



Climate Database Statistics Report

January 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 January 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	°C	°C	mm	mm	mm	mm	Hrs		
Cape Reinga AWS	213	22.9	16.8	19.9	+1.0	26.5	21	13.0	29	44	12	..	30	15	..
Kaitaia Aero EWS	80	25.4	16.8	21.1	+1.6	29.5	21	12.4	26	66	7	-11	50	15	..
Kaitaia Airport AWS	77	25.4	16.7	21.1	..	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	25.3	17.6	21.5	+2.3	29.6	21	13.2	27	36	7	-39	22	15	208
Kerikeri EWS	79	25.4	16.2	20.8	+1.4	28.3	22	12.2	27	45	7	-56	21	15	..
Kerikeri Aerodrome Aw	149	24.9	15.9	20.4	+1.1	28.2	22	11.9	2	52	12	-60	21	15	..
Kaikohe AWS	204	24.3	15.6	20.0	+1.1	27.8	31	9.6	2	48	14	-57	17	15	..
Trounson CWS	244	24.7	15.3	20.0	+2.5	29.3	19	8.4	2	45	14	-46	16	28	..
Dargaville 2 EWS	66	25.9	16.7	21.3	+2.0	29.8	14	13.0	2	34	8	-31	14	15	172
Purerua AWS	87	23.9	17.0	20.5	+1.4	27.7	22	12.9	25	58	13	+1	22	15	..
Whangarei Aero AWS	37	25.1	17.0	21.1	+0.9	28.5	15	11.5	2	43	11	-35	17	15	..
Whangarei EWS	12	26.2	15.8	21.0	+1.4	29.2	31	9.7	2	38	10	..	16	15	218
Mokohinau Island AWS	70	23.3	18.8	21.1	+1.1	26.0	14	16.1	2	74	12	+13	41	15	..
Leigh 2 EWS	27	27.1	17.8	22.5	..	30.2	12	11.4	2	93	14	+25	58	15	..
Warkworth EWS	72	24.5	14.7	19.6	+1.1	28.2	31	7.2	2	63	11	-11	21	15	..
Whangaparaoa AWS	100	26.3	17.6	22.0	+2.2	30.6	31	13.8	2	42	10	-12	18	28	..
Auckland, Whenuapai A	26	25.3	16.2	20.8	+1.5	29.3	31	9.2	2	50	11	..	12	6	..
Auckland, North Shore	64	25.3	16.9	21.1	+2.0	29.6	31	10.8	2	35	10	-32	12	15	247
Auckland, Motat EWS	16	25.7	17.3	21.5	..	30.1	31	11.4	2	32	10	..	8	28	285
Waiheke Island, Awaro	34	26.4	15.9	21.2	+1.8	30.0	31	10.5	2	43	9	-24	14	28	..
Manukau Heads EWS	240	22.5	16.7	19.6	..	27.1	21	13.5	2	70	11	..	36	28	260
Whitianga Aero AWS	5	24.8	15.5	20.2	+1.1	28.5	12	11.5	3	60	16	-36	19	28	..
Whitianga EWS	1	25.3	15.2	20.3	+0.6	30.0	12	10.6	4	47	11	..	17	28	..
Thames EWS	3	25.9	15.9	20.9	..	29.3	31	9.4	2	96	10	..	44	23	..
Matamata, Hinuera EWS	85	26.0	14.6	20.3	+2.1	30.2	22	8.2	2	80	9	-2	31	15	..
Tauranga CWS	3	24.0	17.2	20.6	..	30.2	30	..	..	94	8	..	23	15	..
Tauranga Aero AWS	2	25.6	17.1	21.4	+1.6	30.4	30	13.0	4	68	9	-8	20	28	274
Te Puke EWS	123	25.1	16.2	20.7	+1.9	29.6	31	12.0	24	106	13	+9	29	28	..
Whakatane Aero AWS	8	25.4	16.6	21.0	+1.8	30.0	31	9.5	26	59	13	-13	16	15	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	280
Whakatane EWS	1	26.1	17.2	21.7	..	30.2	31	10.2	26	..	..	..	..	..	..
Mamaku Radar WXT AWS	17	20.6	13.3	17.0	+1.6	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	28.2	16.1	22.2	+2.4	32.8	12	11.0	26	..	..	..	..	..	224
Rotorua EWS	288	23.3	13.7	18.5	..	27.8	12	8.4	2	106	13	..	46	28	271
Rotorua Aero AWS	286	24.1	14.2	19.2	+1.5	27.8	22	8.9	2	77	11	-17	35	28	..
Galatea AWS	175	24.5	15.1	19.8	+1.4	29.3	12	7.5	26	44	10	..	24	28	..
Taupo CWS	360	25.4	14.2	19.8	..	29.6	12	8.4	2	74	13	..	42	28	..
Tarapounamu EWS	701	20.4	11.5	16.0	+0.8	26.9	12	7.4	7	118	14	+2	58	28	..
Taupo Aero AWS	402	23.6	13.6	18.6	+1.3	27.5	21	4.8	26	66	9	-7	42	28	..
Motu EWS	488	23.0	13.4	18.2	+2.3	28.5	21	7.7	27	123	17	-11	49	28	..
Auckland, Mangere 2 E	16	25.7	17.1	21.4	..	29.7	21	12.1	3	21	7	-35	10	28	277
Auckland Aero	7	25.7	17.5	21.6	+1.6	29.0	21	13.6	2	28	7	-30	9	28	..
Auckland Aero Backup	7	25.5	17.6	21.6	+1.7	28.8	21	13.5	2	26	7	..	8	28	..
Ardmore Aero AWS	41	25.5	15.6	20.6	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	23.9	13.6	18.8	+0.0	..	..	..	..	..	..	..	..	..	..
Firth Of Thames EWS	3	26.2	14.8	20.5	+1.6	29.6	22	7.6	2	65	8	-18	25	15	240
Whatawhata 2 EWS	118	26.7	14.4	20.6	+2.2	31.3	21	8.5	2	69	6	-20	44	28	..
Hamilton, Ruakura 2 E	45	26.6	14.5	20.6	+1.9	29.7	22	7.9	2	52	10	-23	27	28	..
Hamilton Aero AWS	53	26.0	14.3	20.2	+1.7	30.0	22	7.1	2	67	10	-8	33	28	..
Lake Karapiro CWS	55	26.7	16.7	21.7	+2.3	31.2	22	11.2	2	41	7	-36	19	15	..
Port Taharoa AWS	18	23.7	16.8	20.3	+1.2	28.0	19	11.9	25	84	11	+20	38	28	..
Awakino EWS	400	22.2	13.7	18.0	..	26.2	22	9.1	25	225	17	+104	83	28	..
Waikeria EWS	37	27.3	16.2	21.8	..	31.5	22	10.2	26	34	17	-36	12	28	255
Te Kuiti EWS	61	26.4	13.5	20.0	+1.7	30.6	22	6.9	2	147	10	+63	83	28	233
Pureora Forest CWS	549	22.5	11.7	17.1	+1.8	26.3	22	4.7	2	148	19	+37	73	28	..
Taumarunui EWS	170	25.8	13.3	19.6	+1.9	29.8	10	7.4	25	172	12	+64	58	28	..
Taumarunui AWS	186	26.1	13.2	19.7	+1.7	30.7	22	6.9	2	183	14	..	62	28	250
Turangi 2 EWS	360	23.6	12.3	18.0	+1.2	28.4	12	3.9	26	210	11	+110	96	28	259
New Plymouth Aero AWS	28	23.5	15.0	19.3	+1.7	27.5	22	7.6	25	93	12	+17	37	28	313
Lower Retaruke CWS	233	25.2	13.0	19.1	+1.4	..	..	6.9	2	166	13	+72	61	28	..
Mt Ruapehu, Chateau E	1097	19.7	9.1	14.4	+1.9	23.9	31	2.0	2	106	14	-66	22	28	..
Pahiatua EWS	110	24.1	12.8	18.5	+1.5	30.7	19	4.1	7	23	8	..	9	28	..
Masterton Aero AWS	105	25.7	12.4	19.1	+1.2	32.6	21	4.4	7

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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 EWS	90	26.5	12.4	19.5	+1.7	34.4	21	4.0	7	5	4	..	3	6	257
Masterton, Te Ore Ore	110	26.9	13.1	20.0	+1.3	32.8	18	4.5	7	4	4	-48	2	6	..
Takapau Plains AWS	346	23.2	12.3	17.8	+1.1	30.5	19	..	..	..	..	..	..	..	..
Dannevirke EWS	207	24.0	13.6	18.8	+1.7	30.8	19	6.2	26	50	15	-31	13	28	198
Cape Turnagain AWS	285	19.4	14.3	16.9	+1.0	25.8	20	10.1	1	56	12	..	12	5	..
Akitio EWS	245	21.7	13.9	17.8	+1.6	28.4	20	7.7	7	58	13	..	12	18	258
Castlepoint AWS	120	22.3	15.3	18.8	+1.2	29.4	20	10.9	7	35	9	-47	10	5	..
Baring Head	79	21.5	15.3	18.4	..	28.4	22	11.7	26	7	4	..	2	6	..
Te Wharau, Brackenfie	292	24.2	11.3	17.8	+1.1	28.9	21	3.4	..	19	..	-66	..	..	..
Martinborough EWS	20	25.7	13.4	19.6	+1.7	31.9	21	4.3	7	33	5	-12	30	22	223
Ngawi AWS	8	24.4	16.5	20.5	+1.8	31.9	21	10.4	7	24	9	-38	7	31	..
Hicks Bay AWS	46	23.3	16.7	20.0	+1.2	25.6	31	11.9	8	..	..	..	..	..	..
Gisborne Aero AWS	5	25.2	15.7	20.5	+1.1	29.8	9	8.8	8	105	13	+39	22	16	217
Gisborne EWS	12	26.0	15.3	20.7	+0.6	31.1	13	9.5	8	77	15	+6	14	16	..
Tolaga Bay WXT AWS	15	22.8	15.7	19.3	+0.9	29.9	14	9.6	8	209	16	..	58	16	..
Tutira CWS	235	23.6	14.6	19.1	+1.0	29.8	20	9.1	7	197	14	+107	79	28	..
Napier Aero AWS	3	25.5	15.0	20.3	+1.2	33.0	14	9.6	7	139	14	+75	60	28	..
Napier EWS	7	25.7	16.6	21.2	..	..	..	10.6	7	135	12	+76	59	28	..
Maraekakaho CWS	150	25.5	13.3	19.4	..	31.9	14	7.8	7	63	13	..	30	28	..
Hastings AWS	16	26.1	14.6	20.4	+0.9	33.6	14	8.9	26	..	..	..	..	..	..
Whakatu EWS	5	25.2	13.2	19.2	+1.3	32.1	14	7.2	7	122	12	+76	45	28	..
Waipawa EWS	130	24.8	12.2	18.5	+0.5	31.3	20	6.0	26	78	11	+13	30	5	194
Wairoa, North Clyde E	15	26.8	15.8	21.3	+1.9	32.6	13	10.6	8	128	9	+41	32	15	..
Wairoa Aero AWS	13	25.2	15.0	20.1	+1.2	31.3	13	9.8	8	151	12	..	42	29	..
Mahia Radar WXT AWS	419	19.8	14.6	17.2	+0.5	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	21.8	16.2	19.0	+0.6	28.4	23	12.9	8	116	13	+62	27	15	..
Cape Kidnappers WXT A	113	21.9	17.3	19.6	+1.4	27.9	14	12.4	29	..	..	..	..	..	..
Paraparaumu Aero	5	23.1	13.6	18.4	+1.0	..	..	..	..	49	9	-11	18	27	273
Paraparaumu Aero AWS	8	23.0	14.9	19.0	+1.6	27.8	22	6.7	7	51	11	-3	23	27	288
Paraparaumu Aero EWS	5	23.4	14.9	19.2	..	28.0	22	6.7	7	44	8	-8	20	27	280
Ohakea AWS	47	24.1	14.5	19.3	+1.3	29.1	19	8.5	25	32	14	..	13	28	..
Palmerston North Aero	39	24.9	14.1	19.5	+1.5	30.4	19	6.6	26	29	10	-29	13	28	..
Palmerston North EWS	21	25.1	14.7	19.9	+2.0	31.0	19	8.4	7	24	8	-35	13	28	253
Levin AWS	15	24.1	14.6	19.4	+1.7	28.8	22	7.7	25	36	9	-30	16	27	..
Levin EWS	23	24.6	14.0	19.3	..	28.9	18	7.2	25	27	7	..	13	27	251
Mana Island AWS	110	20.9	15.5	18.2	+2.1	24.9	22	10.4	7	17	8	..	10	27	..
Porirua, Elsdon Park	7	22.8	15.4	19.1	..	27.3	22	7.5	7	30	10	..	15	27	262
Wellington, Kelburn A	125	22.1	14.9	18.5	+1.5	28.8	22	9.6	7	31	10	-48	13	5	265
Wellington Aero	4	23.4	16.0	19.7	+1.9	29.6	22	9.9	7	12	8	-48	4	27	..
Wellington, Greta Poi	3	25.9	17.6	21.8	+3.8	32.1	22	12.5	7	14	6	..	4	5	..
Wellington Aero Backu	4	23.4	16.1	19.8	+2.1	29.7	22	9.9	7	12	8	-48	5	27	..
Upper Hutt, Trentham	50	23.6	13.4	18.5	+1.4	28.6	21	4.8	7	25	9	-26	11	27	262
Stratford EWS	280	21.9	12.4	17.2	+1.0	25.8	16	6.6	25	74	12	-35	23	28	239
Maniaia, Motumate Stm	105	24.7	14.3	19.5	..	30.1	18	6.2	25	..	..	..	..	..	..
Hawera AWS	100	22.5	14.2	18.4	+1.7	28.7	19	6.6	25	55	14	-16	22	28	..
Ohakune EWS	607	23.0	11.4	17.2	+1.5	28.0	17	5.3	2	128	12	+31	31	28	..
Waiouru Aero AWS	820	20.8	9.6	15.2	+1.4	25.5	20	2.4	2	120	17	..	39	28	..
Waiouru EWS	803	20.7	9.6	15.2	..	24.9	10	3.0	2	114	14	+19	29	28	..
Taihape Rec	433	24.4	11.7	18.1	+1.2	29.0	10	5.0	26	102	13	+34	30	15	..
Flat Hills WXT AWS	262	23.2	13.7	18.5	+1.5	28.9	19	7.4	26	59	14	-3	18	28	..
Whanganui, Spriggens	15	24.7	15.9	20.3	+2.0	31.1	19	10.6	25	34	8	-24	11	28	..
Whanganui Aero AWS	14	23.8	15.3	19.6	+1.6	30.3	19	9.0	25	46	13	-5	14	28	..
Wanganui 2 AWS	18	25.5	15.1	20.3	+1.8	32.0	19	9.0	25	..	..	..	..	..	..
Takaka EWS	20	24.9	12.2	18.6	+1.2	29.6	9	7.5	1	91	8	-51	42	18	311
Farewell Spit AWS	3	25.1	15.8	20.5	+2.3	29.0	22	12.0	24	64	7	-27	36	18	..
Westport Aero AWS	5	20.7	13.6	17.2	+0.8	23.3	12	8.8	25	175	18	+12	46	26	..
Westport EWS	6	21.0	13.0	17.0	..	23.8	17	8.2	25	161	16	..	45	26	292
Arapito EWS	3	23.0	12.9	18.0	+1.7	27.2	22	6.6	25	129	14	-48	32	26	..
Hokitika Aero	39	20.6	12.4	16.5	+0.7	24.5	21	6.8	25	343	14	+86	75	18	264
Hokitika Aero AWS	40	20.6	12.4	16.5	+0.8	24.5	21	6.8	25	359	16	+151	73	18	287
Hokitika EWS	39	20.5	12.2	16.4	..	24.4	21	6.6	25	331	15	..	72	18	..
Reefton EWS	198	24.4	11.5	18.0	+0.7	29.0	12	4.3	25	177	13	+38	54	21	262
Greymouth Aero EWS	5	21.4	12.9	17.2	+1.4	25.6	21	7.5	25	194	18	-19	43	26	258

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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		
Pigeon Creek CWS	105	21.9	12.1	17.0	+1.0	27.4	29	6.0	16	320	16	..	79	26	..
Mt Philistine EWS	1655	10.4	4.4	7.4	+0.5	18.3	30	-2.2	24	690	16	..	162	18	..
Mahanga EWS	1995	10.9	3.9	7.4	+0.6	17.6	30	-4.4	24	193	15	..	42	26	..
Ivory Glacier CWS	1390	12.2	6.1	9.2	..	19.9	30	-0.2	24	1042	15	+409	295	18	..
Okarito EWS	1	20.2	11.9	16.1	..	22.8	21	6.1	25	365	15	..	90	22	..
Franz Josef EWS	80	20.9	11.3	16.1	+0.9	25.3	21	5.2	25	497	16	+84	102	22	207
Lake Moeraki EWS	10	19.4	10.2	14.8	..	23.9	29	5.3	25	496	20	..	147	19	..
Haast AWS	1	18.8	10.8	14.8	+0.1	23.4	29	5.0	1	449	23	+193	117	19	..
Milford Sound AWS	3	19.2	11.1	15.2	+0.1	24.1	18	6.1	24	1011	17	+344	330	19	..
Milford Sound EWS	3	18.8	10.8	14.8	..	24.1	18	5.9	24	997	25	..	306	19	..
Castle Mount EWS	2000	8.5	0.8	4.7	+0.5	14.2	7	-6.5	24	608	21	..	201	26	..
Secretary Island AWS	19	18.1	11.6	14.9	+0.1	..	..	6.5	24	..	..	..	..	..	..
Puysegur Point AWS	45	17.4	12.1	14.8	+0.9	22.8	10	7.0	24	254	25	+29	39	19	..
Stephens Island AWS	188	20.3	14.7	17.5	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	25.7	13.2	19.5	+1.6	31.6	20	7.1	24	34	7	-49	13	18	..
Pelorus Sd, Crail Bay	13	23.9	15.4	19.7	+1.7	28.5	21	10.9	24	50	9	-72	14	26	..
Nelson Aero	2	24.0	14.7	19.4	+1.3	28.0	27	8.4	24	48	7	-25	16	22	..
Appleby 2 EWS	18	25.0	11.8	18.4	+1.5	29.5	12	4.8	25	41	7	-33	11	22	315
Richmond EWS	1	23.7	13.7	18.7	+0.6	27.8	27	6.8	24	56	6	..	20	5	319
Nelson Aero AWS	6	23.5	15.0	19.3	+1.1	27.6	12	9.1	24	52	9	-6	19	22	..
Blenheim Research EWS	4	24.8	13.3	19.1	+1.0	..	..	..	..	7	4	-36	4	22	317
Wairau Valley, Mill R	172	25.7	12.7	19.2	+1.1	31.3	13	7.5	26	15	6	-83	5	22	..
Blenheim Aero AWS	36	25.9	12.7	19.3	+1.3	31.4	22	6.3	24	15	6	-33	7	22	..
Brothers Island AWS	68	19.7	15.1	17.4	+1.0	..	..	..	..	..	..	..	..	..	..
Grassmere Salt Works	2	24.5	16.6	20.6	+2.1	31.0	27	10.2	7	8	5	-28	4	5	..
Cape Campbell AWS	6	20.3	14.9	17.6	+1.2	25.8	27	10.5	24	12	7	-30	6	5	..
Boyle River Lodge	600	24.9	9.7	17.3	+1.5	..	..	..	..	107	15	-36	35	26	..
Hanmer Forest EWS	363	27.2	9.6	18.4	+2.4	35.1	13	1.3	25	12	6	-58	3	21	..
Kaikoura, Middle Cree	5	22.7	11.5	17.1	+1.1	31.7	20	5.3	24	..	..	..	..	..	..
Kaikoura AWS	108	22.5	14.1	18.3	+1.7	31.3	19	8.7	24	67	8	+20	28	5	..
Arthurs Pass	745	19.3	9.3	14.3	+1.0	27.1	30	1.9	25	459	15	+46	110	26	..
Arthurs Pass EWS	745	19.3	9.0	14.2	+1.0	27.4	30	1.7	25	463	15	..	118	19	..
Arthurs Pass AWS	743	18.5	9.1	13.8	+0.9	26.5	30	1.9	25	518	16	..	131	19	..
Culverden AWS	181	24.5	11.8	18.2	+1.2	30.1	19	4.5	24	9	6	-34	5	5	..
Medbury CWS	232	25.2	10.3	17.8	+0.7	30.3	8	2.0	25	10	4	..	5	5	..
Balmoral East CWS	172	25.1	10.8	18.0	..	31.5	22	3.5	25	3	3	..	2	21	..
Waipara North Branch	497	23.5	8.9	16.2	..	29.1	31	-0.2	25	24	8	..	12	5	..
Waiatu School CWS	136	26.5	11.4	19.0	+0.9	33.6	8	4.3	25	9	5	-50	6	5	..
Cheviot EWS	75	25.2	11.4	18.3	+1.3	34.5	19	2.3	24	7	6	-30	5	5	286
Upper Rakaia EWS	1752	11.9	5.0	8.5	+1.1	18.2	30	-2.4	24	319	19	+34	69	26	..
Mt Potts EWS	2128	11.0	3.0	7.0	+0.4	15.9	12	-5.1	24	..	..	..	..	..	..
Mt Cook EWS	730	21.4	9.0	15.2	+0.6	26.5	7	2.0	24	533	15	+114	193	19	229
Mueller Hut EWS	1818	11.7	4.6	8.2	+0.8	17.2	7	-3.0	24	830	16	..	278	19	..
Mt Cook Aero AWS	656	22.6	8.9	15.8	+0.9	28.1	12	1.7	25	260	14	..	87	19	..
Cass EWS	571	22.9	9.6	16.3	..	28.7	30	-0.7	25	57	9	..	24	26	..
Methven CWS	313	23.0	11.6	17.3	+1.1	29.4	13	3.9	24	44	10	-28	15	23	..
Te Pirita at Sharland	208	22.9	11.6	17.3	..	29.9	13	5.0	24	23	9	..	13	23	..
Winchmore 2 EWS	164	23.6	10.6	17.1	..	31.0	20	4.7	24	29	8	-30	15	23	295
Chertsey CWS	108	22.5	11.9	17.2	+0.9	29.5	20	5.9	25	..	..	..	..	..	..
Mayfield at Ruapuna F	325	22.2	10.6	16.4	..	27.7	22	3.3	24	73	11	..	27	23	..
Peel Forest	286	22.8	10.6	16.7	+1.2	..	..	4.9	24	75	17	-30	20	23	..
Lismore, Racemans Hou	168	22.4	11.4	16.9	+1.0	29.3	11	6.4	24	41	9	..	17	23	..
Ashburton Aero AWS	88	23.6	11.7	17.7	+1.5	32.4	11	5.5	24	35	9	-16	16	23	288
Wakanui 2 CWS	53	22.6	11.5	17.1	..	30.6	11	5.9	24	46	8	..	16	18	..
Waipara West EWS	130	25.6	12.0	18.8	+1.4	32.1	8	4.1	24	19	6	-29	9	5	269
Ohoka CWS	39	22.7	12.1	17.4	..	31.2	19	5.7	25	..	..	..	..	..	..
Rangiora EWS	23	23.7	12.3	18.0	+1.3	32.1	20	6.3	25	31	7	-14	13	2	304
Christchurch Aero	37	24.0	12.8	18.4	+1.3	33.7	19	7.6	24	31	9	-11	11	5	297
Christchurch Aero Bac	37	24.2	12.7	18.5	+1.5	34.2	19	7.5	24	28	10	..	10	5	..
Christchurch Gardens	7	24.7	13.8	19.3	+1.8	33.3	19	8.0	24	21	9	-24	9	5	..
Christchurch, Kyle St	6	24.6	14.1	19.4	+1.8	34.0	20	8.5	24	18	8	-25	7	5	..
Christchurch Botanic	17	24.6	13.7	19.2	..	33.2	19	8.0	24	19	9	..	8	5	..
Bromley EWS	3	23.8	14.4	19.1	..	34.3	20	8.3	24	4	6	..	1	15	296

Summary of the records of Temperature, Rainfall and Sunshine January 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	°C	°C	mm	mm	mm	mm	Hrs		
Lincoln, Broadfield E	18	23.6	13.0	18.3	+1.5	33.0	19	7.7	30	35	7	-8	21	23	281
Lincoln, Broadfield E	17	23.8	12.7	18.3	..	33.1	19	7.4	25	36	7	..	21	23	..
Sugar Loaf AWS	496	20.6	11.2	15.9	+1.0	28.0	19	4.9	24	..	..	..	..	..	..
Diamond Harbour EWS	122	23.8	13.4	18.6	+1.8	33.1	19	6.6	24	26	7	..	12	15	290
Akaroa EWS	45	24.6	13.6	19.1	+1.5	33.5	20	6.9	24	18	8	-37	12	23	274
Le Bons Bay AWS	238	20.5	12.7	16.6	+1.2	29.8	20	6.8	24	26	14	-11	9	15	..
Lake Tekapo, Air Safa	762	23.1	7.7	15.4	+0.2	29.2	12	0.4	24	25	8	-18	14	22	..
Lake Tekapo EWS	762	24.1	8.2	16.2	+0.8	30.0	12	0.9	24	24	7	-14	14	22	301
Fairlie AWS	403	21.6	10.5	16.1	+0.9	28.8	11	5.2	24	42	17	..	12	23	..
Pukaki Aerodrome AWS	461	25.8	8.6	17.2	+0.6	33.5	12	0.4	1	41	9	-14	19	22	..
Orari Estate	81	23.6	11.2	17.4	+1.1	34.0	11	5.6	24	42	9	-14	19	23	..
Orari Estate EWS	81	23.7	11.2	17.5	+1.6	33.4	11	5.6	24	42	8	..	20	23	..
Timaru Aero AWS	27	23.0	11.3	17.2	+1.4	33.8	11	5.4	24	32	11	-18	12	23	..
Timaru EWS	17	21.5	12.4	17.0	+1.2	32.5	11	8.0	24	37	7	-13	16	22	..
Otaio @ Springbank ro	14	20.8	11.8	16.3	..	31.8	19	7.2	6	68	7	..	44	15	..
Waimate CWS	39	22.2	12.2	17.2	+1.5	32.1	11	7.6	16	28	7	-24	22	22	..
Oamaru Airport AWS	30	20.5	11.4	16.0	+0.9	30.5	11	4.8	24	31	10	-19	25	22	..
Albert Burn	1280	14.9	6.0	10.5	+0.2	21.5	7	-1.1	1	385	17	+77	107	19	..
Mt Larkins EWS	1900	8.7	2.4	5.6	+0.4	14.3	7	-5.2	24	228	18	..	72	19	..
Eglinton, Knobs Flat	365	20.6	8.0	14.3	+0.2	26.4	7	0.0	15	..	..	..	..	..	..
Tara Hills AWS	485	24.3	9.5	16.9	+0.6	31.5	12	1.4	24	71	13	+26	22	22	..
Wanaka CWS	331	23.2	11.1	17.2	..	28.9	30	3.4	24	73	8	..	24	22	..
Wanaka Aero AWS	352	24.1	11.4	17.8	+0.5	30.8	7	4.2	24	97	7	+42	39	22	..
Windsor EWS	81	22.4	10.2	16.3	+1.0	30.4	11	2.5	24	33	7	-15	28	22	..
Ranfurlly EWS	450	23.8	8.5	16.2	+1.1	29.9	19	-0.2	24	15	5	-42	10	22	..
Oamaru AWS	40	21.4	11.3	16.4	+1.2	32.6	11	5.1	24	31	9	-19	22	22	..
Palmerston	21	21.8	9.2	15.5	+0.6	31.7	11	3.8	24	29	6	-32	17	22	173
Middlemarch EWS	213	23.9	9.1	16.5	+0.9	31.8	19	1.4	24	21	6	-69	7	22	216
Swampy Summit AWS	716	16.7	7.6	12.2	+0.9	25.0	11	0.0	24	..	..	..	..	..	..
Dunedin Aero AWS	2	22.6	9.8	16.2	+0.9	31.3	11	4.2	6	49	9	-18	11	14	..
Dunedin, Musselburgh	4	20.3	12.0	16.2	+1.0	31.2	11	6.8	24	37	12	-34	11	26	230
Oamaru EWS	20	20.7	11.2	16.0	+1.8	31.0	11	4.3	24	25	6	..	23	22	237
Murchison Mtns EWS	1140	13.0	5.7	9.4	+0.3	19.6	7	-0.7	24	411	18	+104	95	19	..
Takahe Valley CWS	895	16.2	2.2	9.2	-0.8	22.2	18	-1.1	24	267	16	..	64	19	..
Te Anau At Park HQ Cw	204	19.5	8.9	14.2	..	25.6	18	3.3	16	..	..	..	..	..	..
Manapouri, West Arm J	178	20.0	9.6	14.8	+0.3	26.7	7	4.4	24	416	19	+50	81	13	..
Manapouri Aero AWS	209	21.3	8.2	14.8	+0.1	26.3	18	1.4	24	118	15	+29	31	19	..
Birchwood WXT AWS	149	20.0	10.1	15.1	+0.8	26.8	19	4.7	24	117	13	..	32	13	..
Queenstown EWS	322	23.7	11.3	17.5	..	29.1	7	4.6	24	71	11	..	19	22	..
Queenstown Aero AWS	357	22.1	10.3	16.2	+0.3	27.0	8	2.8	24	65	11	-7	18	19	230
Five Rivers CWS	260	21.4	9.0	15.2	+0.7	26.7	11	2.7	16	105	12	..	40	13	..
Lumsden AWS	194	21.4	9.1	15.3	+0.5	27.1	22	2.8	25	116	17	+29	41	13	..
Waipounamu CWS	152	21.9	8.9	15.4	+0.5	28.3	19	3.1	16	82	14	..	34	13	..
Cromwell EWS	213	25.8	10.3	18.1	+0.2	32.1	12	1.3	24	36	5	-11	10	22	262
Lauder EWS	375	24.7	9.3	17.0	+0.7	30.3	12	0.2	24	36	8	-17	21	22	..
Ophir 2	305	24.5	7.9	16.2	+0.4	29.3	12	-1.0	24	21	6	-27	16	22	..
Alexandra	150	26.3	11.3	18.8	+0.7	31.7	22	2.4	24	24	5	-23	10	22	253
Clyde 2 EWS	170	26.2	9.9	18.1	+0.6	32.2	21	1.1	24	26	6	-21	10	22	..
Alexandra AWS	231	24.9	10.3	17.6	+0.6	30.5	8	1.5	24	28	5	..	12	22	..
Alexandra EWS	132	25.6	11.2	18.4	..	31.5	22	2.4	24	21	5	..	9	22	254
Roxburgh WXT AWS	160	22.5	11.2	16.9	+0.8	29.9	22	5.1	16	..	..	..	..	..	..
Tapanui EWS	180	22.3	9.4	15.9	..	30.2	19	4.0	16	99	13	..	34	22	..
Gore AWS	123	20.6	10.1	15.4	+0.9	29.3	19	4.0	24	97	18	+4	25	13	..
Gore EWS	60	21.1	9.4	15.3	..	29.8	19	3.7	24	81	14	..	22	13	202
Invercargill Aero	1	19.5	10.1	14.8	+0.6	..	..	..	..	104	21	+1	19	13	188
Invercargill Aero AWS	3	19.4	10.4	14.9	+0.7	28.1	19	5.4	24	110	24	+21	18	13	..
Invercargill Aero 2 E		19.2	9.4	14.3	+0.2	..	..	..	..	..	..	..	..	..	..
Tiwai Point EWS	5	18.9	11.6	15.3	+0.8	26.5	19	7.2	24	78	23	-21	13	13	..
Stewart Island EWS	3	19.0	10.6	14.8	..	25.3	13	3.4	24	139	24	..	36	13	..
Balclutha, Telford Ew	11	22.1	10.0	16.1	+1.9	30.7	19	4.6	24	70	13	+1	31	13	183
Balclutha, Finegand E	6	22.3	10.4	16.4	..	30.4	19	4.9	24	63	14	..	31	13	..
Nugget Point AWS	131	19.3	10.8	15.1	+1.0	28.5	13	4.4	24	81	14	+8	28	13	..
Tautuku EWS	25	20.1	10.3	15.2	..	29.8	19	4.7	24	97	17	..	21	22	..

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

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	mm	Hrs	
South West Cape AWS	103	16.7	10.5	13.6	+0.5	22.2	10	5.0	24	117	25	+8	24	22	..
Solomon, Taro Is	3	32.5	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.8	..	..	..	..	22.2	21	..	..	..	..	..	..
Solomon, Honiara	56	32.2	24.9	28.6	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.6	24.7	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	25.5	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Pekoa	56	31.5	23.7	27.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	31.4	23.1	27.3	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	31.9	23.5	27.7	..	33.6	11	22.3	10	..	..	..	..	..	..
New Cal, Oulop	7	30.7	24.1	27.4	..	..	..	..	..	..	..	..	..	..	..
New Cal, Ouanaham	29	30.6	23.3	27.0	..	31.9	10	17.6	27	..	..	..	..	..	..
New Cal, La Roche	42	30.8	21.6	26.2	..	33.1	21	14.8	27	..	..	..	..	..	..
New Cal, La Tontouta	14	34.4	22.4	28.4	..	38.3	1	19.3	27	..	..	..	..	..	..
New Cal, Nouma	72	33.5	24.1	28.8	..	..	..	..	..	..	..	..	..	..	..
New Cal, Moue	97	29.8	22.7	26.3	..	31.1	22	18.4	27	..	..	..	..	..	..
Kiribati, Butaritari	2	32.4	26.3	29.4	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Tarawa	2	..	26.3	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	..	26.2	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	33.1	27.5	30.3	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	26.1	..	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	32.2	23.9	28.1	..	34.3	13	21.8	29	..	..	..	..	..	..
Fiji, Nausori Aero	6	32.0	24.0	28.0	..	34.5	22	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	31.9	25.8	28.9	..	33.1	29	23.3	28	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	32.3	25.6	29.0	..	33.7	31	24.2	6	121	27	..	36	25	..
Samoa, Faleolo	4	32.1	25.3	28.7	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.2	24.6	27.9	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	32.2	26.8	29.5	..	33.6	30	24.0	16	468	24	..	82	19	..
Tonga, Lupepauu	67	30.1	23.5	26.8	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	30.1	26.0	28.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	29.9	23.8	26.9	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	29.8	23.9	26.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	24.8	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.4	24.7	28.6	..	35.3	27	23.2	9	42	13	..	24	1	..
Society Is, Mopelia		30.4	25.2	27.8	..	32.0	31	23.3	5	..	..	..	..	..	..
Tahiti - Faaa	1	31.0	25.2	28.1	..	..	..	22.9	21	202	20	..	84	10	..
Tuamotu, Takarua	2	32.1	26.6	29.4	..	33.1	21	24.6	27	..	..	..	..	..	..
Gambier, Rikitea	91	27.9	23.4	25.7	..	29.9	4	21.9	7	149	21	..	69	29	..
Tubuai	2	27.6	22.7	25.2	..	29.2	1	19.2	28	..	..	..	..	..	..
Rapa	1	25.4	21.7	23.6	..	27.8	4	17.6	28	203	20	..	44	18	..
Raoul Island AWS	50	26.9	21.6	24.3	+1.7	29.6	4	18.5	30	149	24	+28	45	19	177
Enderby Is AWS	39	13.0	8.7	10.9	..	14.8	30	3.4	24	155	28	..	38	26	..
Campbell Island AWS	16	11.7	6.9	9.3	-0.3	15.4	19	-0.9	10	200	28	+75	29	22	..
Chatham Island Aero A	12	20.8	14.5	17.7	+2.0	24.0	12	7.8	17	110	14	+61	33	22	..
Georg Von Neumayer	40	-1.7	-9.9	-5.8	..	2.1	31	-17.0	30	..	..	..	..	..	..
Ant South Pole	2827	-29.6	-32.5	-31.1	..	-23.5	2	-38.3	27	..	..	..	..	..	..
Halley Bay	30	-3.4	-8.4	-5.9	..	..	..	..	..	..	..	..	..	..	..
Gen Belgrano 2	256	0.5	-6.8	-3.2	..	5.7	10	-11.6	28	..	..	..	..	..	..
Bellingshausen	16	1.5	0.0	0.8	..	4.3	11	-1.4	15	..	..	..	..	..	..
Base Jubany	4	4.0	0.0	2.0	..	6.5	2	-2.2	23	..	..	..	..	..	..
V C Marambio	198	1.9	-3.1	-0.6	..	9.3	4	-6.5	26	..	..	..	..	..	..
Eduardo Frei	10	-1.1	-3.2	-2.2	..	0.9	6	-5.2	17	..	..	..	..	..	..
Arturo Prat		2.2	0.4	1.3	..	3.9	1	-0.9	25	..	..	..	..	..	..
Bernado Ohiggins	10	1.8	-0.8	0.5	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	3.3	0.4	1.9	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	2.8	-0.1	1.4	..	4.4	9	-1.2	29	..	..	..	..	..	..
Argentine Is, Faraday	11	3.3	0.2	1.8	..	5.6	26	-1.3	13	..	..	..	..	..	..
Gen San Martin	4	4.7	-0.3	2.2	..	7.9	31	-2.9	16	..	..	..	..	..	..
Novolax Arevskaja	99	1.7	-4.4	-1.4	..	4.6	19	..	..	..	..	..	..	..	..
Syowa	21	0.3	-5.1	-2.4	..	4.1	17	-8.5	9	..	..	..	..	..	..
Mawson	16	2.7	-3.5	-0.4	..	..	..	-5.3	6	..	..	..	..	..	..
Davis	13	3.5	-2.1	0.7	..	..	..	-3.5	22	..	..	..	..	..	..
Progress	64	2.2	-2.0	0.1	..	6.4	28	-4.7	3	..	..	..	..	..	..
Mirnyj	30	1.1	-5.0	-2.0	..	..	..	..	..	..	..	..	..	..	..

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

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine Hrs
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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		
Vostok	3420	-30.0	-39.8	-34.9	-45.5	21	
Casey	41	1.6	-3.8	-1.1	..	..	..	-7.4	26	..	..	..	..	..
Wilkins Runway East	755	-3.4	-10.4	-6.9	..	..	..	..	..	..	..	..	..	..
Durmout Durville	43	1.1	-4.6	-1.8	..	3.8	1	-7.0	31	..	..	..	..	..
Mcmurdo	24	-0.9	-6.4	-3.7	..	..	..	..	..	..	..	..	..	..
Arrival Heights EWS	187	-2.7	-7.9	-5.3	..	1.8	10	-11.8	26	..	..	..	..	..
Scott Base 2 EWS	42	-1.7	-7.7	-4.7	..	2.2	7	-14.7	27	..	..	..	..	..
Casey, Skiway South	392	1.5	-8.0	-3.3	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	31.5	21.6	26.6	..	35.6	2	18.5	30	531	28	..	69	11	
Mangatawhiri Dam Ews	151	25.3	13.4	19.4	..	..	..	..	..	..	..	..	..	..
Skid Site Ews	415	22.4	13.0	17.7	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for December 2023															
Kaitaia Aero EWS	80	22.6	15.9	19.3	+1.3	26.4	21	9.2	1	152	17	+54	46	5	
Auckland, Henderson N	7	24.0	15.2	19.6	+1.1	27.9	31	8.6	9	157	17	+58	61	29	
Waiheke Island, Awaro	34	23.6	14.6	19.1	+1.1	27.5	30	..	..	115	15	+19	30	31
Auckland Aero	7	22.9	16.3	19.6	+1.1	28.3	31	11.1	9	147	15	+65	62	29	
Pureora Forest CWS	549	20.0	11.3	15.7	+1.8	24.9	27	..	..	..	..	..	..	..
Pahiatua EWS	110	21.7	12.4	17.1	+1.6	26.9	23	4.1	11	75	16	..	16	10	
Palmerston North EWS	21	22.6	14.1	18.4	+1.9	28.0	23	7.8	13	89	13	-1	25	24	
Wellington Aero	4	20.3	14.1	17.2	+0.7	24.6	23	7.6	11	42	15	-25	12	12	
Boyle River Lodge	600	22.7	9.9	16.3	+2.2	29.0	20	..	..	180	21	+0	24	2
Mt Somers, Somer Down	372	20.8	9.6	15.2	..	30.0	20	4.6	11	60	20	-52	11	12	
Christchurch Aero	37	21.6	11.7	16.7	+1.0	31.0	29	6.5	11	34	13	-14	7	26	
Middlemarch EWS	213	22.1	8.8	15.5	+1.2	..	..	..	..	..	..	..	..	..
Lauder EWS	375	23.8	9.5	16.7	+1.9	29.6	20	2.4	5	24	6	-27	9	25	
Ettrick No.2	91	22.5	9.1	15.8	+0.9	32.0	20	1.0	5	39	11	-23	10	24	
Late returns and corrections for November 2023															
Kaitaia Aero EWS	80	20.3	12.0	16.2	+0.3	23.8	17	8.1	13	83	12	+16	26	18	
Tiri Tiri Lighthouse	76	19.4	11.8	15.6	-0.3	22.9	21	9.3	7	58	20	+0	29	3	
Mt Somers, Somer Down	372	18.0	6.3	12.2	..	26.5	22	1.1	18	94	15	-8	23	28	
Late returns and corrections for October 2023															
Kaitaia Aero EWS	80	18.8	11.9	15.4	+0.8	21.9	26	4.3	4	93	17	+9	24	29	
Chertsey CWS	108	16.7	6.1	11.4	+0.2	21.2	25	-0.5	28	49	9	-5	19	16	
Late returns and corrections for September 2023															
Kaitaia Aero EWS	80	17.8	10.8	14.3	+0.9	22.0	20	6.1	13	108	18	+10	44	23	
Hokitika Aero	39	14.9	6.8	10.9	+1.0	..	..	..	..	248	19	+3	59	22
Chertsey CWS	108	15.6	6.0	10.8	+1.6	22.9	20	-0.4	26	38	6	-20	28	22	
Late returns and corrections for August 2023															
Kaitaia Aero EWS	80	15.2	7.3	11.3	-1.1	18.4	31	2.7	29	85	20	-37	25	19	
Late returns and corrections for July 2023															
Kaitaia Aero EWS	80	15.8	9.7	12.8	+0.6	17.0	7	2.5	29	140	24	-12	42	20	
Late returns and corrections for June 2023															
Kaitaia Aero EWS	80	16.5	8.6	12.6	-0.4	19.0	2	4.1	11	200	20	+80	63	21	
Pigeon Creek CWS	105	12.4	3.8	8.1	+1.0	17.8	22	-3.6	10	147	19	..	68	1	
Cass EWS	571	9.8	-1.8	4.0	..	..	..	..	..	42	16	..	18	1
Late returns and corrections for May 2023															
Kaitaia Aero EWS	80	19.1	13.0	16.1	+1.0	22.4	1	6.7	16	357	27	+218	91	3	
Pigeon Creek CWS	105	14.7	7.8	11.3	+1.7	22.2	1	0.8	16	514	26	..	70	26	
Late returns and corrections for April 2023															
Kaitaia Aero EWS	80	21.5	15.3	18.4	+1.2	24.3	14	8.3	5	125	14	+29	47	21	

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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