



Climate Database Statistics Report

June 2024

A report of monthly climate data and differences from normal:
current observations, late returns and corrections

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

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Cape Reinga AWS	213	16.3	10.6	13.5	+0.1	..	..	..	..	..	..	..	..	..	..
Kaitaia Aero EWS	80	17.6	10.9	14.3	+1.3	19.6	10	5.1	28	154	16	+34	31	19	..
Kaitaia Airport AWS	77	17.4	10.7	14.1	..	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	17.8	11.6	14.7	+1.9	21.2	8	6.0	28	158	17	+8	46	13	99
Kerikeri EWS	79	17.5	9.1	13.3	+1.0	21.6	10	3.6	28	276	17	+97	67	19	..
Kerikeri Aerodrome Aw	149	16.7	9.8	13.3	+1.3	20.6	10	5.4	12	290	24	+92	60	19	..
Kaikohe AWS	204	15.8	10.0	12.9	+0.8	..	..	..	..	..	..	..	..	..	..
Trounson CWS	244	16.7	9.9	13.3	+2.2	21.0	8	3.8	28	160	23	-44	32	19	..
Dargaville 2 EWS	66	17.1	10.6	13.9	+1.5	19.7	7	5.6	24	111	13	-14	32	13	76
Purerua AWS	87	17.0	11.2	14.1	+1.2	21.2	10	7.1	28	205	24	+67	52	16	..
Whangarei Aero AWS	37	17.2	10.4	13.8	+1.1	20.6	10	5.0	28	150	22	+8	46	16	..
Whangarei EWS	12	17.8	9.3	13.6	+1.5	21.3	10	3.0	28	138	17	..	43	16	106
Mokohinau Island AWS	70	16.7	14.0	15.4	+1.3	..	..	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	18.2	12.5	15.4	..	21.0	3	8.5	12	107	16	-4	38	16	..
Warkworth EWS	72	16.6	8.9	12.8	+1.4	19.0	9	1.8	28	148	15	-8	45	16	..
Whangaparaoa AWS	100	16.7	11.9	14.3	+1.5	..	..	..	..	..	..	..	..	..	..
Tiri Tiri Lighthouse	76	16.1	10.3	13.2	+0.3	18.9	10	7.5	28	70	18	-31	20	13	..
Auckland, Whenuapai A	26	16.8	9.2	13.0	+1.4	18.7	2	1.6	28	115	12	..	40	13	..
Auckland, North Shore	64	17.0	10.6	13.8	+2.0	19.6	2	3.6	28	146	13	+12	37	16	109
Auckland, Motat EWS	16	17.2	9.6	13.4	..	19.7	2	3.2	28	132	11	..	34	13	119
Manukau Heads EWS	240	14.5	10.7	12.6	..	17.9	9	8.4	21	99	15	..	31	13	113
Whitianga Aero AWS	5	16.8	8.8	12.8	+1.5	19.6	10	1.6	29	186	20	+1	40	18	..
Whitianga EWS	1	17.4	8.8	13.1	+1.6	20.4	10	2.7	29	178	14	..	40	18	..
Thames EWS	3	16.9	9.1	13.0	..	19.7	9	2.6	28	104	8	..	26	22	..
Matamata, Hinuera EWS	85	16.1	5.4	10.8	+1.7	19.5	10	0.6	27	112	9	+7	30	16	..
Tauranga CWS	3	16.7	8.4	12.6	..	19.8	10	4.8	29	168	14	..	44	14	..
Tauranga Aero AWS	2	16.5	8.0	12.3	+1.1	20.3	10	4.4	24	173	9	+52	52	14	163
Whakatane Aero AWS	8	16.4	5.5	11.0	+1.1	19.5	2	1.0	29	158	19	+28	44	23	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	156
Whakatane EWS	1	17.4	7.2	12.3	..	20.6	8	2.1	29	..	..	..	..	..	..
Mamaku Radar WXT AWS	17	10.6	6.4	8.5	+1.0	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	18.0	6.0	12.0	+1.8	22.1	8	0.3	29	..	..	..	..	..	151
Rotorua EWS	288	14.4	5.0	9.7	..	18.2	10	1.2	29	145	9	..	50	14	..
Rotorua Aero AWS	286	14.1	4.4	9.3	+0.7	17.3	2	-0.4	29	145	10	+13	56	14	..
Galatea AWS	175	14.7	2.5	8.6	+0.6	19.0	10	-2.4	6	85	21	..	23	14	..
Taupo CWS	360	14.3	4.4	9.4	..	..	..	..	..	..	..	..	..	..	..
Tarapounamu EWS	701	9.7	3.7	6.7	+0.5	13.7	2	-0.3	29	170	15	+7	49	25	..
Taupo Aero AWS	402	12.7	3.2	8.0	+0.4	16.5	10	-1.9	5	99	20	+6	38	14	..
Motu EWS	488	13.2	4.1	8.7	+1.9	19.4	3	-1.2	1	259	14	+28	60	9	..
Auckland, Mangere 2 E	16	16.8	9.6	13.2	..	..	..	..	..	..	..	..	..	..	..
Auckland Aero	7	16.7	10.1	13.4	+1.3	19.3	10	5.7	30	117	12	-2	31	13	..
Auckland Aero Backup	7	16.7	10.2	13.5	+1.5	19.2	10	6.0	30	105	14	..	27	13	..
Ardmore Aero AWS	41	16.8	8.7	12.8	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	16.2	9.0	12.6	+1.2	19.9	8	4.7	28	83	12	-54	21	13	..
Firth Of Thames EWS	3	..	..	..	..	..	..	..	..	103	11	-2	22	14	111
Whatawhata 2 EWS	118	15.2	6.8	11.0	+0.6	18.0	8	1.8	21	104	13	-84	27	13	..
Hamilton, Ruakura 2 E	45	16.2	6.3	11.3	+1.6	19.8	10	1.3	28	72	10	-46	22	14	129
Hamilton Aero AWS	53	15.4	5.3	10.4	+0.8	18.8	10	0.6	28	80	15	-49	23	9	..
Lake Karapiro CWS	55	15.9	8.2	12.1	+1.7	19.0	8	4.5	28	77	10	-37	23	16	..
Port Taharoa AWS	18	16.1	10.1	13.1	+1.0	18.1	10	6.3	28	97	16	-48	29	9	..
Awakino EWS	400	12.0	6.6	9.3	..	14.5	9	3.3	21	144	15	-23	42	9	105
Waikeria EWS	37	15.9	4.7	10.3	..	19.6	10	-1.1	28	87	10	-25	26	9	129
Te Kuiti EWS	61	15.8	4.7	10.3	+0.9	19.2	2	0.1	21	119	12	-25	34	14	116
Pureora Forest CWS	549	12.2	3.8	8.0	+1.4	..	..	..	..	148	11	-14	51	14	..
Taumarunui EWS	170	14.5	4.0	9.3	+1.2	19.0	8	-1.0	21	106	17	-39	34	9	..
Taumarunui AWS	186	14.3	3.0	8.7	+0.7	..	..	..	..	..	..	..	..	..	..
Turangi 2 EWS	360	13.1	1.0	7.1	-0.3	16.8	2	-4.2	5	125	12	-17	37	9	135
New Plymouth Aero AWS	28	15.0	7.6	11.3	+0.6	17.3	8	2.7	30	121	18	-23	51	22	137
Lower Retaruke CWS	233	14.1	4.2	9.2	+1.0	18.1	8	-0.8	21	100	17	-38	33	14	..
Mt Ruapehu, Chateau E	1097	10.2	1.2	5.7	+1.9	15.8	8	-2.9	29	64	13	-208	21	9	..
Pahiatua EWS	110	13.7	4.3	9.0	+1.0	17.1	9	-2.6	5	80	19	..	26	14	..
Masterton Aero AWS	105	14.0	3.8	8.9	+0.7	20.2	10	-2.0	5	68	20	..	32	25	..
Masterton EWS	90	14.7	3.3	9.0	+0.9	19.2	1	-2.2	5	68	13	..	36	25	96

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Masterton, Te Ore Ore	110	14.5	4.2	9.4	+0.9	19.7	10	-1.5	5	58	14	-33	28	25	..
Takapau Plains AWS	346	13.2	4.9	9.1	+1.5
Dannevirke EWS	207	14.1	5.6	9.9	+1.8	18.6	10	-0.5	22	106	17	+8	37	25	103
Cape Turnagain AWS	285	11.8	8.6	10.2	+1.0
Akitio EWS	245	12.8	7.6	10.2	+1.3	17.4	10	4.2	30	110	19	..	27	14	97
Castlepoint AWS	120	13.7	9.5	11.6	+1.1
Baring Head	79	13.3	8.6	11.0	..	16.6	9	5.8	28	34	15	..	9	25	..
Te Wharau, Brackenfie	292	13.2	4.6	8.9	+0.7	19.1	2	0.3	13	156	10	-25	59	25	..
Martinborough EWS	20	14.9	4.0	9.5	+0.9	20.0	9	-1.2	5	32	13	-50	10	25	80
Ngawi AWS	8	14.9	9.1	12.0	+0.6	19.9	9	6.2	12	65	16	-34	16	25	..
Hicks Bay AWS	46	15.9	10.2	13.1	+1.0
Gisborne Aero AWS	5	16.4	7.5	12.0	+1.4	261	15	+164	126	25	..
Gisborne EWS	12	16.6	7.0	11.8	+1.0	22.8	10	2.0	29	235	14	+128	105	25	..
Tolaga Bay WXT AWS	15	16.0	8.3	12.2	+1.4
Tutira CWS	235	14.2	6.1	10.2	+1.2	256	14	+135	112	25	..
Napier Aero AWS	3	15.6	5.8	10.7	+0.8	23.4	10
Napier EWS	7	16.2	7.0	11.6	..	23.6	10	1.8	22	125	14	+43	54	25	142
Hastings AWS	16	16.4	4.4	10.4	+1.0	25.7	10
Whakatu EWS	5	16.8	4.8	10.8	+1.8	25.3	10	-0.6	12	146	14	+69	63	25	..
Waipawa EWS	130	14.6	4.0	9.3	+1.2	23.4	10	-2.2	6	146	15	+67	65	25	108
Wairoa, North Clyde E	15	16.2	7.1	11.7	+1.5	22.7	10	1.9	29	138	14	+14	59	25	..
Wairoa Aero AWS	13	15.7	6.5	11.1	+1.6
Mahia AWS	136	14.2	10.0	12.1	+1.1	21.0	10	66	25	..
Paraparaumu Aero AWS	8	14.6	6.0	10.3	+0.6
Paraparaumu Aero EWS	5	15.2	5.9	10.6	..	17.7	10	-1.0	28	61	12	-37	26	9	138
Ohakea AWS	47	14.7	6.2	10.5	+0.7
Palmerston North Aero	39	14.6	6.1	10.4	+1.1	17.2	9	-0.2	6	42	14	-55	12	25	..
Palmerston North EWS	21	15.1	6.7	10.9	+1.5
Levin AWS	15	14.9	5.4	10.2	+0.7	16.9	9	-0.5	5	52	17	-50	12	9	..
Levin EWS	23	15.3	5.2	10.3	..	17.4	18	-1.0	5	40	10	..	10	9	139
Mana Island AWS	110	13.3	9.0	11.2	+1.2	15.3	9	5.6	28	58	12	..	15	14	..
Porirua, Elsdon Park	7	14.6	6.5	10.6
Wellington, Kelburn A	125	13.2	8.2	10.7	+0.8	15.4	9	4.2	12	86	17	-38	16	9	108
Wellington Aero	4	14.0	8.6	11.3	+0.7	16.7	1	3.3	21	58	14	-45	13	14	..
Wellington, Greta Poi	3	15.9	10.4	13.2	+2.2	18.3	11	6.4	12	57	14	..	10	14	..
Wellington Aero Backu	4	14.0	8.7	11.4	+0.9	16.7	1	3.7	21	62	14	-49	14	14	..
Upper Hutt, Trentham	50	14.3	4.2	9.3	+1.1	17.1	9	-2.2	5	70	16	-52	21	15	112
Stratford EWS	280	13.2	5.2	9.2	+0.5	17.7	3	-0.3	30	101	14	-93	27	22	..
Manaia, Motumate Stm	105	15.8	6.9	11.4	..	18.5	23	0.9	28
Hawera AWS	100	14.2	6.7	10.5	+0.8	17.3	10	0.5	28	61	20	-56	18	14	..
Ohakune EWS	607	12.6	2.8	7.7	+1.2	17.8	8	-2.8	30	52	10	-77	16	15	..
Waiouru Aero AWS	820	10.6	2.0	6.3	+1.5	14.9	10	-3.1	4	50	17	..	16	14	..
Waiouru EWS	803	10.2	1.7	6.0	..	14.5	8	-2.4	4	49	20	-52	16	14	..
Taihape Rec	433	14.3	0.6	7.5	+0.5	18.0	8	-5.0	5	38	10	-50	15	25	..
Flat Hills WXT AWS	262	14.4	5.1	9.8	+1.2
Whanganui, Spriggens	15	15.6	6.9	11.3	+0.7	18.8	10	1.1	5	44	12	-46	15	14	..
Whanganui Aero AWS	14	15.4	7.1	11.3	+0.7	18.4	9	1.6	20	51	19	-44	15	14	..
Wanganui 2 AWS	18	17.0	6.5	11.8	+1.2
Takaka EWS	20	15.2	3.9	9.6	+1.0	20.1	3	-1.0	5	322	12	+121	85	9	144
Farewell Spit AWS	3	16.6	9.5	13.1	+1.9	18.5	2	5.9	28	229	19	+83	59	22	..
Westport Aero AWS	5	14.0	7.0	10.5	+0.7	16.6	18	3.4	12	177	21	-23	45	13	..
Westport EWS	6	14.4	7.4	10.9	..	17.2	18	2.9	12	158	18	..	41	13	126
Arapito EWS	3	15.1	6.3	10.7	+1.8	17.6	18	1.5	12	157	15	-42	40	9	97
Hokitika Aero	39	13.5	5.7	9.6	+1.2	16.1	18	2.0	12	205	15	-56	46	9	91
Hokitika Aero AWS	40	13.5	5.6	9.6	+1.3	16.3	18	2.0	12	201	18	-58	44	9	117
Hokitika EWS	39	13.5	5.4	9.5	..	16.4	18	1.8	12	200	15	..	46	9	..
Reefton EWS	198	12.1	2.3	7.2	+1.0	16.6	18	-2.7	21	168	16	-22	52	9	101
Greymouth Aero EWS	5	14.2	6.4	10.3	+1.4	17.8	9	3.0	6	187	15	-46	60	9	107
Pigeon Creek CWS	105	12.3	4.6	8.5	+1.4	16.2	26	-0.4	4	279	17	..	105	9	..
Mt Philistine EWS	1655	4.0	-0.8	1.6	+1.5	10.7	3	-6.4	12	321	19	..	177	9	..
Mahanga EWS	1995	2.9	-1.3	0.8	+1.9	7.9	3	-7.0	12	189	17	..	96	9	..
Ivory Glacier CWS	1390	5.9	0.6	3.3
Okarito EWS	1	13.4	4.8	9.1	..	18.1	18	0.7	12	232	18	..	58	30	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Franz Josef EWS	80	13.7	3.5	8.6	+1.0	17.7	18	-0.8	12	254	13	-77	67	30	115
Franz Josef @ Crawford	1612	5.4	0.0	2.7	..	11.6	4	-4.7	12	253	19	..	88	13	..
Lake Moeraki EWS	10	11.8	2.2	7.0	..	14.5	6	-0.6	4	..	..	..	..	..	..
Haast AWS	1	13.2	5.7	9.5	+1.1	16.7	23	0.4	4	..	..	..	..	..	..
Milford Sound AWS	3	10.9	3.7	7.3	+1.5	14.9	1	0.3	12	282	15	-158	111	30	..
Milford Sound EWS	3	10.7	3.7	7.2	..	14.0	1	0.3	12	320	19	..	114	30	..
Castle Mount EWS	2000	1.9	-2.6	-0.4	+1.5	9.2	4	-8.3	12	71	19	..	24	9	..
Secretary Island AWS	19	13.2	8.6	10.9	+1.3	..	..	..	..	..	..	..	..	..	..
Puysegur Point AWS	45	12.4	8.0	10.2	+1.4	..	..	..	..	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	14.0	8.8	11.4	+1.3	18.7	9	4.1	28	169	14	-10	66	9	..
Nelson Aero	2	14.2	5.2	9.7	+1.2	19.2	1	0.7	28	140	12	+41	33	14	..
Appleby 2 EWS	18	15.2	2.2	8.7	+1.1	19.7	1	-2.6	28	..	..	..	..	..	..
Richmond EWS	1	14.1	3.8	9.0	+0.9	17.6	1	-1.2	28	139	11	..	33	14	150
Nelson Aero AWS	6	14.1	5.6	9.9	+1.4	18.8	1	0.7	28	139	19	+42	32	14	..
Blenheim Research EWS	4	..	..	..	..	..	..	..	..	69	12	+0	17	14	113
Wairau Valley, Mill R	172	12.9	3.5	8.2	+0.6	19.1	1	-1.8	5	116	12	-7	34	9	..
Blenheim Aero AWS	36	13.8	3.2	8.5	+0.7	19.8	1	-1.1	4	95	20	+21	24	14	..
Cape Campbell AWS	6	12.9	9.1	11.0	+0.8	16.0	1	5.8	28	97	12	+34	27	25	..
Hanmer Forest EWS	363	11.1	-0.6	5.3	+0.5	20.5	1	-6.4	13	61	14	-38	15	14	..
Kaikoura, Middle Cree	5	13.0	3.4	8.2	+0.9	18.9	1	-1.5	28	81	15	..	25	14	..
Kaikoura AWS	108	13.1	7.4	10.3	+1.1	20.8	1	4.3	12	120	13	+47	37	14	..
Arthurs Pass	745	8.2	0.9	4.6	+1.6	13.0	1	-4.0	21	316	..	-62	134	9	..
Arthurs Pass EWS	745	8.3	0.8	4.6	+1.5	13.0	1	-4.1	21	309	15	..	130	9	..
Arthurs Pass AWS	743	8.2	1.2	4.7	+1.5	..	..	..	..	..	..	..	..	..	..
Culverden AWS	181	12.0	0.7	6.4	+0.6	20.6	1	-5.3	13	60	18	-2	16	14	..
Medbury CWS	232	12.2	0.1	6.2	+0.2	20.5	1	-6.3	12	..	..	..	..	..	..
Balmoral East CWS	172	12.5	0.4	6.5	..	20.2	1	-5.5	13	46	12	..	14	14	..
Waipara North Branch	497	11.6	0.3	6.0	..	18.8	1	-6.5	13	76	14	..	20	18	..
Waiau School CWS	136	13.2	0.7	7.0	+0.8	22.1	1	-4.6	13	53	14	-28	13	14	..
Cheviot EWS	75	13.7	1.2	7.5	+0.8	22.0	1	-5.6	12	73	13	-10	17	14	124
Upper Rakaia EWS	1752	3.8	-0.8	1.5	+1.6	9.9	2	-6.6	20	144	19	+13	55	9	..
Mt Potts EWS	2128	1.5	-2.9	-0.7	+1.4	7.4	2	-9.5	19	82	5	..	55	10	..
Mt Cook EWS	730	8.6	0.7	4.7	+1.5	15.4	6	-3.5	12	215	15	-76	56	30	77
Mueller Hut EWS	1818	4.0	-1.3	1.4	+1.2	11.5	4	-7.6	20	175	18	..	58	9	..
Mt Cook Aero AWS	656	8.9	-0.6	4.2	+1.7	15.4	6	-5.7	12	150	17	..	45	30	..
Cass EWS	571	10.4	-0.7	4.9	..	16.3	1	-7.3	12	100	14	..	46	9	..
Methven CWS	313	12.3	2.6	7.5	+1.0	21.3	1	-1.9	13	51	17	-26	17	23	..
Te Pirita at Sharland	208	12.0	3.0	7.5	..	21.2	1	-0.8	12	47	11	..	14	23	..
Winchmore 2 EWS	164	11.8	0.3	6.1	..	20.8	1	-4.3	12	49	12	-19	16	23	131
Chertsey CWS	108	11.7	2.6	7.2	+0.5	21.6	1	-2.4	12	46	12	-24	12	14	..
Mayfield at Ruapuna F	325	11.5	1.1	6.3	..	22.1	4	-3.5	13	57	19	..	19	23	..
Peel Forest	286	..	1.2	..	..	..	..	-3.7	12	53	17	-17	18	23	..
Lismore, Racemans Hou	168	11.6	2.2	6.9	+0.6	..	..	..	..	43	12	..	16	23	..
Ashburton Council	101	11.9	2.2	7.1	+0.5	21.7	1	-2.0	12	60	16	-6	14	14	..
Ashburton Aero AWS	88	11.8	1.6	6.7	+0.7	21.7	1	-3.0	12	..	..	..	..	..	125
Wakanui 2 CWS	53	12.0	2.5	7.3	..	21.5	1	-2.7	12	..	..	..	..	..	..
Waipara West EWS	130	13.6	3.8	8.7	+0.9	21.4	1	-0.6	12	..	..	..	..	..	113
Ohoka CWS	39	12.5	1.7	7.1	..	22.0	1	-4.0	12	..	..	..	..	..	..
Rangiora EWS	23	13.1	2.5	7.8	+1.1	22.1	1	-3.5	12	61	16	+9	16	23	118
Christchurch Aero	37	12.3	2.1	7.2	+0.8	21.3	1	-5.5	12	75	19	+7	17	23	123
Christchurch Aero Bac	37	12.3	2.0	7.2	+0.8	21.2	1	-5.5	12	42	11	..	13	14	..
Christchurch Gardens	7	13.4	4.4	8.9	+1.6	21.0	1	-2.1	12	84	15	+11	21	25	..
Christchurch, Kyle St	6	12.2	4.1	8.2	+1.0	19.8	1	-2.9	12	43	14	-28	16	14	..
Christchurch Botanic	17	12.7	4.4	8.6	..	20.2	1	-2.1	12	74	13	..	20	25	..
Bromley EWS	3	12.7	5.2	9.0	..	20.8	1	-2.4	12	69	14	..	17	23	115
Lincoln, Broadfield E	18	12.3	3.3	7.8	+0.9	22.1	1	-3.2	12	66	16	+2	16	25	115
Lincoln, Broadfield E	17	12.1	3.1	7.6	..	21.8	1	-3.5	12	67	17	..	17	25	115
Sugar Loaf AWS	496	10.6	5.7	8.2	+1.4	18.2	6	2.5	19	..	..	..	..	..	..
Diamond Harbour EWS	122	12.7	6.7	9.7	+1.6	21.3	1	1.0	12	68	16	..	21	14	111
Akaroa EWS	45	13.1	6.6	9.9	+1.1	20.4	1	1.3	12	85	13	-26	44	14	93
Le Bons Bay AWS	238	11.5	7.2	9.4	+1.0	18.8	1	4.2	12	64	14	-6	27	14	..
Lake Tekapo, Air Safa	762	8.2	-0.8	3.7	+1.0	16.2	6	-5.4	12	32	11	-26	11	23	..
Lake Tekapo EWS	762	8.5	-0.3	4.1	+1.4	16.2	6	-5.6	12	29	7	-23	11	23	111

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

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Fairlie AWS	403	10.6	2.8	6.7	+1.0	19.3	1	-1.8	12	48	12	..	20	23	..
Pukaki Aerodrome AWS	461	8.2	-1.7	3.3	+1.3	16.2	1	-6.9	12	30	20	-16	8	23	..
Orari Estate	81	11.5	1.1	6.3	+0.6	22.8	1	-3.1	12	52	12	-2	22	23	..
Orari Estate EWS	81	11.5	1.0	6.3	+0.5	22.8	1	-3.3	12	49	12	..	22	23	..
Timaru Aero AWS	27	11.6	0.7	6.2	+0.6	..	..	..	..	..	..	..	..	..	..
Timaru EWS	17	10.9	3.2	7.1	+1.2	22.2	1	-0.9	12	32	11	-7	10	14	..
Waimate CWS	39	12.5	3.2	7.9	+1.5	23.4	1	-2.6	12	37	14	-1	9	14	..
Oamaru Airport AWS	30	11.3	2.7	7.0	+0.8	21.0	1	-0.6	12	72	19	+29	16	13	..
Albert Burn	1280	5.5	-0.8	2.4	+1.1	11.6	8	-6.5	12	155	20	-5	58	30	..
Mt Larkins EWS	1900	2.1	-2.1	0.0	+2.4	9.3	4	-7.5	11	30	14	..	10	1	..
Eglinton, Knobs Flat	365	9.0	0.9	5.0	+1.2	..	..	..	..	141	17	-3	53	30	..
Tara Hills AWS	485	8.8	-0.7	4.1	+1.1	16.4	1	-6.5	12	42	15	+4	10	13	..
Wanaka CWS	331	9.7	0.7	5.2	..	16.1	6	-2.7	12	55	9	..	34	30	..
Wanaka Aero AWS	352	9.3	0.9	5.1	+0.8	15.5	6	-2.4	12	53	15	-3	29	30	..
Windsor EWS	81	12.3	1.2	6.8	+0.9	21.8	1	-4.0	12	44	15	+9	12	13	..
Ranfurly EWS	450	9.2	-1.4	3.9	+0.9	..	..	-7.2	12	35	11	+2	15	15	..
Oamaru AWS	40	11.6	3.7	7.7	+0.5	..	..	..	..	..	..	..	..	..	..
Palmerston	21	12.0	0.9	6.5	+0.7	21.1	1	-6.6	12	81	12	+36	19	14	95
Middlemarch EWS	213	11.0	-1.9	4.6	+0.2	19.3	1	-9.4	12	41	12	-16	25	15	128
Dunedin Aero AWS	2	11.5	0.3	5.9	+0.4	20.2	1	..	..	..	..	..	..	..	..
Dunedin, Musselburgh	4	11.5	6.2	8.9	+1.5	20.3	1	-1.2	12	88	13	+30	42	15	67
Oamaru EWS	20	11.4	2.8	7.1	+0.9	21.8	1	-2.5	12	53	15	..	15	13	97
Murchison Mtns EWS	1140	5.6	1.4	3.5	+1.8	10.8	4	-3.7	12	197	18	+53	58	30	..
Takahe Valley CWS	895	5.6	-0.7	2.5	+2.3	11.0	6	-4.1	12	160	18	..	61	30	..
Te Anau At Park HQ Cw	204	8.2	2.5	5.4	..	14.0	6	-1.7	4	..	..	..	..	..	..
Manapouri, West Arm J	178	8.3	2.7	5.5	+1.3	14.0	7	-1.7	26	223	14	-58	56	30	..
Manapouri Aero AWS	209	9.5	1.4	5.5	+1.0	15.9	6	-3.8	4	109	22	+18	36	30	..
Birchwood WXT AWS	149	10.7	2.5	6.6	+0.9	..	..	..	..	..	..	..	..	..	..
Queenstown EWS	322	9.5	2.5	6.0	..	15.8	6	-1.1	12	42	9	..	26	30	..
Queenstown Aero AWS	357	9.5	0.9	5.2	+1.1	15.9	1	-3.0	12	36	14	-26	20	30	..
Five Rivers CWS	260	10.3	0.7	5.5	+0.6	16.6	7	-4.1	19	67	9	..	19	13	..
Lumsden AWS	194	9.3	0.7	5.0	+0.2	16.7	7	-4.8	12	70	19	+0	19	15	..
Waipounamu CWS	152	9.7	0.3	5.0	+0.4	17.6	7	-4.2	12	..	..	..	..	..	..
Cromwell EWS	213	10.0	-0.2	4.9	+0.6	19.3	1	-6.0	12	29	7	-5	13	30	86
Lauder EWS	375	9.3	-1.6	3.9	+0.6	17.0	1	-5.9	12	25	11	-9	9	15	..
Ophir 2	305	9.5	-3.2	3.2	+0.4	17.0	1	-8.8	12	29	8	-5	12	15	..
Alexandra	150	9.3	-1.4	4.0	+0.2	19.0	1	-5.7	21	36	12	+5	14	15	..
Clyde 2 EWS	170	9.2	-1.9	3.7	+0.2	19.1	1	-6.9	12	29	8	-4	12	15	..
Alexandra AWS	231	8.5	-1.0	3.8	+0.7	..	..	..	..	..	..	..	..	..	..
Alexandra EWS	132	9.2	-0.8	4.2	..	19.0	1	-4.9	21	32	8	..	14	15	110
Roxburgh WXT AWS	160	10.8	2.8	6.8	+1.1	19.2	1	-1.3	3	60	9	..	31	15	..
Ettrick No.2	91	11.1	0.7	5.9	+0.8	19.0	1	-5.0	12	54	7	+11	23	15	..
Tapanui EWS	180	11.3	1.3	6.3	..	17.1	1	-2.9	27	70	12	..	24	15	..
Gore AWS	123	9.8	3.1	6.5	+1.0	16.0	1	-0.7	12	73	18	-5	21	15	..
Gore EWS	60	10.2	2.1	6.2	..	16.6	1	-2.5	12	65	14	..	22	15	101
Invercargill Aero	1	10.7	3.4	7.1	+1.0	16.0	1	-1.0	21	87	13	-17	17	15	75
Invercargill Aero AWS	3	10.6	3.3	7.0	+1.0	15.9	1	-0.9	4	97	15	+2	19	15	..
Invercargill Aero 2 E		10.6	2.6	6.6	+0.8	15.9	1	-1.8	21	80	15	-5	15	15	87
Tiwai Point EWS	5	10.6	4.7	7.7	+0.6	13.9	1	0.4	20	66	16	-27	15	15	..
Stewart Island EWS	3	10.9	5.3	8.1	..	14.7	1	0.4	21	114	20	..	26	15	..
Balclutha, Telford Ew	11	11.0	1.8	6.4	+1.1	..	..	..	..	69	14	+16	41	15	..
Balclutha, Finegand E	6	10.7	1.9	6.3	..	17.8	1	-4.0	12	81	15	..	50	15	..
Nugget Point AWS	131	10.1	5.7	7.9	+1.1	17.0	1	2.2	12	81	18	+1	36	15	..
Tautuku EWS	25	11.0	4.6	7.8	..	17.2	1	0.1	21	99	18	..	45	15	..
South West Cape AWS	103	10.7	7.1	8.9	+0.9	14.0	12	3.2	11	..	..	..	..	..	..
Kiribati,Cassidy Chri	3	32.3	26.6	29.5	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.9	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.8	24.6	28.7	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.4	23.5	28.0	..	..	..	22.1	28	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.7	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	29.0	23.3	26.2	..	..	..	19.9	10	..	..	..	..	..	..
Vanuatu, Bauerfield	20	28.1	20.1	24.1	15.5	15

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

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
New Cal, Koumac	18	27.3	17.8	22.6	..	32.1	8	14.9	20
New Cal, Oulop	7	26.6	19.3	23.0	..	28.7	11	11.0	16	..	..	..	..	..	..
New Cal, Ouanaham	29	26.4	17.7	22.1	..	..	..	9.2	15	..	..	..	..	..	..
New Cal, La Roche	42	27.0	15.4	21.2	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	27.0	16.7	21.9	..	..	..	..	..	..	..	..	..	..	..
New Cal, Nouma	72	26.3	18.9	22.6	..	29.7	8	16.5	30	..	..	..	..	..	..
New Cal, Moue	97	24.5	18.0	21.3	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Butaritari	2	31.9	26.6	29.3	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	27.1	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	32.1	26.8	29.5	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	32.3	26.7	29.5	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	..	26.5	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	..	27.5	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.9	..	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.2	19.9	25.1	..	31.9	14	17.5	23	..	..	..	..	..	..
Fiji,Nausori Aero	6	28.1	21.0	24.6	..	31.3	19	18.0	7	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.1	25.9	28.0	..	31.5	13	23.5	12	..	..	..	..	..	..
Maopopo, Futuna Isla	36	30.2	25.2	27.7	..	..	..	23.8	13	..	..	..	..	..	..
Samoa,Faleolo	4	31.3	24.1	27.7	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.7	24.2	27.5	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.8	26.0	27.9	..	..	..	23.7	12	..	..	..	..	..	..
Tonga,Keppel	2	29.3	23.5	26.4	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	27.4	19.6	23.5	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	27.1	23.0	25.1	..	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.7	20.4	23.6	..	..	..	15.5	6	..	..	..	..	..	..
CI Rarotonga Aero	7	26.1	..	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	30.2	24.1	27.2	..	32.0	1	22.4	18	..	..	..	..	..	..
Society Is, Mopelia		..	24.0	..	..	..	..	..	..	..	..	..	..	..	..
Tahiti - Faaa	1	29.0	23.1	26.1	..	30.9	5	19.5	19	..	..	..	..	..	..
Tuamotu, Takaroa	2	30.1	25.5	27.8	..	..	..	23.4	11	..	..	..	..	..	..
Tuamotu, Hao	3	28.0	24.5	26.3	..	29.1	26	21.3	11	..	..	..	..	..	..
Gambier, Rikitea	91	25.0	20.6	22.8	..	27.3	2	18.3	18	..	..	..	..	..	..
Tubuai	2	24.5	18.9	21.7	..	26.7	21	14.2	8	..	..	..	..	..	..
Rapa	1	21.7	16.7	19.2	..	23.9	5	12.2	26	..	..	..	..	..	..
Raoul Island AWS	50	21.4	15.2	18.3	+0.7	23.7	11	10.4	23	71	19	-67	21	17	162
Enderby Is AWS	39	9.5	5.7	7.6	..	..	..	..	..	..	..	..	..	..	..
Campbell Island AWS	16	7.9	4.0	6.0	+1.0	..	..	..	..	..	..	..	..	..	..
Chatham Island Aero A	12	12.1	7.2	9.7	+0.4	..	..	..	..	..	..	..	..	..	..
Georg Von Neumayer	40	-20.7	-28.9	-24.8	..	-5.3	11	-43.3	8	..	..	..	..	..	..
Ant South Pole	2827	-52.2	-59.9	-56.1	..	-41.4	20	-70.2	4	..	..	..	..	..	..
Gen Belgrano 2	256	-14.1	-21.9	-18.0	..	-5.0	1	-31.1	10	..	..	..	..	..	..
Bellingshausen	16	-3.7	-7.5	-5.6	..	-0.2	2	-12.9	16	..	..	..	..	..	..
Base Jubany	4	-2.9	-8.2	-5.6	..	-0.1	24	-14.5	13	..	..	..	..	..	..
Dinamet	10	-3.2	-8.3	-5.8	..	-0.3	2	-15.0	17	..	..	..	..	..	..
V C Marambio	198	-9.8	-18.8	-14.3	..	2.8	19	-23.7	14	..	..	..	..	..	..
Eduardo Frei	10	-3.9	-6.8	-5.4	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat		-3.4	-5.5	-4.5	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	-3.4	-7.8	-5.6	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-7.3	-10.1	-8.7	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	-3.7	-6.9	-5.3	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-6.3	-11.4	-8.9	..	-1.0	24	-16.6	18	..	..	..	..	..	..
Argentine Is, Faraday	11	-3.5	-7.4	-5.5	..	1.4	30	-10.8	16	..	..	..	..	..	..
Gen San Martin	4	-5.8	-14.0	-9.9	..	8.9	4	-20.3	6	..	..	..	..	..	..
Novolax Arevskaja	99	-14.5	-18.6	-16.6	..	-6.6	16	-28.4	24	..	..	..	..	..	..
Syowa	21	-11.8	-18.9	-15.4	..	-4.4	13	-28.5	24	..	..	..	..	..	..
Mawson	16	-14.5	-21.2	-17.9	..	..	..	..	..	..	..	..	..	..	..
Davis	13	-12.3	-19.9	-16.1	..	..	..	..	..	..	..	..	..	..	..
Progress	64	-13.2	-16.1	-14.7	..	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-15.5	-19.7	-17.6	..	-8.3	29	..	..	..	..	..	..	..	..
Vostok	3420	-61.4	-66.2	-63.8	..	..	..	-73.3	14	..	..	..	..	..	..
Casey	41	-14.7	-24.5	-19.6	..	..	..	..	..	..	..	..	..	..	..
Durmont Durville	43	-15.9	-20.6	-18.3	..	-9.3	3	-26.9	22	..	..	..	..	..	..
Mcmurdo	24	-16.0	-25.2	-20.6	..	-7.8	9	-32.5	23	..	..	..	..	..	..

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

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Arrival Heights EWS	187	-18.0	-26.3	-22.2	..	-9.4	9	-34.4	25	..	..	..	..	..	..
Scott Base 2 EWS	42	-16.9	-27.6	-22.3	..	-8.2	9	-38.2	25	..	..	..	..	..	..
Darwin Airport	31	21.5	15.1	18.3	..	..	..	..	..	..	..	..	..	..	..
Mangatawhiri Dam Ews	151	16.2	7.1	11.7	..	18.9	8	1.8	27	163	16	..	36	14	..
Skid Site Ews	415	13.0	7.1	10.1	..	16.4	8	2.3	29	194	13	..	52	9	..
Late returns and corrections for May 2024															
Kaitaia Aero EWS	80	18.5	10.4	14.5	-0.6	20.8	19	5.5	10	102	20	-37	48	20	..
Tiri Tiri Lighthouse	76	16.6	9.9	13.3	-1.7	19.3	1	6.0	10	113	17	+21	47	20	..
Auckland, Henderson N	7	18.2	6.9	12.6	-1.2	21.4	15	0.1	12	136	19	-4	31	20	..
Auckland Aero	7	17.1	9.2	13.2	-1.0	20.7	15	3.4	12	141	20	+21	50	20	..
Wellington Aero	4	14.3	8.1	11.2	-1.5	17.8	1	3.6	10	90	17	+2	48	1	..
Waipara West EWS	130	14.5	3.3	8.9	-1.6	22.3	31	-2.2	10	..	..	..	..	..	163
Christchurch Aero	37	13.2	0.5	6.9	-2.4	18.5	31	-6.3	10	40	13	-18	16	21	164
Christchurch Gardens	7	14.0	2.3	8.2	-1.9	18.3	15	-2.5	10	39	11	-24	14	20	..
Late returns and corrections for April 2024															
Kaitaia Aero EWS	80	21.9	13.3	17.6	+0.4	..	..	..	..	..	..	..	..	..	..
Auckland, Henderson N	7	21.4	11.3	16.4	+0.2	24.4	9	6.8	24	124	18	+14	37	18	..
Whakatane EWS	1	21.3	10.5	15.9	..	23.9	17	5.1	27	..	..	..	..	..	..
Late returns and corrections for March 2024															
Auckland, Henderson N	7	22.8	11.7	17.3	-1.3	26.1	14	5.3	30	61	19	-30	20	4	..
Late returns and corrections for June 2023															
Maraekakaho CWS	150	15.1	6.3	10.7	..	21.5	2	..	..	183	15	..	46	23	..

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1991-2020.

No normals are available for stations with only short records.

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

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

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