

APRIL 2013

Summary of the records of Temperature, Rainfall and Sunshine April 2013

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	20.6	15.5	18.1	+0.9	23.1	3	..	..	55	15	-54	16	14	..
Kaitaia Aero EWS	80	21.6	13.5	17.6	+0.7	24.3	3	9.6	10	145	14	+26	47	15	..
Kaitaia Observatory	85	21.8	12.9	17.4	..	24.7	1	8.4	10	116	14	+20	41	15	170
Kaitaia EWS	85	21.7	13.2	17.5	+0.6	24.4	1	8.4	10	112	14	-13	41	15	172
Kerikeri EWS	79	22.1	12.0	17.1	+0.7	24.9	3	7.5	12	122	15	-25	70	15	..
Kerikeri Aerodrome Aw	150	21.5	12.2	16.9	+0.8	24.6	3	9.1	9	183	17	+38	114	15	..
Kaikohe AWS	204	20.9	13.0	17.0	+1.2	24.3	3	9.3	9	196	19	+56	88	15	..
Trounson Cws	244	19.7	11.4	15.6	..	23.2	3	5.9	9	104	25	-27	49	21	..
Dargaville 2 EWS	66	22.5	14.6	18.6	+2.6	25.3	3	9.5	9	65	17	-6	22	21	170
Purerua AWS	82	21.3	14.1	17.7	..	23.9	18	10.1	6	73	13	..	31	15	..
Whangarei Aero AWS	37	22.4	13.6	18.0	+1.4	25.9	3	9.5	9	113	12	+10	50	15	..
Mokohinau AWS	60	20.8	16.9	18.9	+1.2	23.1	1	13.7	8	..	..	..	..	..	..
Leigh 2	27	23.5	15.1	19.3	+1.9	27.7	1	12.5	9	68	19	-14	16	15	..
Warkworth EWS	72	20.9	11.6	16.3	+0.9	24.4	3	5.3	9	121	16	+14	61	15	..
Whangaparaoa AWS	89	21.4	15.0	18.2	+1.2	24.8	1	13.0	6	66	14	-5	26	20	..
Auckland, Whenuapai A	26	21.3	11.8	16.6	+1.1	25.2	3	4.7	9	..	..	..	..	..	..
Auckland, North Shore	64	21.3	12.7	17.0	..	24.0	3	6.2	9	98	16	..	34	15	162
Auckland, Henderson,	7	22.2	11.9	17.1	+1.1	25.6	2	5.3	8	144	20	+44	40	15	..
Lincoln Rd, Auckland	25	21.2	12.8	17.0	+1.1	..	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	21.6	14.3	18.0	+1.5	24.1	1	10.5	10	..	..	..	..	..	..
Waiheke Island, Awaro	34	22.2	12.5	17.4	..	25.5	2	4.3	8	97	12	-5	35	15	..
Whitianga Aero AWS	5	21.0	12.5	16.8	+1.5	24.8	1	4.4	9	273	21	+121	87	20	..
Thames 2	3	22.1	12.4	17.3	+1.4	25.1	..	8.1	9	78	..	-26	18	22	..
Paeroa AWS	18	21.4	11.8	16.6	+1.4	25.4	2	2.6	8	75	18	-31	16	15	..
Toenepe EWS	48	21.2	10.7	16.0	+1.0	25.9	2	1.7	8	87	17	..	33	21	..
Matamata, Hinuera EWS	106	21.7	9.9	15.8	+1.7	24.8	14	2.1	8	..	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	172
Tauranga Aero AWS	4	21.5	13.1	17.3	+1.7	25.9	1	6.6	8	284	12	+164	113	19	..
Whakatane Aero AWS	7	21.7	10.8	16.3	+1.8	24.5	29	4.0	8	116	11	+13	36	20	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	212
White Island AWS	310	18.8	14.0	16.4	..	..	..	..	..	..	..	..	..	..	..
Mamaku Radar Wxt AWS	617	15.7	10.7	13.2	..	19.5	2	6.4	10	..	..	..	..	..	..
Kawerau AWS	42	22.0	10.5	16.3	..	26.1	1	4.7	12	..	..	..	..	..	169
Rotorua Aero AWS	283	19.2	10.4	14.8	+1.5	23.1	2	1.9	8	170	16	+58	73	16	..
Galatea AWS	174	19.7	8.3	14.0	..	23.4	2	-0.7	8	..	..	..	..	..	..
Taupo Wxt AWS	385	18.6	10.4	14.5	..	23.9	2	2.6	8	..	..	..	..	..	..
Tarapounamu EWS	701	17.0	7.2	12.1	..	22.6	2	1.0	10	135	14	..	38	21	..
Taupo AWS	400	18.3	9.2	13.8	+1.8	22.8	2	-0.5	8	81	13	+13	23	21	..
Opotiki	5	21.4	10.3	15.9	+0.8	24.0	2	4.5	7	109	11	-4	34	21	..
Motu EWS	488	18.6	7.4	13.0	+1.9	22.8	2	-2.4	8	109	11	-36	53	21	..
Otamatuna, Te Mapou H	624	16.3	8.3	12.3	..	21.3	3	3.0	8	195	13	..	111	21	..
Auckland, Mangere EWS	5	20.8	12.6	16.7	+0.5	24.8	2	5.8	8	98	16	+13	25	15	170
Pakuranga, Auckland R	15	22.7	13.6	18.2	+2.5	..	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.0	12.4	16.7	+0.4	24.4	2	6.6	8	..	..	..	..	..	..
Auckland Aero	7	21.2	14.1	17.7	+1.4	24.2	3	7.7	8	107	16	+22	20	24	..
Auckland, Ardmore	23	22.2	10.5	16.4	+1.3	25.7	3	2.5	10	163	14	+63	42	15	..
Pukekohe EWS	88	20.9	12.4	16.7	+1.2	24.5	2	5.9	8	125	20	+39	37	21	..
Firth Of Thames EWS	1	23.4	10.9	17.2	..	26.5	1	0.8	9	135	14	..	75	20	..
Whatawhata 2 EWS	118	20.5	11.7	16.1	+1.4	25.6	2	3.7	8	184	19	+75	44	21	..
Hamilton, Ruakura 2 E	45	22.9	9.9	16.4	+1.9	27.4	2	1.3	8	123	16	+40	56	21	145
Hamilton AWS	53	21.4	10.4	15.9	+1.7	25.9	3	1.1	8	140	17	+53	69	21	..
Lake Karapiro Cws	55	20.1	11.9	16.0	..	24.6	3	5.5	8	124	15	..	71	21	..
Port Taharoa AWS	27	21.2	13.9	17.6	+1.4	23.6	2	8.5	8	100	17	..	38	21	..
Waikeria 2	46	21.6	10.2	15.9	+1.7	26.3	2	0.4	8	133	11	+54	62	21	..
Te Kuiti EWS	62	20.8	9.3	15.1	+1.0	24.8	2	1.1	8	132	12	+28	49	21	155
Pureora Forest Cws	549	16.7	7.6	12.2	..	21.7	2	-1.3	8	131	13	..	52	21	..
Taumarunui	171	19.8	9.5	14.7	+1.7	24.3	2	0.8	11	130	17	+24	23	19	..
Taumarunui AWS	195	20.0	8.0	14.0	..	24.9	2	-2.4	11	140	16	..	27	17	151
Turangi 2 EWS	350	18.7	7.5	13.1	+1.1	23.4	2	-0.9	11	128	15	+14	36	20	144
New Plymouth AWS	30	19.5	12.3	15.9	+1.4	22.7	16	4.8	8	122	19	+6	29	19	189
Lower Retaruke Cws	233	19.4	8.6	14.0	..	24.0	2	-0.8	11	25	16	-81	5	17	..
Mt Ruapehu, Chateau E	1097	14.0	5.5	9.8	+1.5	19.1	28	-0.8	11	189	15	+9	33	17	..
Pahiatua EWS	110	16.8	8.4	12.6	..	22.1	3	-2.7	11	114	22	..	17	17	..

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		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	Date				Min	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs			
Alfredton Raws	240	18.5	9.3	13.9	..	23.8	3	-1.6	11	145	22	..	21	20	..
Masterton Aero AWS	138	19.3	9.3	14.3	..	25.4	2	1.5	11	88	19	..	17	20	..
Masterton, Te Ore Ore	110	20.1	9.4	14.8	..	25.4	2	0.6	11	64	14	-2	17	20	..
Kopua	311	18.6	9.9	14.3	+1.7	26.3	3	0.7	11	65	15	-8	20	20	..
Takapau Plains AWS	330	17.4	9.1	13.3	+1.1	25.2	3	-0.4	11	71	21	..	23	20	..
Dannevirke	207	18.4	10.4	14.4	+1.6	25.5	3	1.0	11	88	18	+13	14	8	105
Dannevirke EWS	207	19.0	10.4	14.7	..	26.4	3	0.9	11	81	17	..	13	8	114
Waione Raws	48	19.5	10.8	15.2	+1.4	28.0	3	1.0	11	62	19	+7	11	13	..
Cape Turnagain AWS	292	16.1	12.4	14.3	..	22.1	3	7.1	8	..	..	..	..	..	..
Akitio EWS	245	18.4	11.4	14.9	..	25.7	3	5.6	8	79	14	..	27	20	154
Castlepoint Station	9	19.3	13.1	16.2	+1.3	25.5	3	5.4	11	91	16	+22	34	20	..
Castlepoint AWS	120	18.2	13.0	15.6	+1.0	25.2	3	8.6	7	82	14	+15	33	20	..
Baring Head	79	17.0	13.0	15.0	..	20.4	3	8.2	8	56	16	..	22	20	..
Te Wharau, Brackenfie	292	18.4	9.5	14.0	..	24.8	2	2.3	5	83	13	..	27	20	..
Martinborough EWS	20	19.4	9.3	14.4	+1.4	24.8	2	-0.2	5	56	14	..	21	20	127
Ngawi AWS	6	19.0	13.8	16.4	+1.4	24.1	2	8.6	5	30	7	..	14	17	..
Hicks Bay AWS	46	21.0	13.9	17.5	+1.5	23.6	18	7.7	11	107	14	-3	37	22	..
Gisborne AWS	5	21.4	11.7	16.6	+1.7	28.2	1	5.8	11	74	12	-23	20	4	177
Gisborne EWS	12	24.9	14.6	19.8	..	31.0	1	8.3	11	58	13	..	17	4	..
Tolaga Bay Wxt AWS	12	19.6	11.6	15.6	..	25.9	3	5.4	11	..	..	..	..	..	..
Tutira Cws	235	19.5	10.6	15.1	..	24.4	1	3.2	11	94	15	..	23	3	..
Napier Aero AWS	3	21.3	11.3	16.3	+1.9	28.0	3	2.3	11	63	13	-16	12	20	..
Napier Nelson Pk	2	21.4	11.8	16.6	+1.7	27.4	3	6.6	8	74	13	+6	14	20	162
Hastings AWS	16	21.2	10.3	15.8	..	28.6	3	2.5	11	88	13	..	25	9	..
Whakatu EWS	5	20.8	9.3	15.1	+1.5	28.2	3	1.9	11	73	13	..	18	20	..
Waipawa EWS	130	20.1	9.3	14.7	..	27.9	3	0.4	11	34	12	..	9	17	149
Wairoa, North Clyde E	15	22.2	11.6	16.9	+2.2	27.9	1	5.2	11	90	12	-38	20	4	..
Mahia Radar Wxt AWS	419	16.9	12.7	14.8	..	23.1	1	8.6	7	..	..	..	..	..	..
Mahia AWS	136	19.9	12.8	16.4	+1.5	25.0	1	5.4	11	88	13	-38	24	16	..
Cape Kidnappers Wxt A	118	18.4	14.3	16.4	..	23.6	3	8.7	8	..	..	..	..	..	..
Paraparaumu Aero	5	19.0	12.4	15.7	+2.2	22.7	3	2.2	5	71	18	+6	25	24	128
Paraparaumu Aero AWS	5	18.8	12.2	15.5	+2.1	22.7	3	2.3	5	70	16	+10	23	24	151
Ohakea AWS	50	19.5	11.8	15.7	..	25.7	3	4.7	7	..	..	..	..	..	..
Palmerston North AWS	39	19.7	11.1	15.4	+1.8	26.0	3	2.3	7	111	18	+51	34	8	..
Palmerston North EWS	21	19.2	11.2	15.2	+1.3	24.9	3	1.9	11	128	18	+59	27	8	113
Levin AWS	14	19.4	11.7	15.6	+1.9	23.5	3	2.2	10	127	18	+47	23	23	..
Mana Island AWS	100	16.1	12.6	14.4	..	19.4	3	8.0	11	61	15	..	23	20	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	127
Wellington, Kelburn A	125	17.3	12.5	14.9	+1.2	20.9	30	7.0	5	87	17	+2	37	20	..
Wellington Aero	4	18.2	13.5	15.9	+1.5	21.7	30	6.6	5	66	17	-2	29	20	..
Wallaceville EWS	56	18.4	10.0	14.2	+1.4	23.1	2	1.5	5	82	16	+1	21	20	104
Stratford EWS	300	18.2	10.2	14.2	+1.8	21.3	1	2.6	11	136	16	-10	31	19	142
Hawera AWS	98	19.0	10.9	15.0	+1.7	22.8	3	2.5	10	111	21	+28	20	20	..
Ohakune EWS	607	18.1	8.6	13.4	+2.6	25.0	16	-2.0	11	48	12	-60	14	19	139
Waiouru Treatment Pla	806	15.7	6.5	11.1	+1.5	21.7	3	-1.7	10	50	13	-25	11	17	..
Waiouru Airstrip AWS	818	14.9	5.4	10.2	..	20.8	3	-2.7	10	50	16	..	11	17	..
Taihape Rec	433	18.9	6.3	12.6	+1.1	25.0	2	-3.4	11	50	18	-23	11	17	..
Flat Hills Wxt AWS	263	18.4	10.4	14.4	..	24.9	17	1.4	10	..	..	..	..	..	..
Wanganui,Spriggens Pa	15	20.4	12.2	16.3	+1.7	27.0	16	5.7	10	57	15	-12	12	17	..
Wanganui AWS	8	19.7	12.2	16.0	+1.6	25.5	16	6.3	11	64	16	-8	11	20	..
Wanganui 2 AWS	18	20.8	11.6	16.2	..	27.4	16	4.4	10	..	..	..	..	..	..
Takaka EWS	20	19.7	9.2	14.5	+1.4	24.3	1	5.7	14	300	17	+144	118	21	144
Farewell Spit AWS	3	19.1	13.2	16.2	+1.6	22.6	1	9.4	11	206	17	+113	97	20	..
Westport Aero AWS	2	18.0	10.4	14.2	+1.0	20.7	1	6.0	5	280	22	+138	38	16	..
Arapito	18	18.4	10.1	14.3	+0.9	22.5	2	4.5	5	309	22	+135	61	3	133
Arapito EWS	18	18.6	10.3	14.5	..	22.9	2	4.5	5	..	..	..	..	..	..
Murchison Raws	185	17.5	7.8	12.7	+0.2	23.2	1	1.3	10	130	21	..	21	21	..
Hokitika Aero	39	17.0	9.6	13.3	+0.9	19.5	15	4.0	6	216	20	-16	43	21	118
Hokitika AWS	38	17.1	9.8	13.5	+1.1	19.4	9	4.0	6	193	19	-10	37	21	137
Reefton EWS	198	17.0	7.6	12.3	+0.5	21.2	1	0.6	5	129	21	-14	23	3	105
Greymouth Aero	4	17.9	10.7	14.3	+1.4	20.8	9	6.5	4	224	19	+29	71	2	109
Greymouth Aero EWS	5	17.1	10.6	13.9	..	19.8	9	6.1	5	235	20	..	67	2	134
Pigeon Creek Cws	105	16.7	8.8	12.8	..	20.3	29	2.7	5	321	18	..	52	2	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm	
Mt Philistine EWS	1655	6.3	1.2	3.8	..	11.4	16	-2.4	6	409	24	..	56	11	..
Mahanga EWS	1995	5.3	0.6	3.0	..	10.1	14	-3.4	7	222	24	..	49	3	..
Ivory Glacier Cws	1390	7.6	3.1	5.4	..	12.1	15	-0.4	4	481	22	..	103	28	..
Okarito	2	16.9	9.4	13.2	+0.6	19.5	20	3.4	6	170	16	-72	44	26	..
Franz Josef	155	..	8.4	..	..	..	..	3.0	13	208	17	-199	39	26	..
Franz Josef EWS	80	17.2	8.0	12.6	+0.9	19.9	15	2.8	6	197	18	..	47	26	187
Haast AWS	5	16.7	8.9	12.8	+0.8	19.6	16	3.2	4	164	18	..	40	26	..
Milford Sound	3	16.3	7.9	12.1	+1.1	19.5	17	4.0	6	511	16	-22	155	26	..
Milford Sound AWS	3	16.3	7.9	12.1	+1.0	19.6	17	3.8	10	495	20	..	149	26	..
Secretary Island AWS	19	16.5	10.8	13.7	+1.1	19.5	17	7.4	4	..	..	..	..	..	..
Puysgur Point AWS	44	14.3	10.2	12.3	+0.5	18.3	14	5.6	10	293	26	+78	53	11	..
Stephens Island	187	17.2	12.7	15.0	+1.3	20.5	2	9.6	10	83	17	..	33	20	..
Motueka, Riwaka EWS	8	19.9	8.4	14.2	+1.5	25.2	1	2.8	5	282	15	+176	116	21	..
Pelorus Sd, Crail Bay	13	18.7	12.5	15.6	+1.1	22.9	29	8.9	10	106	17	-22	49	20	..
Nelson Aero	2	19.0	10.2	14.6	+1.4	23.4	1	6.0	5	146	15	+65	60	21	161
Nelson AWS	4	19.3	10.3	14.8	+1.2	23.6	1	6.0	11	195	16	..	122	21	..
Blenheim Research EWS	4	19.5	9.8	14.7	+1.4	25.5	2	2.9	11	98	12	+53	48	20	153
Wairau Valley, Mill R	172	18.3	9.3	13.8	..	24.1	2	1.1	10	176	17	..	50	21	..
Blenheim Aero AWS	35	19.7	8.8	14.3	+1.4	25.6	2	1.1	10	97	14	+44	44	20	..
Brothers Island AWS	68	16.7	13.3	15.0	+0.5	18.8	1	10.1	10	81	12	..	34	20	..
Awatere Valley, Dashw	83	18.5	9.2	13.9	+0.9	25.2	2	-0.1	10	104	9	..	55	20	..
Grassmere Salt Works	2	19.6	12.2	15.9	+2.0	24.9	28	5.6	10	85	10	+53	41	20	..
Cape Campbell AWS	2	16.7	12.7	14.7	+0.8	21.0	1	9.0	10	69	13	+39	28	20	..
Boyle River Lodge	600	15.4	4.8	10.1	+0.0	21.0	1	-1.9	16	111	26	-30	16	3	..
Hanmer Forest EWS	363	17.1	4.3	10.7	+0.1	24.5	1	-2.4	5	44	16	-22	12	19	..
Kaikoura AWS	105	16.6	11.1	13.9	+0.9	23.5	29	6.9	10	99	14	+44	48	20	..
Arthurs Pass	738	12.4	5.7	9.1	+0.9	17.1	2	-0.9	10	290	21	-52	42	26	..
Arthurs Pass EWS	738	12.6	5.6	9.1	+0.8	17.3	2	-0.9	10	294	21	-67	40	26	..
Culverden AWS	181	17.1	7.4	12.3	..	23.1	2	0.6	5	..	..	..	..	..	..
Waipara North Branch	560	15.3	7.2	11.3	..	22.1	29	-1.2	10	104	15	..	42	20	..
Waiau School Cws	136	18.7	7.5	13.1	..	25.9	14	-0.3	10	48	14	..	17	20	..
Cheviot EWS	75	18.1	7.6	12.9	..	25.8	2	0.2	5	65	15	..	26	20	141
Upper Rakaia EWS	1752	6.3	0.8	3.6	..	11.8	15	-3.9	6	171	21	..	31	21	..
Mt Potts EWS	2128	5.4	-0.6	2.4	..	11.3	15	-6.1	6	59	12	..	13	22	..
Mt Cook EWS	730	15.1	4.2	9.7	+0.3	21.0	15	0.1	4	232	18	-112	83	28	106
Craigieburn Forest	914	13.2	2.8	8.0	-0.7	20.3	2	-2.5	10	133	19	+20	39	20	..
Snowdon Raws	560	15.1	6.5	10.8	-0.2	21.4	3	-1.6	10	92	14	..	26	20	..
Methven, Three Spring	305	15.4	6.4	10.9	..	23.7	2	1.3	10	122	16	..	36	20	..
Chertsey Cws	108	16.2	7.9	12.1	..	24.3	2	1.5	10	65	16	..	16	19	..
Winchmore EWS	160	16.8	5.7	11.3	-0.3	25.8	15	-1.2	10	80	16	+30	18	5	..
Peel Forest	286	15.9	5.7	10.8	+0.1	24.0	15	0.0	10	152	13	+73	45	20	..
Lismore, Racemans Hou	168	15.9	6.9	11.4	..	24.2	15	1.3	10	71	12	..	20	19	..
Ashburton Council	101	17.0	7.2	12.1	+0.2	25.9	15	1.6	10	83	16	+34	25	5	..
Ashburton Aero AWS	89	16.4	6.7	11.6	..	25.5	15	0.8	10	94	16	..	36	5	150
Wakanui Cws	53	16.3	7.3	11.8	..	25.1	15	1.7	10	58	14	..	13	5	..
Waipara West EWS	130	18.4	8.6	13.5	..	26.2	3	2.3	10	95	12	..	38	20	..
West Eyreton, Larunde	88	17.1	6.6	11.9	..	24.6	1	0.7	10	..	..	..	..	..	..
Rangiora EWS	23	18.9	6.3	12.6	+0.7	27.1	1	-0.3	10	39	12	..	9	19	134
Darfield 2 Raws	212	17.1	7.2	12.2	..	25.9	2	1.8	10	102	15	..	29	20	..
Darfield	195	16.9	7.6	12.3	-0.1	27.0	2	2.3	10	92	13	+39	22	19	..
Christchurch Aero	37	18.2	7.2	12.7	+0.8	27.4	2	-1.0	10	59	13	+15	16	19	116
Christchurch Gardens	7	17.6	8.1	12.9	+0.2	24.2	28	2.0	10	76	11	+30	29	19	..
Christchurch, Kyle St	6	18.0	7.9	13.0	+0.6	24.8	1	1.4	10	73	9	..	29	19	..
Christchurch, New Bri	12	16.4	10.7	13.6	..	22.1	28	5.6	10	..	..	..	..	..	..
Lincoln, Broadfield E	18	17.1	7.5	12.3	+0.1	24.1	28	0.5	10	59	12	+15	21	30	..
Sugar Loaf AWS	618	14.8	8.7	11.8	..	..	..	..	..	..	..	..	..	..	..
Lyttelton Harbour	5	16.9	11.0	14.0	+0.5	23.8	28	6.3	10	27	8	..	11	21	..
Leeston Raws	15	17.8	7.8	12.8	..	26.5	15	1.8	10	56	17	..	12	30	..
Dorie Cws @ Leferinks	55	17.2	8.1	12.7	..	26.7	15	1.9	10	80	13	..	21	5	..
Akaroa EWS	45	17.7	10.1	13.9	+1.0	26.1	28	5.7	7	86	15	+19	20	20	137
Le Bons Bay AWS	236	15.6	10.0	12.8	+0.6	22.3	28	6.2	4	66	12	..	18	30	..
Lake Tekapo, Air Safa	762	15.3	3.8	9.6	+0.4	22.3	2	-1.7	10	12	8	-33	4	26	..
Lake Tekapo EWS	762	15.2	3.7	9.5	+0.1	22.2	2	-3.5	10	9	5	..	3	26	173

Summary of the records of Temperature, Rainfall and Sunshine April 2013

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		
Fairlie AWS	403	15.5	6.4	11.0	..	23.0	15	0.0	10	..	..	..	..	..	
Pukaki Aerodrome AWS	473	17.5	3.9	10.7	..	23.7	15	-3.8	10	13	8	..	5	19	
Hakataramea Valley Cw	355	17.5	5.2	11.4	..	24.7	2	-2.2	10	36	7	..	9	19	
Orari Estate	81	16.7	6.8	11.8	+0.6	25.6	15	1.4	11	110	11	+64	31	19	
Orari Estate Cws	81	16.1	6.9	11.5	..	24.2	15	1.5	11	106	13	..	29	19	
Timaru Aero AWS	26	17.0	6.2	11.6	+0.6	24.7	28	0.3	11	48	11	+10	14	3	
Timaru EWS	17	15.8	7.9	11.9	+0.3	24.3	28	3.1	11	60	11	+18	16	21	
Waimate Cws	39	16.8	7.6	12.2	..	23.9	28	2.1	10	72	11	..	26	21	
Oamaru Airport AWS	30	16.0	7.1	11.6	+0.7	23.8	15	1.5	6	52	12	+15	21	21	
Eglinton, Knobs Flat	365	14.5	4.7	9.6	..	18.6	16	-1.9	10	178	21	..	52	26	
Tara Hills AWS	488	17.2	3.8	10.5	+0.8	22.5	15	-4.2	10	9	7	-27	4	28	
Wanaka Aero AWS	352	16.9	6.6	11.8	+1.2	21.1	15	0.0	10	12	6	-35	5	26	
Naseby Forest 2	607	14.9	4.0	9.5	+0.6	22.5	15	-2.6	6	43	9	+0	16	24	
Windsor EWS	81	16.8	5.7	11.3	+0.5	25.2	15	-0.2	10	52	11	+18	20	21	
Ranfurlly EWS	450	15.7	3.0	9.4	+0.2	22.4	15	-5.9	10	21	10	-16	13	23	
Oamaru AWS	40	16.3	7.6	12.0	+0.3	23.7	11	1.8	10	74	17	..	28	21	
Palmerston	21	17.1	5.3	11.2	+0.6	24.2	11	-2.6	10	84	15	+39	23	19	
Middlemarch EWS	213	16.6	3.1	9.9	-0.3	24.4	15	-5.0	10	28	10	..	9	23	
Swampy Summit AWS	722	11.1	4.4	7.8	..	19.9	15	-0.5	10	..	..	..	..	..	
Dunedin Aero AWS	1	16.5	4.1	10.3	-0.2	24.6	14	-4.5	10	45	13	-3	13	23	
Dunedin, Musselburgh	4	15.4	8.4	11.9	+0.2	23.4	11	2.1	10	69	14	+18	14	21	
Murchison Mtns EWS	1140	8.5	2.7	5.6	..	12.4	16	-1.8	6	261	19	..	57	26	
Takahe Valley Cws	895	9.9	2.4	6.2	..	14.0	16	-1.8	6	171	19	..	45	26	
Manapouri, West Arm J	178	14.1	5.5	9.8	+0.4	17.0	14	-0.4	10	344	20	..	85	28	
Manapouri Aero AWS	209	15.5	5.0	10.3	+0.8	20.5	28	-2.3	6	68	15	-23	16	26	
Birchwood Wxt AWS	147	14.9	6.7	10.8	..	20.7	28	-0.7	10	..	..	..	..	..	
Queenstown	329	16.9	6.4	11.7	+0.6	22.1	28	1.6	6	54	13	-15	13	26	
Queenstown Aero AWS	354	16.0	5.0	10.5	+0.9	20.9	2	-1.4	6	34	11	-22	9	26	
Lumsden AWS	187	15.6	4.8	10.2	+0.3	..	..	-3.9	10	52	15	..	15	23	
Riversdale Aquifer @	125	15.8	4.7	10.3	..	22.3	2	-3.8	10	47	12	..	12	26	
Cromwell EWS	213	17.9	4.6	11.3	+0.5	22.8	15	-2.2	10	21	6	..	7	5	
Lauder EWS	375	17.4	3.5	10.5	+0.8	22.6	2	-4.1	10	14	8	-24	7	23	
Ophir 2	305	16.6	2.1	9.4	..	21.8	15	-5.9	10	27	8	..	11	3	
Alexandra	150	18.7	4.1	11.4	+0.4	25.1	15	-2.9	10	12	10	..	5	23	
Alexandra Cws	140	18.0	4.4	11.2	..	23.9	15	-2.3	10	10	11	..	5	23	
Clyde 2 EWS	170	17.8	3.6	10.7	..	24.3	15	-2.9	10	12	8	..	4	23	
Roxburgh Wxt AWS	160	16.3	5.9	11.1	..	23.1	15	-1.2	6	..	..	..	..	..	
Ettrick No.2	91	17.2	3.4	10.3	-0.2	23.2	2	-3.5	10	28	8	-18	9	23	
Tapanui	180	15.9	4.3	10.1	-0.2	..	..	-2.7	10	80	..	+10	26	23	
Waitutu Cws	30	15.2	6.5	10.9	..	20.8	28	-0.6	10	..	..	..	..	..	
Winton 2	44	16.3	..	..	..	21.5	28	..	..	63	14	-14	14	11	
Gore AWS	123	15.2	5.9	10.6	+0.5	..	..	-2.1	6	71	17	-3	17	28	
Invercargill Aero	15.2	6.6	10.9	+0.5	21.6	28	-4.6	10	98	22	+2	16	29		
Invercargill Aero AWS	1	15.4	6.6	11.0	+0.7	21.9	28	-2.0	10	94	22	..	14	29	
Invercargill Aero 2 E	..	..	..	..	..	..	..	..	..	94	24	..	16	29	
Tiwai Point EWS	5	15.2	7.8	11.5	+0.3	20.8	2	0.7	10	137	23	+40	20	24	
Balclutha, Telford Ew	11	15.4	5.0	10.2	..	22.4	2	-4.1	10	47	15	..	18	23	
Nugget Point AWS	129	14.3	8.1	11.2	+0.4	20.9	28	3.4	10	89	17	+33	34	23	
Tautuku	25	15.1	7.2	11.2	+0.5	22.0	2	0.0	10	137	19	+33	21	24	
South West Cape AWS	101	12.8	9.1	11.0	+0.2	16.4	14	5.2	10	159	24	+55	33	15	
Solomon, Taro Is	3	31.1	24.5	27.8	..	..	..	..	..	..	..	..	..	..	
Solomon, Munda	6	31.4	24.4	27.9	..	..	..	..	..	..	..	..	..	..	
Solomon, Auki	11	..	24.2	..	..	..	..	..	..	..	..	..	..	..	
Solomon, Honiara	56	32.5	24.1	28.3	..	..	..	..	..	..	..	..	..	..	
Solomon, Henderson	9	32.2	23.3	27.8	..	..	..	..	..	..	..	..	..	..	
Solomon, Santa Cruz	24	..	24.4	..	..	..	..	..	..	..	..	..	..	..	
Vanuatu,Sola	13	32.0	24.8	28.4	..	..	..	..	..	282	24	..	38	24	
Vanuatu,Pekoa	56	31.2	23.3	27.3	..	..	..	..	..	..	..	..	..	..	
Vanuatu,Lamap	22	32.6	24.4	28.5	..	..	..	..	..	161	18	..	38	23	
Vanuatu, Bauerfield	20	30.4	22.8	26.6	..	32.5	22	..	..	440	22	..	78	18	
Vanuatu,Burtonfield	70	30.5	22.7	26.6	..	..	..	..	..	..	..	..	..	..	
Vanuatu,Aneityum	6	29.7	22.8	26.3	..	..	..	..	..	345	25	..	82	28	
New Cal, Koumac	18	27.7	23.7	25.7	..	..	..	22.0	24	98	15	..	47	18	

Summary of the records of Temperature, Rainfall and Sunshine April 2013

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	Date				Min	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	Hrs	
New Cal, Oulop	7	28.3	24.3	26.3	..	31.2	13	20.7	28	378	22	..	135	28	..
New Cal, Ouanaham	29	28.2	22.5	25.4	..	30.7	15	18.3	1	..	..	..	..	..	..
New Cal, Poinoimie	13	27.6	23.3	25.5	..	30.9	14	20.8	28	453	23	..	171	17	..
New Cal, La Roche	42	27.1	21.8	24.5	..	..	..	17.3	1	..	..	..	..	..	..
New Cal, La Tontouta	14	28.9	20.6	24.8	..	34.3	14	15.9	24	..	..	..	..	..	..
New Cal, Nouma	72	26.5	23.6	25.1	..	30.6	13	21.2	28	215	22	..	75	28	..
New Cal, Moue	97	26.2	22.2	24.2	..	28.7	1	20.2	24	..	..	..	..	..	..
Kiribati, Tarawa	2	30.6	25.7	28.2	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	32.0	26.5	29.3	..	..	..	24.0	20	..	..	..	..	..	..
Fiji, Nadi Aero	15	30.8	23.0	26.9	..	..	..	21.5	3	..	..	..	..	..	..
Fiji, Nausori Aero	6	30.0	22.9	26.5	..	31.5	9	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.8	25.7	28.3	..	32.3	12	23.6	19	..	..	..	..	..	..
Maopopo, Futuna Isla	36	30.8	25.7	28.3	..	..	..	24.2	18	321	25	..	75	16	..
Samoa, Faleolo	4	30.4	23.9	27.2	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.0	24.7	27.9	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.0	25.9	28.5	..	32.6	11	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	31.3	24.3	27.8	..	..	..	22.7	8	..	..	..	..	..	..
Tonga, Keppel	2	..	24.2	..	..	..	..	23.0	12	..	..	..	..	..	..
Tonga, Lupepauu	67	29.0	21.9	25.5	..	30.2	12	18.3	26	..	..	..	..	..	..
Salote Pilolevu Airpo	2	29.4	23.8	26.6	..	..	..	..	..	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	29.3	21.1	25.2	..	30.7	10	16.5	5	..	..	..	..	..	..
CI Rarotonga Aero	7	28.8	22.8	25.8	..	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	7	29.2	23.0	26.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	31.2	23.5	27.4	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.2	24.1	28.2	..	35.2	1	22.9	21	82	14	..	16	23	..
Tahiti - Faaa	1	31.1	24.6	27.9	..	32.0	2	23.1	30	..	..	..	..	..	..
Tuamotu, Takaroa	2	29.6	27.7	28.7	..	30.5	2	..	..	..	..	..	..	..	..
Tuamotu, Hao	3	29.9	26.1	28.0	..	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hereheretue	3	29.1	24.8	27.0	..	..	..	22.3	5	348	20	..	145	13	..
Gambier, Rikitea	91	26.7	23.0	24.9	..	..	..	20.3	10	134	20	..	62	6	..
Tubuai	2	27.3	22.5	24.9	..	28.9	7	19.5	28	..	..	..	..	..	..
Rapa	1	24.4	20.8	22.6	..	25.8	14	17.1	10	371	17	..	106	26	..
Pitcairn Is	264	24.5	19.6	22.1	..	26.5	..	17.5	24	125	..	..	32	24	186
Pitcairn Island AWS	264	24.3	20.6	22.5	..	26.5	23	18.3	24	134	13	..	33	24	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	148
Raoul Island AWS	49	23.8	18.7	21.3	..	26.6	5	15.3	28	176	15	..	46	16	..
Enderby Is AWS	40	10.7	6.8	8.8	..	12.8	14	2.7	5	81	27	..	13	26	..
Campbell Island AWS	19	9.6	6.0	7.8	+0.2	12.0	14	-1.2	5	60	25	-63	12	26	..
Chatham Island EWS	12	17.2	11.2	14.2	..	20.5	4	3.6	14	45	13	..	12	18	..
Chatham Island Aero A	12	17.3	11.4	14.4	..	20.7	4	3.7	14	55	19	..	13	18	..
Georg Von Neumayer	40	-13.4	-21.2	-17.3	..	-4.6	6	-32.0	4	..	..	..	..	..	..
Ant South Pole	2827	-53.4	-61.0	-57.2	..	-40.5	9	-72.7	2	..	..	..	..	..	..
Halley Bay	30	-15.3	-24.3	-19.8	..	-3.8	8	-40.8	29	..	..	..	..	..	..
Gen Belgrano 2	32	-11.2	-17.5	-14.4	..	..	..	..	..	..	..	..	..	..	..
Bellingshausen	16	1.4	-0.3	0.6	..	..	..	..	..	..	..	..	..	..	..
Base Jubany	4	3.4	-0.8	1.3	..	7.5	10	-4.6	8	..	..	..	..	..	..
Dinamet	10	2.2	-1.1	0.6	..	..	..	-10.6	25	..	..	..	..	..	..
V C Marambio	198	-0.2	-7.9	-4.1	..	10.0	1	-17.6	8	..	..	..	..	..	..
Eduardo Frei	10	1.9	-0.7	0.6	..	3.4	10	-3.9	8	..	..	..	..	..	..
Arturo Prat		2.2	-0.3	1.0	..	3.8	9	-3.2	8	..	..	..	..	..	..
Great Wall	10	2.2	-0.5	0.9	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.4	-2.0	-0.8	..	3.9	18	-9.3	23	..	..	..	..	..	..
Palmer Station	8	2.7	-0.9	0.9	..	7.5	10	-3.7	23	..	..	..	..	..	..
Rothera Point	16	0.1	-3.2	-1.6	..	3.8	1	-6.7	7	..	..	..	..	..	..
Argentine Is, Faraday	11	1.7	-1.6	0.1	..	..	..	..	..	..	..	..	..	..	..
Gen San Martin	4	2.4	-2.9	-0.3	..	..	..	..	..	..	..	..	..	..	..
King Sejong	11	3.0	0.4	1.7	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-10.9	-15.2	-13.1	..	-3.5	7	-25.8	25	..	..	..	..	..	..
Mawson	16	-12.0	-17.6	-14.8	..	-6.0	22	-24.9	9	..	..	..	..	..	..
Davis	13	-12.2	-19.9	-16.1	..	-4.9	27	-28.9	10	..	..	..	..	..	..
Progress	64	-12.6	-16.6	-14.6	..	-4.7	27	-28.8	8	..	..	..	..	..	..
Mirnyj	30	-13.2	-17.4	-15.3	..	-3.7	26	..	..	..	..	..	..	..	..
Vostok	3420	-61.7	-66.5	-64.1	..	-49.1	26	-74.7	3	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine April 2013

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		
Casey	41	-10.9	-16.4	-13.7	..	0.7	25	-25.3	12	..	..	..	..	..	
Wilkins Runway East	755	-18.0	-27.4	-22.7	..	..	..	..	..	..	..	..	..	..	
Durmout Durville	43	-13.4	-19.0	-16.2	..	-5.0	24	-25.1	18	..	..	..	..	..	
Mcmurdo	24	-20.8	-27.2	-24.0	..	-11.6	11	-33.8	21	..	..	..	..	..	
Ant Scott Base	22	-23.0	-34.8	-28.9	..	-11.5	8	-47.6	21	..	..	..	..	..	
Ant Arrival Heights E	218	-23.1	-29.9	-26.5	..	-14.6	11	-37.2	19	..	..	..	..	..	
Ant Scott Base EWS	22	-23.5	-34.7	-29.1	..	-12.2	8	-47.7	21	..	..	..	..	..	
Darwin Airport	31	33.3	18.6	26.0	..	35.4	17	15.3	28	96	5	..	92	1	
Hobart Airport	4	23.8	8.3	16.1	..	26.6	5	3.9	25	..	..	..	..	..	
Late returns and corrections for March 2013															
Thames 2	3	24.5	12.7	18.6	+0.3	..	..	..	..	15	7	-63	7	17	..
Mt Ruapehu, Chateau E	1097	19.2	6.9	13.1	+2.4	26.1	11	2.1	21	59	5	-115	24	17	..
Dannevirke EWS	207	24.1	9.4	16.8	..	29.2	11	3.1	21	73	4	..	59	18	238
Waipawa EWS	130	23.7	10.0	16.9	..	30.1	18	4.3	6	29	2	..	24	18	241
Mana Island	2	21.1	13.0	17.1	+0.4	23.9	1	8.0	21	59	4	-1	29	18	..
Wallaceville EWS	56	22.1	9.2	15.7	+0.2	25.0	14	2.4	21	64	4	-19	46	18	232
Ohakune EWS	607	22.7	8.0	15.4	+1.9	27.5	11	2.8	22	19	3	-49	9	18	236
Westport Aero AWS	2	21.0	12.3	16.7	+1.4	22.9	10	8.6	8	75	5	-61	30	17	..
Arapito EWS	18	21.6	10.7	16.2	..	23.9	9	6.1	11	..	..	..	..	..	..
Arthurs Pass EWS	738	19.0	7.6	13.3	+2.2	26.4	1	3.0	21	180	11	-129	80	17	..
Craigieburn Forest	914	20.1	6.6	13.4	+1.6	26.4	8	0.7	20	95	10	-12	51	17	..
Naseby Forest 2	607	20.6	6.5	13.6	+1.6	28.1	14	1.3	20	52	8	+4	38	17	..
Middlemarch EWS	213	22.4	7.6	15.0	+1.7	30.9	14	-0.3	20	24	4	..	21	17	166
Murchison Mtns EWS	1140	13.9	6.4	10.2	..	19.7	9	0.5	19	160	12	..	71	24	..
Cromwell EWS	213	24.0	9.6	16.8	+2.2	29.9	8	3.1	20	33	2	..	28	17	244
Lauder EWS	375	23.7	6.9	15.3	+2.1	30.2	14	0.5	20	30	4	-7	25	17	..
Vanuat u,Burtonfield	70	30.2	22.6	26.4	..	..	..	..	..	..	..	..	..	..	..
Pitcairn Is	264	26.2	20.3	23.3	..	28.4	..	18.2	6	253	..	..	86	5	235
Late returns and corrections for February 2013															
Kerikeri EWS	79	24.7	14.0	19.4	-0.3	..	..	10.7	10	51	8	-69	34	3	..
Mt Ruapehu, Chateau E	1097	20.6	6.3	13.5	+0.9	24.2	19	-1.1	6	77	5	-90	65	4	..
Ohakune EWS	607	23.4	9.0	16.2	+0.8	27.6	3	4.1	7	35	4	-50	30	4	256
Arapito EWS	18	21.8	10.8	16.3	..	24.4	3	7.5	19	..	..	..	..	..	..
Arthurs Pass EWS	738	21.5	8.2	14.9	+1.4	27.6	1	2.2	6	52	3	-217	49	4	..
Murchison Mtns EWS	1140	14.9	6.4	10.7	..	23.0	18	0.2	5	71	11	..	15	10	..
Pitcairn Is	264	25.9	20.2	23.1	..	27.8	20	17.6	..	209	..	..	39	14	180
Late returns and corrections for January 2013															
Mt Ruapehu, Chateau E	1097	19.1	6.1	12.6	+0.2	25.7	6	0.2	4	90	13	-99	23	17	..
Ohakune EWS	607	23.0	10.1	16.6	+1.2	28.8	29	3.1	19	56	10	-45	18	15	298
Arapito EWS	18	20.7	11.2	16.0	..	25.2	29	3.8	3	216	14	..	50	2	..
Arthurs Pass EWS	738	18.6	7.7	13.2	-0.1	28.6	29	1.5	18	672	16	+265	240	1	..
Murchison Mtns EWS	1140	13.7	5.1	9.4	..	23.4	5	0.2	3	402	20	..	153	9	..
Pitcairn Is	264	25.4	20.2	22.8	..	27.7	30	18.6	1	58	..	..	23	10	224
Late returns and corrections for December 2012															
Murchison Mtns EWS	1140	12.3	4.3	8.3	..	21.7	24	-0.8	1	351	20	..	97	31	..

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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