



Climate Database Statistics Report

March 2024

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 March 2024

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
Cape Reinga AWS	213	21.4	15.2	18.3	-0.6	23.4	1	13.1	17	33	10	..	14	4	..
Kaitaia Aero EWS	80	22.9	13.5	18.2	-0.7	24.9	12	7.2	17	..	..	..	..	..	..
Kaitaia Airport AWS	77	23.0	13.2	18.1	..	25.0	1	7.0	17	..	..	..	..	..	..
Kaitaia EWS	85	23.1	14.2	18.7	+0.1	25.5	10	8.4	21	36	11	-49	12	4	188
Kerikeri EWS	79	24.2	12.0	18.1	-0.3	27.5	12	6.0	21	17	5	-99	11	4	..
Kerikeri Aerodrome Aw	149	22.9	12.3	17.6	-0.7	25.7	12	7.9	21	30	11	-106	19	4	..
Kaikohe AWS	204	22.0	12.9	17.5	-0.6	24.3	27	7.5	17	44	15	-75	12	4	..
Trounson CWS	244	21.0	12.4	16.7	-0.3	25.3	10	6.4	20	68	19	-34	19	4	..
Dargaville 2 EWS	66	22.4	14.0	18.2	-0.2	25.9	10	7.7	21	40	12	-25	12	4	141
Purerua AWS	87	23.3	13.7	18.5	-0.2	26.8	1	9.2	17	18	11	-77	9	4	..
Whangarei Aero AWS	37	22.7	13.4	18.1	-0.9	26.4	27	7.8	21	43	16	-76	24	4	..
Whangarei EWS	12	23.7	11.7	17.7	-0.7	27.2	27	5.0	21	26	8	..	17	4	209
Mokohinau Island AWS	70	21.3	16.8	19.1	-0.5	23.9	1	14.3	31	18	7	-67	8	4	..
Leigh 2 EWS	27	23.7	14.9	19.3	..	26.9	24	9.2	30	41	13	-51	10	4	..
Warkworth EWS	72	21.6	10.8	16.2	-1.3	25.1	4	4.8	21	51	13	-54	23	4	..
Whangaparaoa AWS	100	22.3	14.5	18.4	-0.8	25.8	14	10.7	31	62	15	-26	27	4	..
Auckland, Whenuapai A	26	21.9	12.0	17.0	-1.2	25.1	4	5.4	21	62	19	..	19	4	..
Auckland, North Shore	64	22.1	12.7	17.4	-0.8	25.4	14	7.1	31	74	16	-14	24	4	194
Auckland, Motat EWS	16	22.4	12.8	17.6	..	25.6	4	6.8	21	64	18	..	16	4	209
Manukau Heads EWS	240	18.9	13.9	16.4	..	22.2	4	9.7	20	80	16	..	18	3	192
Whitianga Aero AWS	5	22.3	11.7	17.0	-0.8	26.0	1	2.4	31	46	13	-83	19	4	..
Whitianga EWS	1	23.2	11.3	17.3	-0.6	27.0	14	3.7	31	40	6	..	19	4	..
Thames EWS	3	22.3	11.9	17.1	..	25.9	1	4.7	30	70	12	..	25	4	..
Matamata, Hinuera EWS	85	21.3	9.1	15.2	-1.6	25.9	1	1.1	30	105	11	+46	34	14	..
Tauranga CWS	3	21.8	12.9	17.4	..	26.8	1	6.8	30	63	12	..	20	4	..
Tauranga Aero AWS	2	22.1	12.8	17.5	-0.9	26.4	1	5.3	30	53	14	-42	18	4	236
Te Puke EWS	123	22.1	11.0	16.6	-0.8	27.1	8	5.5	30	63	14	-66	26	4	..
Whakatane Aero AWS	8	22.7	10.5	16.6	-1.0	28.1	13	2.6	30	50	14	-37	15	4	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	260
Whakatane EWS	1	23.4	11.1	17.3	..	28.3	13	3.2	30	41	10	..	13	4	..
Mamaku Radar WXT AWS	17	15.7	9.4	12.6	-1.9	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	24.5	10.2	17.4	-0.8	29.9	8	3.3	30	..	..	..	..	..	233
Rotorua EWS	288	19.5	8.6	14.1	..	..	..	..	..	..	..	..	..	..	..
Rotorua Aero AWS	286	20.0	9.0	14.5	-1.6	24.7	1	1.0	21	63	13	-37	27	14	..
Galatea AWS	175	20.8	8.4	14.6	-1.7	26.6	1	0.4	30	61	14	..	12	4	..
Taupo CWS	360	20.7	8.7	14.7	..	26.8	1	2.0	21	77	13	..	25	4	..
Tarapounamu EWS	701	15.5	7.2	11.4	-2.0	20.6	13	1.7	30	117	14	+3	26	4	..
Taupo Aero AWS	402	18.8	8.6	13.7	-1.5	23.3	1	-0.7	21	58	10	-8	17	4	..
Motu EWS	488	19.6	8.4	14.0	-0.1	27.0	13	-0.2	30	115	16	-20	56	4	..
Auckland, Mangere 2 E	16	21.6	13.5	17.6	..	24.6	4	6.5	31	67	18	-23	14	23	210
Auckland Aero	7	21.7	14.0	17.9	-1.0	24.7	2	8.7	31	69	17	-6	11	3	..
Auckland Aero Backup	7	21.6	14.1	17.9	-1.0	24.4	2	8.8	31	60	18	..	11	3	..
Ardmore Aero AWS	41	21.5	11.2	16.4	..	25.0	1	3.0	31	..	..	..	..	..	..
Pukekohe EWS	88	19.0	9.9	14.5	-3.4	22.6	10	3.1	31	74	19	-6	23	4	..
Firth Of Thames EWS	3	22.5	9.9	16.2	-1.4	25.9	1	1.5	31	51	12	-47	20	4	204
Whatawhata 2 EWS	118	21.2	11.0	16.1	-1.5	25.0	10	4.0	20	112	22	+7	40	4	..
Hamilton, Ruakura 2 E	45	21.3	10.5	15.9	-1.5	25.0	1	2.6	31	110	16	+35	23	14	207
Hamilton Aero AWS	53	20.8	9.7	15.3	-1.8	24.9	1	2.5	20	155	18	+75	36	4	..
Lake Karapiro CWS	55	21.2	12.0	16.6	-1.6	25.8	1	5.8	31	74	11	+7	21	14	..
Port Taharoa AWS	18	20.2	13.8	17.0	-1.4	22.8	2	7.4	30	81	18	+13	23	4	..
Awakino EWS	400	17.1	10.2	13.7	..	19.7	3	4.8	20	195	20	+79	46	4	163
Waikeria EWS	37	21.3	8.1	14.7	..	25.8	1	0.7	31	106	16	+34	33	4	192
Te Kuiti EWS	61	21.3	8.2	14.8	-2.2	24.8	1	1.2	20	96	15	+20	32	4	193
Pureora Forest CWS	549	17.3	6.9	12.1	-1.8	21.6	1	-0.2	21	115	14	+32	62	4	..
Taumarunui EWS	170	21.0	7.8	14.4	-1.8	25.2	13	-0.2	20	108	15	+27	51	4	..
Taumarunui AWS	186	20.4	7.1	13.8	-2.2	..	..	..	..	..	..	..	..	..	..
Turangi 2 EWS	360	19.3	6.5	12.9	-1.9	24.9	1	-2.0	21	66	11	-26	31	4	232
New Plymouth Aero AWS	28	19.7	11.5	15.6	-1.2	22.5	1	4.6	30	75	16	-16	23	22	248
Lower Retaruke CWS	233	20.0	7.6	13.8	-2.2	25.8	8	..	..	109	18	+21	41	4	..
Mt Ruapehu, Chateau E	1097	14.9	4.3	9.6	-1.4	20.9	1	-1.9	21	75	14	-86	30	4	..
Pahiatua EWS	110	19.7	7.8	13.8	-1.4	23.9	1	0.1	21	79	20	..	35	4	..
Masterton Aero AWS	105	21.6	7.6	14.6	-1.2	26.5	1	1.4	21	36	13	..	12	4	..
Masterton EWS	90	22.0	7.1	14.6	-1.1	28.8	1	0.4	21	22	11	..	7	15	224

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Masterton, Te Ore Ore	110	22.4	8.0	15.2	-1.3	26.9	2	1.3	21	25	11	-45	8	15	..
Takapau Plains AWS	346	19.3	8.1	13.7	-1.1	24.5	4	2.5	22	42	13	-30	8	28	..
Dannevirke EWS	207	20.3	9.3	14.8	-0.6	24.2	1	2.2	21	54	12	-19	12	4	194
Cape Turnagain AWS	285	16.4	11.2	13.8	-1.0	22.9	4	7.3	29
Akitio EWS	245	18.2	10.2	14.2	-0.8	24.4	4	6.2	29	50	14	..	12	28	216
Castlepoint AWS	120	19.1	12.1	15.6	-0.9	25.0	4	7.9	29	51	9	-25	12	28	..
Baring Head	79	17.9	11.8	14.9	..	22.5	1	7.1	21	17	9	..	5	4	..
Te Wharau, Brackenfie	292	24.6	10	1.9	..	60	..	-65
Martinborough EWS	20	21.5	8.7	15.1	-0.8	27.1	1	0.6	21	26	8	-24	10	4	188
Ngawi AWS	8	20.3	13.0	16.7	-0.5	25.9	1	8.2	29	32	12	-36	9	15	..
Hicks Bay AWS	46	21.3	13.8	17.6	-0.6	24.6	13	6.9	30
Gisborne Aero AWS	5	21.9	11.3	16.6	-0.9	28.3	11	5.9	17	46	16	-47	10	29	210
Gisborne EWS	12	23.2	10.8	17.0	-1.3	28.7	11	5.3	22	16	8	-78	6	15	..
Tolaga Bay WXT AWS	15	21.1	11.9	16.5	-0.4	26.5	11	5.1	17	48	17	..	14	30	..
Tutira CWS	235	20.5	9.8	15.2	-0.7	26.5	11	4.8	22	27	13	-65	10	29	..
Napier Aero AWS	3	22.6	10.1	16.4	-0.8	29.1	26	4.0	22	2	5	-60	1	5	..
Napier EWS	7	22.3	11.4	16.9	..	28.4	27	5.9	22	19	11	-43	5	30	239
Maraekakaho CWS	150	22.3	8.0	15.2	..	28.6	11	2.3	17	22	11	..	5	29	..
Hastings AWS	16	22.6	9.1	15.9	-1.3	27	10	..	8	13	..
Whakatu EWS	5	22.8	7.7	15.3	-0.9	29.1	27	1.4	17	19	10	-35	5	29	..
Wairoa, North Clyde E	15	22.6	11.1	16.9	-0.5	27.9	13	6.0	17	46	14	-57	10	29	..
Wairoa Aero AWS	13	21.3	10.3	15.8	-0.8	26.4	4	4.5	17	62	17	..	11	29	..
Mahia Radar WXT AWS	419	17.0	11.6	14.3	-0.9	22.0	4	6.0	30
Mahia AWS	136	19.8	12.9	16.4	-0.7	25.8	13	7.4	30	78	13	-12	27	29	..
Cape Kidnappers WXT A	113	19.3	13.7	16.5	-0.5	26.4	27	10.1	29
Paraparaumu Aero AWS	8	19.4	11.0	15.2	-0.8	23.1	3	3.3	29	37	8	-27	23	4	239
Paraparaumu Aero EWS	5	20.0	11.1	15.6	..	23.5	3	3.4	29	32	6	-31	21	4	231
Ohakea AWS	47	20.0	10.1	15.1	-1.6	24.3	4	3.3	20	51	13	..	38	4	..
Palmerston North Aero	39	20.5	9.4	15.0	-1.6	25.3	4	1.9	20	77	19	+20	44	4	..
Palmerston North EWS	21	20.7	10.2	15.5	-1.2
Levin AWS	15	20.5	10.2	15.4	-0.9	23.5	13	1.7	20	30	8	-36	25	4	..
Levin EWS	23	20.8	9.7	15.3	..	23.7	8	1.3	20	27	7	..	23	4	209
Mana Island AWS	110	17.6	12.3	15.0	-0.3	21.8	3	7.7	21	24	10	..	12	4	..
Porirua, Elsdon Park	7	19.2	11.3	15.3	..	23.1	3	3.4	20	37	12	..	17	4	220
Wellington, Kelburn A	125	18.6	11.9	15.3	-0.6	22.8	1	6.5	29	43	12	-57	16	15	221
Wellington Aero	4	19.5	13.0	16.3	-0.3	23.1	1	7.5	29	34	12	-32	11	4	..
Wellington, Greta Poi	3	21.9	14.8	18.4	+1.4	25.6	12	9.2	29	31	11	..	11	15	..
Wellington Aero Backu	4	19.5	13.1	16.3	-0.1	23.1	1	7.5	29	33	12	-33	10	4	..
Upper Hutt, Trentham	50	19.7	9.1	14.4	-0.8	24.2	1	0.5	21	49	10	-20	32	4	213
Stratford EWS	280	18.1	8.6	13.4	-1.7	22.3	13	3.5	21	77	16	-46	20	4	199
Manaia, Motumate Stm	105	20.9	11.1	16.0	..	24.7	10	3.8	20	42	17	..	13	4	..
Hawera AWS	100	18.9	10.8	14.9	-0.8	22.6	4	3.9	20	64	19	-7	15	4	..
Ohakune EWS	607	17.7	7.2	12.5	-1.3	22.4	8	0.0	21	111	15	+36	49	4	..
Waiouru Aero AWS	820	15.6	5.2	10.4	-1.8	20.7	12	-1.6	20	67	23	..	18	4	..
Waiouru EWS	803	15.6	5.1	10.4	..	20.9	12	-0.7	30	68	22	+8	19	4	..
Taihape Rec	433	19.6	6.6	13.1	-1.5	25.0	12	0.5	20	56	19	+1	15	4	..
Flat Hills WXT AWS	262	18.5	9.5	14.0	-1.6	2.3	20
Whanganui, Spriggins	15	20.4	11.6	16.0	-1.1	24.4	4	5.1	20	56	11	-5	27	4	..
Whanganui Aero AWS	14	19.8	11.4	15.6	-1.2	24.4	4	5.3	20	47	11	-5	23	4	..
Wanganui 2 AWS	18	21.2	10.9	16.1	-1.2	25.0	4	4.0	20
Takaka EWS	20	21.7	8.2	15.0	-0.7	27.4	13	2.6	30	24	8	-110	11	3	253
Farewell Spit AWS	3	22.4	12.5	17.5	+0.2	26.1	1	8.5	16	49	11	-28	21	4	..
Westport Aero AWS	5	17.7	10.6	14.2	-1.6	20.7	23	5.7	16	134	20	-9	25	4	..
Westport EWS	6	17.9	10.4	14.2	..	20.8	23	4.9	16	139	18	..	24	4	214
Arapito EWS	3	19.5	10.2	14.9	-0.4	23.0	22	4.4	16	88	15	-59	28	4	160
Hokitika Aero	39	17.6	9.2	13.4	-1.3	21.2	22	3.0	16	144	14	-69	35	2	187
Hokitika Aero AWS	40	17.6	9.3	13.5	-1.1	21.2	22	3.1	16	147	17	-56	34	2	232
Hokitika EWS	39	17.6	9.1	13.4	..	21.2	22	2.8	16	136	15	..	34	2	..
Reefton EWS	198	19.1	7.9	13.5	-1.7	22.6	22	0.1	16	74	15	-35	25	4	174
Greymouth Aero EWS	5	18.0	10.1	14.1	-0.9	21.5	22	4.9	29	137	18	-38	38	2	186
Pigeon Creek CWS	105	17.6	8.5	13.1	-1.6	22.0	22	3.5	29	232	17	..	43	2	..
Mt Philistine EWS	1655	7.1	1.1	4.1	-2.0	18.1	1	-3.9	29	332	19	..	68	25	..
Mahanga EWS	1995	6.6	0.4	3.5	-2.2	15.2	1	-6.1	29	116	20	..	24	2	..

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	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Ivory Glacier CWS	1390	8.9	2.8	5.9	..	14.6	31	-1.2	5	316	16	-249	74	3	..
Okarito EWS	1	17.0	9.0	13.0	..	19.9	22	2.3	29	170	15	..	26	26	..
Franz Josef EWS	80	17.8	7.9	12.9	-1.2	21.9	23	1.3	29	237	17	-12	35	26	174
Lake Moeraki EWS	10	16.9	6.9	11.9	..	20.2	22	0.8	29	268	17	..	44	24	..
Haast AWS	1	16.3	8.7	12.5	-1.5	18.8	2	3.8	29	265	26	+19	41	24	..
Milford Sound AWS	3	16.4	7.3	11.9	-1.9	..	..	..	..	..	..	..	..	..	..
Milford Sound EWS	3	16.2	7.1	11.7	..	21.0	2	2.6	29	..	..	..	..	..	..
Secretary Island AWS	19	15.6	9.3	12.5	-1.6	21.4	22	6.2	15	355	24	+4	49	26	..
Puysegur Point AWS	45	14.6	10.0	12.3	-0.9	20.2	1	6.7	15	263	26	+37	46	3	..
Stephens Island AWS	188	17.9	12.5	15.2	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	21.7	9.0	15.4	-0.6	..	..	..	..	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	20.6	12.0	16.3	-0.6	25.2	3	8.1	21	40	10	-69	25	4	..
Nelson Aero	2	20.8	10.7	15.8	-0.6	25.6	3	3.9	16	25	5	-46	11	4	..
Appleby 2 EWS	18	21.9	7.6	14.8	-0.5	26.4	3	0.1	16	13	4	-58	9	4	243
Richmond EWS	1	20.9	9.8	15.4	-0.9	25.0	3	2.5	30	17	4	..	9	4	252
Nelson Aero AWS	6	20.5	11.3	15.9	-0.7	25.5	3	4.9	16	22	7	-46	11	4	..
Blenheim Research EWS	4	20.9	8.4	14.7	-1.4	..	..	..	..	25	3	-14	18	4	263
Wairau Valley, Mill R	172	21.5	8.2	14.9	-0.8	27.8	1	0.1	30	37	6	-41	16	4	..
Blenheim Aero AWS	36	21.6	8.0	14.8	-1.0	28.2	2	-0.1	30	45	5	+1	30	4	..
Brothers Island AWS	68	18.1	13.2	15.7	-0.2	21.4	9	10.5	16	..	..	..	..	..	..
Grassmere Salt Works	2	20.8	12.4	16.6	-0.1	29.9	2	6.9	29	42	9	+4	23	4	..
Cape Campbell AWS	6	18.2	12.5	15.4	-0.1	24.4	2	8.0	29	58	9	+21	21	4	..
Hanmer Forest EWS	363	21.5	5.5	13.5	-0.1	31.6	1	-2.1	20	37	13	-38	12	4	..
Kaikoura, Middle Cree	5	18.9	8.0	13.5	-0.2	28.5	4	2.0	21	4	5	..	2	15	..
Kaikoura AWS	108	19.2	11.0	15.1	-0.2	27.9	4	6.8	29	21	6	-45	6	18	..
Arthurs Pass	745	14.6	4.9	9.8	-1.4	19.7	22	-1.4	29	239	..	-82	..	..	..
Arthurs Pass EWS	745	14.6	4.9	9.8	-1.5	19.8	22	-1.6	29	258	14	..	57	25	..
Arthurs Pass AWS	743	13.9	5.0	9.5	-1.4	18.4	22	-1.4	29	283	15	..	63	25	..
Culverden AWS	181	20.1	7.3	13.7	-0.8	28.5	1	0.3	20	12	12	-35	3	15	..
Medbury CWS	232	20.7	6.2	13.5	-1.0	28.8	1	-1.3	20	19	11	..	7	15	..
Balmoral East CWS	172	20.8	6.6	13.7	..	30.0	1	-0.7	16	20	10	..	8	11	..
Waipara North Branch	497	19.3	5.3	12.3	..	28.7	1	-4.9	16	26	13	..	10	18	..
Waiau School CWS	136	22.0	7.3	14.7	-0.4	30.0	1	-0.5	20	13	6	-53	6	15	..
Cheviot EWS	75	20.8	7.2	14.0	-0.6	30.5	2	-0.2	20	34	8	-14	15	18	215
Upper Rakaia EWS	1752	8.3	1.8	5.1	-1.4	17.9	1	-4.3	16	154	21	-23	46	3	..
Mt Potts EWS	2128	7.3	0.5	3.9	-1.6	16.9	1	-7.4	16	..	..	..	..	..	..
Mt Cook EWS	730	17.4	5.4	11.4	-1.0	24.9	11	-1.1	29	262	14	-53	64	25	192
Mueller Hut EWS	1818	8.5	2.0	5.3	-1.6	17.3	1	-5.2	16	254	18	..	66	25	..
Mt Cook Aero AWS	656	18.2	4.2	11.2	-1.3	26.4	1	-2.0	16	142	14	..	33	25	..
Cass EWS	571	18.5	4.3	11.4	..	26.1	1	-4.5	29	49	14	..	14	4	..
Methven CWS	313	18.8	7.3	13.1	-1.2	30.2	2	1.5	16	38	15	-29	15	15	..
Te Pirita at Sharland	208	18.4	7.5	13.0	..	28.5	2	2.6	16	26	11	..	14	15	..
Winchmore 2 EWS	164	19.0	6.7	12.9	..	29.4	2	0.6	20	27	9	-31	14	15	194
Chertsey CWS	108	18.4	8.6	13.5	-1.0	29.5	2	2.0	16	26	8	-28	14	15	..
Mayfield at Ruapuna F	325	17.8	6.3	12.1	..	28.5	10	1.3	6	58	22	..	10	11	..
Peel Forest	286	17.7	5.9	11.8	-1.6	28.3	2	-0.4	16	86	24	-14	23	15	..
Lismore, Racemans Hou	168	18.4	7.4	12.9	-0.9	28.7	10	1.8	29	31	10	..	15	15	..
Ashburton Aero AWS	88	19.0	7.8	13.4	-1.0	31.0	2	1.8	16	36	13	-10	22	15	189
Waipara West EWS	130	21.6	8.3	15.0	-0.5	30.4	2	2.2	20	10	8	-34	4	11	205
Ohoka CWS	39	18.9	7.2	13.1	..	26.0	7	0.3	20	..	..	..	..	..	..
Rangiora EWS	23	19.7	7.8	13.8	-0.8	27.0	7	0.6	20	16	7	-22	8	15	196
Christchurch Aero	37	19.4	7.9	13.7	-1.2	26.4	7	-0.8	29	19	9	-26	9	15	213
Christchurch Aero Bac	37	19.4	7.8	13.6	-1.1	26.6	7	-0.9	29	14	8	..	8	15	..
Christchurch Gardens	7	20.4	8.8	14.6	-0.9	28.0	4	1.5	16	19	9	-29	6	15	..
Christchurch, Kyle St	6	19.5	9.4	14.5	-1.0	26.0	4	1.8	16	17	9	-27	7	15	..
Christchurch Botanic	17	19.6	8.8	14.2	..	26.1	7	1.5	16	16	8	..	6	15	..
Bromley EWS	3	19.2	9.9	14.6	..	26.6	4	2.0	16	13	8	..	7	11	214
Lincoln, Broadfield E	18	18.6	8.7	13.7	-1.3	27.7	7	0.8	16	28	10	-16	13	15	188
Lincoln, Broadfield E	17	18.9	8.4	13.7	..	27.6	7	0.4	16	30	10	..	13	15	..
Sugar Loaf AWS	496	16.3	7.9	12.1	-1.3	24.7	2	3.4	16	..	..	..	..	..	..
Diamond Harbour EWS	122	18.7	10.1	14.4	-0.5	24.8	4	3.7	29	23	10	..	5	4	208
Akaroa EWS	45	19.4	10.0	14.7	-1.2	28.3	2	5.0	29	39	8	-29	14	15	176
Le Bons Bay AWS	238	16.6	9.5	13.1	-1.0	24.1	10	5.3	16	46	12	+5	23	15	..

Summary of the records of Temperature, Rainfall and Sunshine March 2024

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
Lake Tekapo, Air Safa	762	18.6	3.6	11.1	-1.3	27.9	2	-2.3	16	29	10	-12	16	26	..
Lake Tekapo EWS	762	19.7	4.3	12.0	-0.7	28.4	2	-1.6	6	26	8	-3	16	26	260
Fairlie AWS	403	18.5	6.6	12.6	-0.6	29.8	10	2.1	16	38	16	..	10	15	..
Pukaki Aerodrome AWS	461	21.2	3.8	12.5	-1.0	30.8	2	-3.8	16	18	6	-32	6	3	..
Orari Estate	81	19.0	6.5	12.8	-1.4	29.0	2	0.3	29	17	9	-38	8	15	..
Orari Estate EWS	81	19.1	6.5	12.8	-1.1	29.1	7	0.3	29	16	7	..	9	15	..
Timaru Aero AWS	27	18.5	6.5	12.5	-1.4	29.6	7	0.3	6	24	11	-18	7	15	..
Timaru EWS	17	17.9	8.4	13.2	-0.6	29.3	7	1.9	16	19	9	-20	5	15	..
Otaio @ Springbank ro	14	17.4	7.9	12.7	..	28.2	7	1.6	16	28	10	..	8	23	..
Waimate CWS	39	18.3	7.8	13.1	-0.9	28.8	7	1.0	16	34	8	-1	11	7	..
Oamaru Airport AWS	30	16.7	7.4	12.1	-1.4	25.4	7	3.3	6	26	11	-14	10	18	..
Albert Burn	1280	11.3	2.4	6.9	-1.9	17.7	1	-2.8	16	235	15	+65	53	24	..
Mt Larkins EWS	1900	5.5	-0.3	2.6	-2.0	13.6	30	-6.1	29	136	21	..	30	10	..
Eglinton, Knobs Flat	365	15.8	4.6	10.2	-1.9	21.9	2	-1.5	29	212	16	+69	37	3	..
Tara Hills AWS	485	20.2	4.8	12.5	-1.0	28.6	2	-2.2	16	24	8	-12	9	26	..
Wanaka CWS	331	19.3	6.6	13.0	..	25.8	2	1.1	16	52	9	..	18	26	..
Wanaka Aero AWS	352	20.0	6.8	13.4	-1.0	28.2	2	1.4	16	57	10	+11	23	26	..
Windsor EWS	81	18.9	5.7	12.3	-1.3	28.3	10	1.4	16	21	9	-6	8	15	..
Ranfurly EWS	450	18.5	4.4	11.5	-1.0	28.9	2	-1.0	10	26	11	-9	7	15	..
Oamaru AWS	40	17.8	7.7	12.8	-1.0	27.7	7	3.0	16	45	13	+2	11	14	..
Palmerston	21	18.6	6.1	12.4	-0.8	31.3	10	-0.9	10	31	12	-11	11	23	162
Middlemarch EWS	213	20.3	4.6	12.5	-0.8	31.8	2	-2.6	10	14	11	-49	5	27	..
Swampy Summit AWS	716	12.2	4.6	8.4	-1.7	24.0	2	1.0	28	..	..	..	..	..	..
Dunedin Aero AWS	2	18.5	6.3	12.4	-0.9	27.9	2	-0.4	10	43	21	-5	8	27	..
Dunedin, Musselburgh	4	16.8	9.2	13.0	-0.9	26.2	7	5.3	19	52	17	-2	9	27	197
Oamaru EWS	20	17.2	7.6	12.4	-0.6	..	..	1.3	16	..	..	..	..	..	..
Murchison Mtns EWS	1140	9.4	2.5	6.0	-2.0	15.3	6	-1.6	29	261	20	+41	48	25	..
Takahe Valley CWS	895	12.1	2.2	7.2	-1.2	20.2	2	-1.9	29	189	15	..	38	26	..
Te Anau At Park HQ Cw	204	15.5	5.6	10.6	..	22.6	2	0.1	29	..	..	..	..	..	..
Manapouri, West Arm J	178	14.7	6.3	10.5	-1.8	21.4	2	1.8	6	382	20	+151	57	25	..
Manapouri Aero AWS	209	16.9	4.9	10.9	-1.4	25.3	2	-1.0	29	103	13	+20	26	3	..
Birchwood WXT AWS	149	16.4	6.5	11.5	-1.1	25.0	2	2.5	10	108	23	..	22	4	..
Queenstown EWS	322	19.3	7.2	13.3	..	28.8	2	3.2	16	80	10	..	27	3	..
Queenstown Aero AWS	357	17.7	6.3	12.0	-1.2	26.9	2	1.2	16	86	11	+37	24	3	220
Five Rivers CWS	260	17.1	6.0	11.6	-0.6	26.9	2	1.2	20	76	16	..	22	3	..
Lumsden AWS	194	17.1	5.8	11.5	-1.1	26.8	2	0.7	10	98	19	+24	23	3	..
Waipounamu CWS	152	17.5	6.1	11.8	-0.7	27.9	2	0.1	10	75	20	..	11	3	..
Cromwell EWS	213	21.4	5.3	13.4	-1.5	30.0	2	-0.3	16	27	8	-5	12	3	253
Lauder EWS	375	19.8	4.6	12.2	-1.2	29.1	2	-0.4	16	31	11	-5	8	3	..
Ophir 2	305	20.2	2.8	11.5	-1.4	28.3	2	-2.4	20	22	8	-11	8	3	..
Alexandra	150	21.6	6.8	14.2	-0.8	31.4	2	1.8	20	23	11	-8	11	3	170
Clyde 2 EWS	170	21.7	4.8	13.3	-1.0	32.6	2	0.0	6	29	10	-2	13	3	..
Alexandra AWS	231	20.2	6.0	13.1	-0.8	30.2	2	1.0	16	30	11	..	14	3	..
Alexandra EWS	132	21.1	6.2	13.7	..	31.7	2	2.0	6	19	9	..	9	3	220
Roxburgh WXT AWS	160	18.7	7.7	13.2	-0.9	30.6	2	3.7	14	48	16	..	9	4	..
Tapanui EWS	180	17.5	5.9	11.7	..	27.4	2	0.8	20	114	19	..	18	28	..
Gore AWS	123	16.7	6.9	11.8	-0.9	26.4	2	1.7	10	108	22	+35	21	28	..
Gore EWS	60	17.0	6.3	11.7	..	26.8	2	1.2	10	83	18	..	15	28	160
Invercargill Aero	1	16.0	7.3	11.7	-1.0	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	3	16.0	7.3	11.7	-1.0	22.7	1	1.6	10	130	22	+38	16	3	..
Invercargill Aero 2 E		15.9	6.5	11.2	-1.3	22.5	1	0.4	10	123	21	+47	15	3	..
Tiwai Point EWS	5	15.7	8.6	12.2	-1.0	22.1	1	5.1	10	102	21	+12	18	25	..
Stewart Is	3	16.2	6.6	11.4	-0.9	..	..	4.0	15	177	..	+38	28	25	..
Stewart Island EWS	3	16.0	7.5	11.8	..	24.2	1	4.3	15	169	23	..	28	25	..
Balclutha, Telford Ew	11	17.6	6.8	12.2	-0.3	27.7	2	0.0	20	53	16	+13	10	18	133
Balclutha, Finegand E	6	17.7	7.2	12.5	..	28.1	2	1.6	20	54	15	..	8	18	..
Nugget Point AWS	131	15.3	8.1	11.7	-1.1	24.4	10	5.3	29	92	24	+37	19	4	..
Tautuku EWS	25	16.1	7.0	11.6	..	24.2	10	3.4	10	142	21	..	17	28	..
South West Cape AWS	103	13.4	8.3	10.9	-1.4	18.5	21	4.5	28	124	27	+11	28	26	..
Solomon, Taro Is	3	32.3	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.9	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.9	25.2	29.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.0	24.9	28.5	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine March 2024

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
Solomon, Santa Cruz	24	..	24.8	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	31.0	24.2	27.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.9	24.2	27.6	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	31.1	23.5	27.3	..	34.8	3	19.2	31	..	..	..	..	..	..
New Cal, Oulop	7	29.4	25.1	27.3	..	..	..	..	..	..	..	..	..	..	..
New Cal, Ouanaham	29	28.9	24.4	26.7	..	32.1	4	17.5	31	..	..	..	..	..	..
New Cal, La Roche	42	28.9	23.4	26.2	..	31.7	5	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	30.5	22.2	26.4	..	33.8	7	16.4	30	..	..	..	..	..	..
New Cal, Nouma	72	28.9	23.2	26.1	..	35.1	3	19.9	30	..	..	..	..	..	..
New Cal, Moue	97	27.9	22.8	25.4	..	30.0	3	19.3	30	..	..	..	..	..	..
Kiribati,Butaritari	2	31.3	25.9	28.6	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	26.4	..	..	..	..	..	..	336	22	..	73	24	..
Kiribati, Bonriki Int	4	31.3	26.1	28.7	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	32.4	27.1	29.8	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	33.3	27.7	30.5	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	32.9	26.8	29.9	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	31.3	24.0	27.7	..	34.8	4	22.1	7	..	..	..	..	..	..
Fiji,Nausori Aero	6	30.8	24.1	27.5	..	33.5	1	22.5	20	..	..	..	..	..	..
Wallis Island, Hihifo	27	32.2	26.0	29.1	..	33.1	13	23.8	27	..	..	..	..	..	..
Maopopo, Futuna Isla	36	32.3	25.9	29.1	..	33.7	11	24.6	27	73	27	..	17	20	..
Samoa,Faleolo	4	33.4	25.7	29.6	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.9	25.1	28.5	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	32.2	26.6	29.4	..	..	..	24.5	7	192	23	..	49	11	..
Tonga, Lupepauu	67	30.1	24.0	27.1	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	29.4	25.3	27.4	..	31.7	1	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	29.0	24.1	26.6	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	31.0	25.2	28.1	..	33.1	27	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	24.9	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.5	24.8	28.7	..	34.1	22	23.0	30	60	11	..	14	22	..
Society Is, Mopelia		31.4	25.9	28.7	..	32.4	18	23.7	7	..	..	..	..	..	..
Tahiti - Faaa	1	31.9	25.8	28.9	..	32.9	16	24.2	22	38	7	..	22	9	..
Tuamotu, Takaroa	2	32.6	26.8	29.7	..	33.5	17	24.9	24	..	..	..	..	..	..
Gambier, Rikitea	91	28.2	23.5	25.9	..	30.3	1	20.2	31	192	19	..	120	11	..
Rapa	1	25.4	20.6	23.0	..	27.7	23	17.6	8	192	19	..	58	13	..
Raoul Island AWS	50	25.9	18.5	22.2	-0.5	28.7	5	15.5	13	43	13	-112	15	5	238
Enderby Is AWS	39	11.6	7.0	9.3	..	14.3	1	2.9	27	141	29	..	18	25	..
Campbell Island AWS	16	10.0	5.6	7.8	-1.0	14.0	2	2.3	17	198	28	+74	31	25	..
Chatham Island Aero A	12	17.8	10.6	14.2	-0.8	..	..	..	..	..	..	..	..	..	..
Georg Von Neumayer	40	-9.4	-18.7	-14.1	..	-4.0	15	-29.4	6	..	..	..	..	..	..
Ant South Pole	2827	-51.1	-58.0	-54.6	..	-33.1	19	-67.9	26	..	..	..	..	..	..
Halley Bay	30	-13.5	-21.0	-17.3	..	-4.6	14	-35.1	29	..	..	..	..	..	..
Gen Belgrano 2	256	-7.4	-15.1	-11.3	..	3.2	18	-29.0	28	..	..	..	..	..	..
Bellingshausen	16	1.3	-0.8	0.3	..	6.9	10	-5.0	30	..	..	..	..	..	..
Base Jubany	4	2.8	-0.9	1.0	..	7.7	5	-7.0	31	..	..	..	..	..	..
Dinamet	10	2.1	-1.0	0.6	..	6.6	10	-6.9	31	..	..	..	..	..	..
V C Marambio	198	-0.6	-5.9	-3.3	..	12.0	7	-15.2	29	..	..	..	..	..	..
Eduardo Frei	10	1.1	-1.0	0.1	..	..	..	-5.0	30	..	..	..	..	..	..
Arturo Prat		1.1	-0.4	0.4	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.4	-1.9	-0.8	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	2.1	-0.7	0.7	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	0.8	-1.7	-0.5	..	5.9	5	-5.2	29	..	..	..	..	..	..
Argentine Is, Faraday	11	1.4	-1.4	0.0	..	7.2	5	-5.5	30	..	..	..	..	..	..
Gen San Martin	4	1.8	-2.3	-0.3	..	10.1	5	-7.8	30	..	..	..	..	..	..
Novolax Arevskaja	99	-5.0	-10.2	-7.6	..	-1.9	28	-16.6	22	..	..	..	..	..	..
Maitri		-3.6	-10.4	-7.0	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-4.4	-9.1	-6.8	..	-1.1	9	-15.6	26	..	..	..	..	..	..
Mawson	16	-6.3	-13.0	-9.7	..	-1.3	13	-19.1	27	..	..	..	..	..	..
Davis	13	-4.4	-11.0	-7.7	..	0.6	5	-16.7	30	..	..	..	..	..	..
Progress	64	-5.8	-9.0	-7.4	..	-0.3	5	..	..	..	..	..	..	..	..
Mirnyj	30	-8.2	-12.8	-10.5	..	-2.4	4	..	..	..	..	..	..	..	..
Vostok	3420	-52.6	-61.9	-57.3
Casey	41	-4.7	-10.3	-7.5	..	1.1	18	-21.6	31
Wilkins Runway East	755	-10.1	-16.4	-13.3

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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
Durmunt Durville	43	-8.5	-12.2	-10.4	..	-2.5	15	-19.4	30	..	..	..	..	..	..
Mcmurdo	24	-13.2	-21.7	-17.5	..	-9.7	10	-25.1	28	..	..	..	..	..	..
Arrival Heights EWS	187	-15.3	-22.6	-19.0	..	-10.7	10	-28.2	28	..	..	..	..	..	..
Scott Base 2 EWS	42	-15.6	-25.2	-20.4	..	-10.9	16	-33.2	28	..	..	..	..	..	..
Darwin Airport	31	28.2	18.6	23.4	..	..	..	..	..	..	..	..	..	..	..
Mangatawhiri Dam Ews	151	20.9	10.0	15.5	..	24.0	10	3.0	20	100	18	..	26	4	..
Skid Site Ews	415	17.6	9.5	13.6	..	20.8	1	3.4	22	130	18	..	33	4	..
Late returns and corrections for February 2024															
Auckland Aero	7	24.9	16.0	20.5	+0.0	27.5	9	12.3	12	44	7	-19	16	24	..
Waipawa EWS	130	25.6	10.2	17.9	-0.1	31.6	6	3.3	12	14	9	-41	5	3	229
Wellington Aero	4	21.9	15.1	18.5	+0.5	24.9	22	9.6	21	26	7	-34	8	10	..
Appleby 2 EWS	18	23.9	9.5	16.7	-0.3	27.7	19	3.1	4	11	4	-55	5	2	296
Richmond EWS	1	22.7	12.1	17.4	-0.5	26.7	15	6.4	4	11	4	..	5	24	298
Rangiora EWS	23	23.4	10.8	17.1	+0.6	35.0	5	2.6	4	34	8	-9	17	10	226
Christchurch Aero	37	22.8	11.0	16.9	+0.0	31.9	5	4.1	4	32	11	-8	19	10	216
Lake Tekapo EWS	762	24.1	7.5	15.8	+0.6	32.6	5	-0.4	11	7	5	-35	3	10	269
Cromwell EWS	213	25.2	9.6	17.4	-0.2	30.1	23	4.9	11	10	5	-29	3	2	270
Clyde 2 EWS	170	25.2	8.9	17.1	+0.1	30.9	18	2.3	21	14	5	-28	5	2	..
Invercargill Aero 2 E		18.7	8.7	13.7	-0.2	..	..	..	..	118	15	+43	65	6	..
Stewart Is	3	18.3	8.4	13.4	-0.1	25.0	5	1.5	9	177	..	+70	65	6	..
Late returns and corrections for January 2024															
Stewart Is	3	19.2	10.5	14.9	+1.3	25.2	13	3.0	24	146	24	+8	37	13	..
Late returns and corrections for December 2023															
Stewart Is	3	17.3	9.1	13.2	+0.5	25.0	15	4.5	1	113	..	-3	29	20	..

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.

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