

MAY 2009

Summary of the records of Temperature, Rainfall and Sunshine May 2009

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	16.2	11.4	13.8	..	18.9	1	7.3	9	130	22	+56	31	25	..
Kaitaia Aero EWS	80	17.2	9.1	13.2	..	20.8	17	4.0	24	131	19	..	22	26	..
Kaitaia Observatory	85	17.1	9.0	13.1	..	21.0	17	4.7	24	159	19	+41	38	26	190
Kaitaia EWS	85	15.8	8.1	12.0	-2.6	19.8	17	4.0	24	157	20	..	34	8	181
Kerikeri EWS	79	17.5	7.5	12.5	-1.5	21.3	17	3.0	22	192	15	+66	102	26	..
Kaikohe AWS	204	16.5	9.7	13.1	-0.4	21.2	17	6.2	21	217	28	+105	59	25	..
Dargaville 2 EWS	66	15.5	8.8	12.2	..	20.3	17	3.9	23	219	23	..	36	25	152
Purerua AWS	82	16.8	9.2	13.0	..	20.0	17	5.8	21	176	12	..	100	26	..
Whangarei Aero AWS	37	16.8	8.8	12.8	-1.4	22.4	17	3.8	22	139	24	+34	49	25	..
Mokohinau AWS	60	16.2	12.7	14.5	..	19.3	16	8.4	21	155	19	+84	55	1	..
Warkworth EWS	72	15.8	7.2	11.5	..	20.9	17	0.1	22	205	23	+90	31	1	..
Whangaparaoa AWS	89	15.9	9.8	12.9	..	20.7	17	5.4	21	136	21	..	29	1	..
Tiri Tiri Lighthouse	76	15.5	10.9	13.2	-1.1	20.4	17	6.3	21	123	23	+47	29	1	..
Arc Kumeu EWS	16	15.9	6.2	11.1	..	20.0	17	-0.2	22	179	23	..	20	1	..
Whenuapai AWS	26	16.0	7.4	11.7	..	21.0	17	0.5	22	..	..	..	..	..	..
North Shore, Auckland	20	15.3	6.4	10.9	..	20.0	17	1.4	22	..	..	..	..	..	..
Henderson, River Pk	7	16.3	6.8	11.6	-1.7	20.7	17	0.6	22	184	27	+77	22	11	..
Henderson, Auckland R	35	15.1	7.4	11.3	..	19.4	17	0.8	22	..	..	..	..	..	..
Lincoln Rd, Auckland	25	18.5	5.9	12.2	..	23.2	16	-0.8	22	..	..	..	..	..	..
Khyber Pass, Auckland	81	16.0	9.8	12.9	..	20.7	17	5.5	22	120	23	..	20	1	..
Musick Pt Ews, Auckla	18	16.9	8.8	12.9	..	..	..	..	..	..	..	..	..	..	..
Onehunga, Auckland Re	5	15.9	9.2	12.6	-1.2	20.4	17	3.1	22	..	..	..	..	..	..
Waiheke Island, Awaro	34	16.3	6.7	11.5	..	20.4	17	-0.7	22	104	..	+11	27	1	..
Whitianga Aero AWS	5	16.5	7.1	11.8	-1.0	21.3	17	-0.6	22	137	26	+13	27	1	..
Thames 2	3	16.3	7.2	11.8	-1.5	20.0	16	-0.2	22	91	22	+9	15	9	156
Paeroa AWS	18	15.7	6.4	11.1	-1.1	20.0	17	-0.6	22	96	20	+4	29	24	..
Toenepi EWS	48	15.5	5.4	10.5	..	20.3	16	-2.2	22	124	20	..	20	24	..
Matamata, Hinuera EWS	106	15.2	3.6	9.4	..	20.1	17	-4.0	22	83	17	..	13	24	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	169
Tauranga Aero AWS	4	16.2	7.7	12.0	-0.8	20.3	16	1.2	22	72	16	-17	14	11	..
Whakatane Aero AWS	7	15.6	4.9	10.3	-1.3	19.6	17	-1.6	22	139	14	+60	42	11	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	171
White Island	310	13.8	9.4	11.6	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	16.0	4.4	10.2	..	..	..	..	..	..	..	..	..	..	154
Rotorua Aero 2	281	..	..	..	..	..	..	..	..	..	..	..	..	..	157
Rotorua Aero AWS	283	13.2	4.8	9.0	-1.5	17.7	17	-2.9	22	68	16	-41	14	20	..
Tarapounamu EWS	701	8.2	2.7	5.5	..	13.5	17	-2.7	22	147	23	..	55	24	..
Taupo AWS	400	12.4	3.5	8.0	-1.4	17.0	16	-4.1	22	54	15	..	11	8	..
Opotiki	5	16.4	5.2	10.8	-1.4	19.6	16	-1.7	22	123	13	+22	29	10	..
Motu EWS	488	10.9	2.7	6.8	..	14.1	17	-7.8	22	244	22	..	92	24	..
Mangere EWS	5	15.4	8.2	11.8	..	20.0	17	1.3	22	142	22	..	21	8	153
Wiri, Auckland Region	18	15.4	8.2	11.8	-1.4	20.1	17	0.8	22	..	..	..	..	..	..
Pakuranga, Auckland R	15	15.9	5.6	10.8	..	20.8	17	-2.2	22	..	..	..	..	..	..
Penrose EWS	30	18.5	9.2	13.9	..	..	..	..	..	..	..	..	..	..	..
Auckland Aero	33	15.8	8.5	12.2	-1.5	20.7	17	1.7	22	152	24	+60	24	9	..
Ardmore	23	17.3	4.7	11.0	-1.7	21.0	17	-1.5	25	154	26	+51	19	9	..
Pukekohe EWS	88	15.2	6.7	11.0	-2.0	19.6	16	-0.5	22	169	23	..	22	8	..
Whatawhata 2 EWS	118	15.0	7.0	11.0	..	18.4	16	-0.5	22	165	21	..	19	17	..
Ruakura 2 EWS	45	14.8	4.4	9.6	..	19.2	16	-3.4	22	102	20	..	14	17	144
Hamilton AWS	53	14.8	5.0	9.9	-1.4	19.6	16	-2.4	22	91	20	-14	11	17	..
Port Taharoa AWS	27	15.6	8.1	11.9	-1.9	19.0	16	2.0	21	184	21	..	20	11	..
Waikeria	46	14.9	..	..	..	19.2	16	..	..	115	17	+13	19	12	..
Te Kuiti EWS	62	14.5	4.2	9.4	..	17.8	15	-2.5	22	171	19	..	28	8	127
Pureora Forest Cws	549	10.5	3.0	6.8	..	14.3	16	-2.9	22	153	19	..	24	8	..
Taumarunui	171	13.2	3.1	8.2	-2.0	17.1	16	-2.2	22	125	26	-14	17	17	..
Taumarunui AWS	195	13.6	2.5	8.1	..	17.3	3	-4.0	22	155	24	..	24	17	107
Turangi 2 EWS	350	13.2	2.7	8.0	..	16.9	3	-3.9	22	102	17	..	21	8	123
New Plymouth Aero	27	..	..	..	..	..	..	..	..	..	..	..	..	..	119
New Plymouth AWS	30	14.8	7.0	10.9	-1.4	19.1	16	-0.8	22	174	22	+43	24	10	..
Lower Retaruke	219	13.0	3.0	8.0	-1.9	17.7	1	-2.8	22	136	23	+1	19	15	..
Mt Ruapehu, Chateau E	1097	7.3	0.6	4.0	-1.5	11.6	27	-4.5	21	223	21	-51	27	15	..
Alfredton EWS	240	12.5	4.9	8.7	..	18.3	16	-3.8	22	130	26	..	26	23	..
Masterton Aero AWS	138	12.9	4.2	8.6	..	19.6	16	-3.1	22	123	27	..	26	23	..

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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	12.6	5.8	9.2	-0.8	19.4	16	-1.8	22	66	23	-25	16	23	..
Takapau Plains AWS	330	11.9	5.2	8.6	..	19.2	16	-1.1	22	66	25	..	19	23	..
Dannevirke EWS	207	11.0	4.7	7.9	..	17.4	16	-2.7	22	86	24	..	27	23	92
Waione EWS	48	13.8	6.0	9.9	..	20.2	15	-2.4	22	124	25	..	25	23	..
Castlepoint Station	9	13.7	8.4	11.1	..	18.9	16	4.2	22	142	16	+51	34	23	..
Castlepoint AWS	120	12.3	8.1	10.2	-2.6	17.6	16	4.3	21	142	17	..	30	23	..
Baring Head	79	11.8	7.7	9.8	..	16.7	16	2.8	28	62	22	..	7	3	..
Te Wharau, Brackenfie	292	11.6	3.9	7.8	..	17.5	16	-0.2	5	330	25	..	55	23	..
Martinborough EWS	20	12.6	4.5	8.6	..	18.5	16	-2.3	22	177	21	..	43	23	92
Ngawi AWS	6	12.8	8.6	10.7	..	18.4	16	4.6	28	128	24	..	18	24	..
Hicks Bay AWS	46	15.2	9.2	12.2	-1.5	19.0	17	1.7	22	166	19	..	26	24	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	128
Gisborne AWS	5	15.6	7.6	11.6	-0.6	21.3	17	1.1	22	138	18	+50	31	3	..
Napier Aero AWS	3	14.8	6.9	10.9	-0.8	21.6	17	-0.3	22	104	17	+38	24	25	..
Napier Nelson Pk	2	15.5	6.8	11.2	-0.9	22.0	16	-0.8	22	111	14	+49	29	25	141
Hastings AWS	16	15.2	5.5	10.4	..	22.3	16	-2.4	22	53	15	..	14	23	..
Whakatu EWS	5	15.2	4.9	10.1	..	22.4	16	-3.6	22	79	14	..	20	25	..
Waipawa EWS	130	13.4	3.9	8.7	..	20.8	16	-4.2	22	78	15	..	19	23	136
Mahia AWS	136	13.7	8.8	11.3	-1.2	19.7	16	4.6	22	96	19	..	14	23	..
Paraparaumu Aero	5	13.7	7.0	10.4	-1.0	18.2	16	-0.5	3	98	21	-2	20	23	141
Paraparaumu Aero AWS	5	13.3	6.8	10.1	-1.4	18.1	16	-0.7	3	93	22	..	19	23	..
Palmerston North AWS	39	13.5	5.8	9.7	-1.2	19.0	16	-1.4	22	87	21	+2	11	23	..
Palmerston North EWS	21	13.6	6.2	9.9	..	19.2	16	-1.8	22	77	21	..	13	23	105
Levin AWS	14	13.8	4.9	9.4	-1.8	17.7	16	-0.9	22	90	20	..	20	7	..
Mana Island	2	13.6	8.8	11.2	-1.2	17.8	16	3.7	22	94	..	..	18	23	..
Mana Island AWS	100	11.9	8.4	10.2	..	15.9	16	3.9	22	84	20	..	18	23	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	130
Wellington, Kelburn A	125	11.9	7.4	9.7	..	16.0	14	2.5	22	185	27	..	30	8	..
Wellington Aero	4	12.9	8.4	10.7	-1.5	17.5	16	3.5	22	145	24	+54	25	8	..
Wallaceville EWS	56	13.0	4.4	8.7	..	18.0	16	-3.2	22	184	22	+55	43	23	102
Stratford EWS	300	12.1	4.8	8.5	..	17.2	5	-1.8	22	163	22	..	20	20	98
Hawera AWS	98	12.9	5.7	9.3	..	18.7	16	-0.8	22	162	25	..	29	20	..
Waiouru	806	8.5	1.6	5.1	-1.9	13.0	16	-4.6	22	120	21	+20	29	23	..
Waiouru AWS	820	8.2	1.4	4.8	..	13.0	16	-6.1	22	114	24	+8	26	23	..
Taihape Rec	433	11.7	1.6	6.7	-2.2	16.6	16	-4.0	22	56	19	-29	16	23	..
Wanganui,Spriggens Pa	15	14.1	7.1	10.6	-1.6	20.8	16	1.8	28	87	17	+6	16	18	..
Wanganui AWS	8	13.9	7.2	10.6	-1.7	19.9	16	1.3	28	82	16	..	15	18	..
Wanganui 2 AWS	18	14.8	6.6	10.7	..	21.0	16	2.0	3	..	..	..	..	..	..
Takaka,Kotinga 2	25	15.2	2.2	8.7	-1.4	18.0	15	-0.5	9	71	11	-98	21	14	..
Takaka EWS	20	15.3	2.9	9.1	..	18.5	15	-0.6	29	65	10	..	19	14	..
Farewell Spit AWS	3	14.5	7.9	11.2	-0.9	17.9	16	4.0	21	61	12	..	17	10	..
Westport Aero AWS	2	14.2	4.9	9.6	-1.6	18.5	25	-0.8	23	157	13	-45	28	7	..
Arapito	18	14.0	4.2	9.1	-2.0	17.7	16	-1.6	21	180	13	-15	25	16	157
Arapito EWS	18	13.8	3.5	8.7	..	16.9	16	-2.4	21	166	13	..	23	16	..
Murchison EWS	185	11.6	1.2	6.4	..	16.5	25	-4.0	23	126	18	-14	26	14	..
Lake Rotoiti EWS	634	10.2	0.0	5.1	..	14.6	27	-5.6	12	119	18	..	26	16	..
Hokitika Aero	39	13.2	3.8	8.5	-1.5	17.8	25	-1.8	12	188	13	-57	40	16	156
Hokitika AWS	38	13.2	3.7	8.5	-1.6	18.0	25	-2.0	12	183	14	..	38	16	..
Reefton EWS	198	12.1	1.4	6.8	-1.5	16.0	25	-3.8	12	168	12	-25	40	16	131
Greymouth Aero	4	13.5	4.5	9.0	-1.7	16.4	16	-1.0	23	208	14	-1	32	14	154
Greymouth Aero EWS	5	13.0	4.7	8.9	..	15.9	25	-0.8	23	198	14	..	30	14	165
Pigeon Ck	105	12.0	3.2	7.6	..	16.5	25	-1.9	21	316	15	..	70	16	..
Mahanga EWS	1995	0.8	-5.1	-2.2	..	10.9	27	-10.5	21	118	16	..	68	16	..
Okarito	2	13.3	3.3	8.3	..	16.5	1	-1.4	21	254	12	+10	54	17	..
Franz Josef	155	14.0	..	..	..	17.5	26	..	..	471	..	+35	182	16	..
Franz Josef EWS	80	12.3	2.1	7.2	..	15.7	23	-2.0	21	387	14	..	135	16	155
Haast AWS	5	13.1	4.9	9.0	-0.8	..	..	..	..	..	..	..	..	..	..
Milford Sound	3	12.2	3.7	8.0	-0.3	19.2	23	0.2	27	539	15	-97	135	14	..
Milford Sound AWS	3	12.0	3.5	7.8	..	18.9	23	-0.8	27	514	17	..	132	15	..
Secretary Island AWS	19	13.5	7.0	10.3	..	17.5	23	3.9	11	279	17	..	41	14	..
Puysegur Point AWS	44	11.5	6.8	9.2	-0.9	15.1	3	4.0	10	240	24	+20	44	16	..
Motueka, Riwaka EWS	8	14.5	1.5	8.0	-2.0	17.7	17	-2.7	21	38	7	-75	14	16	..
Maud Island	15	13.2	6.3	9.8	..	18.0	16	2.5	28	46	..	..	14	7	..

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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		
Pelorus Sd, Crail Bay	13	13.7	7.2	10.5	-1.5	18.0	16	2.4	21	62	14	-70	14	7	..
Nelson Aero	2	14.4	2.7	8.6	-1.5	17.5	16	-1.3	22	21	8	-56	7	16	194
Appleby 2 EWS	18	15.7	1.7	8.7	..	19.2	16	-3.0	12	24	9	..	8	16	183
Nelson AWS	4	14.4	3.1	8.8	-1.9	17.6	16	-0.1	22	21	10	..	5	17	..
Blenheim Research EWS	4	14.3	3.1	8.7	-1.9	20.0	16	-2.3	21	33	11	-23	10	8	169
Blenheim Aero AWS	35	13.9	1.6	7.8	-2.3	19.0	16	-4.7	21	55	9	-5	27	8	..
Brothers Island AWS	68	12.7	9.3	11.0	..	16.6	14	5.9	31	46	17	..	8	5	..
Awatere Valley, Dashw	83	12.1	2.8	7.5	..	18.8	16	-3.2	28	38	10	..	10	8	..
Grassmere Salt Works	2	10.9	3.1	7.0	-4.1	17.1	16	-1.3	12	59	13	+8	13	31	..
Cape Campbell AWS	2	12.3	8.2	10.3	..	..	..	..	..	61	13	..	14	24	..
Boyle River Lodge	600	9.8	-0.9	4.5	..	15.5	28	-6.1	12	229	..	..	45	14	..
Hanmer Forest EWS	363	10.7	-0.3	5.2	-2.4	19.4	16	-7.0	12	181	22	+82	40	23	..
Kaikoura AWS	105	11.6	6.3	9.0	-2.0	22.2	16	3.3	31	82	15	+17	25	6	..
Arthurs Pass	738	6.8	-0.8	3.0	-2.2	11.2	16	-5.1	12	476	17	+78	200	16	..
Arthurs Pass EWS	738	6.7	-1.0	2.9	..	11.2	4	-5.2	12	474	17	..	214	16	..
Culverden	178	12.0	1.3	6.7	..	..	..	..	..	81	14	+31	14	14	..
Waiau School Cws	136	12.1	2.2	7.2	..	21.1	16	-3.3	12	64	20	..	15	6	..
Cheviot EWS	75	11.4	1.6	6.5	..	21.7	16	-3.7	12	101	18	..	29	23	144
Mt Cook EWS	765	7.4	-0.2	3.6	-2.6	14.5	28	-2.6	9	809	22	+441	321	16	63
Craigieburn Forest	914	6.7	-1.7	2.5	-3.2	13.4	28	-5.5	12	316	24	+184	79	17	..
Snowdon EWS	560	9.3	1.0	5.2	..	15.1	27	-3.5	12	220	27	..	30	5	..
Methven Cws	313	10.7	3.0	6.9	..	19.8	16	-0.9	9	175	19	..	43	5	..
Winchmore EWS	160	11.1	2.2	6.7	-1.9	19.1	16	-2.3	2	152	21	+93	29	5	..
Peel Forest	286	10.8	1.6	6.2	-1.7	19.7	16	..	..	150	16	+88	26	23	..
Ashburton Council	101	11.4	2.0	6.7	-2.2	21.5	16	-3.0	9	135	24	+78	21	23	..
Ashburton Aero AWS	89	10.9	2.6	6.8	..	21.0	16	-1.7	3	135	24	..	25	5	148
Waipara West EWS	130	12.0	3.8	7.9	..	20.9	16	0.2	11	106	19	..	14	20	145
Rangiora EWS	23	12.2	2.8	7.5	-1.4	21.6	16	-2.1	4	104	19	..	19	10	129
Darfield EWS	190	11.0	3.1	7.1	..	20.2	16	-0.4	12	121	18	..	24	23	..
Christchurch Aero	37	11.2	2.6	6.9	-2.0	21.4	16	-3.1	4	145	19	+93	28	5	134
Christchurch Gardens	7	11.9	3.4	7.7	-1.8	22.6	16	-0.5	4	172	18	+116	36	10	..
Christchurch, Kyle St	6	12.6	2.9	7.8	..	23.0	16	-2.6	4	165	17	..	33	10	..
Lincoln, Broadfield E	18	11.6	3.4	7.5	-1.7	21.4	16	-2.1	4	171	17	..	28	5	..
Sugar Loaf AWS	618	8.7	3.1	5.9	..	..	..	..	..	..	..	..	..	..	..
Lyttelton Harbour	5	12.1	6.8	9.5	..	23.0	16	4.0	21	..	..	..	..	..	..
Akaroa EWS	45	12.1	5.2	8.7	..	22.1	16	2.4	2	206	19	..	41	23	117
Le Bons Bay AWS	236	10.1	5.4	7.8	-2.4	18.5	16	0.8	21	92	19	..	18	9	..
Lake Tekapo, Air Safa	762	7.2	-0.3	3.5	-2.5	13.6	28	-4.0	11	207	16	+157	99	16	..
Lake Tekapo EWS	762	7.6	-0.2	3.7	..	14.0	28	-4.3	11	186	16	..	88	16	113
Fairlie	300	12.0	0.6	6.3	-0.8	..	..	..	..	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	8.1	0.0	4.1	..	15.0	14	-4.6	7	137	24	..	67	16	..
Hakataramea Valley Cw	355	9.9	0.6	5.3	..	17.4	16	-3.9	3	76	14	..	28	23	..
Woodbury	195	11.7	1.4	6.6	..	..	..	..	..	..	..	..	..	..	..
Orari Estate	81	11.0	2.3	6.7	-1.4	19.0	16	-1.5	2	92	18	+38	22	9	..
Orari Estate Cws	81	10.8	2.6	6.7	..	19.2	16	-0.9	9	105	21	..	22	9	..
Timaru Aero AWS	26	11.1	1.8	6.5	-1.6	19.7	16	-2.2	9	64	17	+20	13	9	..
Timaru EWS	17	10.9	3.2	7.1	..	20.1	16	-0.6	9	72	17	..	17	5	130
Waimate Cws	55	11.1	2.9	7.0	..	19.3	16	-1.6	3	91	18	..	24	5	..
Oamaru Airport AWS	30	10.5	3.1	6.8	..	19.5	16	-1.0	27	122	22	..	34	5	..
Albert Burn	1280	5.0	-2.6	1.2	..	12.7	26	-6.8	10	244	19	..	77	16	..
Tara Hills AWS	488	8.4	0.2	4.3	-1.7	14.3	14	-5.1	27	116	18	+68	70	16	..
Wanaka Aero AWS	352	8.9	0.9	4.9	..	13.6	14	-2.6	30	105	15	..	37	16	..
St Bathans, Post Offi	585	8.5	0.5	4.5	..	..	..	..	..	..	..	..	..	..	..
Naseby Forest 2	607	8.3	-0.2	4.1	-1.5	16.3	16	-4.2	2	115	..	+69	..	..	..
Windsor EWS	81	10.2	0.9	5.6	..	17.2	16	-4.1	28	66	15	..	23	23	..
Ranfurly EWS	450	8.1	-0.6	3.8	..	14.6	16	-5.3	3	65	14	..	11	23	..
Oamaru AWS	40	11.0	3.4	7.2	..	20.5	16	-1.0	28	113	24	..	35	23	..
Palmerston	21	11.3	1.8	6.6	-1.4	18.7	16	-3.5	3	126	21	+74	26	23	99
Middlemarch EWS	213	9.7	0.3	5.0	..	17.9	16	-6.5	2	53	17	..	9	5	96
Swampy Summit AWS	722	5.9	0.9	3.4	..	13.6	26	-2.4	31	..	..	..	..	..	..
Dunedin Aero AWS	1	11.0	1.5	6.3	-1.4	19.6	16	-4.9	3	166	23	+106	22	10	..
Dunedin, Musselburgh	4	10.5	4.3	7.4	-1.9	17.8	16	0.4	27	168	23	+98	23	10	100
Murchison Mtns EWS	1140	3.0	-2.1	0.5	..	7.6	26	-4.9	9	616	19	..	278	21	..



Summary of the records of Temperature, Rainfall and Sunshine May 2009

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			
Niue, Hanan Airport	59	28.0	23.6	25.8	..	..	..	..	..	..	..	..	..	..		
CI Rarotonga Aero	7	27.5	21.8	24.7	..	..	..	..	..	..	..	..	..	..		
Rarotonga EWS	4	27.8	21.7	24.8	..	31.2	27	17.4	17	45	12	..	15	20		
Hiva Hoa, Atuona	51	31.0	23.2	27.1	..	32.2	4	21.0	11	104	16	..	43	14		
Tahiti - Faaa	1	30.4	24.2	27.3	..	..	..	..	..	..	..	..	..	..		
Tuamotu, Takarua	2	30.4	25.7	28.1	..	..	..	..	..	..	..	..	..	..		
Tuamotu, Hereheretue	3	28.7	23.0	25.9	..	..	..	19.2	21	178	17	..	42	1		
Gambier, Rikitea	91	25.0	20.8	22.9	..	27.9	3	17.4	12	197	19	..	42	6		
Tubuai	2	26.3	20.0	23.2	..	..	..	15.1	19	119	21	..	87	15		
Rapa	1	23.3	18.5	20.9	..	26.3	2	14.8	22	289	23	..	109	16		
Raoul Island AWS	49	21.2	15.0	18.1	..	23.4	3	11.5	23	44	14	..	8	4		
Enderby Is AWS	40	8.8	4.6	6.7	..	11.1	23	1.4	20	60	23	..	12	4		
Campbell Island AWS	19	7.7	3.8	5.8	-0.3	10.2	7	-3.3	21	90	28	-41	11	15		
Chatham Islands AWS	48	13.1	8.1	10.6	+0.2	16.8	17	3.9	2	129	26	+38	27	4		
Chatham Island EWS	14	13.6	7.6	10.6	..	16.6	17	0.0	14	110	21	..	26	18		
Georg Von Neumayer	40	-13.2	-19.4	-16.3	..	-4.1	27	-39.8	20	..	..	..	..	..		
Ant South Pole	2800	-47.0	-55.9	-51.5	..	-31.2	28	-66.3	16	..	..	..	..	..		
Halley Bay	30	-21.0	-29.3	-25.2	..	-5.2	1	-40.6	23	..	..	..	..	..		
Gen Belgrano 2	32	-13.4	-21.2	-17.3	..	-1.7	1	-36.6	21	..	..	..	..	..		
Base Jubany	4	-0.4	-5.9	-3.2	..	..	..	..	..	..	..	..	..	..		
Dinamet	10	-0.9	-5.0	-3.0	..	2.9	16	-10.0	12	..	..	..	..	..		
V C Marambio	198	-10.7	-17.4	-14.1	..	-0.3	15	-25.4	27	..	..	..	..	..		
Eduardo Frei	10	-1.0	-5.1	-3.1	..	5.0	11	-9.9	28	..	..	..	..	..		
Arturo Prat		-1.0	-5.0	-3.0	..	3.4	8	-9.0	28	..	..	..	..	..		
Bernado Ohiggins	10	-3.0	-6.1	-4.6	..	..	..	..	..	..	..	..	..	..		
Rothera Point	16	-1.7	-5.1	-3.4	..	2.4	16	-9.1	1	..	..	..	..	..		
Gen San Martin	4	-1.0	..	..	..	5.0	24	..	..	..	..	..	..	..		
King Sejong	11	-1.6	-4.4	-3.0	..	..	..	..	..	..	..	..	..	..		
Novolax Arevskaja	99	-10.4	-15.2	-12.8	..	-1.1	1	-24.6	23	..	..	..	..	..		
Mawson	16	-10.4	-17.2	-13.8	..	-2.5	27	-23.7	14	..	..	..	..	..		
Davis	13	-10.2	-16.9	-13.6	..	-1.9	31	-23.1	15	..	..	..	..	..		
Vostok	3420	-58.7	-65.3	-62.0	..	-31.7	1	..	..	..	..	..	..	..		
Casey	41	-7.4	-14.9	-11.2	..	-1.6	31	-25.3	16	..	..	..	..	..		
Mcmurdo	24	-18.7	-28.3	-23.5	..	-7.2	27	-38.3	22	..	..	..	..	..		
Ant Scott Base	16	-20.4	-34.2	-27.3	..	-8.7	28	-43.4	16	..	..	..	..	..		
Ant Arrival Heights E	185	-20.7	-28.3	-24.5	..	-10.4	28	-39.2	15	..	..	..	..	..		
Ant Scott Base EWS	16	-21.1	-33.7	-27.4	..	-9.3	28	-42.6	16	..	..	..	..	..		
Darwin Airport	31	32.3	15.0	23.7	..	34.3	4	11.5	23	0	1	..	0	19		
Hobart Airport	4	21.6	7.5	14.6	..	31.6	6	1.8	19	30	11	..	9	15		
Late returns and corrections for April 2009																
Kerikeri EWS	79	20.6	12.0	16.3	..	-0.2	23.7	29	4.6	10	179	16	+53	53	24	..
Tiri Tiri Lighthouse	76	18.9	14.7	16.8	+0.1	21.0	29	10.4	25	33	..	..	-48	..	..	..
North Shore, Auckland	20	18.4	11.1	14.8	..	20.3	28	3.1	10	..	..	..	..	..	..	..
Lincoln Rd, Auckland	25	21.9	10.1	16.0	..	..	..	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	20.2	12.4	16.3	..	..	..	..	..	..	..	..	..	..	..	..
Toenepi EWS	48	20.2	9.7	15.0	..	23.8	6	0.5	10	..	..	..	..	..	..	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	214
Pakuranga, Auckland R	15	19.7	10.1	14.9	..	22.1	6	0.8	10	..	..	..	..	..	..	..
Penrose EWS	30	21.5	12.9	17.2	..	23.8	5	5.0	10	..	..	..	..	..	..	..
Dannevirke	207	18.6	7.0	12.8	-0.2	25.3	27	0.0	11	20	9	-68	6	30	187	..
Wairoa, North Clyde E	15	19.5	8.8	14.2	-0.7	25.2	27	3.3	11	70	5	-75	40	20	..	..
Pigeon Ck	105	16.2	8.5	12.4	..	19.6	14	2.3	10	592	16	..	183	16	..	..
Orari Estate	81	17.6	5.3	11.5	+0.2	27.0	4	0.5	22	84	6	+23	31	29	..	..
Ettrick No.2	91	18.1	3.3	10.7	+0.1	26.3	26	-3.5	22	11	5	..	3	7	..	..
Stewart Is	3	15.5	7.3	11.4	+0.9	21.0	4	1.5	21	47	16	-98	9	6	..	..
Balclutha, Finegand	6	17.7	4.8	11.3	+0.4	26.0	4	-2.0	21	29	8	-17	8	6	142	..
Late returns and corrections for March 2009																
North Shore, Auckland	20	20.9	12.2	16.6	..	25.2	7	7.8	24	..	..	..	..	..	..	..
Lincoln Rd, Auckland	25	24.4	11.5	18.0	..	..	..	6.2	25	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	22.4	14.0	18.2	..	26.7	1	9.7	24	..	..	..	..	..	..	..
Thames 2	3	23.1	13.2	18.2	-0.3	27.0	3	6.0	24	20	10	-81	8	5	241	..

*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		
Pakuranga, Auckland R	15	21.8	11.4	16.6	..	25.1	1	5.6	24	..	..	..	..	..	
Penrose EWS	30	23.9	14.7	19.3	..	28.6	13	9.7	27	..	..	..	..	..	
Wairoa, North Clyde E	15	22.0	10.4	16.2	-1.2	28.4	7	3.9	12	54	12	-82	15	31	
Blackball	35	20.2	8.8	14.5	..	25.6	6	3.2	23	184	..	..	40	10	
Pigeon Ck	105	18.6	9.0	13.8	..	24.4	6	3.4	24	174	13	..	38	27	
Pitcairn Is	264	26.9	20.7	23.8	..	28.0	11	19.5	23	22	..	..	7	25	
Late returns and corrections for February 2009															
Wairoa, North Clyde E	15	25.4	14.6	20.0	+1.1	37.3	1	10.3	14	206	15	+88	92	24	
Pigeon Ck	105	20.5	11.3	15.9	..	25.3	8	7.4	18	294	16	..	135	20	
Pitcairn Is	264	26.6	20.6	23.6	..	28.0	26	..	..	17	..	..	6	15	
Late returns and corrections for January 2009															
Wairoa, North Clyde E	15	25.9	13.5	19.7	+0.6	33.2	8	8.0	29	42	7	-54	22	11	
Pigeon Ck	105	20.5	11.7	16.1	..	26.1	26	7.6	4	198	15	..	49	6	
Late returns and corrections for December 2008															
Pigeon Ck	105	18.8	10.7	14.8	..	23.5	29	4.3	6	492	21	..	184	19	
Late returns and corrections for November 2008															
Pigeon Ck	105	16.2	8.1	12.2	..	23.8	30	1.1	8	486	17	..	92	24	
Late returns and corrections for October 2008															
Pigeon Ck	105	14.4	6.4	10.4	..	..	..	..	..	..	..	..	..	..	
Late returns and corrections for September 2008															
Pigeon Ck	105	13.5	5.9	9.7	..	17.5	19	0.0	7	389	19	..	106	23	
Late returns and corrections for August 2008															
Pigeon Ck	105	10.6	3.2	6.9	..	16.9	27	-3.2	20	370	23	..	46	12	
Late returns and corrections for July 2008															
Pigeon Ck	105	10.6	2.9	6.8	..	15.4	19	-3.4	9	364	18	..	68	11	
Late returns and corrections for June 2008															
Pigeon Ck	105	10.8	2.8	6.8	..	15.7	17	-2.0	8	367	20	..	63	13	
Late returns and corrections for May 2008															
Pigeon Ck	105	13.0	3.3	8.2	..	16.6	9	-1.5	3	47	10	..	21	7	
Late returns and corrections for April 2008															
Pigeon Ck	105	16.9	7.6	12.3	..	19.8	12	0.8	21	220	13	..	37	14	
Late returns and corrections for March 2008															
Pigeon Ck	105	19.6	11.3	15.5	..	..	..	..	..	..	..	..	..	..	
Late returns and corrections for February 2008															
Pigeon Ck	105	21.1	12.1	16.6	..	24.5	20	7.1	27	354	16	..	107	10	
Late returns and corrections for January 2008															
Pigeon Ck	105	22.8	12.6	17.7	..	28.0	30	7.8	24	198	11	..	75	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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