



Climate Database Statistics Report

August 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 August 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	15.8	9.6	12.7	+0.1	..	..	..	..	..	..	..	..	..	..
Kaitaia Aero EWS	80	17.2	9.1	13.2	+0.8	20.6	18	3.9	7	106	17	-16	26	8	..
Kaitaia Airport AWS	77	16.9	8.9	12.9	..	20.3	31	3.3	10	118	18	..	29	8	..
Kaitaia EWS	85	17.2	10.0	13.6	+1.4	21.2	31	5.0	7	100	19	-37	18	8	149
Kerikeri EWS	79	17.3	8.0	12.7	+0.7	21.0	27	3.1	7	206	18	+35	40	30	..
Kerikeri Aerodrome Aw	149	16.5	8.2	12.4	+0.9	19.8	30	4.5	7	199	25	+13	61	2	..
Kaikohe AWS	204	15.4	8.7	12.1	+0.6	..	..	..	..	..	..	..	..	..	..
Trounson CWS	244	15.6	8.3	12.0	+1.4	20.9	31	3.9	22	122	24	-49	32	2	..
Dargaville 2 EWS	66	16.4	9.1	12.8	+1.0	21.7	31	4.2	7	71	21	-44	11	17	91
Purerua AWS	87	16.6	9.7	13.2	+0.9	20.5	27	6.7	10	143	22	+13	23	2	..
Whangarei Aero AWS	37	16.7	8.7	12.7	+0.5	21.5	31	3.4	7	104	21	-26	32	2	..
Whangarei EWS	12	17.5	7.5	12.5	+0.8	22.0	31	1.8	7	111	19	..	50	2	143
Mokohinau Island AWS	70	15.5	12.3	13.9	+0.8	17.6	18	10.4	12	..	..	..	..	..	..
Leigh 2 EWS	27	17.4	10.5	14.0	..	20.2	31	7.6	6	99	17	-21	17	18	..
Warkworth EWS	72	16.3	6.2	11.3	+0.4	21.8	31	0.1	7	90	18	-59	23	29	..
Whangaparaoa AWS	100	16.4	10.0	13.2	+1.1	20.4	31	7.7	6	81	19	-6	21	31	..
Tiri Tiri Lighthouse	76	15.2	..	..	..	19.0	27	..	..	54	21	-44	14	31	..
Auckland, Whenuapai A	26	16.2	6.7	11.5	+0.3	20.7	31	0.6	7	99	20	..	25	17	..
Auckland, North Shore	64	16.3	7.9	12.1	+0.9	..	..	..	..	109	17	-17	27	31	..
Auckland, Henderson N	7	17.1	6.7	11.9	+0.6	20.9	31	0.8	7	121	22	-31	29	17	..
Auckland, Motat EWS	16	16.5	7.4	12.0	..	20.8	31	1.6	7	105	20	..	37	31	170
Manukau Heads EWS	240	13.9	9.6	11.8	..	17.9	29	5.8	3	87	21	..	23	17	151
Whitianga Aero AWS	5	16.3	6.6	11.5	+0.6	20.5	31	0.3	6	..	..	..	..	..	..
Whitianga EWS	1	16.8	6.5	11.7	+0.4	20.3	31	0.9	14	132	17	..	46	17	..
Thames EWS	3	16.1	7.6	11.9	..	21.0	31	1.9	14	87	13	..	41	31	..
Matamata, Hinuera EWS	85	15.5	4.5	10.0	+0.7	18.3	27	-2.4	14	113	12	+29	31	17	..
Tauranga CWS	3	15.7	7.0	11.4	..	18.4	28	3.0	14	92	15	..	29	17	..
Tauranga Aero AWS	2	16.0	6.8	11.4	+0.4	19.1	18	1.2	7	99	16	-13	31	31	187
Whakatane Aero AWS	8	15.4	4.9	10.2	+0.2	18.1	28	-0.6	4	98	22	-8	30	8	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	181
Whakatane EWS	1	16.0	6.0	11.0	..	18.5	28	0.4	14	99	13	..	36	8	..
Mamaku Radar WXT AWS	817	9.9	5.0	7.5	+0.3	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	17.6	4.6	11.1	+0.8	20.6	26	-1.6	14	..	..	..	..	..	..
Rotorua EWS	288	13.7	3.8	8.8	..	17.0	27	-1.8	4	87	13	..	24	17	..
Rotorua Aero AWS	286	13.5	3.7	8.6	+0.2	16.0	31	-3.3	14	96	18	-29	26	17	..
Galatea AWS	175	14.4	3.0	8.7	+0.4	17.6	18	-4.8	4	93	20	..	24	17	..
Taupo CWS	360	14.3	3.6	9.0	..	17.2	29	-3.0	4	123	20	..	35	31	..
Tarapounamu EWS	701	9.1	2.6	5.9	+0.1	12.4	17	-2.6	4	167	22	-21	37	17	..
Taupo Aero AWS	402	12.6	3.1	7.9	+0.4	16.7	29	-4.5	4	105	24	+16	38	31	..
Motu EWS	488	12.7	3.6	8.2	+1.3	17.2	26	-4.0	4	..	..	..	..	..	..
Auckland, Mangere 2 E	16	16.3	8.2	12.3	..	20.9	31	2.3	7	97	17	-21	35	31	181
Auckland Aero	7	16.2	8.6	12.4	+0.7	20.8	31	4.0	7	..	..	..	..	..	..
Auckland Aero Backup	7	16.2	8.6	12.4	+0.7	20.9	31	4.0	7	..	..	..	..	..	..
Ardmore Aero AWS	41	16.2	6.3	11.3	..	19.2	27	0.3	7	..	..	..	..	..	..
Pukekohe EWS	88	15.7	7.3	11.5	+0.5	19.2	31	2.7	14	94	19	-37	34	17	..
Firth Of Thames EWS	3	15.8	5.6	10.7	+0.2	18.9	30	-1.7	14	96	17	-29	28	31	151
Whatawhata 2 EWS	118	14.8	6.1	10.5	+0.1	17.8	31	1.3	14	139	17	-25	37	17	..
Hamilton, Ruakura 2 E	45	15.9	5.0	10.5	+0.7	19.6	31	-1.2	14	85	14	-22	24	17	139
Hamilton Aero AWS	53	15.1	4.1	9.6	-0.1	19.1	31	-2.5	14	122	21	+4	29	17	..
Lake Karapiro CWS	55	15.6	6.8	11.2	+0.6	19.6	31	1.7	14	71	17	-43	14	31	..
Port Taharoa AWS	18	14.8	8.8	11.8	+0.3	17.7	31	3.9	14	97	23	-37	22	17	..
Awakino EWS	400	11.8	6.1	9.0	..	14.7	31	0.8	3	184	18	+23	30	17	99
Waikeria EWS	37	15.5	3.9	9.7	..	19.2	31	-2.8	14	155	18	+45	51	31	139
Te Kuiti EWS	61	15.5	4.3	9.9	+0.3	18.4	27	-2.1	14	150	17	+11	33	17	122
Pureora Forest CWS	549	11.3	2.8	7.1	+0.5	14.6	29	-3.6	14	184	15	-1	61	18	..
Taumarunui EWS	170	14.6	3.9	9.3	+0.7	17.9	29	-3.0	14	165	19	+18	30	31	..
Taumarunui AWS	186	14.3	3.3	8.8	+0.3	18.1	31	-4.4	3	140	23	..	24	31	117
Turangi 2 EWS	360	13.0	1.4	7.2	-0.1	16.4	29	-7.2	4	126	15	-29	35	17	140
New Plymouth Aero AWS	28	14.5	7.5	11.0	+0.7	..	..	..	..	..	..	..	..	..	155
Lower Retaruke CWS	233	13.9	4.6	9.3	+0.8	17.7	31	..	..	173	18	+11	34	18	..
Mt Ruapehu, Chateau E	1097	8.0	0.8	4.4	+0.9	12.0	14	-4.4	6	139	17	-120	22	17	..
Pahiatua EWS	110	13.7	4.6	9.2	+0.9	18.5	31	-3.6	4	212	21	..	74	17	..
Masterton Aero AWS	105	14.5	3.7	9.1	+0.7

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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 EWS	90	15.2	3.5	9.4	+1.4	19.7	29	-3.1	21	111	16	..	35	18	139
Takapau Plains AWS	346	13.2	3.6	8.4	+0.8	20.1	29	-2.6	4
Dannevirke EWS	207	14.5	4.9	9.7	+1.4	20.7	29	-2.5	4	89	18	+11	23	31	126
Cape Turnagain AWS	285	11.8	7.7	9.8	+1.1	17.8	29	3.7	3	55	15	..	13	9	..
Akitio EWS	245	13.0	6.4	9.7	+0.9	18.9	31	2.0	20	88	16	..	24	9	171
Castlepoint AWS	120	14.0	8.6	11.3	+1.2
Te Wharau, Brackenfie	292	13.3	4.3	8.8	+0.8	161	12	+6	38	18	..
Martinborough EWS	20	14.9	5.0	10.0	+1.1	18.8	29	-2.3	4	129	14	+58	40	18	121
Ngawi AWS	8	14.9	9.2	12.1	+1.1	18.2	24	2.9	4	86	14	-1	27	18	..
Hicks Bay AWS	46	15.1	8.9	12.0	+0.4
Gisborne Aero AWS	5	16.1	6.4	11.3	+0.8	21.8	18	0.0	5	53	12	-34	14	9	174
Gisborne EWS	12	16.7	6.5	11.6	+0.9	21.7	18	0.6	5	51	12	-27	15	9	..
Tolaga Bay WXT AWS	15	16.1	7.1	11.6	+1.0
Tutira CWS	235	14.6	6.0	10.3	+1.4	19.4	31	-0.1	4	94	14	-28	31	1	..
Napier Aero AWS	3	16.2	5.5	10.9	+1.0	22.6	29	-0.3	15	41	14	-16	19	9	..
Napier EWS	7	16.6	6.6	11.6	..	23.0	18	0.2	4	42	12	-19	19	9	199
Maraekakaho CWS	150	16.1	4.4	10.3	..	23.6	29	-0.7	4	28	11	..	14	9	..
Hastings AWS	16	16.6	4.2	10.4	+0.7	24.9	29	-1.0	21
Whakatu EWS	5	17.4	3.9	10.7	+1.6	24.7	29	-1.4	15	15	6	-42	4	1	..
Waipawa EWS	130	15.2	2.6	8.9	+0.5	23.0	29	-2.6	4	42	14	-19	14	9	147
Wairoa, North Clyde E	15	16.7	6.1	11.4	+1.2	0.9	15	41	12	-51	15	9	..
Wairoa Aero AWS	13	16.0	5.7	10.9	+1.5	21.7	18	0.4	15	70	17	..	21	9	..
Mahia Radar WXT AWS	419	12.0	7.8	9.9	+1.2
Mahia AWS	136	14.2	8.6	11.4	+0.9	21.1	18	4.2	20
Cape Kidnappers WXT A	113	14.5	10.1	12.3	+1.7
Paraparaumu Aero AWS	8	13.9	7.7	10.8	+1.2	17.1	31	-1.6	3	222	21	+137	59	31	145
Paraparaumu Aero EWS	5	14.4	7.7	11.1	..	17.6	31	-1.6	3	228	17	+141	60	31	139
Ohakea AWS	47	14.3	6.5	10.4	+0.6	20.2	31	-0.2	4	162	15	..	38	17	..
Palmerston North Aero	39	14.6	5.9	10.3	+0.8	20.2	31	-2.5	4	157	19	+80	42	17	..
Palmerston North EWS	21	14.9	6.2	10.6	+1.1	21.0	31	-1.3	13	210	18	+127	64	17	121
Levin AWS	15	14.4	6.6	10.5	+0.9	19.4	31	-1.9	3	175	23	+86	37	17	..
Levin EWS	23	14.9	6.3	10.6	..	19.4	31	-2.1	3	153	17	..	33	17	127
Mana Island AWS	110	12.4	8.7	10.6	+1.2
Porirua, Elsdon Park	7	13.5	7.2	10.4
Wellington, Kelburn A	125	12.8	8.1	10.5	+0.8	16.3	12	2.2	4	184	20	+45	51	18	147
Wellington Aero	4	13.9	8.7	11.3	+1.0	17.3	12	1.5	4	159	17	+65	55	18	..
Wellington, Greta Poi	3	15.8	10.4	13.1	+2.3	20.4	28	4.5	4	152	15	..	55	18	..
Wellington Aero Backu	4	13.9	8.8	11.4	+1.1	17.2	12	1.7	4	162	18	+65	56	18	..
Upper Hutt, Trentham	50	14.0	6.1	10.1	+1.8	17.2	31	-3.0	4	218	16	+108	49	25	133
Stratford EWS	280	12.8	5.2	9.0	+0.4	16.2	24	-0.2	4	317	17	+117	83	31	117
Manaia, Motumate Stm	105	15.6	7.7	11.7	..	21.4	31	-1.3	3	112	23	..	35	18	..
Hawera AWS	100	13.9	7.1	10.5	+1.2	19.3	29	0.8	14
Ohakune EWS	607	11.4	3.6	7.5	+1.0	15.9	31	-3.2	4	146	19	+25	27	18	..
Waiouru Aero AWS	820	10.2	1.2	5.7	+1.1	16.5	31	-5.1	4	105	24	..	18	18	..
Waiouru EWS	803	9.6	1.0	5.3	..	15.7	31	-5.1	4	75	24	-34	15	18	..
Taihape Rec	433	13.9	4.2	9.1	+2.0	19.0	31	-4.0	3	98	19	+13	17	27	..
Flat Hills WXT AWS	262	13.4	5.9	9.7	+1.1
Whanganui, Spriggins	15	15.3	7.9	11.6	+1.2	21.3	31	0.1	3	101	17	+18	32	18	..
Whanganui Aero AWS	14	14.9	8.0	11.5	+1.2	20.8	31	2.0	3
Wanganui 2 AWS	18	16.2	7.3	11.8	+1.2	22.0	31	0.0	3
Takaka EWS	20	15.5	3.5	9.5	+0.9	20.0	28	-2.1	5	275	16	+89	56	23	196
Farewell Spit AWS	3	16.9	8.3	12.6	+1.7	18.7	27	4.1	5
Westport Aero AWS	5	13.7	6.9	10.3	+0.8	15.5	29	1.9	4	248	26	+61	24	23	..
Westport EWS	6	13.9	6.6	10.3	..	15.9	27	1.0	4	248	21	..	29	25	146
Arapito EWS	3	14.5	5.5	10.0	+1.0	17.6	31	1.0	4	322	20	+136	61	18	..
Hokitika Aero	39	13.4	5.2	9.3	+0.9	15.7	16	-0.7	2	435	22	+188	73	22	127
Hokitika Aero AWS	40	13.4	5.2	9.3	+1.0	15.9	16	-0.6	2	420	25	+185	73	22	148
Hokitika EWS	39	13.5	5.0	9.3	..	15.8	16	-0.9	2	426	20	..	78	22	..
Reefton EWS	198	13.1	3.1	8.1	+0.7	17.2	29	-4.9	3	252	22	+73	44	31	101
Greymouth Aero EWS	5	14.0	6.2	10.1	+1.1	16.3	9	1.4	4	355	22	+151	52	25	116
Pigeon Creek CWS	105	12.6	4.5	8.6	+0.9	15.6	9	-3.5	4	679	20	..	90	15	..
Mt Philistine EWS	1655	2.1	-3.0	-0.5	+0.3	9.1	14	-7.5	1	588	24	..	168	31	..
Mahanga EWS	1995	1.3	-3.5	-1.1	+0.8	6.0	13	-8.4	20	288	24	..	65	31	..

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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
Ivory Glacier CWS	1390	4.3	-2.7	0.8	..	7.1	13	-6.6	4	588	21	+216	173	31	..
Okarito EWS	1	13.2	4.9	9.1	..	15.1	27	-1.3	2	461	23	..	102	22	..
Franz Josef EWS	80	13.1	3.8	8.5	+0.7	16.4	9	-1.6	20	590	19	+306	118	22	132
Franz Josef @ Crawford	1612	3.1	-2.1	0.5	..	7.7	14	-5.6	19	454	24	..	82	31	..
Lake Moeraki EWS	10	12.7	2.9	7.8	..	14.9	9	-3.3	2	495	22	..	69	15	..
Haast AWS	1	13.1	5.7	9.4	+1.0	15.2	8	-0.6	20	379	24	+133	56	30	..
Milford Sound AWS	3	11.8	3.3	7.6	+0.7	15.6	28	-1.6	3	687	24	+230	108	24	..
Milford Sound EWS	3	11.7	3.4	7.6	..	15.6	31	-0.8	3	..	..	..	..	..	..
Castle Mount EWS	2000	-0.3	-4.8	-2.6	+0.3	5.2	9	-10.6	20	85	19	..	32	28	..
Puysegur Point AWS	45	11.8	7.4	9.6	+0.9	16.2	28	2.9	20	..	..	..	..	..	..
Stephens Island AWS	188	12.8	8.6	10.7	..	..	..	..	..	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	14.4	7.4	10.9	+0.8	..	..	..	..	300	15	+150	86	18	..
Nelson Aero	2	14.3	4.6	9.5	+0.7	17.8	28	-2.0	4	132	16	+48	24	18	..
Appleby 2 EWS	18	15.0	2.6	8.8	+0.7	19.2	28	-5.7	4	96	13	+18	21	7	184
Richmond EWS	1	14.1	3.0	8.6	+0.0	17.7	28	-3.4	4	109	15	..	23	18	189
Nelson Aero AWS	6	14.1	4.4	9.3	+0.5	17.9	28	-1.7	4	117	23	+36	23	18	..
Blenheim Research EWS	4	..	..	..	..	..	..	..	..	79	13	+21	31	31	215
Wairau Valley, Mill R	172	14.4	3.4	8.9	+0.7	19.2	28	-4.9	4	124	12	+21	35	18	..
Blenheim Aero AWS	36	15.1	3.1	9.1	+0.7	18.9	24	-4.8	4	109	22	+44	36	31	..
Cape Campbell AWS	6	13.0	8.1	10.6	+0.8	17.2	29	3.3	5	80	13	+35	32	31	..
Boyle River Lodge	600	11.1	-1.3	4.9	-0.5	..	..	..	..	226	22	+65	42	25	..
Hanmer Forest EWS	363	13.6	0.5	7.1	+1.1	20.9	31	-7.3	4	136	19	+45	26	8	..
Kaikoura, Middle Cree	5	13.7	2.4	8.1	+0.8	23.1	29	-2.1	5	44	12	..	33	18	..
Kaikoura AWS	108	13.5	6.6	10.1	+1.1	22.2	29	2.4	19	52	7	-7	35	18	..
Arthurs Pass	745	8.1	0.5	4.3	+0.8	..	..	..	..	695	22	+342	114	31	..
Arthurs Pass EWS	745	8.0	0.1	4.1	+0.5	11.3	12	-6.8	3	699	21	..	122	31	..
Arthurs Pass AWS	743	7.5	0.2	3.9	+0.5	..	..	..	..	..	..	..	..	..	..
Culverden AWS	181	13.9	1.7	7.8	+0.7	19.4	31	-5.0	3	71	18	+26	22	18	..
Medbury CWS	232	13.8	0.7	7.3	+0.1	19.1	27	-7.8	4	65	7	..	21	18	..
Balmoral East CWS	172	14.5	1.0	7.8	..	19.8	31	-6.1	4	45	8	..	15	18	..
Waipara North Branch	497	12.1	1.5	6.8	..	18.2	14	-7.3	4	81	14	..	22	17	..
Waiau School CWS	136	15.3	1.8	8.6	+1.0	21.5	31	-5.0	4	69	10	+0	21	18	..
Cheviot EWS	75	15.0	2.0	8.5	+1.0	22.0	31	-5.0	4	45	9	-17	23	18	180
Upper Rakaia EWS	1752	2.7	-3.0	-0.2	+0.7	7.8	14	-8.9	1	230	27	+139	43	31	..
Mt Potts EWS	2128	-0.2	-5.2	-2.7	+0.1	5.9	4	-11.5	1	749	10	..	222	30	..
Mt Cook EWS	730	8.8	0.0	4.4	+0.3	15.8	14	-6.2	4	513	25	+229	73	28	118
Mueller Hut EWS	1818	2.6	-3.2	-0.3	+0.5	9.0	10	-10.8	1	175	19	..	58	31	..
Mt Cook Aero AWS	656	9.2	-1.5	3.9	+0.2	15.9	28	-11.1	3	320	24	..	54	22	..
Cass EWS	571	10.6	-1.5	4.6	..	15.5	28	-10.3	4	182	21	..	26	17	..
Methven CWS	313	13.0	2.9	8.0	+0.8	19.0	28	-4.2	4	..	..	..	..	..	..
Te Pirita at Sharland	208	13.5	3.2	8.4	..	19.0	31	-2.4	20	61	8	..	20	17	..
Winchmore 2 EWS	164	13.6	0.9	7.3	..	19.4	31	-6.2	4	62	8	+3	19	17	193
Mayfield at Ruapuna F	325	12.9	1.7	7.3	..	17.7	28	-5.8	4	75	19	..	20	18	..
Peel Forest	286	13.1	1.1	7.1	+0.7	19.2	31	-4.4	3	70	20	-2	17	17	..
Lismore, Racemans Hou	168	13.6	2.7	8.2	+1.2	20.6	31	-3.9	4	55	10	..	17	17	..
Ashburton Council	101	14.2	3.2	8.7	+1.1	20.5	31	-4.0	4	66	13	+2	18	18	..
Ashburton Aero AWS	88	13.6	2.6	8.1	+1.1	19.7	31	-5.0	4	59	17	-8	16	17	..
Wakanui 2 CWS	53	13.5	3.0	8.3	..	19.9	24	-3.8	4	42	11	..	12	17	..
Waipara West EWS	130	14.8	4.0	9.4	+1.0	20.2	28	-2.3	4	50	8	-5	15	18	168
Ohoka CWS	39	13.5	1.9	7.7	..	19.8	27	-4.6	4	..	..	..	..	..	..
Rangiora EWS	23	13.9	2.1	8.0	+0.5	20.5	27	-4.2	4	66	12	+17	33	18	159
Christchurch Aero	37	13.5	2.1	7.8	+0.5	19.9	29	-6.1	4	59	15	+1	29	18	178
Christchurch Aero Bac	37	13.5	2.0	7.8	+0.8	19.8	29	-6.2	4	..	..	..	..	..	..
Christchurch Gardens	7	14.6	3.5	9.1	+1.0	21.0	24	-2.9	4	54	9	-7	23	18	..
Christchurch, Kyle St	6	13.9	3.2	8.6	+0.5	22.4	29	-3.9	4	..	..	..	..	..	..
Christchurch Botanic	17	13.7	3.5	8.6	..	20.5	29	-2.7	4	47	8	..	21	18	..
Bromley EWS	3	13.1	4.3	8.7	..	..	..	-3.3	4	45	9	..	23	18	184
Lincoln, Broadfield E	18	13.6	3.7	8.7	+1.0	19.1	27	-4.0	4	44	9	-11	21	18	179
Lincoln, Broadfield E	17	13.6	3.5	8.6	..	19.6	31	-4.8	4	45	7	..	22	18	174
Sugar Loaf AWS	496	11.1	4.8	8.0	+1.1	16.0	24	0.1	19	..	..	..	..	..	..
Diamond Harbour EWS	122	13.2	5.6	9.4	+1.2	19.1	29	0.1	20	42	7	..	16	18	182
Akaroa EWS	45	14.0	5.7	9.9	+0.8	19.7	27	0.7	3	65	9	-45	21	18	166
Le Bons Bay AWS	238	11.6	6.0	8.8	+0.9	18.3	29	1.5	19	73	11	+3	27	18	..

Summary of the records of Temperature, Rainfall and Sunshine August 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
Lake Tekapo, Air Safa	762	9.0	-2.0	3.5	-0.2	15.7	28	-10.9	4	53	15	+1	13	31	..
Lake Tekapo EWS	762	10.0	-1.5	4.3	+0.5	17.0	28	-11.8	3	83	16	+45	32	23	191
Fairlie AWS	403	12.0	2.9	7.5	+1.4	18.4	31	-2.7	4	57	14	..	16	23	..
Pukaki Aerodrome AWS	461	10.5	-2.0	4.3	+0.0	17.6	31	-7.7	3	92	22	+41	20	23	..
Orari Estate	81	13.8	1.3	7.6	+0.8	22.0	31	-4.2	4	36	13	-22	11	8	..
Orari Estate EWS	81	13.5	1.2	7.4	+0.7	21.3	31	-4.4	4	35	12	..	10	8	..
Timaru Aero AWS	27	13.0	0.4	6.7	+0.2	..	..	..	..	..	..	..	..	..	..
Timaru EWS	17	12.4	2.2	7.3	+0.6	20.2	29	-2.0	4	25	9	-20	11	25	..
Waimate CWS	39	13.0	2.2	7.6	+0.8	19.2	29	-2.6	4	36	10	-3	14	25	..
Oamaru Airport AWS	30	11.8	2.5	7.2	+0.6	..	..	-1.2	4	..	..	..	..	..	..
Albert Burn	1280	4.7	-2.0	1.4	+0.2	9.5	14	-8.4	20	304	23	+156	49	28	..
Mt Larkins EWS	1900	-0.2	-4.5	-2.4	+1.2	4.1	13	-11.2	19	40	19	..	10	27	..
Eglinton, Knobs Flat	365	10.5	0.6	5.6	+0.5	..	..	-6.0	3	257	23	+129	47	24	..
Tara Hills AWS	485	10.4	-1.6	4.4	-0.4	16.0	28	-7.2	3	69	16	+34	27	23	..
Wanaka CWS	331	11.4	1.0	6.2	..	17.7	31	-3.6	2	55	10	..	16	23	..
Wanaka Aero AWS	352	11.3	1.1	6.2	+0.5	17.0	31	-4.2	2	58	15	+6	18	23	..
Windsor EWS	81	13.8	1.0	7.4	+0.9	19.2	31	-4.5	4	25	10	-10	13	25	..
Ranfurly EWS	450	11.4	-0.7	5.4	+0.8	16.8	28	-7.2	4	39	7	+16	18	25	..
Oamaru AWS	40	12.6	3.6	8.1	+0.7	18.9	24	-0.8	4	36	17	-11	13	25	..
Palmerston	21	13.5	1.5	7.5	+0.9	19.6	31	-4.0	22	28	9	-26	17	25	157
Middlemarch EWS	213	13.1	-0.3	6.4	+0.7	19.8	31	-7.5	3	22	7	-31	16	25	181
Dunedin Aero AWS	2	13.2	-0.1	6.6	+0.1	19.3	31	-6.9	4	44	15	+3	16	25	..
Dunedin, Musselburgh	4	13.1	4.6	8.9	+1.1	18.8	31	-0.3	4	39	10	-16	15	25	171
Oamaru EWS	20	12.6	2.5	7.6	+1.1	18.8	24	-3.5	4	24	10	..	9	25	197
Murchison Mtns EWS	1140	4.4	-0.5	2.0	+0.6	8.9	27	-5.7	1	307	27	+150	39	30	..
Takahe Valley CWS	895	6.0	-1.9	2.1	+1.1	11.4	28	-6.7	3	235	27	..	33	24	..
Te Anau At Park HQ Cw	204	9.6	1.9	5.8	..	14.8	28	-4.3	1	..	..	..	..	..	..
Manapouri, West Arm J	178	8.4	2.2	5.3	+0.4	13.2	28	-4.0	3	506	23	+252	66	24	..
Manapouri Aero AWS	209	10.9	0.4	5.7	+0.4	16.2	31	-6.6	1	137	27	+55	30	25	..
Birchwood WXT AWS	149	11.1	2.0	6.6	+0.3	..	..	..	..	..	..	..	..	..	..
Queenstown EWS	322	11.9	2.0	7.0	..	17.4	28	-2.4	2	73	13	..	24	24	..
Queenstown Aero AWS	357	11.0	0.6	5.8	+0.6	16.5	31	-4.2	4	54	14	+1	17	24	182
Five Rivers CWS	260	12.1	1.0	6.6	+1.0	17.8	31	-5.8	1	58	16	..	17	25	..
Lumsden AWS	194	11.5	0.7	6.1	+0.3	17.4	31	-5.5	3	75	24	+19	27	25	..
Waipounamu CWS	152	12.2	0.4	6.3	+0.7	17.7	31	-5.3	3	61	15	..	21	25	..
Cromwell EWS	213	13.2	-0.9	6.2	+0.0	19.8	31	-6.0	4	22	10	-4	10	25	178
Lauder EWS	371	12.0	0.0	6.0	+0.8	18.0	31	-5.9	3	37	12	+18	19	25	..
Ophir 2	305	12.6	-1.8	5.4	+0.8	19.0	31	-8.8	4	31	9	+14	16	25	..
Alexandra	150	13.3	-0.4	6.5	+0.4	21.6	31	..	..	21	6	+6	12	25	139
Clyde 2 EWS	170	13.4	-1.5	6.0	+0.4	20.3	31	-6.7	3	21	7	-3	12	25	..
Alexandra AWS	231	12.2	-0.4	5.9	+0.5	19.1	31	-5.9	3	..	..	..	..	..	..
Alexandra EWS	132	13.3	-0.4	6.5	..	20.3	31	-6.4	3	21	9	..	12	25	192
Roxburgh WXT AWS	160	12.3	3.3	7.8	+0.6	18.7	31	-1.8	1	28	13	..	14	25	..
Ettrick No.2	91	13.2	1.2	7.2	+0.8	19.7	31	-5.5	3	30	7	+0	11	25	..
Tapanui EWS	180	12.4	1.6	7.0	..	20.6	31	-5.1	1	57	12	..	11	11	..
Gore AWS	123	11.2	2.6	6.9	+0.5	19.0	31	-3.7	3	53	22	-7	13	11	..
Gore EWS	60	11.7	1.7	6.7	..	18.9	31	-5.7	3	42	16	..	11	24	177
Invercargill Aero	1	11.8	2.7	7.3	+0.6	..	..	..	..	..	..	..	..	..	..
Invercargill Aero AWS	3	12.0	2.7	7.4	+0.8	18.3	31	-2.9	3	83	16	+13	15	24	..
Invercargill Aero 2 E		12.0	2.2	7.1	+0.6	18.5	31	-3.2	3	74	14	+11	13	24	153
Tiwai Point EWS	5	11.5	4.1	7.8	+0.4	17.6	31	-1.1	3	103	16	+26	26	17	..
Stewart Is	3	12.0	2.5	7.3	+0.1	..	..	..	..	130	..	+14	38	17	..
Stewart Island EWS	3	11.9	4.3	8.1	..	15.8	14	-0.6	26	161	23	..	41	17	..
Balclutha, Telford Ew	11	12.1	1.6	6.9	+0.7	18.1	31	-4.7	3	33	12	+1	11	24	145
Balclutha, Finegand E	6	12.3	1.9	7.1	..	18.3	31	-3.3	3	36	13	..	10	24	..
Nugget Point AWS	131	10.9	4.7	7.8	+0.6	17.2	31	0.1	20	44	15	-5	8	24	..
Tautuku EWS	25	12.0	3.8	7.9	..	18.4	28	-0.3	26	82	17	..	15	19	..
South West Cape AWS	103	10.8	6.3	8.6	+0.6	15.8	27	0.5	19	..	..	..	..	..	..
Kiribati,Cassidy Chri	3	32.0	25.9	29.0	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	30.6	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.9	..	..	..	..	23.2	11	..	..	..	..	..	..
Solomon, Honiara	56	32.1	24.0	28.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.7	23.1	27.4	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine August 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
Solomon, Santa Cruz	24	..	25.0	..	..	..	..	23.0	10	..	..	..	..	..	..
Vanuatu,Pekoa	56	28.7	22.2	25.5	..	..	..	17.9	26	..	..	..	..	..	..
Vanuatu, Bauerfield	20	26.8	18.8	22.8	..	29.8	18	..	..	..	..	..	..	..	..
New Cal, Koumac	18	26.6	16.4	21.5	..	30.9	17	13.9	4	..	..	..	..	..	..
New Cal, Oulop	7	25.8	19.6	22.7	..	29.3	19	11.1	4	..	..	..	..	..	..
New Cal, Ouanaham	29	25.3	17.8	21.6	..	28.9	19	..	..	..	..	..	..	..	..
New Cal, Nouma	72	25.4	17.8	21.6	..	28.8	16	15.3	7	..	..	..	..	..	..
Kiribati,Butaritari	2	32.4	26.5	29.5	..	33.1	16	24.6	4	..	..	..	..	..	..
Kiribati,Tarawa	2	..	27.0	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	32.4	27.1	29.8	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.0	26.7	28.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.6	..	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	29.1	18.5	23.8	..	32.6	20	..	..	..	..	..	..	..	..
Fiji,Nausori Aero	6	27.1	19.7	23.4	..	..	..	16.0	7	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.1	24.7	26.9	..	30.3	25	21.4	30	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	28.6	24.0	26.3	..	30.0	4	21.5	30	..	..	..	..	..	..
Samoa,Faleolo	4	30.1	22.9	26.5	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.0	22.7	25.9	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.0	24.5	26.8	..	30.9	26	..	..	..	..	..	..	..	..
Tonga,Keppel	2	..	22.3	..	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	26.1	17.4	21.8	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	25.7	21.4	23.6	..	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	25.3	18.1	21.7	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	25.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	29.9	23.5	26.7	..	32.2	10	21.5	13	..	..	..	..	..	..
Tahiti - Faaa	1	28.5	22.2	25.4	..	29.5	5	18.0	1	..	..	..	..	..	..
Tuamotu, Takaroa	2	29.5	24.2	26.9	..	30.4	15	23.3	23	..	..	..	..	..	..
Tuamotu, Hao	3	27.0	23.1	25.1	..	28.4	17	20.5	25	..	..	..	..	..	..
Gambier, Rikitea	91	22.7	18.4	20.6	..	25.7	13	15.7	31	..	..	..	..	..	..
Tubuai	2	23.5	18.5	21.0	..	25.7	29	14.3	1	..	..	..	..	..	..
Rapa	1	19.9	16.0	18.0	..	22.8	6	12.7	17	..	..	..	..	..	..
Raoul Island AWS	50	20.2	13.7	17.0	+0.7	23.7	18	10.5	10	50	22	-82	12	3	202
Enderby Is AWS	39	9.7	5.0	7.4	..	..	..	..	..	..	..	..	..	..	..
Campbell Island AWS	16	7.9	3.7	5.8	+0.5	11.6	28	-4.6	20	..	..	..	..	..	..
Chatham Island Aero A	12	13.2	6.4	9.8	+0.8	..	..	..	..	..	..	..	..	..	..
Georg Von Neumayer	40	-16.7	-28.1	-22.4	..	-6.0	7	-38.8	14	..	..	..	..	..	..
Ant South Pole	2827	-49.9	-59.2	-54.6	..	-35.3	5	-70.1	17	..	..	..	..	..	..
Gen Belgrano 2	256	-16.5	-23.7	-20.1	..	-5.9	31	-37.5	16	..	..	..	..	..	..
Bellingshausen	16	-5.4	-8.7	-7.1	..	0.7	30	-20.4	11	..	..	..	..	..	..
Base Jubany	4	-4.5	-9.2	-6.9	..	2.7	26	-21.1	15	..	..	..	..	..	..
Dinamet	10	-4.4	-8.5	-6.5	..	1.3	27	-15.0	11	..	..	..	..	..	..
V C Marambio	198	-9.5	-19.6	-14.6	..	5.4	26	-29.6	14	..	..	..	..	..	..
Great Wall	10	-5.1	-8.8	-7.0	..	0.4	31	-19.4	15	..	..	..	..	..	..
Palmer Station	8	-4.3	-8.6	-6.5	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-8.0	-14.9	-11.5	..	1.8	25	-26.9	8	..	..	..	..	..	..
Argentine Is, Faraday	11	-4.0	-8.4	-6.2	..	3.4	30	-14.7	8	..	..	..	..	..	..
Gen San Martin	4	-6.0	-14.0	-10.0	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-11.6	-15.5	-13.6	..	..	..	-28.5	16	..	..	..	..	..	..
Maitri		-10.5	-16.1	-13.3	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-10.6	-16.5	-13.6	..	-1.1	6	-32.1	18	..	..	..	..	..	..
Mawson	16	-8.2	-15.2	-11.7	..	..	..	..	..	..	..	..	..	..	..
Davis	13	-8.4	-16.4	-12.4	..	-0.3	4	-25.0	1	..	..	..	..	..	..
Progress	64	-8.0	-11.4	-9.7	..	-1.1	4	..	..	..	..	..	..	..	..
Mirnyj	30	-10.7	-14.2	-12.5	..	-3.1	18	..	..	..	..	..	..	..	..
Vostok	3420	-55.3	-62.8	-59.1	..	-34.1	6	..	..	..	..	..	..	..	..
Casey	41	-9.2	-18.9	-14.1	..	2.3	3	-27.7	28	..	..	..	..	..	..
Durmont Durville	43	-12.8	-16.9	-14.9	..	-5.1	2	-26.5	27	..	..	..	..	..	..
Mcmurdo	24	-16.1	-25.8	-21.0	..	-6.2	1	-43.2	29	..	..	..	..	..	..
Arrival Heights EWS	187	-17.9	-26.7	-22.3	..	-8.1	1	-44.3	29	..	..	..	..	..	..
Scott Base 2 EWS	42	-17.7	-28.5	-23.1	..	-7.2	1	-47.5	29	..	..	..	..	..	..
Darwin Airport	31	33.1	13.7	23.4	..	35.6	24	10.5	10	..	..	..	..	..	..
Mangatawhiri Dam Ews	151	15.1	5.5	10.3	..	18.2	31	-0.1	8	198	22	..	58	17	..
Skid Site Ews	415	11.9	4.8	8.4	..	14.3	30	-0.1	7	202	18	..	62	17	..

Summary of the records of Temperature, Rainfall and Sunshine August 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
Late returns and corrections for July 2024															
Trounson CWS	244	15.6	7.8	11.7	+1.4	..	..	1.8	5	268	26	+30	39	19	..
Auckland, North Shore	64	15.9	7.1	11.5	+0.9	18.1	16	0.9	5	114	19	-31	28	19	..
Motu EWS	488	11.9	1.8	6.9	+0.5	16.3	26	-4.3	26	..	..	..	..	..	..
Auckland Aero	7	15.3	7.9	11.6	+0.4	17.4	21	3.0	12	116	27	-21	27	19	..
Pureora Forest CWS	549	11.1	1.4	6.3	+0.5	14.7	16	-3.7	13	129	12	-18	25	29	..
Wellington Aero	4	13.0	7.8	10.4	+0.6	16.3	27	2.1	5	96	17	-14	25	30	..
Taihape Rec	433	12.5	2.0	7.3	+0.9	18.0	16	..	..	70	13	-22	16	20	..
Greymouth Aero EWS	5	13.6	5.3	9.5	+1.5	16.1	19	0.1	12	114	12	-83	41	1	127
Boyle River Lodge	600	11.7	-1.0	5.4	+1.7	..	..	..	..	54	12	-111	16	30	..
Mt Potts EWS	2128	0.6	-4.1	-1.8	+1.5	11.5	10	-11.3	31	2	2	..	1	9	..
Christchurch Aero	37	11.4	1.7	6.6	+0.6	19.0	27	-4.3	5	29	20	-35	6	30	126
Christchurch, Kyle St	6	11.4	3.1	7.3	+0.6	18.1	27	-2.6	5	..	..	..	..	..	..
Lake Tekapo EWS	762	8.0	-2.0	3.0	+1.1	17.6	26	-6.3	14	71	9	+21	24	1	170
Ranfurly EWS	450	8.5	-2.2	3.2	+0.6	15.1	25	-7.7	13	37	8	+14	30	1	..
Clyde 2 EWS	170	7.7	-2.4	2.7	-0.6	17.5	26	-6.3	14	33	8	+10	15	1	..
Stewart Is	3	11.1	4.6	7.9	+1.4	..	..	..	..	57	..	-74	13	27	..
Late returns and corrections for June 2024															
Trounson CWS	244	16.7	9.9	13.3	+2.2	21.0	8	3.8	28	161	23	-43	32	19	..
Motu EWS	488	13.2	4.1	8.7	+1.9	19.4	3	-1.2	1	259	14	+28	60	9	..
Pureora Forest CWS	549	12.0	3.8	7.9	+1.3	15.6	8	-1.7	28	148	11	-14	51	14	..
Greymouth Aero EWS	5	14.2	6.4	10.3	+1.4	17.8	9	3.0	6	187	15	-46	60	9	107
Mt Potts EWS	2128	1.5	-2.9	-0.7	+1.4	7.4	2	-9.5	19	82	5	..	55	10	..
Mt Somers, Somer Down	372	11.2	2.2	6.7	..	..	..	-1.5	13	63	13	-24	14	23	..
Christchurch, Kyle St	6	12.2	4.1	8.2	+1.0	19.8	1	-2.9	12	..	..	..	..	..	..
Ranfurly EWS	450	9.2	-1.4	3.9	+0.9	..	..	-7.2	12	35	11	+2	15	15	..
Stewart Is	3	11.3	4.7	8.0	+1.0	..	..	0.0	21	96	..	-44	24	15	..
Late returns and corrections for May 2024															
Christchurch, Kyle St	6	13.0	1.9	7.5	-2.6	17.8	18	-3.3	10	34	8	-26	13	21	..
Late returns and corrections for April 2024															
Christchurch, Kyle St	6	18.2	7.6	12.9	+0.2	28.2	10	-0.2	27	27	7	-33	21	11	..
Late returns and corrections for March 2024															
Christchurch, Kyle St	6	19.5	9.4	14.5	-1.0	26.0	4	1.8	16	17	9	-27	7	15	..
Late returns and corrections for February 2024															
Christchurch, Kyle St	6	23.4	12.2	17.8	+0.4	30.4	19	5.9	4	21	7	-17	14	10	..
Lake Tekapo EWS	762	24.1	7.5	15.8	+0.6	32.6	5	-0.4	11	7	4	-35	3	10	269
Late returns and corrections for January 2024															
Christchurch, Kyle St	6	24.6	14.1	19.4	+1.8	34.0	20	8.5	24	18	8	-25	7	5	..
Late returns and corrections for December 2023															
Christchurch, Kyle St	6	22.6	12.6	17.6	+1.3	30.8	29	7.9	13	35	8	-12	13	12	..
Late returns and corrections for November 2023															
Christchurch, Kyle St	6	19.9	9.3	14.6	+0.4	29.1	14	3.9	18	37	9	-3	8	23	..
Late returns and corrections for October 2023															
Christchurch, Kyle St	6	18.4	7.1	12.8	+0.4	25.9	26	0.2	28	35	8	-11	13	16	..
Late returns and corrections for September 2023															
Christchurch, Kyle St	6	17.2	6.7	12.0	+1.6	25.5	17	-0.1	25	59	11	+19	19	22	..
Late returns and corrections for August 2023															
Christchurch, Kyle St	6	13.0	2.0	7.5	-0.6	19.6	20	-3.1	9	23	9	-35	6	9	..
Late returns and corrections for July 2023															
Christchurch, Kyle St	6	12.3	2.2	7.3	+0.6	18.4	18	-1.7	3	112	14	+48	69	22	..

Summary of the records of Temperature, Rainfall and Sunshine — Late returns

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		Hrs
Late returns and corrections for May 2023															
Mt Potts EWS	2128	2.5	-2.8	-0.2	-0.4	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for January 2023															
Whitianga EWS	1	23.1	16.7	19.9	+0.2	29.7	21	12.8	25	..	..	..	..	..	..

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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