



Climate Database Statistics Report

July 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 July 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		
Kaitaia Aero EWS	80	16.6	10.9	13.8	+1.8	18.6	11	4.4	3	301	26	+166	56	11	..
Kaitaia Aero AWS	77	16.6	10.8	13.7	..	19.0	8	5.0	3	326	29	..	58	11	..
Kaitaia EWS	85	16.7	11.4	14.1	+2.1	19.8	11	5.4	3	301	26	+145	59	11	105
Kerikeri EWS	79	17.2	9.5	13.4	+2.0	20.1	9	2.9	3	512	24	+332	93	11	..
Kerikeri Aerodrome Aw	149	16.2	9.4	12.8	+1.7	18.7	20	4.4	3	572	30	+367	114	24	..
Trounson CWS	244	15.7	9.9	12.8	..	20.3	8	3.3	18	296	24	+37	70	11	..
Dargaville 2 EWS	66	16.3	10.1	13.2	+2.1	20.5	8	3.9	18	208	22	+66	44	11	112
Purerua AWS	87	16.6	10.9	13.8	..	18.9	9	7.1	17	347	26	..	66	19	..
Russell CWS	15	16.5	9.0	12.8	..	..	..	..	..	..	..	..	..	..	..
Whangarei Aero AWS	38	16.9	10.0	13.5	+1.9	20.2	8	4.8	18	373	28	+204	84	19	..
Whangarei EWS	12	17.2	9.0	13.1	..	20.4	9	3.0	18	312	25	..	63	19	118
Mokohinau AWS	70	16.1	13.0	14.6	+1.5	..	..	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	17.1	11.6	14.4	+1.9	19.8	19	7.2	17	291	23	+161	66	19	..
Warkworth EWS	72	15.9	8.5	12.2	+1.8	19.3	8	2.5	18	360	23	+180	86	11	..
Whangaparaoa AWS	100	15.9	10.9	13.4	+1.8	18.4	8	7.0	17	200	23	+99	34	11	..
Auckland, Whenuapai A	26	16.1	8.8	12.5	+2.3	20.8	8	2.1	18	293	27	..	69	11	..
Auckland, North Shore	64	16.4	9.5	13.0	..	19.9	8	3.8	18	271	22	..	59	11	..
Auckland, Motat EWS	16	16.7	9.5	13.1	..	20.3	8	3.5	18	275	23	..	65	11	115
Waiheke Island, Awaro	34	16.7	9.2	13.0	..	..	..	2.1	18	297	17	+143	43	7	..
Manukau Heads EWS	220	14.5	10.2	12.4	..	19.2	8	6.1	23	358	22	..	87	11	119
Whitianga Aero AWS	5	16.2	9.1	12.7	+2.4	19.4	8	0.6	3	402	26	+160	76	25	..
Whitianga EWS	1	16.9	9.1	13.0	..	19.5	8	1.4	18	377	22	..	80	25	..
Thames 2	3	16.8	9.2	13.0	+2.6	20.8	8	2.7	23	237	24	+89	31	25	122
Paeroa AWS	19	16.1	8.4	12.3	+2.6	20.5	8	0.8	23	236	29	+75	30	5	..
Matamata, Hinuera EWS	85	15.6	6.3	11.0	+2.7	18.5	8	-0.1	22	193	20	..	33	8	..
Tauranga CWS	3	..	8.6	..	..	..	..	..	..	..	..	..	..	..	..
Tauranga Aero AWS	5	16.0	9.0	12.5	+2.2	..	..	..	..	..	..	..	..	..	126
Te Puke EWS	123	15.3	7.6	11.5	+2.0	..	..	..	..	409	20	+246	101	25	..
Whakatane Aero AWS	8	15.9	6.8	11.4	+2.5	..	..	0.2	4	239	18	+107	37	11	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	133
Whakatane EWS	1	16.4	7.3	11.9	..	..	..	1.1	2	..	..	..	..	..	..
Mamaku Radar WXT AW	817	10.5	5.9	8.2	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	15.8	5.9	10.9	..	18.4	9	0.1	4	..	..	..	..	..	113
Rotorua EWS	288	13.6	5.8	9.7	..	16.4	8	-0.1	18	264	22	..	45	25	119
Rotorua Aero AWS	286	13.1	5.7	9.4	+1.6	16.0	8	-2.4	23	317	21	+182	81	25	..
Galatea AWS	175	14.0	4.5	9.3	..	17.4	12	-2.0	17	177	23	..	28	12	..
Taupo CWS	360	13.6	5.0	9.3	..	17.2	26	-0.1	7	..	..	..	..	..	..
Tarapounamu EWS	701	8.8	3.2	6.0	..	13.7	8	-0.8	2	352	24	..	64	12	..
Taupo AWS	402	12.5	4.5	8.5	+2.0	16.3	26	-1.8	7	179	25	+83	27	8	..
Motu EWS	488	12.4	4.4	8.4	+2.3	..	..	-3.5	2	426	22	+210	100	8	..
Auckland, Mangere 2 E	16	16.3	10.1	13.2	..	19.2	8	4.2	17	257	22	..	56	11	123
Auckland Aero	7	16.1	10.1	13.1	+2.2	19.6	8	4.6	17	257	24	+124	47	11	..
Auckland Aero Backup	7	16.3	10.2	13.3	..	19.8	8	5.0	17	246	25	..	44	11	..
Ardmore Aero AWS	41	16.3	8.5	12.4	..	19.0	8	2.0	17	..	..	..	..	..	..
Pukekohe EWS	88	15.1	8.2	11.7	+1.5	18.3	10	3.0	17	254	24	+104	47	5	..
Firth Of Thames EWS	3	16.1	7.9	12.0	..	18.7	9	0.3	18	200	22	..	33	5	120
Whatawhata 2 EWS	118	15.2	8.0	11.6	+2.3	18.5	8	2.4	23	351	24	+175	43	5	..
Hamilton, Ruakura 2 E	45	15.1	6.6	10.9	+2.0	..	..	..	..	207	22	+89	30	5	..
Hamilton AWS	53	15.2	6.5	10.9	+2.2	18.8	8	0.0	18	229	26	+100	31	8	..
Lake Karapiro CWS	55	15.6	8.5	12.1	..	19.0	8	3.5	17	142	24	..	21	8	..
Port Taharoa AWS	18	15.3	10.4	12.9	+1.9	17.9	11	5.2	23	237	26	..	39	7	..
Awakino EWS	400	11.8	6.1	9.0	..	15.6	8	1.1	23	313	24	..	38	12	49
Waikeria EWS	37	15.3	6.1	10.7	..	18.1	8	-1.1	23	191	21	..	25	5	103
Te Kuiti EWS	61	15.0	5.5	10.3	+1.6	17.8	26	-1.0	23	305	21	+141	37	7	96
Pureora Forest CWS	549	11.2	4.2	7.7	..	15.2	8	-2.9	23	343	21	..	49	12	..
Taumarunui EWS	170	13.9	5.3	9.6	..	17.4	26	-0.9	23	251	22	..	35	8	..
Taumarunui AWS	186	13.7	4.9	9.3	..	..	..	..	..	..	..	..	..	..	..
Turangi 2 EWS	360	13.2	4.4	8.8	+2.2	16.8	26	-3.6	23	279	21	+128	44	8	113
New Plymouth AWS	28	14.9	7.8	11.4	+1.7	17.3	8	1.2	16	233	23	+97	35	7	124
Lower Retaruke CWS	233	13.4	5.7	9.6	..	17.1	26	-1.4	23	209	25	+59	37	12	..
Mt Ruapehu, Chateau E	1097	8.3	1.4	4.9	+1.8	12.5	12	-4.5	23	414	25	+151	63	12	..
Pahiatua EWS	110	13.2	5.1	9.2	..	18.6	26	-2.8	7	237	22	..	32	9	..
Masterton Aero AWS	105	13.1	3.8	8.5	..	17.0	8	-3.9	7	200	23	..	40	12	..

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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		
Masterton EWS	90	13.5	3.5	8.5	..	18.1	19	-3.5	7	179	18	..	35	11	103
Masterton, Te Ore Ore	110	13.3	4.2	8.8	..	17.5	19	-3.1	17	180	23	+53	31	11	..
Takapau Plains AWS	346	11.9	4.5	8.2	+1.1	16.0	13	-2.7	7	135	24	..	35	11	..
Dannevirke EWS	207	13.1	5.9	9.5	..	17.9	19	-2.6	17	142	20	..	33	9	102
Cape Turnagain AWS	285	11.1	7.7	9.4	..	16.3	8	4.4	16	71	7	..	24	11	..
Akitio EWS	245	11.9	6.7	9.3	..	15.7	8	0.7	17	193	18	..	46	11	125
Castlepoint AWS	120	12.7	8.3	10.5	+0.6	16.7	9	4.2	17	182	22	+61	43	11	..
Baring Head	79	13.1	7.8	10.5	..	17.7	26	2.8	17	122	17	..	23	20	..
Te Wharau, Brackenfie	292	11.9	4.2	8.1	..	15.0	9	-1.6	17	210	20	..	55	11	..
Martinborough EWS	20	13.5	5.0	9.3	+1.5	18.2	8	-2.4	7	196	18	..	42	20	69
Ngawi AWS	8	14.0	9.0	11.5	+1.3	18.1	8	4.9	7	..	..	..	..	..	..
Hicks Bay AWS	46	15.9	10.3	13.1	+1.9	18.3	9	4.4	2	229	18	+67	45	11	..
Gisborne AWS	5	16.1	8.1	12.1	+2.4	21.0	8	1.4	3	94	18	-37	32	14	131
Gisborne EWS	12	16.6	7.7	12.2	..	21.2	26	2.1	3	85	17	..	30	14	..
Tolaga Bay WXT AWS	15	15.7	8.0	11.9	..	20.2	8	0.6	3	152	19	..	35	12	..
Tutira CWS	235	13.4	6.3	9.9	..	17.5	8	0.0	7	132	19	..	41	14	..
Napier Aero AWS	3	14.8	6.1	10.5	+1.4	19.5	9	0.1	7	125	24	+13	34	11	..
Napier EWS	7	15.4	6.6	11.0	..	20.2	13	-0.4	17	99	18	..	30	11	138
Maraekakaho CWS	150	14.3	4.5	9.4	..	19.3	13	-1.5	3	111	16	..	38	11	..
Hastings AWS	16	15.0	4.8	9.9	..	..	..	..	..	..	..	..	..	..	..
Whakatu EWS	5	15.6	4.3	10.0	+1.8	21.4	13	-2.2	3	102	16	..	32	11	..
Waipawa EWS	130	14.6	3.3	9.0	..	19.0	13	-3.4	7	97	16	..	32	11	115
Wairoa, North Clyde E	15	15.7	6.8	11.3	+2.0	20.7	26	-0.2	18	97	18	-37	32	14	..
Wairoa Aero AWS	13	15.1	6.6	10.9	..	20.3	8	0.8	18	116	24	..	39	14	..
Mahia Radar WXT AWS	419	11.6	7.8	9.7	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	14.0	9.1	11.6	+1.6	18.3	28	5.8	17	..	..	..	..	..	..
Cape Kidnappers WXT A	113	14.0	10.0	12.0	..	18.4	9	6.3	17	..	..	..	..	..	..
Paraparaumu Aero	5	14.1	7.0	10.6	+1.9	19.1	26	0.2	7	181	21	+86	20	25	103
Paraparaumu Aero AWS	8	13.9	6.8	10.4	+1.8	19.2	26	0.1	17	208	23	+117	33	20	112
Paraparaumu EWS	5	14.3	7.0	10.7	..	19.5	26	0.4	17	183	22	+86	30	20	108
Ohakea AWS	47	13.6	6.7	10.2	..	20.0	8	0.7	7	..	..	..	..	..	..
Palmerston North AWS	39	13.8	6.7	10.3	+1.8	19.6	8	-0.8	17	174	20	+89	29	9	..
Palmerston North EWS	21	14.3	6.5	10.4	+1.7	19.6	26	-1.4	17	209	22	+121	32	12	82
Levin AWS	15	14.4	6.3	10.4	+1.9	19.1	19	-0.3	17	240	24	+141	40	20	..
Levin EWS	23	14.1	5.9	10.0	..	19.3	26	-1.5	17	204	23	..	41	20	122
Mana Island AWS	110	12.3	8.1	10.2	..	15.0	8	3.9	17	204	24	..	32	19	..
Porirua, Elsdon Park	7	13.8	6.4	10.1	..	19.2	26	-0.3	17	232	25	..	33	20	..
Wellington, Kelburn A	125	12.3	7.3	9.8	+0.9	17.5	26	3.2	17	294	24	+157	61	30	106
Wellington Aero	4	13.5	7.9	10.7	+1.1	17.2	9	2.5	24	228	20	+115	46	30	..
Wellington, Greta Poi	3	14.2	8.2	11.2	..	19.1	26	4.3	24	206	20	..	44	30	..
Wellington Aero Backu	4	13.5	7.9	10.7	..	17.1	9	2.4	24	214	20	..	45	30	..
Upper Hutt, Trentham	50	13.2	5.0	9.1	..	18.7	26	-3.1	7	237	24	..	40	21	93
Stratford EWS	280	13.3	5.8	9.6	+2.0	16.4	8	-0.3	17	355	22	+147	45	26	88
Hawera AWS	100	13.9	7.4	10.7	+2.3	19.0	8	1.2	23	182	25	+63	27	20	..
Ohakune EWS	607	11.4	3.6	7.5	+2.0	16.6	12	-3.6	17	144	21	-7	18	20	..
Waiouru Airstrip AWS	820	10.1	2.5	6.3	..	15.9	8	-3.7	7	149	24	..	18	11	..
Waiouru EWS	803	10.1	2.8	6.5	..	16.2	8	-3.0	7	89	26	..	10	20	..
Taihape Rec	433	13.0	3.6	8.3	+2.2	19.0	8	-3.2	7	121	23	+42	17	21	..
Flat Hills WXT AWS	262	13.4	6.3	9.9	..	19.7	8	-0.7	23	106	22	+20	16	20	..
Whanganui, Spriggens	15	14.7	7.4	11.1	+1.6	20.9	8	2.1	23	128	21	+43	32	20	..
Whanganui AWS	14	14.7	8.0	11.4	+1.9	21.1	8	2.8	7	127	20	+39	44	20	..
Wanganui 2 AWS	18	15.9	7.3	11.6	..	22.0	8	2.0	23	..	..	..	..	..	..
Takaka EWS	20	14.2	3.8	9.0	+1.2	17.8	27	-0.6	2	365	15	+169	73	30	122
Farewell Spit AWS	3	16.1	8.4	12.3	+2.6	18.5	9	3.6	16	445	18	+343	96	25	..
Westport Aero AWS	5	13.4	6.6	10.0	+1.3	17.8	26	2.5	16	220	27	+82	38	30	..
Arapito EWS	3	13.8	5.6	9.7	..	19.4	26	1.7	16	248	20	..	38	12	97
Hokitika Aero	39	12.5	4.8	8.7	+1.3	..	..	..	..	370	19	+152	73	9	74
Hokitika AWS	40	12.6	4.9	8.8	+1.4	16.8	26	0.3	16	398	22	+215	78	9	90
Hokitika EWS	39	12.6	4.7	8.7	..	16.7	26	-0.1	16	347	19	..	69	9	..
Reefton EWS	198	11.2	3.2	7.2	+2.0	14.2	26	-3.1	22	210	21	+41	49	30	73
Greymouth Aero EWS	5	12.8	5.7	9.3	..	15.7	26	1.1	16	346	25	..	53	18	80
Pigeon Creek CWS	105	11.3	4.5	7.9	..	15.3	26	-1.2	16	443	20	..	94	9	..
Mt Philistine EWS	1655	2.0	-3.4	-0.7	..	7.5	6	-7.6	16	448	27	..	168	18	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Mahanga EWS	1995	1.3	-4.6	-1.7	..	7.7	23	-9.9	16	174	22	..	50	8	..
Ivory Glacier CWS	1390	3.9	-2.5	0.7	..	8.8	6	-8.9	16	..	..	..	..	..	..
Okarito EWS	1	13.0	4.6	8.8	..	17.0	11	-0.1	16	331	19	..	81	9	..
Franz Josef EWS	80	12.9	3.2	8.1	+1.3	16.2	11	-1.2	16	433	18	..	124	8	101
Haast AWS	1	12.3	5.4	8.9	+1.2	15.8	21	0.7	1	277	20	..	61	18	..
Milford Sound AWS	3	10.9	2.7	6.8	+1.8	15.4	9	-0.9	16	366	17	..	141	18	..
Milford Sound EWS	3	10.8	2.7	6.8	..	14.7	9	-0.6	16	367	19	..	134	17	..
Castle Mount EWS	2000	-0.4	-6.1	-3.3	..	3.9	8	-10.3	16	311	15	..	198	17	..
Secretary Island AWS	19	12.1	6.5	9.3	+0.2	..	..	3.1	31	..	..	..	..	..	..
Puysegur Point AWS	45	10.1	6.1	8.1	-0.1	14.8	17	1.8	30	234	28	+42	35	29	..
Stephens Island AWS	188	12.4	8.5	10.5	..	14.8	8	5.4	31	318	20	..	50	19	..
Motueka, Riwaka EWS	8	13.6	2.8	8.2	+1.3	..	..	..	..	364	17	+233	73	25	..
Pelorus Sd, Crail Bay	13	12.9	7.7	10.3	+1.2	16.2	19	3.7	17	389	26	+217	102	30	..
Nelson Aero	2	13.3	5.0	9.2	+2.0	17.3	13	0.0	17	225	17	+147	50	30	127
Appleby 2 EWS	18	13.0	3.1	8.1	+0.7	16.8	13	-3.1	23	237	17	..	52	30	122
Richmond EWS	1	13.3	4.4	8.9	..	17.3	13	-1.7	17	224	16	..	47	30	134
Nelson AWS	6	13.3	5.1	9.2	+1.8	17.3	13	0.3	17	233	20	..	49	30	..
Blenheim Research EWS	4	13.3	4.4	8.9	+1.2	18.0	9	-0.1	17	221	14	+151	52	30	116
Blenheim Aero AWS	36	13.0	3.3	8.2	+1.1	17.1	19	-2.6	22	269	18	+194	69	30	..
Brothers Island AWS	68	13.0	9.4	11.2	+1.0	16.4	9	5.8	31	..	..	..	..	..	..
Grassmere Salt Works	2	13.1	6.8	10.0	+1.5	17.6	13	1.2	7	215	15	+146	47	25	..
Cape Campbell AWS	6	12.1	8.1	10.1	+0.9	15.5	13	5.4	7	164	16	+98	39	30	..
Hanmer Forest EWS	363	10.2	-0.4	4.9	+0.8	20.5	19	-6.0	7	186	16	+78	46	20	..
Kaikoura, Middle Cree	5	12.0	3.1	7.6	..	21.5	18	-2.4	17	224	21	..	50	11	..
Kaikoura AWS	108	11.9	6.2	9.1	+1.0	21.3	18	3.1	31	226	17	+134	62	12	..
Arthurs Pass	745	5.9	-0.4	2.8	+0.9	8.8	18	-4.6	16	567	..	+262	146	18	..
Arthurs Pass EWS	745	5.9	-0.6	2.7	+1.0	8.8	19	-4.8	16	571	21	+214	141	18	..
Arthurs Pass AWS	743	5.8	-0.3	2.8	..	9.4	8	-4.1	16	609	25	..	156	18	..
Culverden AWS	181	11.1	1.8	6.5	..	19.6	19	-5.0	7	115	17	..	33	20	..
Medbury CWS	232	10.7	1.5	6.1	..	18.1	19	-5.0	7	141	15	..	29	20	..
Balmoral East CWS	172	11.2	1.0	6.1	..	18.8	19	-5.5	7	128	16	..	41	20	..
Waipara North Branch	497	9.7	0.3	5.0	..	16.4	19	-6.8	7	209	17	..	38	11	..
Waiiau School CWS	136	11.8	1.9	6.9	..	21.0	19	-4.5	7	171	19	..	52	20	..
Cheviot EWS	75	11.6	1.2	6.4	..	19.3	19	-4.5	7	194	16	..	40	25	102
Upper Rakaia EWS	1752	1.4	-4.8	-1.7	..	6.3	6	-9.0	11	223	23	..	78	18	..
Mt Potts EWS	2128	-0.7	-7.1	-3.9	..	5.5	24	-12.0	10	3	4	..	2	5	..
Mt Cook EWS	730	6.0	-1.4	2.3	+0.1	13.7	4	-5.3	16	725	19	+460	371	18	75
Mueller Hut EWS	1818	1.6	-4.9	-1.7	..	6.6	6	-8.9	31	170	20	..	41	18	..
Mt Cook Aero AWS	656	5.9	-3.6	1.2	..	14.0	4	-11.6	17	441	17	..	187	18	..
Cass EWS	571	8.2	-1.4	3.4	..	11.9	4	-8.6	7	239	21	..	50	18	..
Methven CWS	313	9.9	1.8	5.9	..	15.6	3	-2.5	11	222	16	..	35	12	..
Winchmore 2 EWS	164	9.7	1.1	5.4	..	15.6	18	-3.5	11	193	15	..	39	12	114
Chertsey CWS	108	10.2	2.4	6.3	..	15.3	18	-2.0	17	180	13	..	33	12	..
Mayfield at Ruapuna F	325	9.6	0.4	5.0	..	15.4	5	-3.8	25	239	17	..	42	26	..
Peel Forest	286	9.9	0.4	5.2	+0.4	..	..	..	..	213	19	+142	37	26	..
Lismore, Racemans Hou	168	11.0	2.8	6.9	..	16.7	3	-1.2	17	201	15	..	39	12	..
Ashburton Council	101	10.7	2.4	6.6	+0.9	16.9	5	-2.5	11	216	23	+152	46	12	..
Ashburton Aero AWS	88	10.3	1.8	6.1	..	16.6	5	-2.7	11	176	16	..	32	12	111
Waipara West EWS	130	12.0	3.2	7.6	..	19.0	19	-1.6	17	177	13	..	37	25	91
Ohoka CWS		11.0	1.8	6.4	..	19.8	18	-4.8	17	247	23	..	50	12	..
Rangiora EWS	23	11.7	2.7	7.2	+1.3	20.4	18	-3.9	17	238	13	..	51	12	100
Christchurch Aero	37	11.1	1.7	6.4	+0.6	19.2	18	-5.5	17	310	22	+245	57	25	108
Christchurch Aero Bac	37	11.1	1.7	6.4	..	19.1	18	-5.4	17	277	19	..	50	25	..
Christchurch Gardens	7	11.7	2.8	7.3	+0.7	20.8	18	-1.8	17	303	17	+235	57	25	..
Christchurch, Kyle St	6	11.3	2.4	6.9	+0.6	20.1	18	-2.8	17	265	18	..	50	25	..
Christchurch Botanic	17	11.5	2.9	7.2	..	20.7	18	-1.8	17	283	17	..	54	25	..
Bromley EWS	3	11.4	4.0	7.7	..	19.7	18	-1.0	11	213	17	..	45	12	113
Lincoln, Broadfield E	18	11.0	2.4	6.7	+0.6	18.5	18	-2.5	11	230	15	+172	40	26	95
Sugar Loaf AWS	496	8.6	3.7	6.2	..	16.0	18	1.0	11	..	..	..	..	..	..
Diamond Harbour EWS	122	10.8	4.5	7.7	..	19.3	18	0.4	11	244	19	..	53	20	102
Akaroa EWS	45	12.7	4.3	8.5	+1.1	19.6	18	0.0	23	469	19	+338	107	12	81
Le Bons Bay AWS	238	10.1	5.6	7.9	+0.5	15.6	18	3.0	11	237	18	..	47	20	..
Lake Tekapo, Air Safa	762	4.9	-3.1	0.9	-0.5	13.2	3	-8.9	17	146	11	+96	59	18	..

Summary of the records of Temperature, Rainfall and Sunshine July 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		
Lake Tekapo EWS	762	5.2	-3.5	0.9	-0.7	13.8	4	-10.2	17	152	14	..	51	18	124
Fairlie AWS	403	8.8	0.9	4.9	..	16.4	3	-2.4	11	..	..	..	..	..	..
Pukaki Aerodrome AWS	461	5.9	-3.2	1.4	..	13.6	5	-8.4	17	154	18	..	49	18	..
Orari Estate	81	10.8	1.2	6.0	+1.0	18.2	5	-3.6	17	214	16	+157	56	12	..
Orari Estate EWS	81	10.7	1.0	5.9	..	17.1	5	-4.3	17	201	14	..	56	12	..
Timaru Aero AWS	27	10.9	1.0	6.0	+1.0	18.3	5	-3.5	17	199	17	+153	51	12	..
Timaru EWS	17	10.9	2.5	6.7	+1.0	18.0	5	-2.5	11	163	16	+119	43	26	..
Otaio @ Springbank ro	14	10.9	2.6	6.8	..	15.9	5	-2.5	11	203	14	..	71	26	..
Waimate CWS	39	11.5	2.5	7.0	..	..	..	..	..	..	..	..	..	..	..
Oamaru Airport AWS	30	10.3	2.0	6.2	+0.7	17.4	18	-2.2	11	152	16	+111	32	12	..
Albert Burn	1280	2.4	-3.3	-0.5	..	7.8	17	-7.3	22	301	18	..	119	18	..
Mt Larkins EWS	1900	-0.5	-5.5	-3.0	..	4.9	7	-10.2	10	24	15	..	6	28	..
Eglinton, Knobs Flat	365	6.9	-0.2	3.4	..	10.4	24	-4.6	11	208	19	..	85	17	..
Tara Hills AWS	485	6.7	-2.5	2.1	+0.2	13.3	4	-7.1	11	162	13	+123	84	18	..
Wanaka CWS	331	7.8	-0.3	3.8	..	13.9	5	-3.3	11	102	11	..	43	18	..
Wanaka Aero AWS	352	7.6	0.0	3.8	+0.5	13.8	4	-3.9	11	107	17	+69	49	18	..
Windsor EWS	81	10.9	0.7	5.8	+0.9	17.1	5	-3.9	11	207	14	+163	65	26	..
Ranfurly EWS	450	7.7	-1.6	3.1	+0.9	13.8	3	-7.8	11	62	15	+32	27	18	..
Oamaru AWS	40	10.4	2.9	6.7	+0.1	17.1	5	-1.0	11	193	16	..	50	12	..
Palmerston	21	10.8	1.4	6.1	+1.0	18.6	18	-5.5	11	271	14	+217	91	12	95
Middlemarch EWS	213	10.1	-0.3	4.9	+1.4	16.7	5	..	..	63	15	..	15	12	..
Swampy Summit AWS	716	5.1	0.5	2.8	..	11.8	18	-2.7	10	..	..	..	..	..	..
Dunedin Aero AWS	2	10.3	1.6	6.0	+1.1	16.6	18	-5.4	25	143	22	+97	44	12	..
Dunedin, Musselburgh	4	10.7	4.4	7.6	+1.1	18.3	18	-0.2	30	235	20	+178	66	12	91
Oamaru EWS	20	10.9	2.3	6.6	..	17.2	5	-2.7	11	153	13	..	37	12	127
Murchison Mtns EWS	1140	2.5	-2.3	0.1	..	5.9	17	-5.6	15	274	22	..	145	17	..
Te Anau At Park HQ Cw	204	7.5	1.5	4.5	..	12.1	4	-4.0	11	..	..	..	..	..	..
Manapouri, West Arm J	178	7.4	1.6	4.5	+1.6	10.2	4	-2.3	11	262	24	..	72	17	..
Manapouri Aero AWS	209	8.4	-0.4	4.0	+0.4	13.2	3	-7.8	11	99	23	+16	24	18	..
Birchwood WXT AWS	149	8.8	2.1	5.5	..	14.9	17	-3.3	12	132	21	..	22	18	..
Queenstown EWS	322	8.5	1.2	4.9	..	13.3	5	-1.8	25	100	14	..	48	18	..
Queenstown Aero AWS	357	8.4	-0.1	4.2	+1.1	13.6	4	-4.2	7	73	17	+24	35	18	113
Five Rivers CWS	260	8.5	1.0	4.8	..	13.8	4	-6.4	11	94	20	..	25	18	..
Lumsden AWS	194	8.6	1.1	4.9	+1.0	14.1	4	-6.0	11	100	21	..	26	18	..
Waipounamu CWS	152	9.3	0.8	5.1	..	14.7	4	-5.5	11	69	20	..	20	18	..
Cromwell EWS	213	9.0	-1.2	3.9	+0.7	16.4	5	-5.6	11	76	12	..	25	18	105
Lauder EWS	375	7.7	-1.3	3.2	+1.2	15.1	5	-6.1	25	76	17	+53	21	18	..
Ophir 2	305	8.4	-2.6	2.9	..	16.4	3	-8.1	7	74	14	..	27	18	..
Alexandra	150	9.0	-2.0	3.5	+0.5	16.3	5	..	..	74	15	..	21	18	..
Clyde 2 EWS	170	8.4	-2.4	3.0	..	15.6	5	-7.0	11	80	12	..	26	18	..
Alexandra AWS	231	8.1	-1.6	3.3	..	15.3	5	-5.9	11	78	17	..	23	18	..
Alexandra EWS	132	8.8	-1.4	3.7	..	16.1	5	-5.6	11	68	15	..	20	18	112
Roxburgh WXT AWS	160	9.5	2.1	5.8	..	15.8	5	-1.8	11	..	..	..	..	..	..
Tapanui EWS	180	8.8	0.7	4.8	..	14.0	3	-5.3	11	86	22	..	13	12	..
Gore AWS	123	9.1	2.6	5.9	+1.4	13.8	4	-1.5	11	100	24	+43	18	18	..
Gore EWS	60	9.4	1.9	5.7	..	14.2	4	-4.0	11	78	21	..	14	18	101
Invercargill Aero	1	9.7	2.8	6.3	+1.0	13.9	18	-2.7	11	113	24	+28	20	13	80
Invercargill Aero AWS	3	9.7	2.6	6.2	+1.1	13.9	18	-2.6	11	110	25	..	21	13	..
Invercargill Aero 2 E		10.1	2.1	6.1	..	14.1	18	-3.4	11	97	23	..	17	13	80
Tiwai Point EWS	5	9.9	4.7	7.3	+1.1	13.9	18	0.5	25	92	22	+6	11	13	..
Stewart Is	3	10.2	4.1	7.2	+1.0	..	..	..	..	..	..	..	..	..	..
Balclutha, Finegand	6	10.1	2.6	6.4	+1.2	16.5	18	..	..	138	18	+89	28	27	..
Balclutha, Telford Ew	11	9.2	2.0	5.6	..	15.8	18	-3.7	25	121	19	..	22	12	81
Nugget Point AWS	131	8.5	4.7	6.6	+0.5	14.8	18	2.1	1	156	23	+90	29	12	..
Tautuku	25	9.1	4.5	6.8	+0.7	15.0	18	0.0	25	196	19	+93	32	12	..
Tautuku EWS	25	9.1	4.0	6.6	..	15.5	18	-0.2	24	212	25	..	28	12	..
Kiribati, Cassidy Chri	3	30.3	25.2	27.8	..	..	..	21.7	16	..	..	..	..	..	..
Solomon, Taro Is	3	31.5	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.0	..	..	..	..	22.4	11	..	..	..	..	..	..
Solomon, Honiara	56	32.7	23.9	28.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	33.0	22.3	27.7
Solomon, Santa Cruz	24	..	24.4
Vanuatu, Pekoia	56	29.4	22.7	26.1	20.2	27	153	22	..	33	5	..

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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	Hrs		
Vanuatu,Lamap	22	29.3	24.4	26.9	181	20	..	36	5	..
Vanuatu, Bauerfield	20	28.4	22.2	25.3	..	..	..	..	..	281	26	..	37	25	..
Vanuatu,Burtonfield	70	27.9	22.1	25.0	..	..	..	18.3	1	..	..	..	..	..	..
New Cal, Koumac	18	27.2	18.7	23.0	..	30.8	8	14.3	17	..	..	..	..	..	..
New Cal, Oulop	7	26.5	21.8	24.2	..	28.9	13	15.8	16	..	..	..	..	..	..
New Cal, Ouanaham	29	26.1	20.7	23.4	..	28.6	10	13.4	16	..	..	..	..	..	..
New Cal, La Roche	42	26.2	18.8	22.5	..	28.1	20	10.7	16	..	..	..	..	..	..
New Cal, La Tontouta	14	26.7	18.0	22.4	..	32.6	7	12.8	27	..	..	..	..	..	..
New Cal, Nouma	72	27.0	19.4	23.2	..	34.0	7	15.7	27	..	..	..	..	..	..
New Cal, Moue	97	24.5	19.4	22.0	..	27.1	8	12.6	27	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.6	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	..	25.6	..	..	..	..	23.5	17	..	..	..	..	..	..
Kiribati,Beru	2	..	25.5	..	..	..	..	22.2	17	..	..	..	..	..	..
Kiribati,Arorae	7	31.5	26.3	28.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	32.1	26.7	29.4	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	30.9	26.5	28.7	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.4	26.6	29.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	30.9	25.6	28.3	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.4	20.5	25.5	..	32.2	19	..	..	..	..	..	..	..	..
Fiji,Nausori Aero	6	28.8	22.2	25.5	..	30.6	14	19.5	9	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.7	25.1	27.4	..	30.4	13	23.6	8	..	..	..	..	..	..
Maopopo, Futuna Isla	36	29.6	24.5	27.1	..	30.2	1	23.4	3	65	28	..	10	13	..
Samoa,Faleolo	4	30.7	21.9	26.3	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.2	23.5	26.4	..	..	..	21.5	28	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	28.9	25.0	27.0	..	..	..	21.1	11	227	29	..	44	11	..
Tonga, Queen Lavinia	60	29.3	23.6	26.5	..	..	..	21.4	28	..	..	..	..	..	..
Tonga,Keppel	2	..	23.9	..	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	27.4	22.6	25.0	..	28.5	1	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	27.3	23.4	25.4	..	..	..	21.6	8	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.6	21.6	24.1	..	..	..	19.1	23	..	..	..	..	..	..
CI Rarotonga Aero	7	26.1	20.0	23.1	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	29.1	22.7	25.9	..	31.1	26	20.8	25	53	19	..	26	31	..
Society Is, Mopelia		27.9	22.8	25.4	..	29.2	5	20.0	8	..	..	..	..	..	..
Tahiti - Faaa	1	28.9	21.6	25.3	..	30.0	23	19.6	15	103	13	..	46	24	..
Tuamotu, Takaroa	2	28.6	23.1	25.9	..	29.5	5	21.1	16	..	..	..	..	..	..
Tuamotu, Hao	3	27.1	23.1	25.1	..	28.3	27	19.8	17	..	..	..	..	..	..
Gambier, Rikitea	91	24.6	19.9	22.3	..	25.9	12	15.7	1	232	24	..	38	13	..
Tubuai	2	23.9	18.9	21.4	..	26.1	4	14.5	3	..	..	..	..	..	..
Rapa	1	21.0	16.8	18.9	..	..	..	..	..	..	..	..	..	..	..
Raoul Island AWS	50	20.8	16.7	18.8	..	22.7	9	12.1	28	49	16	..	20	15	133
Enderby Is AWS	39	8.0	4.1	6.1	..	10.9	17	1.7	23	47	26	..	9	13	..
Campbell Island AWS	16	6.9	1.9	4.4	-0.5	10.5	17	-1.9	27	100	30	-6	12	5	..
Chatham Island Aero A	12	12.2	7.4	9.8	..	..	..	..	..	..	..	..	..	..	..
Georg Von Neumayer	40	-20.8	-30.4	-25.6	..	-11.2	29	-43.0	2	..	..	..	..	..	..
Ant South Pole	2827	-57.6	-66.5	-62.1	..	-41.1	11	-73.5	16	..	..	..	..	..	..
Gen Belgrano 2	256	-15.6	-23.5	-19.6	..	-6.3	22	-33.3	6	..	..	..	..	..	..
Bellingshausen	16	-2.3	-5.5	-3.9	..	1.9	5	-15.3	24	..	..	..	..	..	..
Base Jubany	4	-1.6	-6.4	-4.0	..	2.6	5	-14.3	3	..	..	..	..	..	..
V C Marambio	198	-7.6	-15.9	-11.8	..	6.5	29	-30.9	11	..	..	..	..	..	..
Eduardo Frei	10	-3.6	-6.1	-4.9	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat		-2.8	-5.2	-4.0	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-5.5	-7.8	-6.7	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	-1.2	-4.8	-3.0	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-2.5	-6.2	-4.4	..	1.4	15	-12.2	10	..	..	..	..	..	..
Argentine Is, Faraday	11	-1.7	-5.3	-3.5	..	2.3	17	-8.1	10	..	..	..	..	..	..
Gen San Martin	4	-1.8	-8.0	-4.9	..	7.9	28	-14.4	26	..	..	..	..	..	..
Novolax Arevskaja	99	-15.8	-21.0	-18.4	..	-7.3	18	-31.6	15	..	..	..	..	..	..
Maitri		-15.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-14.1	-22.4	-18.3	..	-4.7	7	-34.0	6	..	..	..	..	..	..
Mawson	16	-14.7	-23.3	-19.0	..	-4.9	29	-29.2	22	..	..	..	..	..	..
Davis	13	-13.6	-22.7	-18.2	..	-0.9	31	-29.1	22
Progress	64	-13.3	-16.8	-15.1	..	-0.4	31	-27.0	22
Mirnyj	30	-14.6	-17.7	-16.2	..	-3.1	26	-30.6	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	Hrs		
Vostok	3420	-65.2	-68.8	-67.0	
Casey	41	-8.6	-19.5	-14.1	..	1.2	26	-32.5	1	..	..	..	..	..
Durmout Durville	43	-12.8	-20.2	-16.5	..	-3.4	29	-30.6	1	..	..	..	..	..
McMurdo	24	-16.2	-26.8	-21.5	..	-8.9	31	-33.3	26	10	7	..	3	21	
Arrival Heights EWS	218	-18.3	-26.5	-22.4	..	-13.0	5	-34.1	16	..	..	..	..	..
Scott Base EWS	20	-18.4	-30.5	-24.5	..	-10.4	5	-40.0	24	..	..	..	..	..
Scott Base 2 EWS	43	-18.1	-29.9	-24.0	..	-10.6	5	-39.4	24	..	..	..	..	..
Darwin Airport	31	29.8	15.9	22.9	..	33.0	29	12.1	28	..	..	..	..	..
Hobart Airport	4	29.8	4.6	17.2	..	33.0	29	0.4	21	22	14	..	10	8	
Late returns and corrections for June 2022															
Leigh 2 EWS	27	17.8	12.1	15.0	+1.6	21.0	1	7.5	22	128	20	+11	29	5	..
Auckland, Henderson N	7	17.1	8.5	12.8	+1.6	21.3	1	0.4	22	189	24	+36	26	5	..
Thames 2	3	16.7	9.7	13.2	+2.1	21.2	1	1.9	22	109	..	-11	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	118
Hamilton, Ruakura 2 E	45	16.0	7.1	11.6	+2.0	21.1	1	0.3	22	157	18	+41	43	18	130
Boyle River Lodge	600	9.8	1.2	5.5	+1.2	..	..	..	..	407	..	+199	68	1	..
Mt Somers, Somer Down	372	12.4	2.5	7.5	..	16.6	1	-1.5	29	114	17	..	29	27	..
Peel Forest	286	12.7	1.1	6.9	+1.4	17.0	7	-3.4	23	117	18	+58	30	12	..
Ashburton Council	101	12.9	2.7	7.8	+1.4	18.4	25	-4.0	23	66	22	+9	14	27	..
Christchurch Gardens	7	13.6	3.5	8.6	+1.5	19.6	25	-2.2	22	34	15	-27	10	27	..
Orari Estate	81	12.8	1.3	7.1	+1.5	18.0	7	-3.4	23	55	16	+8	12	27	..
Palmerston	21	12.4	-0.4	6.0	+0.2	19.0	2	-7.2	22	30	11	-12	10	27	83
Ophir 2	305	10.5	-2.6	4.0	..	18.0	1	-10.2	23	38	10	..	9	12	..
Stewart Is	3	11.6	2.9	7.3	+0.6	..	..	..	..	..	..	..	..	..	..
Balclutha, Finegand	6	10.7	0.7	5.7	-0.1	17.0	7	-4.5	23	63	14	+5	24	14	..
Tautuku	25	11.1	4.0	7.6	+0.8	17.0	1	-1.0	22	110	11	-16	18	16	..
Late returns and corrections for May 2022															
Mt Somers, Somer Down	372	15.8	4.6	10.2	..	21.4	7	1.0	27	70	12	..	21	9	..
Christchurch Gardens	7	17.1	5.9	11.5	+1.7	25.3	2	-0.5	27	40	18	-24	11	15	..
Late returns and corrections for April 2022															
Christchurch Gardens	7	19.2	8.5	13.9	+1.2	27.5	21	3.0	23	23	6	-23	17	6	..
Late returns and corrections for February 2022															
Christchurch Gardens	7	21.3	12.6	17.0	-0.1	31.0	22	4.2	28	143	13	+101	66	12	..

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.