



Climate Database Statistics Report

March 2021

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 March 2021

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine Hrs
		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	mm		
Cape Reinga AWS	214	22.2	16.3	19.3	+0.6	24.7	22	14.2	20	64	18	+8	36	28	..
Kaitaia Aero EWS	80	23.4	15.1	19.3	+0.6	25.8	2	10.7	22	65	13	-21	23	10	..
Kaitaia Aero AWS	82	23.4	14.6	19.0	..	25.0	1	11.0	21	75	16	..	26	10	..
Kaitaia EWS	85	23.1	15.1	19.1	+0.4	25.0	12	10.7	22	54	11	-24	13	10	171
Kerikeri EWS	79	23.1	13.5	18.3	+0.0	26.4	2	8.9	25	114	15	-17	53	3	..
Kerikeri Aerodrome Aw	150	22.8	13.6	18.2	+0.1	26.9	2	9.9	21	95	19	-43	25	3	..
Kaikohe AWS	204	22.1	13.8	18.0	+0.3	26.5	2	9.2	21	53	19	-56	9	3	..
Trounson CWS	244	22.4	13.2	17.8	..	25.4	2	7.4	22	38	14	-64	10	30	..
Dargaville 2 EWS	66	23.2	13.5	18.4	+0.3	25.8	1	8.3	22	42	12	-38	13	3	191
Purerua AWS	82	22.4	15.2	18.8	..	24.9	31	11.2	21	48	13	..	18	3	..
Russell CWS	15	23.6	13.8	18.7	..	26.5	3	8.9	22	106	20	..	45	3	..
Whangarei Aero AWS	37	23.2	15.0	19.1	+0.3	27.2	2	10.8	22	64	18	-53	24	3	..
Whangarei EWS	12	24.1	13.5	18.8	..	28.3	2	7.8	22	42	17	..	10	3	174
Mokohinau AWS	60	21.6	17.9	19.8	+0.3	23.5	1	14.4	20	14	15	-68	3	3	..
Leigh 2 EWS	27	24.1	16.8	20.5	+1.4	27.3	2	12.7	17	68	14	-30	33	3	..
Whangaparaoa AWS	89	22.9	16.3	19.6	+0.6	25.1	15	14.4	17	..	..	..	..	..	..
Tiri Tiri Lighthouse	76	21.6	15.5	18.6	-0.2	23.2	15	14.0	6	70	16	-3	19	3	..
Auckland, Whenuapai A	26	23.3	13.6	18.5	+0.4	26.8	2	8.1	25	55	14	..	8	29	..
Auckland, North Shore	64	23.0	14.3	18.7	..	24.8	2	10.1	25	59	15	..	13	1	195
Auckland, Henderson N	7	24.5	13.5	19.0	+0.6	27.7	2	8.9	24	93	15	+5	20	29	..
Auckland, Motat EWS	16	23.4	14.7	19.1	..	25.2	12	10.1	24	50	14	..	13	3	204
Whitianga Aero AWS	5	22.4	13.0	17.7	+0.0	25.4	3	8.5	21	111	22	-28	19	2	..
Whitianga EWS	1	23.2	12.6	17.9	..	27.0	16	7.2	21	94	20	..	15	10	..
Thames 2	3	23.4	13.5	18.5	+0.2	25.6	30	7.2	21	50	14	-28	23	3	..
Paeroa AWS	18	23.9	12.2	18.1	+0.2	26.5	2	4.9	21	111	14	+21	31	3	..
Matamata, Hinuera EWS	85	24.2	11.0	17.6	+1.0	27.0	2	5.6	21	81	12	..	21	31	..
Tauranga CWS	3	21.9	14.2	18.1	..	24.2	3	10.6	21	58	18	..	11	3	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	200
Tauranga Aero AWS	4	22.9	14.3	18.6	+0.4	24.9	3	10.6	24	35	13	-62	7	31	..
Te Puke EWS	91	22.4	12.8	17.6	+0.5	24.9	14	9.4	19	71	12	-73	23	31	..
Whakatane Aero AWS	7	22.7	12.4	17.6	+0.3	24.6	14	7.4	19	55	13	-31	19	2	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	236
Whakatane EWS	1	23.1	12.6	17.9	..	25.1	14	7.4	19	..	..	..	..	..	..
Mamaku Radar WXT AWS	617	17.2	11.4	14.3	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	22.0	11.0	16.5	..	25.2	3	7.3	13	..	..	..	..	..	186
Rotorua EWS	288	20.9	10.9	15.9	..	23.8	24	5.6	22	101	12	..	18	31	216
Rotorua Aero AWS	283	20.7	10.8	15.8	-0.2	23.1	3	4.5	22	133	14	+34	48	31	..
Galatea AWS	174	20.8	10.4	15.6	..	24.6	3	3.5	19	..	..	..	..	..	..
Tarapounamu EWS	701	16.8	8.7	12.8	..	..	..	..	..	..	..	..	..	..	..
Taupo AWS	400	20.0	9.1	14.6	-0.4	23.4	3	1.8	14	96	10	+31	15	28	..
Motu EWS	488	19.2	9.8	14.5	+0.6	24.4	15	3.5	26	76	19	-52	27	4	..
Auckland, Mangere 2 E	16	23.3	14.7	19.0	..	26.2	2	10.1	24	48	14	..	16	31	192
Auckland Aero	7	23.6	15.2	19.4	+0.6	26.1	15	11.2	24	49	18	-26	12	31	..
Auckland Aero Backup	7	23.4	15.2	19.3	..	25.6	15	11.3	24	43	16	..	12	31	..
Ardmore Aero AWS	41	23.7	13.1	18.4	..	26.0	2	8.0	17	..	..	..	..	..	..
Pukekohe EWS	88	23.6	13.7	18.7	+1.0	26.2	15	9.0	17	89	14	+13	30	30	..
Firth Of Thames EWS	3	24.3	11.9	18.1	..	26.8	15	4.5	21	56	14	..	12	6	..
Whatawhata 2 EWS	118	23.3	11.6	17.5	+0.3	25.9	2	7.3	13	141	11	+28	30	30	..
Hamilton, Ruakura 2 E	45	23.7	12.0	17.9	+0.8	26.4	2	7.5	24	155	12	+75	34	30	178
Hamilton AWS	53	23.3	11.5	17.4	+0.5	26.5	2	6.1	24	172	12	+88	44	29	..
Lake Karapiro CWS	55	23.4	14.0	18.7	..	27.1	2	9.2	21	145	14	..	68	30	..
Port Taharoa AWS	27	21.7	15.0	18.4	+0.0	..	..	..	..	..	..	..	..	..	..
Awakino EWS	400	19.3	10.6	15.0	..	22.6	1	6.9	21	181	18	..	35	3	105
Waikeria EWS	37	23.1	10.8	17.0	..	25.8	2	5.2	24	109	11	..	21	29	193
Te Kuiti EWS	61	23.7	9.9	16.8	+0.0	26.7	3	4.9	19	113	14	+26	37	31	188
Pureora Forest CWS	549	19.1	9.0	14.1	..	21.8	14	2.1	22	142	13	..	40	11	..
Taumarunui EWS	170	23.5	9.7	16.6	..	26.8	1	3.7	21	116	13	..	35	31	..
Taumarunui AWS	195	23.5	9.0	16.3	..	26.5	2	1.6	22	133	14	..	37	31	192
Turangi 2 EWS	360	21.2	8.1	14.7	-0.3	25.1	3	0.1	13	126	15	+18	19	10	198
New Plymouth AWS	30	21.4	13.0	17.2	+0.5	24.3	1	7.9	14	185	14	+87	36	10	239
Lower Retaruke CWS	233	21.8	9.6	15.7	..	25.7	1	3.1	21	123	15	+30	31	3	..
Mt Ruapehu, Chateau E	1097	15.7	5.8	10.8	+0.1	19.4	24	-0.7	13	228	15	+54	53	29	..
Masterton Aero AWS	138	22.1	10.1	16.1

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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		
Masterton EWS	90	22.4	9.6	16.0	..	27.2	2	0.5	19	84	8	..	37	31	184
Masterton, Te Ore Ore	110	22.3	10.3	16.3	..	27.5	28	1.2	19	88	8	+29	48	31	..
Takapau Plains AWS	330	20.7	9.5	15.1	+0.0	25.9	6	3.2	24	55	13	..	16	10	..
Dannevirke EWS	207	21.3	10.5	15.9	..	26.1	30	4.0	24	57	8	..	22	10	135
Cape Turnagain AWS	292	17.3	13.1	15.2	..	..	..	..	..	..	..	..	..	..	..
Akitio EWS	245	19.5	11.8	15.7	..	25.2	28	7.1	17	78	12	..	28	30	187
Castlepoint AWS	120	19.6	13.8	16.7	-0.1	24.8	28	10.1	17	..	..	..	..	..	..
Baring Head	79	18.2	13.5	15.9	..	23.2	1	9.4	14	51	10	..	32	31	..
Te Wharau, Brackenfie	292	20.1	10.1	15.1	..	24.8	2	3.7	19	89	10	..	43	31	..
Martinborough EWS	20	22.2	10.5	16.4	+0.5	27.5	2	1.1	19	59	6	..	26	31	147
Ngawi AWS	6	21.0	14.1	17.6	+0.4	24.3	14	8.7	19	56	9	..	37	31	..
Hicks Bay AWS	46	22.0	15.6	18.8	+0.9	..	..	13.2	20	69	14	-37	25	4	..
Gisborne AWS	5	21.9	12.6	17.3	-0.2	26.9	6	7.6	27	..	..	..	..	..	..
Gisborne EWS	12	23.2	13.1	18.2	..	28.1	6	8.6	27	29	11	..	16	11	..
Tolaga Bay WXT AWS	12	20.8	13.4	17.1	..	26.6	3	8.9	24	57	17	..	17	11	..
Tutira CWS	235	19.8	11.9	15.9	..	..	..	..	..	..	..	..	..	..	..
Napier Aero AWS	3	22.3	12.8	17.6	+0.5	30.0	3	7.2	24	37	9	-13	21	11	..
Napier EWS	7	22.4	13.3	17.9	..	31.1	3	7.7	24	39	9	..	26	11	184
Maraekakaho CWS	150	22.2	9.9	16.1	..	29.4	3	5.3	24	25	6	..	10	11	..
Hastings AWS	16	22.4	11.5	17.0	..	31.5	3	6.5	24	36	13	..	17	11	..
Whakatu EWS	5	22.3	10.7	16.5	+0.3	30.4	3	5.3	24	40	9	..	25	11	..
Waipawa EWS	130	22.7	9.5	16.1	..	29.7	6	3.2	24	37	10	..	19	10	141
Wairoa, North Clyde E	15	24.1	13.4	18.8	+1.5	30.3	3	7.9	24	38	10	-76	20	11	..
Wairoa Aero AWS	13	21.9	12.2	17.1	..	28.6	3	6.9	24	61	16	..	28	11	..
Mahia Radar WXT AWS	419	17.1	13.0	15.1	..	23.0	3	10.0	19	..	..	..	..	..	..
Mahia AWS	136	20.2	14.4	17.3	+0.2	25.9	3	11.8	19	70	14	-14	50	11	..
Cape Kidnappers WXT A	118	19.6	15.5	17.6	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero	5	20.9	10.7	15.8	-0.2	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero AWS	5	20.8	11.5	16.2	+0.2	25.4	1	3.4	20	73	8	+19	23	31	231
Paraparaumu EWS	5	21.0	11.4	16.2	..	25.4	1	3.4	20	83	8	+31	28	31	224
Ohakea AWS	50	21.6	11.4	16.5	..	26.2	1	3.9	19	110	12	..	23	10	..
Palmerston North AWS	40	22.1	11.2	16.7	+0.3	27.3	1	3.1	19	116	13	+61	29	10	..
Palmerston North EWS	21	22.0	11.9	17.0	+0.4	27.4	2	5.3	20	103	10	+40	33	10	173
Levin AWS	14	21.4	10.9	16.2	+0.0	26.2	1	4.7	22	113	11	+50	41	10	..
Levin EWS	23	21.4	10.3	15.9	..	26.3	1	4.2	22	116	10	..	42	10	239
Mana Island AWS	100	18.5	13.6	16.1	..	22.5	1	10.2	14	87	12	..	43	31	..
Porirua, Elsdon Park	7	20.7	11.2	16.0	..	24.7	1	4.2	19	78	11	..	31	31	..
Wellington, Kelburn A	125	19.1	13.0	16.1	+0.3	24.4	1	7.4	19	85	10	+0	37	31	211
Wellington Aero	4	20.0	13.9	17.0	+0.4	24.6	1	7.5	19	67	12	+0	39	31	..
Wellington, Greta Poi	3	20.4	13.8	17.1	..	25.5	1	8.5	19	74	8	..	41	31	..
Wellington Aero Backu	4	20.0	13.9	17.0	..	24.5	1	7.6	19	69	12	..	41	31	..
Upper Hutt, Trentham	50	20.8	10.3	15.6	..	26.2	1	2.3	19	77	9	..	27	31	205
Stratford EWS	280	19.9	9.9	14.9	+0.2	22.5	25	5.1	23	190	12	+50	66	10	213
Hawera AWS	98	20.2	11.0	15.6	+0.1	24.6	1	3.7	19	153	12	+70	39	31	..
Ohakune EWS	607	20.6	7.4	14.0	+0.5	24.4	1	-1.0	13	83	11	+15	27	31	..
Waiouru Airstrip AWS	818	18.3	6.7	12.5	..	21.8	1	-0.9	22	72	13	..	26	31	..
Waiouru EWS	803	18.8	7.0	12.9	..	22.0	14	-0.7	22	81	16	..	29	31	..
Taihape Rec	433	22.1	7.0	14.6	+0.1	27.0	1	1.2	22	79	12	+15	17	10	..
Flat Hills WXT AWS	263	20.9	9.9	15.4	..	25.2	2	3.7	23	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	22.2	12.3	17.3	+0.3	27.9	1	6.6	13	133	11	+70	35	31	..
Wanganui AWS	8	21.6	12.3	17.0	+0.3	27.7	1	5.7	19	123	9	+74	32	29	..
Wanganui 2 AWS	18	23.4	11.6	17.5	..	31.0	1	6.0	13	..	..	..	..	..	..
Takaka EWS	20	20.9	9.9	15.4	-0.1	24.0	6	5.7	19	234	20	+93	69	28	182
Farewell Spit AWS	3	23.0	14.1	18.6	+1.8	24.9	27	10.6	7	119	13	+42	40	30	..
Westport Aero AWS	2	19.7	12.3	16.0	+0.7	21.6	31	8.6	17	214	19	+78	47	1	..
Westport EWS	6	19.8	13.3	16.6	..	21.8	31	8.7	17	203	12	..	42	1	208
Arapito EWS	3	20.4	11.6	16.0	..	23.1	27	7.1	17	218	16	..	52	28	175
Hokitika Aero	39	19.3	11.5	15.4	+0.9	22.7	31	7.9	18	309	18	+93	93	5	162
Hokitika AWS	38	19.0	11.4	15.2	+0.7	22.4	31	7.7	18	308	21	+124	90	5	196
Hokitika EWS	39	19.3	11.3	15.3	..	22.9	31	7.5	18	289	16	..	87	5	..
Reefton EWS	198	20.9	10.5	15.7	+0.8	24.2	30	4.7	17	138	16	+21	31	5	169
Greymouth Aero EWS	5	19.4	11.6	15.5	..	23.3	31	8.3	21	244	16	..	51	5	186
Pigeon Creek CWS	105	19.3	10.4	14.9	..	23.4	31	5.9	17	339	16	..	61	28	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Mt Philistine EWS	1655	9.8	4.3	7.1	..	14.6	23	-0.1	8	631	16	..	145	15	..
Mahanga EWS	1995	8.4	2.3	5.4	..	13.2	14	-3.0	5	277	18	..	47	28	..
Ivory Glacier CWS	1390	11.5	5.0	8.3	..	19.3	23	0.0	7	834	17	..	188	5	..
Okarito EWS	1	19.3	11.5	15.4	..	21.4	26	6.2	8	287	15	..	87	5	..
Franz Josef EWS	80	19.2	10.3	14.8	+1.3	23.6	31	4.4	8	366	15	..	106	5	..
Haast AWS	5	18.3	10.9	14.6	+0.8	20.5	31	6.2	8	289	15	..	60	5	..
Milford Sound AWS	3	18.5	10.0	14.3	+0.8	21.7	31	3.8	8	409	21	..	89	15	..
Milford Sound EWS	3	18.3	10.2	14.3	..	21.5	31	4.5	8	429	17	..	87	15	..
Castle Mount EWS	2000	6.8	1.4	4.1	..	12.4	21	-5.6	8	378	20	..	86	14	..
Secretary Island AWS	19	17.2	11.9	14.6	+0.7	..	..	9.0	8	..	..	..	..	..	..
Puysegur Point AWS	44	16.1	11.7	13.9	+0.8	..	..	..	..	..	..	..	..	..	..
Stephens Island AWS	180	18.4	13.4	15.9	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	22.2	11.6	16.9	+1.2	24.8	5	6.1	19	102	11	+7	31	1	..
Pelorus Sd, Crail Bay	13	20.6	15.5	18.1	+1.3	25.2	1	12.3	19	222	14	+107	55	30	..
Nelson Aero	2	20.4	11.9	16.2	+0.0	23.9	11	7.5	19	165	9	+94	53	28	177
Appleby 2 EWS	18	20.6	8.9	14.8	-1.1	23.4	16	2.7	19	79	9	..	21	1	189
Richmond EWS	1	20.6	11.2	15.9	..	23.2	11	6.3	19	128	9	..	50	1	204
Nelson AWS	4	20.3	12.4	16.4	-0.1	23.8	11	8.5	19	163	12	..	48	1	..
Blenheim Research EWS	4	21.6	10.9	16.3	+0.2	..	..	..	..	79	5	+37	34	31	209
Wairau Valley, Mill R	172	20.9	9.4	15.2	..	28.1	14	2.4	20	86	11	..	45	31	..
Blenheim Aero AWS	35	22.2	9.4	15.8	-0.1	27.0	14	2.3	19	86	8	+40	34	31	..
Brothers Island AWS	68	18.0	14.1	16.1	+0.1	22.0	1	12.0	19	87	9	..	34	31	..
Grassmere Salt Works	2	21.5	13.8	17.7	+1.0	26.0	3	6.8	19	44	4	+6	22	31	..
Cape Campbell AWS	2	17.8	13.8	15.8	+0.0	20.9	16	11.6	8	42	3	+4	22	31	..
Boyle River Lodge	600	20.1	7.0	13.6	+0.4	27.0	13	1.5	17	84	17	-62	16	15	..
Hanmer Forest EWS	363	23.7	5.7	14.7	+0.9	30.7	2	-1.3	19	43	7	-41	19	31	..
Kaikoura, Middle Cree	5	20.6	9.1	14.9	..	28.1	28	3.8	19	49	10	..	31	31	..
Kaikoura AWS	105	20.4	12.5	16.5	+1.2	27.7	28	9.1	19	26	5	-33	21	31	..
Arthurs Pass	745	16.1	7.4	11.8	+0.8	20.7	19	2.7	19	432	13	+91	93	5	..
Arthurs Pass EWS	745	16.1	6.9	11.5	+0.4	20.6	19	2.2	19	398	13	+89	84	15	..
Arthurs Pass AWS	743	15.8	7.4	11.6	..	19.8	19	2.9	19	444	19	..	95	15	..
Culverden AWS	181	21.5	9.2	15.4	..	..	..	2.3	19	3	5	..	2	31	..
Medbury CWS	232	23.0	8.7	15.9	..	30.5	14	0.7	19	16	8	..	9	10	..
Balmoral East CWS	172	21.1	8.2	14.7	..	27.8	14	0.7	19	77	16	..	11	3	..
Waipara North Branch	560	19.7	8.9	14.3	..	26.9	14	2.5	19	24	10	..	8	10	..
Waiiau School CWS	136	23.1	8.0	15.6	..	31.9	14	1.3	19	16	9	..	7	10	..
Cheviot EWS	75	23.3	9.0	16.2	..	30.1	28	1.5	19	33	5	..	10	31	200
Upper Rakaia EWS	1752	9.3	3.3	6.3	..	13.6	13	-1.5	8	166	18	..	47	5	..
Mt Potts EWS	2128	8.2	1.2	4.7	..	13.2	13	-4.1	6	101	13	..	27	5	..
Mt Cook EWS	730	18.6	7.6	13.1	+0.8	24.5	14	2.7	8	264	15	-116	76	5	165
Mueller Hut EWS	1818	9.8	3.5	6.7	..	14.5	13	-1.6	6	411	17	..	99	5	..
Mt Cook Aero AWS	659	18.8	6.8	12.8	..	..	..	..	..	..	..	..	..	..	..
Methven, Three Spring	305	20.2	9.1	14.7	..	29.4	14	4.2	19	60	11	..	17	10	..
Methven CWS	313	20.2	10.1	15.2	..	29.0	14	4.4	9	63	13	..	23	10	..
Winchmore 2 EWS	164	20.9	8.7	14.8	..	29.0	14	3.0	19	35	8	..	14	10	210
Chertsey CWS	108	21.1	11.1	16.1	..	29.0	14	5.0	19	24	6	..	9	10	..
Mayfield at Ruapuna F	325	19.8	8.9	14.4	..	26.5	14	3.2	8	87	11	..	41	10	..
Peel Forest	286	20.2	8.5	14.4	+1.0	26.7	14	3.7	8	85	15	-16	32	10	..
Lismore, Racemans Hou	168	20.6	9.4	15.0	..	27.6	2	4.1	14	48	8	..	23	10	..
Ashburton Council	101	22.6	9.2	15.9	+1.0	..	..	4.5	19	43	9	-14	29	10	..
Ashburton Aero AWS	89	21.4	9.6	15.5	..	29.1	2	4.0	19	44	7	..	21	10	202
Wakanui 2 CWS	53	21.1	9.8	15.5	..	29.0	2	3.5	19	55	7	..	20	16	..
Waipara West EWS	130	22.6	10.6	16.6	..	30.6	14	4.5	19	24	8	..	10	7	186
West Eyreton, Larunde	88	20.5	8.9	14.7	..	26.8	2	2.5	14	..	..	..	..	..	..
Ohoka CWS		20.9	9.2	15.1	..	28.3	29	2.4	5	23	9	..	15	10	..
Rangiora EWS	23	22.2	9.3	15.8	+1.2	31.1	29	2.7	19	19	7	..	13	10	182
Christchurch Aero	37	21.7	10.0	15.9	+1.0	28.3	29	2.7	19	19	11	-27	8	10	213
Christchurch Aero Bac	37	21.5	9.8	15.7	..	28.0	28	2.6	19	17	10	..	7	10	..
Christchurch Gardens	7	22.3	10.4	16.4	+0.9	29.0	29	4.7	5	10	6	-35	6	10	..
Christchurch, Kyle St	6	21.8	11.2	16.5	+1.3	30.1	28	4.9	19	8	6	..	5	10	..
Bromley EWS	3	20.9	12.2	16.6	..	29.0	29	5.2	19	5	3	..	3	10	222
Lincoln, Broadfield E	18	21.0	10.7	15.9	+1.0	28.0	28	3.9	19	7	5	-40	3	10	202
Sugar Loaf AWS	496	18.5	10.8	14.7	..	25.0	29	6.5	8	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine March 2021

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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		
Diamond Harbour EWS	122	19.8	12.1	16.0	..	27.1	29	7.3	19	11	5	..	4	10	212
Dorie CWS @ Leferinks	55	20.3	10.3	15.3	..	26.6	14	4.7	13	..	..	..	..	..	..
Akaroa EWS	45	22.1	11.9	17.0	+1.4	29.6	28	7.2	19	25	5	-43	13	7	197
Le Bons Bay AWS	236	17.7	12.0	14.9	+0.7	26.4	28	8.2	8	11	4	..	5	7	..
Lake Tekapo EWS	762	20.4	5.9	13.2	+0.6	28.1	14	0.8	18	26	7	..	23	5	234
Fairlie AWS	403	19.2	8.8	14.0	..	26.0	26	4.7	8	32	16	..	9	31	..
Pukaki Aerodrome AWS	473	21.8	5.2	13.5	..	27.8	14	0.2	17	24	8	..	16	5	..
Hakataramea Valley Cw	355	21.9	7.7	14.8	..	29.6	14	3.0	17	12	6	..	9	10	..
Orari Estate	81	21.5	8.5	15.0	+0.9	29.1	3	3.8	5	23	9	-33	11	10	..
Timaru Aero AWS	26	20.8	8.3	14.6	+0.8	28.9	3	3.5	8	14	11	-34	5	10	..
Timaru EWS	17	20.0	10.1	15.1	+0.8	28.1	3	5.2	8	20	11	-22	7	24	..
Otaio @ Springbank ro	14	19.0	9.7	14.4	..	28.0	3	4.1	8	41	9	..	18	24	..
Waimate CWS	39	20.2	10.2	15.2	..	28.3	3	5.9	19	25	7	..	10	10	..
Oamaru Airport AWS	30	18.7	9.6	14.2	+0.6	26.2	3	5.6	19	11	5	-28	7	10	..
Albert Burn	1280	12.5	4.7	8.6	..	18.2	23	-0.6	8	204	14	..	53	5	..
Mt Larkins EWS	1900	7.0	1.4	4.2	..	11.5	22	-3.6	8	..	..	..	..	..	..
Eglinton, Knobs Flat	365	17.7	7.6	12.7	..	21.5	13	0.3	8	117	15	..	34	15	..
Tara Hills AWS	488	21.0	6.8	13.9	+0.6	26.1	14	0.8	17	19	6	-24	9	5	..
Wanaka CWS	331	20.0	9.0	14.5	..	23.2	23	2.8	18	43	20	..	22	5	..
Wanaka Aero AWS	352	21.1	9.2	15.2	+1.0	..	..	..	..	..	..	..	..	..	..
Windsor EWS	81	20.7	8.1	14.4	+0.9	27.1	3	3.0	17	9	4	-39	7	10	..
Ranfurly EWS	450	20.3	6.5	13.4	+0.9	..	..	..	..	24	7	-13	14	10	..
Oamaru AWS	40	18.8	9.6	14.2	+0.3	27.2	3	4.5	17	15	9	..	7	10	..
Palmerston	21	19.7	7.8	13.8	+0.6	28.0	3	1.4	18	27	7	-24	13	10	..
Middlemarch EWS	213	21.4	6.3	13.9	+0.6	27.6	2	-1.8	18	18	5	..	9	10	173
Swampy Summit AWS	722	14.8	7.3	11.1	..	22.5	3	1.8	18	..	..	..	..	..	..
Dunedin Aero AWS	1	20.4	8.0	14.2	+1.0	28.1	3	-0.3	18	15	9	-41	6	10	..
Dunedin, Musselburgh	4	18.7	11.5	15.1	+1.4	28.7	3	5.8	18	13	10	-51	5	10	189
Oamaru EWS	20	18.5	9.5	14.0	..	26.7	3	3.9	17	8	5	..	5	10	198
Murchison Mtns EWS	1140	11.4	5.0	8.2	..	17.6	23	0.5	18	163	17	..	36	15	..
Takahe Valley CWS	895	13.8	5.2	9.5	..	19.0	28	0.1	8	121	13	..	32	15	..
Te Anau At Park HQ Cw	204	17.8	9.1	13.5	..	22.5	28	1.6	18	..	..	..	..	..	..
Manapouri, West Arm J	178	17.0	9.4	13.2	+1.0	20.8	1	5.6	7	223	17	..	49	15	..
Manapouri Aero AWS	209	18.5	7.2	12.9	+0.7	22.6	1	-1.2	18	37	12	-44	20	15	..
Birchwood WXT AWS	147	17.1	8.2	12.7	..	22.2	1	2.2	18	55	14	..	22	15	..
Queenstown	322	20.1	9.4	14.8	+0.4	24.0	13	4.2	18	43	10	-30	14	5	159
Queenstown EWS	322	20.1	9.3	14.7	..	23.9	13	4.3	18	42	9	..	14	5	..
Queenstown Aero AWS	354	19.1	7.9	13.5	+0.5	23.0	1	2.3	18	21	9	-32	8	15	210
Five Rivers CWS	260	17.7	7.1	12.4	..	23.7	14	0.0	18	37	14	..	15	10	..
Lumsden AWS	187	18.1	7.5	12.8	+0.3	23.8	14	-0.1	18	41	16	..	12	15	..
Waipounamu CWS	152	18.8	7.6	13.2	..	25.4	14	0.4	18	34	15	..	14	15	..
Cromwell EWS	213	22.2	8.5	15.4	+0.8	26.4	23	2.9	18	10	4	..	9	5	221
Lauder EWS	375	21.2	7.2	14.2	+1.0	26.4	2	0.4	8	15	4	-22	7	10	..
Ophir 2	305	21.6	5.4	13.5	..	27.1	23	-3.0	18	9	6	..	6	5	..
Alexandra	150	22.6	8.3	15.5	+0.6	..	..	..	..	..	..	..	..	..	..
Clyde 2 EWS	170	22.2	7.6	14.9	..	27.2	14	0.3	18	13	4	..	10	5	..
Alexandra AWS	230	21.5	7.7	14.6	..	26.6	14	0.3	17	10	6	..	7	5	..
Alexandra EWS	132	22.2	8.2	15.2	..	27.4	14	1.6	18	7	4	..	5	5	..
Roxburgh WXT AWS	160	20.0	9.7	14.9	..	26.7	13	2.3	18	15	11	..	4	15	..
Ettrick No.2	91	21.4	7.8	14.6	+1.1	28.0	14	-0.2	18	11	6	-33	4	29	..
Tapanui EWS	180	19.4	8.2	13.8	..	26.8	14	1.5	18	23	13	..	8	7	..
Gore AWS	123	18.3	8.7	13.5	+1.0	25.2	14	2.5	18	37	17	-44	12	7	..
Gore EWS	60	18.9	8.0	13.5	..	25.9	14	0.2	18	27	14	..	10	7	145
Invercargill Aero	1	17.6	8.7	13.2	+0.7	23.5	14	1.4	18	68	19	-29	22	15	145
Invercargill Aero AWS	1	17.6	8.3	13.0	+0.5	23.8	14	1.6	18	64	22	..	21	15	..
Invercargill Aero 2 E		17.6	7.9	12.8	..	23.5	14	1.0	18	60	19	..	20	15	134
Tiwai Point EWS	5	17.0	9.7	13.4	+0.3	23.4	14	5.2	18	37	15	-64	17	15	..
Balclutha, Finegand	6	20.0	9.2	14.6	+1.3	26.2	3	..	..	23	12	-34	6	7	..
Balclutha, Telford Ew	11	19.2	8.2	13.7	..	26.8	3	1.5	18	20	17	..	5	3	136
Nugget Point AWS	129	16.8	10.6	13.7	+1.1	25.7	3	6.9	8	35	20	-38	11	7	..
Tautuku	25	17.8	9.6	13.7	+1.2	25.0	3	5.5	11	42	10	-73	17	7	..
Kiribati, Cassidy Chri	3	30.0	24.6	27.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.5	..	..	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine March 2021

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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		
Solomon, Munda	6	..	23.8	
Solomon, Honiara	56	32.3	24.0	28.2	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.1	23.1	27.6	..	..	..	22.4	28	..	..	..	..	..
Solomon, Santa Cruz	24	30.7	24.2	27.5	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	..	23.5	..	..	..	..	21.2	22	395	23	..	74	4
Vanuatu, Bauerfield	20	30.4	21.6	26.0	..	..	..	17.0	18	..	..	..	..	..
Vanuatu,Burtonfield	70	..	21.5	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	30.3	21.9	26.1	..	32.6	26	20.3	8	29	13	..	6	4	
New Cal, Oulop	7	30.1	24.0	27.1	..	30.8	3	20.0	17	..	..	..	..	..
New Cal, Ouanaham	29	29.4	22.9	26.2	..	31.2	5	17.8	17	..	..	..	..	..
New Cal, La Roche	42	29.7	20.5	25.1	..	..	..	16.3	11	..	..	..	..	..
New Cal, La Tontouta	14	30.8	20.7	25.8	..	33.2	27	18.1	16	..	..	..	..	..
New Cal, Nouma	72	30.5	22.7	26.6	..	33.9	6	21.5	7	16	11	..	4	1	
New Cal, Moue	97	28.5	21.9	25.2	..	29.7	27	20.0	10	..	..	..	..	..
Kiribati,Butaritari	2	31.1	24.9	28.0	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	25.7	..	..	..	..	..	..	50	11	..	25	22
Kiribati, Bonriki Int	4	30.5	25.7	28.1	..	..	..	23.5	23	..	..	..	..	..
Kiribati,Beru	2	..	25.9	..	..	..	..	22.8	13	..	..	..	..	..
Kiribati,Arorae	7	32.0	26.4	29.2	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	..	26.2	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.6	27.0	29.3	..	33.3	20	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.5	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.4	22.9	26.7	..	..	..	..	..	..	..	..	..	..
Fiji,Nausori Aero	6	30.4	22.5	26.5	..	..	..	20.1	20	..	..	..	..	..
Wallis Island, Hihifo	27	31.2	25.1	28.2	..	32.0	28	23.3	18	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.2	24.4	27.8	..	33.1	7	23.0	10	..	..	..	..	..
Samoa,Faleolo	4	31.8	23.5	27.7	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.2	24.3	27.3	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.6	25.6	28.1	..	32.2	1	23.9	19	247	21	..	53	7	
Tonga, Queen Lavinia	60	29.9	24.1	27.0	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	30.3	24.2	27.3	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.8	22.8	26.3	..	30.8	16	18.0	10	..	..	..	..	..
Salote Pilelevu Airpo	2	29.5	24.1	26.8	..	30.8	8	22.3	15	..	..	..	..	..
Tonga,Fuaamotu Aero	38	29.2	22.6	25.9	..	31.6	8	18.2	17	..	..	..	..	..
CI Rarotonga Aero	7	29.7	24.5	27.1	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	24.4	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.9	24.3	28.1	..	34.7	31	22.2	12	16	12	..	4	31	
Society Is, Mopelia		30.8	25.1	28.0	..	31.8	22	20.8	5	..	..	..	..	..
Tahiti - Faaa	1	31.8	25.1	28.5	..	32.8	23	23.2	10	44	9	..	15	4	
Tuamotu, Takaroa	2	31.4	25.8	28.6	..	32.1	9	24.0	28	49	13	..	18	18	
Tuamotu, Hao	3	30.1	26.0	28.1	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	28.8	23.7	26.3	..	30.1	4	21.5	17	230	19	..	58	13	
Tubuai	2	28.9	23.8	26.4	..	30.6	26	21.4	12	..	..	..	..	..
Rapa	1	26.7	22.7	24.7	..	29.4	4	19.9	30	104	22	..	26	7	
Raoul Island AWS	49	24.9	19.4	22.2	..	..	..	..	..	..	..	..	..	..
Enderby Is AWS	40	12.5	8.6	10.6	..	..	..	..	..	100	28	..	17	27
Campbell Island AWS	19	11.8	7.6	9.7	+1.1	18.8	1	2.5	29	126	30	+2	30	5	
Chatham Island Aero A	12	18.9	13.1	16.0	..	..	..	..	..	..	..	..	..	..
Georg Von Neumayer	40	-5.6	-11.9	-8.8	..	-0.8	2	-23.5	29	..	..	..	..	..
Ant South Pole	2827	-47.8	-54.2	-51.0	..	-38.7	7	-60.2	29	..	..	..	..	..
Halley Bay	30	-8.9	-14.6	-11.8	..	-2.0	10	-29.3	26	..	..	..	..	..
Gen Belgrano 2	256	-7.1	-12.9	-10.0	..	-1.0	10	-22.4	26	..	..	..	..	..
Bellingshausen	16	2.7	0.1	1.4	..	6.9	10	-3.6	23	..	..	..	..	..
Base Jubany	4	3.4	-0.2	1.6	..	7.5	10	-2.8	23	..	..	..	..	..
V C Marambio	198	-1.6	-6.2	-3.9	..	9.3	4	-11.8	31	..	..	..	..	..
Eduardo Frei	10	2.3	0.0	1.2	..	6.5	10	-2.9	23	..	..	..	..	..
Arturo Prat		2.6	0.3	1.5	..	..	..	-2.3	23	..	..	..	..	..
Great Wall	10	3.0	0.0	1.5	..	6.2	11	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.8	-1.8	-0.5	..	4.9	10	..	..	..	..	..	..	..
Palmer Station	8	2.3	-0.8	0.8	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	0.2	-2.6	-1.2	..	3.0	2	-5.1	23	..	..	..	..	..
Argentine Is, Faraday	11	1.5	-1.9	-0.2	..	6.5	10	-5.7	21	
Gen San Martin	4	2.3	-5.7	-1.7	..	7.6	31	-10.5	22	

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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		
Novolax Arevskaja	99	-3.8	-7.2	-5.5	..	2.9	8	-14.1	30	..	..	..	..	..
Maitri		-2.8	-7.2	-5.0	..	..	..	..	..	..	..	..	..	..
Syowa	21	-3.6	-10.5	-7.1	..	1.1	7	-18.1	31	..	..	..	..	..
Mawson	16	-5.9	-12.1	-9.0	..	0.5	7	-19.6	20	..	..	..	..	..
Davis	13	-4.5	-10.0	-7.3	..	..	..	..	..	..	..	..	..	..
Progress	64	-5.7	-9.1	-7.4	..	0.5	5	-20.1	23	..	..	..	..	..
Mirnyj	30	-7.2	-10.8	-9.0	..	-1.9	26	-18.2	17	..	..	..	..	..
Vostok	3420	-52.7	-61.2	-57.0	..	-44.2	27	-70.0	19	..	..	..	..	..
Casey	41	-3.7	-10.3	-7.0	..	..	..	..	..	..	..	..	..	..
Durmont Durville	43	-6.8	-12.9	-9.9	..	-1.1	11	-19.5	26	..	..	..	..	..
Mcmurdo	24	-14.0	-21.4	-17.7	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-15.4	-23.5	-19.5	..	-7.2	26	-32.2	22	..	..	..	..	..
Ant Scott Base EWS	20	-15.0	-23.6	-19.3	..	-6.3	28	-33.1	22	..	..	..	..	..
Scott Base 2 EWS	43	-14.9	-23.5	-19.2	..	-6.1	26	-33.0	22	..	..	..	..	..
Darwin Airport	31	32.1	19.5	25.8	..	33.7	10	11.2	8	..	..	..	..	..
Hobart Airport	4	32.1	11.5	21.8	..	33.7	10	6.4	3	52	8	..	34	24	
Late returns and corrections for February 2021															
Tiri Tiri Lighthouse	76	23.0	16.1	19.6	-0.2	24.8	21	14.2	18	57	8	-3	27	15	
Tarapounamu EWS	701	20.4	9.9	15.2	..	27.5	20	6.1	5	59	8	..	33	15	
Wellington Aero	4	21.3	14.3	17.8	-0.2	25.3	28	7.9	18	63	9	+2	27	25	
Flat Hills WXT AWS	263	23.3	10.6	17.0	..	27.6	23	4.3	18	..	..	..	..	..
Blenheim Research EWS	4	23.3	11.6	17.5	-0.3	29.9	22	6.4	18	23	3	-23	10	9	
Mt Somers, Somer Down	372	21.3	9.7	15.5	..	27.0	19	2.5	17	66	10	..	24	9	
Christchurch Gardens	7	23.6	12.2	17.9	+0.8	34.0	24	4.5	17	15	3	-27	15	9	
Christchurch, Kyle St	6	23.0	12.7	17.9	+1.0	33.8	24	4.7	17	13	2	..	13	9	
Windsor EWS	81	20.5	9.3	14.9	+0.0	26.9	23	2.8	17	18	4	-32	10	10	
Dunedin, Musselburgh	4	19.4	11.9	15.7	+0.7	25.0	23	5.9	17	17	4	-51	8	10	
Thornbury	20	21.5	9.1	15.3	..	..	..	..	..	44	11	..	14	24
Balclutha, Telford Ew	11	20.1	8.3	14.2	..	25.5	21	1.3	17	13	5	..	10	9	
Samoa, Pago Pago Aero	3	30.4	25.1	27.8	..	31.8	28	23.9	6	416	22	..	78	21	
Late returns and corrections for January 2021															
Tarapounamu EWS	701	21.1	10.1	15.6	..	30.6	26	4.7	21	66	14	..	25	9	
Flat Hills WXT AWS	263	21.9	12.4	17.2	..	26.9	26	4.6	31	..	..	..	..	..
Late returns and corrections for July 2020															
Cape Turnagain AWS	292	10.2	6.9	8.6	..	..	..	..	..	..	..	..	..	..

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.