

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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		
Solomon, Henderson	9	32.6	23.1	27.9	..	34.0	18	..	..	..	..	..	..	..
Vanuatu,Sola	13	..	24.5	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	..	23.2	..	..	..	..	21.1	15	121	20	..	36	26
Vanuatu, Bauerfield	20	31.1	22.1	26.6	..	32.4	17	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	22.7	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	..	22.2	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	30.5	22.5	26.5	..	32.6	16	20.3	1	..	..	..	..	..
New Cal, Oulop	7	30.3	24.6	27.5	..	31.5	6	20.2	14	..	..	..	..	..
New Cal, Ouanaham	29	29.8	23.7	26.8	..	..	..	18.8	13	..	..	..	..	..
New Cal, Poinimie	13	30.5	23.3	26.9	..	31.6	14	21.0	14	..	..	..	..	..
New Cal, La Roche	42	29.6	22.8	26.2	..	31.2	13	17.7	29	..	..	..	..	..
New Cal, La Tontouta	14	31.2	21.8	26.5	..	32.9	31	19.6	13	..	..	..	..	..
New Cal, Nouma	72	30.5	23.9	27.2	..	32.9	24	22.6	1	..	..	..	..	..
New Cal, Moue	97	28.8	23.0	25.9	..	30.4	16	20.4	31	..	..	..	..	..
Kiribati,Tarawa	2	..	25.2	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.3	25.0	28.2	..	..	..	..	..	..	..	..	..	..
Kiribati,Beru	2	..	25.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	..	26.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.1	26.9	29.5	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	31.2	23.2	27.2	..	..	..	21.9	19	..	..	..	..	..
Fiji, Nadi EWS	15	31.6	23.3	27.5	..	33.1	17	21.9	19	274	20	..	69	31	
Fiji,Nausori Aero	6	30.4	23.1	26.8	..	32.9	1	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	31.3	25.7	28.5	..	32.1	21	23.9	1	..	..	..	..	..
Maopopo, Futuna Isla	36	31.5	25.0	28.3	..	..	..	23.9	1	..	..	..	..	..
Samoa,Faleolo	4	32.1	24.3	28.2	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.6	24.6	28.1	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.9	25.7	28.3	..	32.2	12	23.6	1	..	..	..	..	..
Tonga, Queen Lavinia	60	30.3	23.6	27.0	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.4	22.7	26.1	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	29.3	24.2	26.8	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	29.2	23.8	26.5	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	29.9	23.7	26.8	..	31.9	2	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.2	24.4	28.3	..	33.8	5	22.6	1	90	8	..	45	7	
Tahiti - Faaa	1	31.7	25.3	28.5	..	32.8	7	23.5	13	157	13	..	40	20	
Tuamotu, Takaroa	2	31.7	26.6	29.2	..	..	..	25.6	15	..	..	..	..	..
Tuamotu, Hao	3	30.1	25.7	27.9	..	..	..	22.9	8	..	..	..	..	..
Gambier, Rikitea	91	27.0	23.2	25.1	..	..	..	..	..	263	18	..	50	11
Tubuai	2	28.1	23.7	25.9	..	30.3	5	21.2	29	..	..	..	..	..
Rapa	1	24.8	21.8	23.3	..	27.7	3	18.9	29	..	..	..	..	..
Raoul Island AWS	49	24.8	20.3	22.6	..	26.6	17	17.8	23	191	18	..	149	1	
Enderby Is AWS	40	..	9.6	..	..	..	..	5.9	14	..	..	..	..	..
Chatham Island Aero A	12	20.2	13.4	16.8	..	24.8	6	6.0	24	26	18	..	9	10	
Georg Von Neumayer	40	-13.0	-22.1	-17.6	..	-6.2	10	-32.5	28	..	..	..	..	..
Ant South Pole	2827	-48.1	-53.8	-51.0	..	-35.4	8	-63.1	17	..	..	..	..	..
Halley Bay	30	-13.2	-21.2	-17.2	..	..	..	..	..	..	..	..	..	..
Gen Belgrano 2	256	-9.1	-14.5	-11.8	..	-2.0	9	-22.5	23	..	..	..	..	..
Bellingshausen	16	1.7	-1.1	0.3	..	..	..	-5.5	13	..	..	..	..	..
Base Jubany	4	3.2	-1.3	1.0	..	6.4	3	-6.0	13	..	..	..	..	..
V C Marambio	198	-2.3	-9.5	-5.9	..	5.4	14	-19.5	31	..	..	..	..	..
Eduardo Frei	10	1.7	-0.9	0.4	..	..	..	..	..	..	..	..	..	..
Arturo Prat		2.6	-0.6	1.0	..	..	..	..	..	..	..	..	..	..
Great Wall	10	2.3	-0.9	0.7	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-0.2	-2.2	-1.2	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	2.0	-0.6	0.7	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	1.0	-1.7	-0.4	..	3.5	14	-5.1	7	..	..	..	..	..
Argentine Is, Faraday	11	1.4	-1.6	-0.1	..	3.5	17	-4.1	1	..	..	..	..	..
Gen San Martin	4	1.7	-2.9	-0.6	..	5.6	14	-8.2	8	..	..	..	..	..
King Sejong	11	3.2	-0.7	1.3	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-5.4	-9.7	-7.6	..	1.3	7	-16.4	18	..	..	..	..	..
Maitri		-4.6	-9.8	-7.2	..	..	..	..	..	..	..	..	..	..
Syowa	21	-4.5	-9.5	-7.0	..	-0.1	5	-18.2	13	..	..	..	..	..
Mawson	16	-6.7	-12.6	-9.7	..	-1.6	1	-19.4	18	..	..	..	..	..
Davis	13	-4.5	-10.2	-7.4	..	-0.5	6	-18.7	22	..	..	..	..	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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 February 2019

Kerikeri EWS	79	25.4	15.4	20.4	+0.7	29.4	12	11.3	28	97	15	-23	29	2	..
Tiri Tiri Lighthouse	76	23.9	17.2	20.6	+0.8	..	..	13.6	26	47	10	-13	27	22	..
Waiheke Island, Awaro	34	26.6	15.8	21.2	..	29.8	12	11.0	26	59	7	-16	26	21	..
Matamata, Hinuera EWS	85	26.7	12.0	19.4	+1.0	30.8	13	5.0	27	13	3	..	12	22	..
Auckland, Mangere 2 E	16	25.0	15.9	20.5	..	28.4	14	9.7	27	22	7	..	13	22	251
Waikeria EWS	37	26.9	11.8	19.4	..	31.3	14	4.1	26	19	4	..	14	22	229
Akitio EWS	245	20.7	13.4	17.1	..	28.1	14	6.8	26	88	9	..	73	24	251
Martinborough EWS	20	24.8	11.5	18.2	+0.5	30.2	11	2.8	7	29	5	..	22	24	227
Levin EWS	23	22.9	12.7	17.8	..	27.0	3	3.7	26	49	8	..	13	21	239
Upper Hutt, Trentham	50	23.0	10.3	16.7	..	28.1	11	0.9	26	40	6	..	20	24	239
Stratford EWS	280	22.1	10.7	16.4	+0.1	..	..	..	..	..	..	..	..	..	..
Waiouru Treatment Pla	806	21.5	8.7	15.1	+0.8	27.3	14	0.5	26	28	8	-41	11	22	..
Wanganui,Spriggens Pa	15	23.2	13.6	18.4	+0.0	26.8	10	6.2	26	15	8	-62	6	23	..
Richmond EWS	1	24.0	13.1	18.6	..	30.4	5	7.6	25	2	3	..	1	24	289
Grassmere Salt Works	2	23.2	14.4	18.8	+0.9	33.0	4	8.9	26	27	3	-10	14	23	..
Boyle River Lodge	600	24.4	9.3	16.9	+1.6	35.0	13	1.0	28	47	8	-74	13	23	..
Arthurs Pass	745	18.1	8.9	13.5	+0.4	23.3	11	0.6	28	136	13	-131	27	21	..
Peel Forest	286	22.6	9.0	15.8	+0.6	30.4	10	2.1	28	94	9	-6	45	23	..
Waipara West EWS	130	24.8	10.9	17.9	..	31.7	4	5.3	28	20	7	..	9	23	250
Windsor EWS	81	21.3	9.3	15.3	+0.4	28.6	19	2.5	25	32	7	-18	15	27	..
Dunedin, Musselburgh	4	20.2	12.1	16.2	+1.2	29.8	19	6.3	7	19	10	-49	6	15	224
Ophir 2	305	24.2	5.6	14.9	..	29.9	11	-1.1	25	20	5	..	10	14	..
Ettrick No.2	91	23.8	8.3	16.1	+0.6	32.0	13	1.8	7	33	10	-25	14	27	..
Tapanui	180	21.8	8.6	15.2	+0.9	31.5	10	1.4	25	44	15	-39	12	27	..
Winton 2	44	21.4	9.8	15.6	+1.3	30.0	13	5.0	25	59	10	-20	15	15	..
Thornbury	20	22.0	9.9	16.0	..	30.7	13	1.1	7	72	16	..	17	19	..
Stewart Is	3	19.3	10.3	14.8	+1.5	..	..	4.5	28	93	..	-16	25	19	..

Late returns and corrections for January 2019

Tiri Tiri Lighthouse	76	24.1	17.3	20.7	+1.4	26.3	19	13.6	15	11	2	-51	8	14	..
Auckland Aero	7	24.4	17.8	21.1	+1.3	28.4	30	13.6	15	32	9	-34	23	14	..
Taumarunui EWS	170	25.2	12.5	18.9	..	31.9	29	7.3	12	..	..	..	..	..	..
Martinborough EWS	20	25.8	14.2	20.0	+2.1	33.0	31	5.5	25	12	7	..	5	14	271
Wellington Aero	4	23.1	16.1	19.6	+1.7	26.9	31	11.6	25	24	3	-34	13	13	..
Upper Hutt, Trentham	50	24.4	13.4	18.9	..	33.5	29	5.5	25	26	6	..	11	13	274
Stratford EWS	280	23.2	13.4	18.3	+2.4	29.5	29	8.9	26	51	5	-71	27	14	296
Wanganui,Spriggens Pa	15	23.8	15.9	19.9	+1.6	28.2	29	10.5	25	32	7	-27	19	14	..
Richmond EWS	1	26.3	14.7	20.5	..	33.8	27	10.1	5	6	4	..	4	13	355
Boyle River Lodge	600	25.3	..	..	..	35.0	31	..	..	116	12	-33	30	23	..
Peel Forest	286	22.9	10.9	16.9	+1.3	31.2	5	4.1	24	46	14	-59	9	23	..
Christchurch Aero	37	25.1	13.4	19.3	+2.1	33.0	23	7.3	24	30	11	-6	9	14	251
Dunedin, Musselburgh	4	21.2	12.9	17.1	+1.8	31.4	5	8.1	24	84	10	+11	27	6	216
Stewart Is	3	19.8	10.4	15.1	+1.6	27.2	29	4.5	24	206	25	+53	28	23	151
Balclutha,Finegand	6	21.3	11.4	16.4	+1.3	..	..	..	..	63	15	-7	18	27	..

Late returns and corrections for December 2018

Taumarunui EWS	170	22.7	10.8	16.8	..	27.6	16	3.3	7	..	..	..	..	..	..
Upper Hutt, Trentham	50	21.6	11.8	16.7	..	25.4	9	5.8	8	143	13	..	58	19	202
Stratford EWS	280	20.8	11.5	16.2	+1.8	24.3	18	6.7	8	118	15	-47	16	3	212
Wanganui,Spriggens Pa	15	22.0	13.8	17.9	+1.0	25.9	2	8.7	7	93	15	+7	27	19	..
Richmond EWS	1	22.6	13.2	17.9	..	28.6	18	7.7	7	62	14	..	14	21	237
Dunedin, Musselburgh	4	18.4	11.9	15.2	+1.4	26.5	18	5.7	23	57	14	-23	30	4	212

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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	
Stewart Is	3	19.0	10.3	14.7	+2.3	27.5	29	3.5	23	55	..	-69	12	21	..
Vanuatu, Bauerfield	20	30.2	21.9	26.1	..	32.5	24	16.9	6	..	..	..	..	..	..
Late returns and corrections for November 2018															
Upper Hutt, Trentham	50	18.5	8.8	13.7	..	23.3	14	0.4	2	91	19	..	23	9	202
Stratford EWS	280	17.6	8.9	13.3	+0.8	22.1	14	0.9	20	94	17	-58	21	26	183
Wanganui, Spriggens Pa	15	19.5	11.2	15.4	+0.5	25.1	7	3.3	2	54	11	-21	23	25	..
Richmond EWS	1	20.1	9.7	14.9	..	23.2	5	4.6	21	28	11	..	8	24	245
Lauder EWS	375	17.5	5.6	11.6	-0.5	23.9	14	0.0	2	109	11	+68	52	8	..
Stewart Is	3	15.9	8.2	12.1	+1.2	22.8	7	3.5	1	124	18	-5	26	3	..
Late returns and corrections for October 2018															
Upper Hutt, Trentham	50	16.3	6.6	11.5	..	20.5	22	-4.6	19	103	9	..	27	29	172
Stratford EWS	280	15.9	5.9	10.9	+0.0	20.8	22	0.4	19	135	10	-83	39	27	172
Wanganui, Spriggens Pa	15	16.9	9.0	13.0	-0.3	20.9	19	3.2	19	94	9	+6	24	29	..
Richmond EWS	1	18.1	8.6	13.4	..	22.0	17	2.5	14	88	12	..	34	11	245
Late returns and corrections for September 2018															
Upper Hutt, Trentham	50	14.1	4.3	9.2	..	20.7	19	-2.8	12	86	11	..	32	2	162
Stratford EWS	280	13.8	5.7	9.8	+0.2	18.5	20	0.5	10	101	14	-80	30	17	171
Wanganui, Spriggens Pa	15	15.4	7.2	11.3	-0.6	20.8	17	1.0	11	33	11	-41	9	2	..
Late returns and corrections for August 2018															
Upper Hutt, Trentham	50	13.7	3.8	8.8	..	16.7	6	-3.5	13	116	20	..	32	20	130
Stratford EWS	280	13.5	5.0	9.3	+1.1	16.3	30	-0.9	19	193	20	+3	47	20	155
Wanganui, Spriggens Pa	15	15.0	6.7	10.9	+0.7	20.1	29	3.0	13	109	21	+35	25	14	..
Late returns and corrections for July 2018															
Upper Hutt, Trentham	50	12.8	2.6	7.7	..	15.7	14	-5.1	13	148	15	..	53	8	117
Stratford EWS	280	12.5	4.2	8.4	+0.8	14.5	18	0.2	6	191	19	-17	35	8	115
Wanganui, Spriggens Pa	15	14.1	6.4	10.3	+0.8	17.2	14	1.2	5	99	17	+14	13	8	..
Late returns and corrections for June 2018															
Stratford EWS	280	12.2	4.5	8.4	+0.0	16.1	15	-2.2	27	123	19	-73	40	18	99
Wanganui, Spriggens Pa	15	13.4	5.7	9.6	-0.8	18.2	16	-0.5	22	89	16	+0	23	18	..
Late returns and corrections for May 2018															
Stratford EWS	280	14.8	7.9	11.4	+1.0	19.5	13	2.7	31	265	19	+93	44	12	127
Wanganui, Spriggens Pa	15	16.2	9.3	12.8	+0.4	22.2	13	1.8	31	100	20	+21	21	22	..
Late returns and corrections for March 2018															
Wanganui, Spriggens Pa	15	22.8	14.2	18.5	+1.5	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for February 2018															
Stratford EWS	280	22.3	13.5	17.9	+1.6	26.0	18	7.4	4	189	10	+58	49	11	178

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.