

JULY 2008

Summary of the records of Temperature, Rainfall and Sunshine July 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			°C	°C	°C	°C				Max	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs	
Cape Reinga AWS	214	14.6	11.3	13.0	..	17.0	28	8.0	6	166	25	+33	36	25	..
Kaitaia Aero EWS	80	15.3	9.4	12.4	..	18.4	3	1.9	9	218	26	..	31	25	..
Kaitaia Observatory	85	15.2	8.5	11.9	..	17.6	2	2.0	9	253	25	+80	31	26	85
Kaitaia EWS	85	15.4	9.5	12.5	+0.6	17.8	2	2.5	9	245	25	..	30	25	95
Kerikeri EWS	79	15.7	7.6	11.7	+0.4	19.3	3	1.1	10	284	27	+109	67	29	..
Kaikohe AWS	204	14.4	8.9	11.7	+0.8	17.8	3	4.0	9	303	28	+128	69	26	..
Dargaville 2 EWS	66	15.1	9.0	12.1	..	18.9	3	1.6	10	225	24	..	43	29	102
Purerua AWS	82	15.4	9.2	12.3	..	..	..	4.2	9	169	19	..	41	29	..
Whangarei Aero AWS	37	15.7	8.1	11.9	+0.4	19.9	3	1.4	10	301	23	+139	97	26	..
Warkworth EWS	72	14.6	6.8	10.7	..	18.7	19	0.0	9	310	26	+129	94	29	..
Whangaparaoa AWS	89	14.6	9.3	12.0	..	17.5	3	5.3	6	194	24	..	54	29	..
Tiri Tiri Lighthouse	76	14.5	10.2	12.4	+0.9	..	..	..	..	..	..	..	..	..	..
Arc Kumeu EWS	16	15.2	6.4	10.8	..	18.3	19	-2.5	10	263	25	..	50	29	..
Whenuapai AWS	26	14.9	6.8	10.9	..	19.3	19	-1.3	10	..	..	..	..	..	..
North Shore, Auckland	20	16.1	7.0	11.6	..	..	..	..	..	..	..	..	..	..	..
Henderson, River Pk	7	15.2	6.7	11.0	+0.7	19.8	19	-1.4	9	306	26	+105	58	29	..
Henderson, Auckland R	35	13.8	6.8	10.3	..	18.1	19	-0.3	9	..	..	..	..	..	..
Lincoln Rd, Auckland	25	15.4	6.7	11.1	..	..	..	..	..	..	..	..	..	..	..
Khyber Pass, Auckland	81	15.0	9.5	12.3	..	19.4	19	5.0	9	245	23	..	60	29	..
Musick Pt Ews, Auckla	18	15.6	8.0	11.8	..	..	..	..	..	..	..	..	..	..	..
Auckland,Owairaka	41	14.8	7.4	11.1	+0.3	19.2	19	-0.2	10	249	26	+103	54	29	..
Onehunga, Auckland Re	5	14.7	8.6	11.7	+0.8	18.0	3	1.4	10	..	..	..	..	..	..
Whitianga Aero AWS	5	15.2	6.1	10.7	+0.4	..	..	..	..	357	28	+144	100	29	..
Thames 2	3	14.7	7.3	11.0	+0.5	18.0	12	-0.2	9	271	..	+129	..	..	98
Paeroa AWS	18	14.5	6.6	10.6	+1.1	..	..	..	..	428	24	+277	166	26	..
Toenepi EWS	48	14.3	5.6	10.0	..	18.2	19	-2.8	10	197	23	..	41	29	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	129
Tauranga Aero AWS	4	14.5	6.6	10.6	+0.6	17.0	3	-0.7	7	224	21	+95	91	29	..
Te Puke EWS	91	14.1	5.2	9.7	..	17.4	3	-1.9	7	271	21	+96	71	29	..
Whakatane Aero AWS	7	14.1	4.8	9.5	+0.5	17.0	31	-3.5	7	204	19	+75	55	29	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	140
White Island	310	13.3	9.2	11.3	..	..	..	..	..	..	..	..	..	..	..
Kawerau	42	14.8	5.0	9.9	..	..	..	..	..	..	..	..	..	..	..
Rotorua Aero 2	281	..	..	..	..	..	..	..	..	..	..	..	..	..	115
Rotorua Aero AWS	283	11.9	4.1	8.0	+0.3	14.5	19	-2.9	9	197	19	+53	48	30	..
Tarapounamu EWS	701	6.5	1.1	3.8	..	9.7	19	-4.4	7	312	22	..	80	30	..
Taupo AWS	400	11.0	3.3	7.2	+0.5	13.9	19	-3.3	8	140	21	..	34	30	..
Opotiki	5	14.7	4.4	9.6	+0.2	17.1	13	-3.0	7	234	17	+112	47	19	..
Motu EWS	488	8.0	0.8	4.4	..	12.2	13	-7.1	7	342	17	..	96	30	..
Mangere EWS	5	14.2	7.5	10.9	..	18.5	19	-0.1	10	236	23	..	57	29	113
Wiri, Auckland Region	18	14.4	7.8	11.1	+0.7	17.5	3	0.2	10	..	..	..	..	..	..
Pakuranga, Auckland R	15	16.0	5.4	10.7	..	..	..	..	..	..	..	..	..	..	..
Penrose EWS	30	16.8	8.1	12.5	..	..	..	..	..	..	..	..	..	..	..
Auckland Aero	33	14.7	8.0	11.4	+0.6	18.7	19	0.2	10	215	25	+78	48	29	..
Ardmore	23	15.7	6.0	10.9	+1.0	18.0	3	-2.5	8	244	25	+99	51	29	..
Pukekohe EWS	88	14.2	6.8	10.5	+0.4	18.0	19	0.3	7	248	25	..	49	29	..
Whatawhata 2 EWS	118	13.4	6.1	9.8	..	16.8	19	-1.2	9	336	25	..	70	29	..
Ruakura 2 EWS	45	13.6	4.5	9.1	..	17.7	19	-4.5	10	212	23	..	41	30	101
Hamilton AWS	53	13.5	4.8	9.2	+0.7	16.9	19	-3.9	9	200	26	+63	35	30	..
Port Taharoa AWS	27	14.4	7.9	11.2	+0.3	17.1	19	1.8	7	229	26	..	41	11	..
Waikeria	46	13.6	4.4	9.0	+0.6	16.8	18	-4.0	9	176	22	+40	30	30	..
Te Kuiti EWS	62	13.7	4.9	9.3	..	16.7	13	-2.3	10	263	25	..	49	30	91
Taumarunui	171	12.2	3.8	8.0	+0.5	16.0	19	-3.4	9	225	28	+73	40	19	..
Taumarunui AWS	195	12.6	3.1	7.9	..	15.7	13	-5.0	10	267	25	..	39	30	84
Turangi 2 EWS	350	11.5	3.2	7.4	..	15.8	13	-5.6	10	305	22	..	65	11	100
New Plymouth Aero	27	..	..	..	..	..	..	..	..	..	..	..	..	..	101
New Plymouth AWS	30	14.1	6.6	10.4	+0.8	16.9	2	-2.0	7	231	25	+84	41	11	..
Lower Retaruke	219	12.4	3.7	8.1	+0.9	15.5	13	-3.6	10	284	22	+127	49	11	..
Mt Ruapehu, Chateau E	1097	6.4	-0.2	3.1	+0.2	10.2	13	-6.2	8	502	25	+217	73	30	..
Alfredton EWS	240	11.9	3.8	7.9	..	15.9	11	-2.8	1	178	25	..	30	30	..
Kopua	311	11.8	4.4	8.1	+0.9	16.5	11	0.1	7	148	19	+32	46	30	..
Takapau Plains AWS	330	11.3	3.7	7.5	..	17.2	22	-1.1	6	152	20	..	44	30	..
Dannevirke	207	12.3	4.8	8.6	+0.8	17.9	11	-1.0	1	123	22	+16	25	30	82

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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		
Dannevirke EWS	207	10.7	3.2	7.0	..	16.2	11	-2.5	1	119	21	..	26	30	80
Waione EWS	48	13.4	4.7	9.1	..	18.5	3	-1.4	16	160	23	..	36	30	..
Castlepoint Station	9	13.4	7.3	10.4	..	17.4	11	2.8	2	122	16	+7	24	30	..
Castlepoint AWS	120	12.3	7.5	9.9	-0.2	16.8	11	2.2	6	126	21	..	32	30	..
Baring Head	79	11.9	7.3	9.6	..	15.6	18	3.7	6	135	22	..	26	30	..
East Taratahi AWS	91	12.5	3.3	7.9	+0.4	18.0	12	-2.1	7	141	21	..	27	23	..
Te Wharau, Brackenfie	292	11.2	3.7	7.5	..	..	..	..	..	423	25	..	127	30	..
Martinborough EWS	20	12.5	3.8	8.2	..	17.5	13	-0.9	7	147	25	..	33	5	75
Ngawi AWS	6	13.1	8.2	10.7	..	17.1	11	4.8	6	308	20	..	128	30	..
Hicks Bay AWS	46	14.8	8.1	11.5	+0.4	16.6	3	1.8	7	282	16	..	88	29	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	124
Gisborne AWS	5	14.8	5.8	10.3	+0.8	17.8	12	-0.2	2	127	15	+8	38	30	..
Napier Aero AWS	3	13.8	5.5	9.7	+0.7	19.2	12	0.1	16	140	9	+56	46	30	..
Napier Nelson Pk	2	15.2	6.0	10.6	+1.3	20.1	6	0.0	1	136	8	+45	48	26	..
Hastings AWS	16	14.1	4.3	9.2	..	19.4	3	-3.0	7	136	11	..	47	30	..
Whakatu EWS	5	14.2	3.8	9.0	..	18.7	12	-3.8	7	135	9	..	53	26	..
Waipawa EWS	130	13.0	3.6	8.3	..	18.7	3	-2.5	7	109	16	..	35	30	111
Wairoa, North Clyde E	15	14.2	5.2	9.7	+0.4	17.6	12	-0.6	7	22	19	-105	7	19	..
Mahia AWS	136	12.8	7.9	10.4	+0.5	16.9	3	4.0	6	183	17	..	40	30	..
Paraparaumu Aero	5	12.9	6.3	9.6	+1.0	16.2	18	-1.9	7	210	22	+109	40	11	94
Paraparaumu Aero AWS	5	12.7	6.0	9.4	+0.9	16.3	18	-1.8	7	196	20	..	37	11	..
Palmerston North AWS	39	13.0	4.7	8.9	+0.6	17.6	11	-1.5	10	134	24	+45	20	11	..
Palmerston North EWS	21	13.2	4.7	9.0	..	16.1	11	-2.5	7	136	22	..	21	11	78
Levin AWS	14	13.0	5.3	9.2	+0.7	15.7	18	-1.9	9	196	25	..	28	19	..
Mana Island	2	12.9	8.1	10.5	+0.4	16.0	13	2.5	7	240	24	..	51	11	..
Mana Island AWS	100	11.0	7.1	9.1	..	13.7	18	3.2	6	203	23	..	41	11	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	98
Wellington, Kelburn A	125	11.7	6.7	9.2	..	16.0	13	2.8	7	252	25	..	39	11	..
Wellington Aero	4	12.7	7.4	10.1	+0.6	15.4	21	0.4	7	193	24	+80	25	30	..
Wallaceville EWS	56	12.3	3.6	8.0	..	17.6	13	-3.3	7	326	25	+185	52	30	68
Stratford EWS	300	11.4	4.6	8.0	..	14.8	19	-1.5	10	442	24	..	98	11	79
Hawera AWS	98	12.6	5.8	9.2	..	17.1	19	-1.4	7	182	25	..	24	23	..
Ohakune EWS	607	9.3	2.6	6.0	..	13.9	19	-5.0	7	279	21	..	33	19	83
Waiouru	806	8.1	0.9	4.5	+0.2	13.0	12	-8.0	7	182	22	+76	31	30	..
Waiouru AWS	820	7.8	1.2	4.5	..	13.1	12	-9.1	7	182	26	+60	32	30	..
Taihape Rec	433	11.1	1.9	6.5	+0.3	14.9	12	..	..	95	21	+8	13	5	..
Wanganui,Spriggens Pa	15	13.8	6.5	10.2	+0.8	18.0	19	0.3	10	122	20	+34	15	20	..
Wanganui AWS	8	13.5	6.7	10.1	+0.6	17.6	19	1.1	10	140	23	..	18	11	..
Wanganui 2 AWS	18	14.2	6.4	10.3	..	..	..	..	..	..	..	..	..	..	..
Takaka,Kotinga 2	25	13.5	3.4	8.5	+0.9	17.6	22	-2.0	7	352	21	+157	119	10	..
Takaka EWS	20	13.7	3.7	8.7	..	17.8	22	-1.8	7	355	18	..	111	10	113
Farewell Spit AWS	3	13.4	7.7	10.6	+1.1	..	..	..	..	..	..	..	..	..	..
Arapito	18	13.0	3.5	8.3	-0.2	16.6	19	-1.4	6	286	19	+72	61	4	101
Arapito EWS	18	12.8	3.3	8.1	..	16.5	19	-1.8	6	269	21	..	56	4	..
Murchison EWS	185	8.1	0.2	4.2	..	13.3	13	-4.1	26	185	21	+34	28	22	..
Lake Rotoiti EWS	634	8.3	-0.8	3.8	..	11.6	15	-7.4	8	199	21	..	35	22	..
Hokitika Aero	39	12.3	3.9	8.1	+0.6	18.7	21	-2.2	6	313	17	+81	36	11	97
Hokitika AWS	38	12.0	3.8	7.9	+0.4	14.1	19	-2.5	6	267	16	..	27	10	..
Reefton EWS	198	9.9	0.9	5.4	+0.3	13.8	19	-5.4	8	257	19	+70	44	20	77
Greymouth Aero	4	12.3	4.3	8.3	+0.2	15.1	19	-1.5	6	348	15	+139	73	11	101
Greymouth Aero EWS	5	11.9	4.6	8.3	..	14.4	19	-1.4	6	330	16	..	69	11	119
Okarito	2	12.6	3.4	8.0	..	16.1	31	-2.2	6	240	16	+14	42	19	..
Franz Josef EWS	80	11.8	2.2	7.0	..	15.9	30	-2.8	26	359	17	..	85	2	112
Haast AWS	5	12.5	5.1	8.8	+1.2	16.4	23	-2.7	5	215	20	..	48	2	..
Milford Sound	3	10.9	2.8	6.9	+1.7	16.9	30	-1.5	26	281	17	-144	83	11	..
Milford Sound AWS	3	10.7	2.4	6.6	..	17.3	31	-1.8	26	232	18	..	64	11	..
Secretary Island AWS	19	12.7	6.8	9.8	..	17.0	30	1.3	5	247	15	..	28	13	..
Puysegur Point AWS	44	10.8	6.1	8.5	+0.5	15.9	11	..	..	144	18	-38	26	2	..
Motueka, Riwaka EWS	8	12.5	2.0	7.3	+0.3	..	..	..	..	206	17	+55	45	18	..
Maud Island	15	12.8	1.6	7.2	..	17.0	19	..	..	266	..	..	..	..	..
Pelorus Sd, Crail Bay	13	12.4	6.1	9.3	+0.3	15.5	21	..	..	347	..	+181	..	..	..
Nelson Aero	2	13.0	3.1	8.1	+1.2	16.4	13	-2.8	8	166	17	+82	41	10	122
Appleby 2 EWS	18	13.2	1.9	7.6	..	16.2	13	-4.1	8	131	16	..	27	10	127

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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		
Nelson AWS	4	13.0	3.2	8.1	+0.7	16.1	13	-2.7	8	137	18	..	32	10	..
Blenheim Research EWS	4	13.2	2.8	8.0	+0.4	17.5	13	-2.1	8	153	17	+80	61	30	132
Blenheim Aero AWS	35	12.7	1.6	7.2	+0.1	17.0	2	-4.7	8	188	14	+108	70	30	..
Brothers Island AWS	68	12.5	8.8	10.7	..	16.9	21	5.3	6	114	24	..	24	30	..
Awatere Valley, Dashw	83	12.3	2.1	7.2	..	17.3	13	-3.1	10	132	16	..	70	30	..
Grassmere Salt Works	2	9.7	1.6	5.7	-2.4	13.4	13	-3.9	1	172	17	+101	127	30	..
Cape Campbell AWS	2	11.4	7.2	9.3	..	14.6	13	4.0	1	113	18	..	76	30	..
Boyle River Lodge	600	7.4	-1.8	2.8	..	13.0	..	-7.8	8	240	..	..	65	30	..
Hanmer Forest EWS	363	9.7	-1.8	4.0	-0.2	18.5	11	-8.9	10	284	22	+170	121	30	..
Kaikoura AWS	105	10.9	5.7	8.3	+0.2	22.0	11	2.6	5	208	14	+120	144	30	..
Arthurs Pass	738	5.7	-1.5	2.1	+0.3	10.4	16	-8.5	8	414	18	+100	142	11	..
Arthurs Pass EWS	738	5.6	-1.7	2.0	..	10.5	16	-8.6	8	410	21	..	136	11	..
Mt Cook EWS	765	5.7	-1.6	2.1	-0.1	12.4	2	-6.6	26	372	22	+93	115	11	41
Snowdon EWS	560	8.2	0.2	4.2	..	15.2	11	-4.6	10	253	22	..	107	30	..
Winchmore EWS	160	10.4	1.9	6.2	+0.7	17.0	11	-4.2	1	182	20	+117	53	30	..
Peel Forest	286	9.5	-0.3	4.6	-0.3	17.1	11	-5.4	1	168	15	+107	52	30	..
Ashburton Council	101	10.5	1.6	6.1	+0.4	17.5	11	-3.2	1	167	23	+106	46	30	..
Ashburton Aero AWS	89	10.1	1.4	5.8	..	17.0	11	-4.4	1	161	25	..	48	30	106
Waipara West EWS	130	11.4	2.6	7.0	..	18.8	11	-1.4	1	160	14	..	87	30	114
Rangiora EWS	23	11.3	2.6	7.0	+1.1	18.5	11	-4.2	1	191	20	..	108	30	102
Darfield	195	10.0	2.3	6.2	+0.4	17.8	11	-2.0	1	171	22	+95	48	30	..
Darfield EWS	190	10.6	2.5	6.6	..	..	..	..	..	148	18	..	46	30	..
Christchurch Aero	37	10.6	2.3	6.5	+0.7	18.3	11	-4.4	1	165	22	+93	52	30	97
Christchurch Gardens	7	11.1	3.1	7.1	+0.5	17.3	2	-2.1	1	157	21	+78	35	30	..
Christchurch, Kyle St	6	11.4	3.3	7.4	..	17.5	14	..	..	161	19	..	38	30	..
Lincoln, Broadfield E	18	10.8	2.7	6.8	+0.6	17.3	11	-2.9	1	149	20	..	35	5	..
Sugar Loaf AWS	618	8.4	3.1	5.8	..	..	..	..	..	..	..	..	..	..	..
Lyttelton Harbour	5	11.3	5.6	8.5	..	..	..	..	..	..	..	..	..	..	..
Le Bons Bay AWS	236	9.7	5.0	7.4	+0.0	..	..	..	..	125	22	..	20	31	..
Lake Tekapo, Air Safa	762	5.4	-2.0	1.7	+0.0	11.3	2	-6.8	5	115	18	+63	30	31	..
Lake Tekapo EWS	762	5.6	-2.1	1.8	..	11.1	2	-7.1	5	99	19	..	21	2	94
Woodbury	195	10.8	-0.1	5.4	..	..	..	..	..	..	..	..	..	..	..
Orari Estate	81	10.4	0.5	5.5	+0.4	16.5	14	-5.2	1	125	15	+67	48	30	..
Timaru Aero AWS	26	10.4	0.4	5.4	+0.3	..	..	..	..	116	13	+72	42	30	..
Timaru 2	17	10.4	2.0	6.2	+0.4	16.4	14	-4.6	1	116	15	+72	41	31	94
Timaru EWS	17	10.4	2.1	6.3	..	16.4	14	-3.2	1	112	15	..	39	31	..
Waimate	64	10.6	1.3	6.0	-0.1	16.1	12	-4.0	10	125	12	+72	43	31	..
Oamaru Airport AWS	30	9.6	1.6	5.6	..	..	..	..	..	107	14	..	42	31	..
Albert Burn	1280	3.8	-3.2	0.3	..	9.0	15	-12.4	26	121	17	..	24	11	..
Tara Hills AWS	488	6.2	-1.5	2.4	+0.5	11.9	21	-6.2	1	74	17	+33	26	2	..
Wanaka Aero AWS	352	7.7	0.1	3.9	..	13.3	2	-4.2	26	52	15	..	15	2	..
St Bathans, Post Offi	585	8.3	-0.1	4.1	..	..	..	..	..	..	..	..	..	..	..
Naseby Forest 2	607	7.8	-1.7	3.1	+0.8	..	..	-6.3	1	72	..	+41	18	31	..
Windsor EWS	81	10.0	0.5	5.3	..	14.9	11	-4.2	1	109	11	..	40	31	..
Ranfurly EWS	450	6.9	-1.7	2.6	..	14.6	11	-6.2	1	40	15	..	8	23	..
Oamaru AWS	40	10.1	2.5	6.3	..	14.6	21	-1.7	1	122	20	..	47	31	..
Palmerston	21	10.1	0.5	5.3	+0.0	17.9	11	-6.0	1	163	20	+104	65	31	63
Middlemarch EWS	213	8.1	-1.7	3.2	..	16.2	11	-7.6	1	43	11	..	12	30	79
Swampy Summit AWS	722	5.2	0.6	2.9	..	12.6	11	-3.0	5	..	..	..	..	..	..
Dunedin Aero AWS	1	10.2	0.3	5.3	+0.2	18.8	11	-6.1	1	123	17	+74	40	31	..
Dunedin, Musselburgh	4	9.9	4.0	7.0	+0.4	16.8	11	0.1	1	144	18	+77	55	31	80
Manapouri, West Arm J	178	5.9	1.4	3.7	..	9.3	31	-2.8	9	201	20	..	45	11	..
Manapouri Aero AWS	209	7.6	0.7	4.2	..	13.1	11	-6.0	26	72	21	..	20	2	..
Queenstown	329	9.1	1.0	5.1	+1.0	13.0	21	-3.7	26	55	16	-10	26	11	63
Queenstown Aero AWS	354	8.4	-1.0	3.7	+0.6	13.1	11	-5.7	10	49	17	-6	19	11	..
Lumsden AWS	187	7.8	-0.4	3.7	-0.3	13.8	11	-4.4	10	65	22	..	10	5	..
Cromwell EWS	213	9.0	0.3	4.7	..	14.1	2	-4.3	26	28	8	..	11	11	88
Lauder EWS	375	6.9	-1.4	2.8	..	15.1	11	-5.6	1	26	12	..	6	31	..
Ophir 2	305	7.1	-2.9	2.1	..	15.0	11	-7.5	1	31	10	..	10	11	..
Alexandra	150	8.6	-2.1	3.3	..	14.0	12	-6.9	10	27	12	..	11	11	68
Clyde EWS	171	8.2	-1.6	3.3	+0.5	13.6	11	-5.6	1	29	9	..	13	11	..
Ettrick No.2	91	9.4	-0.9	4.3	+0.0	14.8	11	-4.5	4	36	13	..	9	31	..
Winton	44	10.1	1.6	5.9	+0.6	16.0	11	-1.5	26	46	17	-22	11	20	85

Summary of the records of Temperature, Rainfall and Sunshine July 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		
Base Jubany	4	-1.1	-5.4	-3.3	..	6.2	27	..	..	..	..	..	..	..
Dinamet	10	-2.2	-5.0	-3.6	..	1.6	27	-10.8	20	..	..	..	..	..
V C Marambio	198	-9.5	-16.9	-13.2	..	2.5	21	..	..	..	..	..	..	..
Eduardo Frei	10	-2.1	-5.7	-3.9	..	0.3	28	-16.4	6	26	9	..	15	4	
Arturo Prat		-1.5	-5.5	-3.5	..	..	..	-9.7	5	..	..	..	..	..
Bernado Ohiggins	10	-5.5	-9.2	-7.4	..	0.2	27	-16.4	10	..	..	..	..	..
Rothera Point	16	-5.4	-11.1	-8.3	..	1.4	25	-17.8	8	..	..	..	..	..
Argentine Is, Faraday	11	-3.1	-6.3	-4.7	..	3.0	25	-10.8	10	..	..	..	..	..
Gen San Martin	4	-6.4	..	..	..	5.6	28	..	..	..	..	..	..	..
King Sejong	11	-1.3	-4.7	-3.0	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-13.5	-18.1	-15.8	..	..	..	..	..	..	..	..	..	..
Mawson	16	-12.9	-18.9	-15.9	..	..	..	-27.8	10	..	..	..	..	..
Davis	13	-12.7	-19.7	-16.2	..	-2.0	12	-28.1	26	..	..	..	..	..
Vostok	3420	-62.5	-67.4	-65.0	..	..	..	..	..	..	..	..	..	..
Casey	41	-8.6	-16.0	-12.3	..	-2.3	9	-28.4	4	..	..	..	..	..
Durmout Durville	43	-16.3	-22.1	-19.2	..	..	..	-34.5	29	..	..	..	..	..
Mcmurdo	24	-21.7	-30.9	-26.3	..	-9.4	28	-39.2	24	..	..	..	..	..
Ant Scott Base	16	-23.0	-37.1	-30.1	..	-10.7	28	-47.9	24	..	..	..	..	..
Ant Arrival Heights E	185	-24.1	-31.8	-28.0	..	-12.3	28	-40.6	11	..	..	..	..	..
Ant Scott Base EWS	16	-23.8	-36.7	-30.3	..	-11.2	28	-48.0	24	..	..	..	..	..
Darwin Airport	31	31.2	18.1	24.7	..	33.5	16	12.5	27	0	0	..	0	1	
Hobart Airport	4	11.9	3.3	7.6	..	16.3	7	-0.3	25	34	17	..	10	1	

Late returns and corrections for June 2008

Musick Pt Ews, Auckla	18	16.6	9.0	12.8	..	18.4	15	4.8	25	..	..	..	..	..
Whakamarama 1	392	12.0	6.5	9.3	+0.3	15.5	10	2.6	25	315	19	+73	60	16	104
Tauranga Aero		..	..	..	..	..	..	..	..	..	..	..	..	..	103
Rotorua Aero 2	281	..	..	..	..	..	..	..	..	..	..	..	..	..	117
Opotiki	5	15.8	4.4	10.1	+0.1	19.2	15	-1.5	9	91	14	-43	34	22	..
Te Kuiti EWS	62	14.6	5.1	9.9	..	..	..	..	..	89	19	..	25	16	..
Mt Ruapehu, Chateau E	1097	8.0	0.6	4.3	+0.9	14.6	20	-4.1	5	289	20	+43	47	25	..
Napier Nelson Pk	2	15.7	5.0	10.4	+0.7	20.0	13	0.5	5	74	8	-7	21	16	164
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	..
Hokitika Aero	39	13.0	4.3	8.7	+0.7	17.5	17	-1.5	8	255	17	+23	39	25	98
Blackball	35	11.4	2.8	7.1	..	16.0	15	..	..	548	..	..	94	24	..
Franz Josef	155	12.5	4.8	8.7	+1.2	17.0	..	-0.1	8	393	..	+23	139	13	..
Maud Island	15	13.9	8.4	11.2	..	17.7	15	3.8	8	68	12	..	16	22	..
Appleby 2 EWS	18	14.5	0.6	7.6	..	20.7	16	-5.7	19	56	9	..	20	22	168
Grassmere Salt Works	2	11.9	3.2	7.6	-1.0	22.4	9	-3.4	20	32	10	-27	11	28	..
Culverden	178	13.0	0.1	6.6	..	..	..	..	..	91	10	+34	35	28	..
Cheviot EWS	75	12.7	0.5	6.6	..	22.5	15	-6.4	20	100	11	..	55	28	148
Christchurch Gardens	7	12.5	2.0	7.3	+0.4	18.5	15	-5.2	11	89	13	+23	48	28	..
Windsor EWS	81	12.6	1.1	6.9	..	19.7	12	-3.5	22	13	9	..	4	28	..
Middlemarch EWS	213	10.5	-0.1	5.2	..	17.0	12	-5.5	19	10	12	..	3	28	111
Lauder EWS	375	10.4	-0.1	5.2	..	16.3	12	-5.1	8	25	15	..	9	8	..
Invercargill Aero 2 E		..	..	..	..	..	..	..	..	99	21	..	15	6	89
Balclutha, Finegand	6	11.1	2.7	6.9	+1.2	15.5	..	..	..	53	..	-9	..	..	82
Samoa, Pago Pago Aero	3	29.4	25.0	27.2	..	..	..	..	..	..	..	..	..	..	..

Late returns and corrections for May 2008

Musick Pt Ews, Auckla	18	17.8	9.3	13.6	..	19.7	2	5.7	13	..	..	..	..	..	..
Blackball	35	13.5	1.2	7.4	..	19.0	10	-4.0	28	44	7	..	20	7	..
Milford Sound	3	11.5	3.3	7.4	-0.9	14.8	18	-0.3	5	172	14	-464	68	8	..
Grassmere Salt Works	2	11.9	3.3	7.6	-3.5	15.1	8	-1.8	31	13	6	-38	6	9	..
Alexandra	150	10.3	-0.9	4.7	..	17.6	14	-6.3	6	35	12	..	12	21	80
Pitcairn Is	264	23.7	19.2	21.5	..	26.0	1	..	..	99	..	..	30	5	166

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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