

APRIL 2010

Summary of the records of Temperature, Rainfall and Sunshine April 2010

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine Hrs
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm	
Cape Reinga AWS	214	20.4	14.9	17.7	..	23.5	4	13.2	8	29	15	-87	11	27	..
Kaitaia Aero EWS	80	21.8	12.9	17.4	..	24.6	2	9.9	24	41	9	..	14	5	..
Kaitaia Observatory	85	21.6	12.7	17.2	..	24.6	4	10.0	19	39	11	-50	18	5	..
Kaitaia EWS	85	20.7	12.0	16.4	-0.5	23.1	4	9.1	9	40	10	..	18	5	176
Kerikeri EWS	79	21.7	10.7	16.2	-0.3	..	..	..	..	..	..	..	..	..	..
Kerikeri Aerodrome Aw	150	21.1	11.8	16.5	..	23.1	24	9.1	9	100	14	..	53	27	..
Kaikohe AWS	204	21.1	13.1	17.1	+1.2	25.3	4	10.3	9	85	18	-51	32	27	..
Trounson Cws	220	19.7	11.2	15.5	..	23.3	5	6.9	11	50	14	..	11	30	..
Dargaville 2 EWS	66	21.0	11.9	16.5	..	23.2	5	7.7	9	41	12	..	12	27	157
Purerua AWS	82	20.6	13.5	17.1	..	..	..	..	..	..	..	..	..	..	..
Whangarei Aero AWS	37	21.3	13.1	17.2	+0.6	23.8	30	9.1	9	41	13	-80	24	27	..
Leigh 2	27	21.8	14.6	18.2	+1.0	24.2	14	12.0	17	24	13	-72	8	5	..
Warkworth EWS	72	20.1	10.7	15.4	..	22.0	5	5.2	17	30	12	-82	8	4	..
Whangaparaoa AWS	89	21.5	14.7	18.1	..	23.8	4	12.0	8	15	11	..	6	27	..
Tiri Tiri Lighthouse	76	19.9	15.6	17.8	+1.1	21.9	24	13.3	17	16	8	-65	7	27	..
Kumeu Ews, Auckland R	16	20.1	9.5	14.8	..	23.0	5	3.3	10	44	12	..	15	27	..
Whenuapai AWS	26	20.6	10.8	15.7	..	23.6	5	5.2	10	..	..	..	..	..	..
North Shore, Auckland	20	21.2	13.1	17.2	..	..	..	8.7	17	..	..	..	..	..	..
North Shore Albany Ew	64	20.5	12.1	16.3	..	22.4	5	7.1	9	..	..	..	..	..	177
Henderson, River Pk	7	21.8	10.8	16.3	+0.3	25.1	5	5.6	9	46	14	-49	12	27	..
Henderson, Auckland R	35	20.9	12.8	16.9	..	23.7	5	8.6	9	..	..	..	..	..	..
Lincoln Rd, Auckland	25	22.5	9.7	16.1	..	..	..	4.9	13	..	..	..	..	..	..
Khyber Pass, Auckland	81	20.1	13.8	17.0	..	22.7	25	9.4	8	54	10	..	26	27	..
Musick Pt Ews, Auckla	18	20.8	13.1	17.0	..	..	..	8.8	8	..	..	..	..	..	..
Onehunga, Auckland Re	5	20.7	13.8	17.3	+1.0	23.2	5	9.1	9	..	..	..	..	..	..
Waiheke Island, Awaro	34	21.7	11.1	16.4	..	25.0	5	5.8	10	22	6	-78	8	27	..
Whitianga Aero AWS	5	20.8	10.9	15.9	+0.6	22.9	24	5.4	8	45	16	-103	10	4	..
Thames 2	3	21.2	11.2	16.2	+0.1	25.1	..	6.0	10	33	..	-74	16	30	..
Paeroa AWS	18	21.2	10.4	15.8	+0.5	25.2	5	3.8	8	75	8	-35	28	6	..
Toenepi EWS	48	21.2	10.0	15.6	..	25.7	5	2.6	17	31	6	..	14	6	..
Matamata, Hinuera EWS	106	21.2	8.2	14.7	..	25.9	25	0.3	17	33	8	..	9	30	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	207
Tauranga Aero AWS	4	21.0	11.5	16.3	+0.8	23.9	5	7.2	17	27	8	-85	9	6	..
Te Puke EWS	91	20.8	9.6	15.2	..	24.6	5	5.0	17	84	6	-58	58	6	..
Whakatane Aero AWS	7	20.9	9.5	15.2	+0.4	24.9	5	3.1	17	80	6	-13	51	6	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	232
White Island	310	18.1	13.3	15.7	..	..	..	10.2	17	..	..	..	..	..	..
Kawerau AWS	42	21.8	9.4	15.6	..	24.1	5	3.8	8	..	..	..	..	..	200
Rotorua Aero 2	281	..	..	..	..	..	..	..	..	..	..	..	..	..	201
Rotorua Aero AWS	283	18.7	8.8	13.8	+0.3	21.7	5	1.3	17	41	6	-75	19	6	..
Galatea AWS	174	19.7	7.4	13.6	..	21.7	1	-1.6	17	31	6	..	22	6	..
Taupo Wxt AWS	385	17.8	9.1	13.5	..	20.7	25	1.8	17	37	5	..	16	6	..
Tarapounamu EWS	701	14.4	7.0	10.7	..	17.4	18	2.4	17	53	8	..	19	6	..
Taupo AWS	400	18.0	7.5	12.8	+0.4	21.0	25	0.0	17	33	7	..	13	6	..
Opotiki	5	21.1	9.6	15.4	+0.2	23.4	5	3.9	17	67	6	-46	32	27	..
Motu EWS	488	18.2	5.7	12.0	..	22.3	25	-2.1	17	96	13	..	28	27	..
Otamatuna, Te Mapou H	624	16.5	7.5	12.0	..	19.3	21	2.2	17	79	9	..	39	6	..
Mangere EWS	5	20.4	12.1	16.3	..	23.3	25	7.1	17	67	13	..	20	27	165
Wiri, Auckland Region	18	20.2	13.3	16.8	+1.1	22.9	4	8.5	10	..	..	..	..	..	..
Pakuranga, Auckland R	15	21.3	11.3	16.3	..	..	..	5.5	17	..	..	..	..	..	..
Penrose Ews, Auckland	30	20.9	11.5	16.2	..	..	..	6.3	17	..	..	..	..	..	..
Auckland Aero	33	20.9	13.0	17.0	+0.7	24.2	5	8.6	17	56	12	-40	15	5	..
Ardmore	23	22.2	8.6	15.4	+0.1	24.8	4	3.0	19	47	13	-63	15	5	..
Pukekohe EWS	88	20.0	10.8	15.4	-0.1	24.0	5	5.8	17	51	13	..	16	27	..
Whatawhata 2 EWS	118	20.6	10.4	15.5	..	24.8	5	4.6	8	46	10	..	18	27	..
Hamilton, Ruakura 2 E	45	20.7	8.9	14.8	..	24.7	5	1.6	17	31	7	..	12	6	163
Hamilton AWS	53	20.9	8.9	14.9	+0.7	24.4	5	1.7	10	37	10	-57	18	6	..
Lake Karapiro Cws	55	19.9	11.0	15.5	..	22.9	5	4.8	17	27	6	..	12	6	..
Port Taharoa AWS	27	20.6	12.9	16.8	+0.5	23.8	26	8.1	9	..	..	..	..	..	..
Waikeria	46	21.5	8.6	15.1	+1.0	25.0	5	0.5	17	46	4	-42	22	6	..
Te Kuiti EWS	62	20.6	8.3	14.5	..	24.9	5	1.9	9	62	8	..	22	30	153
Pureora Forest Cws	549	16.3	7.1	11.7	..	20.0	5	-1.0	17	74	6	..	34	6	..
Taumarunui	171	19.2	8.0	13.6	+0.2	24.4	5	1.4	8	36	14	-76	13	13	..

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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		
Taumarunui AWS	195	20.0	6.6	13.3	..	24.3	15	-1.4	10	39	15	..	10	6	144
Turangi 2 EWS	350	18.8	5.0	11.9	..	21.7	2	-3.1	8	32	8	..	11	13	187
New Plymouth Aero	27	..	..	..	..	..	..	..	..	..	..	..	..	..	173
New Plymouth AWS	30	19.5	11.1	15.3	+0.7	22.7	5	4.0	17	54	13	-81	21	27	..
Mt Ruapehu, Chateau E	1097	13.4	4.1	8.8	+0.5	16.5	1	-1.8	17	136	14	-62	42	30	..
Alfredton EWS	240	18.6	9.2	13.9	..	21.7	4	0.6	10	24	13	..	5	23	..
Masterton Aero AWS	138	20.5	5.8	13.2	..	24.3	25	-0.6	17	14	11	..	5	5	..
Masterton, Te Ore Ore	110	21.3	5.9	13.6	..	25.6	1	-0.5	17	13	7	..	4	5	..
Kopua	311	19.0	7.8	13.4	+0.8	23.5	25	0.8	17	18	7	-68	10	6	..
Takapau Plains AWS	330	18.5	6.6	12.6	..	23.0	25	-0.4	17	27	15	..	16	6	..
Dannevirke EWS	207	19.0	8.6	13.8	..	22.6	26	0.1	10	23	6	..	16	6	192
Waione EWS	48	20.3	9.1	14.7	..	24.1	26	0.0	11	20	14	..	7	6	..
Cape Turnagain AWS	292	16.3	11.9	14.1	..	19.5	12	7.5	17	15	13	..	5	6	..
Akitio EWS	245	17.6	10.6	14.1	..	21.5	26	4.0	17	17	6	..	11	6	224
Castlepoint Station	9	19.9	12.4	16.2	..	23.2	1	4.7	17	12	6	-66	4	6	..
Castlepoint AWS	120	18.7	12.4	15.6	+0.5	22.1	26	6.8	17	15	8	..	5	6	..
Te Wharau, Brackenfie	292	18.6	7.1	12.9	..	22.3	1	0.6	17	26	..	..	6	16	..
Martinborough EWS	20	20.2	8.4	14.3	..	23.4	19	-0.2	17	11	5	..	8	27	203
Ngawi AWS	6	19.7	13.1	16.4	..	24.3	27	7.3	9	24	6	..	12	27	..
Hicks Bay AWS	46	19.7	12.6	16.2	+0.1	22.2	21	7.3	17	42	12	..	13	27	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	227
Gisborne AWS	5	21.7	9.3	15.5	+0.6	25.3	15	4.7	17	75	8	-31	29	6	..
Tolaga Bay Wxt AWS	12	19.7	9.2	14.5	..	24.2	14	3.5	17	54	9	..	15	6	..
Napier Aero AWS	3	20.4	9.0	14.7	+0.2	24.6	15	1.7	17	41	7	-38	18	6	..
Napier Nelson Pk	2	21.3	9.1	15.2	+0.2	25.1	14	2.6	17	45	7	-30	21	6	210
Hastings AWS	16	21.5	7.6	14.6	..	25.2	15	0.6	17	21	14	..	13	6	..
Whakatu EWS	5	21.3	6.3	13.8	..	25.6	15	-0.9	17	24	7	..	16	6	..
Waipawa EWS	130	20.4	5.4	12.9	..	24.4	2	-1.0	17	26	6	..	15	6	222
Wairoa, North Clyde E	15	21.0	8.3	14.7	-0.2	25.2	22	3.3	17	108	7	-37	58	6	..
Mahia Radar Wxt AWS	419	16.9	11.8	14.4	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	19.1	12.1	15.6	+0.6	23.2	14	..	..	20	8	..	12	6	..
Cape Kidnappers Wxt A	118	17.7	13.1	15.4	..	22.6	15	8.5	17	84	14	..	53	6	..
Paraparaumu Aero	5	18.4	10.7	14.6	+0.9	22.7	27	1.0	9	65	7	-13	38	27	159
Paraparaumu Aero AWS	5	17.9	10.9	14.4	+0.7	22.4	27	0.7	9	59	8	..	34	27	171
Ohakea AWS	50	19.1	10.5	14.8	..	22.5	25	3.7	9	..	..	..	..	..	..
Palmerston North AWS	39	19.3	8.6	14.0	+0.3	22.6	13	0.0	10	44	11	-24	12	24	..
Palmerston North EWS	21	18.7	9.1	13.9	..	21.9	26	0.4	10	33	12	..	9	27	155
Levin AWS	14	18.6	9.4	14.0	+0.1	21.0	26	1.3	8	54	11	..	17	30	..
Mana Island AWS	100	16.1	12.3	14.2	..	..	..	..	..	40	8	..	28	27	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	161
Wellington, Kelburn A	125	17.5	12.1	14.8	..	21.2	27	6.2	9	39	10	..	21	27	..
Wellington Aero	4	18.5	12.8	15.7	+1.2	23.1	27	7.0	9	27	4	-56	20	27	..
Wallaceville EWS	56	19.7	9.1	14.4	..	23.4	27	0.2	10	51	7	-46	38	27	150
Stratford EWS	300	17.9	8.1	13.0	..	20.7	24	3.3	11	123	9	..	57	13	170
Hawera AWS	98	18.1	9.8	14.0	..	21.7	27	1.7	10	64	14	..	20	30	..
Ohakune EWS	607	16.1	7.1	11.6	..	19.4	5	-1.1	17	43	9	..	22	6	178
Waiouru	806	15.0	4.4	9.7	-0.1	17.9	25	-1.8	17	30	11	-48	20	6	..
Waiouru AWS	820	14.5	4.0	9.3	..	17.8	13	-2.4	17	30	13	-54	18	6	..
Taihape Rec	433	18.7	4.7	11.7	-0.1	22.0	11	-1.9	10	26	12	-45	10	6	..
Wanganui,Spriggens Pa	15	19.7	11.1	15.4	+0.7	23.4	25	5.6	10	28	5	-44	10	27	..
Wanganui AWS	8	19.0	10.9	15.0	+0.3	22.0	26	3.4	9	31	6	..	10	27	..
Wanganui 2 AWS	18	20.1	10.4	15.3	..	23.6	25	3.7	10	..	..	..	..	..	..
Takaka, Kotinga 2	25	20.3	8.0	14.2	+1.3	24.1	1	..	..	70	12	-95	28	13	..
Takaka EWS	20	20.0	7.8	13.9	..	23.9	1	2.4	22	64	8	..	26	13	182
Farewell Spit AWS	3	18.8	12.2	15.5	+1.0	20.8	2	7.9	17	31	5	..	14	27	..
Westport Aero AWS	2	17.5	10.5	14.0	+0.6	19.8	12	6.2	11	134	20	-48	23	24	..
Arapito	18	18.2	9.9	14.1	+0.6	22.1	4	5.7	9	205	16	+34	36	13	122
Arapito EWS	18	18.0	9.2	13.6	..	22.0	4	5.0	9	192	17	..	34	13	..
Murchison EWS	185	18.2	7.2	12.7	..	22.8	2	0.6	8	106	13	-32	28	29	..
Lake Rotoiti EWS	634	16.6	4.8	10.7	..	20.1	1	-1.4	11	102	14	..	24	13	..
Hokitika Aero	39	16.6	10.1	13.4	+0.9	19.9	6	5.1	16	251	18	+2	49	13	101
Hokitika AWS	38	16.6	10.1	13.4	+0.9	19.6	6	4.8	16	247	18	..	48	13	..
Reefton EWS	198	17.9	8.6	13.3	+1.5	21.5	3	1.3	8	117	15	-44	32	27	102

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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		
Greymouth Aero	4	17.2	10.3	13.8	+0.7	19.7	6	5.3	16	231	20	+12	37	28	109
Greymouth Aero EWS	5	16.5	10.8	13.7	..	19.4	6	6.2	16	230	20	..	37	29	122
Pigeon Creek Cws	105	16.1	9.1	12.6	..	18.9	3	1.6	11	441	19	..	103	13	..
Mahanga EWS	1995	6.7	1.4	4.1	..	13.1	2	-4.7	16	268	15	..	55	13	..
Okarito	2	16.4	10.4	13.4	..	19.3	1	5.3	9	319	20	+72	64	27	..
Franz Josef	155	16.1	9.1	12.6	+0.6	19.8	6	..	..	718	23	+283	128	27	..
Franz Josef EWS	80	16.0	9.0	12.5	..	19.8	2	2.8	16	498	20	..	92	27	78
Haast AWS	5	16.0	10.3	13.2	+1.0	18.3	7	2.6	16	444	23	..	52	24	..
Milford Sound	3	15.8	8.7	12.3	+1.1	18.6	11	2.8	16	1424	20	+831	314	25	..
Milford Sound AWS	3	16.2	8.4	12.3	..	..	..	..	..	..	..	..	..	..	..
Secretary Island AWS	19	15.0	10.6	12.8	..	17.1	12	6.0	16	709	23	..	72	12	..
Puysegur Point AWS	44	14.1	10.2	12.2	+0.3	19.6	11	5.0	5	376	25	+161	64	2	..
Motueka, Riwaka EWS	8	20.3	6.7	13.5	+0.6	23.4	24	1.4	9	61	7	-60	26	27	..
Pelorus Sd, Crail Bay	13	19.3	12.6	16.0	+1.5	22.8	19	6.3	9	53	9	-85	17	27	..
Nelson Aero	2	19.1	9.2	14.2	+1.1	22.9	15	4.9	9	29	6	-55	16	27	206
Appleby 2 EWS	18	19.5	5.5	12.5	..	23.2	22	-0.4	9	26	6	..	10	27	209
Nelson AWS	4	19.8	9.1	14.5	+0.8	22.3	15	4.6	9	29	8	..	15	27	..
Blenheim Research EWS	4	20.6	9.1	14.9	+1.4	25.1	23	2.3	9	7	3	-48	3	13	213
Wairau Valley, Mill R	172	20.0	7.8	13.9	..	25.6	2	-0.4	9	36	5	..	17	27	..
Blenheim Aero AWS	35	21.1	7.3	14.2	+1.1	25.7	23	-1.1	11	5	2	-61	3	13	..
Brothers Island AWS	68	16.7	13.1	14.9	..	19.9	19	8.4	16	17	9	..	9	27	..
Awatere Valley, Dashw	83	20.6	9.1	14.9	..	25.1	1	0.1	9	2	4	..	1	13	..
Cape Campbell AWS	2	16.8	12.5	14.7	..	21.0	15	8.1	16	6	6	..	4	6	..
Boyle River Lodge	600	16.7	5.5	11.1	..	22.0	10	-2.5	8	156	14	..	38	29	..
Hanmer Forest EWS	363	19.9	4.7	12.3	+1.5	24.6	2	-3.1	8	18	6	-72	9	6	..
Kaikoura AWS	105	18.4	10.9	14.7	+1.6	24.9	30	5.6	16	10	4	-65	5	6	..
Arthurs Pass	738	13.0	6.1	9.6	+1.3	16.4	2	-1.5	9	591	14	+230	113	25	..
Arthurs Pass EWS	738	12.5	5.7	9.1	..	16.2	2	-1.6	8	523	14	..	110	25	..
Culverden AWS	181	19.1	6.5	12.8	..	25.7	2	0.0	8	4	7	..	3	15	..
Waiau School Cws	136	20.4	6.4	13.4	..	27.2	2	-0.4	8	17	6	..	6	6	..
Cheviot EWS	75	20.5	6.1	13.3	..	27.4	11	-1.2	10	31	5	..	11	15	177
Mt Potts EWS	2128	7.1	0.8	4.0	..	14.0	2	-7.0	16	..	..	..	..	..	..
Mt Cook EWS	765	16.4	5.9	11.2	+1.8	22.5	2	-0.7	16	578	19	+215	115	29	98
Snowdon EWS	560	17.4	6.9	12.2	..	23.9	20	-0.4	8	42	11	..	13	3	..
Methven, Three Spring	305	18.6	6.8	12.7	..	26.4	1	1.2	18	42	9	..	9	15	..
Methven Cws	313	19.2	8.3	13.8	..	26.2	1	2.2	11	47	9	..	9	6	..
Winchmore EWS	160	20.1	7.1	13.6	+1.9	27.8	1	-0.1	9	44	9	-16	10	24	..
Peel Forest	286	18.9	5.6	12.3	+1.5	25.1	1	0.7	16	82	12	-6	23	26	..
Ashburton Council	101	20.3	7.4	13.9	+1.8	27.5	1	..	..	37	10	-21	11	24	..
Ashburton Aero AWS	89	19.7	6.8	13.3	..	27.2	1	0.8	8	43	10	..	12	24	185
Waipara West EWS	130	20.5	8.7	14.6	..	27.5	1	2.8	9	9	6	..	3	24	193
Rangiora EWS	23	20.2	6.5	13.4	+1.4	27.6	1	-0.7	10	13	4	..	7	24	152
Darfield EWS	190	19.9	8.7	14.3	..	28.6	1	3.0	9	19	8	..	5	15	..
Christchurch Aero	37	19.9	6.6	13.3	+1.2	27.4	1	-1.5	10	24	5	-27	13	24	167
Christchurch Gardens	7	19.9	7.9	13.9	+1.1	28.0	1	2.2	8	18	5	-36	10	24	..
Christchurch, Kyle St	6	20.1	8.2	14.2	..	28.5	1	2.1	10	19	3	..	11	24	..
New Brighton Pier AWS	12	17.4	10.7	14.1	..	23.2	15	6.1	10	..	..	..	..	..	..
Lincoln, Broadfield E	18	19.6	7.9	13.8	+1.6	27.8	1	-1.0	10	25	7	..	13	15	..
Sugar Loaf AWS	618	17.4	9.2	13.3	..	25.0	1	3.2	16	..	..	..	..	..	..
Lyttelton Harbour	5	19.5	11.3	15.4	..	26.6	22	7.6	10	11	3	..	8	24	..
Leeston, Harts Creek	12	19.4	7.7	13.6	..	26.4	1	-0.8	10	28	9	..	11	24	..
Akaroa EWS	45	19.8	9.9	14.9	..	26.4	1	4.6	16	21	4	..	16	15	170
Le Bons Bay AWS	236	17.9	10.4	14.2	+1.9	23.6	12	4.0	16	27	7	..	16	15	..
Lake Tekapo EWS	762	17.6	6.0	11.8	..	23.6	2	-1.0	16	39	7	..	9	3	165
Fairlie AWS	403	18.2	6.4	12.3	..	25.1	2	0.5	18	44	17	..	16	13	..
Pukaki Aerodrome AWS	473	18.7	4.0	11.4	..	25.2	2	-2.4	11	71	14	..	26	26	..
Hakataramea Valley Cw	355	19.3	5.7	12.5	..	25.4	2	-0.8	7	22	8	..	9	3	..
Woodbury	195	20.3	6.2	13.3	..	..	..	..	..	..	..	..	..	..	..
Orari Estate	81	19.1	6.0	12.6	+1.3	26.0	22	0.7	8	45	10	-16	14	26	..
Orari Estate Cws	81	18.9	6.2	12.6	..	25.2	22	0.8	8	45	10	..	14	26	..
Timaru Aero AWS	26	19.0	5.6	12.3	+1.2	26.3	22	0.1	11	37	10	-12	12	26	..
Timaru EWS	17	17.7	7.7	12.7	..	23.6	17	2.5	8	29	11	..	9	3	..
Waimate Cws	55	18.7	6.8	12.8	..	26.1	22	1.1	8	42	10	..	20	26	..

Summary of the records of Temperature, Rainfall and Sunshine April 2010

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	17.6	6.6	12.1	..	25.0	22	2.6	7	38	11	..	12	26	..
Eglinton, Knobs Flat	365	14.4	5.6	10.0	..	18.9	20	-1.7	7	534	20	..	151	25	..
Tara Hills AWS	488	18.5	5.7	12.1	+2.3	23.6	20	-2.4	11	48	8	+6	15	26	..
Wanaka Aero AWS	352	17.8	7.5	12.7	..	23.2	25	0.2	7	82	8	..	23	25	..
Naseby Forest 2	607	17.4	4.6	11.0	+2.1	..	..	..	..	48	10	+1	20	3	..
Windsor EWS	81	19.8	5.7	12.8	..	..	..	..	..	40	9	..	15	26	..
Ranfurly EWS	450	18.8	4.9	11.9	..	25.0	25	-2.5	8	45	10	..	15	3	..
Oamaru AWS	40	18.7	7.9	13.3	..	25.4	22	2.7	8	55	13	..	19	26	..
Rock And Pillar	270	18.7	7.2	13.0	..	24.8	2	-0.9	9	..	..	..	..	..	..
Palmerston	21	18.3	5.7	12.0	+1.3	23.9	22	-1.8	11	65	11	+18	21	26	137
Middlemarch EWS	213	19.5	6.0	12.8	..	26.7	2	-2.3	9	46	9	..	13	25	137
Swampy Summit AWS	722	13.0	5.6	9.3	..	21.4	2	-0.7	16	..	..	..	..	..	..
Dunedin Aero AWS	1	17.7	6.0	11.9	+1.2	26.1	2	-1.8	5	63	10	+18	23	25	..
Dunedin, Musselburgh	4	16.4	9.2	12.8	+0.9	21.7	2	5.0	8	50	12	-8	15	25	119
Murchison Mtns EWS	1140	8.6	2.7	5.7	..	14.1	20	-3.5	16	716	21	..	145	25	..
Takahe Valley Cws	895	11.2	3.5	7.4	..	15.2	2	-2.3	16	543	20	..	135	25	..
Manapouri, West Arm J	178	15.1	8.7	11.9	..	18.5	20	1.1	8	557	21	..	78	25	..
Manapouri Aero AWS	209	15.2	6.3	10.8	..	20.6	2	-1.1	5	271	18	..	79	25	..
Queenstown	329	17.0	7.5	12.3	+1.2	23.2	1	2.4	7	176	11	+101	68	25	116
Queenstown Aero AWS	354	16.5	6.0	11.3	+1.5	21.6	3	-0.5	8	140	11	+79	62	25	..
Lumsden AWS	187	16.1	5.8	11.0	+0.9	20.6	21	..	..	141	18	..	52	25	..
Cromwell EWS	213	20.0	7.1	13.6	..	25.9	25	0.4	8	42	7	..	14	25	160
Lauder EWS	375	18.5	5.7	12.1	..	23.9	25	-1.4	7	45	7	..	15	3	..
Ophir 2	305	18.3	4.0	11.2	..	22.8	2	-3.5	9	49	8	..	21	26	..
Alexandra	150	19.6	5.7	12.7	..	..	..	..	..	..	..	..	..	..	..
Clyde EWS	171	18.9	5.2	12.1	+1.5	23.1	20	-1.3	9	41	10	..	14	3	..
Alexandra Cws	140	19.4	6.0	12.7	..	24.3	3	-0.4	8	47	10	..	22	3	..
Ettrick No.2	91	18.5	6.5	12.5	+1.9	23.9	2	-1.5	9	57	8	..	22	25	..
Tapanui	180	16.4	6.4	11.4	+0.9	21.3	2	-1.7	5	91	..	+19	22	25	..
Waitutu Cws	30	15.6	7.1	11.4	..	22.4	2	0.6	5	311	23	..	39	2	..
Winton	44	16.6	7.0	11.8	+1.2	22.0	12	-0.5	6	170	14	+92	52	25	110
Gore AWS	123	14.8	6.9	10.9	+0.6	19.7	29	0.2	5	150	21	+75	40	25	..
Invercargill Aero	15.2	7.7	11.5	+1.1	19.4	9	-1.9	5	143	22	+43	32	25	91	..
Invercargill Aero AWS	1	15.3	7.8	11.6	..	19.8	9	-1.4	5	151	22	..	32	25	..
Invercargill Aero 2 E	..	..	..	..	..	..	..	..	..	138	22	..	28	25	84
Tiwai Point EWS	5	14.2	8.9	11.6	+0.4	19.4	10	2.6	5	120	22	+16	23	25	..
Balclutha, Telford Ew	11	16.0	6.6	11.3	..	22.0	2	-2.3	5	74	17	..	18	25	121
Nugget Point AWS	129	14.5	8.4	11.5	+0.7	20.9	11	3.5	16	61	19	..	12	25	..
Tautuku	25	16.1	7.6	11.9	+1.0	24.0	1	1.5	5	111	16	+13	24	25	..
South West Cape AWS	101	12.9	9.0	11.0	..	18.6	12	5.6	5	..	..	..	..	..	..
Solomon, Taro Is	3	31.3	25.2	28.3	..	33.3	7	..	..	..	..	..	..	..	..
Solomon, Munda	6	31.7	24.3	28.0	..	33.4	21	..	..	..	..	..	..	..	..
Solomon, Auki	11	31.9	24.2	28.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.5	24.5	28.5	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.1	23.7	27.9	..	32.8	12	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	31.8	24.7	28.3	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	31.7	23.7	27.7	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.3	22.9	26.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	..	21.6	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	29.6	21.3	25.5	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	28.6	22.3	25.5	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	28.6	23.0	25.8	..	31.0	10	..	..	..	..	..	..	..	..
New Cal, Ouanaham	29	27.9	21.1	24.5	..	29.5	10	15.5	13	..	..	..	..	..	..
New Cal, Poinoimie	13	28.4	..	..	..	30.2	16	..	..	..	..	..	..	..	..
New Cal, La Roche	42	27.3	20.1	23.7	..	30.1	10	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	31.1	19.4	25.3	..	34.3	13	15.9	12	2	4	..	1	17	..
New Cal, Nouma	72	27.4	22.1	24.8	..	29.6	13	..	..	25	9	..	9	15	..
New Cal, Moue	97	26.7	21.0	23.9	..	..	..	..	..	..	..	..	..	..	..
New Cal, Matthew	27	26.1	23.4	24.8	..	27.7	6	20.4	18	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	31.7	25.5	28.6	..	32.7	26	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.7	27.5	30.1	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	31.7	25.8	28.8	..	..	..	..	..	..	..	..	..	..	..
Fiji,Rotuma	26	30.8	25.2	28.0	..	..	..	24.2	9	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine April 2010

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		
Fiji, Nambowalu	36	29.7	24.0	26.9	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.5	22.8	26.7	..	33.2	17	20.2	29	..	..	..	..	..
Fiji,Nausori Aero	6	29.6	22.5	26.1	..	32.0	4	..	..	..	..	..	..	..
Fiji, Vunisea	33	28.7	23.2	26.0	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	31.3	25.8	28.6	..	32.6	7	23.6	30	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.2	25.8	28.5	..	33.5	19	23.9	8	..	..	..	..	..
Samoa,Faleolo	4	31.7	24.7	28.2	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.3	25.1	28.2	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.9	25.8	28.4	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	31.4	25.1	28.3	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.4	22.4	25.9	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	29.9	24.2	27.1	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	28.8	22.9	25.9	..	..	..	..	..	..	..	..	..	..
Niue, Hanan Airport	59	29.3	23.9	26.6	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	29.1	23.6	26.4	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	4	29.0	23.7	26.4	..	31.1	14	20.9	17	243	20	..	96	20	
Hiva Hoa, Atuona	51	32.4	24.3	28.4	..	34.3	10	23.1	28	17	8	..	10	30	
Tahiti - Faa	1	32.0	25.1	28.6	..	32.9	2	23.9	14	26	9	..	7	4	
Tuamotu, Hao	3	29.9	25.8	27.9	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hereheretue	3	30.1	25.1	27.6	..	..	..	22.0	16	210	17	..	97	27
Gambier, Rikitea	91	28.2	23.5	25.9	..	..	..	..	..	..	..	..	..	..
Tubuai	2	28.0	22.8	25.4	..	29.8	2	17.9	18	81	14	..	26	22	
Rapa	1	24.5	20.2	22.4	..	28.5	1	15.6	15	170	23	..	48	22	
Pitcairn Is	264	25.5	19.7	22.6	..	..	..	16.9	30	..	..	..	..	213
Raoul Island AWS	49	23.3	18.8	21.1	..	25.8	14	15.0	21	86	21	..	38	3	
Enderby Is AWS	40	9.9	6.6	8.3	..	11.5	11	..	..	117	26	..	18	11
Campbell Island AWS	19	9.1	5.1	7.1	-0.4	12.8	12	-1.8	27	224	30	+109	33	27	
Chatham Islands AWS	48	15.4	11.3	13.4	+0.8	18.8	3	4.9	25	37	16	-38	8	5	
Chatham Island EWS	14	16.8	10.7	13.8	..	21.0	2	5.8	9	33	8	..	12	5	
Georg Von Neumayer	40	-12.3	-19.9	-16.1	..	-3.9	17	-34.6	13	..	..	..	..	..
Ant South Pole	2800	-58.9	-65.0	-62.0	..	..	..	..	..	..	..	..	..	..
Halley Bay	30	-16.0	-23.5	-19.8	..	-6.1	6	-38.8	30	..	..	..	..	..
Gen Belgrano 2	32	-12.6	-18.5	-15.6	..	2.7	5	-31.1	19	..	..	..	..	..
Base Jubany	4	-0.1	-3.9	-2.0	..	5.9	11	-15.8	25	..	..	..	..	..
Dinamet	10	-0.8	-3.5	-2.2	..	..	..	..	..	..	..	..	..	..
V C Marambio	198	-9.7	-18.9	-14.3	..	..	..	..	..	..	..	..	..	..
Eduardo Frei	10	-1.1	-4.0	-2.6	..	..	..	..	..	..	..	..	..	..
Arturo Prat	..	-0.9	-4.1	-2.5	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-3.2	-5.6	-4.4	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	1.1	-2.5	-0.7	..	6.6	4	-8.6	27	..	..	..	..	..
Rothera Point	16	-1.6	-4.9	-3.3	..	3.2	5	-12.0	25	..	..	..	..	..
Gen San Martin	4	-1.0	-6.5	-3.8	..	5.9	4	-16.0	25	..	..	..	..	..
King Sejong	11	-1.1	-3.2	-2.2	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-9.6	-14.0	-11.8	..	..	..	-21.8	5	..	..	..	..	..
Mawson	16	-12.8	-18.6	-15.7	..	-6.1	6	-27.4	23	..	..	..	..	..
Davis	13	-12.3	-18.6	-15.5	..	-2.9	4	-30.8	23	..	..	..	..	..
Progress	64	-13.5	-16.1	-14.8	..	-2.6	4	..	..	..	..	..	..	..
Vostok	3420	-65.3	-69.3	-67.3	..	..	..	..	..	..	..	..	..	..
Casey	41	-10.8	-18.1	-14.5	..	-2.6	3	-28.0	27	..	..	..	..	..
Wilkins Runway East	755	-15.2	-22.7	-19.0	..	..	..	-32.9	15	..	..	..	..	..
Durmont Durville	43	-12.4	-17.6	-15.0	..	-6.9	1	..	..	..	..	..	..	..
Mcmurdo	24	-15.2	-23.2	-19.2	..	-7.4	26	-30.3	7	..	..	..	..	..
Ant Scott Base	16	-17.2	-27.8	-22.5	..	-8.6	26	-38.5	23	..	..	..	..	..
Ant Arrival Heights E	185	-17.9	-25.7	-21.8	..	-9.3	26	-33.2	7	..	..	..	..	..
Ant Scott Base EWS	16	-17.9	-28.1	-23.0	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	32.5	18.5	25.5	..	34.0	22	14.9	21	142	15	..	70	5	
Hobart Airport	4	23.7	9.5	16.6	..	26.4	14	2.9	26	..	..	..	..	..

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 December 2009															
Kerikeri EWS	79	24.6	12.1	18.4	+0.8	29.2	11	7.9	18	24	8	-80	14	12	..
Dannevirke EWS	207	20.4	10.8	15.6	..	25.2	11	2.1	22	84	13	..	36	2	241
Darfield	195	21.1	8.9	15.0	-0.7	30.9	25	1.5	4	47	12	-19	20	14	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	254
Late returns and corrections for November 2009															
Kerikeri EWS	79	22.1	11.2	16.7	+0.8	26.4	30	7.1	1	9	4	-126	5	15	..
Masterton, Te Ore Ore	110	20.6	6.8	13.7	..	..	..	..	..	..	..	..	..	..	..
Darfield	195	19.4	6.9	13.2	-0.2	28.5	21	1.8	14	15	10	-44	5	30	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	233
Late returns and corrections for October 2009															
Kerikeri EWS	79	18.6	9.0	13.8	-0.4	22.6	17	4.1	12	119	16	-15	61	4	..
Masterton, Te Ore Ore	110	15.9	4.7	10.3	..	..	..	-1.4	21	121	19	..	16	9	..
Darfield	195	15.0	4.0	9.5	-2.2	21.8	12	0.0	6	99	11	+30	22	26	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	262
Raoul Island AWS	49	20.6	13.8	17.2	..	23.8	23	10.1	26	33	13	..	8	27	..
Late returns and corrections for September 2009															
Darfield	195	16.1	4.8	10.5	+1.0	23.2	11	0.0	4	32	7	-28	18	24	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	133
Late returns and corrections for July 2009															
Kaitaia Observatory	85	15.3	7.7	11.5	..	17.8	4	1.5	26	145	24	-28	31	14	148
Late returns and corrections for June 2009															
Kaitaia Observatory	85	15.8	7.7	11.8	..	20.0	11	2.0	19	200	15	+57	78	11	147

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.