

JUNE 2008

Summary of the records of Temperature, Rainfall and Sunshine June 2008

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	16.3	12.1	14.2	..	18.9	12	7.8	29	119	26	-9	22	15	..
Kaitaia Aero EWS	80	16.9	10.3	13.6	..	19.1	12	2.4	5	126	17	..	23	16	..
Kaitaia Observatory	85	16.7	9.8	13.3	..	19.0	16	3.0	5	166	20	+23	29	16	135
Kaitaia EWS	85	17.1	10.6	13.9	+1.2	19.4	16	3.4	5	152	19	..	28	16	143
Kerikeri EWS	79	17.2	9.1	13.2	+1.3	20.1	1	2.5	5	127	20	-43	19	7	..
Kaikohe AWS	204	15.7	9.9	12.8	+1.3	19.4	17	6.0	5	197	25	+13	42	15	..
Dargaville 2 EWS	66	16.4	10.1	13.3	..	20.2	15	4.0	5	124	17	..	22	25	112
Purerua AWS	82	16.5	10.5	13.5	..	18.1	7	5.4	5	112	18	..	25	21	..
Whangarei Aero AWS	37	16.7	9.6	13.2	+0.9	..	..	..	..	151	21	-16	30	15	..
Leigh 2	27	16.4	11.3	13.9	+0.7	19.3	13	7.3	9	150	21	+14	39	16	..
Warkworth EWS	72	15.5	8.8	12.2	..	18.3	15	0.3	5	237	20	+59	54	16	..
Whangaparaoa AWS	89	15.6	10.7	13.2	..	18.7	1	7.1	25	129	18	..	33	16	..
Tiri Tiri Lighthouse	76	15.3	11.6	13.5	+1.3	..	..	..	..	..	..	..	..	..	..
Arc Kumeu EWS	16	16.0	8.1	12.1	..	18.3	13	-1.7	5	136	16	..	24	16	..
Whenuapai AWS	26	16.0	8.8	12.4	..	18.0	13	-0.6	5	..	..	..	..	..	..
North Shore, Auckland	20	17.3	9.0	13.2	..	19.7	13	2.8	5	..	..	..	..	..	..
Henderson, Auckland R	35	14.9	8.7	11.8	..	17.3	13	1.2	5	..	..	..	..	..	..
Lincoln Rd, Auckland	25	13.7	6.0	9.9	..	15.9	22	-2.3	5	..	..	..	..	..	..
Khyber Pass, Auckland	81	16.0	10.8	13.4	..	17.8	13	6.4	5	152	17	..	38	16	..
Musick Pt Ews, Auckla	18	16.6	9.0	12.8	..	18.4	15	4.8	25	..	..	..	..	..	..
Auckland,Owairaka	41	16.0	9.3	12.7	+1.1	18.3	15	0.4	5	162	19	+23	29	16	..
Onehunga, Auckland Re	5	15.9	10.2	13.1	+1.4	17.9	1	3.9	5	..	..	..	..	..	..
Waiheke Island, Awaro	34	16.2	8.4	12.3	..	18.3	15	1.1	5	191	19	+62	57	16	..
Whitianga Aero AWS	5	15.9	8.4	12.2	+1.4	18.4	1	1.0	5	277	21	+83	99	16	..
Thames 2	3	15.4	7.8	11.6	+0.5	19.0	14	1.0	5	132	19	+8	34	22	92
Paeroa AWS	18	15.5	7.5	11.5	+1.3	..	..	..	..	..	..	..	..	..	..
Toenepi EWS	48	15.1	6.0	10.6	..	19.1	15	-2.0	5	148	16	..	31	16	..
Matamata, Hinuera EWS	106	14.2	4.5	9.4	..	..	..	..	..	..	..	..	..	..	..
Tauranga Aero AWS	4	15.2	7.5	11.4	+0.9	17.4	2	2.3	5	145	14	+18	43	16	..
Te Puke EWS	91	14.9	5.3	10.1	..	17.3	13	-0.7	5	209	14	+33	63	22	..
Whakatane Aero AWS	7	14.7	4.7	9.7	+0.4	17.3	2	-0.9	29	93	15	-33	33	22	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	141
White Island	310	14.0	9.8	11.9	..	..	..	..	..	..	..	..	..	..	..
Kawerau	42	15.5	4.7	10.1	..	..	..	..	..	..	..	..	..	..	..
Rotorua Aero 2	281	..	..	..	..	..	..	..	..	..	..	..	..	..	117
Rotorua Aero AWS	283	12.5	4.3	8.4	+0.0	15.9	15	-2.3	5	167	18	+29	43	22	..
Tarapounamu EWS	701	7.0	1.6	4.3	..	11.8	15	-2.6	9	200	17	..	56	22	..
Taupo AWS	400	11.5	3.6	7.6	+0.3	15.9	16	-4.0	5	84	14	..	20	27	..
Opotiki	5	15.8	4.4	10.1	+0.1	19.2	15	-1.5	9	90	13	-44	34	22	..
Motu EWS	488	9.0	0.2	4.6	..	..	..	..	..	145	16	..	40	22	..
Mangere EWS	5	15.2	9.0	12.1	..	17.3	10	2.4	5	154	19	..	32	16	116
Wiri, Auckland Region	18	15.4	9.3	12.4	+1.2	18.2	15	2.2	5	..	..	..	..	..	..
Pakuranga, Auckland R	15	17.3	7.6	12.5	..	..	..	..	..	..	..	..	..	..	..
Penrose EWS	30	17.9	9.5	13.7	..	20.0	13	3.3	5	..	..	..	..	..	..
Auckland Aero	33	15.6	9.2	12.4	+0.8	18.5	15	3.0	5	159	17	+44	29	21	..
Ardmore	23	16.5	7.0	11.8	+1.1	19.2	2	-1.0	5	160	19	+21	36	16	..
Pukekohe EWS	88	15.4	8.0	11.7	+0.8	18.5	14	1.3	5	194	17	..	43	16	..
Whatawhata 2 EWS	118	14.3	7.1	10.7	..	17.2	14	0.8	5	259	21	..	56	16	..
Ruakura 2 EWS	45	14.6	5.1	9.9	..	17.8	15	-3.3	5	161	16	..	42	16	122
Hamilton AWS	53	14.4	5.2	9.8	+0.6	18.0	15	-2.4	5	169	17	+45	42	16	..
Port Taharoa AWS	27	15.5	9.1	12.3	+0.5	19.1	15	3.4	5	..	..	..	..	..	..
Waikeria	46	14.4	4.5	9.5	+0.6	18.3	15	-3.0	5	140	14	+23	27	16	..
Te Kuiti	54	14.1	5.5	9.8	+0.6	..	..	..	..	..	..	..	..	..	..
Te Kuiti EWS	62	14.6	5.1	9.9	..	..	..	..	..	89	19	..	25	16	..
Taumarunui	171	12.7	3.5	8.1	+0.0	19.0	16	-1.9	5	182	28	+49	33	3	..
Taumarunui AWS	195	13.1	2.5	7.8	..	19.0	15	-4.0	5	161	26	..	22	7	102
Turangi 2 EWS	350	12.6	2.7	7.7	..	19.4	16	-5.3	5	181	14	..	49	22	128
New Plymouth Aero	27	..	..	..	..	..	..	..	..	..	..	..	..	..	110
New Plymouth AWS	30	14.7	7.5	11.1	+0.7	18.3	15	0.3	5	167	15	+26	62	22	..
Lower Retaruke	219	12.9	3.2	8.1	+0.2	19.6	16	-2.0	5	195	18	+60	37	7	..
Mt Ruapehu, Chateau E	1097	8.0	0.6	4.3	+0.9	14.6	20	-4.1	5	289	20	+43	47	25	..
Alfredton EWS	240	13.0	3.2	8.1	..	18.3	15	-3.9	19	125	22	..	19	7	..
Masterton, Te Ore Ore	110	14.2	1.4	7.8	..	20.1	15	-3.5	20	116	19	..	18	28	..

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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		
Kopua	311	12.8	3.8	8.3	+0.6	18.4	15	-0.9	19	88	..	-10	19	16	..
Takapau Plains AWS	330	12.2	3.5	7.9	..	17.3	15	-2.9	19	107	21	..	29	16	..
Dannevirke	207	12.8	4.4	8.6	+0.4	19.0	15	-1.5	19	122	14	+28	20	28	135
Dannevirke EWS	207	11.1	2.9	7.0	..	17.2	15	-3.0	19	117	14	..	20	28	125
Waione EWS	48	14.2	4.2	9.2	..	20.0	15	-3.6	21	92	15	..	16	16	..
Castlepoint Station	9	14.4	7.8	11.1	..	20.0	15	2.0	9	115	13	+1	23	17	..
Castlepoint AWS	120	13.1	8.2	10.7	-0.1	18.5	15	3.4	8	109	13	..	25	17	..
Baring Head	79	13.0	7.8	10.4	..	16.5	15	2.3	25	46	15	..	19	28	..
East Taratahi AWS	91	13.5	2.1	7.8	-0.2	19.0	15	-3.7	20	104	18	..	19	7	..
Te Wharau, Brackenfie	292	12.8	4.0	8.4	..	..	..	..	..	118	18	..	16	7	..
Martinborough EWS	20	13.5	3.5	8.5	..	18.9	15	-2.2	25	88	22	..	16	7	132
Ngawi AWS	6	14.3	8.8	11.6	..	19.2	15	4.4	19	108	11	..	31	28	..
Hicks Bay AWS	46	15.4	9.2	12.3	+0.5	18.4	17	4.6	9	137	18	..	60	16	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	147
Gisborne AWS	5	15.4	5.6	10.5	+0.4	20.3	15	0.8	12	72	9	-40	22	17	..
Napier Aero AWS	3	14.5	4.7	9.6	+0.2	19.2	13	-0.4	5	75	10	+1	25	16	..
Hastings AWS	16	14.8	2.9	8.9	..	19.0	13	-1.7	21	62	12	..	21	16	..
Whakatu EWS	5	15.1	2.5	8.8	..	19.0	13	-2.7	21	49	8	..	18	16	..
Waipawa EWS	130	13.8	1.6	7.7	..	18.3	13	-2.7	21	70	13	..	19	16	162
Wairoa, North Clyde E	15	15.2	4.3	9.8	-0.1	..	..	..	..	82	8	-54	31	17	..
Mahia AWS	136	13.4	8.8	11.1	+0.6	16.4	15	4.4	9	106	10	..	23	16	..
Paraparaumu Aero	5	13.9	6.6	10.3	+0.9	17.6	15	-1.8	19	115	18	+11	25	28	104
Paraparaumu Aero AWS	5	13.6	6.2	9.9	+0.6	17.0	15	-2.0	19	108	15	..	23	28	..
Palmerston North AWS	39	13.7	5.1	9.4	+0.6	18.0	15	-2.2	19	118	16	+36	31	28	..
Palmerston North EWS	21	13.9	5.2	9.6	..	18.4	15	-1.6	5	109	16	..	20	28	101
Levin AWS	14	14.0	5.3	9.7	+0.6	18.8	16	-0.9	19	101	17	..	18	22	..
Mana Island	2	14.0	8.8	11.4	+0.8	16.9	15	4.0	25	113	19	..	29	28	..
Mana Island AWS	100	12.0	8.0	10.0	..	14.7	15	3.8	8	101	16	..	27	28	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	123
Wellington, Kelburn A	125	12.8	7.9	10.4	..	17.1	15	3.0	25	136	16	..	39	28	..
Wellington Aero	4	13.7	8.5	11.1	+0.9	17.0	15	3.6	11	85	14	-26	22	28	..
Wallaceville EWS	56	13.7	4.0	8.9	..	19.4	15	-3.5	19	155	17	+19	38	29	105
Stratford EWS	300	12.6	5.0	8.8	..	17.3	16	-0.4	21	187	18	..	59	22	105
Hawera AWS	98	13.5	6.6	10.1	..	17.9	15	0.5	5	125	18	..	27	23	..
Ohakune EWS	607	10.5	2.3	6.4	..	..	..	..	..	210	19	..	36	25	..
Waiouru	806	9.0	1.0	5.0	+0.1	15.4	16	-4.4	19	199	20	+106	35	27	..
Waiouru AWS	820	8.9	0.7	4.8	..	16.0	16	-5.0	19	204	23	+118	36	27	..
Taihape Rec	433	11.8	1.3	6.6	-0.1	17.6	15	-4.4	19	139	..	+59	23	27	..
Wanganui,Spriggins Pa	15	14.5	7.1	10.8	+0.7	20.5	15	3.7	19	111	13	+29	30	22	..
Wanganui AWS	8	14.3	7.4	10.9	+0.7	20.0	16	4.0	5	118	15	..	31	22	..
Wanganui 2 AWS	18	15.0	6.5	10.8	..	..	..	..	..	..	..	..	..	..	..
Takaka,Kotinga 2	25	14.8	2.1	8.5	+0.6	20.4	16	-2.5	20	101	16	-81	34	21	..
Takaka EWS	20	15.0	2.4	8.7	..	20.9	16	-2.2	20	94	10	..	33	21	160
Westport Aero AWS	4	14.2	5.9	10.1	+0.9	19.0	16	1.5	8	196	18	-7	32	26	..
Arapito	18	13.6	4.4	9.0	+0.0	18.2	17	0.4	9	243	16	+44	45	27	108
Arapito EWS	18	13.3	4.1	8.7	..	18.6	16	0.0	20	233	15	..	44	27	..
Murchison EWS	185	9.3	1.0	5.2	..	15.9	15	-3.0	20	122	21	-23	27	27	..
Lake Rotoiti EWS	634	10.1	-1.4	4.4	..	16.0	15	-7.0	19	117	19	..	26	26	..
Hokitika Aero	39	13.0	4.3	8.7	+0.7	17.5	17	-1.5	8	256	17	+24	39	25	98
Hokitika AWS	38	12.9	4.3	8.6	+0.5	17.7	17	-1.6	8	232	19	..	38	25	..
Reefton EWS	198	10.7	1.9	6.3	+0.7	17.4	15	-3.5	30	189	16	+15	45	27	..
Greymouth Aero	4	13.6	5.5	9.6	+0.9	18.0	16	1.0	25	254	17	+48	40	22	100
Greymouth Aero EWS	5	12.9	5.6	9.3	..	17.8	16	1.0	25	246	17	..	37	22	108
Okarito	2	13.2	4.1	8.7	..	16.2	2	..	..	364	15	+108	65	6	..
Franz Josef EWS	80	12.3	2.9	7.6	..	16.8	16	-2.6	8	363	16	..	89	13	106
Haast AWS	5	12.9	5.2	9.1	+1.2	..	..	..	..	..	..	..	..	..	..
Milford Sound	3	11.1	3.7	7.4	+1.7	16.6	17	-0.3	8	575	18	+137	152	6	..
Milford Sound AWS	3	10.9	3.5	7.2	..	16.0	17	-1.0	30	459	23	..	113	6	..
Secretary Island AWS	19	12.8	7.6	10.2	..	17.0	17	2.3	24	396	24	..	80	12	..
Motueka, Riwaka	8	..	..	..	..	..	..	..	..	..	..	..	..	..	135
Motueka, Riwaka EWS	8	13.9	1.1	7.5	+0.0	19.7	16	-3.7	19	99	8	-34	50	21	..
Pelorus Sd, Crail Bay	13	13.8	8.1	11.0	+1.4	16.8	14	2.9	25	61	13	-89	21	22	..
Nelson Aero	2	13.6	2.2	7.9	+0.3	18.5	16	-2.1	19	47	9	-38	18	22	165

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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		
Appleby 2 EWS	18	14.5	0.6	7.6	..	20.7	16	-5.7	19	56	9	..	20	22	168
Nelson AWS	4	13.6	2.5	8.1	+0.2	17.8	16	-1.4	19	44	12	..	17	22	..
Blenheim Research EWS	4	15.0	3.1	9.1	+1.0	21.3	15	-2.5	19	25	10	-35	11	22	183
Blenheim Aero AWS	35	14.5	1.6	8.1	+0.6	20.5	15	-6.1	19	27	10	-41	16	22	..
Brothers Island AWS	68	13.5	9.8	11.7	..	16.0	9	5.3	8	42	13	..	10	23	..
Awatere Valley, Dashw	83	14.1	3.0	8.6	..	19.9	15	-4.2	19	23	9	..	8	22	..
Cape Campbell AWS	2	12.8	8.6	10.7	..	15.6	6	3.8	8	41	12	..	17	28	..
Boyle River Lodge	600	10.6	-0.3	5.2	..	17.7	19	-5.0	18	328	19	..	85	27	..
Hanmer Forest EWS	363	12.7	-1.6	5.6	+0.9	20.9	15	-7.5	8	123	15	+17	28	28	..
Kaikoura AWS	105	12.9	6.5	9.7	+0.9	19.4	15	1.1	8	103	9	+22	58	28	..
Arthurs Pass	738	7.8	0.3	4.1	+1.5	12.5	15	-5.5	8	328	15	-12	59	13	..
Arthurs Pass EWS	738	7.6	0.4	4.0	..	12.8	15	-5.4	8	312	17	..	57	13	..
Culverden	178	13.0	0.1	6.6	..	..	..	..	..	..	..	..	..	..	..
Cheviot EWS	75	12.7	0.5	6.6	..	22.5	15	-6.4	20	100	11	..	55	28	148
Mt Cook EWS	765	9.6	0.1	4.9	+1.8	19.0	15	-5.5	19	323	17	+29	94	13	71
Craigieburn Forest	914	8.8	-1.4	3.7	+0.8	16.1	15	-6.9	8	182	22	+65	30	22	..
Snowdon EWS	560	10.9	1.6	6.3	..	18.2	15	-4.6	8	118	19	..	24	22	..
Winchmore EWS	160	12.3	1.7	7.0	+1.0	18.8	13	-4.6	21	95	13	+32	39	28	..
Peel Forest	286	12.2	-0.2	6.0	+0.8	18.2	9	-4.4	25	86	9	+26	21	22	..
Ashburton Council	101	12.8	1.8	7.3	+1.1	19.0	13	-4.5	21	91	15	+28	41	28	..
Ashburton Aero AWS	89	11.9	1.3	6.6	..	18.0	9	-5.9	21	79	16	..	34	28	126
Waipara West EWS	130	13.9	3.8	8.9	..	23.1	15	-1.8	20	78	10	..	33	28	136
Rangiora EWS	23	13.1	0.9	7.0	+0.7	20.0	15	-4.5	21	75	12	..	31	28	130
Darfield	195	11.9	3.0	7.5	+1.2	18.0	15	-3.9	8	105	11	+34	43	28	..
Darfield EWS	190	12.5	3.1	7.8	..	20.3	15	-3.7	8	87	12	..	38	28	..
Christchurch Aero	37	12.2	1.3	6.8	+0.6	19.2	15	-4.1	19	89	16	+27	45	28	114
Christchurch Gardens	7	12.5	2.0	7.3	+0.4	18.5	15	-5.2	11	89	14	+23	48	28	..
Christchurch, Kyle St	6	13.4	2.1	7.8	..	..	..	..	..	92	12	..	50	28	..
Lincoln, Broadfield E	18	12.3	2.0	7.2	+0.7	18.6	15	-3.9	20	86	11	..	43	28	..
Sugar Loaf AWS	618	10.8	4.6	7.7	..	..	..	..	..	..	..	..	..	..	..
Lyttelton Harbour	5	13.1	5.5	9.3	..	..	..	..	..	..	..	..	..	..	..
Le Bons Bay AWS	236	12.0	6.1	9.1	+1.0	21.2	15	0.4	8	107	17	..	48	28	..
Lake Tekapo, Air Safa	762	9.7	-0.4	4.7	+2.2	18.1	15	-5.3	8	57	11	-1	18	22	..
Lake Tekapo EWS	762	9.9	-0.2	4.9	..	18.5	15	-5.4	25	52	11	..	17	22	145
Fairlie	300	12.3	-1.7	5.3	+1.4	..	..	..	..	..	..	..	..	..	..
Woodbury	195	12.4	-0.2	6.1	..	..	..	..	..	..	..	..	..	..	..
Orari Estate	81	12.0	0.0	6.0	+0.6	18.4	9	-5.2	21	40	10	-12	14	7	..
Timaru Aero AWS	26	11.9	-0.5	5.7	+0.2	19.0	9	-6.0	21	26	14	-16	7	8	..
Timaru 2	17	11.6	2.6	7.1	+0.8	19.7	9	-1.9	22	31	10	-9	14	7	92
Waimate	64	12.0	1.1	6.6	+0.0	19.5	7	-3.0	19	13	7	-35	6	28	..
Oamaru Airport AWS	30	11.5	1.7	6.6	..	18.3	6	-3.2	25	28	12	..	13	28	..
Albert Burn	1280	6.4	-1.4	2.5	..	13.8	16	-7.6	30	151	18	..	35	6	..
Tara Hills AWS	488	9.6	-0.6	4.5	+1.9	17.1	15	-5.1	30	30	14	-15	6	1	..
Wanaka Aero AWS	352	10.4	1.1	5.8	..	16.5	15	-3.6	5	45	16	..	9	1	..
St Bathans, Post Offi	585	..	1.2	..	..	..	..	..	..	..	..	..	..	..	..
Naseby Forest 2	607	9.7	-0.6	4.6	+1.9	17.0	15	-4.7	30	25	..	-9	..	..	..
Windsor EWS	81	12.6	1.1	6.9	..	19.7	12	-3.5	22	13	9	..	4	28	..
Ranfurlly EWS	450	9.6	-0.5	4.6	..	17.0	15	-5.0	30	21	14	..	5	8	..
Oamaru AWS	40	12.0	3.1	7.6	..	18.3	14	-1.3	22	29	17	..	13	28	..
Palmerston	21	12.6	0.2	6.4	+0.8	18.3	6	-5.1	21	22	12	-30	9	28	91
Middlemarch EWS	213	10.5	-0.1	5.2	..	17.0	12	-5.5	19	10	12	..	3	28	111
Swampy Summit AWS	722	7.9	1.4	4.7	..	..	..	..	..	..	..	..	..	..	..
Dunedin Aero AWS	1	11.4	0.9	6.2	+0.8	18.1	14	-4.7	21	39	16	-13	12	28	..
Dunedin, Musselburgh	4	11.7	4.2	8.0	+0.9	18.3	6	0.4	25	33	12	-38	14	28	109
Manapouri, West Arm J	178	7.8	2.5	5.2	..	12.0	15	-1.7	10	284	22	..	50	12	..
Manapouri Aero AWS	209	10.5	1.5	6.0	..	14.3	12	-2.5	10	80	20	..	18	12	..
Queenstown	329	11.6	2.6	7.1	+2.5	17.1	14	-1.1	30	53	13	-29	19	6	81
Queenstown Aero AWS	354	10.6	0.6	5.6	+2.0	15.7	14	-2.9	5	45	17	-21	13	6	..
Lumsden AWS	187	10.4	1.0	5.7	+1.2	14.3	19	-2.5	18	70	21	..	13	6	..
Cromwell EWS	213	12.1	1.5	6.8	..	19.1	6	-4.4	30	12	6	..	5	7	123
Lauder EWS	375	10.4	-0.1	5.2	..	16.3	12	-5.1	8	25	15	..	9	8	..
Ophir 2	305	10.7	-1.0	4.9	..	16.2	12	-6.1	30	25	10	..	16	7	..
Alexandra	150	11.6	-0.8	5.4	..	17.8	6	-5.2	30	17	13	..	7	6	89

Summary of the records of Temperature, Rainfall and Sunshine June 2008

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		
Clyde EWS	171	10.9	-0.4	5.3	+2.1	17.2	6	-5.2	30	12	9	..	5	6	..
Ettrick No.2	91	11.5	0.0	5.8	+1.1	17.0	6	-5.2	30	48	10	..	22	6	..
Winton	44	12.2	2.8	7.5	+1.9	17.5	12	-1.5	30	90	17	+12	14	6	94
Gore AWS	123	9.8	2.7	6.3	+1.3	13.7	6	-0.8	30	79	21	+7	18	6	..
Thornbury	20	11.9	3.4	7.7	..	16.5	19	-3.7	30	73	20	..	12	26	..
Invercargill Aero		11.3	3.0	7.2	+1.6	15.5	12	-3.7	30	103	23	+4	17	6	90
Invercargill Aero AWS	1	11.0	2.4	6.7	..	15.4	12	-3.5	30	101	25	..	13	6	..
Invercargill Aero 2 E		..	..	..	..	..	..	..	..	99	21	..	15	6	89
Tiwai Point EWS	5	10.7	4.5	7.6	+0.9	13.9	12	-1.2	30	92	20	-2	16	25	..
Stewart Is	3	11.0	4.4	7.7	+1.2	15.0	20	-0.5	7	160	..	+25	21	25	..
Balclutha, Telford Ew	11	9.0	0.9	5.0	..	13.5	6	-4.3	30	42	18	..	7	7	107
Nugget Point AWS	129	10.5	4.5	7.5	+0.9	14.7	6	-0.1	25	71	21	..	12	7	..
Tautuku	25	..	3.5	..	..	..	..	-1.5	30	130	16	+15	20	7	..
South West Cape AWS	101	10.5	6.7	8.6	..	13.3	13	0.8	24	153	25	..	31	14	..
Vanuatu,Sola	13	29.1	23.8	26.5	..	..	..	..	..	473	..	..	..	..	..
Vanuatu,Pekoa	56	28.2	22.3	25.3	..	..	..	..	..	349	..	..	..	..	..
Vanuatu,Lamap	22	..	22.9	..	..	..	..	..	..	139	..	..	..	..	..
Vanuatu, Bauerfield	20	28.3	18.4	23.4	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	18.5	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	25.9	19.5	22.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	25.1	17.1	21.1	..	..	..	14.0	30	3	..	..	..	..	..
New Cal, Oulop	7	26.2	19.0	22.6	..	27.4	21	13.4	17	10	13	..	3	12	..
New Cal, Ouanaham	29	25.1	17.0	21.1	..	26.5	14	9.7	29	..	..	..	..	..	..
New Cal, Poinimie	13	26.2	18.5	22.4	..	..	..	..	..	104	..	..	..	..	..
New Cal, La Roche	42	24.8	15.4	20.1	..	26.2	21	8.3	29	64	22	..	29	12	..
New Cal, La Tontouta	14	26.1	14.6	20.4	..	28.8	21	11.5	15	5	..	..	..	..	..
New Cal, Nouma	72	24.2	18.6	21.4	..	27.0	2	17.1	25	11	8	..	7	9	..
New Cal, Moue	97	23.6	16.8	20.2	..	..	..	..	..	25	..	..	..	..	..
New Cal, Matthew	27	23.6	20.9	22.3	..	26.0	22	18.4	30	..	..	..	..	..	..
Kiribati,Tarawa	2	30.7	25.8	28.3	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	30.5	25.4	28.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	30.3	25.4	27.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.2	26.3	28.8	..	..	..	23.9	12	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	31.4	24.3	27.9	..	..	..	..	..	..	..	..	..	..	..
Fiji,Rotuma	26	29.9	24.1	27.0	..	..	..	22.1	13	374	..	..	..	..	..
Fiji, Nambowalu	36	27.9	23.0	25.5	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	28.9	20.2	24.6	..	..	..	0.0	19	50	..	..	..	..	..
Fiji, Nadi EWS	15	29.2	21.1	25.2	..	32.2	16	18.7	9	49	8	..	18	14	..
Fiji,Nausori Aero	6	27.3	20.7	24.0	..	..	..	..	..	362	..	..	..	..	..
Fiji, Vunisea	33	26.5	21.8	24.2	..	29.6	15	..	..	..	..	..	..	..	..
Kiribati, Kanton Isl	2	..	24.9	..	..	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	29.8	24.6	27.2	..	30.9	3	22.4	14	164	20	..	65	13	..
Maopoopo, Futuna Isla	36	29.5	24.5	27.0	..	31.3	3	22.8	12	..	..	..	..	..	..
Samoa,Faleolo	4	29.9	23.2	26.6	..	..	..	..	..	242	..	..	..	..	..
Samoa, Apia	1	29.2	23.9	26.6	..	..	..	21.8	26	470	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.4	25.0	27.2	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepau	67	..	20.2	..	..	..	..	..	..	269	..	..	..	..	..
Salote Pilolevu Airpo	2	..	22.9	..	..	..	..	..	..	132	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.2	..	..	..	..	..	..	..	91	..	..	..	..	..
Niue, Hanan Airport	59	26.7	22.2	24.5	..	..	..	..	..	167	..	..	..	..	..
CI Rarotonga Aero	7	26.8	20.6	23.7	..	..	..	..	..	35	..	..	..	..	..
Rarotonga EWS	4	26.1	20.5	23.3	..	28.9	9	15.6	23	27	10	..	11	6	..
Hiva Hoa, Atuona	51	29.3	22.8	26.1	..	31.7	24	21.4	24	97	16	..	43	2	..
Tahiti - Faaa	1	29.4	22.7	26.1	..	..	..	..	..	123	..	..	..	..	..
Tuamotu, Takaroa	2	29.0	25.2	27.1	..	..	..	22.7	14	80	22	..	15	24	..
Tuamotu, Hao	3	27.6	24.0	25.8	..	29.0	1	21.7	15	..	..	..	..	..	..
Gambier, Rikitea	91	23.7	20.2	22.0	..	26.3	6	17.0	14	112	18	..	25	13	..
Tubuai	2	24.8	19.9	22.4	..	27.9	5	..	..	92	..	..	..	..	..
Rapa	1	21.9	17.2	19.6	..	25.8	5	13.5	13	161	18	..	36	21	..
Raoul Island AWS	49	19.8	14.8	17.3	..	22.4	23	10.1	1	82	17	..	29	15	..
Enderby Is AWS	40	8.6	4.4	6.5	..	10.6	21	-1.8	25	96	26	..	17	21	..
Campbell Island AWS	19	7.3	3.5	5.4	+0.4	9.7	13	-2.2	25	179	27	+75	27	25	..
Chatham Islands AWS	48	11.4	6.7	9.1	+0.3	14.3	14	2.2	26	130	20	+27	31	28	..

Summary of the records of Temperature, Rainfall and Sunshine June 2008

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		
Chatham Island EWS	14	11.8	6.5	9.2	..	15.3	7	0.3	26	76	18	..	12	7	..
Georg Von Neumayer	40	-20.9	-29.8	-25.4	..	-10.8	12	-48.8	25	..	..	..	..	..	..
Ant South Pole	2800	-58.1	-65.5	-61.8	..	-41.7	8	-71.4	24	..	..	..	..	..	..
Halley Bay	30	-25.6	-34.5	-30.1	..	-10.9	7	-49.7	21	..	..	..	..	..	..
Gen Belgrano 2	32	-19.1	-25.3	-22.2	..	..	..	-35.7	21	..	..	..	..	..	..
Base Jubany	4	-1.2	-5.9	-3.6	..	..	..	-21.4	14	..	..	..	..	..	..
Dinamet	10	-1.7	-5.2	-3.5	..	..	..	..	..	..	..	..	..	..	..
V C Marambio	198	-10.1	-19.1	-14.6	..	..	..	-26.9	18	..	..	..	..	..	..
Eduardo Frei	10	-1.9	-6.0	-4.0	..	0.6	24	-14.5	17	56	16	..	34	11	..
Arturo Prat		-1.5	-5.6	-3.6	..	..	..	-15.4	17	..	..	..	..	..	..
Bernado Ohiggins	10	-4.2	-8.1	-6.2	..	1.0	24	-16.0	19	76	16	..	8	14	..
Rothera Point	16	-1.7	-5.3	-3.5	..	3.0	25	-11.4	1	..	..	..	..	..	..
Argentine Is, Faraday	11	-1.3	-4.7	-3.0	..	3.7	25	-23.9	10	..	..	..	..	..	..
Gen San Martin	4	-1.3	..	..	..	..	..	..	..	..	..	..	..	..	..
King Sejong	11	-1.1	-6.6	-3.9	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-15.5	-19.3	-17.4	..	..	..	-33.1	24	..	..	..	..	..	..
Mawson	16	-17.4	-23.2	-20.3	..	-11.3	27	..	..	..	..	..	..	..	..
Davis	13	-14.2	-19.5	-16.9	..	..	..	-30.1	5	..	..	..	..	..	..
Vostok	3420	-68.2	-72.7	-70.5	..	-54.0	27	-79.6	17	..	..	..	..	..	..
Casey	41	-9.4	-17.5	-13.5	..	-0.6	7	..	..	..	..	..	..	..	..
Durmont Durville	43	-15.4	-20.5	-18.0	..	..	..	..	..	..	..	..	..	..	..
Mcmurdo	24	-14.9	-21.7	-18.3	..	-3.9	8	-30.9	26	..	..	..	..	..	..
Ant Scott Base	16	-16.1	-24.5	-20.3	..	-4.8	8	-34.8	28	..	..	..	..	..	..
Ant Arrival Heights E	185	-17.0	-23.8	-20.4	..	-6.2	8	-33.7	1	..	..	..	..	..	..
Ant Scott Base EWS	16	-16.9	-24.5	-20.7	..	-6.2	8	-33.9	28	..	..	..	..	..	..
Darwin Airport	31	31.4	20.1	25.8	..	33.8	6	16.6	1	0	0	..	0	1	..
Hobart Airport	4	14.8	5.6	10.2	..	..	..	-0.4	17	..	..	..	..	..	..
Late returns and corrections for May 2008															
Kaitaia EWS	85	18.0	10.6	14.3	-0.3	19.8	18	5.7	29	96	18	..	26	4	153
North Shore, Auckland	20	18.2	8.4	13.3	..	20.1	5	3.5	29	..	..	..	..	..	..
Henderson, River Pk	7	18.0	6.7	12.4	-0.9	20.7	5	0.2	29	78	15	-29	36	4	..
Lincoln Rd, Auckland	25	14.2	4.5	9.4	..	16.6	5	-1.1	29	..	..	..	..	..	..
Khyber Pass, Auckland	81	17.3	10.7	14.0	..	19.0	31	7.4	29	129	14	..	83	4	..
Musick Pt Ews, Auckla	18	17.8	9.3	13.6	..	19.7	2	5.7	13	..	..	..	..	..	..
Pakuranga, Auckland R	15	18.4	6.4	12.4	..	20.2	5	-1.0	29	..	..	..	..	..	..
Penrose EWS	30	19.0	9.4	14.2	..	20.6	5	5.2	29	..	..	..	..	..	..
Taumarunui	171	14.4	2.2	8.3	-1.9	18.0	10	-1.2	27	59	22	-80	33	4	..
Masterton, Te Ore Ore	110	14.9	3.2	9.1	..	17.8	..	-2.5	31	118	..	..	43	9	..
Martinborough EWS	20	14.3	3.3	8.8	..	17.6	10	-2.1	31	67	17	..	25	9	129
Napier Nelson Pk	2	16.3	6.2	11.3	-0.8	20.2	2	0.0	7	163	13	+101	32	4	161
Wairoa, North Clyde E	15	15.4	6.2	10.8	-1.2	20.2	1	1.8	19	..	..	..	..	..	..
Stratford EWS	300	13.4	4.7	9.1	..	15.8	30	0.2	4	78	9	..	42	4	155
Taihape Rec	433	13.3	0.6	7.0	-1.9	16.5	8	-3.0	7	43	12	-42	21	2	..
Arapito	18	15.8	4.7	10.3	-0.8	19.0	10	0.1	3	43	7	-152	15	7	173
Franz Josef	155	14.7	..	..	..	17.4	..	..	..	87	..	-349	32	7	..
Milford Sound	3	11.5	3.3	7.4	-0.9	14.8	18	-0.3	5	..	..	..	..	..	..
Appleby 2 EWS	18	16.1	1.7	8.9	..	20.2	10	-3.3	28	6	4	..	5	11	196
Blenheim Research EWS	4	15.5	3.0	9.3	-1.3	18.9	7	-0.4	28	4	3	-52	2	2	201
Dunedin, Musselburgh	4	11.5	5.3	8.4	-0.9	15.4	16	0.5	6	68	15	-2	14	21	100
Stewart Is	3	11.7	4.7	8.2	-0.4	19.8	17	..	..	99	..	-55	16	28	..
Balclutha, Finegand	6	11.2	1.3	6.3	-1.8	16.3	16	-3.0	6	73	15	+15	21	21	80
Late returns and corrections for April 2008															
Kaitaia EWS	85	21.6	14.5	18.1	+1.2	24.6	29	9.8	25	128	16	..	30	14	155
Wairoa, North Clyde E	15	19.7	10.2	15.0	+0.1	24.9	28	5.6	22	..	..	..	..	..	..
Stratford EWS	300	17.5	9.7	13.6	..	20.2	11	1.2	21	197	15	..	60	29	127
Appleby 2 EWS	18	19.4	7.5	13.5	..	24.1	1	-1.7	20	169	11	..	99	14	203
Waimate	64	17.1	5.1	11.1	-0.8	..	..	..	..	..	..	..	..	..	..
Pitcairn Is	264	24.5	17.5	21.0	..	27.0	9	10.6	4	74	..	..	..	..	236
Late returns and corrections for March 2008															
Kaitaia EWS	85	24.0	15.3	19.7	+0.8	25.8	21	11.6	6	107	12	..	46	25	200

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 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		
Tiri Tiri Lighthouse	76	21.8	17.8	19.8	+1.0	23.0	9	15.3	5	39	10	-39	16	4	..
Stratford EWS	300	20.8	10.7	15.8	..	25.4	18	4.5	11	196	9	..	101	30	194
Pitcairn Is	264	26.3	17.3	21.8	..	28.1	..	11.4	27	110	..	..	28	23	247
Late returns and corrections for February 2008															
Kaitaia EWS	85	24.3	15.6	20.0	+0.0	27.4	4	10.5	8	168	12	..	68	22	193
Late returns and corrections for January 2008															
Kaitaia EWS	85	24.8	16.3	20.6	+1.1	28.6	30	11.6	3	44	4	..	33	8	201
Late returns and corrections for December 2007															
Kaitaia EWS	85	22.1	15.3	18.7	+0.9	24.4	31	11.9	4	152	13	..	37	5	160
Late returns and corrections for November 2007															
Kaitaia EWS	85	19.3	11.8	15.6	-0.3	22.3	21	1.1	9	101	10	..	28	6	167
Late returns and corrections for September 2007															
Kaitaia EWS	85	17.4	9.9	13.7	+0.7	21.0	15	4.4	12	165	16	..	96	19	166
Late returns and corrections for August 2007															
Kaitaia EWS	85	16.1	9.6	12.9	+0.8	20.2	27	4.0	24	94	18	..	27	16	154
Late returns and corrections for July 2007															
Kaitaia EWS	85	15.9	9.5	12.7	+0.8	17.6	4	4.1	23	269	24	..	84	10	145
Late returns and corrections for June 2007															
Kaitaia EWS	85	16.5	9.4	13.0	+0.3	19.2	2	1.1	27	163	23	..	46	29	128
Late returns and corrections for May 2007															
Kaitaia EWS	85	19.4	11.6	15.5	+0.9	23.3	8	5.3	29	26	8	..	9	23	155
Late returns and corrections for April 2007															
Kaitaia EWS	85	21.0	12.0	16.5	-0.4	23.6	9	8.6	23	72	16	..	16	27	189
Late returns and corrections for March 2007															
Kaitaia EWS	85	23.2	15.0	19.1	+0.2	26.2	4	9.9	21	105	11	..	69	28	201
Late returns and corrections for February 2007															
Kaitaia EWS	85	24.1	14.5	19.3	-0.7	26.5	8	11.2	4	163	6	..	98	6	227
Late returns and corrections for January 2007															
Kaitaia EWS	85	23.2	14.5	18.9	-0.6	26.3	27	7.8	1	102	10	..	34	12	264

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.