

MAY 2011

Summary of the records of Temperature, Rainfall and Sunshine May 2011

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	18.1	14.1	16.1	..	20.8	4	10.5	19	128	15	+54	60	25	..
Kaitaia Aero EWS	80	19.5	12.5	16.0	..	22.4	2	6.0	19	212	14	..	61	25	..
Kaitaia Observatory	85	19.3	11.9	15.6	..	23.2	2	5.5	19	183	21	+65	61	25	155
Kaitaia EWS	85	19.3	12.4	15.9	+1.3	23.2	2	5.8	19	172	22	..	60	25	159
Kerikeri EWS	79	20.0	11.2	15.6	+1.6	22.8	2	4.3	19	315	20	+189	105	25	..
Kerikeri Aerodrome Aw	150	18.9	11.1	15.0	..	22.4	2	5.2	19	370	24	..	97	25	..
Kaikohe AWS	204	19.2	12.9	16.1	+2.6	23.1	5	7.3	19	274	28	+162	77	1	..
Trounson Cws	220	17.2	10.5	13.9	..	21.5	2	4.9	31	156	24	..	40	25	..
Dargaville 2 EWS	66	19.2	12.7	16.0	..	22.7	12	6.5	23	142	23	..	42	6	145
Purerua AWS	82	19.3	12.8	16.1	..	21.1	2	7.0	19	195	21	..	58	25	..
Whangarei Aero AWS	37	19.7	11.9	15.8	+1.6	23.5	12	6.5	19	162	23	+57	69	1	..
Mokohinau AWS	60	18.5	15.4	17.0	..	..	..	..	..	122	17	+51	25	11	..
Leigh 2	27	20.2	13.3	16.8	+1.7	23.4	12	8.2	19	108	21	+22	27	26	..
Warkworth EWS	72	18.3	10.3	14.3	..	22.6	12	3.5	19	191	19	+76	43	26	..
Whangaparaoa AWS	89	18.8	13.1	16.0	..	21.8	13	8.2	19	138	23	..	36	26	..
Whenuapai AWS	26	18.6	10.7	14.7	..	22.7	12	4.6	19	..	..	..	..	..	..
North Shore, Auckland	20	20.0	12.1	16.1	..	..	..	6.4	19	..	..	..	..	..	..
North Shore Albany Ew	64	18.7	11.4	15.1	..	21.8	12	5.4	19	167	21	..	27	25	129
Auckland, Henderson,	7	19.4	10.4	14.9	+1.6	24.1	12	4.9	19	168	24	+61	43	25	..
Henderson, Auckland R	35	19.2	12.0	15.6	..	..	..	..	..	..	..	..	..	..	..
Khyber Pass, Auckland	81	18.4	12.5	15.5	..	21.4	12	7.7	19	163	21	..	45	6	..
Musick Pt Ews, Auckla	18	19.4	12.4	15.9	..	..	..	8.0	19	..	..	..	..	..	..
Waiheke Island, Awaro	34	19.3	10.6	15.0	..	22.0	12	2.5	19	140	22	+47	29	26	..
Whitianga Aero AWS	5	18.7	10.0	14.4	+1.6	21.1	12	2.5	19	287	27	+163	74	26	..
Thames 2	3	19.4	10.9	15.2	+1.9	22.6	11	3.6	19	107	..	+25	45	26	..
Paeroa AWS	18	19.1	10.3	14.7	+2.5	23.1	12	1.9	19	90	20	-3	31	26	..
Toenepi EWS	48	19.0	9.8	14.4	..	23.9	12	1.9	19	76	14	..	43	26	..
Matamata, Hinuera EWS	106	18.1	8.4	13.3	..	23.8	5	-0.5	19	161	15	..	46	26	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	165
Tauranga Aero AWS	4	19.1	11.1	15.1	+2.3	22.5	12	3.3	19	173	14	+84	57	2	..
Te Puke EWS	91	18.7	9.6	14.2	..	22.3	5	0.9	19	283	16	+169	102	2	..
Whakatane Aero AWS	7	18.9	10.6	14.8	+3.2	..	..	..	..	207	18	+128	42	26	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	153
White Island AWS	310	15.9	12.4	14.2	..	18.3	8	7.5	19	146	18	..	32	2	..
Mamaku Radar Wxt AWS	617	13.3	9.0	11.2	..	17.9	12	1.9	19	..	..	..	..	..	..
Kawerau AWS	42	19.0	9.2	14.1	..	22.6	4	0.2	19	..	..	..	..	..	133
Rotorua Aero AWS	283	16.5	8.7	12.6	+2.1	20.1	3	-0.7	19	255	19	+146	58	11	..
Galatea AWS	174	17.0	7.8	12.4	..	20.5	4	-2.6	19	..	..	..	..	..	..
Taupo Wxt AWS	385	16.0	9.3	12.7	..	19.7	12	4.1	19	..	..	..	..	..	..
Tarapounamu EWS	701	12.2	6.8	9.5	..	16.4	5	-1.2	19	334	21	..	119	26	..
Taupo AWS	400	15.7	8.2	12.0	+2.6	19.9	3	-0.9	19	147	17	..	51	26	..
Motu EWS	488	15.1	6.9	11.0	..	18.8	3	-2.5	20	397	21	..	162	26	..
Auckland, Mangere EWS	5	19.3	12.1	15.7	..	23.7	5	5.7	19	180	22	..	45	6	145
Wiri, Auckland Region	18	18.8	12.4	15.6	+2.4	..	..	..	..	..	..	..	..	..	..
Pakuranga, Auckland R	15	20.4	11.2	15.8	..	..	..	3.6	19	..	..	..	..	..	..
Penrose Ews, Auckland	30	19.2	9.6	14.4	..	..	..	..	..	..	..	..	..	..	..
Auckland Aero	33	18.8	12.0	15.4	+1.7	24.6	13	6.1	19	150	22	+58	33	25	..
Auckland, Ardmore	23	19.7	10.5	15.1	+2.4	23.4	12	5.0	29	158	19	+55	38	25	..
Pukekohe EWS	88	18.1	10.5	14.3	+1.3	21.4	12	3.4	19	195	21	..	79	25	..
Firth Of Thames EWS	1	20.5	9.2	14.9	..	24.2	6	0.9	19	199	17	..	72	26	..
Whatawhata 2 EWS	118	17.6	10.2	13.9	..	23.0	12	3.0	19	182	22	..	33	26	..
Hamilton, Ruakura 2 E	45	16.8	7.5	12.2	..	20.6	12	0.1	19	125	16	..	42	26	117
Hamilton AWS	53	18.1	8.7	13.4	+2.1	22.1	6	1.4	19	136	22	+31	51	26	..
Lake Karapiro Cws	55	18.2	10.3	14.3	..	23.8	12	3.6	19	83	16	..	31	26	..
Port Taharoa AWS	27	19.0	13.2	16.1	+2.3	23.1	3	5.5	19	183	25	..	37	6	..
Te Kuiti EWS	62	17.3	8.8	13.1	..	21.6	3	1.3	19	103	26	..	26	11	86
Pureora Forest Cws	549	14.2	7.6	10.9	..	18.4	12	-0.7	19	182	20	..	50	26	..
Taumarunui	171	17.0	8.2	12.6	+2.4	21.6	3	0.3	19	141	28	+2	26	26	..
Taumarunui AWS	195	17.1	7.7	12.4	..	22.5	3	-0.3	19	162	24	..	35	26	92
New Plymouth Aero	27	..	..	..	..	..	..	..	..	..	..	..	..	..	109
New Plymouth AWS	30	17.9	11.6	14.8	+2.5	21.7	1	3.0	19	194	25	+63	34	6	..
Lower Retaruke Cws	233	16.8	8.4	12.6	..	21.0	3	1.3	19	127	19	..	27	11	..
Mt Ruapehu, Chateau E	1097	10.7	4.4	7.6	+2.1	17.7	3	-3.8	19	297	23	+23	49	25	..

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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		
Pahiatua EWS	110	17.1	8.1	12.6	..	22.4	4	0.3	19	85	18	..	26	15	..
Masterton Aero AWS	138	18.1	6.7	12.4	..	22.6	12	-1.8	30	50	15	..	10	7	..
Masterton, Te Ore Ore	110	13.7	-0.4	6.7	..	21.5	5	-8.1	31	31	11	..	6	7	..
Kopua	311	16.8	7.8	12.3	+2.3	23.5	12	1.3	31	48	13	-43	10	2	..
Takapau Plains AWS	330	16.3	6.9	11.6	..	22.3	5	1.0	31	51	19	..	11	15	..
Dannevirke	207	17.1	8.3	12.7	+2.4	22.0	12	2.0	31	47	11	-45	24	15	125
Dannevirke EWS	207	16.3	7.9	12.1	..	21.5	12	1.7	31	44	11	..	24	15	121
Waione EWS	48	18.4	8.1	13.3	..	23.6	12	0.7	31	47	16	..	17	15	..
Cape Turnagain AWS	292	15.4	11.4	13.4	..	20.0	12	5.8	18	..	..	..	..	..	..
Akitio EWS	245	16.2	9.9	13.1	..	..	..	..	..	..	..	..	..	..	..
Castlepoint Station	9	18.2	11.2	14.7	..	22.0	4	3.5	19	35	9	-57	12	2	..
Castlepoint AWS	120	17.1	11.7	14.4	+1.6	21.5	4	5.5	19	31	10	..	10	2	..
Baring Head	79	16.2	11.3	13.8	..	21.6	11	5.8	29	80	11	..	25	14	..
Te Wharau, Brackenfie	292	16.7	7.1	11.9	..	21.0	5	1.0	19	56	10	..	22	7	..
Martinborough EWS	20	17.6	7.4	12.5	..	21.7	3	-1.5	31	47	12	..	10	2	126
Ngawi AWS	6	18.0	12.0	15.0	..	23.4	11	6.9	31	38	13	..	11	2	..
Hicks Bay AWS	46	18.6	12.7	15.7	+2.0	21.5	4	5.9	19	245	18	..	59	26	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	165
Gisborne AWS	5	19.7	9.8	14.8	+2.6	24.5	4	3.0	19	122	11	+34	26	26	..
Tolaga Bay Wxt AWS	12	18.4	10.4	14.4	..	22.3	13	1.6	19	..	..	..	..	..	..
Napier Aero AWS	3	18.5	8.8	13.7	+2.0	23.0	12	2.1	30	40	7	-26	16	26	..
Napier Nelson Pk	2	19.4	8.2	13.8	+1.7	24.1	12	0.6	30	44	7	-19	18	2	170
Hastings AWS	16	19.4	8.1	13.8	..	24.6	12	-0.3	30	66	11	..	25	2	..
Whakatu EWS	5	19.1	6.5	12.8	..	23.4	12	-2.0	30	52	7	..	21	26	..
Waipawa EWS	130	18.1	6.9	12.5	..	23.1	8	-1.6	30	48	8	..	17	26	159
Wairoa, North Clyde E	15	19.9	8.7	14.3	+2.3	24.4	4	1.0	19	52	9	-83	28	26	..
Mahia Radar Wxt AWS	419	15.1	11.2	13.2	..	18.6	13	6.2	19	..	..	..	..	..	..
Mahia AWS	136	17.4	11.8	14.6	+2.1	21.1	13	4.7	19	49	12	..	14	26	..
Cape Kidnappers Wxt A	118	16.8	12.6	14.7	..	19.6	5	7.0	19	..	..	..	..	..	..
Paraparaumu Aero	5	17.3	10.3	13.8	+2.4	20.8	3	2.0	29	113	16	+14	35	25	119
Paraparaumu Aero AWS	5	16.9	10.5	13.7	+2.2	20.3	3	2.3	29	115	16	..	28	25	129
Ohakea AWS	50	17.7	10.2	14.0	..	22.5	7	5.2	19	..	..	..	..	..	..
Palmerston North AWS	39	17.6	9.4	13.5	+2.6	22.6	4	3.8	19	82	15	-3	20	15	..
Palmerston North EWS	21	17.6	9.4	13.5	..	22.4	3	2.0	19	86	16	..	23	15	98
Levin AWS	14	17.7	10.4	14.1	+2.9	24.3	3	3.4	29	124	20	..	28	26	..
Mana Island	2	16.9	12.1	14.5	+2.1	18.9	3	6.7	29	108	20	..	27	14	..
Mana Island AWS	100	15.4	11.6	13.5	..	19.2	11	6.4	29	100	17	..	24	14	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	128
Wellington, Kelburn A	125	16.2	11.1	13.7	..	20.0	11	5.5	29	139	21	..	39	14	..
Wellington Aero	4	17.0	11.4	14.2	+2.0	20.7	1	5.6	29	106	15	+15	35	14	..
Wallaceville EWS	56	17.0	8.3	12.7	..	22.8	3	-1.2	31	108	13	-21	23	25	115
Stratford EWS	300	15.6	9.8	12.7	..	18.9	3	2.7	19	328	19	..	59	25	89
Hawera AWS	98	17.0	11.1	14.1	..	20.7	3	3.8	19	141	23	..	30	6	..
Ohakune EWS	607	14.9	7.3	11.1	..	22.0	11	-0.9	19	99	19	..	35	15	115
Waiouru	806	13.3	5.7	9.5	+2.5	19.1	3	-1.9	19	91	19	-10	23	15	..
Waiouru AWS	820	13.2	5.6	9.4	..	18.8	4	-2.9	19	93	18	-13	20	15	..
Taihape Rec	433	16.6	4.6	10.6	+1.7	22.9	3	-1.4	19	76	18	-9	14	15	..
Flat Hills Wxt AWS	263	16.9	9.0	13.0	..	..	..	3.1	19	..	..	..	..	..	..
Wanganui,Spriggens Pa	15	18.7	10.9	14.8	+2.6	23.6	3	6.2	19	79	14	-2	30	15	..
Wanganui AWS	8	18.2	10.9	14.6	+2.3	22.7	3	5.3	19	81	16	..	37	15	..
Wanganui 2 AWS	18	18.9	10.2	14.6	..	25.6	3	4.9	19	..	..	..	..	..	..
Takaka, Kotinga 2	25	17.9	8.9	13.4	+3.3	22.4	1	1.6	30	450	18	+281	129	25	..
Takaka EWS	20	18.0	8.9	13.5	..	22.8	1	1.7	30	430	16	..	123	25	154
Farewell Spit AWS	3	16.9	11.9	14.4	+2.3	19.0	20	6.5	29	236	19	..	53	14	..
Westport Aero AWS	2	16.4	10.3	13.4	+2.2	25.0	1	3.6	18	251	21	+49	42	25	..
Arapito	18	17.2	9.6	13.4	+2.3	24.0	1	3.0	29	357	19	+162	64	25	103
Arapito EWS	18	16.7	9.0	12.9	..	23.4	1	2.3	29	363	22	..	62	25	..
Murchison EWS	185	15.7	7.3	11.5	..	21.7	6	1.3	18	280	22	+140	56	25	..
Lake Rotoiti EWS	634	13.5	5.4	9.5	..	18.1	1	-2.5	29	333	22	..	51	7	..
Hokitika Aero	39	15.4	9.0	12.2	+2.2	26.7	1	1.3	18	428	27	+183	53	13	68
Hokitika AWS	38	15.4	8.8	12.1	+2.0	26.4	1	1.3	18	415	27	..	51	13	..
Reefton EWS	198	15.3	8.0	11.7	+3.4	21.2	6	2.4	1	360	26	+167	60	25	56
Greymouth Aero	4	16.1	10.1	13.1	+2.4	23.8	1	3.5	29	411	24	+202	105	25	60

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Greymouth Aero EWS	5	15.2	9.7	12.5	..	23.2	1	3.0	29	404	25	..	92	25	77
Pigeon Creek Cws	105	14.5	8.3	11.4	..	20.9	1	1.7	18	474	24	..	74	24	..
Franz Josef	155	15.1	8.5	11.8	+2.3	22.3	1	..	..	524	..	+88	..	..	..
Franz Josef EWS	80	14.9	7.7	11.3	..	22.9	1	0.3	18	429	24	..	61	4	71
Haast AWS	5	14.6	8.4	11.5	+1.7	21.5	1	0.9	18	316	26	..	49	7	..
Milford Sound	3	13.2	7.1	10.2	+1.9	20.3	11	1.2	18	506	26	-130	102	24	..
Milford Sound AWS	3	12.9	6.9	9.9	..	..	..	..	..	470	27	..	92	24	..
Castle Mount EWS	2000	3.6	-1.7	1.0	..	12.8	1	-8.7	18	635	18	..	212	24	..
Secretary Island AWS	19	13.6	9.7	11.7	..	18.5	7	4.9	18	335	25	..	36	24	..
Puysegur Point AWS	44	12.9	9.0	11.0	+0.9	17.9	24	5.3	16	157	24	-63	19	15	..
Motueka, Riwaka EWS	8	18.9	7.6	13.3	+3.3	23.8	4	0.5	29	292	19	+179	53	3	..
Pelorus Sd, Crail Bay	13	16.9	10.8	13.9	+1.9	20.2	12	4.1	29	357	18	+225	79	25	..
Nelson Aero	2	17.5	9.8	13.7	+3.6	22.7	1	2.7	29	270	16	+193	70	25	155
Appleby 2 EWS	18	17.4	8.5	13.0	..	22.6	1	2.7	23	250	14	..	62	25	146
Nelson AWS	4	17.4	10.0	13.7	+3.0	22.8	1	3.3	31	227	15	..	54	25	..
Blenheim Research EWS	4	17.6	8.1	12.9	+2.3	21.5	5	0.9	30	120	14	+64	30	11	162
Blenheim Aero AWS	35	17.4	7.0	12.2	+2.1	21.0	4	-1.4	31	138	16	+78	29	11	..
Brothers Island AWS	68	12.5	9.1	10.8	..	14.6	17	5.3	18	81	17	..	19	14	..
Awatere Valley, Dashw	83	17.3	7.9	12.6	..	21.4	5	-0.4	30	97	13	..	23	25	..
Grassmere Salt Works	2	17.3	9.9	13.6	+2.5	21.2	5	2.1	30	85	12	+34	29	25	..
Cape Campbell AWS	2	14.9	10.9	12.9	..	17.8	17	6.8	31	75	11	..	23	25	..
Boyle River Lodge	600	12.8	4.7	8.8	..	17.0	10	-1.0	29	293	25	..	48	25	..
Hanmer Forest EWS	363	16.7	3.5	10.1	+2.5	22.9	5	-3.4	29	80	13	-19	23	25	..
Kaikoura AWS	105	15.9	9.6	12.8	+1.8	22.3	12	5.9	19	36	12	-29	14	7	..
Arthurs Pass	738	10.4	4.1	7.3	+2.1	14.4	11	-2.5	18	599	20	+201	84	24	..
Arthurs Pass EWS	738	10.3	3.8	7.1	..	14.4	5	-2.9	18	533	21	..	75	24	..
Culverden AWS	181	16.2	5.9	11.1	..	21.9	5	-1.6	29	..	..	..	..	..	..
Waipara Nth Branch @	560	13.9	6.7	10.3	..	18.5	1	-0.7	18	164	14	..	57	25	..
Waiau School Cws	136	17.0	5.5	11.3	..	23.2	5	-0.8	29	61	12	..	18	25	..
Rakaia EWS	1752	4.9	-0.3	2.3	..	11.9	1	-7.4	18	304	18	..	59	4	..
Mt Potts EWS	2128	4.1	-1.2	1.5	..	9.8	1	-9.9	18	157	14	..	35	4	..
Mt Cook EWS	765	13.2	2.6	7.9	+1.7	18.5	25	-3.6	18	355	18	-13	57	24	65
Mueller Hut EWS	1818	7.9	2.5	5.2	..	..	..	..	..	323	16	..	93	24	..
Craigieburn Forest	914	12.0	2.7	7.4	+1.7	17.1	9	-3.8	29	313	21	+181	51	25	..
Snowdon EWS	560	13.6	6.0	9.8	..	17.6	22	-0.8	29	104	18	..	21	25	..
Methven, Three Spring	305	14.6	6.0	10.3	..	22.1	12	1.1	16	112	13	..	28	26	..
Winchmore EWS	160	15.6	5.4	10.5	+1.9	21.9	25	-1.0	18	91	12	+32	21	26	..
Peel Forest	286	14.8	3.9	9.4	+1.5	21.8	12	-2.8	29	90	11	+28	27	7	..
Ashburton Council	101	15.7	6.8	11.3	+2.4	22.7	25	0.8	18	89	14	+32	27	7	..
Ashburton Aero AWS	89	14.8	5.9	10.4	..	21.7	25	-0.1	18	88	14	..	23	7	127
Waipara West EWS	130	16.9	7.7	12.3	..	21.8	5	2.0	29	58	10	..	23	25	147
Rangiora EWS	23	16.3	6.0	11.2	+2.3	23.3	12	-2.3	29	52	11	..	23	25	130
Christchurch Aero	37	15.5	6.5	11.0	+2.1	23.2	12	-2.3	29	53	9	+1	21	7	116
Christchurch Gardens	7	15.7	7.2	11.5	+2.0	23.2	12	0.2	29	41	7	-15	14	7	..
Christchurch, Kyle St	6	15.6	7.9	11.8	..	23.2	12	-0.4	29	43	9	..	15	7	..
Christchurch, New Bri	12	15.2	9.6	12.4	..	21.3	12	3.5	29	..	..	..	..	..	..
Lincoln, Broadfield E	18	15.2	7.3	11.3	+2.1	23.1	12	-0.3	30	51	10	..	22	7	..
Sugar Loaf AWS	618	13.9	7.8	10.9	..	..	..	..	..	..	..	..	..	..	..
Lyttelton Harbour	5	16.1	9.5	12.8	..	21.8	12	4.8	29	37	9	..	11	7	..
Leeston, Harts Creek	12	15.2	7.2	11.2	..	20.5	12	-0.6	30	46	10	..	20	7	..
Akaroa EWS	45	16.9	9.4	13.2	..	22.3	12	4.3	29	37	11	..	12	7	127
Le Bons Bay AWS	236	14.4	8.8	11.6	+1.4	18.1	4	3.1	18	50	15	..	10	17	..
Lake Tekapo, Air Safa	762	12.2	3.7	8.0	+2.0	17.7	25	-0.8	18	79	15	+29	29	7	..
Lake Tekapo EWS	762	12.6	3.9	8.3	..	18.5	25	-0.8	18	68	14	..	24	7	134
Fairlie AWS	403	14.4	6.1	10.3	..	21.9	12	0.8	29	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	13.6	2.5	8.1	..	20.3	25	-4.8	29	60	16	..	27	7	..
Hakataramea Valley Cw	355	14.0	4.8	9.4	..	19.5	12	-0.2	29	73	8	..	51	7	..
Orari Estate	81	14.9	5.8	10.4	+2.3	22.1	12	-0.2	18	68	11	+14	34	7	..
Timaru Aero AWS	26	15.1	5.0	10.1	+2.0	23.4	12	-1.8	29	66	12	+22	37	7	..
Timaru EWS	17	14.1	6.4	10.3	..	22.8	12	0.8	18	63	13	..	35	7	..
Waimate Cws	55	15.1	6.2	10.7	..	23.1	25	-0.5	29	80	13	..	50	7	..
Oamaru Airport AWS	30	14.4	5.8	10.1	..	21.8	12	0.1	16	71	13	..	43	7	..
Albert Burn	1280	7.1	1.3	4.2	..	17.8	1	-5.0	18	207	20	..	34	7	..

Summary of the records of Temperature, Rainfall and Sunshine May 2011

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		
Eglinton, Knobs Flat	365	11.6	4.3	8.0	..	17.2	2	-1.6	18	160	26	..	35	16	..
Tara Hills AWS	488	13.2	3.5	8.4	+2.4	..	..	-1.9	29	77	12	+29	41	7	..
Wanaka Aero AWS	352	13.5	5.0	9.3	..	17.7	24	0.8	18	67	9	..	34	7	..
Naseby Forest 2	607	12.6	3.0	7.8	+2.2	17.3	23	-1.0	16	90	10	+44	57	7	..
Windsor EWS	81	15.1	5.5	10.3	..	21.6	12	-0.2	31	84	14	..	55	7	..
Ranfurlly EWS	450	13.7	3.1	8.4	..	..	..	..	..	81	12	..	52	7	..
Oamaru AWS	40	14.1	6.8	10.5	..	21.0	25	0.9	16	91	15	..	53	7	..
Rock And Pillar	270	13.1	4.8	9.0	..	18.0	25	-1.5	1	..	..	..	..	..	..
Palmerston	21	15.0	4.4	9.7	+1.7	20.8	22	-0.9	16	64	10	+12	35	7	98
Middlemarch EWS	213	14.3	4.4	9.4	..	19.2	23	-0.8	1	72	14	..	43	7	93
Swampy Summit AWS	722	9.9	4.2	7.1	..	..	..	-1.4	16	..	..	..	..	..	..
Dunedin Aero AWS	1	13.9	4.9	9.4	+1.7	20.5	12	-1.3	29	78	13	+18	37	7	..
Dunedin, Musselburgh	4	14.2	7.8	11.0	+1.7	20.3	12	3.0	16	95	12	+25	54	7	101
Murchison Mtns EWS	1140	6.9	2.4	4.7	..	17.2	1	-3.2	18	202	26	..	34	24	..
Takahe Valley Cws	895	8.1	2.1	5.1	..	16.2	1	-3.0	18	157	26	..	33	16	..
Manapouri, West Arm J	178	10.3	5.7	8.0	..	13.4	2	1.4	1	283	27	..	49	16	..
Manapouri Aero AWS	209	12.4	3.9	8.2	..	18.0	24	-2.1	18	70	24	..	15	16	..
Birchwood Wxt AWS	147	12.7	5.7	9.2	..	..	..	2.0	27	..	..	..	..	..	..
Queenstown	329	13.8	6.0	9.9	+2.3	19.2	11	2.2	29	59	14	-31	22	7	65
Queenstown Aero AWS	354	13.2	4.3	8.8	+2.2	..	..	-0.7	29	53	12	-18	20	7	..
Lumsden AWS	187	12.7	4.8	8.8	+1.5	19.2	24	0.5	14	64	19	..	30	7	..
Cromwell EWS	213	14.5	5.2	9.9	..	18.9	24	0.6	21	69	9	..	47	7	59
Lauder EWS	375	13.6	4.3	9.0	..	..	..	-0.4	18	76	9	..	60	7	..
Ophir 2	305	13.7	3.0	8.4	..	18.2	25	-2.8	1	73	9	..	55	7	..
Alexandra	150	15.0	3.7	9.4	..	20.2	14	-1.3	1	70	12	..	49	7	98
Clyde EWS	171	14.3	4.2	9.3	+2.6	19.6	23	-0.8	1	63	10	..	47	7	..
Alexandra Cws	140	14.6	4.6	9.6	..	20.4	12	0.0	1	93	13	..	67	7	..
Roxburgh Wxt AWS	160	13.9	6.0	10.0	..	18.4	12	1.6	1	..	..	..	..	..	..
Tapanui	180	13.6	4.8	9.2	+1.5	20.8	1	0.7	29	83	19	-13	32	7	..
Waitutu Cws	30	13.0	5.6	9.3	..	18.4	24	3.1	1	230	24	..	43	16	..
Winton	44	13.7	5.9	9.8	+1.8	19.0	23	1.5	15	104	13	+8	31	18	82
Gore AWS	123	12.3	6.2	9.3	+1.8	17.2	23	2.1	16	90	19	-3	18	15	..
Invercargill Aero	1	12.8	6.1	9.5	+1.5	17.9	23	1.1	27	137	17	+23	36	16	73
Invercargill Aero AWS	1	13.1	5.8	9.5	..	18.6	23	1.5	27	137	17	..	33	16	..
Invercargill Aero 2 E	..	..	..	..	..	..	..	..	..	133	16	..	36	16	71
Tiwai Point EWS	5	13.0	7.6	10.3	+1.4	..	..	..	..	109	19	-4	26	27	..
Balclutha, Telford Ew	11	13.2	5.4	9.3	..	19.8	23	2.2	16	102	13	..	35	7	94
Nugget Point AWS	129	12.0	7.2	9.6	+1.1	17.0	23	0.9	16	138	17	..	62	7	..
Tautuku	25	13.4	6.6	10.0	+1.4	18.0	21	1.5	1	198	15	+74	81	7	..
South West Cape AWS	101	12.1	8.0	10.1	..	20.8	1	3.7	16	87	22	..	14	24	..
Solomon, Taro Is	3	31.1	24.6	27.9	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	31.4	24.0	27.7	..	32.6	29	..	..	..	..	..	..	..	..
Solomon, Auki	11	31.4	24.2	27.8	..	..	..	22.7	1	98	19	..	18	7	..
Solomon, Honiara	56	31.9	24.0	28.0	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.5	23.0	27.3	..	33.2	29	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	31.0	24.6	27.8	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	31.5	24.3	27.9	..	33.4	14	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.0	22.8	26.4	..	..	..	..	..	175	17	..	44	6	..
Vanuatu,Lamap	22	..	24.1	..	..	..	..	21.8	19	365	21	..	98	11	..
Vanuatu, Bauerfield	20	..	22.3	..	..	..	..	..	..	186	20	..	28	5	..
Vanuatu,Burtonfield	70	28.9	14.8	21.9	..	..	..	..	..	286	15	..	109	31	..
Vanuatu,Aneityum	6	27.6	21.8	24.7	..	31.6	12	18.0	8	513	24	..	95	17	..
New Cal, Ouanaham	29	26.8	20.3	23.6	..	29.7	11	13.4	8	..	..	..	..	..	..
New Cal, Poinoimie	13	26.0	..	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	26.7	17.9	22.3	..	30.5	4	13.6	9	122	19	..	38	25	..
New Cal, Nouma	72	24.7	21.3	23.0	..	..	..	..	..	..	..	..	..	..	..
New Cal, Moue	97	25.9	20.3	23.1	..	28.9	11	16.9	27	197	15	..	65	26	..
Kiribati,Tarawa	2	..	26.4	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	30.9	25.9	28.4	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	31.3	26.1	28.7	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.1	26.7	29.4	..	33.3	3	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	31.8	25.0	28.4	..	..	..	..	..	..	..	..	..	..	..
Fiji,Rotuma	26	31.1	25.5	28.3	..	32.4	27	22.5	29	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine May 2011

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		
Fiji,Nadi Aero	15	30.3	22.3	26.3	..	32.0	27	20.3	25	..	..	..	..	..
Fiji, Nadi EWS	15	30.1	22.4	26.3	..	32.0	27	20.2	25	23	5	..	11	2	
Fiji,Nausori Aero	6	29.4	22.4	25.9	..	..	..	20.3	14	..	..	..	..	..
Wallis Island, Hihifo	27	31.1	24.9	28.0	..	31.8	6	21.8	22	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.9	25.2	28.1	..	..	..	23.4	8	..	..	..	..	..
Samoa,Faleolo	4	31.6	22.8	27.2	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.7	23.4	27.1	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.0	25.3	27.7	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	..	24.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	28.8	21.2	25.0	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	28.3	24.0	26.2	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	28.3	22.2	25.3	..	..	..	..	..	..	..	..	..	..
Niue, Hanan Airport	59	28.1	22.3	25.2	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	27.4	21.8	24.6	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	4	27.3	21.9	24.6	..	29.3	19	20.0	16	227	18	..	98	23	
Hiva Hoa, Atuona	51	29.1	23.5	26.3	..	31.3	15	21.4	16	146	25	..	25	31	
Tahiti - Faaa	1	29.5	23.3	26.4	..	30.7	13	21.2	17	122	18	..	34	5	
Tuamotu, Takaroa	2	29.8	25.6	27.7	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hao	3	28.3	24.5	26.4	..	..	..	22.5	31	..	..	..	..	..
Gambier, Rikitea	91	25.6	21.2	23.4	..	26.9	9	18.1	8	192	20	..	48	3	
Tubuai	2	25.9	21.5	23.7	..	..	..	..	..	..	..	..	..	..
Rapa	1	23.2	19.2	21.2	..	..	..	..	..	..	..	..	..	..
Pitcairn Is	264	23.4	19.0	21.2	..	25.7	1	16.4	..	278	..	..	54	15
Pitcairn Island AWS	264	23.2	18.8	21.0	..	25.5	2	16.1	18	2	4	..	1	5	
Enderby Is AWS	40	9.3	5.9	7.6	..	11.6	24	1.6	28	98	27	..	12	24	
Campbell Island AWS	19	8.4	4.6	6.5	+0.4	11.6	24	-0.9	10	128	28	-3	18	24	
Chatham Islands AWS	48	15.1	11.1	13.1	+2.7	17.5	6	6.1	19	106	22	+15	23	13	
Chatham Island EWS	14	15.6	10.5	13.1	..	17.7	5	3.3	2	112	19	..	24	13	
Georg Von Neumayer	40	-15.8	-22.4	-19.1	..	-4.5	11	-39.1	31	..	..	..	..	..
Ant South Pole	2827	-58.6	-66.1	-62.4	..	-49.1	16	-75.2	28	..	..	..	..	..
Halley Bay	30	-19.6	-27.9	-23.8	..	-6.4	11	-43.7	31	..	..	..	..	..
Gen Belgrano 2	32	-14.2	-20.1	-17.2	..	-6.8	11	-31.4	27	..	..	..	..	..
Base Jubany	4	0.8	-5.5	-2.4	..	6.1	14	-15.0	12	..	..	..	..	..
Dinamet	10	-0.2	-5.0	-2.6	..	4.3	26	..	..	..	..	..	..	..
V C Marambio	198	-7.7	-16.6	-12.2	..	15.4	2	-23.8	12	..	..	..	..	..
Eduardo Frei	10	-1.0	-5.1	-3.1	..	2.2	28	-12.3	12	..	..	..	..	..
Arturo Prat		-0.9	-4.8	-2.9	..	2.8	14	-11.8	12	..	..	..	..	..
Bernado Ohiggins	10	-3.3	-7.4	-5.4	..	3.6	15	-14.1	12	..	..	..	..	..
Palmer Station	8	0.5	-3.4	-1.5	..	6.8	15	-7.9	12	..	..	..	..	..
Rothera Point	16	-1.5	-4.9	-3.2	..	..	..	..	..	..	..	..	..	..
Argentine Is, Faraday	11	0.1	-3.6	-1.8	..	7.1	15	-7.0	21	..	..	..	..	..
Gen San Martin	4	-0.7	-5.7	-3.2	..	6.5	15	-14.1	4	..	..	..	..	..
King Sejong	11	-0.4	-4.3	-2.4	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaia	99	-13.1	-16.2	-14.7	..	-6.3	1	-27.3	24	..	..	..	..	..
Mawson	16	-13.4	-19.2	-16.3	..	-3.1	9	-27.8	26	..	..	..	..	..
Davis	13	-13.8	-19.1	-16.5	..	-0.1	8	-31.0	25	..	..	..	..	..
Progress	64	-14.4	-17.4	-15.9	..	-2.3	8	..	..	..	..	..	..	..
Vostok	3420	-65.9	-69.3	-67.6	..	..	..	-78.7	20	..	..	..	..	..
Casey	41	-13.1	-19.0	-16.1	..	-2.3	8	-29.0	29	..	..	..	..	..
Durmout Durville	43	-13.8	-18.5	-16.2	..	-7.7	3	-24.9	31	..	..	..	..	..
Mcmurdo	24	-17.2	-24.9	-21.1	..	..	..	..	..	..	..	..	..	..
Ant Scott Base	16	-19.6	-31.5	-25.6	..	-9.3	20	-44.2	1	..	..	..	..	..
Ant Arrival Heights E	185	-18.7	-25.8	-22.3	..	-10.0	11	-35.2	6	..	..	..	..	..
Ant Scott Base EWS	16	-18.7	-29.5	-24.1	..	-8.2	20	-42.1	1	..	..	..	..	..
Darwin Airport	31	30.8	15.7	23.3	..	33.0	3	8.0	16	1	1	..	1	9	
Hobart Airport	4	20.1	6.9	13.5	..	32.2	19	2.0	26	22	13	..	6	23	

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 April 2011															
Kaitaia Observatory	85	21.0	13.5	17.3	..	23.8	3	7.8	19	99	16	+10	45	28	175
Tiri Tiri Lighthouse	76	19.3	15.1	17.2	+0.5	21.7	1	9.4	19	89	16	+8	33	25	..
North Shore, Auckland	20	21.3	13.2	17.3	..	25.5	4	7.6	19	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	20.7	13.1	16.9	..	23.2	4	8.1	19	..	..	..	..	..	..
Pakuranga, Auckland R	15	21.8	11.9	16.9	..	24.9	4	3.7	19	..	..	..	..	..	..
Penrose Ews, Auckland	30	20.9	11.0	16.0	..	24.9	4	4.7	19	..	..	..	..	..	..
Cape Campbell AWS	2	15.3	10.9	13.1	..	18.3	4	6.9	19	50	13	..	13	16	..
Mt Cook EWS	765	15.8	2.7	9.3	-0.1	22.8	10	-3.3	28	189	11	-174	101	22	146
Ashburton Council	101	17.0	5.9	11.5	-0.6	25.9	11	-1.4	28	..	..	..	..	..	..
Stewart Is	3	14.3	5.6	10.0	-0.5	21.5	12	..	..	150	..	+5	..	..	..
Balclutha, Finegand	6	..	6.1	..	..	..	..	..	..	39	14	-7	16	13	117
Tautuku	25	15.4	6.1	10.8	-0.1	22.0	12	0.0	28	121	14	+23	21	14	..
Late returns and corrections for March 2011															
Blackball	35	20.5	8.3	14.4	..	24.8	..	3.2	7	246	..	..	..	..	..
Mt Cook EWS	765	18.6	5.4	12.0	-0.5	24.8	13	-1.5	6	333	13	-82	91	1	166
Late returns and corrections for February 2011															
Darfield	195	22.6	10.4	16.5	-0.6	35.1	6	5.9	10	57	14	+2	16	7	..
Late returns and corrections for January 2011															
Darfield	195	..	10.8	..	..	..	..	5.4	24	72	15	+15	27	18	..

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.