

MARCH 2012

Summary of the records of Temperature, Rainfall and Sunshine March 2012

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		
Cape Reinga AWS	214	20.8	15.3	18.1	..	23.5	6	13.1	27	218	15	+153	120	18	..
Kaitaia Aero EWS	80	22.0	14.8	18.4	..	24.6	11	8.5	27	213	11	..	71	19	..
Kaitaia Observatory	85	22.0	13.9	18.0	..	24.3	11	8.5	27	222	13	+146	82	19	165
Kaitaia EWS	85	21.8	14.5	18.2	-0.7	23.9	11	8.4	27	225	13	..	91	19	177
Kerikeri Aerodrome Aw	150	20.7	13.4	17.1	..	23.6	22	9.5	5	330	17	..	164	18	..
Kaikohe AWS	204	21.0	14.7	17.9	+0.0	23.9	23	10.7	27	299	21	+192	136	18	..
Trounson Cws	220	19.5	11.7	15.6	..	24.5	11	-0.2	7	284	12	..	130	19	..
Dargaville 2 EWS	66	20.9	13.9	17.4	..	24.2	22	8.8	5	184	12	..	65	19	148
Purerua AWS	82	20.9	14.8	17.9	..	23.3	24	10.1	27	288	18	..	116	18	..
Whangarei Aero AWS	37	21.2	14.9	18.1	-0.8	25.0	24	9.3	27	332	18	+205	133	18	..
Leigh 2	27	22.2	15.1	18.7	-0.4	25.0	13	10.7	4	246	15	+141	69	19	..
Warkworth EWS	72	20.5	13.1	16.8	..	24.3	23	6.6	4	252	15	+142	68	19	..
Whangaparaoa AWS	89	20.5	15.1	17.8	..	25.2	23	12.6	4	198	13	..	44	19	..
Tiri Tiri Lighthouse	76	20.4	15.4	17.9	-0.9	30.0	30	13.2	4	179	..	+102	41	20	..
Whenuapai AWS	26	21.0	13.3	17.2	..	23.7	22	7.1	27	..	..	..	..	..	..
North Shore, Auckland	20	21.1	15.0	18.1	..	23.4	23	10.2	4	..	..	..	..	..	..
Auckland, North Shore	64	20.5	12.4	16.5	..	22.8	23	7.4	4	184	15	..	44	19	196
Auckland, Henderson,	7	22.4	13.1	17.8	-0.6	25.8	22	8.1	27	179	13	+80	46	19	..
Lincoln Rd, Auckland	25	22.6	11.5	17.1	..	26.3	22	6.9	4	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	21.5	13.6	17.6	..	26.1	23	9.9	4	..	..	..	..	..	..
Waiheke Island, Awaro	34	22.2	12.0	17.1	..	25.0	13	..	..	186	12	+90	71	21	..
Whitianga Aero AWS	5	20.7	13.0	16.9	-0.7	23.9	23	6.5	4	241	22	+78	67	21	..
Thames 2	3	21.5	13.0	17.3	-1.2	..	..	..	..	..	..	..	..	..	..
Paeroa AWS	18	21.6	11.9	16.8	-1.2	25.0	24	5.6	30	149	14	+42	39	21	..
Toenepi EWS	48	21.8	11.8	16.8	..	26.2	7	5.0	27	52	10	..	20	11	..
Matamata, Hinuera EWS	106	21.2	10.3	15.8	..	25.4	7	4.3	27	22	7	..	10	19	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	216
Tauranga Aero AWS	4	22.8	13.4	18.1	+0.2	28.1	7	8.3	5	158	15	+32	40	21	..
Te Puke EWS	91	21.4	11.5	16.5	..	24.4	7	4.6	24	182	12	+26	47	21	..
Whakatane Aero AWS	7	21.7	11.9	16.8	-0.8	26.1	20	6.2	5	139	10	+33	43	19	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	234
White Island AWS	310	19.1	13.9	16.5	..	22.3	10	11.0	4	165	16	..	68	19	..
Mamaku Radar Wxt AWS	617	16.2	10.5	13.4	..	20.3	7	6.3	4	..	..	..	..	..	..
Kawerau AWS	42	22.6	11.7	17.2	..	26.6	10	6.9	4	..	..	..	..	..	185
Rotorua Aero AWS	283	19.5	10.6	15.1	-1.0	23.7	7	4.9	27	112	12	+1	27	21	..
Galatea AWS	174	20.3	9.7	15.0	..	24.9	7	3.3	30	..	..	..	..	..	..
Taupo Wxt AWS	385	19.1	10.8	15.0	..	22.4	7	4.5	5	..	..	..	..	..	..
Tarapounamu EWS	701	15.5	8.2	11.9	..	20.7	10	2.7	5	109	18	..	25	19	..
Taupo AWS	400	18.8	9.2	14.0	-1.3	22.1	7	1.6	5	75	11	..	24	19	..
Opotiki	5	22.1	12.0	17.1	-0.5	26.1	20	6.5	5	152	12	+16	32	19	..
Motu EWS	488	17.3	8.3	12.8	..	20.5	24	1.7	26	156	18	..	52	19	..
Otamatuna, Te Mapou H	624	17.0	8.9	13.0	..	28.0	28	3.5	5	114	13	..	29	21	..
Auckland, Mangere EWS	5	21.3	13.7	17.5	..	23.7	7	9.2	5	102	8	..	36	19	172
Pakuranga, Auckland R	15	22.8	13.1	18.0	..	..	..	8.1	4	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.5	12.4	17.0	..	24.1	7	8.9	4	..	..	..	..	..	..
Auckland Aero	33	21.4	14.1	17.8	-0.9	24.3	22	10.1	5	145	12	+63	44	21	..
Auckland, Ardmore	23	22.7	10.2	16.5	-1.3	25.4	29	..	..	131	11	+40	43	21	..
Pukekohe EWS	88	21.2	12.6	16.9	-0.9	24.8	20	8.4	4	108	12	..	38	21	..
Firth Of Thames EWS	1	23.3	11.1	17.2	..	25.7	24	4.3	27	116	12	..	30	19	..
Whatawhata 2 EWS	118	21.2	11.4	16.3	..	25.2	7	5.8	5	..	..	..	..	..	..
Hamilton, Ruakura 2 E	45	20.3	9.9	15.1	..	23.5	7	2.8	16	108	9	..	32	19	184
Hamilton AWS	53	21.6	10.5	16.1	-0.8	24.5	7	4.4	27	90	11	-1	29	19	..
Lake Karapiro Cws	55	21.0	12.4	16.7	..	25.1	7	7.6	4	78	11	..	34	19	..
Port Taharoa AWS	27	22.1	13.7	17.9	-0.6	27.3	20	8.6	4	115	11	..	42	21	..
Waikeria 2	46	21.9	10.7	16.3	-0.6	24.7	28	4.6	16	75	7	-10	25	19	..
Te Kuiti EWS	62	21.6	10.0	15.8	..	25.9	7	3.9	5	110	11	..	31	21	191
Pureora Forest Cws	549	17.7	8.4	13.1	..	23.7	7	-0.2	7	114	8	..	50	21	..
Taumarunui	171	21.0	9.5	15.3	-1.1	24.4	21	3.6	5	107	17	+12	34	11	..
Taumarunui AWS	195	21.4	8.7	15.1	..	25.2	7	1.5	5	83	15	..	25	11	191
Turangi 2 EWS	350	20.1	8.2	14.2	..	25.1	7	0.4	5	106	9	..	31	2	193
New Plymouth AWS	30	20.0	11.6	15.8	-0.9	23.9	7	6.6	4	133	11	+24	45	21	236
Lower Retaruke Cws	233	21.1	9.5	15.3	..	25.9	21	2.2	5	104	10	..	27	21	..
Mt Ruapehu, Chateau E	1097	14.1	5.3	9.7	-1.1	20.2	7	-0.5	28	219	12	+29	41	3	..

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		A Max	B Min			°C	°C	°C	Date				Min	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Pahiatua EWS	110	19.1	9.4	14.3	..	24.2	11	1.1	14
Masterton Aero AWS	138	19.4	9.3	14.4	..	25.7	23	1.5	14	142	13	..	60	2	..
Kopua	311	18.5	9.4	14.0	-1.1	25.5	22	2.6	14	157	14	+64	44	19	..
Takapau Plains AWS	330	17.8	8.9	13.4	..	24.4	22	2.8	14	139	20	..	36	19	..
Dannevirke	207	18.9	10.0	14.5	-1.1	25.0	22	2.5	14	108	12	+19	36	19	157
Dannevirke EWS	207	17.8	9.3	13.6	..	23.1	22	2.0	14	108	13	..	36	19	160
Waione EWS	48	20.9	10.8	15.9	..	27.5	22	1.3	14	150	14	..	57	20	..
Cape Turnagain AWS	292	15.6	11.8	13.7	..	20.9	22	8.2	4	..	..	..	..	..	..
Akitio EWS	245	17.3	10.8	14.1	..	23.3	24	5.1	14	157	17	..	33	20	166
Castlepoint Station	9	19.1	12.8	16.0	..	25.0	22	6.6	14	124	11	+38	43	3	..
Castlepoint AWS	120	17.8	12.6	15.2	-1.9	..	..	..	..	141	14	..	44	3	..
Baring Head	79	16.6	11.7	14.2	..	20.6	11	6.3	14	51	8	..	16	2	..
Te Wharau, Brackenfe	292	18.1	9.0	13.6	..	24.0	23	1.7	14	393	14	..	121	2	..
Martinborough EWS	20	19.6	9.4	14.5	..	23.6	10	1.0	14	85	10	..	41	2	165
Ngawi AWS	6	18.9	12.4	15.7	..	24.2	11	7.7	14	166	9	..	75	20	..
Hicks Bay AWS	46	20.0	14.4	17.2	-0.9	22.6	25	8.5	4	169	14	..	93	19	..
Gisborne AWS	5	20.7	12.2	16.5	-0.9	27.2	24	7.3	2	252	21	+150	153	19	162
Tolaga Bay Wxt AWS	12	19.7	13.1	16.4	..	26.1	24	6.9	15	..	..	..	..	..	..
Napier Aero AWS	3	20.6	11.7	16.2	-0.9	28.5	23	5.5	14	145	14	+60	58	19	..
Napier Nelson Pk	2	21.2	11.7	16.5	-1.2	29.4	23	6.0	14	156	14	+71	72	19	161
Hastings AWS	16	20.8	11.5	16.2	..	28.9	23	4.8	14	126	16	..	48	19	..
Whakatu EWS	5	20.0	10.6	15.3	..	27.2	23	3.8	14	110	13	..	46	19	..
Waipawa EWS	130	19.5	9.5	14.5	..	25.6	24	2.1	14	109	15	..	36	19	..
Wairoa, North Clyde E	15	20.7	11.4	16.1	-1.3	28.3	24	6.9	27	194	16	+58	82	19	..
Mahia Radar Wxt AWS	419	16.2	11.9	14.1	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	19.0	13.3	16.2	-1.0	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers Wxt A	118	18.0	13.9	16.0	..	24.4	23	10.1	4	..	..	..	..	..	..
Paraparaumu Aero	5	19.1	10.4	14.8	-1.2	24.3	21	2.9	30	88	10	+13	33	2	187
Paraparaumu Aero AWS	5	18.9	10.5	14.7	-1.4	24.4	21	3.2	30	87	11	..	30	2	210
Ohakea AWS	50	20.0	11.1	15.6	..	25.6	11	5.4	5	..	..	..	..	..	..
Palmerston North AWS	39	20.7	10.9	15.8	-0.5	26.2	11	2.9	5	50	11	-17	19	2	..
Palmerston North EWS	21	19.8	11.0	15.4	..	25.7	11	3.1	5	49	14	..	21	2	159
Levin AWS	14	20.0	10.6	15.3	-1.0	24.7	21	3.5	14	75	11	..	24	2	..
Mana Island	2	18.0	12.2	15.1	-1.6	21.0	11	7.4	14	96	14	..	41	2	..
Mana Island AWS	100	16.2	11.7	14.0	..	20.0	11	7.5	14	114	13	..	54	2	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	157
Wellington, Kelburn A	125	17.4	11.2	14.3	..	22.4	7	..	..	155	14	..	57	2	..
Wellington Aero	4	18.1	12.1	15.1	-1.5	22.5	11	7.1	30	111	13	+36	46	2	..
Wallaceville EWS	56	18.5	8.8	13.7	..	22.9	10	1.8	14	152	10	+59	55	2	151
Stratford EWS	300	18.4	9.7	14.1	..	22.3	9	5.0	5	218	10	..	50	21	186
Hawera AWS	98	18.5	10.7	14.6	..	22.8	17	..	..	91	9	..	27	21	..
Ohakune EWS	607	18.3	8.4	13.4	..	23.2	21	2.0	30	78	12	..	24	3	180
Waiouru Treatment Pla	806	16.6	6.5	11.6	-0.8	20.2	22	0.0	5	73	11	+1	30	3	..
Taihape Rec	433	19.5	7.5	13.5	-1.2	24.5	21	0.0	5	68	12	-5	24	3	..
Flat Hills Wxt AWS	263	18.8	9.9	14.4	..	22.9	11	3.8	5	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	19.2	10.6	14.9	-2.2	23.6	21	5.3	5	36	8	-33	11	11	..
Wanganui AWS	8	20.1	12.2	16.2	-0.6	25.2	21	..	..	36	11	..	8	11	..
Wanganui 2 AWS	18	21.1	11.7	16.4	..	26.5	21	5.3	30	..	..	..	..	..	..
Takaka, Kotinga 2	25	20.6	9.9	15.3	-0.1	24.5	21	4.5	26	157	11	+9	49	24	..
Takaka EWS	20	20.8	10.2	15.5	..	24.9	21	4.9	26	151	11	..	48	24	197
Farewell Spit AWS	3	19.5	13.0	16.3	-0.4	21.6	21	9.9	3	133	8	..	74	2	..
Westport Aero AWS	2	19.6	11.3	15.5	+0.0	27.3	21	6.6	26	93	16	-74	19	24	..
Arapito	18	20.2	10.1	15.2	-0.5	27.0	21	6.0	4	125	10	-48	37	22	183
Arapito EWS	18	19.6	9.3	14.5	..	26.5	21	5.2	4	114	12	..	34	22	..
Murchison EWS	185	21.7	7.5	14.6	..	28.5	21	1.3	20	53	12	-37	19	2	..
Lake Rotoiti EWS	634	18.1	6.8	12.5	..	22.2	23	1.2	27	69	13	..	17	2	..
Hokitika Aero	39	18.5	10.1	14.3	-0.4	25.0	21	5.2	20	134	20	-83	33	24	177
Hokitika AWS	38	18.7	10.0	14.4	-0.3	25.3	21	5.1	20	125	16	..	31	24	..
Reefton EWS	198	23.5	11.1	17.3	+2.4	31.6	21	5.3	9	93	11	-30	25	22	177
Greymouth Aero	4	19.3	11.2	15.3	+0.2	26.6	21	6.5	26	100	14	-86	16	24	180
Greymouth Aero EWS	5	18.4	10.9	14.7	..	26.3	21	6.1	26	104	16	..	22	24	210
Pigeon Creek Cws	105	18.6	9.5	14.1	..	28.3	21	4.8	27	189	19	..	56	24	..
Mt Philistine EWS	1655	6.7	1.1	3.9	..	15.5	9	-4.3	26	263	20	..	88	24	..

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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		
Ivory Glacier Cws	1390	9.4	4.4	6.9	..	17.5	21	-1.7	26	442	19	..	215	24	..
Okarito	2	17.9	9.4	13.7	..	23.0	21	3.9	26	150	15	-100	48	24	..
Franz Josef	155	19.0	9.0	14.0	-0.1	23.8	21	4.0	26	282	..	-229	95	24	..
Franz Josef EWS	80	18.0	8.4	13.2	..	25.5	21	2.7	26	211	17	..	70	24	171
Haast AWS	5	18.0	9.3	13.7	-0.4	22.3	4	4.8	26	209	17	..	46	24	..
Milford Sound	3	18.0	8.2	13.1	-0.4	22.6	4	4.6	26	605	13	-38	106	14	..
Milford Sound AWS	3	18.4	8.0	13.2	..	23.7	4	4.1	26	595	16	..	100	14	..
Castle Mount EWS	2000	7.5	0.2	3.9	..	17.0	21	-6.2	26	1023	20	..	188	14	..
Secretary Island AWS	19	16.6	10.3	13.5	..	22.1	7	6.9	13	174	14	..	32	14	..
Puysegur Point AWS	44	15.2	9.7	12.5	-0.6	20.5	8	..	..	221	16	+29	66	14	..
Motueka, Riwaka EWS	8	21.8	8.6	15.2	-0.5	25.4	21	2.8	9	82	6	-22	40	2	..
Pelorus Sd, Crail Bay	13	18.9	11.6	15.3	-1.4	22.1	17	7.0	4	201	12	+68	66	2	..
Nelson Aero	2	20.1	11.0	15.6	-0.4	24.0	21	6.0	9	47	7	-30	19	21	212
Appleby 2 EWS	18	20.6	8.9	14.8	..	25.6	21	2.2	9	43	6	..	17	21	211
Nelson AWS	4	20.5	11.1	15.8	-0.6	24.8	21	5.7	9	48	7	..	18	21	..
Blenheim Research EWS	4	20.3	9.6	15.0	-1.2	26.9	23	4.3	2	59	5	+9	28	2	192
Wairau Valley, Mill R	172	19.9	8.7	14.3	..	..	..	..	..	67	9	..	39	21	..
Blenheim Aero AWS	35	20.3	8.7	14.5	-1.4	26.9	23	2.6	2	51	6	-5	26	21	..
Brothers Island AWS	68	16.7	13.0	14.9	..	22.9	7	10.7	21	81	10	..	34	2	..
Awatere Valley, Dashw	83	18.6	9.0	13.8	..	25.1	15	2.7	29	69	5	..	32	21	..
Grassmere Salt Works	2	19.2	12.4	15.8	-0.7	26.6	15	7.3	2	93	5	+37	42	2	..
Cape Campbell AWS	2	17.0	12.3	14.7	..	21.7	15	9.8	3	90	7	..	40	2	..
Boyle River Lodge	600	18.0	5.9	12.0	..	24.0	10	0.0	9	87	..	..	34	2	..
Hanmer Forest EWS	363	18.5	4.1	11.3	-2.6	26.6	11	-2.6	9	120	12	+23	37	2	..
Kaikoura AWS	105	17.2	10.5	13.9	-1.3	25.4	24	7.4	3	91	14	+2	35	2	..
Arthurs Pass	738	14.8	5.5	10.2	-0.8	22.0	9	0.2	9	156	15	-184	63	24	..
Arthurs Pass EWS	738	14.7	5.3	10.0	..	21.7	9	-0.1	9	149	14	..	59	24	..
Culverden AWS	181	18.4	7.3	12.9	..	25.1	22	1.6	9	..	..	..	..	..	..
Cheviot EWS	75	19.5	6.7	13.1	..	27.9	24	-0.2	9	62	14	..	18	2	188
Upper Rakaia EWS	1752	8.3	1.1	4.7	..	16.2	21	-3.2	26	101	23	..	34	24	..
Mt Potts EWS	2128	7.7	0.0	3.9	..	15.5	5	-5.7	26	60	17	..	17	24	..
Mt Cook EWS	765	18.0	4.3	11.2	-1.3	23.5	10	-0.6	26	199	17	-216	88	24	145
Craigieburn Forest	914	16.9	3.4	10.2	-1.7	22.6	23	-2.1	26	91	15	-1	23	2	..
Snowdon EWS	560	17.2	6.4	11.8	..	21.6	22	-0.3	21	94	15	..	33	2	..
Methven, Three Spring	305	17.4	6.8	12.1	..	25.4	24	1.5	21	72	12	..	25	2	..
Winchmore EWS	160	19.1	6.5	12.8	-1.5	26.2	18	0.3	9	64	16	-3	25	2	..
Peel Forest	286	18.0	5.8	11.9	-1.5	26.0	24	0.0	26	94	14	-12	19	18	..
Ashburton Council	101	19.6	7.7	13.7	-1.3	26.9	17	2.8	26	63	16	-1	18	2	..
Ashburton Aero AWS	89	18.6	7.1	12.9	..	25.8	17	1.1	29	61	18	..	23	2	204
Wakanui Cws	53	19.0	7.6	13.3	..	26.2	17	0.0	7	..	..	..	..	..	..
Waipara West EWS	130	19.8	8.6	14.2	..	26.5	24	3.1	9	50	13	..	24	2	..
West Eyreton, Larunde	88	18.0	7.1	12.6	..	26.6	24	0.7	9	..	..	..	..	..	..
Rangiora EWS	23	19.4	8.1	13.8	-0.9	27.4	6	1.1	9	29	9	..	11	21	203
Darfield 2 EWS	212	18.5	7.8	13.2	..	25.7	18	1.1	2	58	14	..	18	2	..
Christchurch Aero	37	19.0	8.0	13.5	-1.6	28.1	24	2.5	9	39	12	-17	13	21	189
Christchurch Gardens	7	19.4	9.0	14.2	-1.3	27.5	24	3.7	2	40	8	-14	15	21	..
Christchurch, Kyle St	6	18.9	9.1	14.0	..	27.5	24	3.2	2	39	9	..	15	21	..
Christchurch, New Bri	12	16.8	11.4	14.1	..	24.8	6	7.4	2	..	..	..	..	..	..
Lincoln, Broadfield E	18	18.5	8.3	13.4	-1.6	27.0	24	2.6	26	37	10	..	11	21	..
Sugar Loaf AWS	618	15.4	7.7	11.6	..	22.8	18	4.9	26	..	..	..	..	..	..
Lyttelton Harbour	5	17.7	11.6	14.7	..	25.2	18	8.2	26	37	8	..	21	21	..
Leeston, Harts Creek	12	18.8	8.0	13.4	..	27.0	24	2.4	21	39	11	..	14	2	..
Leeston EWS	15	20.1	8.3	14.2	..	28.2	24	1.6	9	39	16	..	14	2	..
Dorie Cws @ Leferinks	55	19.3	8.4	13.9	..	26.6	24	3.1	21	31	11	..	8	2	..
Akaroa EWS	45	19.5	9.8	14.7	..	27.0	18	6.2	9	52	12	..	12	18	190
Le Bons Bay AWS	236	16.2	9.7	13.0	-1.3	23.0	18	6.5	26	38	11	..	12	18	..
Lake Tekapo, Air Safa	762	17.6	4.2	10.9	-1.8	23.0	22	-0.1	26	42	8	-10	14	18	..
Lake Tekapo EWS	762	18.1	4.9	11.5	..	23.4	17	-0.7	26	40	7	..	14	18	237
Fairlie AWS	403	17.1	6.5	11.8	..	25.2	24	1.2	26	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	19.8	3.9	11.9	..	25.8	6	-2.6	26	53	12	..	21	18	..
Orari Estate	81	18.8	6.8	12.8	-1.2	27.4	24	0.9	21	55	14	-13	13	18	..
Orari Estate Cws	81	17.9	6.9	12.4	..	27.1	24	1.3	21	56	19	..	13	18	..
Timaru Aero AWS	26	18.6	6.2	12.4	-1.4	29.2	24	-0.3	21	32	11	-26	12	2	..

Summary of the records of Temperature, Rainfall and Sunshine March 2012

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			°C	°C	°C	Date				Min	Date		mm	Date
	Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs		
Timaru EWS	17	17.6	7.5	12.6	..	28.9	24	3.2	9	34	11	..	11	2	..
Oamaru Airport AWS	30	17.0	6.9	12.0	..	23.9	6	2.1	26	40	13	..	9	2	..
Albert Burn	1280	12.3	2.6	7.5	..	21.2	21	-3.1	26	246	19	..	45	24	..
Eglinton, Knobs Flat	365	16.5	5.1	10.8	..	25.4	21	0.1	13	217	14	..	54	24	..
Tara Hills AWS	488	19.4	4.6	12.0	-1.4	24.4	6	-1.3	26	36	11	-12	13	18	..
Wanaka Aero AWS	352	19.0	7.2	13.1	..	23.3	6	2.2	26	54	11	..	18	11	..
Naseby Forest 2	607	17.1	3.8	10.5	-1.4	23.5	24	-0.2	26	79	11	+24	23	11	..
Windsor EWS	81	18.1	6.3	12.2	..	26.0	6	1.0	26	45	10	..	11	2	..
Ranfurly EWS	450	19.1	3.2	11.2	..	25.0	21	-1.5	29	46	12	..	15	11	..
Oamaru AWS	40	17.4	7.1	12.3	..	24.9	24	2.1	26	66	15	..	17	25	..
Rock And Pillar AWS	270	18.1	4.3	11.2	..	24.8	23	0.0	8	..	..	..	..	..	..
Palmerston	21	17.8	5.8	11.8	-1.3	27.5	6	0.5	8	58	14	-3	19	25	190
Middlemarch EWS	213	19.1	4.0	11.6	..	25.8	24	-1.2	29	40	10	..	18	11	172
Swampy Summit AWS	722	13.1	4.3	8.7	..	21.3	17	-0.2	8	..	..	..	..	..	..
Dunedin Aero AWS	1	18.7	5.0	11.9	-1.2	26.1	17	-1.2	8	74	16	+15	18	11	..
Dunedin, Musselburgh	4	16.5	8.4	12.5	-1.3	22.4	6	3.5	8	65	14	-5	17	11	198
Takahe Valley Cws	895	12.4	3.0	7.7	..	21.3	21	-1.5	13	165	17	..	52	24	..
Manapouri, West Arm J	178	15.6	6.5	11.1	..	20.9	17	2.1	29	261	16	..	58	24	..
Manapouri Aero AWS	209	17.7	5.1	11.4	..	23.7	21	-1.8	8	85	14	..	26	24	..
Birchwood Wxt AWS	147	16.3	6.1	11.2	..	..	..	..	..	..	..	..	..	..	..
Queenstown	329	19.3	7.2	13.3	-1.1	25.1	9	2.5	26	74	12	-6	23	11	172
Queenstown Aero AWS	354	17.9	5.6	11.8	-1.2	22.6	9	1.1	26	67	11	+1	26	11	..
Lumsden AWS	187	16.8	5.1	11.0	-1.6	25.0	21	-0.6	8	97	18	..	23	14	..
Riversdale Aquifer @	125	17.0	5.1	11.1	..	23.4	24	0.1	8	55	14	..	24	14	..
Cromwell EWS	213	19.3	5.8	12.6	..	23.5	9	1.1	20	52	10	..	29	11	226
Lauder EWS	375	18.7	5.0	11.9	..	24.0	23	0.4	29	61	10	..	22	11	..
Ophir 2	305	19.3	3.1	11.2	..	..	..	-1.7	29	54	9	..	21	11	..
Alexandra	150	20.4	6.1	13.3	..	26.7	17	1.2	29	45	8	..	31	11	185
Clyde EWS	171	19.7	5.4	12.6	-1.6	24.8	21	0.7	20	47	8	..	29	11	..
Alexandra Cws	140	20.2	6.3	13.3	..	25.7	21	1.8	20	48	12	..	34	11	..
Roxburgh Wxt AWS	160	18.6	7.0	12.8	..	24.9	21	1.7	14	..	..	..	..	..	..
Ettrick No.2	91	19.5	5.1	12.3	-1.2	25.2	21	-0.5	14	59	12	..	19	11	..
Tapanui	180	18.3	4.8	11.6	-1.1	24.7	24	0.6	8	89	..	+7	24	11	..
Waitutu Cws	30	16.3	5.2	10.8	..	22.8	17	0.2	2	..	..	..	..	..	..
Winton 2	44	17.8	5.9	11.9	-0.8	23.5	17	0.0	8	99	12	+14	27	14	170
Gore AWS	123	16.6	6.2	11.4	-1.2	22.8	17	2.4	14	75	14	-7	20	14	..
Invercargill Aero		16.7	6.2	11.5	-1.0	23.1	17	0.6	20	105	14	+11	29	14	181
Invercargill Aero AWS	1	16.9	5.7	11.3	..	23.4	17	0.8	20	103	13	..	29	14	..
Invercargill Aero 2 E		..	..	..	..	..	..	..	..	93	13	..	27	14	176
Tiwai Point EWS	5	15.7	8.0	11.9	-1.3	22.9	17	4.0	8	100	14	+3	29	10	..
Balclutha, Telford Ew	11	17.2	5.2	11.2	..	23.6	24	0.1	20	46	14	..	13	11	209
Nugget Point AWS	129	15.2	8.1	11.7	-1.0	21.2	6	4.8	26	63	16	..	13	11	..
Tautuku	25	16.7	7.0	11.9	-0.8	24.0	17	2.5	8	61	12	-47	24	14	..
South West Cape AWS	101	14.6	9.0	11.8	..	19.9	9	6.4	26	96	19	..	37	14	..
Solomon, Taro Is	3	31.2	24.7	28.0	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	31.4	24.3	27.9	..	33.4	5	..	..	..	..	..	..	..	..
Solomon, Auki	11	32.3	24.0	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.0	24.1	28.1	..	33.2	4	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.7	23.2	27.5	..	..	..	..	..	..	..	..	..	..	..
Nauru Upper Air	6	30.9	25.9	28.4	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	31.3	23.9	27.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	32.0	..	..	..	..	..	..	..	444	30	..	122	30	..
Vanuatu,Pekoa	56	31.4	22.3	26.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Lamap	22	32.5	24.5	28.5	..	..	..	21.5	13	114	14	..	47	31	..
Vanuatu, Bauerfield	20	..	22.5	..	..	..	..	20.1	11	..	..	..	..	..	..
Vanuatu,Burtonfield	70	31.0	20.6	25.8	..	..	..	17.0	7	139	14	..	34	20	..
Vanuatu,Aneityum	6	30.5	23.3	26.9	..	..	..	20.5	6	..	..	..	..	..	..
New Cal, Koumac	18	29.2	24.9	27.1	..	..	..	20.8	20	230	21	..	98	20	..
New Cal, Oulop	7	29.9	24.7	27.3	..	..	..	22.6	20	223	28	..	57	20	..
New Cal, Ouanaham	29	30.2	23.2	26.7	..	31.9	3	20.7	17	..	..	..	..	..	..
New Cal, Poinoimie	13	29.0	24.4	26.7	..	..	..	20.7	20	447	31	..	106	13	..
New Cal, La Roche	42	28.5	23.6	26.1	20.8	6	529	29	..	109	20	..
New Cal, La Tontouta	14	30.9	22.1	26.5	..	34.9	9	19.0	6

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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		
New Cal, Nouma	72	28.1	24.7	26.4	
New Cal, Moue	97	27.4	23.5	25.5	..	..	..	19.7	20	327	25	..	87	15
Kiribati, Tarawa	2	..	25.6	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Nanumea Is	2	30.6	24.6	27.6	..	..	..	..	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	31.0	25.4	28.2	..	..	..	22.1	25	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	25.8	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	30.9	23.0	27.0	..	34.0	26	..	..	..	..	..	..	..
Fiji, Nadi EWS	15	31.3	23.3	27.3	..	34.0	26	21.3	4	..	..	..	..	..
Fiji, Nausori Aero	6	30.3	23.1	26.7	..	32.5	18	21.0	4	..	..	..	..	..
Wallis Island, Hihifo	27	30.6	24.7	27.7	..	31.6	8	22.6	26	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.7	25.1	27.9	..	..	..	22.8	5	504	28	..	290	26
Samoa, Apia	1	30.0	..	..	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	30.7	24.4	27.6	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepau	67	30.0	23.0	26.5	..	..	..	18.6	11	..	..	..	..	..
Salote Pilelevu Airpo	2	29.9	25.2	27.6	..	..	..	23.0	6	..	..	..	..	..
Tonga, Fuaamotu Aero	38	30.3	23.8	27.1	..	32.0	30	..	..	..	..	..	..	..
Niue, Hanan Airport O	59	..	22.7	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	28.4	..	..	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	4	28.6	23.1	25.9	..	32.2	28	19.6	24	183	20	..	49	26	
Vanuatu, Saratamata	18	31.2	23.2	27.2	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.9	23.9	27.9	..	..	..	..	..	..	..	..	..	..
Tahiti - Faaa	1	31.1	24.6	27.9	..	32.6	26	23.0	13	..	..	..	..	..
Tuamotu, Takaroa	2	29.6	27.9	28.8	..	31.0	16	..	..	..	..	..	..	..
Tuamotu, Hao	3	30.2	25.6	27.9	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hereheretue	3	31.8	26.3	29.1	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	27.8	23.1	25.5	..	29.3	7	..	..	..	..	..	..	..
Tubuai	2	27.7	23.3	25.5	..	..	..	..	..	..	..	..	..	..
Rapa	1	24.3	20.2	22.3	..	26.7	31	15.4	20	198	19	..	73	24	
Pitcairn Is	264	25.1	19.4	22.3	..	27.6	1	..	..	461	..	..	95	13
Raoul Island AWS	49	25.4	20.9	23.2	..	28.0	25	16.5	1	184	18	..	71	20	
Enderby Is AWS	40	11.5	7.5	9.5	..	12.9	8	5.2	13	78	22	..	19	5	
Campbell Island AWS	19	10.7	7.0	8.9	+0.2	13.6	9	4.6	13	60	24	-62	11	24	
Chatham Islands AWS	48	16.7	11.6	14.2	-0.1	20.2	7	7.6	29	101	17	+26	37	3	
Chatham Island EWS	14	17.4	11.9	14.7	..	21.0	19	6.2	27	89	13	..	36	12	
Georg Von Neumayer	40	-10.6	-16.7	-13.7	..	-1.6	19	-31.7	27	..	..	..	..	..
Ant South Pole	2827	-47.5	-54.3	-50.9	..	-32.3	8	-67.8	29	..	..	..	..	..
Halley Bay	30	-13.0	-21.5	-17.3	..	-2.5	19	-34.4	15	..	..	..	..	..
Gen Belgrano 2	32	-8.3	-15.2	-11.8	..	-0.5	18	-28.1	14	..	..	..	..	..
Base Jubany	4	3.5	-0.1	1.7	..	8.5	4	-4.7	22	..	..	..	..	..
Dinamet	10	2.9	-0.5	1.2	..	6.6	4	..	..	..	..	..	..	..
V C Marambio	198	-1.8	-7.4	-4.6	..	10.2	14	-18.0	31	..	..	..	..	..
Eduardo Frei	10	2.2	-0.2	1.0	..	..	..	..	..	..	..	..	..	..
Arturo Prat	2.7	-0.2	1.3	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	3.1	-0.2	1.5	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.6	-2.0	-0.7	..	5.8	4	-8.1	30	..	..	..	..	..
Palmer Station	8	3.3	-0.2	1.6	..	8.9	2	-4.6	23	..	..	..	..	..
Rothera Point	16	0.5	-2.2	-0.9	..	4.8	4	-6.2	24	..	..	..	..	..
Argentine Is, Faraday	11	2.3	-1.5	0.4	..	8.7	4	-4.1	23	..	..	..	..	..
Gen San Martin	4	1.6	-3.8	-1.1	..	7.6	4	-8.9	23	..	..	..	..	..
King Sejong	11	2.9	0.2	1.6	..	..	..	-4.0	23	..	..	..	..	..
Novolax Arevskaja	99	-7.5	-11.0	-9.3	..	..	..	-17.9	25	..	..	..	..	..
Mawson	16	-8.4	-14.7	-11.6	..	-2.8	2	-20.2	27	..	..	..	..	..
Davis	13	-4.9	-11.6	-8.3	..	7.0	27	..	..	..	..	..	..	..
Progress	64	-7.5	-10.1	-8.8	..	-2.1	3	..	..	..	..	..	..	..
Vostok	3420	-54.4	-61.2	-57.8	..	-44.4	15	-70.8	31	..	..	..	..	..
Casey	41	-4.3	-9.1	-6.7	..	0.4	1	-13.8	12	..	..	..	..	..
Wilkins Runway East	755	-9.6	-16.6	-13.1	..	-4.9	10	-25.6	30	..	..	..	..	..
Durmout Durville	43	-6.6	-11.7	-9.2	..	-1.7	14	-20.2	29	..	..	..	..	..
Mcmurdo	24	-12.3	-20.2	-16.3	..	-4.7	12	-29.5	24	..	..	..	..	..
Ant Scott Base	22	-15.2	-24.3	-19.8	..	-6.6	12	-40.6	21	..	..	..	..	..
Ant Arrival Heights E	210	-15.7	-23.4	-19.6	..	-8.0	12	-32.8	25	..	..	..	..	..
Ant Scott Base EWS	16	-15.3	-24.1	-19.7	..	-7.0	12	-40.1	21	
Darwin Airport	31	31.6	20.7	26.2	..	34.0	30	16.4	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	Hrs		
Hobart Airport	4	26.2	11.4	18.8	..	31.3	23	4.3	25	
Late returns and corrections for February 2012															
North Shore, Auckland	20	22.9	16.6	19.8	..	25.3	9	13.7	28	..	..	..	..	..
Lincoln Rd, Auckland	25	24.4	13.1	18.8	..	26.4	9	9.0	28	..	..	..	..	..
Musick Pt Ews, Auckla	18	23.1	15.8	19.5	..	25.4	18	13.4	27	..	..	..	..	..
Matamata, Hinuera EWS	106	23.2	12.1	17.7	..	27.6	11	6.4	26	21	4	..	15	22	
Opotiki	5	23.0	13.0	18.0	-1.1	27.4	19	7.9	26	71	12	-7	19	22	
Pakuranga, Auckland R	15	24.6	15.0	19.8	..	26.3	8	11.3	28	..	..	..	..	..
Penrose Ews, Auckland	30	23.1	14.7	18.9	..	25.5	10	11.7	28	..	..	..	..	..
Pahiatua EWS	110	20.1	11.0	15.6	..	24.3	17	2.8	29	..	..	..	..	..
Dannevirke	207	20.7	11.6	16.2	-1.2	25.2	23	2.8	29	62	15	-9	14	10	
Castlepoint Station	9	20.3	13.8	17.1	..	25.5	9	7.2	29	46	10	-25	15	10	
Wairoa, North Clyde E	15	21.6	13.1	17.4	-1.5	27.1	18	8.0	28	117	20	-2	28	19	
Ivory Glacier Cws	1390	11.7	6.5	9.1	..	17.8	15	0.0	13	424	15	..	140	22	
Franz Josef	155	20.1	11.4	15.8	+0.3	24.5	..	7.2	..	310	..	-55	78	21	
Stephens Island	187	17.8	13.6	15.7	-0.7	21.5	21	..	..	58	11	..	32	22
Grassmere Salt Works	2	20.9	14.4	17.7	-0.1	27.7	23	10.0	17	43	6	+9	28	22	
Mt Potts EWS	2128	9.4	2.8	6.1	..	14.6	1	-1.9	25	91	11	..	43	22	
Craigieburn Forest	914	18.2	6.8	12.5	-1.5	26.5	1	3.1	25	203	18	+127	94	22	
Snowdon EWS	560	19.1	..	..	..	..	..	..	..	..	..	..	..	..
Winchmore EWS	160	20.2	9.9	15.1	-1.1	25.7	20	6.6	29	89	14	+36	25	29	
Wakanui Cws	53	19.4	10.6	15.0	..	25.1	17	6.4	29	..	..	..	..	..
Ettrick No.2	91	21.1	10.3	15.7	+0.1	28.5	6	6.0	12	78	11	..	26	22	
Solomon, Taro Is	3	31.6	24.9	28.3	..	..	..	22.7	19	198	21	..	48	29
Solomon, Honiara	56	30.8	23.5	27.2	..	32.7	18	22.5	5	410	24	..	75	21	
Solomon, Henderson	9	30.8	22.9	26.9	..	32.6	18	..	..	438	25	..	86	2
Vanuatu, Pekoa	56	30.5	22.4	26.5	..	..	..	..	..	296	18	..	99	3
Vanuatu, Lamap	22	31.1	23.9	27.5	..	..	..	21.8	1	269	21	..	40	21
Vanuatu, Bauerfield	20	..	22.2	..	..	..	..	14.4	4	371	20	..	65	3
Vanuatu, Burtonfield	70	30.8	20.7	25.8	..	..	..	18.0	15	212	15	..	76	8
Vanuatu, Aneityum	6	30.2	23.3	26.8	..	..	..	20.4	15	377	21	..	148	8
Fiji, Nadi EWS	15	30.2	23.3	26.8	..	32.1	15	21.0	15	..	..	..	..	..
Late returns and corrections for January 2012															
Lincoln Rd, Auckland	25	23.4	12.6	18.0	..	25.9	19	8.4	24	..	..	..	..	..
Matamata, Hinuera EWS	106	22.4	11.8	17.1	..	25.9	25	3.9	24	92	13	..	54	7	
Penrose Ews, Auckland	30	22.2	14.2	18.2	..	27.9	18	10.5	24	..	..	..	..	..
Wairoa, North Clyde E	15	24.0	13.7	18.9	-0.2	28.8	12	6.8	28	93	9	-3	56	7	
Ivory Glacier Cws	1390	9.5	4.4	7.0	..	15.0	1	-1.1	16	493	17	..	125	13	
Stephens Island	187	18.6	12.9	15.8	-0.2	..	..	..	..	32	7	..	13	8
Mt Potts EWS	2128	10.4	1.7	6.1	..	19.7	4	-5.8	23	50	16	..	14	12	
Winchmore EWS	160	21.8	8.5	15.2	-1.2	29.7	18	0.9	27	50	12	-5	19	26	
Murchison Mtns EWS	1140	12.1	3.7	7.9	..	..	..	..	..	233	18	..	59	26
Fiji, Nadi EWS	15	30.8	23.5	27.2	..	33.4	4	21.6	11	..	..	..	..	..
Late returns and corrections for December 2011															
Pahiatua EWS	110	20.7	10.3	15.5	..	25.3	14	4.4	8	129	18	..	50	30	
Wairoa, North Clyde E	15	21.6	12.3	17.0	-0.8	27.8	5	6.8	1	205	15	+102	67	17	
Ivory Glacier Cws	1390	11.6	5.2	8.4	..	15.6	26	1.8	9	593	14	..	339	14	
Mt Potts EWS	2128	9.4	2.8	6.1	..	15.7	12	-6.0	17	107	13	..	23	14	
Winchmore EWS	160	20.6	9.4	15.0	+0.2	27.6	27	3.3	20	83	9	+23	27	6	
Late returns and corrections for November 2011															
Ivory Glacier Cws	1390	6.8	0.2	3.5	..	13.4	27	-9.8	5	604	26	..	200	20	
Mt Potts EWS	2128	6.0	-2.1	2.0	..	15.2	27	-11.1	5	116	18	..	39	20	
Late returns and corrections for October 2011															
Ivory Glacier Cws	1390	6.1	0.1	3.1	..	10.8	22	-6.0	16	770	23	..	246	25	
Mt Potts EWS	2128	4.4	-3.0	0.7	..	10.8	23	-8.8	9	131	21	..	39	25	
Late returns and corrections for August 2011															
Darfield	195	13.2	1.8	7.5	+0.3	19.7	24	-2.2	15	66	10	-19	37	16	

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	mm	Hrs		
Late returns and corrections for July 2011															
Darfield	195	10.7	0.8	5.8	+0.0	16.3	28	-2.5	22	32	9	-44	15	7	..

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1971-2000.

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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