



# Climate Database Statistics Report

January 2022

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 2022

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		
Cape Reinga AWS	213	23.8	17.3	20.6	+1.6	26.3	12	15.3	16	22	9	-36	9	31	..
Kaitaia Aero EWS	80	26.0	16.0	21.0	+1.6	30.0	4	12.1	22	31	9	-38	8	26	..
Kaitaia Aero AWS	77	26.2	15.7	21.0	..	30.0	4	12.0	22	49	11	..	10	26	..
Kaitaia EWS	85	26.0	16.4	21.2	+1.8	28.7	4	13.4	22	28	8	-61	9	7	235
Kerikeri EWS	79	25.4	15.4	20.4	+1.2	28.5	5	11.6	22	71	9	-41	25	7	..
Kerikeri Aerodrome Aw	149	24.9	15.0	20.0	+0.9	28.8	5	12.4	22	117	11	-5	29	7	..
Kaikohe AWS	204	24.7	14.9	19.8	+1.2	29.2	4	12.2	13	37	11	-73	12	31	..
Trounson CWS	244	24.9	14.1	19.5	..	27.9	26	10.7	22	22	6	-83	15	26	..
Dargaville 2 EWS	66	25.6	15.6	20.6	+1.5	27.6	10	12.0	22	17	6	-54	13	26	255
Purerua AWS	87	24.2	16.8	20.5	..	..	..	13.7	1	49	10	..	25	8	..
Russell CWS	15	24.8	14.7	19.8	..	29.0	17	9.9	22	51	11	..	17	26	..
Whangarei Aero AWS	38	25.6	17.0	21.3	+1.3	28.9	5	13.3	22	34	10	-44	10	7	..
Whangarei EWS	12	26.0	15.2	20.6	..	29.3	19	10.6	22	24	10	..	5	7	232
Mokohinau AWS	70	23.1	18.9	21.0	+1.2	..	..	17.6	1	..	..	..	..	..	..
Leigh 2 EWS	27	26.3	17.7	22.0	+2.5	29.7	18	14.6	21	16	6	-57	10	25	..
Warkworth EWS	72	25.4	14.5	20.0	+1.5	28.5	19	10.0	22	24	6	-62	15	26	..
Whangaparaoa AWS	100	25.7	17.2	21.5	+1.9	..	..	15.5	1	..	..	..	..	..	..
Tiri Tiri Lighthouse	76	24.3	16.4	20.4	+1.1	27.6	10	12.6	14	7	9	-55	2	24	..
Auckland, Whenuapai A	26	26.1	15.0	20.6	+1.6	30.1	4	10.6	22	6	5	..	4	24	..
Auckland, North Shore	64	25.6	16.2	20.9	..	27.8	4	12.0	22	5	5	..	2	24	306
Auckland, Henderson N	7	27.6	15.2	21.4	+1.7	31.8	4	11.2	22	8	4	-74	4	24	..
Auckland, Sky tower	342	19.0	13.6	16.3	..	22.7	4	9.2	27	..	..	..	..	..	..
Auckland, Motat EWS	16	26.0	16.3	21.2	..	28.6	4	12.3	22	3	2	..	2	24	322
Waiheke Island, Awaro	34	26.4	16.0	21.2	..	..	..	12.5	19	..	..	..	..	..	..
Whitianga Aero AWS	5	25.4	15.1	20.3	+1.4	29.2	17	11.9	19	..	..	..	..	..	..
Whitianga EWS	1	26.7	14.9	20.8	..	31.4	18	10.8	23	40	10	..	25	25	..
Thames 2	3	26.3	15.2	20.8	+1.4	..	..	..	..	..	..	..	..	..	..
Paeroa AWS	19	28.0	13.9	21.0	+1.4	31.1	5	9.2	17	21	4	-61	15	25	..
Matamata, Hinuera EWS	85	27.8	12.4	20.1	+2.0	31.4	18	8.0	21	23	6	..	9	24	..
Tauranga CWS	3	25.2	15.0	20.1	..	..	..	..	..	..	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	324
Tauranga Aero AWS	5	26.0	16.4	21.2	+1.7	29.8	17	12.7	28	26	5	-52	18	25	344
Te Puke EWS	123	26.3	14.7	20.5	+2.2	30.6	1	9.2	28	45	5	-61	24	25	..
Whakatane Aero AWS	8	26.0	14.8	20.4	+1.5	29.8	17	8.4	14	36	4	-39	17	25	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	343
Whakatane EWS	1	25.9	14.8	20.4	..	29.5	10	7.2	28	39	4	..	25	25	..
Mamaku Radar WXT AW	817	22.0	12.5	17.3	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	28.7	14.4	21.6	..	33.1	3	8.5	28	..	..	..	..	..	299
Rotorua EWS	288	26.2	12.8	19.5	..	30.8	3	8.7	14	19	4	..	9	25	335
Rotorua Aero AWS	286	25.2	12.0	18.6	+0.9	28.1	18	6.3	14	24	4	-68	13	25	..
Galatea AWS	175	26.5	12.5	19.5	..	31.7	3	4.9	14	20	5	..	14	25	..
Taupo CWS	360	27.8	11.3	19.6	..	33.2	4	5.4	28	..	..	..	..	..	..
Tarapounamu EWS	701	20.5	9.7	15.1	..	26.4	5	5.8	7	33	4	..	14	24	..
Taupo AWS	402	25.4	10.6	18.0	+0.9	29.8	4	3.2	28	4	4	-74	3	25	..
Motu EWS	488	22.8	11.3	17.1	+1.6	28.5	5	3.5	8	48	9	-83	19	25	..
Auckland, Mangere 2 E	16	25.5	16.9	21.2	..	28.0	4	13.1	22	5	5	..	2	24	312
Auckland Aero	7	26.2	16.9	21.6	+1.8	28.5	26	14.7	17	9	8	-57	4	23	..
Auckland Aero Backup	7	26.2	17.0	21.6	..	28.9	26	14.6	29	9	7	..	3	23	..
Ardmore Aero AWS	41	26.2	14.5	20.4	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	26.4	15.0	20.7	+2.1	30.2	4	10.8	21	6	9	-67	2	23	..
Firth Of Thames EWS	3	27.2	13.1	20.2	..	30.6	4	9.4	22	14	4	..	7	25	302
Whatawhata 2 EWS	118	26.8	13.8	20.3	+2.0	30.5	4	10.1	28	10	7	-88	6	24	..
Hamilton, Ruakura 2 E	45	27.3	13.3	20.3	+1.9	31.4	4	8.0	21	6	3	-73	5	24	312
Hamilton AWS	53	27.4	12.2	19.8	+1.5	31.2	4	7.8	21	6	3	-76	5	24	..
Lake Karapiro CWS	55	27.8	15.7	21.8	..	34.7	4	11.5	21	12	7	..	5	6	..
Port Taharoa AWS	18	24.0	16.8	20.4	+1.3	28.9	31	14.0	30	13	8	..	4	26	..
Awakino EWS	400	22.9	13.0	18.0	..	27.7	31	9.1	28	29	7	..	14	25	152
Waikeria EWS	37	27.6	11.6	19.6	..	31.4	4	7.0	21	8	5	..	5	24	310
Te Kuiti EWS	61	27.8	11.1	19.5	+1.2	32.6	4	6.9	28	9	4	-91	5	24	278
Pureora Forest CWS	549	24.1	10.0	17.1	..	30.0	4	5.2	18	3	8	..	2	24	..
Taumarunui EWS	170	28.0	10.4	19.2	..	32.6	4	4.5	28	1	1	..	1	20	..
Taumarunui AWS	186	28.3	10.2	19.3	..	33.1	4	3.0	28	2	4	..	1	20	303
Turangi 2 EWS	360	26.5	9.9	18.2	+1.1	31.0	5	3.2	16	7	4	-102	4	25	334

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		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm		
New Plymouth AWS	28	24.4	13.7	19.1	+1.5	28.8	17	9.4	30	9	3	-84	5	26	359
Lower Retaruke CWS	233	27.1	10.8	19.0	..	31.5	4	4.6	28	10	4	-91	4	26	..
Mt Ruapehu, Chateau E	1097	21.8	6.9	14.4	+2.0	27.3	4	2.0	14	24	6	-165	11	26	..
Pahiatua EWS	110	24.2	11.0	17.6	..	29.0	5	3.0	28	7	6	..	3	25	..
Masterton Aero AWS	105	24.5	10.6	17.6	..	..	..	..	..	..	..	..	..	..	..
Masterton EWS	90	25.6	10.8	18.2	..	31.3	3	4.6	8	21	7	..	7	26	282
Masterton, Te Ore Ore	110	25.1	10.9	18.0	..	30.6	30	4.7	8	23	7	-35	10	26	..
Takapau Plains AWS	346	23.2	10.8	17.0	+0.1	27.6	3	4.8	14	21	10	..	8	24	..
Dannevirke EWS	207	24.1	11.8	18.0	..	28.2	26	5.4	28	4	7	..	1	26	263
Cape Turnagain AWS	285	19.0	14.3	16.7	..	24.9	11	10.5	14	8	5	..	4	12	..
Akitio EWS	245	20.7	13.2	17.0	..	28.0	26	8.1	8	13	5	..	9	12	308
Castlepoint AWS	120	21.5	15.0	18.3	+0.5	..	..	..	..	..	..	..	..	..	..
Baring Head	79	20.6	14.4	17.5	..	..	..	10.2	22	7	5	..	5	19	..
Te Wharau, Brackenfie	292	22.5	10.6	16.6	..	..	..	..	..	..	..	..	..	..	..
Martinborough EWS	20	24.9	11.8	18.4	+0.5	30.2	4	4.5	28	7	4	..	5	19	263
Ngawi AWS	8	24.0	15.0	19.5	+0.8	31.0	4	11.5	8	17	8	..	10	19	..
Hicks Bay AWS	46	23.7	16.7	20.2	+1.7	25.9	5	12.6	22	52	7	-37	39	25	..
Gisborne AWS	5	23.9	14.4	19.2	-0.1	30.8	9	8.1	8	47	9	-12	19	20	225
Gisborne EWS	12	25.4	14.7	20.1	..	31.9	9	9.2	28	51	9	..	22	20	..
Tolaga Bay WXT AWS	15	22.5	15.1	18.8	..	28.5	26	9.2	29	64	13	..	17	25	..
Tutira CWS	235	22.9	12.5	17.7	..	29.3	19	7.2	8	18	10	..	6	6	..
Napier Aero AWS	3	24.4	13.7	19.1	+0.3	32.0	9	8.0	8	23	8	-44	11	23	..
Napier EWS	7	24.6	14.5	19.6	..	30.5	9	9.3	28	14	7	..	11	23	295
Maraekakaho CWS	150	25.1	11.7	18.4	..	30.0	9	4.5	14	5	4	..	3	24	..
Hastings AWS	16	25.2	13.2	19.2	..	..	..	..	..	13	4	..	8	25	..
Whakatu EWS	5	24.5	12.0	18.3	+0.6	29.1	26	5.7	8	7	4	..	6	25	..
Waipawa EWS	130	26.5	10.4	18.5	..	31.7	26	4.1	14	7	6	..	2	25	236
Wairoa, North Clyde E	15	25.3	14.1	19.7	+0.5	32.9	9	9.0	29	24	9	-56	5	6	..
Wairoa Aero AWS	13	23.4	13.3	18.4	..	31.2	9	7.6	29	30	10	..	7	13	..
Mahia Radar WXT AWS	419	19.4	13.8	16.6	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	21.7	15.7	18.7	+0.4	25.7	26	12.1	29	60	10	+3	21	25	..
Cape Kidnappers WXT A	113	21.1	16.7	18.9	..	24.7	26	12.7	28	..	..	..	..	..	..
Paraparaumu Aero	5	22.7	13.4	18.1	+0.8	..	..	..	..	8	5	-58	4	25	328
Paraparaumu Aero AWS	8	22.6	13.2	17.9	+0.7	25.8	2	5.9	15	8	4	-50	4	25	336
Paraparaumu EWS	5	22.2	12.6	17.4	..	25.8	2	5.4	15	6	4	-43	3	25	331
Ohakea AWS	47	23.9	13.2	18.6	..	28.8	4	8.4	28	12	7	..	4	19	..
Palmerston North AWS	39	24.6	12.8	18.7	+0.9	28.5	2	6.4	8	23	9	-32	8	26	..
Palmerston North EWS	21	24.8	13.4	19.1	+1.3	29.6	2	7.0	28	14	5	-49	6	24	277
Levin AWS	15	23.9	12.7	18.3	+0.7	27.8	2	6.8	28	31	8	-38	10	26	..
Levin EWS	23	24.3	12.0	18.2	..	28.1	2	5.8	28	25	5	..	11	26	324
Mana Island AWS	110	20.2	14.4	17.3	..	23.9	4	10.0	8	5	4	..	2	10	..
Porirua, Elsdon Park	7	23.2	13.9	18.6	..	28.0	4	7.7	8	8	5	..	3	25	311
Wellington, Kelburn A	125	21.9	14.2	18.1	+1.2	27.1	4	9.7	8	17	8	-58	5	26	301
Wellington Aero	4	22.3	15.0	18.7	+0.8	28.2	2	10.4	8	11	8	-47	5	19	..
Wellington, Greta Poi	3	23.2	14.9	19.1	..	30.3	2	10.3	8	8	6	..	4	19	..
Wellington Aero Backu	4	22.2	15.0	18.6	..	28.2	2	10.4	8	54	31	..	3	12	..
Upper Hutt, Trentham	50	24.2	11.6	17.9	..	29.6	4	6.0	8	3	3	..	2	25	299
Stratford EWS	280	23.6	11.1	17.4	+1.5	..	..	..	..	..	..	..	..	..	..
Hawera AWS	100	21.8	12.7	17.3	+0.9	25.9	25	7.5	15	11	5	-65	6	19	..
Ohakune EWS	607	23.5	8.4	16.0	+0.6	28.5	4	1.8	14	12	5	-89	6	20	..
Waiouru Treatment Pla	806	23.2	8.5	15.9	+1.8	..	..	..	..	6	3	-76	4	20	..
Waiouru Airstrip AWS	820	22.3	7.9	15.1	..	27.9	4	0.4	28	6	4	..	5	20	..
Waiouru EWS	803	22.9	8.7	15.8	..	27.9	4	2.3	28	6	4	..	4	20	..
Taihape Rec	433	25.9	9.4	17.7	+1.0	31.5	5	2.1	28	15	6	-55	7	24	..
Flat Hills WXT AWS	262	23.3	12.0	17.7	..	..	..	5.4	14	21	5	-53	10	24	..
Whanganui, Spriggens	15	24.5	14.1	19.3	+1.0	29.5	31	8.6	28	6	5	-53	4	19	..
Wanganui AWS	14	23.2	14.2	18.7	+0.8	26.6	31	9.2	16	0	1	-62	0	19	..
Wanganui 2 AWS	18	25.4	13.4	19.4	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	25.6	11.5	18.6	+1.4	30.9	3	7.4	16	16	4	-115	15	25	315
Farewell Spit AWS	3	25.7	15.6	20.7	+2.9	29.4	3	12.9	29	17	5	-75	8	25	..
Westport Aero AWS	5	21.7	13.5	17.6	+1.3	24.9	30	10.1	21	45	11	-113	25	19	..
Westport EWS	6	21.7	13.8	17.8	..	24.2	18	9.7	21	50	11	..	23	19	304
Hokitika Aero	39	21.3	13.1	17.2	+1.6	26.2	2	8.7	27	54	6	-194	42	19	283

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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		
Hokitika AWS	40	21.3	13.1	17.2	+1.5	25.8	2	8.7	27	54	7	-157	41	19	323
Hokitika EWS	39	21.3	12.9	17.1	..	26.1	2	8.3	27	51	6	..	41	19	..
Reefton EWS	198	26.1	12.2	19.2	+2.3	31.2	2	8.2	13	27	7	-119	19	19	281
Greymouth Aero EWS	5	21.7	13.5	17.6	..	24.4	2	9.8	13	52	8	..	30	19	279
Pigeon Creek CWS	105	23.4	12.3	17.9	..	28.6	2	7.9	27	66	7	..	55	19	..
Mt Philistine EWS	1655	13.8	6.3	10.1	..	18.0	31	0.4	20	..	..	..	..	..	..
Mahanga EWS	1995	13.5	5.2	9.4	..	18.2	2	-1.7	27	63	6	..	43	19	..
Ivory Glacier CWS	1390	14.5	7.6	11.1	..	18.2	2	1.6	20	70	5	..	60	19	..
Okarito EWS	1	21.5	12.2	16.9	..	23.8	30	7.4	27	29	3	..	24	19	..
Franz Josef EWS	80	22.6	11.4	17.0	+1.9	25.5	17	6.7	27	42	7	..	23	19	250
Haast AWS	1	19.8	10.5	15.2	+0.5	21.4	17	5.0	27	47	5	..	26	18	..
Milford Sound AWS	3	21.9	11.4	16.7	+1.5	24.6	31	7.8	27	48	5	..	42	18	..
Milford Sound EWS	3	20.9	11.5	16.2	..	23.7	31	7.7	27	48	5	..	43	18	..
Castle Mount EWS	2000	10.3	2.3	6.3	..	15.4	31	-4.1	20	60	14	..	28	18	..
Secretary Island AWS	19	..	12.6	..	..	..	..	..	..	..	..	..	..	..	..
Puysegur Point AWS	45	17.5	12.6	15.1	+1.3	22.5	16	8.3	28	68	16	-173	14	9	..
Stephens Island AWS	188	20.0	14.7	17.4	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	25.3	12.7	19.0	+1.3	..	..	..	..	24	5	-58	23	25	..
Pelorus Sd, Crail Bay	13	23.8	15.0	19.4	+1.5	29.3	4	10.9	21	14	3	-122	10	19	..
Nelson Aero	2	23.6	15.0	19.3	+1.5	28.6	19	10.2	16	32	9	-45	21	25	318
Appleby 2 EWS	18	23.6	11.0	17.3	-0.1	28.5	19	4.5	16	30	6	..	11	20	335
Richmond EWS	1	23.7	13.6	18.7	..	29.6	19	8.7	16	25	7	..	11	25	345
Nelson AWS	6	23.3	14.9	19.1	+1.0	28.3	12	10.8	16	27	9	..	19	25	..
Blenheim Research EWS	4	23.7	12.9	18.3	+0.2	..	..	..	..	13	3	-32	7	25	..
Blenheim Aero AWS	36	25.4	11.3	18.4	+0.4	32.2	19	5.8	7	12	4	-37	8	25	..
Brothers Island AWS	68	20.8	14.9	17.9	+1.5	25.0	30	11.8	8	1	6	..	0	25	..
Cape Campbell AWS	6	19.7	14.9	17.3	+0.5	24.9	19	12.5	7	12	5	-29	5	19	..
Boyle River Lodge	600	27.4	8.8	18.1	+2.6	..	..	..	..	..	..	..	..	..	..
Hamner Forest EWS	363	26.6	8.6	17.6	+1.6	33.3	2	3.3	16	36	11	-26	15	19	..
Kaikoura, Middle Cree	5	20.6	11.1	15.9	..	27.8	3	6.9	15	102	15	..	28	19	..
Kaikoura AWS	108	20.6	13.4	17.0	+0.3	28.5	3	10.2	27	49	11	+10	18	19	..
Arthurs Pass	745	21.9	9.4	15.7	+2.6	26.5	31	4.6	28	39	..	-375	..	..	..
Arthurs Pass EWS	745	21.9	9.1	15.5	+2.2	26.5	31	4.4	28	38	3	-369	38	19	..
Arthurs Pass AWS	743	21.0	9.4	15.2	..	25.6	31	4.6	28	43	6	..	42	19	..
Culverden AWS	181	23.8	11.2	17.5	..	30.3	29	7.2	15	19	9	..	10	19	..
Medbury CWS	232	24.0	10.0	17.0	..	30.9	29	3.7	16	22	7	..	10	19	..
Balmoral East CWS	172	23.4	10.5	17.0	..	30.0	3	5.3	16	92	18	..	16	29	..
Waiiau School CWS	136	25.0	11.3	18.2	..	32.5	29	6.3	16	31	5	..	12	19	..
Cheviot EWS	75	22.7	10.4	16.6	..	31.1	19	4.7	15	43	10	..	11	19	..
Upper Rakaia EWS	1752	13.6	5.6	9.6	..	17.5	17	-1.4	20	39	7	..	32	19	..
Mt Potts EWS	2128	12.7	4.3	8.5	..	18.0	2	-4.2	20	25	5	..	14	19	..
Mt Cook EWS	730	23.9	10.0	17.0	+2.4	29.0	18	4.6	20	33	1	-390	33	19	278
Mt Cook Aero AWS	656	24.2	8.7	16.5	..	29.2	18	2.8	13	22	2	..	22	19	..
Cass EWS	571	24.9	8.9	16.9	..	30.1	3	2.0	15	20	5	..	14	19	..
Methven CWS	313	21.7	10.4	16.1	..	29.2	29	6.2	20	65	12	..	26	19	..
Winchmore 2 EWS	164	22.8	10.9	16.9	..	29.4	19	5.8	15	56	8	..	30	19	266
Chertsey CWS	108	21.4	11.7	16.6	..	28.6	19	5.1	15	50	7	..	20	19	..
Mayfield at Ruapuna F	325	22.2	10.1	16.2	..	28.7	2	5.9	27	80	14	..	19	20	..
Peel Forest	286	21.6	10.0	15.8	+0.2	27.3	29	5.7	27	109	19	+4	34	19	..
Lismore, Racemans Hou	168	21.9	10.8	16.4	..	28.2	2	6.4	15	58	10	..	24	19	..
Ashburton Aero AWS	88	21.9	11.3	16.6	..	28.2	2	5.1	15	68	8	..	35	19	251
Waipara West EWS	130	23.4	11.2	17.3	..	31.8	29	7.1	16	25	8	..	14	19	285
Ohoka CWS		21.2	11.8	16.5	..	30.0	9	6.4	15	23	10	..	8	26	..
Rangiora EWS	23	22.2	12.3	17.3	+0.6	29.9	9	7.4	15	29	8	..	9	26	291
Christchurch Aero	37	22.2	12.5	17.4	+0.2	29.3	9	5.3	15	36	10	+0	14	26	294
Christchurch Aero Bac	37	22.1	12.4	17.3	..	29.1	9	5.1	15	34	9	..	14	26	..
Christchurch Gardens	7	23.5	13.1	18.3	+0.8	..	..	..	..	24	10	-14	11	19	..
Christchurch, Kyle St	6	22.8	13.6	18.2	+0.9	30.6	9	8.7	8	19	7	..	9	19	..
Christchurch Botanic	17	23.2	13.4	18.3	..	30.0	9	8.2	8	21	8	..	10	19	..
Bromley EWS	3	21.5	13.9	17.7	..	27.8	9	8.4	8	13	8	..	8	26	293
Lincoln, Broadfield E	18	21.7	12.7	17.2	+0.3	28.0	19	6.1	15	48	9	+6	21	19	282
Sugar Loaf AWS	496	19.7	10.7	15.2	..	..	..	5.9	21	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine January 2022

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		
Diamond Harbour EWS	122	21.0	13.0	17.0	..	27.7	9	8.8	28	21	10	..	6	26	301
Akaroa EWS	45	23.7	12.1	17.9	+0.4	30.8	19	8.5	28	33	8	-18	12	19	285
Le Bons Bay AWS	238	18.8	12.0	15.4	+0.0	25.8	3	8.4	20	20	9	..	9	26	..
Lake Tekapo, Air Safa	762	23.8	8.8	16.3	+1.1	29.3	29	3.3	13	15	2	-29	13	19	..
Lake Tekapo EWS	762	24.5	7.9	16.2	+1.1	30.6	29	2.3	13	14	2	..	13	19	323
Fairlie AWS	403	20.5	10.3	15.4	..	26.6	2	6.0	20	44	14	..	27	19	..
Pukaki Aerodrome AWS	461	26.7	7.8	17.3	..	32.8	18	2.6	7	21	6	..	20	19	..
Hakataramea Valley Cw	355	24.4	9.8	17.1	..	30.6	2	2.9	13	27	3	..	22	19	..
Orari Estate	81	21.9	10.8	16.4	+0.0	26.5	2	6.4	27	68	11	+13	27	19	..
Orari Estate EWS	81	22.1	10.7	16.4	..	26.6	2	6.1	15	49	8	..	26	19	..
Timaru Aero AWS	27	20.8	10.6	15.7	-0.3	24.4	29	6.3	27	38	9	-10	16	19	..
Timaru EWS	17	20.2	12.0	16.1	+0.1	23.9	30	8.2	27	48	8	+1	15	19	..
Otaio @ Springbank ro	14	19.3	11.4	15.4	..	22.6	30	6.6	7	29	9	..	14	19	..
Waimate CWS	39	20.5	11.8	16.2	..	24.6	3	6.8	7	26	10	..	11	19	..
Oamaru Airport AWS	30	19.6	11.3	15.5	+0.2	26.1	9	6.5	13	36	9	-8	16	19	..
Albert Burn	1280	18.0	6.9	12.5	..	23.5	31	0.4	20	26	3	..	13	18	..
Eglinton, Knobs Flat	365	23.5	8.7	16.1	..	28.4	31	2.1	7	24	3	..	19	18	..
Tara Hills AWS	485	26.0	8.8	17.4	+1.1	31.7	18	2.1	13	22	5	-26	17	19	..
Wanaka CWS	331	25.7	10.8	18.3	..	30.3	31	4.3	7	3	9	..	1	4	..
Wanaka Aero AWS	352	26.8	11.3	19.1	+1.9	31.8	18	5.4	13	14	3	-41	7	18	..
Windsor EWS	81	21.8	10.7	16.3	+0.8	28.9	2	4.4	7	26	7	-25	14	19	..
Ranfurly EWS	450	24.2	8.5	16.4	+1.3	30.9	2	1.6	28	18	7	-35	6	19	..
Oamaru AWS	40	19.8	11.2	15.5	+0.0	25.5	9	6.5	28	26	13	..	13	19	..
Palmerston	21	20.5	10.1	15.3	+0.3	27.1	9	3.4	28	10	5	-50	8	19	182
Middlemarch EWS	213	23.3	9.5	16.4	+0.9	31.0	2	4.3	28	32	7	..	23	19	180
Swampy Summit AWS	716	16.7	7.8	12.3	..	25.7	2	2.7	28	..	..	..	..	..	..
Dunedin Aero AWS	2	21.5	10.1	15.8	+0.6	28.6	2	4.2	28	23	7	-46	11	19	..
Dunedin, Musselburgh	4	19.7	12.8	16.3	+1.0	26.5	2	8.9	28	30	13	-43	13	19	236
Oamaru EWS	20	19.0	11.2	15.1	..	26.0	9	6.6	28	38	8	..	18	26	222
Murchison Mtns EWS	1140	15.9	6.8	11.4	..	22.5	2	0.6	13	20	8	..	9	18	..
Te Anau At Park HQ Cw	204	22.5	10.1	16.3	..	27.7	17	3.9	20	..	..	..	..	..	..
Manapouri, West Arm J	178	22.4	10.8	16.6	+2.0	28.1	31	5.6	28	25	7	..	10	26	..
Manapouri Aero AWS	209	22.8	8.7	15.8	+1.1	28.9	2	0.7	28	10	5	-69	4	19	..
Birchwood WXT AWS	149	20.2	10.6	15.4	..	29.4	2	5.5	28	58	14	..	18	4	..
Queenstown EWS	322	24.9	11.6	18.3	..	29.7	8	5.9	20	24	3	..	13	18	..
Queenstown Aero AWS	357	23.9	10.2	17.1	+1.4	28.1	2	4.7	28	12	3	-52	11	18	291
Five Rivers CWS	260	21.8	9.7	15.8	..	29.3	2	2.3	28	34	11	..	10	19	..
Lumsden AWS	194	21.4	9.8	15.6	+0.8	30.3	2	2.7	28	49	12	..	21	9	..
Waipounamu CWS	152	22.0	9.7	15.9	..	31.8	2	2.4	28	46	9	..	15	4	..
Cromwell EWS	213	27.9	10.2	19.1	+1.4	33.1	18	4.1	13	14	2	..	10	19	305
Lauder EWS	375	25.4	9.4	17.4	+1.2	31.3	2	2.1	13	27	6	-31	17	4	..
Ophir 2	305	26.0	8.0	17.0	..	32.3	18	0.5	13	21	7	..	13	19	..
Alexandra	150	26.2	11.5	18.9	+0.9	33.7	2	4.4	13	17	5	..	5	4	286
Clyde 2 EWS	170	25.9	9.8	17.9	..	34.0	2	2.0	13	11	4	..	6	19	..
Alexandra AWS	231	25.3	10.7	18.0	..	33.0	2	2.6	13	19	4	..	6	4	..
Alexandra EWS	132	26.0	11.4	18.7	..	34.2	2	4.3	13	12	5	..	5	19	287
Roxburgh WXT AWS	160	22.6	11.5	17.1	..	32.6	2	5.3	28	26	8	..	12	9	..
Ettrick No.2	91	24.1	10.3	17.2	+1.0	33.8	2	3.2	28	7	4	-55	3	26	..
Tapanui EWS	180	21.9	10.1	16.0	..	31.4	2	3.0	28	35	11	..	16	9	..
Gore AWS	123	20.7	10.6	15.7	+1.3	31.2	2	4.1	28	51	13	-47	15	9	..
Gore EWS	60	21.3	10.1	15.7	..	32.0	2	1.6	28	57	11	..	16	9	164
Invercargill Aero	1	20.2	10.9	15.6	+1.4	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	3	20.7	10.8	15.8	+1.7	32.2	2	3.7	28	40	10	..	11	18	..
Invercargill Aero 2 E	..	..	..	..	..	..	..	..	..	33	9	..	10	18	187
Tiwai Point EWS	5	19.0	11.8	15.4	+0.9	26.8	17	5.8	28	32	10	-82	18	18	..
Stewart Island EWS	3	19.5	11.2	15.4	..	26.9	2	5.5	28	37	12	..	16	18	..
Balclutha, Finegand	6	21.1	10.9	16.0	+0.9	28.0	17	2.7	28	22	..	-48	14	9	..
Balclutha, Telford Ew	11	20.6	10.2	15.4	..	27.9	17	1.8	28	24	8	..	13	9	163
Nugget Point AWS	131	17.9	11.2	14.6	+0.5	23.9	2	7.7	28	38	11	-43	10	9	..
Tautuku	25	18.5	10.5	14.5	+0.6	27.0	17	5.5	28	66	11	-50	11	9	..
Tautuku EWS	25	18.6	10.6	14.6	..	26.8	17	5.5	28	66	14	..	13	19	..
South West Cape AWS	103	16.9	11.1	14.0	+0.9	21.4	16	8.2	28	58	20	-50	10	18	..
Kiribati, Cassidy Chri	3	29.8	24.7	27.3	..	30.9	30	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine January 2022

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	Hrs				
Solomon, Taro Is	3	32.4	..	..	..	..	..	..	..	..	..	..	..	..	
Solomon, Munda	6	..	24.5	..	..	..	..	..	..	..	..	..	..	..	
Solomon, Honiara	56	32.0	24.5	28.3	..	..	..	23.0	30	..	..	..	..	..	
Solomon, Henderson	9	31.9	24.0	28.0	..	34.2	7	22.9	4	..	..	..	..	..	
Solomon, Santa Cruz	24	..	24.5	..	..	..	..	..	..	..	..	..	..	..	
Vanuatu,Sola	13	..	24.8	..	..	..	..	..	..	377	23	..	82	18	
Vanuatu,Pekoa	56	30.8	23.8	27.3	..	..	..	22.4	17	..	..	..	..	..	
Vanuatu, Bauerfield	20	30.9	23.4	27.2	..	..	..	..	..	484	22	..	121	5	
Vanuatu,Burtonfield	70	31.0	23.9	27.5	..	..	..	..	..	..	..	..	..	..	
New Cal, Koumac	18	30.3	23.0	26.7	..	33.0	1	21.1	11	85	16	..	43	16	
New Cal, Oulop	7	30.0	24.8	27.4	..	31.6	23	22.9	30	..	..	..	..	..	
New Cal, Ouanaham	29	29.9	23.9	26.9	..	31.4	23	20.1	8	..	..	..	..	..	
New Cal, La Roche	42	30.0	..	..	..	..	..	..	..	..	..	..	..	..	
New Cal, La Tontouta	14	29.8	..	..	..	..	..	..	..	..	..	..	..	..	
New Cal, Nouma	72	29.9	23.2	26.6	..	32.0	1	20.9	26	147	23	..	37	4	
New Cal, Moue	97	28.9	..	..	..	..	..	..	..	..	..	..	..	..	
Kiribati,Butaritari	2	31.1	25.1	28.1	..	..	..	..	..	..	..	..	..	..	
Kiribati,Tarawa	2	..	26.1	..	..	..	..	23.9	26	69	14	..	23	15	
Kiribati,Beru	2	..	26.0	..	..	..	..	23.6	6	..	..	..	..	..	
Kiribati,Arorae	7	31.5	26.1	28.8	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nanumea Is	2	..	25.7	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nui Is	2	..	25.7	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Funafuti Aero	1	31.1	25.4	28.3	..	..	..	..	..	..	..	..	..	..	
Tuvalu, Niulakita Is	3	31.3	25.1	28.2	..	..	..	..	..	..	..	..	..	..	
Fiji,Nadi Aero	15	31.1	24.3	27.7	..	33.5	22	23.1	4	..	..	..	..	..	
Fiji,Nausori Aero	6	31.0	24.2	27.6	..	33.3	29	23.1	18	..	..	..	..	..	
Wallis Island, Hihifo	27	30.6	25.1	27.9	..	31.9	25	22.7	8	..	..	..	..	..	
Samoa,Faleolo	4	31.8	24.3	28.1	..	..	..	..	..	..	..	..	..	..	
Samoa, Apia	1	30.5	24.7	27.6	..	..	..	..	..	..	..	..	..	..	
Samoa, Pago Pago Aero	3	30.9	25.6	28.3	..	32.3	4	..	..	..	..	..	..	..	
Tonga, Lupepauu	67	..	23.4	..	..	..	..	..	..	..	..	..	..	..	
CI Rarotonga Aero	7	29.0	23.7	26.4	..	..	..	..	..	..	..	..	..	..	
Vanuatu, Saratamata	18	..	24.8	..	..	..	..	..	..	532	25	..	140	28	
Hiva Hoa, Atuona	51	30.8	23.2	27.0	..	34.1	13	22.4	12	..	..	..	..	..	
Society Is, Mopelia		29.3	..	..	..	..	..	..	..	..	..	..	..	..	
Tahiti - Faaa	1	29.8	24.0	26.9	..	31.8	8	21.8	15	..	..	..	..	..	
Tuamotu, Takaroa	2	30.2	24.1	27.2	..	31.4	20	21.7	8	151	22	..	77	7	
Tuamotu, Hao	3	28.9	24.9	26.9	..	30.5	27	22.2	6	..	..	..	..	..	
Gambier, Rikitea	91	27.8	22.5	25.2	..	29.4	27	18.5	4	..	..	..	..	..	
Tubuai	2	28.7	23.2	26.0	..	30.0	28	20.8	13	..	..	..	..	..	
Rapa	1	27.1	23.1	25.1	..	29.0	29	18.7	4	..	..	..	..	..	
Raoul Island AWS	50	26.0	21.4	23.7	..	29.6	27	18.3	18	159	16	..	69	13	
Campbell Island AWS	16	11.8	7.3	9.6	+0.0	16.8	17	4.7	6	115	28	-5	21	2	
Chatham Island Aero A	12	19.6	12.6	16.1	..	24.0	10	4.5	9	38	17	..	17	17	
Georg Von Neumayer	40	-1.5	-7.6	-4.6	..	1.4	4	-13.8	31	..	..	..	..	..	
Ant South Pole	2827	-25.5	-29.7	-27.6	..	-17.6	22	-35.6	29	..	..	..	..	..	
Halley Bay	30	-2.0	-8.7	-5.4	..	..	..	..	..	..	..	..	..	..	
Gen Belgrano 2	256	1.5	-6.5	-2.5	..	11.4	7	-10.1	9	..	..	..	..	..	
Bellingshausen	16	3.3	0.6	2.0	..	5.4	25	-0.4	30	..	..	..	..	..	
Base Jubany	4	4.2	0.4	2.3	..	..	..	..	..	..	..	..	..	..	
V C Marambio	198	1.7	-2.1	-0.2	..	11.2	21	-5.2	10	..	..	..	..	..	
Eduardo Frei	10	2.3	-0.1	1.1	..	..	..	-1.2	17	..	..	..	..	..	
Arturo Prat		4.4	0.8	2.6	..	8.4	25	-0.8	2	..	..	..	..	..	
Bernado Ohiggins	10	3.0	0.0	1.5	..	..	..	..	..	..	..	..	..	..	
Palmer Station	8	4.0	0.6	2.3	..	..	..	..	..	..	..	..	..	..	
Rothera Point	16	3.0	0.0	1.5	..	5.3	20	-1.6	23	..	..	..	..	..	
Argentine Is, Faraday	11	2.8	-1.3	0.8	..	6.7	22	-5.4	17	..	..	..	..	..	
Gen San Martin	4	4.8	-0.7	2.1	..	..	..	..	..	..	..	..	..	..	
Novolax Arevskaja	99	0.7	-3.6	-1.5	..	5.4	24	-8.1	31	..	..	..	..	..	
Syowa	21	1.3	-3.9	-1.3	..	4.4	31	-8.3	26	..	..	..	..	..	
Mawson	16	3.2	-4.4	-0.6	..	..	..	-6.9	13	..	..	..	..	..	
Davis	13	3.3	-2.9	0.2	..	..	..	-5.3	29	..	..	..	..	..	
Progress	64	2.6	-2.7	-0.1	..	5.4	8	-5.7	29	..	..	..	..	..	

Summary of the records of Temperature, Rainfall and Sunshine January 2022

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	
Mirnyj	30	-0.3	-6.1	-3.2	..	3.8	8	..	..	..	..	..	..	..	
Vostok	3420	-28.8	-37.7	-33.3	..	..	..	-45.9	29	..	..	..	..	..	
Casey	41	1.6	-3.9	-1.2	..	..	..	-5.4	27	..	..	..	..	..	
Wilkins Runway East	755	-3.4	-10.3	-6.9	..	..	..	..	..	..	..	..	..	..	
Durmont Durville	43	1.6	-4.5	-1.5	..	4.0	19	-8.2	11	..	..	..	..	..	
Mcmurdo	24	-0.1	-6.5	-3.3	..	3.9	25	-10.4	11	..	..	..	..	..	
Arrival Heights EWS	218	-1.9	-7.9	-4.9	..	1.9	25	-12.3	11	..	..	..	..	..	
Scott Base EWS	20	-1.4	-8.1	-4.8	..	3.2	17	-14.8	8	..	..	..	..	..	
Scott Base 2 EWS	43	-1.1	-8.2	-4.7	..	3.0	17	-14.9	8	..	..	..	..	..	
Casey, Skiway South	392	0.7	-7.3	-3.3	..	..	..	..	..	..	..	..	..	..	
Darwin Airport	31	32.6	21.4	27.0	..	35.1	2	18.3	18	..	..	..	..	..	
Hobart Airport	4	32.6	13.6	23.1	..	35.1	2	8.8	20	61	5	..	49	7	

Late returns and corrections for December 2021

Auckland, Mangere 2 E	16	24.1	17.9	21.0	..	27.7	10	11.6	20	..	..	..	..	213
Te Kuiti EWS	61	24.7	13.7	19.2	+2.3	29.4	25	8.5	26	89	11	-51	31	12
Turangi 2 EWS	360	23.6	12.9	18.3	+2.7	30.2	24	5.0	19	223	13	+86	39	14
Pahiatua EWS	110	21.8	14.1	18.0	..	25.8	5	8.6	30	204	14	..	49	6
Martinborough EWS	20	22.6	14.1	18.4	+2.0	27.5	23	8.6	18	163	12	..	34	6
Whakatu EWS	5	24.8	13.8	19.3	+2.6	31.3	21	8.3	19	92	11	..	32	14
Waipawa EWS	130	25.9	12.6	19.3	..	30.6	28	7.7	19	87	14	..	22	14
Wellington Aero	4	21.0	14.8	17.9	+1.4	26.1	15	10.4	18	207	14	+142	76	6
Upper Hutt, Trentham	50	21.3	14.0	17.7	..	25.6	15	7.4	18	246	16	..	58	6
Stratford EWS	280	21.4	12.7	17.1	+2.7	25.3	23	6.9	19	329	14	+164	79	28
Ohakune EWS	607	21.4	11.7	16.6	+2.6	25.4	23	6.2	26	83	14	-39	19	11
Whanganui, Spriggens	15	23.3	15.8	19.6	+2.7	29.7	15	12.2	25	192	15	+106	43	28
Hokitika EWS	39	20.1	12.5	16.3	..	25.0	15	8.5	19	347	20	..	89	10
Castle Mount EWS	2000	6.0	0.5	3.3	..	12.3	1	-4.3	6	1151	28	..	411	20
Blenheim Research EWS	4	22.9	14.3	18.6	+1.9	29.4	19	9.5	26	..	..	..	..	202
Boyle River Lodge	600	20.6	9.7	15.2	+1.4	..	..	..	..	..	..	..	..	..
Cheviot EWS	75	20.9	12.0	16.5	..	29.3	5	6.1	26	154	10	..	48	15
Ranfurlly EWS	450	19.9	8.6	14.3	+0.9	25.9	3	3.4	7	66	13	+4	23	5
Cromwell EWS	213	23.2	10.5	16.9	+0.8	27.7	2	5.8	7	59	11	..	21	5
Tautuku EWS	25	18.6	9.7	14.2	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	..	24.4	..	..	..	..	..	..	..	..	..	..	..
New Cal, Nouma	72	31.0	23.5	27.3	..	35.0	11	20.1	17	60	16	..	41	13

Late returns and corrections for November 2021

Castle Mount EWS	2000	5.6	-0.2	2.7	..	12.7	30	-5.7	17	488	19	..	133	11
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Late returns and corrections for October 2021

Castle Mount EWS	2000	3.1	-2.0	0.6	..	7.6	29	-9.2	13	467	24	..	109	17
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Late returns and corrections for September 2021

Castle Mount EWS	2000	0.7	-6.3	-2.8	..	7.7	23	-11.8	14	801	25	..	293	12
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Late returns and corrections for August 2021

Castle Mount EWS	2000	0.0	-5.3	-2.7	..	8.4	28	-11.0	9	308	14	..	147	24
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Late returns and corrections for July 2021

Castle Mount EWS	2000	0.4	-5.3	-2.5	..	6.9	3	-10.7	9	418	18	..	190	25
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Late returns and corrections for June 2021

Castle Mount EWS	2000	2.2	-3.2	-0.5	..	8.7	21	-11.1	29	455	17	..	109	5
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Late returns and corrections for May 2021

Castle Mount EWS	2000	3.5	-3.1	0.2	..	7.9	8	-11.1	18	432	19	..	153	8
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Late returns and corrections for April 2021

Castle Mount EWS	2000	3.4	-1.9	0.8	..	12.9	1	-9.1	27	514	28	..	98	4
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Late returns and corrections for March 2021

Castle Mount EWS	2000	6.8	1.4	4.1	..	12.4	21	-5.6	8	378	20	..	86	14
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*Summary of the records of Temperature, Rainfall and Sunshine — Late returns*

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall				Bright Sunshine	
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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	Hrs		
Late returns and corrections for February 2021															
Castle Mount EWS	2000	10.7	3.5	7.1	..	17.2	4	-4.5	12	..	..	..	..	..	
Late returns and corrections for January 2021															
Castle Mount EWS	2000	7.1	0.3	3.7	..	12.8	12	-5.8	29	..	..	..	..	..	

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1981-2010.

No normals are available for stations with only short records.

A rain day is a day with rainfall equal to or greater than 0.1 mm.

Where the extremes of temperature and rainfall occurred more than once during the month, the date of the first is given.

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