



Climate Database Statistics Report

November 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 November 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	19.4	14.3	16.9	+1.3	..	..	..	..	..	..	..	48	7	..
Kaitaia Aero EWS	80	21.4	13.7	17.6	+1.8	23.5	19	10.2	6	153	19	+80	36	22	..
Kaitaia Aero AWS	77	21.4	13.5	17.5	..	23.0	1	10.0	6	184	23	..	40	22	..
Kaitaia EWS	85	21.0	14.3	17.7	+1.8	23.8	15	11.0	29	164	18	+82	39	22	170
Kerikeri EWS	79	21.8	13.2	17.5	+1.7	25.8	30	8.2	6	248	22	+140	72	10	..
Kerikeri Aerodrome Aw	149	21.3	12.9	17.1	+1.4	24.9	30	8.9	6	268	25	+154	68	10	..
Kaikohe AWS	204	19.9	13.0	16.5	+1.5	23.6	11	9.0	6	215	25	+119	54	22	..
Trounson CWS	244	20.6	12.9	16.8	..	25.3	11	8.2	29	163	18	+61	27	22	..
Dargaville 2 EWS	66	21.1	13.6	17.4	+1.8	26.1	11	10.1	23	172	21	+118	36	8	121
Purerua AWS	87	20.5	14.1	17.3	..	22.7	5	10.5	6	249	23	..	62	10	..
Russell CWS	15	21.3	12.6	17.0	..	23.9	30	7.7	6	242	26	..	69	10	..
Whangarei Aero AWS	38	21.9	14.2	18.1	+1.6	25.8	30	10.5	6	367	25	+291	145	10	..
Whangarei EWS	12	22.1	13.1	17.6	..	26.1	30	8.6	6	327	23	..	130	10	154
Mokohinau AWS	70	19.3	15.8	17.6	+1.2	..	..	13.0	23	162	18	+113	48	8	..
Leigh 2 EWS	27	22.5	14.4	18.5	+2.3	26.0	19	11.4	6	180	20	+111	50	8	..
Warkworth EWS	72	20.5	12.3	16.4	+1.2	23.6	12	7.1	6	253	18	+161	63	10	..
Whangaparaoa AWS	100	21.0	14.0	17.5	+1.4	23.9	4	10.7	23	129	16	+68	23	10	..
Tiri Tiri Lighthouse	76	19.7	12.8	16.3	+0.5	23.1	30	9.7	25	171	21	+114	30	10	..
Auckland, Whenuapai A	26	21.0	12.7	16.9	+1.5	23.6	2	7.6	6	190	20	..	29	10	..
Auckland, North Shore	64	21.4	13.3	17.4	..	24.6	12	8.5	6	201	18	..	29	10	177
Auckland, Henderson N	7	22.5	12.4	17.5	+1.3	25.9	2	7.8	6	196	17	+101	26	10	..
Auckland, Motat EWS	16	21.6	13.8	17.7	..	24.4	12	8.7	6	170	15	..	24	10	196
Waiheke Island, Awaro	34	21.6	12.7	17.2	..	24.3	14	8.5	5	148	17	+67	31	10	..
Manukau Heads EWS	240	18.4	13.3	15.9	..	21.5	2	10.6	25	198	20	..	41	18	182
Whitianga Aero AWS	5	21.1	13.2	17.2	+1.4	24.2	12	8.1	29	..	..	..	..	..	..
Whitianga EWS	1	21.6	13.0	17.3	..	24.7	12	7.1	29	286	16	..	64	22	..
Thames EWS	3	21.7	13.4	17.6	..	23.7	9	9.9	6	175	17	..	46	22	..
Paeroa AWS	19	21.9	12.8	17.4	+1.6	25.1	2	8.8	29	195	20	+110	45	22	..
Tauranga CWS	3	20.2	13.4	16.8	..	..	..	..	..	..	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	166
Tauranga Aero AWS	5	21.0	13.8	17.4	+1.5	23.4	10	10.0	25	182	20	+108	42	11	197
Te Puke EWS	123	21.0	12.6	16.8	+1.9	23.8	14	8.1	29	243	18	+141	71	11	..
Whakatane Aero AWS	8	21.2	13.4	17.3	+2.0	25.3	14	8.6	29	206	20	+130	66	11	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	216
Whakatane EWS	1	21.6	13.5	17.6	..	25.9	14	7.8	29	192	18	..	70	11	..
Mamaku Radar WXT AWS	17	15.8	9.9	12.9	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	22.9	11.6	17.3	..	26.9	14	7.0	29	..	..	..	..	..	..
Rotorua EWS	288	19.9	10.7	15.3	..	23.1	12	6.6	29	200	21	..	32	17	207
Rotorua Aero AWS	286	19.9	10.8	15.4	+1.5	23.2	12	5.5	29	217	22	+123	36	11	..
Galatea AWS	175	20.5	11.7	16.1	..	23.4	14	6.9	29	..	..	..	..	..	..
Taupo CWS	360	20.6	10.5	15.6	..	24.0	15	6.3	2	193	19	..	40	22	..
Taupo AWS	402	19.4	10.8	15.1	+2.0	23.2	15	5.8	2	213	21	+145	52	22	..
Motu EWS	488	21.8	13.1	17.5	+5.5	25.5	1	6.8	8	450	22	+276	105	22	..
Auckland, Mangere 2 E	16	21.3	14.0	17.7	..	24.2	16	10.0	6	153	18	..	25	17	172
Auckland Aero	7	21.4	14.0	17.7	+1.5	24.5	12	10.8	6	165	21	+93	22	20	..
Auckland Aero Backup	7	21.3	14.1	17.7	..	24.5	12	11.0	6	165	22	..	22	20	..
Ardmore Aero AWS	41	21.1	12.6	16.9	..	..	..	8.0	6	..	..	..	..	..	..
Pukekohe EWS	88	20.1	11.7	15.9	+0.8	23.2	1	7.1	6	172	19	+74	35	22	..
Firth Of Thames EWS	3	21.8	12.3	17.1	..	24.3	14	7.0	6	122	18	..	26	22	162
Whatawhata 2 EWS	118	21.0	11.9	16.5	+1.8	..	..	8.4	7	..	..	..	..	..	..
Hamilton, Ruakura 2 E	45	21.7	11.7	16.7	+1.8	25.1	2	8.2	2	208	20	+125	41	22	180
Hamilton AWS	53	21.2	11.6	16.4	+1.7	25.6	2	7.9	27	202	23	+113	67	22	..
Lake Karapiro CWS	55	21.5	13.4	17.5	..	25.7	2	9.9	25	153	23	..	27	22	..
Port Taharoa AWS	18	20.1	14.6	17.4	+1.9	..	..	..	..	..	..	..	..	..	..
Waikeria EWS	37	21.9	11.3	16.6	..	25.8	2	6.7	2	184	20	..	43	20	174
Te Kuiti EWS	61	21.8	11.0	16.4	+1.6	25.6	15	5.7	2	281	22	+165	52	22	165
Pureora Forest CWS	549	17.8	9.1	13.5	..	22.1	15	3.5	2	316	24	..	75	22	..
Taumarunui EWS	170	21.1	10.6	15.9	..	26.2	15	5.7	2	293	24	..	49	18	..
Taumarunui AWS	186	21.1	10.6	15.9	..	26.8	15	5.1	2	..	..	..	..	..	..
Turangi 2 EWS	360	20.1	9.8	15.0	+1.7	23.9	12	2.9	2	249	22	+124	69	22	182
New Plymouth AWS	28	19.7	12.9	16.3	+2.1	23.0	10	7.8	6	171	22	+67	30	18	227
Lower Retaruke CWS	233	20.5	10.4	15.5	..	26.0	15	5.7	2	302	27	+172	49	18	..
Mt Ruapehu, Chateau E	1097	14.1	5.8	10.0	+1.6	18.0	2	0.6	2	425	27	+189	71	22	..

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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	Hrs		
Pahiatua EWS	110	20.3	11.1	15.7	..	25.5	15	4.1	7	94	16	..	25	22	..
Masterton Aero AWS	105	21.0	10.6	15.8	..	26.3	16	4.3	8	..	..	..	62	17	..
Masterton EWS	90	22.0	10.4	16.2	..	28.0	16	4.2	8	..	..	..	..	..	218
Masterton, Te Ore Ore	110	21.8	10.9	16.4	..	27.6	16	4.5	8	86	14	+17	39	17	..
Takapau Plains AWS	346	20.1	10.2	15.2	+2.0	25.2	2	6.0	7	174	20	..	63	17	..
Dannevirke EWS	207	20.6	11.6	16.1	..	24.7	2	8.0	8	99	17	..	34	17	162
Cape Turnagain AWS	285	16.3	11.8	14.1	..	..	..	8.4	25	..	..	..	..	..	..
Akitio EWS	245	18.2	11.5	14.9	..	23.0	16	7.8	25	147	15	..	30	17	222
Castlepoint AWS	120	18.9	12.8	15.9	+1.5	..	..	..	..	..	..	..	..	..	..
Baring Head	79	18.4	12.5	15.5	..	25.3	15	9.6	25	76	17	..	18	18	..
Te Wharau, Brackenfie	292	19.0	9.3	14.2	..	24.3	14	-1.5	22	136	9	..	54	17	..
Martinborough EWS	20	21.5	11.8	16.7	+2.7	26.8	15	4.9	9	76	13	..	34	17	181
Ngawi AWS	8	20.7	13.8	17.3	+1.9	25.7	15	9.5	9	66	11	..	20	18	..
Hicks Bay AWS	46	19.5	14.5	17.0	+1.8	..	..	10.2	8	..	..	..	..	..	..
Gisborne AWS	5	22.4	12.7	17.6	+1.8	25.5	2	5.9	8	81	17	+18	27	11	216
Gisborne EWS	12	23.8	13.0	18.4	..	27.3	2	7.0	8	71	13	..	20	11	..
Tolaga Bay WXT AWS	15	20.7	13.0	16.9	..	..	..	7.2	8	..	..	..	..	..	..
Tutira CWS	235	20.5	12.3	16.4	..	25.6	2	8.5	8	195	19	..	52	16	..
Napier Aero AWS	3	21.9	12.5	17.2	+1.9	27.9	2	8.3	25	112	17	+56	24	11	..
Napier EWS	7	22.8	14.4	18.6	..	29.4	2	11.1	25	78	15	..	20	11	243
Maraekakaho CWS	150	22.1	11.6	16.9	..	28.2	2	6.5	29	62	17	..	19	11	..
Hastings AWS	16	23.0	12.2	17.6	..	29.7	2	..	..	..	..	..	..	..	..
Whakatu EWS	5	22.8	11.4	17.1	+2.6	29.0	2	6.3	29	78	16	..	24	11	..
Waipawa EWS	130	22.8	9.8	16.3	..	29.5	2	5.1	5	62	14	..	14	11	183
Wairoa, North Clyde E	15	24.1	12.4	18.3	+2.6	29.0	2	7.5	26	96	16	+21	29	9	..
Wairoa Aero AWS	13	22.8	11.8	17.3	..	27.7	2	6.8	6	123	17	..	38	9	..
Mahia Radar WXT AWS	419	16.8	12.0	14.4	..	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	113	19.0	14.6	16.8	..	22.9	2	11.7	25	..	..	..	..	..	..
Paraparaumu Aero	5	19.6	12.2	15.9	+2.0	23.1	14	4.5	11	199	17	+120	54	18	246
Paraparaumu Aero AWS	8	19.4	12.5	16.0	+2.1	22.9	14	4.8	11	205	19	+125	54	18	252
Paraparaumu EWS	5	19.7	12.5	16.1	..	23.3	14	5.1	11	171	17	+101	44	18	246
Ohakea AWS	47	20.4	12.1	16.3	..	..	..	7.8	9	..	..	..	..	..	..
Palmerston North AWS	39	20.8	11.8	16.3	+2.2	24.5	15	6.6	2	126	19	+51	32	22	..
Palmerston North EWS	21	21.2	12.3	16.8	+2.6	24.7	16	7.1	2	110	16	+31	25	22	179
Levin AWS	15	20.6	12.2	16.4	+2.4	26.1	18	6.4	9	152	18	+53	40	18	..
Levin EWS	23	18.8	10.1	14.5	..	24.2	18	4.2	6	129	17	..	35	18	234
Mana Island AWS	110	17.2	12.7	15.0	..	21.0	18	10.1	9	..	..	..	..	..	..
Porirua, Elsdon Park	7	19.3	12.8	16.1	..	23.9	18	7.2	9	245	16	..	66	26	..
Wellington, Kelburn A	125	18.6	12.3	15.5	+2.1	23.4	18	7.8	25	145	18	+47	31	27	..
Wellington Aero	4	19.4	13.5	16.5	+2.0	23.9	15	9.8	25	129	16	+54	41	18	..
Wellington, Greta Poi	3	21.1	13.6	17.4	..	26.3	15	9.5	25	109	17	..	30	18	..
Wellington Aero Backu	4	19.4	13.5	16.5	..	23.9	15	9.7	25	123	16	..	39	18	..
Upper Hutt, Trentham	50	20.0	11.5	15.8	..	25.0	15	4.7	7	167	18	..	33	18	231
Stratford EWS	280	19.4	9.7	14.6	+2.1	24.8	15	4.9	29	277	22	+125	52	19	..
Hawera AWS	100	18.9	11.4	15.2	+2.1	..	..	7.5	6	..	..	..	..	..	..
Ohakune EWS	607	18.1	8.7	13.4	+1.8	..	..	..	..	..	..	..	..	..	..
Waiouru Airstrip AWS	820	16.9	7.3	12.1	..	21.9	2	1.6	29	149	24	..	30	16	..
Waiouru EWS	803	17.2	7.8	12.5	..	22.9	15	4.0	25	135	22	..	30	16	..
Flat Hills WXT AWS	262	19.8	11.6	15.7	..	23.2	12	6.9	11	138	20	+53	28	17	..
Whanganui, Spriggens	15	21.0	12.7	16.9	+2.0	25.2	22	8.7	9	153	14	+78	46	22	..
Whanganui AWS	14	20.5	12.7	16.6	+2.1	24.7	2	7.4	6	165	19	+92	54	22	..
Wanganui 2 AWS	18	22.6	12.5	17.6	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	20.8	9.7	15.3	+1.3	24.2	7	5.8	5	239	13	+80	49	2	250
Farewell Spit AWS	3	21.4	12.9	17.2	+2.5	24.5	9	9.1	8	..	..	..	..	..	..
Westport Aero AWS	5	18.2	10.9	14.6	+1.4	23.6	10	7.0	25	245	21	+77	91	2	..
Westport EWS	6	18.0	11.0	14.5	..	22.8	10	6.4	28	248	20	..	95	2	228
Arapito EWS	3	19.4	9.8	14.6	..	23.5	17	6.1	11	211	20	..	34	2	195
Hokitika Aero	39	18.5	10.3	14.4	+1.8	25.2	10	6.0	11	279	20	+54	76	2	199
Hokitika AWS	40	18.5	10.2	14.4	+1.8	25.1	10	5.9	11	288	20	+91	74	2	234
Hokitika EWS	39	18.5	10.0	14.3	..	25.2	10	5.6	11	264	20	..	69	2	..
Reefton EWS	198	20.2	9.4	14.8	+1.4	26.5	15	4.9	28	214	20	+52	53	2	177
Greymouth Aero EWS	5	18.8	10.9	14.9	..	25.1	18	7.2	6	355	20	..	100	2	198
Pigeon Creek CWS	105	18.4	9.8	14.1	..	23.8	15	5.3	6	517	21	..	191	2	..

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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	7.1	1.6	4.4	..	14.6	9	-2.9	25	808	22	..	329	2	..
Mahanga EWS	1995	5.4	0.6	3.0	..	12.1	9	-3.9	24	336	21	..	119	2	..
Ivory Glacier CWS	1390	9.0	2.5	5.8	..	15.3	16	-0.8	24	947	19	..	375	2	..
Okarito EWS	1	18.3	10.6	14.5	..	22.4	18	5.5	6	313	19	..	78	2	..
Franz Josef EWS	80	18.5	9.5	14.0	+2.4	23.1	18	5.2	25	497	19	..	163	2	151
Haast AWS	1	17.2	9.8	13.5	+1.6	20.7	10	4.2	25	286	25	..	47	2	..
Milford Sound AWS	3	17.2	9.6	13.4	+1.2	23.0	18	4.2	6	..	..	..	..	..	..
Milford Sound EWS	3	17.2	9.6	13.4	..	23.3	18	4.5	6	..	..	..	..	..	..
Secretary Island AWS	19	17.1	10.7	13.9	+2.0	..	..	6.4	27	..	..	..	..	..	..
Puysegur Point AWS	45	15.7	10.7	13.2	+2.1	22.3	15	6.7	27	200	22	-3	42	21	..
Stephens Island AWS	188	17.4	12.2	14.8	..	19.8	18	10.3	11	81	18	..	18	18	..
Motueka, Riwaka EWS	8	21.3	9.7	15.5	+1.3	..	..	..	..	166	15	+67	63	17	..
Pelorus Sd, Crail Bay	13	20.1	12.6	16.4	+1.8	23.9	9	7.4	25	198	..	+47	..	..	..
Nelson Aero	2	20.1	11.7	15.9	+1.6	23.0	10	7.5	25	108	16	+30	18	19	242
Appleby 2 EWS	18	20.5	9.4	15.0	+1.0	24.0	10	2.4	11	100	15	..	19	17	238
Richmond EWS	1	19.4	10.3	14.9	..	22.7	3	5.7	8	90	15	..	15	19	253
Nelson AWS	6	19.8	11.7	15.8	+1.2	..	..	..	..	..	..	..	..	..	..
Blenheim Research EWS	4	21.3	11.7	16.5	+1.8	27.8	15	6.4	25	73	15	+22	27	18	257
Blenheim Aero AWS	36	21.2	10.3	15.8	+1.5	..	..	..	..	..	..	..	..	..	..
Brothers Island AWS	68	17.3	13.2	15.3	+1.5	21.1	9	11.1	28	..	..	..	..	..	..
Grassmere Salt Works	2	20.5	13.8	17.2	+2.1	24.1	3	8.7	7	71	9	+23	26	18	..
Cape Campbell AWS	6	17.6	12.7	15.2	+1.5	..	..	10.1	9	..	..	..	..	..	..
Hanmer Forest EWS	363	22.0	6.9	14.5	+2.4	30.2	15	-1.3	11	98	14	+4	28	27	..
Kaikoura, Middle Cree	5	19.7	9.3	14.5	..	25.9	3	2.7	11	139	12	..	75	18	..
Kaikoura AWS	108	19.0	11.7	15.4	+2.1	26.0	2	7.0	11	130	9	+71	52	27	..
Arthurs Pass	745	15.6	6.5	11.1	+1.7	22.9	9	1.4	28	612	21	+189	242	2	..
Arthurs Pass EWS	745	15.5	6.3	10.9	+1.4	22.9	9	1.2	28	624	21	+233	260	2	..
Arthurs Pass AWS	743	14.8	6.4	10.6	..	22.0	9	1.4	28	..	..	..	..	..	..
Culverden AWS	181	20.0	9.7	14.9	..	26.8	15	1.6	11	104	19	..	35	18	..
Medbury CWS	232	19.8	8.1	14.0	..	27.8	15	-0.1	11	84	13	..	32	18	..
Balmoral East CWS	172	20.2	8.7	14.5	..	27.5	15	0.6	11	88	12	..	35	18	..
Waipara North Branch	497	18.5	6.5	12.5	..	25.8	15	-1.8	11	143	16	..	42	18	..
Waiiau School CWS	136	21.5	9.3	15.4	..	27.9	15	1.1	11	74	13	..	31	18	..
Upper Rakaia EWS	1752	6.8	0.7	3.8	..	12.7	9	-4.2	25	361	25	..	120	2	..
Mt Potts EWS	2128	5.6	-0.9	2.4	..	11.0	12	-6.5	24	..	..	..	..	..	..
Mt Cook EWS	730	17.0	6.9	12.0	+1.1	23.0	12	1.9	28	557	16	+190	244	2	164
Mueller Hut EWS	1818	7.7	1.8	4.8	..	13.0	9	-4.1	24	659	21	..	320	2	..
Mt Cook Aero AWS	656	17.5	6.6	12.1	..	23.7	15	-0.3	28	..	..	..	..	..	..
Cass EWS	571	18.9	7.1	13.0	..	24.8	15	-1.0	11	204	17	..	96	2	..
Methven CWS	313	19.0	9.1	14.1	..	26.9	15	2.7	11	164	16	..	34	30	..
Winchmore 2 EWS	164	19.4	8.7	14.1	..	25.4	2	3.1	28	85	11	..	23	19	214
Chertsey CWS	108	18.9	9.7	14.3	..	24.6	2	3.7	28	66	9	..	22	19	..
Mayfield at Ruapuna F	325	18.2	8.1	13.2	..	24.1	15	2.2	5	156	26	..	38	19	..
Peel Forest	286	18.9	8.2	13.6	+1.7	24.5	1	3.1	11	282	22	+184	94	20	..
Lismore, Racemans Hou	168	20.0	10.2	15.1	..	25.8	15	5.5	11	99	14	..	30	19	..
Ashburton Aero AWS	88	19.6	9.1	14.4	..	25.7	2	3.2	5	68	12	..	17	18	..
Waipara West EWS	130	20.9	9.8	15.4	..	27.6	12	2.1	11	122	13	..	38	18	198
Ohoka CWS	19.6	9.8	14.7	..	28.0	2	4.1	11	87	10	..	..	41	19	..
Rangiora EWS	23	20.4	10.3	15.4	+2.3	27.4	2	4.3	11	104	9	..	38	18	223
Christchurch Aero	37	20.2	10.2	15.2	+1.7	28.7	2	3.2	11	120	13	+74	38	18	224
Christchurch Aero Bac	37	20.2	10.3	15.3	..	28.7	2	3.3	11	111	14	..	39	18	..
Christchurch Gardens	7	21.1	11.3	16.2	+2.1	28.6	2	6.2	25	127	13	+81	52	18	..
Christchurch, Kyle St	6	21.0	11.4	16.2	+2.1	29.8	2	6.2	25	112	9	..	47	18	..
Christchurch Botanic	17	20.9	11.3	16.1	..	28.7	2	6.3	25	124	13	..	52	18	..
Bromley EWS	3	19.7	11.8	15.8	..	26.9	2	7.6	1	87	9	..	35	18	231
Lincoln, Broadfield E	18	19.9	10.7	15.3	+2.0	28.4	2	5.2	25	64	10	+15	24	18	214
Sugar Loaf AWS	496	17.1	9.2	13.2	..	25.1	2	5.2	25	..	..	..	..	..	..
Diamond Harbour EWS	122	18.5	10.9	14.7	..	..	..	..	..	71	10	..	29	18	230
Akaroa EWS	45	20.8	10.9	15.9	+1.9	27.0	2	6.3	25	87	11	+17	42	18	225
Le Bons Bay AWS	238	16.5	10.4	13.5	+1.5	..	..	..	..	..	..	..	..	..	..
Lake Tekapo, Air Safa	762	17.4	6.0	11.7	+0.5	..	..	..	..	95	14	+54	33	2	..
Lake Tekapo EWS	762	18.0	6.2	12.1	+1.0	24.9	15	0.2	28	91	14	..	32	2	221
Fairlie AWS	403	17.4	8.2	12.8	..	..	..	4.1	5	131	20	..	30	30	..

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

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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		
Pukaki Aerodrome AWS	461	19.8	6.9	13.4	..	26.1	15	1.2	11	89	18	..	15	2	..
Orari Estate	81	19.6	9.0	14.3	+1.5	25.9	29	2.7	11	88	14	+34	27	19	..
Orari Estate EWS	81	19.6	8.9	14.3	..	25.2	2	2.7	11	84	14	..	26	19	..
Timaru Aero AWS	27	19.2	8.6	13.9	+1.6	25.1	2	2.0	11	94	16	+44	41	19	..
Timaru EWS	17	18.3	10.3	14.3	+1.5	26.6	2	5.9	28	65	12	+18	30	19	..
Otaio @ Springbank ro	14	17.6	10.0	13.8	..	24.7	2	5.5	28	79	15	..	36	19	..
Waimate CWS	39	18.7	9.9	14.3	..	26.1	2	5.2	28	95	15	..	45	19	..
Oamaru Airport AWS	30	17.4	9.4	13.4	+1.4	25.4	2	5.3	28	73	18	+31	25	19	..
Albert Burn	1280	11.3	4.0	7.7	..	19.3	11	-0.9	25	282	22	..	57	2	..
Mt Larkins EWS	1900	5.5	0.9	3.2	..	12.2	11	-4.5	27	234	27	..	37	2	..
Eglinton, Knobs Flat	365	17.8	7.1	12.5	..	25.9	11	0.4	6	261	21	..	50	2	..
Tara Hills AWS	485	19.1	6.7	12.9	+0.7	25.0	15	1.9	11	74	18	+32	11	1	..
Wanaka CWS	331	19.4	8.7	14.1	..	26.8	11	2.8	6	77	17	..	17	2	..
Wanaka Aero AWS	352	20.0	8.7	14.4	+1.4	26.4	11	4.2	6	75	17	+40	16	2	..
Windsor EWS	81	18.9	8.5	13.7	+1.4	25.4	2	3.6	28	71	18	+34	21	19	..
Ranfurly EWS	450	19.2	6.8	13.0	+1.7	25.6	15	0.8	11	38	11	+2	11	26	..
Oamaru AWS	40	17.3	9.6	13.5	+1.0	25.1	2	5.2	28	75	18	..	41	19	..
Palmerston	21	18.4	9.1	13.8	+1.9	25.9	2	3.7	11	60	11	+17	38	19	153
Middlemarch EWS	213	20.4	7.0	13.7	+1.6	28.7	15	-1.1	11	23	12	..	10	26	198
Swampy Summit AWS	716	13.6	5.9	9.8	..	22.0	15	1.0	14	..	..	..	..	..	..
Dunedin Aero AWS	2	19.6	7.6	13.6	+1.5	29.5	15	1.3	10	30	18	-20	6	16	..
Dunedin, Musselburgh	4	17.2	10.2	13.7	+1.3	23.0	2	6.5	10	27	16	-29	8	19	207
Oamaru EWS	20	19.2	9.3	14.3	..	28.2	2	4.0	28	50	13	..	21	19	187
Murchison Mtns EWS	1140	10.3	3.7	7.0	..	19.3	11	-0.9	24	299	18	..	52	2	..
Te Anau At Park HQ Cw	204	17.6	8.3	13.0	..	25.4	11	1.7	6	..	..	..	..	..	..
Manapouri, West Arm J	178	18.0	7.9	13.0	+2.3	26.3	11	1.7	6	243	18	..	39	1	..
Manapouri Aero AWS	209	18.3	6.6	12.5	+1.5	25.9	11	-1.2	6	126	17	+30	33	2	..
Birchwood WXT AWS	149	17.4	8.2	12.8	..	23.7	14	2.5	27	106	15	..	34	16	..
Queenstown EWS	322	19.7	8.7	14.2	..	26.3	11	4.4	3	98	17	..	44	2	..
Queenstown Aero AWS	357	18.4	7.7	13.1	+1.2	25.1	11	2.4	6	108	20	+40	44	2	202
Five Rivers CWS	260	18.1	7.9	13.0	..	23.2	11	3.3	13	146	14	..	50	2	..
Lumsden AWS	194	18.1	7.4	12.8	+1.4	23.1	11	3.5	28	171	16	..	49	2	..
Cromwell EWS	213	21.6	8.2	14.9	+1.2	27.9	11	2.9	28	46	14	..	16	17	211
Lauder EWS	375	19.7	7.4	13.6	+1.5	25.4	11	2.3	7	36	14	-5	10	26	..
Ophir 2	305	20.7	6.8	13.8	..	26.5	11	1.1	7	56	15	..	16	20	..
Alexandra	150	22.2	9.3	15.8	+1.6	28.0	11	4.8	28	61	17	..	20	20	219
Clyde 2 EWS	170	21.6	7.8	14.7	..	27.5	11	3.0	7	45	13	..	11	26	..
Alexandra AWS	231	20.5	8.5	14.5	..	26.4	11	4.5	28	73	16	..	35	17	..
Alexandra EWS	132	21.6	9.2	15.4	..	27.5	11	5.3	28	45	12	..	15	20	216
Roxburgh WXT AWS	160	19.5	9.3	14.4	..	24.9	14	5.1	28	..	..	..	..	..	..
Tapanui EWS	180	19.5	7.0	13.3	..	26.4	15	0.3	27	47	16	..	19	2	..
Gore AWS	123	18.2	8.2	13.2	+1.8	24.3	11	1.3	27	90	18	+6	38	2	..
Gore EWS	60	18.5	7.8	13.2	..	25.0	11	-0.1	27	88	13	..	33	2	203
Invercargill Aero	1	17.7	8.1	12.9	+1.5	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	3	17.7	8.1	12.9	+1.5	23.2	16	2.9	28	..	..	..	..	..	..
Invercargill Aero 2 E		17.4	7.7	12.6	..	..	..	..	..	..	..	..	..	..	..
Tiwai Point EWS	5	16.8	9.8	13.3	+1.5	22.2	15	3.9	14	62	14	-25	18	23	..
Stewart Island EWS	3	16.5	8.7	12.6	..	22.7	15	3.7	27	68	19	..	14	21	..
Balclutha, Telford Ew	11	17.6	7.5	12.6	..	23.0	2	1.7	27	54	13	..	20	2	152
Balclutha, Finegand E	6	18.4	8.2	13.3	..	24.0	15	2.9	27	49	14	..	21	2	..
Nugget Point AWS	131	15.6	9.1	12.4	+1.2	21.6	2	6.6	14	69	21	+3	20	2	..
Tautuku	25	17.7	7.8	12.8	+1.5	26.5	15	3.0	28	107	12	-4	29	2	..
Tautuku EWS	25	17.1	8.1	12.6	..	27.1	15	2.9	28	106	18	..	28	2	..
South West Cape AWS	103	15.5	9.2	12.4	+1.8	22.0	14	5.7	5	80	27	-29	16	21	..
Kiribati,Cassidy Chri	3	30.3	24.8	27.6	..	31.5	7	23.2	26	..	..	..	..	..	..
Solomon, Taro Is	3	32.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.8	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.4	24.0	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.9	23.2	27.6	..	..	..	22.0	8	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	23.8	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.5	22.6	26.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Lamap	22	30.2	24.3	27.3	..	..	..	..	..	294	20	..	82	11	..
Vanuatu, Bauerfield	20	30.9	22.3	26.6	..	32.9	30	20.4	2	..	..	..	..	..	..

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

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
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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	Hrs		
Vanuatu,Burtonfield	70	30.3	22.6	26.5	
Vanuatu,Aneityum	6	30.4	22.5	26.5	..	..	..	19.7	16	149	21	..	31	20
New Cal, Koumac	18	30.4	21.4	25.9	..	33.5	28	20.3	1	..	..	..	..	..
New Cal, Oulop	7	29.8	23.4	26.6	..	..	..	..	..	..	..	..	..	..
New Cal, Ouanaham	29	29.5	21.9	25.7	..	32.0	22	17.3	16	..	..	..	..	..
New Cal, La Roche	42	29.5	20.1	24.8	..	32.4	18	14.0	15	..	..	..	..	..
New Cal, La Tontouta	14	30.2	19.9	25.1	..	34.6	29	16.2	27	..	..	..	..	..
New Cal, Nouma	72	29.7	21.4	25.6	..	33.5	28	19.1	26	..	..	..	..	..
New Cal, Moue	97	27.8	21.0	24.4	..	31.1	22	16.3	27	..	..	..	..	..
Kiribati,Tarawa	2	..	25.5	..	..	..	..	22.0	7	20	2	..	19	29
Kiribati, Bonriki Int	4	..	25.5	..	..	..	..	21.0	7	..	..	..	..	..
Kiribati,Beru	2	..	24.8	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Arorae	7	31.8	25.7	28.8	..	32.4	19	22.0	8	..	..	..	..	..
Tuvalu,Nanumea Is	2	33.3	26.0	29.7	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	31.8	25.8	28.8	..	..	..	24.2	2	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.3	25.7	29.0	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	31.8	25.4	28.6	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.8	22.3	26.6	..	..	..	..	..	..	..	..	..	..
Fiji,Nausori Aero	6	30.8	22.2	26.5	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.2	24.9	27.6	..	30.9	30	22.5	14	..	..	..	..	..
Maopopo, Futuna Isla	36	31.2	25.0	28.1	..	..	..	..	..	..	..	..	..	..
Samoa,Faleolo	4	31.5	23.2	27.4	..	35.1	25	..	..	..	..	..	..	..
Samoa, Apia	1	29.9	23.4	26.7	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.3	25.2	27.8	..	31.9	24	22.7	30	..	..	..	..	..
Tonga, Queen Lavinia	60	29.8	23.6	26.7	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	..	23.5	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	28.7	22.1	25.4	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	28.5	23.4	26.0	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	28.3	21.3	24.8	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	27.3	21.4	24.4	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	32.3	23.8	28.1	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.7	22.3	27.0	..	33.3	19	21.1	1	17	8	..	8	22	
Society Is, Mopelia		28.2	23.2	25.7	..	29.7	29	21.7	13	..	..	..	..	..
Tahiti - Faaa	1	28.8	23.0	25.9	..	30.8	30	20.6	19	286	18	..	64	5	
Tuamotu, Takaroa	2	29.4	24.0	26.7	..	30.3	14	20.4	27	..	..	..	..	..
Tuamotu, Hao	3	27.4	23.3	25.4	..	29.2	22	20.6	3	..	..	..	..	..
Gambier, Rikitea	91	24.5	18.8	21.7	..	27.3	14	14.8	2	232	19	..	48	15	
Tubuai	2	25.0	19.9	22.5	..	27.5	30	15.3	13	..	..	..	..	..
Rapa	1	22.0	17.4	19.7	..	24.9	14	13.6	11	55	16	..	18	7	
Enderby Is AWS	39	11.9	7.4	9.7	..	14.0	29	3.6	5	57	24	..	10	1	
Campbell Island AWS	16	10.8	6.4	8.6	+1.4	15.0	15	1.9	5	86	24	-20	13	1	
Chatham Island Aero A	12	17.8	11.7	14.8	..	21.9	4	5.5	8	78	19	..	30	12	
Georg Von Neumayer	40	-7.3	-15.7	-11.5	..	-1.0	26	-25.6	8	..	..	..	..	..
Ant South Pole	2827	-38.6	-42.5	-40.6	..	-25.0	27	-50.1	8	..	..	..	..	..
Gen Belgrano 2	256	-3.2	-13.0	-8.1	..	7.1	2	-22.1	2	..	..	..	..	..
Bellingshausen	16	1.5	-0.2	0.7	..	5.2	17	-3.4	1	..	..	..	..	..
Base Jubany	4	3.1	..	..	..	6.8	15	..	..	..	..	..	..	..
V C Marambio	198	3.3	-4.3	-0.5	..	8.1	7	-16.8	2	..	..	..	..	..
Eduardo Frei	10	0.1	-1.2	-0.6	..	..	..	-3.5	1	..	..	..	..	..
Arturo Prat		1.8	-0.1	0.9	..	..	..	-2.1	1	..	..	..	..	..
Bernado Ohiggins	10	0.6	-1.5	-0.5	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	2.2	..	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	0.7	-2.0	-0.7	..	2.6	6	-5.1	2	..	..	..	..	..
Argentine Is, Faraday	11	1.3	-1.6	-0.2	..	4.2	17	-3.6	1	..	..	..	..	..
Gen San Martin	4	2.6	-2.8	-0.1	..	7.9	19	-7.3	2	..	..	..	..	..
Novolax Arevskaja	99	-2.8	-7.6	-5.2	..	1.3	16	-13.4	6	..	..	..	..	..
Maitri		-2.0	-8.0	-5.0	..	..	..	..	..	..	..	..	..	..
Syowa	21	-4.4	-10.3	-7.4	..	-0.2	14	-21.1	1	..	..	..	..	..
Mawson	16	-3.6	-12.0	-7.8	..	2.3	29	-17.4	11	..	..	..	..	..
Davis	13	-3.6	-10.2	-6.9	..	..	..	-13.9	14	..	..	..	..	..
Progress	64	-3.8	-9.5	-6.7	..	-0.1	16	
Mirnyj	30	-4.2	-11.7	-8.0	..	2.7	24	-19.0	8	
Vostok	3420	-39.8	-50.6	-45.2	-57.7	6	

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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	Hrs		
Casey	41	-3.1	-9.7	-6.4	-17.0	13	
Wilkins Runway East	755	-8.1	-15.8	-12.0	..	..	..	..	..	..	..	..	..	..
Durmout Durville	43	-2.8	-9.0	-5.9	..	4.4	30	-16.3	9	..	..	..	..	..
Mcmurdo	24	-9.0	-15.1	-12.1	..	..	..	..	..	..	..	..	..	..
Arrival Heights EWS	218	-10.6	-17.2	-13.9	..	-2.0	29	-24.4	13	..	..	..	..	..
Scott Base EWS	20	-10.6	-18.7	-14.7	..	-0.9	28	-29.0	5	..	..	..	..	..
Scott Base 2 EWS	43	-10.3	-18.6	-14.5	..	-0.8	28	-28.8	5	..	..	..	..	..
Darwin Airport	31	34.1	16.6	25.4	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for October 2022															
Auckland Aero	7	18.9	11.7	15.3	+0.8	23.5	28	3.2	7	107	15	+13	42	29	..
Wellington Aero	4	15.9	9.9	12.9	+0.0	21.9	31	4.3	8	61	14	-34	13	1	..
Nelson Aero	2	17.0	8.7	12.9	+0.5	20.7	24	0.5	7	20	7	-67	7	28	208
Ashburton Council	101	19.3	4.2	11.8	+0.1	29.0	23	-0.5	1	37	11	-22	13	27	..
Christchurch Aero	37	16.8	4.4	10.6	-0.8	26.2	29	-2.8	22	36	12	-13	10	5	236
Christchurch Gardens	7	18.0	6.0	12.0	-0.2	26.0	23	0.2	1	33	9	-20	9	5	..
Middlemarch EWS	213	17.0	2.3	9.7	-0.4	26.3	23	-5.3	4	58	13	..	19	27	217
Invercargill Aero 2 E		14.9	3.9	9.4	..	23.7	29	-2.8	1	..	..	..	..	..	..
Late returns and corrections for September 2022															
Nelson Aero	2	15.3	6.9	11.1	+0.7	18.0	3	0.0	7	93	16	+8	36	29	158
Late returns and corrections for August 2022															
Moawhango, Pokaka	462	13.8	3.2	8.5	..	21.5	19	-4.0	14	59	..	-10	..	..	..
Ashburton Council	101	13.9	3.7	8.8	+1.4	20.5	31	-6.5	12	70	19	+8	18	7	..
Christchurch Gardens	7	14.4	4.2	9.3	+1.4	21.0	24	-2.1	12	26	12	-38	7	6	..
Late returns and corrections for July 2022															
Tiri Tiri Lighthouse	76	15.7	9.7	12.7	+1.0	18.2	8	7.0	17	227	24	+125	44	19	..
Ettrick No.2	91	9.9	0.3	5.1	+0.9	16.3	5	-5.8	11	45	12	+16	13	18	..
Late returns and corrections for June 2022															
Tiri Tiri Lighthouse	76	16.2	10.6	13.4	+0.8	20.0	1	6.7	21	118	..	+22	..	..	..
Late returns and corrections for May 2022															
Tiri Tiri Lighthouse	76	18.5	12.6	15.6	+1.0	22.3	17	8.5	12	89	20	+0	24	31	..
Late returns and corrections for April 2022															
Tiri Tiri Lighthouse	76	20.9	14.6	17.8	+1.0	26.1	6	11.8	24	42	14	-29	13	19	..
Late returns and corrections for October 2021															
Mt Somers, Somer Down	372	16.7	5.9	11.3	..	22.5	30	0.0	11	80	17	..	30	11	..

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.