	1818	5.6	0.6	3.1	+1.2	14.5	1	-6.9	12	913	24	..	199	2	..
Mt Cook Aero AWS	656	13.4	3.6	8.5	+2.4	19.0	2	-3.1	16	364	24	..	80	26	..
Cass EWS	571	14.2	4.1	9.2	..	20.2	4	-3.5	16	136	19	..	29	26	..
Methven CWS	313	16.0	7.1	11.6	+2.2	24.3	2	0.2	16	52	14	-19	8	14	..
Winchmore 2 EWS	164	15.4	5.6	10.5	..	22.2	2	-1.5	16	56	9	-6	31	10	126
Chertsey CWS	108	15.6	6.9	11.3	+1.8	21.9	2	-0.1	16	54	11	-16	31	10	..
Mayfield at Ruapuna F	325	15.5	5.5	10.5	..	24.0	2	-0.8	16	1	3	..	1	16	..
Peel Forest	286	15.7	5.4	10.6	+2.4	23.7	2	-0.2	16	67	14	-9	13	20	..
Lismore, Racemans Hou	168	16.8	7.5	12.2	+3.3	23.8	2	1.0	16	45	12	..	10	9	..
Ashburton Council	101	16.1	6.8	11.5	+2.1	22.8	2	-0.3	16	42	13	-19	16	10	..
Ashburton Aero AWS	88	15.6	6.3	11.0	+2.1	22.0	2	-1.3	16	52	14	-30	19	10	120
Waipara West EWS	130	18.3	7.6	13.0	+2.5	25.9	3	1.1	16	18	11	-28	7	10	..
Ohoka CWS		16.5	6.0	11.3	..	24.3	8	-1.2	16	23	12	..	12	10	..
Rangiora EWS	23	17.0	6.7	11.9	+2.5	25.1	8	-0.5	16	30	14	-24	11	10	110
Christchurch Aero	37	16.2	6.1	11.2	+1.9	23.6	3	-1.8	16	55	21	-3	17	10	114
Christchurch Aero Bac	37	16.2	6.1	11.2	+2.0	23.7	8	-1.7	16	49	21	..	15	10	..
Christchurch Gardens	7	16.5	7.6	12.1	+2.0	23.0	3	0.5	16	53	14	-10	17	20	..
Christchurch, Kyle St	6	15.9	7.7	11.8	+1.7	22.6	3	-0.2	16	68	12	+8	25	10	..
Christchurch Botanic	17	16.5	7.7	12.1	..	23.1	3	0.4	16	67	13	..	25	10	..
Bromley EWS	3	16.0	8.5	12.3	..	22.8	3	1.3	16	55	10	..	19	22	110
Lincoln, Broadfield E	18	16.2	7.8	12.0	+2.2	22.7	8	-0.7	16	58	13	+1	19	10	107
Sugar Loaf AWS	496	14.0	8.7	11.4	+2.2	21.0	4	1.8	11	..	..	..	..	..	..
Diamond Harbour EWS	122	15.8	9.3	12.6	+1.9	22.2	3	3.5	16	97	12	..	37	10	113
Akaroa EWS	45	16.9	9.6	13.3	+1.8	24.6	8	4.6	16	92	14	-3	41	20	89
Le Bons Bay AWS	238	14.6	9.9	12.3	+1.9	20.6	2	3.9	12	56	15	-14	16	10	..
Lake Tekapo, Air Safa	762	13.0	3.6	8.3	+2.2	20.5	2	..	..	85	22	+25	15	26	..
Lake Tekapo EWS	762	13.7	3.3	8.5	+2.1	20.9	2	-2.1	16	78	17	+6	15	26	139

Summary of the records of Temperature, Rainfall and Sunshine May 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		
Fairlie AWS	403	14.9	6.0	10.5	+2.0	21.1	2	1.4	16	69	12	..	11	26	..
Pukaki Aerodrome AWS	461	13.4	1.8	7.6	+1.5	21.3	6	-4.2	16	26	9	-31	7	5	..
Orari Estate	81	15.5	5.4	10.5	+2.0	21.2	2	-0.4	16	41	12	-9	10	20	..
Orari Estate EWS	81	15.6	5.2	10.4	+1.8	20.9	2	-0.8	16	38	12	..	10	20	..
Timaru Aero AWS	27	15.1	5.0	10.1	+1.8	22.2	3	-1.0	16	37	15	-4	9	9	..
Timaru EWS	17	14.6	6.7	10.7	+2.0	22.3	3	1.7	17	36	13	-4	9	9	..
Otaio @ Springbank ro	14	15.3	6.8	11.1	..	23.7	3	1.0	16	29	15	..	8	9	..
Waimate CWS	39	16.0	6.4	11.2	+2.3	24.7	3	1.0	16	26	11	-16	7	9	..
Oamaru Airport AWS	30	14.5	5.8	10.2	+1.7	22.9	3	0.9	16	40	15	-5	16	10	..
Albert Burn	1280	8.1	2.2	5.2	+1.7	14.8	1	-3.8	11	537	25	+235	104	26	..
Mt Larkins EWS	1900	2.8	-1.3	0.8	+1.3	11.3	1	-9.4	11	204	19	..	42	8	..
Eglington, Knobs Flat	365	11.5	3.8	7.7	+1.0	16.3	7	-1.1	15	412	26	+148	62	26	..
Tara Hills AWS	485	13.5	1.8	7.7	+1.2	20.0	6	-3.9	16	127	18	+82	28	8	..
Wanaka CWS	331	13.8	4.4	9.1	..	20.7	3	-0.7	16	115	17	..	31	8	..
Wanaka Aero AWS	352	13.9	4.8	9.4	+1.9	..	..	..	..	..	..	..	..	..	..
Windsor EWS	81	16.1	4.3	10.2	+2.0	23.8	3	-1.4	16	20	10	-26	6	9	..
Ranfurly EWS	450	13.5	2.2	7.9	+1.8	22.7	2	-4.2	16	34	12	+0	14	17	..
Oamaru AWS	40	15.1	6.7	10.9	+1.6	24.1	3	1.2	16	24	15	-49	8	19	..
Palmerston	21	15.6	5.0	10.3	+2.1	24.5	3	-0.4	16	65	9	+9	27	17	100
Middlemarch EWS	213	15.4	2.3	8.9	+1.9	23.8	2	-5.2	16	63	10	-7	28	17	129
Swampy Summit AWS	716	11.6	5.3	8.5	+2.5	19.0	2	-1.0	11	..	..	..	..	..	..
Dunedin Aero AWS	2	15.9	3.8	9.9	+1.9	24.0	3	-3.0	22	36	13	-23	16	18	..
Dunedin, Musselburgh	4	15.5	7.8	11.7	+2.1	22.6	3	3.6	22	90	13	+26	34	17	114
Oamaru EWS	20	15.2	6.3	10.8	+2.4	23.3	6	0.3	16	20	10	..	6	10	132
Murchison Mtns EWS	1140	7.6	2.6	5.1	+1.4	14.3	1	-4.0	11	602	29	+249	72	16	..
Te Anau At Park HQ Cw	204	12.4	5.7	9.1	..	20.4	3	0.7	11	..	..	..	..	..	..
Manapouri, West Arm J	178	11.2	5.7	8.5	+1.6	14.6	4	0.6	15	713	27	+300	85	16	..
Manapouri Aero AWS	209	13.0	3.5	8.3	+1.1	21.3	3	-2.6	22	279	25	+175	45	10	..
Birchwood WXT AWS	149	14.3	5.0	9.7	+1.3	21.5	3	0.5	22	170	19	..	34	10	..
Queenstown EWS	322	13.8	5.1	9.5	..	22.4	3	1.4	11	125	19	..	41	8	..
Queenstown Aero AWS	357	13.6	3.8	8.7	+1.6	23.0	3	0.2	16	173	22	+98	49	8	115
Five Rivers CWS	260	13.7	3.7	8.7	+1.1	20.3	3	-0.2	22	156	22	..	35	17	..
Lumsden AWS	194	13.5	3.4	8.5	+1.0	20.0	6	-1.9	22	144	24	+61	35	17	..
Waipounamu CWS	152	13.9	3.4	8.7	+1.5	21.8	3	-1.9	22	..	..	..	..	..	..
Cromwell EWS	213	15.5	2.9	9.2	+1.5	24.0	3	-1.9	16	59	12	+21	20	17	126
Lauder EWS	375	14.2	2.8	8.5	+1.7	22.6	3	-3.0	16	52	14	+18	20	17	..
Ophir 2	305	14.4	1.0	7.7	+1.5	23.8	3	-4.9	16	68	13	+30	29	17	..
Alexandra	150	14.6	2.7	8.7	+1.2	23.6	3	-2.0	16	60	15	+26	19	17	93
Clyde 2 EWS	170	14.2	1.8	8.0	+1.0	25.0	3	-2.3	23	56	14	+21	18	17	..
Alexandra AWS	231	14.0	2.7	8.4	+1.7	23.0	3	-1.8	16	72	21	..	23	17	..
Alexandra EWS	132	14.2	2.7	8.5	..	23.4	3	-1.8	16	57	14	..	19	17	120
Roxburgh WXT AWS	160	14.6	5.8	10.2	+1.5	23.0	3	..	..	73	15	..	23	17	..
Tapanui EWS	180	14.4	4.3	9.4	..	23.7	3	-1.5	22	82	18	..	17	17	..
Gore AWS	123	14.2	5.6	9.9	+2.0	22.2	3	0.2	22	117	24	+41	27	17	..
Gore EWS	60	14.6	5.0	9.8	..	23.1	3	..	..	95	20	..	24	17	..
Invercargill Aero	1	14.3	5.7	10.0	+1.6	23.6	3	0.9	22	126	22	+16	22	16	95
Invercargill Aero AWS	3	14.2	5.5	9.9	+1.6	22.8	3	1.2	22	142	26	+34	24	16	..
Invercargill Aero 2 E	14.5	5.2	9.9	+1.7	23.8	3	0.6	1	112	20	+6	19	16	..	..
Tiwai Point EWS	5	13.9	7.2	10.6	+1.4	21.9	3	3.5	22	124	20	+26	22	10	..
Stewart Is	3	14.9	7.0	11.0	+2.0	..	..	..	..	154	..	-1	37	26	..
Stewart Island EWS	3	14.2	7.7	11.0	..	20.9	3	1.6	21	164	24	..	36	26	..
Balclutha, Telford Ew	11	14.4	4.6	9.5	+1.7	24.0	3	-2.1	22	66	14	-9	19	17	96
Balclutha, Finegand E	6	14.5	4.8	9.7	..	23.8	3	-1.2	22	73	15	..	21	17	..
Nugget Point AWS	131	13.6	8.0	10.8	+1.9	21.5	3	3.6	22	78	16	-1	19	11	..
Tautuku EWS	25	14.9	7.1	11.0	..	24.0	3	2.6	22	93	20	..	20	17	..
South West Cape AWS	103	13.2	9.1	11.2	+1.6	17.8	2	4.5	11	173	28	+50	22	8	..
Kiribati,Cassidy Chri	3	30.9	25.5	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.9	24.6	28.8	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.4	23.6	28.0	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	23.5	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	29.9	22.3	26.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	29.2	21.0	25.1	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine May 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		mm		mm	mm		Hrs	
Vanuatu,Burtonfield	70	28.9	21.1	25.0	..	..	..	..	..	..	..	..	..	..	
New Cal, Oulop	7	27.7	21.8	24.8	..	30.2	8	14.4	20	..	..	..	..	..	
New Cal, Ouanaham	29	27.2	19.6	23.4	..	..	..	13.7	27	..	..	..	..	..	
New Cal, La Roche	42	27.4	17.7	22.6	..	31.8	8	8.9	27	..	..	..	..	..	
New Cal, La Tontouta	14	27.3	17.4	22.4	..	31.5	3	12.9	26	..	..	..	..	..	
New Cal, Nouma	72	27.5	20.0	23.8	..	33.6	2	17.3	26	..	..	..	..	..	
New Cal, Moue	97	25.4	19.2	22.3	..	28.6	3	13.6	21	..	..	..	..	..	
Kiribati,Butaritari	2	31.4	26.2	28.8	..	33.2	29	24.8	24	..	..	..	..	..	
Kiribati,Tarawa	2	..	26.3	..	..	..	..	..	..	..	..	..	..	..	
Kiribati, Bonriki Int	4	31.6	26.1	28.9	..	..	..	24.0	16	..	..	..	..	..	
Kiribati,Beru	2	..	26.2	..	..	..	..	..	..	..	..	..	..	..	
Kiribati,Arorae	7	32.2	26.4	29.3	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nanumea Is	2	..	26.8	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nui Is	2	..	26.0	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Funafuti Aero	1	32.6	28.5	30.6	..	..	..	..	..	..	..	..	..	..	
Fiji,Nadi Aero	15	30.4	22.0	26.2	..	32.6	3	19.0	29	..	..	..	..	..	
Fiji,Nausori Aero	6	29.3	22.2	25.8	..	..	..	17.0	27	..	..	..	..	..	
Wallis Island, Hihifo	27	30.6	25.2	27.9	..	31.6	4	22.4	6	..	..	..	..	..	
Maopoopo, Futuna Isla	36	31.7	26.3	29.0	..	..	..	..	..	..	..	..	..	..	
Samoa,Faleolo	4	32.2	23.4	27.8	..	..	..	..	..	..	..	..	..	..	
Samoa, Apia	1	30.3	23.7	27.0	..	..	..	..	..	..	..	..	..	..	
Samoa, Pago Pago Aero	3	30.2	25.5	27.9	..	32.0	14	21.8	5	..	..	..	..	..	
Tonga, Queen Lavinia	60	29.6	23.3	26.5	..	30.4	10	..	..	..	..	..	..	..	
Tonga,Keppel	2	30.0	22.6	26.3	..	..	..	..	..	..	..	..	..	..	
Tonga, Lupepauu	67	27.8	21.8	24.8	..	..	..	..	..	..	..	..	..	..	
Salote Pilolevu Airpo	2	28.7	22.8	25.8	..	..	..	19.6	24	..	..	..	..	..	
Tonga,Fuaamotu Aero	38	27.4	20.2	23.8	..	29.6	11	..	..	..	..	..	..	..	
CI Rarotonga Aero	7	26.5	21.3	23.9	..	..	..	..	..	..	..	..	..	..	
Vanuatu, Saratamata	18	..	23.1	..	..	..	..	..	..	..	..	..	..	..	
Hiva Hoa, Atuona	51	31.3	24.8	28.1	..	33.6	15	22.8	27	72	18	..	12	5	
Society Is, Mopelia		30.0	24.7	27.4	..	30.9	2	22.6	24	..	..	..	..	..	
Tahiti - Faa	1	30.6	24.3	27.5	..	32.2	2	23.0	7	38	12	..	9	28	
Tuamotu, Takaroa	2	31.1	25.7	28.4	..	..	..	23.3	11	..	..	..	..	..	
Tuamotu, Hao	3	29.2	25.5	27.4	..	31.1	1	22.7	10	..	..	..	..	..	
Gambier, Rikitea	91	25.5	21.8	23.7	..	29.2	2	20.1	8	345	19	..	101	31	
Rapa	1	22.0	18.4	20.2	..	25.5	14	14.8	24	303	17	..	132	28	
Raoul Island AWS	50	22.5	18.6	20.6	+1.3	24.1	3	13.3	16	210	21	+75	88	19	
Enderby Is AWS	39	10.8	6.7	8.8	..	13.6	3	2.7	11	114	30	..	16	29	
Campbell Island AWS	16	9.7	5.0	7.4	+0.9	14.8	3	-1.2	20	143	30	+9	24	29	
Chatham Island Aero A	12	16.5	10.8	13.7	+2.6	19.2	5	3.3	15	117	22	+29	78	30	
Georg Von Neumayer	40	-15.3	-26.0	-20.7	..	-5.9	27	-39.2	24	..	..	..	..	..	
Ant South Pole	2827	-54.4	-61.0	-57.7	..	-42.0	20	-70.1	8	..	..	..	..	..	
Gen Belgrano 2	256	-11.7	-20.3	-16.0	..	-4.8	29	-34.1	10	..	..	..	..	..	
Bellingshausen	16	0.9	-1.6	-0.4	..	3.5	6	-8.3	7	..	..	..	..	..	
Base Jubany	4	2.5	-2.3	0.1	..	6.8	31	-8.6	7	..	..	..	..	..	
V C Marambio	198	-4.2	-11.7	-8.0	..	4.2	23	-20.0	7	..	..	..	..	..	
Eduardo Frei	10	-0.2	-2.2	-1.2	..	..	..	..	..	..	..	..	..	..	
Arturo Prat		0.3	-1.2	-0.5	..	..	..	..	..	..	..	..	..	..	
Bernado Ohiggins	10	-1.6	-4.2	-2.9	..	..	..	..	..	..	..	..	..	..	
Palmer Station	8	1.1	-2.4	-0.7	..	..	..	..	..	..	..	..	..	..	
Rothera Point	16	-1.4	-4.6	-3.0	..	4.4	23	-8.8	30	..	..	..	..	..	
Argentine Is, Faraday	11	0.9	-2.9	-1.0	..	6.1	14	-8.2	6	..	..	..	..	..	
Gen San Martin	4	0.1	-5.8	-2.9	..	..	..	..	..	..	..	..	..	..	
Novolax Arevskaja	99	-9.7	-12.6	-11.2	..	-2.3	27	-19.7	4	..	..	..	..	..	
Maitri		-8.8	-13.3	-11.1	..	..	..	..	..	..	..	..	..	..	
Syowa	21	-7.8	-13.2	-10.5	..	-4.1	3	-20.5	19	..	..	..	..	..	
Mawson	16	-14.9	-21.4	-18.2	..	..	..	-27.6	13	..	..	..	..	..	
Davis	13	-16.1	-23.1	-19.6	..	..	..	-29.5	26	..	..	..	..	..	
Progress	64	-16.4	-18.7	-17.6	..	-7.7	15	..	..	..	..	..	..	..	
Mirnyj	30	-17.1	-20.1	-18.6	..	..	..	-29.3	24	..	..	..	..	..	
Vostok	3420	-65.6	-70.5	-68.1	..	..	..	-78.6	13	..	..	..	..	..	
Casey	41	-12.5	-21.8	-17.2	..	-2.8	13	-26.7	12	..	..	..	..	..	
Durmont Durville	43	-13.2	-18.3	-15.8	..	-8.7	8	-24.3	22	..	..	..	..	..	

Summary of the records of Temperature, Rainfall and Sunshine May 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		
McMurdo	24	-19.7	-27.6	-23.7	..	-12.9	13	-37.0	24	..	..	..	..	..	
Arrival Heights EWS	187	-21.0	-28.7	-24.9	..	-14.4	13	-38.6	24	..	..	..	..	..	
Scott Base 2 EWS	42	-20.2	-31.5	-25.9	..	-13.3	14	-42.5	31	..	..	..	..	..	
Darwin Airport	31	30.3	18.2	24.3	..	..	..	..	..	..	..	..	..	..	
Late returns and corrections for April 2023															
Russell CWS	15	21.1	13.5	17.3	..	23.8	2	6.1	25	..	..	..	..	..	
Tiri Tiri Lighthouse	76	20.0	13.9	17.0	-0.2	22.4	2	..	..	63	20	-9	18	6	
Auckland, Henderson N	7	21.9	13.1	17.5	+1.3	25.6	2	4.6	25	91	16	-19	31	30	
Taihape Rec	433	19.3	7.0	13.2	+1.5	25.0	20	-1.0	25	60	15	-32	14	22	
Boyle River Lodge	600	16.8	4.8	10.8	+0.7	22.5	17	..	..	215	..	+65	80	5	
Kaikoura, Middle Cree	5	17.7	8.1	12.9	+1.4	26.4	2	1.5	25	..	..	..	..	..	
Mt Somers, Somer Down	372	17.2	6.6	11.9	..	24.1	1	1.4	25	103	13	+0	21	2	
Waipounamu CWS	152	17.1	4.9	11.0	+0.9	21.0	23	-1.1	8	..	..	..	..	..	
Ettrick No.2	91	18.0	4.2	11.1	+0.6	23.4	1	-1.5	7	40	9	-6	14	25	
New Cal, Koumac	18	28.9	21.6	25.3	..	31.0	2	18.9	30	143	12	..	76	10	
Maopopo, Futuna Isla	36	31.9	26.2	29.1	..	32.8	15	24.9	18	..	..	..	..	..	
Samoa, Pago Pago Aero	3	30.5	25.6	28.1	..	..	..	24.1	16	359	22	..	63	21	
Tuamotu, Takaroa	2	31.5	26.3	28.9	..	32.0	4	24.9	9	51	17	..	19	29	
Late returns and corrections for March 2023															
Russell CWS	15	23.1	11.4	17.3	..	26.0	18	4.2	30	..	..	..	..	..	
Boyle River Lodge	600	19.9	4.1	12.0	-1.4	27.0	26	..	..	18	5	-110	13	5	
Kaikoura, Middle Cree	5	19.6	10.0	14.8	+1.1	27.5	17	5.2	29	..	..	..	..	..	
Mt Somers, Somer Down	372	19.2	7.6	13.4	..	27.1	2	1.5	30	155	16	+57	36	4	
Waipounamu CWS	152	19.3	6.5	12.9	+0.4	28.2	8	-1.3	30	..	..	..	..	..	
Late returns and corrections for October 2022															
Mt Potts EWS	2128	3.0	-4.4	-0.7	-0.8	10.5	23	-16.2	6	..	..	..	..	..	

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.

©2023. All rights reserved National Institute of Water and Atmospheric Research Ltd.