

JUNE 2012

Summary of the records of Temperature, Rainfall and Sunshine June 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	15.4	11.1	13.3	-0.2	17.8	1	7.9	14	62	15	-41	12	20	..
Kaitaia Aero EWS	80	16.1	8.7	12.4	-0.4	18.2	3	1.9	17	69	18	-56	13	6	..
Kaitaia Observatory	85	16.0	8.3	12.2	..	18.8	4	2.1	17	75	20	-76	11	20	153
Kaitaia EWS	85	15.9	8.5	12.2	-0.6	19.0	4	2.2	17	72	20	-93	12	20	162
Kerikeri EWS	79	16.9	6.9	11.9	-0.2	19.3	3	0.9	17	66	14	-111	32	5	..
Kerikeri Aerodrome Aw	150	15.9	6.9	11.4	-0.4	18.3	6	1.9	17	57	22	-128	19	5	..
Kaikohe AWS	204	15.8	9.2	12.5	+0.7	18.4	4	4.2	17	49	19	-103	9	23	..
Trounson Cws	220	14.0	6.5	10.3	..	17.8	6	0.4	17	105	26	-124	12	6	..
Dargaville 2 EWS	66	15.4	8.5	12.0	-0.1	19.4	6	2.1	14	56	19	-55	10	6	142
Purerua AWS	82	16.3	8.8	12.6	..	18.3	6	4.8	14	20	11	..	9	18	..
Whangarei Aero AWS	37	16.4	8.3	12.4	+0.0	20.4	6	2.7	17	25	14	-107	5	23	..
Mokohinau AWS	60	15.4	12.2	13.8	-0.2	..	..	..	..	..	..	..	..	..	..
Leigh 2	27	17.4	9.9	13.7	+0.3	20.2	4	5.3	17	43	18	-74	10	5	..
Warkworth EWS	72	15.2	6.4	10.8	-0.4	19.6	6	-0.7	17	67	17	-88	14	26	..
Whangaparaoa AWS	89	14.9	9.5	12.2	-0.4	18.1	6	5.8	30	48	19	-71	8	18	..
Whenuapai AWS	26	15.3	6.6	11.0	-0.2	19.9	6	-1.2	17	..	..	..	..	..	..
North Shore, Auckland	20	15.5	8.3	11.9	-0.7	19.5	6	2.3	17	..	..	..	..	..	..
Auckland, North Shore	64	14.9	5.8	10.4	..	19.0	6	-0.9	17	64	15	..	11	6	149
Auckland, Henderson,	7	16.0	6.3	11.2	+0.0	20.0	6	-2.1	17	88	18	-65	17	6	..
Musick Pt Ews, Auckla	18	16.0	8.2	12.1	-0.2	18.9	6	2.2	30	..	..	..	..	..	..
Waiheke Island, Awaro	34	15.7	6.1	10.9	..	19.3	6	-1.6	17	61	13	-71	9	5	..
Whitianga Aero AWS	5	15.4	5.6	10.5	-0.6	19.8	6	-2.8	17	91	24	-114	22	5	..
Thames 2	3	15.2	6.1	10.7	-0.4	20.9	6	-1.0	30	44	..	-76	14	6	..
Paeroa AWS	18	15.0	5.3	10.2	-0.3	20.4	6	-3.3	17	59	20	-65	11	26	..
Toenepi EWS	48	14.9	4.1	9.5	-0.5	19.0	6	-3.3	30	35	12	..	9	6	..
Matamata, Hinuera EWS	106	13.9	2.4	8.2	-0.6	18.0	6	-5.3	17	..	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	113
Tauranga Aero AWS	4	15.4	5.9	10.7	-0.3	19.2	6	0.1	13	36	10	-79	8	5	..
Te Puke EWS	91	15.0	4.2	9.6	-0.4	17.5	6	-1.7	30	64	12	-105	27	5	..
Whakatane Aero AWS	7	15.0	3.4	9.2	-0.3	17.9	6	-2.0	13	36	11	-93	11	5	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	161
White Island AWS	310	12.9	8.4	10.7	..	..	..	5.2	13	48	11	..	10	21	..
Mamaku Radar Wxt AWS	617	9.1	4.4	6.8	..	13.9	6	0.0	17	..	..	..	..	..	..
Kawerau AWS	42	15.4	3.6	9.5	..	18.4	6	-2.2	13	..	..	..	..	..	156
Rotorua Aero AWS	283	12.3	2.9	7.6	-0.9	16.4	6	-3.6	30	36	8	-97	16	5	..
Galatea AWS	174	12.6	1.4	7.0	..	16.1	6	-5.0	30	..	..	..	..	..	..
Taupo Wxt AWS	385	11.8	3.7	7.8	..	16.5	6	-1.9	30	..	..	..	..	..	..
Tarapounamu EWS	701	9.8	1.8	5.8	..	14.4	10	-2.2	13	132	13	..	36	6	..
Taupo AWS	400	11.5	2.3	6.9	-0.5	15.9	6	-5.1	17	80	13	-13	22	18	..
Opotiki	5	15.6	3.4	9.5	-0.6	18.0	4	-1.6	18	92	13	-58	28	20	..
Otamatuna, Te Mapou H	624	9.6	2.3	6.0	..	12.8	4	-2.7	13	102	12	..	29	18	..
Auckland, Mangere EWS	5	14.9	7.6	11.3	-0.5	18.7	6	0.3	17	64	21	-55	11	6	140
Pakuranga, Auckland R	15	16.5	6.0	11.3	-0.3	20.1	6	-2.3	17	..	..	..	..	..	..
Penrose Ews, Auckland	30	15.6	6.7	11.2	-0.9	..	..	..	..	..	..	..	..	..	..
Auckland Aero	33	15.3	8.3	11.8	+0.0	19.6	6	1.4	17	88	20	-20	17	6	..
Auckland, Ardmore	23	15.8	4.7	10.3	-0.5	19.5	6	-3.5	17	104	17	-25	21	6	..
Pukekohe EWS	88	14.8	6.8	10.8	-0.3	18.6	6	-0.8	17	126	20	-15	32	6	..
Firth Of Thames EWS	1	16.7	3.8	10.3	..	19.7	3	-4.6	17	36	16	..	9	6	..
Whatawhata 2 EWS	118	14.0	5.7	9.9	-0.1	16.8	6	-1.6	13	..	..	..	..	..	..
Hamilton, Ruakura 2 E	45	12.9	2.5	7.7	-1.9	16.8	6	-4.5	30	94	18	-22	27	18	140
Hamilton AWS	53	14.1	3.6	8.9	-0.5	18.1	6	-3.6	30	92	17	-34	30	18	..
Lake Karapiro Cws	55	14.0	4.9	9.5	..	18.0	6	-1.3	30	66	14	..	20	18	..
Port Taharoa AWS	27	15.4	8.6	12.0	+0.1	18.8	6	1.9	13	107	20	..	32	18	..
Waikeria 2	46	14.2	3.2	8.7	-0.5	18.9	6	-3.9	30	69	12	-45	29	18	..
Te Kuiti EWS	62	13.5	2.9	8.2	-1.1	17.3	6	-3.6	30	102	17	-47	28	18	127
Pureora Forest Cws	549	9.8	1.7	5.8	..	14.2	6	-4.9	30	113	16	..	38	18	..
Taumarunui	171	12.7	2.4	7.6	-0.5	16.7	6	-3.6	13	134	..	-9	29	18	..
Taumarunui AWS	195	12.5	1.2	6.9	..	16.6	6	-5.5	13	130	22	..	27	18	124
Turangi 2 EWS	350	12.1	2.1	7.1	-0.3	15.4	6	-4.7	2	117	13	-38	46	18	143
New Plymouth AWS	30	13.9	6.1	10.0	-0.6	17.9	6	-0.9	13	113	23	-35	18	21	137
Lower Retaruke Cws	233	12.6	3.2	7.9	..	16.8	6	-3.3	13	127	19	-14	25	18	..
Mt Ruapehu, Chateau E	1097	5.8	-1.3	2.3	-1.3	12.0	2	-7.8	30	305	19	+47	45	19	..
Pahiatua EWS	110	11.9	3.4	7.7	..	17.1	19	-3.3	17	82	20	..	17	6	..

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		A Max	B Min			°C	°C	Max	Date				Min	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Masterton Aero AWS	138	12.5	2.0	7.3	..	17.2	2	-2.9	17	73	23	..	17	6	..
Kopua	311	12.2	3.7	8.0	-0.1	18.7	6	-1.5	18	56	16	-42	10	15	..
Takapau Plains AWS	330	11.0	3.1	7.1	-0.7	17.6	6	-3.1	18	57	23	..	8	11	..
Dannevirke	207	11.9	4.1	8.0	-0.5	17.0	5	..	..	92	16	-7	19	20	109
Dannevirke EWS	207	11.1	3.4	7.3	..	16.1	5	-2.5	13	94	16	..	21	20	100
Waione EWS	48	12.5	3.3	7.9	-1.2	17.0	5	-3.6	18	56	23	-48	11	15	..
Cape Turnagain AWS	292	10.4	6.4	8.4	..	15.8	5	2.7	13	..	..	..	..	..	..
Akitio EWS	245	11.2	5.3	8.3	..	16.0	19	1.9	13	64	17	..	15	6	133
Castlepoint Station	9	13.3	6.2	9.8	-1.2	17.9	..	2.3	8	93	..	-16	..	..	..
Castlepoint AWS	120	12.0	6.7	9.4	-1.3	16.6	19	3.5	13	93	17	-16	21	20	..
Baring Head	79	11.6	6.5	9.1	..	16.3	5	2.5	13	65	15	..	24	6	..
Te Wharau, Brackenfie	292	11.6	3.1	7.4	..	14.5	2	-1.2	8	110	15	..	17	15	..
Martinborough EWS	20	12.4	2.6	7.5	-1.1	16.0	5	-1.8	17	93	19	..	26	6	90
Ngawi AWS	6	12.9	7.6	10.3	-1.0	17.3	5	4.6	13	97	20	..	37	6	..
Hicks Bay AWS	46	15.1	8.2	11.7	-0.2	18.8	6	2.3	17	121	12	-52	32	18	..
Gisborne AWS	5	14.8	5.3	10.1	-0.3	21.0	6	0.7	18	49	14	-56	14	16	151
Tolaga Bay Wxt AWS	12	14.4	6.2	10.3	..	18.9	6	0.2	18	..	..	..	..	..	..
Napier Aero AWS	3	15.2	4.2	9.7	+0.0	20.8	6	-2.6	18	13	8	-77	8	6	..
Napier Nelson Pk	2	14.9	4.2	9.6	-0.4	20.2	6	-1.6	18	21	8	-61	12	6	173
Hastings AWS	16	14.6	2.1	8.4	..	20.0	6	-2.0	18	14	16	..	5	6	..
Whakatu EWS	5	15.1	1.3	8.2	-0.6	20.9	20	-2.8	3	13	7	..	8	6	..
Waipawa EWS	130	12.9	1.3	7.1	..	16.8	6	-3.4	2	26	12	..	6	15	153
Wairoa, North Clyde E	15	15.4	5.2	10.3	+0.3	22.0	6	0.7	18	42	14	-81	11	3	..
Mahia Radar Wxt AWS	419	10.7	6.7	8.7	..	16.8	6	2.8	13	..	..	..	..	..	..
Mahia AWS	136	13.1	7.6	10.4	-0.4	19.6	6	4.5	13	94	20	-43	16	15	..
Cape Kidnappers Wxt A	118	12.9	8.0	10.5	..	17.2	6	3.5	13	..	..	..	..	..	..
Paraparaumu Aero	5	13.2	5.5	9.4	-0.3	17.0	5	-1.7	13	118	14	+9	28	23	125
Paraparaumu Aero AWS	5	13.0	5.1	9.1	-0.5	16.9	5	-1.7	13	113	14	-2	25	23	130
Ohakea AWS	50	13.0	5.6	9.3	..	16.3	19	-0.9	17	..	..	..	..	..	..
Palmerston North AWS	39	13.1	4.2	8.7	-0.4	16.9	19	-3.9	17	75	19	-17	16	6	..
Palmerston North EWS	21	12.8	4.0	8.4	-0.9	17.0	19	-3.3	17	93	20	-4	24	6	108
Levin AWS	14	13.1	4.5	8.8	-0.5	16.3	4	-2.4	30	99	19	-7	15	6	..
Mana Island	2	12.8	6.6	9.7	-1.2	15.8	5	1.7	17	109	18	+9	25	6	..
Mana Island AWS	100	11.4	7.0	9.2	..	14.8	5	3.6	17	109	12	..	25	6	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	105
Wellington, Kelburn A	125	11.5	6.2	8.9	-0.8	15.4	5	2.3	13	144	19	+6	37	6	..
Wellington Aero	4	12.6	6.8	9.7	-0.8	16.9	5	2.6	13	101	18	+1	25	6	..
Wallaceville EWS	56	11.9	2.3	7.1	-1.6	16.0	5	-3.0	28	152	20	+18	28	5	87
Stratford EWS	300	11.8	4.8	8.3	-0.1	15.8	6	-1.0	13	185	23	-11	35	5	113
Hawera AWS	98	12.9	5.8	9.4	-0.1	18.7	6	-0.7	13	92	25	-28	18	19	..
Ohakune EWS	607	9.8	3.0	6.4	+0.1	14.1	6	-3.1	2	126	21	-18	27	26	98
Waiouru Treatment Pla	806	8.1	0.7	4.4	-0.6	19.5	6	-5.0	13	95	22	-10	23	26	..
Taihape Rec	433	11.2	0.9	6.1	-0.8	17.6	6	-4.6	17	78	19	-9	29	26	..
Flat Hills Wxt AWS	263	11.4	4.1	7.8	..	17.8	6	-2.6	17	..	..	..	..	..	..
Wanganui,Spriggens Pa	15	13.8	6.6	10.2	-0.2	17.0	6	0.3	17	71	17	-18	11	6	..
Wanganui AWS	8	13.6	6.8	10.2	-0.2	16.6	6	0.7	17	71	17	-20	11	6	..
Wanganui 2 AWS	18	14.1	6.1	10.1	..	16.9	4	-0.7	17	..	..	..	..	..	..
Takaka EWS	20	14.5	2.7	8.6	+0.2	18.3	3	-1.3	13	305	15	+102	92	5	143
Farewell Spit AWS	3	13.9	7.3	10.6	+0.1	16.2	23	4.8	16	200	15	+52	86	6	..
Westport Aero AWS	2	13.5	5.4	9.5	+0.2	..	..	..	..	263	19	+33	42	5	..
Arapito	18	12.9	4.4	8.7	-0.4	16.9	5	0.5	16	266	20	+48	41	25	98
Arapito EWS	18	12.4	3.7	8.1	..	16.0	5	-0.4	16	238	20	..	38	25	..
Murchison EWS	185	8.7	0.9	4.8	-1.3	12.6	11	-4.8	17	237	18	..	97	5	..
Lake Rotoiti EWS	634	7.9	-1.5	3.2	-0.9	12.2	1	-7.9	30	159	23	+15	32	5	..
Hokitika Aero	39	11.7	3.0	7.4	-0.8	14.7	1	-2.3	29	301	20	+27	98	5	102
Hokitika AWS	38	11.9	3.0	7.5	-0.7	15.0	1	-2.4	29	261	21	-6	80	5	..
Reefton EWS	198	9.2	1.3	5.3	-0.6	..	..	..	..	300	20	+100	95	5	76
Greymouth Aero	4	12.5	4.8	8.7	-0.1	15.2	5	-0.1	16	349	21	+111	147	5	93
Greymouth Aero EWS	5	11.5	4.5	8.0	..	14.9	5	-0.4	16	360	21	..	151	5	102
Pigeon Creek Cws	105	10.3	1.7	6.0	..	14.0	3	-3.0	30	300	19	..	71	23	..
Mt Philistine EWS	1655	0.7	-5.2	-2.3	..	9.7	1	-10.8	27	231	20	..	130	23	..
Ivory Glacier Cws	1390	2.1	-2.9	-0.4	..	6.1	1	-8.8	27	417	19	..	143	23	..
Okarito	2	12.2	3.8	8.0	-0.1	15.1	19	-1.5	30	208	18	-54	30	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		
Franz Josef	155	12.3	..	..	..	16.0	3	..	..	275	18	-176	58	23	..
Franz Josef EWS	80	11.8	2.0	6.9	-0.5	17.2	19	-2.2	30	257	17	..	40	25	137
Haast AWS	5	12.0	3.8	7.9	-0.2	14.7	18	-1.3	27	236	15	..	39	22	..
Milford Sound	3	9.7	1.8	5.8	-0.1	16.0	22	-1.5	30	435	15	-52	128	22	..
Milford Sound AWS	3	9.0	1.5	5.3	-0.3	15.1	22	..	..	459	20	..	146	22	..
Secretary Island AWS	19	11.6	6.0	8.8	-0.6	15.6	20	2.9	6	245	21	-69	33	25	..
Puysegur Point AWS	44	10.3	5.9	8.1	-0.5	15.5	22	2.3	30	201	24	-10	28	2	..
Stephens Island	187	12.0	7.6	9.8	-0.3	14.9	5	2.2	15	73	14	..	15	20	..
Motueka, Riwaka EWS	8	14.2	0.5	7.4	-0.2	18.7	11	-4.5	30	216	16	+75	58	6	..
Nelson Aero	2	13.0	2.5	7.8	-0.1	16.5	6	-1.9	30	175	12	+83	66	18	159
Appleby 2 EWS	18	13.4	0.6	7.0	-1.1	16.6	11	-5.2	30	241	12	..	87	18	155
Nelson AWS	4	13.2	2.8	8.0	-0.1	16.1	6	-1.5	30	172	15	..	52	18	..
Blenheim Research EWS	4	13.3	2.2	7.8	-0.7	17.9	3	-2.3	17	80	9	+17	29	19	174
Wairau Valley, Mill R	172	11.6	0.9	6.3	..	16.3	2	-4.7	30	280	14	..	118	5	..
Blenheim Aero AWS	35	12.6	0.8	6.7	-1.0	17.4	3	-5.3	30	109	10	+37	29	5	..
Brothers Island AWS	68	12.8	8.6	10.7	-0.4	16.8	11	5.3	7	107	14	..	22	6	..
Awatere Valley, Dashw	83	12.0	1.0	6.5	-1.6	16.7	3	-4.4	17	72	8	..	24	5	..
Grassmere Salt Works	2	12.9	4.4	8.7	-0.4	17.9	3	-1.4	17	79	9	+18	35	5	..
Cape Campbell AWS	2	11.9	6.7	9.3	-0.9	17.1	3	3.8	7	58	10	-7	21	6	..
Hanmer Forest EWS	363	9.6	-3.3	3.2	-1.8	17.0	23	-7.8	8	134	19	+35	36	8	..
Kaikoura AWS	105	11.4	5.1	8.3	-0.8	19.7	23	1.0	7	46	12	-29	18	6	..
Arthurs Pass	738	5.2	-2.3	1.5	-1.4	10.6	3	-11.5	7	313	..	-88	120	23	..
Arthurs Pass EWS	738	5.3	-2.0	1.7	-1.1	10.4	3	-11.2	7	309	18	-64	114	23	..
Culverden AWS	181	10.7	-0.8	5.0	..	18.7	23	-10.2	8	..	..	..	..	..	..
Waipara North Branch	560	9.3	-0.1	4.6	..	15.9	1	-7.5	7	90	14	..	28	7	..
Waiiau School Cws	136	11.0	-0.4	5.3	..	20.6	23	-8.2	8	82	13	..	29	8	..
Cheviot EWS	75	11.7	0.1	5.9	..	20.7	23	-5.1	8	63	13	..	24	5	126
Upper Rakaia EWS	1752	2.1	-4.9	-1.4	..	12.3	1	-10.5	15	107	20	..	31	23	..
Mt Potts EWS	2128	-0.6	-6.7	-3.7	..	7.4	30	-12.8	15	3	10	..	1	7	..
Mt Cook EWS	765	7.9	-2.8	2.6	-0.7	16.5	2	-7.7	7	299	17	-23	100	23	90
Craigieburn Forest	914	7.3	-3.6	1.9	-1.2	14.6	3	-8.3	7	217	19	+58	89	23	..
Snowdon EWS	560	8.9	-0.6	4.2	-1.5	17.5	1	-7.2	7	145	14	..	52	23	..
Methven, Three Spring	305	9.4	-0.4	4.5	..	15.7	5	-7.5	7	65	10	..	26	5	..
Methven Cws	313	9.7	0.6	5.2	..	15.5	23	-6.4	7	58	9	..	27	5	..
Peel Forest	286	10.4	-1.2	4.6	-0.9	16.0	22	-6.0	7	73	6	+14	22	23	..
Ashburton Council	101	10.7	0.6	5.7	-0.7	16.5	23	-3.9	7	35	11	-22	16	5	..
Ashburton Aero AWS	89	9.9	0.3	5.1	..	16.7	23	-4.6	7	58	10	..	21	5	148
Wakanui Cws	53	10.3	1.2	5.8	..	17.0	23	-3.2	7	58	9	..	20	5	..
Waipara West EWS	130	11.7	1.8	6.8	..	19.0	3	-3.9	7	64	11	..	26	5	..
West Eyreton, Larunde	88	9.9	0.0	5.0	..	19.3	23	-8.9	8	..	..	..	..	..	..
Rangiora EWS	23	11.5	0.8	6.2	-0.3	21.6	23	-4.9	8	70	10	..	31	5	135
Darfield 2 EWS	212	10.0	0.4	5.2	..	17.9	23	-11.8	7	74	10	..	29	7	..
Christchurch Aero	37	10.7	-0.2	5.3	-1.1	19.9	23	-5.8	7	111	14	+53	45	5	128
Christchurch Gardens	7	10.8	1.3	6.1	-1.0	18.5	23	-5.6	27	62	11	+1	24	5	..
Christchurch, Kyle St	6	10.9	0.6	5.8	-1.1	19.8	23	-4.9	7	88	11	..	26	5	..
Christchurch, New Bri	12	11.0	4.1	7.6	..	17.9	23	-1.6	7	..	..	..	..	..	..
Lincoln, Broadfield E	18	10.5	0.6	5.6	-1.1	20.0	23	-6.3	7	75	9	+18	28	5	..
Sugar Loaf AWS	618	8.5	2.5	5.5	..	16.2	23	-2.1	7	..	..	..	..	..	..
Lyttelton Harbour	5	11.3	4.6	8.0	-0.2	19.0	23	0.7	7	59	11	..	19	5	..
Leeston EWS	15	11.4	0.9	6.2	..	18.8	23	-4.6	17	60	14	..	23	5	..
Dorie Cws @ Leferinks	55	10.6	1.8	6.2	..	..	..	..	..	64	10	..	25	5	..
Akaroa EWS	45	11.5	3.8	7.7	-0.4	19.5	23	-0.1	7	115	16	+14	36	5	97
Le Bons Bay AWS	236	10.4	4.4	7.4	-0.9	..	..	..	..	116	16	..	36	5	..
Lake Tekapo, Air Safa	762	7.2	-3.4	1.9	-0.7	14.9	1	-10.6	7	65	8	+5	32	23	..
Lake Tekapo EWS	762	6.9	-3.9	1.5	-1.1	14.6	3	-10.2	7	61	10	..	23	23	155
Fairlie AWS	403	9.7	0.1	4.9	..	16.3	3	-4.3	30	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	8.6	-4.5	2.1	..	17.6	3	-11.5	7	87	11	..	38	23	..
Hakataramea Valley Cw	355	10.0	-2.4	3.8	..	16.1	22	-8.0	30	8	4	..	7	23	..
Orari Estate	81	10.9	-0.4	5.3	-0.3	16.5	23	-4.3	7	29	6	-18	19	5	..
Orari Estate Cws	81	10.5	-0.2	5.2	..	16.3	23	-4.5	17	30	11	..	14	5	..
Timaru Aero AWS	26	11.3	-1.1	5.1	-0.5	17.2	23	-5.2	29	16	10	-23	8	5	..
Timaru EWS	17	10.7	0.8	5.8	-0.7	15.9	13	-3.9	17	14	8	-23	7	5	..
Waimate Cws	39	11.5	0.8	6.2	..	18.4	23	-5.2	17	8	9	..	3	23	..

Summary of the records of Temperature, Rainfall and Sunshine June 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		
Oamaru Airport AWS	30	10.8	0.0	5.4	-0.7	18.0	23	-4.5	17	10	9	-28	3	5	..
Albert Burn	1280	4.2	-4.3	-0.1	..	14.9	1	-9.6	7	154	17	..	45	22	..
Eglinton, Knobs Flat	365	7.1	-1.0	3.1	..	12.6	1	-6.0	17	204	21	..	49	22	..
Tara Hills AWS	488	8.6	-3.4	2.6	-0.3	15.3	3	-8.2	17	52	7	+6	20	23	..
Wanaka Aero AWS	352	8.5	-1.0	3.8	-0.3	13.9	3	-5.1	30	40	12	-20	14	23	..
Naseby Forest 2	607	7.4	-2.3	2.6	-0.6	14.4	5	-7.5	17	28	10	-6	9	23	..
Windsor EWS	81	11.7	-0.7	5.5	+0.0	17.8	10	-6.1	17	5	5	-29	2	5	..
Ranfurlly EWS	450	8.4	-3.7	2.4	-0.4	15.6	5	-10.3	17	18	13	-12	6	5	..
Oamaru AWS	40	11.6	1.6	6.6	-0.5	17.4	23	-2.8	17	10	13	..	2	5	..
Rock And Pillar AWS	270	8.2	-1.0	3.6	..	15.4	5	-7.6	17	..	..	..	..	..	..
Palmerston	21	11.1	-0.8	5.2	-0.6	19.4	23	-6.5	17	15	12	-27	4	5	108
Middlemarch EWS	213	9.0	-1.7	3.7	-0.6	16.6	5	-8.6	17	12	14	..	4	5	110
Swampy Summit AWS	722	4.2	-0.9	1.7	..	12.2	23	-4.5	6	..	..	..	..	..	..
Dunedin Aero AWS	1	9.8	-0.5	4.7	-0.9	17.6	23	-6.8	17	51	20	+4	10	2	..
Dunedin, Musselburgh	4	10.0	2.7	6.4	-0.9	18.7	23	-3.2	17	71	16	+13	10	5	115
Takahe Valley Cws	895	2.6	-2.9	-0.2	..	8.6	22	-8.1	30	141	17	..	48	22	..
Manapouri, West Arm J	178	5.8	1.0	3.4	-0.5	10.7	2	-3.8	30	319	20	..	51	22	..
Manapouri Aero AWS	209	8.7	-0.6	4.1	-0.1	15.4	2	-6.4	16	91	17	-14	18	25	..
Birchwood Wxt AWS	147	8.8	1.3	5.1	..	16.7	22	-3.9	17	..	..	..	..	..	..
Queenstown	329	8.5	0.6	4.6	-0.4	13.2	10	-3.8	30	84	11	-1	25	22	79
Queenstown Aero AWS	354	8.3	-1.3	3.5	-0.4	14.3	10	-6.2	30	69	13	-3	17	22	142
Lumsden AWS	187	8.0	-0.5	3.8	-0.9	15.5	2	-6.9	30	89	25	..	21	23	..
Riversdale Aquifer @	125	7.8	-0.5	3.7	..	14.8	2	-6.1	30	55	18	..	8	23	..
Cromwell EWS	213	9.4	-1.3	4.1	+0.0	14.4	10	-7.4	30	28	9	..	10	23	140
Lauder EWS	375	8.8	-3.2	2.8	-0.2	15.2	10	-9.0	17	27	11	-4	8	23	..
Ophir 2	305	9.1	-4.2	2.5	..	15.0	10	-10.4	17	33	9	..	14	23	..
Alexandra	150	9.0	-2.4	3.3	-0.4	17.0	10	-8.5	17	24	14	..	6	22	97
Clyde EWS	171	8.6	-2.1	3.3	-0.5	16.4	10	-7.9	17	32	14	-1	8	22	..
Alexandra Cws	140	8.7	-1.7	3.5	..	16.7	10	-8.0	17	32	12	..	12	17	..
Clyde 2 EWS	170	8.9	-2.6	3.2	..	16.8	10	-8.6	17	31	13	..	8	22	..
Roxburgh Wxt AWS	160	8.7	1.4	5.1	..	14.5	5	-2.7	30	..	..	..	..	..	..
Ettrick No.2	91	9.5	-0.9	4.3	-0.7	15.5	23	-7.0	17	38	12	-9	7	5	..
Winton 2	44	9.6	1.1	5.4	-0.5	16.0	2	-4.5	30	95	22	+12	15	2	88
Gore AWS	123	8.3	0.9	4.6	-0.7	14.7	2	-4.6	17	98	25	+21	15	27	..
Invercargill Aero		9.3	1.7	5.5	-0.4	15.0	2	-5.8	17	128	24	+24	22	8	96
Invercargill Aero AWS	1	9.3	1.6	5.5	-0.4	15.5	2	-5.0	17	129	26	..	24	8	..
Invercargill Aero 2 E		..	..	..	..	..	..	..	..	121	24	..	22	8	94
Tiwai Point EWS	5	9.2	3.0	6.1	-0.8	13.9	2	-2.7	17	113	26	+20	16	8	..
Balclutha, Telford Ew	11	8.6	0.5	4.6	..	14.6	23	-5.9	17	64	22	..	11	26	114
Nugget Point AWS	129	8.5	2.9	5.7	-1.1	14.5	23	-1.0	7	69	20	-15	8	27	..
Tautuku	25	9.7	2.3	6.0	-0.8	16.0	3	-3.0	17	122	17	-4	19	8	..
South West Cape AWS	101	8.8	5.1	7.0	-0.8	13.5	22	2.0	6	107	26	-18	17	7	..
Solomon, Taro Is	3	30.0	24.5	27.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	30.7	23.5	27.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Auki	11	..	23.3	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.0	23.4	27.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.3	22.3	26.8	..	..	..	..	..	..	..	..	..	..	..
Nauru Upper Air	6	31.2	26.0	28.6	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	30.3	24.1	27.2	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	29.5	..	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	29.0	22.1	25.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Lamap	22	29.9	23.3	26.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	..	20.4	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	27.2	16.1	21.7	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	26.2	20.1	23.2	..	30.0	5	..	..	..	..	..	..	..	..
New Cal, Koumac	18	25.2	20.2	22.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	24.8	21.5	23.2	..	..	..	15.7	18	119	15	..	51	30	..
New Cal, Ouanaham	29	25.2	19.2	22.2	..	27.9	5	10.7	8	..	..	..	..	..	..
New Cal, Poinoimie	13	24.4	20.5	22.5	..	..	..	16.6	7	290	20	..	101	11	..
New Cal, La Roche	42	24.1	19.1	21.6	..	..	..	11.4	21	150	25	..	51	6	..
New Cal, La Tontouta	14	26.0	16.2	21.1	..	33.2	5	10.0	22	..	..	..	..	..	..
New Cal, Nouma	72	23.9	20.2	22.1	..	..	..	17.2	21	124	17	..	34	11	..
New Cal, Moue	97	23.4	19.0	21.2	..	..	..	14.8	21	199	15	..	82	6	..

Summary of the records of Temperature, Rainfall and Sunshine June 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		
Kiribati,Tarawa	2	..	26.5	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nanumea Is	2	30.8	24.1	27.5	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Funafuti Aero	1	31.6	26.4	29.0	..	..	..	..	..	..	..	..	..	..	
Fiji,Nadi Aero	15	28.4	19.7	24.1	..	31.1	12	..	..	..	..	..	..	..	
Fiji, Nadi EWS	15	28.7	20.0	24.4	..	31.3	12	15.4	28	..	..	..	..	..	
Fiji,Nausori Aero	6	26.9	20.1	23.5	..	29.5	14	..	..	..	..	..	..	..	
Wallis Island, Hihifo	27	29.9	25.2	27.6	..	30.8	13	23.2	14	..	..	..	..	..	
Maopoopo, Futuna Isla	36	29.3	24.9	27.1	..	31.7	8	..	..	..	..	..	..	..	
Samoa, Apia	1	30.0	23.3	26.7	..	..	..	..	..	..	..	..	..	..	
Tonga, Queen Lavinia	60	30.3	23.5	26.9	..	31.7	10	..	..	..	..	..	..	..	
Tonga, Lupepauu	67	26.3	19.7	23.0	..	28.8	14	..	..	..	..	..	..	..	
Salote Pilolevu Airpo	2	26.4	22.0	24.2	..	29.3	27	..	..	..	..	..	..	..	
Tonga,Fuaamotu Aero	38	25.4	20.3	22.9	..	..	..	..	..	..	..	..	..	..	
CI Rarotonga Aero	7	26.7	19.9	23.3	..	..	..	..	..	..	..	..	..	..	
Rarotonga EWS	4	25.9	19.9	22.9	..	30.3	15	16.3	6	35	10	..	14	9	
Vanuatu, Saratamata	18	..	21.4	..	..	..	..	..	..	..	..	..	..	..	
Hiva Hoa, Atuona	51	30.9	23.2	27.1	..	32.1	27	..	..	..	..	..	..	..	
Tahiti - Faaa	1	29.4	22.6	26.0	..	30.7	13	19.2	30	..	..	..	..	..	
Tuamotu, Takaraoa	2	27.7	25.9	26.8	..	..	..	23.9	4	..	..	..	..	..	
Tuamotu, Hao	3	27.8	24.0	25.9	..	29.6	12	21.7	25	..	..	..	..	..	
Tuamotu, Hereheretue	3	27.4	22.9	25.2	..	29.9	11	..	..	..	..	..	..	..	
Gambier, Rikitea	91	23.6	19.7	21.7	..	26.6	6	..	..	..	..	..	..	..	
Tubuai	2	24.3	19.5	21.9	..	..	..	..	..	..	..	..	..	..	
Rapa	1	21.9	17.2	19.6	..	24.3	16	..	..	..	..	..	..	..	
Pitcairn Is	264	20.9	16.5	18.7	..	24.0	4	..	..	134	..	..	40	21	
Raoul Island AWS	49	19.6	14.3	17.0	..	22.2	14	10.1	18	115	16	..	53	13	
Enderby Is AWS	40	6.8	2.9	4.9	..	9.9	1	-1.1	6	94	22	..	18	25	
Campbell Island AWS	19	6.0	1.6	3.8	-1.3	9.6	1	-2.1	30	100	27	-10	15	7	
Chatham Islands AWS	48	11.3	5.9	8.6	-0.5	15.5	6	1.8	13	115	25	+7	24	19	
Chatham Island EWS	14	11.2	5.1	8.2	..	15.7	6	0.5	18	112	23	..	20	19	
Chatham Island Aero A	12	11.6	5.2	8.4	..	15.7	6	0.5	18	124	29	..	21	19	
Georg Von Neumayer	40	-18.3	-25.4	-21.9	..	-12.3	4	-39.1	16	..	..	..	..	..	
Ant South Pole	2827	-53.7	-62.8	-58.3	..	-41.3	30	-74.1	14	..	..	..	..	..	
Halley Bay	30	-17.1	-26.4	-21.8	..	-9.7	28	-46.6	3	..	..	..	..	..	
Gen Belgrano 2	32	-12.7	-19.5	-16.1	..	-5.2	28	-33.6	3	..	..	..	..	..	
Base Jubany	4	-4.1	-9.6	-6.9	..	1.4	24	-20.2	11	..	..	..	..	..	
Dinamet	10	-3.9	-11.0	-7.5	..	1.3	21	-58.0	15	..	..	..	..	..	
V C Marambio	198	-12.0	-20.8	-16.4	..	1.8	2	-30.5	11	..	..	..	..	..	
Eduardo Frei	10	-4.0	-9.2	-6.6	..	-0.1	1	-17.8	10	..	..	..	..	..	
Arturo Prat		-4.1	-8.6	-6.4	..	0.4	3	-16.1	10	..	..	..	..	..	
Great Wall	10	-4.0	-10.2	-7.1	..	..	..	..	..	..	..	..	..	..	
Bernado Ohiggins	10	-6.4	-11.8	-9.1	..	0.0	21	-21.0	10	..	..	..	..	..	
Palmer Station	8	-3.1	-7.1	-5.1	..	..	..	..	..	..	..	..	..	..	
Rothera Point	16	-6.8	-12.3	-9.6	..	1.1	1	-18.6	10	..	..	..	..	..	
Argentine Is, Faraday	11	-3.1	-7.8	-5.5	..	2.6	22	-11.9	11	..	..	..	..	..	
Gen San Martin	4	-7.2	-13.1	-10.2	..	0.4	15	-21.1	10	..	..	..	..	..	
King Sejong	11	-4.7	-7.7	-6.2	..	..	..	..	..	..	..	..	..	..	
Novolax Arevskaja	99	-15.1	-18.3	-16.7	..	..	..	-27.4	11	..	..	..	..	..	
Mawson	16	-13.6	-20.8	-17.2	..	-2.2	30	-30.6	11	..	..	..	..	..	
Davis	13	-11.4	-19.3	-15.4	..	-2.3	30	..	..	..	..	..	..	..	
Progress	64	-12.7	-15.3	-14.0	..	-3.6	29	..	..	..	..	..	..	..	
Vostok	3420	-66.0	-70.5	-68.3	..	..	..	..	..	..	..	..	..	..	
Casey	41	-12.2	-21.9	-17.1	..	1.3	14	-32.0	12	..	..	..	..	..	
Durmout Durville	43	-13.0	-19.4	-16.2	..	..	..	..	..	..	..	..	..	..	
Mcmurdo	24	-19.6	-28.5	-24.1	..	-7.9	16	-35.0	14	..	..	..	..	..	
Ant Scott Base	22	-22.6	-35.0	-28.8	..	-9.5	16	-42.0	6	..	..	..	..	..	
Ant Arrival Heights E	210	-22.7	-32.1	-27.4	..	-11.5	16	-37.5	10	..	..	..	..	..	
Ant Scott Base EWS	16	-23.3	-34.7	-29.0	..	-10.2	16	-41.7	6	..	..	..	..	..	
Darwin Airport	31	29.7	13.6	21.7	..	32.4	1	9.9	18	..	..	..	..	..	
Hobart Airport	4	19.4	4.7	12.1	..	23.0	14	-0.6	28	..	..	..	..	..	

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 May 2012															
North Shore, Auckland	20	17.3	10.5	13.9	-0.7	20.1	13	4.4	30	..	..	..	..	..	
Musick Pt Ews, Auckla	18	17.8	9.8	13.8	-0.6	20.0	13	4.4	30	..	..	..	..	..	
Te Puke EWS	91	17.1	6.5	11.8	-0.4	21.3	10	0.9	20	225	10	+93	65	9	
Tarapounamu EWS	701	12.1	2.7	7.4	..	18.4	13	-1.1	30	161	15	..	44	8	
Opotiki	5	17.5	5.1	11.3	-1.1	21.0	10	-1.0	30	130	11	+12	31	9	
Pakuranga, Auckland R	15	18.8	8.0	13.4	-0.1	22.1	13	-0.3	30	..	..	..	..	..	
Penrose Ews, Auckland	30	17.6	8.3	13.0	-1.1	..	..	..	..	..	..	..	..	..	
Christchurch Gardens	7	14.3	4.6	9.5	-0.3	22.4	27	-1.0	20	12	10	-52	5	15	
Lake Tekapo EWS	762	11.0	-0.1	5.5	-0.4	17.2	24	-5.4	20	29	10	..	9	27	
180															
Timaru EWS	17	12.7	3.2	8.0	-0.9	20.0	27	-2.6	20	10	12	-37	2	20	
Windsor EWS	81	13.8	2.2	8.0	+0.3	20.6	24	-4.4	20	8	7	-52	2	8	
Lauder EWS	375	12.7	-1.0	5.9	-0.6	18.0	7	-7.4	20	18	7	-15	7	27	
Clyde 2 EWS	170	13.0	0.1	6.6	..	19.7	24	-6.3	20	23	8	..	14	27	
Stewart Is	3	12.6	5.1	8.9	+0.3	17.0	..	..	..	110	..	-42	..	..	
Late returns and corrections for April 2012															
Te Puke EWS	91	20.9	10.5	15.7	+1.1	25.0	9	5.0	21	63	4	-81	51	11	
Tarapounamu EWS	701	14.4	7.2	10.8	..	21.9	9	4.5	22	87	11	..	35	11	
Motu EWS	488	16.5	7.5	12.0	+0.9	..	..	-0.4	25	239	16	+94	60	4	
Clyde 2 EWS	170	19.4	3.0	11.2	..	23.7	8	-1.4	12	6	5	..	3	29	
Late returns and corrections for March 2012															
Waipara North Branch	560	16.1	6.5	11.3	..	..	..	..	..	63	13	..	24	2	
Clyde 2 EWS	170	20.0	5.6	12.8	..	24.9	6	0.6	26	47	9	..	30	11	
Late returns and corrections for February 2012															
Clyde 2 EWS	170	22.6	10.4	16.5	..	28.5	6	1.9	11	85	8	..	42	22	
Late returns and corrections for January 2012															
Clyde 2 EWS	170	24.1	8.8	16.5	..	31.2	9	3.0	3	77	6	..	37	12	
Late returns and corrections for December 2011															
Clyde 2 EWS	170	25.2	10.2	17.7	..	31.9	13	5.0	19	6	4	..	4	15	
Late returns and corrections for November 2011															
Clyde 2 EWS	170	19.9	6.2	13.1	..	28.3	30	-0.5	5	48	10	..	11	2	
Late returns and corrections for October 2011															
Clyde 2 EWS	170	18.0	4.7	11.4	..	24.6	20	-1.2	6	45	7	..	17	25	
Late returns and corrections for September 2011															
Clyde 2 EWS	170	15.8	1.6	8.7	..	21.9	30	-2.4	20	14	7	..	7	14	
Late returns and corrections for August 2011															
Clyde 2 EWS	170	12.3	-1.9	5.2	..	18.4	26	-6.3	20	8	4	..	5	5	
Late returns and corrections for July 2011															
Clyde 2 EWS	170	9.1	-2.4	3.4	..	16.0	29	-5.8	26	27	9	..	8	9	
Late returns and corrections for June 2011															
Clyde 2 EWS	170	10.0	-0.7	4.7	..	16.7	13	-5.2	17	6	3	..	6	4	

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1981-2010.  
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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