



# Climate Database Statistics Report

February 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 February 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		
Cape Reinga AWS	213	23.9	18.7	21.3	+1.6	28.4	23	15.6	15	43	19	-22	10	6	..
Kaitaia Aero AWS	77	25.9	18.8	22.4	..	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	25.8	18.5	22.2	+2.3	28.6	8	13.6	15	87	14	-22	36	6	115
Kerikeri EWS	79	24.9	17.5	21.2	+1.5	27.5	23	10.5	16	148	11	+28	86	6	..
Kerikeri Aerodrome Aw	149	24.5	17.2	20.9	+1.4	26.8	23	11.5	14	163	19	+46	84	6	..
Kaikohe AWS	204	24.3	17.0	20.7	+1.7	27.0	8	12.0	17	118	20	+12	61	6	..
Trounson CWS	244	26.4	16.6	21.5	..	30.8	8	9.0	17	29	11	-75	23	6	..
Dargaville 2 EWS	66	26.7	17.2	22.0	+2.5	30.3	10	12.4	16	66	6	-24	41	6	172
Purerua AWS	87	24.1	18.3	21.2	..	25.7	8	13.0	14	70	13	..	52	6	..
Russell CWS	15	24.7	17.1	20.9	..	26.3	23	10.2	16	51	13	..	24	6	..
Whangarei Aero AWS	38	25.9	18.2	22.1	+1.9	29.0	11	12.8	16	117	14	+19	80	6	..
Whangarei EWS	12	26.4	17.1	21.8	..	29.6	11	10.2	17	95	10	..	83	6	177
Mokohinau AWS	70	23.3	19.9	21.6	+1.3	24.9	4	16.9	28	60	11	-6	44	6	..
Leigh 2 EWS	27	26.4	19.0	22.7	+2.6	30.2	10	13.8	17	120	11	+50	101	6	..
Warkworth EWS	72	25.1	16.0	20.6	+1.7	27.6	23	10.2	16	87	14	-1	64	6	..
Whangaparaoa AWS	100	25.3	18.6	22.0	+1.8	27.5	23	14.5	17	70	10	+14	38	6	..
Auckland, Whenuapai A	26	26.0	17.0	21.5	+2.0	29.0	23	11.0	16	76	14	..	49	6	..
Auckland, North Shore	64	25.4	17.8	21.6	..	28.4	23	12.7	15	70	13	..	45	6	188
Auckland, Motat EWS	16	25.9	18.0	22.0	..	28.7	23	11.4	15	70	10	..	51	6	214
Waiheke Island, Awaro	34	26.4	16.5	21.5	..	..	..	9.8	17	..	..	..	..	..	..
Whitianga Aero AWS	5	24.0	16.4	20.2	+0.9	..	..	..	..	..	..	..	..	..	..
Whitianga EWS	1	24.6	15.9	20.3	..	27.9	16	9.0	15	153	11	..	69	6	..
Thames 2	3	26.4	16.8	21.6	+1.8	..	..	10.3	15	..	..	..	..	..	..
Paeroa AWS	19	27.0	16.0	21.5	+1.7	30.2	5	7.6	15	72	11	-13	39	6	..
Matamata, Hinuera EWS	85	26.4	14.9	20.7	+2.3	30.3	23	8.1	15	86	6	..	50	6	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	193
Tauranga Aero AWS	5	24.6	17.8	21.2	+1.4	26.9	23	11.4	15	83	14	-3	55	6	206
Te Puke EWS	123	24.0	16.4	20.2	+1.5	26.8	23	9.8	15	177	16	+62	74	6	..
Whakatane Aero AWS	8	24.6	16.6	20.6	+1.4	26.3	23	8.1	28	173	14	+90	104	6	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	202
Whakatane EWS	1	25.0	16.6	20.8	..	27.3	8	9.2	15	177	10	..	108	6	..
Mamaku Radar WXT AWS	17	20.3	14.3	17.3	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	26.5	15.9	21.2	..	30.7	8	8.9	28	..	..	..	..	..	156
Rotorua EWS	288	23.8	15.1	19.5	..	27.4	23	7.8	15	106	12	..	63	6	200
Rotorua Aero AWS	286	23.1	14.5	18.8	+0.9	25.6	8	6.8	15	138	19	+43	63	6	..
Galatea AWS	175	23.9	14.9	19.4	..	28.0	8	6.6	28	101	14	..	53	6	..
Taupo CWS	360	25.2	14.1	19.7	..	30.0	10	6.1	15	..	..	..	..	..	..
Tarapounamu EWS	701	18.5	10.7	14.6	..	23.7	9	4.7	28	140	13	..	54	6	..
Taupo AWS	402	23.7	13.6	18.7	+1.6	28.3	10	4.9	25	192	8	+123	119	11	..
Motu EWS	488	22.4	12.8	17.6	+1.8	29.6	9	6.3	16	242	12	+115	86	6	..
Auckland, Mangere 2 E	16	25.7	18.0	21.9	..	28.7	8	12.0	15	65	9	..	49	6	192
Auckland Aero	7	26.4	18.2	22.3	+2.0	29.4	8	12.0	15	63	10	-8	49	6	..
Auckland Aero Backup	7	26.4	18.3	22.4	..	29.7	8	12.1	15	16	9	..	6	5	..
Ardmore Aero AWS	41	26.3	16.5	21.4	..	30.0	23	10.0	15	..	..	..	..	..	..
Pukekohe EWS	88	26.1	16.9	21.5	+2.4	..	..	..	..	68	8	+4	44	6	..
Firth Of Thames EWS	3	27.1	14.9	21.0	..	30.7	23	6.1	15	64	6	..	52	6	196
Whatawhata 2 EWS	118	28.1	14.5	21.3	+2.6	33.0	10	7.5	15	129	8	+47	64	6	..
Hamilton, Ruakura 2 E	45	26.7	15.5	21.1	+2.3	30.4	5	7.4	15	122	6	+52	58	6	197
Hamilton AWS	53	26.7	14.8	20.8	+2.0	30.8	5	7.2	15	91	8	+17	51	6	..
Lake Karapiro CWS	55	26.6	17.2	21.9	..	29.5	4	11.1	15	101	7	..	67	6	..
Port Taharoa AWS	18	25.1	17.6	21.4	+1.7	29.0	9	11.8	15	309	9	..	164	11	..
Awakino EWS	400	23.4	14.0	18.7	..	30.0	11	8.6	15	236	9	..	82	11	77
Waikeria EWS	37	26.5	14.7	20.6	..	30.4	4	6.4	15	..	..	..	..	..	..
Te Kuiti EWS	61	26.8	14.1	20.5	+1.8	31.3	10	6.7	15	239	9	+146	139	11	191
Pureora Forest CWS	549	22.7	12.8	17.8	..	26.5	10	3.3	15	232	13	..	151	11	..
Taumarunui EWS	170	26.6	13.9	20.3	..	31.4	10	5.5	28	147	9	..	76	11	..
Taumarunui AWS	186	26.7	13.9	20.3	..	31.8	10	4.5	28	145	9	..	76	11	200
Turangangi 2 EWS	360	24.4	13.4	18.9	+1.7	28.7	8	2.0	28	..	..	..	..	..	182
New Plymouth AWS	28	23.9	15.9	19.9	+1.8	28.3	8	9.5	16	267	11	+171	125	5	227
Lower Retaruke CWS	233	25.5	13.5	19.5	..	30.4	10	4.4	28	138	10	+39	47	6	..
Mt Ruapehu, Chateau E	1097	20.3	9.2	14.8	+2.2	24.5	10	1.9	15	208	13	+41	65	11	..
Pahiatua EWS	110	23.2	12.5	17.9	..	30.4	4	5.2	25	239	10	..	87	5	..
Masterton Aero AWS	105	22.3	12.9	17.6	..	30.6	10	5.7	25	346	16	..	124	12	..

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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	Hrs		
Masterton EWS	90	22.8	12.9	17.9	..	30.5	9	6.0	25	350	14	..	118	12	148
Masterton, Te Ore Ore	110	23.0	13.5	18.3	..	31.2	4	6.3	25	322	13	+263	108	12	..
Takapau Plains AWS	346	21.8	12.3	17.1	+0.3	30.6	4	5.3	25	217	19	..	60	6	..
Dannevirke EWS	207	23.0	13.5	18.3	..	31.9	4	6.5	25	212	12	..	70	5	141
Cape Turnagain AWS	285	18.6	14.5	16.6	..	27.0	3	10.0	28	238	16	..	75	5	..
Castlepoint AWS	120	23.3	16.8	20.1	+2.1	31.4	3	13.1	14	303	15	+243	85	12	..
Baring Head	79	19.7	14.2	17.0	..	24.8	23	10.6	14	151	9	..	66	12	..
Te Wharau, Brackenfe	292	21.9	12.5	17.2	..	28.9	9	6.9	25	322	12	..	97	12	..
Martinborough EWS	20	22.4	13.6	18.0	+0.3	29.2	4	7.0	25	249	12	..	108	12	101
Ngawi AWS	8	21.6	15.2	18.4	-0.1	27.5	1	11.5	15	250	13	..	91	12	..
Hicks Bay AWS	46	23.8	17.4	20.6	+1.5	25.5	11	13.0	16	264	14	+143	150	7	..
Gisborne AWS	5	24.8	15.3	20.1	+1.0	31.5	12	9.5	16	144	13	+76	57	6	189
Gisborne EWS	12	26.1	15.4	20.8	..	32.2	12	9.6	16	102	10	..	54	6	..
Tolaga Bay WXT AWS	15	22.9	15.9	19.4	..	33.0	12	9.2	16	176	13	..	73	7	..
Tutira CWS	235	22.6	14.4	18.5	..	30.9	10	8.2	16	194	13	..	60	11	..
Napier Aero AWS	3	23.7	15.5	19.6	+0.9	33.3	4	9.2	16	248	11	+187	95	6	..
Napier EWS	7	23.9	16.2	20.1	..	30.3	2	9.8	16	191	11	..	87	6	178
Maraekakaho CWS	150	23.6	13.8	18.7	..	31.4	4	6.8	16	129	8	..	43	6	..
Hastings AWS	16	24.7	14.9	19.8	..	..	..	..	..	..	..	..	..	..	..
Whakatu EWS	5	24.1	14.4	19.3	+1.5	31.1	2	6.8	16	137	8	..	52	6	..
Waipawa EWS	130	24.8	12.5	18.7	..	33.5	4	6.6	25	104	11	..	32	11	..
Wairoa, North Clyde E	15	25.7	15.0	20.4	+1.5	33.2	10	9.5	16	171	15	+77	78	6	..
Wairoa Aero AWS	13	24.6	14.4	19.5	..	32.5	10	8.6	16	49	15	..	11	26	..
Mahia Radar WXT AWS	419	18.6	14.1	16.4	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	22.1	16.2	19.2	+0.9	28.6	11	..	..	205	16	+119	66	6	..
Cape Kidnappers WXT A	113	20.7	17.3	19.0	..	26.3	11	12.0	28	..	..	..	..	..	..
Paraparaumu Aero	5	22.3	14.4	18.4	+1.0	29.0	8	5.6	25	213	12	+148	61	4	..
Paraparaumu Aero AWS	8	22.2	14.6	18.4	+1.0	29.1	8	5.6	25	220	12	+156	62	4	213
Paraparaumu EWS	5	22.1	14.3	18.2	..	..	..	..	..	196	8	+124	56	4	205
Ohakea AWS	47	23.4	14.4	18.9	..	30.3	9	6.6	28	200	11	..	95	5	..
Palmerston North AWS	39	23.8	14.0	18.9	+0.7	31.0	9	7.5	15	171	12	+100	81	5	..
Palmerston North EWS	21	23.8	14.3	19.1	+0.9	31.8	9	7.6	15	144	11	+68	73	5	183
Levin AWS	15	23.7	14.5	19.1	+1.3	29.6	9	5.2	28	230	11	+145	77	5	..
Levin EWS	23	23.8	13.9	18.9	..	30.1	9	4.9	28	196	9	..	67	5	223
Mana Island AWS	110	19.3	14.4	16.9	..	24.7	9	10.2	15	287	12	..	97	12	..
Porirua, Elsdon Park	7	21.4	14.5	18.0	..	27.7	9	8.7	15	308	13	..	109	12	..
Wellington, Kelburn A	125	20.1	14.3	17.2	+0.0	25.7	1	10.6	14	346	11	+275	127	12	172
Wellington Aero	4	20.6	15.2	17.9	-0.1	26.9	1	11.4	14	291	11	+230	116	12	..
Wellington, Greta Poi	3	20.9	15.0	18.0	..	27.7	1	11.1	25	323	9	..	115	12	..
Wellington Aero Backu	4	20.6	15.3	18.0	..	26.9	2	11.5	15	..	..	..	..	..	..
Upper Hutt, Trentham	50	22.1	12.9	17.5	..	28.6	9	3.8	25	239	12	..	82	12	181
Stratford EWS	280	22.3	13.1	17.7	+1.4	27.6	9	6.7	25	450	12	+319	180	5	174
Hawera AWS	100	21.8	14.3	18.1	+1.2	28.1	4	6.9	25	354	10	+281	153	5	..
Ohakune EWS	607	22.7	10.1	16.4	+1.0	..	..	..	..	..	..	..	..	..	..
Waiouru Treatment Pla	806	22.4	7.7	15.1	+0.8	28.5	10	-2.0	28	99	7	+30	30	6	..
Waiouru Airstrip AWS	820	21.6	10.1	15.9	..	27.3	10	0.0	28	109	12	..	30	6	..
Waiouru EWS	803	22.0	10.7	16.4	..	28.1	10	2.0	28	112	12	..	32	6	..
Taihape Rec	433	24.6	11.4	18.0	+1.3	32.0	4	2.5	28	124	11	+64	39	6	..
Flat Hills WXT AWS	262	23.2	13.6	18.4	..	30.3	10	5.2	25	163	9	+91	53	5	..
Whanganui, Spriggens	15	24.3	15.3	19.8	+1.4	32.4	10	8.1	28	207	9	+130	80	5	..
Wanganui AWS	14	23.3	15.2	19.3	+1.2	32.7	10	7.4	25	199	8	+145	83	5	..
Wanganui 2 AWS	18	25.0	14.7	19.9	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	22.3	13.3	17.8	+0.4	29.9	8	8.7	22	496	14	+378	190	2	146
Farewell Spit AWS	3	24.3	15.8	20.1	+2.0	27.6	1	12.2	14	257	13	+188	90	12	..
Westport Aero AWS	5	21.4	14.8	18.1	+1.4	28.3	8	10.5	14	610	20	+482	169	9	..
Westport EWS	6	22.1	15.4	18.8	..	29.2	8	10.9	14	577	18	..	162	9	172
Arapito EWS	3	22.4	14.8	18.6	..	29.2	8	10.4	14	451	18	..	107	3	145
Hokitika Aero	39	21.5	13.3	17.4	+1.4	28.5	8	7.2	14	406	13	+217	125	9	172
Hokitika AWS	40	21.4	13.3	17.4	+1.4	28.3	8	7.5	14	397	14	+193	123	9	201
Hokitika EWS	39	21.5	13.1	17.3	..	28.5	8	7.2	14	384	13	..	120	9	..
Reefton EWS	198	23.3	12.5	17.9	+0.9	32.5	8	8.0	14	384	12	+278	167	9	164
Greymouth Aero EWS	5	22.3	14.1	18.2	..	29.8	8	9.7	13	359	14	..	145	9	178
Pigeon Creek CWS	105	22.2	12.8	17.5	..	30.7	8	8.7	15	509	12	..	124	9	..

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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		
Mt Philistine EWS	1655	12.2	5.7	9.0	..	20.3	8	-1.0	14	..	..	..	..	..	
Mahanga EWS	1995	11.0	4.8	7.9	..	15.6	8	-3.4	14	638	15	..	159	9	
Ivory Glacier CWS	1390	14.0	7.5	10.8	..	21.3	8	1.4	14	1101	11	..	326	2	
Okarito EWS	1	21.7	13.3	17.5	..	28.2	8	8.8	14	475	11	..	121	2	
Franz Josef EWS	80	22.3	12.6	17.5	+2.0	29.0	8	7.9	14	708	12	..	277	2	
Milford Sound AWS	3	21.4	11.5	16.5	+1.3	27.1	8	7.8	20	551	16	..	173	2	
Milford Sound EWS	3	20.9	11.4	16.2	..	26.0	8	7.9	14	572	15	..	177	2	
Castle Mount EWS	2000	10.5	3.3	6.9	..	18.0	8	-4.5	13	1304	17	..	498	18	
Secretary Island AWS	19	..	13.1	..	..	..	..	..	..	..	..	..	..	..	
Puysegur Point AWS	45	17.5	12.0	14.8	+0.9	24.1	1	9.2	14	138	17	-41	56	18	
Stephens Island AWS	188	17.7	..	..	..	..	..	..	..	..	..	..	..	..	
Motueka, Riwaka EWS	8	22.4	14.0	18.2	+0.6	..	..	..	..	182	13	+96	113	12	
Pelorus Sd, Crail Bay	13	20.9	14.9	17.9	-0.1	25.6	1	10.5	26	397	11	+295	168	4	
Nelson Aero	2	21.6	15.1	18.4	+0.5	28.2	8	10.2	15	220	13	+157	63	12	
Appleby 2 EWS	18	21.4	13.1	17.3	-0.3	26.2	8	7.5	15	159	11	..	61	12	
Richmond EWS	1	21.5	14.5	18.0	..	26.5	8	10.0	15	189	12	..	60	12	
Nelson AWS	6	21.4	15.3	18.4	+0.2	27.9	8	11.0	15	181	13	..	58	12	
Blenheim Research EWS	4	21.2	13.4	17.3	-0.5	28.8	1	8.5	27	153	10	+107	65	12	
Blenheim Aero AWS	36	21.4	12.7	17.1	-0.6	29.9	1	5.8	25	182	12	+133	73	12	
Brothers Island AWS	68	19.0	14.5	16.8	+0.2	23.0	16	11.1	13	233	9	..	95	12	
Grassmere Salt Works	2	21.1	15.4	18.3	+0.4	..	..	..	..	..	..	..	..	..	
Cape Campbell AWS	6	18.5	14.6	16.6	-0.2	22.3	2	11.3	14	140	10	+101	56	12	
Hanmer Forest EWS	363	22.4	8.9	15.7	+0.1	..	..	..	..	..	..	..	..	..	
Kaikoura, Middle Cree	5	19.5	11.4	15.5	..	27.4	22	6.3	25	261	15	..	93	12	
Kaikoura AWS	108	19.1	12.9	16.0	-0.5	27.6	3	8.9	28	238	15	+186	76	12	
Arthurs Pass	745	18.9	8.6	13.8	+0.7	..	..	..	..	373	12	+106	104	4	
Arthurs Pass EWS	745	18.4	8.6	13.5	+0.0	25.3	8	3.2	14	619	12	+350	180	2	
Arthurs Pass AWS	743	17.8	8.8	13.3	..	24.3	1	3.4	14	700	15	..	208	2	
Culverden AWS	181	20.4	10.7	15.6	..	29.0	3	6.1	28	198	9	..	67	12	
Medbury CWS	232	20.7	10.6	15.7	..	30.0	3	5.6	26	201	18	..	54	12	
Balmoral East CWS	172	20.7	10.3	15.5	..	28.4	3	4.5	28	210	12	..	69	12	
Waiiau School CWS	136	21.6	10.9	16.3	..	31.3	3	5.9	28	190	13	..	69	12	
Cheviot EWS	75	21.0	10.5	15.8	..	31.1	3	4.6	28	198	11	..	77	12	
Upper Rakaia EWS	1752	11.4	4.6	8.0	..	16.0	8	-2.5	14	327	16	..	94	4	
Mt Potts EWS	2128	10.2	3.1	6.7	..	17.0	1	-5.5	13	226	16	..	52	4	
Mt Cook EWS	730	19.7	9.0	14.4	-0.2	26.2	1	3.3	14	570	11	+310	231	2	
Mueller Hut EWS	1818	11.5	5.1	8.3	..	16.6	1	-2.2	14	889	15	..	387	2	
Mt Cook Aero AWS	656	20.0	8.5	14.3	..	26.8	1	3.1	14	317	16	..	115	2	
Cass EWS	571	20.9	8.7	14.8	..	28.7	1	3.7	20	235	10	..	66	9	
Methven CWS	313	19.5	10.5	15.0	..	29.4	2	5.9	20	166	11	..	43	12	
Winchmore 2 EWS	164	20.3	10.6	15.5	..	30.8	2	5.4	20	133	11	..	42	12	
Chertsey CWS	108	19.5	11.5	15.5	..	29.5	2	5.7	20	119	9	..	35	12	
Mayfield at Ruapuna F	325	19.5	10.0	14.8	..	30.3	2	5.3	7	122	27	..	15	10	
Peel Forest	286	19.3	9.8	14.6	-0.6	..	..	4.8	7	235	23	+135	52	4	
Ashburton Aero AWS	88	20.0	10.9	15.5	..	31.6	2	5.1	7	126	15	..	35	12	
Waipara West EWS	130	21.1	11.4	16.3	..	31.7	3	5.6	28	178	10	..	59	12	
Ohoka CWS		20.0	11.7	15.9	..	30.5	3	4.1	28	165	13	..	68	12	
Rangiora EWS	23	20.8	12.1	16.5	+0.1	30.8	3	5.5	28	206	11	..	86	12	
Christchurch Aero	37	20.3	12.1	16.2	-0.6	30.1	2	2.6	28	148	18	+105	54	12	
Christchurch Aero Bac	37	20.2	12.0	16.1	..	30.0	2	2.4	28	138	15	..	49	12	
Christchurch Gardens	7	21.3	12.4	16.9	-0.2	31.0	22	..	..	224	13	+182	66	12	
Christchurch, Kyle St	6	21.1	13.0	17.1	+0.2	31.5	22	4.4	28	118	11	..	53	12	
Christchurch Botanic	17	21.1	12.8	17.0	..	30.9	22	4.4	28	139	11	..	65	12	
Bromley EWS	3	20.1	13.6	16.9	..	29.6	3	5.0	28	143	12	..	64	12	
Lincoln, Broadfield E	18	20.3	12.4	16.4	-0.2	30.3	22	3.4	28	107	12	+66	31	12	
Sugar Loaf AWS	496	17.5	10.4	14.0	..	27.4	22	6.1	28	..	..	..	..	..	
Diamond Harbour EWS	122	19.6	12.6	16.1	..	28.7	22	6.4	28	127	11	..	59	12	
Akaroa AWS	45	21.8	11.7	16.8	-0.3	30.4	22	6.7	28	118	10	+65	60	12	
Le Bons Bay AWS	238	17.2	11.6	14.4	-1.0	25.5	22	6.9	13	156	10	..	68	12	
Lake Tekapo, Air Safa	762	20.2	8.1	14.2	-0.6	28.1	2	3.0	7	96	11	+60	30	9	
Lake Tekapo EWS	762	20.6	7.8	14.2	-0.6	28.9	2	2.5	7	94	9	..	30	9	
Fairlie AWS	403	18.5	9.9	14.2	..	30.4	2	4.7	14	135	13	..	32	9	
Pukaki Aerodrome AWS	461	21.5	8.2	14.9	..	..	..	..	..	..	..	..	..	..	

Summary of the records of Temperature, Rainfall and Sunshine February 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		
Hakataramea Valley Cw	355	20.5	9.9	15.2	..	31.6	2	4.4	14	87	13	..	26	4	..
Orari Estate	81	19.6	10.3	15.0	-0.9	26.9	18	6.2	21	119	15	+54	31	9	..
Orari Estate EWS	81	20.1	10.2	15.2	..	32.6	2	5.8	14	125	15	..	29	9	..
Timaru Aero AWS	27	19.3	10.2	14.8	-0.7	..	..	5.3	14	111	14	+59	27	9	..
Timaru EWS	17	19.0	11.6	15.3	-0.4	31.7	2	7.6	14	94	15	+44	24	9	..
Otaio @ Springbank ro	14	18.3	11.4	14.9	..	29.7	2	7.0	14	101	13	..	23	9	..
Waimate CWS	39	18.9	11.2	15.1	..	27.8	2	6.6	28	87	11	..	27	4	..
Oamaru Airport AWS	30	17.8	10.5	14.2	-0.7	26.8	2	5.7	28	81	14	+47	20	4	..
Albert Burn	1280	15.3	6.4	10.9	..	21.3	11	1.1	20	354	14	..	108	2	..
Mt Larkins EWS	1900	10.8	4.4	7.6	..	15.9	8	-3.0	13	209	16	..	49	3	..
Tara Hills AWS	485	21.0	9.5	15.3	-0.7	..	..	2.6	28	101	8	+68	33	4	..
Wanaka CWS	331	22.3	10.8	16.6	..	28.8	11	5.0	14	97	16	..	35	4	..
Wanaka Aero AWS	352	22.7	11.0	16.9	-0.1	28.5	11	4.8	20	105	9	+70	37	4	..
Windsor EWS	81	19.5	10.0	14.8	-0.1	29.8	2	5.3	20	65	11	+15	22	4	..
Ranfurlly EWS	450	21.1	8.0	14.6	+0.2	31.3	2	0.2	28	67	9	+30	32	4	..
Oamaru AWS	40	18.0	10.7	14.4	-0.8	..	..	5.9	28	..	..	..	..	..	..
Palmerston	21	18.5	9.0	13.8	-0.9	28.2	2	1.4	28	..	..	..	..	..	..
Middlemarch EWS	213	21.5	8.3	14.9	+0.0	32.9	2	0.4	28	63	11	..	18	4	145
Dunedin Aero AWS	2	19.8	9.1	14.5	-0.3	32.5	2	1.1	28	38	11	-25	10	19	..
Dunedin, Musselburgh	4	18.2	11.9	15.1	+0.1	31.9	2	5.8	28	58	14	-10	15	4	201
Oamaru EWS	20	17.8	10.8	14.3	..	26.4	2	6.1	28	68	13	..	17	4	168
Murchison Mtns EWS	1140	14.3	6.2	10.3	..	20.3	11	0.4	27	199	16	..	66	2	..
Te Anau At Park HQ Cw	204	20.3	9.0	14.7	..	26.8	8	1.5	27	..	..	..	..	..	..
Manapouri, West Arm J	178	20.3	9.9	15.1	+1.0	25.8	8	5.7	28	213	10	..	72	2	..
Manapouri Aero AWS	209	21.2	6.9	14.1	-0.2	26.0	1	0.0	27	68	12	-17	21	18	..
Birchwood WXT AWS	149	19.2	8.5	13.9	..	26.3	21	3.4	7	53	12	..	24	18	..
Queenstown EWS	322	21.9	11.0	16.5	..	27.6	10	6.2	20	99	10	..	25	4	..
Queenstown Aero AWS	357	21.2	9.9	15.6	+0.2	26.8	10	4.1	20	92	13	+44	25	4	218
Five Rivers CWS	260	19.7	7.7	13.7	..	30.3	2	1.8	7	100	15	..	24	18	..
Lumsden AWS	194	19.6	7.5	13.6	-0.7	28.6	2	1.8	27	108	14	..	26	18	..
Waipounamu CWS	152	20.3	7.9	14.1	..	30.1	2	1.5	27	85	13	..	17	18	..
Cromwell EWS	213	24.0	10.2	17.1	-0.2	30.3	1	3.5	20	71	9	..	28	4	217
Lauder EWS	375	21.9	9.0	15.5	-0.1	29.5	1	2.6	20	82	8	+43	33	4	..
Ophir 2	305	21.5	7.4	14.5	..	..	..	1.0	28	75	9	..	35	4	..
Alexandra	150	24.0	10.6	17.3	-0.2	31.3	2	4.6	28	83	12	..	26	3	191
Clyde 2 EWS	170	23.2	9.3	16.3	..	31.0	2	3.2	28	81	8	..	27	4	..
Alexandra AWS	231	22.4	9.8	16.1	..	30.6	2	3.8	28	107	9	..	36	3	..
Alexandra EWS	132	23.3	10.4	16.9	..	31.4	2	4.7	28	74	10	..	24	4	211
Roxburgh WXT AWS	160	21.1	10.2	15.7	..	29.3	2	3.9	28	..	..	..	..	..	..
Ettrick No.2	91	22.0	8.7	15.4	-0.1	31.5	2	1.8	28	53	9	-5	15	18	..
Tapanui EWS	180	21.0	8.1	14.6	..	30.6	2	0.9	27	72	11	..	13	4	..
Gore AWS	123	19.7	8.9	14.3	+0.2	31.2	2	2.5	27	86	14	+1	17	18	..
Gore EWS	60	20.2	8.2	14.2	..	31.3	2	0.2	27	91	13	..	18	18	200
Invercargill Aero	1	19.0	8.3	13.7	-0.2	..	..	..	..	..	..	..	..	..	214
Invercargill Aero AWS	3	19.4	8.4	13.9	+0.0	28.1	2	2.1	7	48	14	..	22	18	..
Invercargill Aero 2 E		20.0	6.1	13.1	..	29.5	2	..	..	51	10	..	20	18	..
Tiwai Point EWS	5	18.2	10.4	14.3	-0.1	27.6	2	5.6	7	37	12	-46	16	18	..
Stewart Island EWS	3	18.4	9.4	13.9	..	25.0	2	4.3	7	22	9	..	10	18	..
Balclutha,Finegand	6	20.9	9.6	15.3	+0.5	..	..	..	..	..	..	..	..	..	..
Balclutha, Telford Ew	11	18.9	8.2	13.6	..	33.2	2	1.2	27	68	13	..	19	2	191
Nugget Point AWS	131	17.0	10.7	13.9	+0.0	31.5	2	7.8	7	73	17	+8	22	2	..
Tautuku	25	18.0	9.5	13.8	+0.1	25.5	18	3.5	7	70	11	-28	16	10	..
Tautuku EWS	25	18.2	9.3	13.8	..	31.7	2	3.3	7	47	15	..	9	15	..
South West Cape AWS	103	17.7	10.9	14.3	+1.3	25.1	2	8.1	7	80	12	-13	31	2	..
Kiribati,Cassidy Chri	3	30.3	25.0	27.7	..	31.0	25	23.5	6	..	..	..	..	..	..
Solomon, Taro Is	3	31.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.6	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.0	24.5	28.3	..	..	..	23.6	12	..	..	..	..	..	..
Solomon, Henderson	9	31.9	23.9	27.9	..	..	..	22.8	8	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.2	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.4	23.4	26.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.8	23.4	27.1	..	33.3	21	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	31.7	23.6	27.7	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine February 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				
New Cal, Koumac	18	31.1	..	..	..	..	..	..	..	..	..	..	..	..	
New Cal, Oulop	7	30.5	25.4	28.0	..	32.3	13	23.6	26	..	..	..	..	..	
New Cal, Ouanaham	29	30.1	24.6	27.4	..	31.9	2	21.3	3	..	..	..	..	..	
New Cal, La Roche	42	30.1	24.0	27.1	..	32.9	6	21.0	3	..	..	..	..	..	
New Cal, La Tontouta	14	31.7	23.5	27.6	..	..	..	20.4	3	..	..	..	..	..	
New Cal, Nouma	72	31.0	24.4	27.7	..	33.2	5	22.8	19	108	20	..	35	28	
New Cal, Moue	97	29.3	24.5	26.9	..	31.1	7	22.2	18	..	..	..	..	..	
Kiribati,Butaritari	2	31.1	24.8	28.0	..	32.4	15	..	..	..	..	..	..	..	
Kiribati,Tarawa	2	..	26.0	..	..	..	..	22.5	3	68	12	..	33	2	
Kiribati,Beru	2	..	26.2	..	..	..	..	..	..	..	..	..	..	..	
Kiribati,Arorae	7	31.9	26.5	29.2	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nanumea Is	2	32.4	26.6	29.5	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nui Is	2	..	25.5	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Funafuti Aero	1	31.7	26.2	29.0	..	32.8	11	..	..	..	..	..	..	..	
Tuvalu, Niulakita Is	3	31.3	25.5	28.4	..	..	..	..	..	..	..	..	..	..	
Fiji,Nadi Aero	15	30.6	23.8	27.2	..	..	..	21.6	16	..	..	..	..	..	
Fiji,Nausori Aero	6	31.1	23.9	27.5	..	..	..	..	..	..	..	..	..	..	
Wallis Island, Hihifo	27	30.2	24.5	27.4	..	31.4	1	23.2	2	..	..	..	..	..	
Samoa,Faleolo	4	31.9	23.4	27.7	..	..	..	..	..	..	..	..	..	..	
Samoa, Apia	1	29.3	23.8	26.6	..	..	..	..	..	..	..	..	..	..	
Samoa, Pago Pago Aero	3	31.3	25.0	28.2	..	33.6	15	..	..	..	..	..	..	..	
Tonga, Lupepauu	67	29.3	..	..	..	..	..	..	..	..	..	..	..	..	
Salote Pilolevu Airpo	2	..	24.6	..	..	..	..	..	..	..	..	..	..	..	
Tonga,Fuaamotu Aero	38	29.9	22.9	26.4	..	..	..	..	..	..	..	..	..	..	
CI Rarotonga Aero	7	29.6	23.3	26.5	..	..	..	..	..	..	..	..	..	..	
Vanuatu, Saratamata	18	..	24.8	..	..	..	..	..	..	..	..	..	..	..	
Hiva Hoa, Atuona	51	31.1	23.9	27.5	..	..	..	22.3	8	..	..	..	..	..	
Society Is, Mopelia		30.3	25.0	27.7	..	31.0	9	22.1	6	..	..	..	..	..	
Tahiti - Faaa	1	31.2	24.3	27.8	..	32.4	25	22.6	18	..	..	..	..	..	
Tuamotu, Takaroa	2	30.6	24.6	27.6	..	31.1	11	22.2	23	..	..	..	..	..	
Tuamotu, Hao	3	29.6	24.9	27.3	..	30.9	1	22.3	14	..	..	..	..	..	
Gambier, Rikitea	91	28.5	22.9	25.7	..	29.4	11	19.8	4	..	..	..	..	..	
Tubuai	2	29.5	22.7	26.1	..	30.4	28	20.2	23	..	..	..	..	..	
Rapa	1	27.5	22.4	25.0	..	29.2	28	19.0	22	..	..	..	..	..	
Raoul Island AWS	50	27.3	22.4	24.9	..	30.7	12	19.2	28	286	15	..	235	23	
Enderby Is AWS	39	13.6	9.0	11.3	..	16.6	1	5.8	5	82	23	..	21	1	
Campbell Island AWS	16	12.4	7.8	10.1	+0.6	17.2	9	1.9	21	121	26	+15	25	2	
Chatham Island Aero A	12	19.7	13.7	16.7	..	24.7	5	6.6	8	90	14	..	25	10	
Georg Von Neumayer	40	-5.2	-11.2	-8.2	..	-1.7	2	-18.4	27	..	..	..	..	..	
Ant South Pole	2827	-38.5	-41.6	-40.1	..	-30.2	9	-52.8	28	..	..	..	..	..	
Halley Bay	30	-6.4	-11.8	-9.1	..	..	..	..	..	..	..	..	..	..	
Gen Belgrano 2	256	-0.8	-9.5	-5.2	..	10.4	24	-20.4	21	..	..	..	..	..	
Bellingshausen	16	3.5	0.8	2.2	..	..	..	-1.3	8	..	..	..	..	..	
Base Jubany	4	4.5	0.5	2.5	..	13.3	8	-1.1	19	..	..	..	..	..	
V C Marambio	198	2.8	-2.0	0.4	..	9.3	21	-4.4	19	..	..	..	..	..	
Eduardo Frei	10	2.4	-0.2	1.1	..	7.7	7	..	..	..	..	..	..	..	
Arturo Prat		4.6	0.9	2.8	..	9.4	6	..	..	..	..	..	..	..	
Bernado Ohiggins	10	2.9	-0.1	1.4	..	6.0	4	-2.0	6	..	..	..	..	..	
Palmer Station	8	4.2	0.4	2.3	..	..	..	..	..	..	..	..	..	..	
Rothera Point	16	2.8	-0.1	1.4	..	7.0	8	-2.4	20	..	..	..	..	..	
Argentine Is, Faraday	11	2.8	-0.8	1.0	..	12.7	7	-3.0	8	..	..	..	..	..	
Gen San Martin	4	3.8	-0.7	1.6	..	..	..	..	..	..	..	..	..	..	
Novolax Arevskaja	99	-2.4	-6.8	-4.6	..	4.4	2	-15.7	28	..	..	..	..	..	
Syowa	21	-0.7	-6.0	-3.4	..	4.2	1	-11.2	27	..	..	..	..	..	
Mawson	16	-0.9	-8.2	-4.6	..	3.2	11	-12.3	28	..	..	..	..	..	
Davis	13	0.7	-5.3	-2.3	..	..	..	-10.5	27	..	..	..	..	..	
Progress	64	-0.4	-4.2	-2.3	..	4.9	9	..	..	..	..	..	..	..	
Mirnyj	30	-2.6	-8.0	-5.3	..	..	..	..	..	..	..	..	..	..	
Vostok	3420	-37.3	-47.9	-42.6	..	..	..	..	..	..	..	..	..	..	
Casey	41	-0.5	-5.2	-2.9	..	3.0	11	-7.7	20	..	..	..	..	..	
Durmont Durville	43	-0.2	-6.5	-3.4	..	4.1	11	-13.9	24	..	..	..	..	..	
Mcmurdo	24	-4.6	-10.4	-7.5	..	3.0	10	-20.3	27	..	..	..	..	..	
Scott Base	19	-5.1	-12.0	-8.6	..	4.7	1	-22.1	27	..	..	..	..	..	

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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	°C	°C	mm	mm	mm	mm	Hrs		
Arrival Heights EWS	218	-7.0	-11.9	-9.5	..	1.4	9	-20.6	22	..	..	..	..	..	
Scott Base EWS	20	-6.1	-11.9	-9.0	..	2.5	9	-22.3	27	..	..	..	..	..	
Scott Base 2 EWS	43	-5.9	-11.7	-8.8	..	2.7	10	-22.3	27	..	..	..	..	..	
Darwin Airport	31	31.6	22.4	27.0	..	35.4	11	19.2	28	..	..	..	..	..	
Hobart Airport	4	31.6	12.5	22.1	..	35.4	11	6.9	22	8	6	..	5	28	
Late returns and corrections for January 2022															
Auckland, North Shore	64	25.6	16.2	20.9	..	27.8	4	12.0	22	5	5	..	2	24	306
Taupo AWS	402	25.4	10.6	18.0	+0.9	29.8	4	3.2	28	4	4	-74	3	25	..
Palmerston North EWS	21	24.8	13.4	19.1	+1.3	29.6	2	7.0	28	14	5	-49	6	24	277
Mt Somers, Somer Down	372	22.3	9.9	16.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.8	23.8	27.3	..	..	..	22.4	17	356	23	..	67	30	..
Vanuatu,Burtonfield	70	31.0	23.9	27.5	..	..	..	..	..	398	17	..	87	1	..
Late returns and corrections for December 2021															
Auckland, North Shore	64	24.1	16.9	20.5	..	27.4	25	10.7	20	97	11	..	42	13	..
Taupo AWS	402	22.8	13.8	18.3	+2.8	27.4	25	7.0	31	103	12	+9	25	14	..
Palmerston North EWS	21	22.5	14.9	18.7	+2.3	26.6	11	10.4	26	228	14	+138	50	7	142
Scott Base	19	0.3	-5.6	-2.7	..	4.7	22	-9.9	2	..	..	..	..	..	..
Late returns and corrections for November 2021															
Auckland, North Shore	64	22.6	13.4	18.0	..	25.7	7	7.2	2	42	10	..	20	13	199
Palmerston North EWS	21	20.7	11.5	16.1	+1.9	25.0	12	6.6	19	77	10	-3	23	14	183
Scott Base	19	-6.4	-13.7	-10.1	..	-1.9	23	-25.0	2	..	..	..	..	..	..
Late returns and corrections for October 2021															
Auckland, North Shore	64	18.8	11.9	15.4	..	21.6	26	6.2	15	157	20	..	26	7	..
Palmerston North EWS	21	17.8	10.1	14.0	+1.5	22.5	26	3.0	14	76	19	-19	13	28	120
Late returns and corrections for September 2021															
Auckland, North Shore	64	17.0	9.1	13.1	..	21.8	16	4.6	28	145	18	..	42	22	149
Palmerston North EWS	21	15.3	6.8	11.1	+0.1	18.9	23	1.1	19	121	17	+35	69	13	139
Scott Base	19	-18.8	-30.7	-24.8	..	-11.7	7	-39.1	3	..	..	..	..	..	..
Late returns and corrections for August 2021															
Auckland, North Shore	64	15.9	8.4	12.2	..	19.1	29	2.5	10	179	23	..	89	30	147
Palmerston North EWS	21	14.5	5.1	9.8	+0.4	16.6	20	-0.6	10	115	18	+35	35	17	..
Late returns and corrections for July 2021															
Auckland, North Shore	64	15.9	7.0	11.5	..	19.9	18	0.1	4	..	..	..	..	..	149
Palmerston North EWS	21	14.6	4.3	9.5	+0.8	19.0	17	-2.4	14	44	11	-44	12	17	150
Late returns and corrections for June 2021															
Palmerston North EWS	21	15.4	7.8	11.6	+2.3	18.8	12	1.3	3	106	17	+9	37	26	80
Scott Base	19	-19.4	-31.3	-25.4	..	-10.4	22	-41.5	15	..	..	..	..	..	..
Late returns and corrections for May 2021															
Auckland, North Shore	64	18.5	9.8	14.2	..	..	..	..	..	..	..	..	..	..	..
Palmerston North EWS	21	16.7	8.1	12.4	+0.9	22.1	11	0.3	2	45	11	-38	16	17	117
Late returns and corrections for April 2021															
Palmerston North EWS	21	19.4	10.2	14.8	+0.9	23.6	12	2.2	29	59	15	-10	20	16	125
Late returns and corrections for March 2021															
Palmerston North EWS	21	22.0	11.9	17.0	+0.4	27.4	2	5.3	20	103	10	+40	33	10	173
Late returns and corrections for February 2021															
Palmerston North EWS	21	24.2	11.8	18.0	-0.2	27.6	28	6.5	18	24	2	-52	22	15	243
Late returns and corrections for January 2021															
Palmerston North EWS	21	22.9	13.5	18.2	+0.4	27.6	15	6.3	30	86	11	+23	19	2	212
Scott Base	19	-1.5	-6.7	-4.1	..	-0.1	17	-11.0	30	..	..	..	..	..	..

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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