

JUNE 2011



Summary of the records of Temperature, Rainfall and Sunshine June 2011

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		
New Plymouth AWS	30	15.1	8.3	11.7	+1.3	17.5	1	1.8	27	245	19	+104	42	10	..
Mt Ruapehu, Chateau E	1097	8.2	1.4	4.8	+1.4	12.2	1	-3.9	27	197	21	-49	48	10	..
Pahiatua EWS	110	13.5	5.9	9.7	..	20.1	5	-2.3	17	84	19	..	16	10	..
Alfredton EWS	240	11.6	3.1	7.4	..	..	..	..	..	..	..	..	..	..	..
Masterton Aero AWS	138	13.9	4.3	9.1	..	21.0	5	-2.5	17	67	16	..	17	28	..
Masterton, Te Ore Ore	110	7.0	-3.6	1.7	..	17.3	5	-8.7	17	54	14	..	13	11	..
Kopua	311	13.0	5.7	9.4	+1.7	20.3	5	-1.1	17	68	21	-30	19	28	..
Takapau Plains AWS	330	12.1	4.7	8.4	..	18.8	5	-2.5	17	57	22	..	17	28	..
Dannevirke	207	13.5	6.1	9.8	+1.6	20.0	5	-0.6	17	63	18	-31	17	10	82
Dannevirke EWS	207	12.5	5.6	9.1	..	19.8	5	-2.7	17	57	16	..	16	10	90
Waione EWS	48	14.3	6.2	10.3	..	20.9	5	-3.1	17	86	20	..	31	28	..
Cape Turnagain AWS	292	11.7	8.3	10.0	..	..	..	..	..	..	..	..	..	..	..
Akitio EWS	245	12.5	7.3	9.9	..	19.4	5	2.3	17	114	18	..	31	28	99
Castlepoint Station	9	14.5	9.2	11.9	..	22.0	5	3.0	17	62	15	-52	25	28	..
Castlepoint AWS	120	13.3	9.2	11.3	+0.5	20.1	5	5.3	17	62	17	..	27	28	..
Baring Head	79	13.0	8.5	10.8	..	17.5	4	3.7	27	42	18	..	6	7	..
Te Wharau, Brackenfie	292	12.2	4.7	8.5	..	17.5	5	-0.6	18	105	23	..	20	8	..
Martinborough EWS	20	13.8	4.5	9.2	..	18.6	5	-2.5	17	62	16	..	23	7	79
Ngawi AWS	6	14.5	9.4	12.0	..	19.4	5	5.3	17	44	17	..	8	28	..
Hicks Bay AWS	46	16.4	10.3	13.4	+1.6	19.2	6	4.7	27	240	19	..	56	5	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	115
Gisborne AWS	5	16.1	6.3	11.2	+1.1	20.8	5	1.8	14	73	15	-39	17	28	..
Tolaga Bay Wxt AWS	12	15.6	7.4	11.5	..	18.7	5	1.5	15	..	..	..	..	..	..
Napier Aero AWS	3	14.9	6.2	10.6	+1.2	21.4	5	0.4	17	60	13	-15	34	28	..
Napier Nelson Pk	2	16.0	5.5	10.8	+1.1	21.1	5	0.0	17	64	11	-17	32	28	119
Hastings AWS	16	15.5	5.7	10.6	..	21.4	5	-0.3	17	55	17	..	28	28	..
Whakatu EWS	5	15.4	4.8	10.1	..	20.6	5	-0.9	17	45	10	..	19	28	..
Waipawa EWS	130	13.7	4.4	9.1	..	20.5	5	-1.6	17	65	14	..	19	28	113
Wairoa, North Clyde E	15	15.7	5.7	10.7	+0.8	22.2	5	1.7	15	92	15	-44	22	28	..
Mahia Radar Wxt AWS	419	12.2	8.6	10.4	..	16.7	5	5.8	27	..	..	..	..	..	..
Mahia AWS	136	14.4	9.5	12.0	+1.5	17.9	5	5.9	17	97	20	..	13	26	..
Cape Kidnappers Wxt A	118	13.7	10.0	11.9	..	18.1	5	6.4	17	..	..	..	..	..	..
Paraparaumu Aero	5	14.6	6.9	10.8	+1.4	18.1	4	0.1	17	119	18	+15	36	7	101
Paraparaumu Aero AWS	5	14.2	6.9	10.6	+1.3	17.8	4	0.0	17	111	17	..	33	7	118
Ohakea AWS	50	14.2	7.4	10.8	..	20.1	5	2.1	17	..	..	..	..	..	..
Palmerston North AWS	39	14.1	7.0	10.6	+1.8	20.6	5	-0.1	17	95	16	+13	20	10	..
Palmerston North EWS	21	14.3	7.3	10.8	..	20.9	5	-0.2	27	99	16	..	19	10	77
Levin AWS	14	14.7	6.3	10.5	+1.4	19.5	5	-0.1	27	126	17	..	43	11	..
Mana Island AWS	100	12.6	8.7	10.7	..	16.2	4	4.5	27	98	17	..	33	7	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	71
Wellington, Kelburn A	125	12.8	8.1	10.5	..	17.0	4	3.6	27	125	22	..	21	19	..
Wellington Aero	4	13.8	8.7	11.3	+1.1	17.7	5	4.5	27	87	18	-24	15	19	..
Wallaceville EWS	56	13.5	4.7	9.1	..	17.9	4	-2.6	17	92	17	-44	17	7	77
Stratford EWS	300	12.8	6.4	9.6	..	16.0	5	0.4	27	271	18	..	50	18	86
Hawera AWS	98	14.1	7.1	10.6	..	17.6	5	1.1	27	..	..	..	..	..	..
Ohakune EWS	607	12.0	4.6	8.3	..	16.6	4	-1.9	17	91	16	..	21	10	98
Waiouru	806	10.0	3.1	6.6	+1.7	15.3	5	-2.0	17	58	22	-35	10	11	..
Waiouru AWS	820	9.8	3.1	6.5	..	15.5	5	-2.8	17	56	23	-30	8	11	..
Taihape Rec	433	12.9	2.4	7.7	+1.0	19.4	5	-4.1	17	57	18	-23	22	10	..
Flat Hills Wxt AWS	263	13.4	6.5	10.0	..	19.3	5	1.3	17	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	15.5	7.8	11.7	+1.6	21.2	5	3.6	17	74	15	-8	18	7	..
Wanganui AWS	8	15.4	8.1	11.8	+1.6	21.1	5	4.1	17	81	17	..	18	7	..
Wanganui 2 AWS	18	15.7	7.4	11.6	..	21.4	5	2.6	17	..	..	..	..	..	..
Takaka, Kotinga 2	25	14.7	4.9	9.8	+1.9	19.5	5	-0.1	30	311	16	+129	86	4	..
Takaka EWS	20	14.9	5.0	10.0	..	19.6	5	0.1	30	293	13	..	84	4	118
Farewell Spit AWS	3	14.6	9.3	12.0	+2.0	16.9	1	4.8	27	119	15	..	26	18	..
Westport Aero AWS	2	14.7	7.0	10.9	+1.7	17.1	5	2.2	30	139	21	-64	34	6	..
Arapito	18	14.3	6.4	10.4	+1.4	16.8	18	0.9	29	159	18	-40	39	11	97
Arapito EWS	18	13.9	5.6	9.8	..	16.3	8	0.2	29	147	19	..	38	11	..
Murchison EWS	185	11.8	4.3	8.1	..	18.2	5	-1.9	30	85	18	-60	22	7	..
Lake Rotoiti EWS	634	11.0	1.7	6.4	..	16.4	5	-4.3	27	107	21	..	31	18	..
Hokitika Aero	39	13.5	5.6	9.6	+1.6	17.1	19	0.6	26	177	20	-56	37	4	95
Hokitika AWS	38	13.6	5.5	9.6	+1.5	17.2	19	0.5	26	175	22	..	35	4	..

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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	°C				Max	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs	
Reefton EWS	198	12.6	4.5	8.6	+3.0	16.0	5	-2.6	30	103	-71	22	4	67	
Greymouth Aero	4	14.0	7.3	10.7	+2.0	17.0	20	2.4	30	167	-39	37	10	78	
Greymouth Aero EWS	5	13.0	6.9	10.0	..	16.5	20	2.0	30	169	..	36	10	100	
Pigeon Creek Cws	105	12.0	4.8	8.4	..	16.6	20	-1.7	30	150	..	53	10	..	
Mahanga EWS	1995	4.8	0.0	2.4	..	10.8	30	-3.9	30	122	..	25	6	..	
Okarito	2	14.0	5.8	9.9	..	18.0	19	1.0	26	118	-138	32	22	..	
Franz Josef EWS	80	13.8	4.1	9.0	..	17.9	19	0.3	29	177	..	85	4	118	
Haast AWS	5	13.5	5.9	9.7	+1.8	17.1	19	2.4	13	172	..	35	6	..	
Milford Sound	3	11.1	3.4	7.3	+1.6	15.4	19	0.7	12	289	-149	122	4	..	
Milford Sound AWS	3	10.1	3.0	6.6	..	14.8	5	0.3	12	266	..	108	4	..	
Castle Mount EWS	2000	3.3	-3.0	0.2	..	11.6	2	-7.1	26	463	..	260	4	..	
Secretary Island AWS	19	12.8	7.9	10.4	..	15.9	20	5.8	26	158	..	30	4	..	
Puysegur Point AWS	44	11.1	6.9	9.0	+0.6	16.9	4	5.1	29	144	-44	21	24	..	
Stephens Island	187	13.0	8.7	10.9	+0.9	15.5	7	..	..	85	..	..	..	..	
Motueka, Riwaka EWS	8	14.6	4.2	9.4	+1.9	18.4	1	-2.0	27	251	+118	95	18	..	
Pelorus Sd, Crail Bay	13	..	..	..	..	16.9	4	..	..	166	+16	..	..	..	
Nelson Aero	2	14.4	6.2	10.3	+2.7	17.2	5	0.4	27	145	+61	38	18	117	
Appleby 2 EWS	18	14.3	4.8	9.6	..	17.0	1	-2.1	27	150	..	44	18	120	
Nelson AWS	4	14.6	6.3	10.5	+2.6	17.4	1	0.1	27	125	..	32	18	..	
Blenheim Research EWS	4	14.3	4.8	9.6	+1.5	20.6	5	-0.5	27	62	+2	24	19	128	
Blenheim Aero AWS	35	13.8	3.5	8.7	+1.2	19.9	5	-2.0	27	75	+7	25	19	..	
Brothers Island AWS	68	10.3	7.1	8.7	..	12.7	15	4.8	30	53	..	13	19	..	
Awatere Valley, Dashw	83	14.1	3.8	9.0	..	20.3	5	-1.9	27	44	..	26	19	..	
Grassmere Salt Works	2	14.2	6.8	10.5	+1.9	19.6	5	0.8	27	36	-23	18	19	..	
Cape Campbell AWS	2	12.8	8.7	10.8	..	16.7	5	5.1	27	38	..	13	19	..	
Hanmer Forest EWS	363	11.4	-0.8	5.3	+0.6	18.5	7	-4.6	17	37	-69	17	28	..	
Kaikoura AWS	105	12.5	7.3	9.9	+1.1	18.4	5	4.6	17	43	-39	16	28	..	
Arthurs Pass	738	7.9	1.3	4.6	+2.0	12.2	4	-2.6	30	165	-175	72	4	..	
Arthurs Pass EWS	738	7.9	0.9	4.4	..	12.1	6	-3.0	30	150	..	67	4	..	
Culverden AWS	181	11.9	1.6	6.8	..	..	..	-3.5	27	..	..	..	..	..	
Waipara Nth Branch @	560	10.8	2.3	6.6	..	16.8	5	-2.6	22	73	..	53	28	..	
Waiau School Cws	136	13.1	1.6	7.4	..	..	..	..	..	..	..	..	..	..	
Rakaia EWS	1752	4.7	-4.2	0.3	..	11.8	30	-12.2	29	130	..	33	4	..	
Mt Potts EWS	2128	2.6	-3.3	-0.4	..	8.0	21	-10.0	29	32	..	21	4	..	
Mt Cook EWS	765	10.1	-0.5	4.8	+1.7	16.9	1	-3.9	30	129	-165	54	4	72	
Mueller Hut EWS	1818	8.6	1.2	4.9	..	..	..	..	..	191	..	125	4	..	
Craigieburn Forest	914	8.9	-0.3	4.3	+1.4	15.1	5	-2.5	27	82	-36	18	10	..	
Snowdon EWS	560	10.8	1.5	6.2	..	14.9	1	-2.2	3	39	..	17	28	..	
Hororata, Illana	196	12.6	0.1	6.4	..	18.0	..	-4.4	..	39	..	22	28	..	
Methven, Three Spring	305	10.8	2.1	6.5	..	16.4	4	-1.0	3	32	..	17	28	..	
Methven Cws	313	11.4	2.7	7.1	..	17.1	4	-0.6	14	35	..	23	28	..	
Winchmore EWS	160	12.2	1.9	7.1	+1.1	19.0	15	-2.8	17	34	-29	21	28	..	
Peel Forest	286	11.0	0.4	5.7	+0.5	17.0	4	-3.0	17	58	-2	12	27	..	
Ashburton Council	101	11.8	2.7	7.3	+1.1	18.4	15	-1.6	17	33	-30	20	28	..	
Ashburton Aero AWS	89	11.0	1.8	6.4	..	16.8	15	-2.6	17	36	..	19	28	108	
Waipara West EWS	130	13.3	3.9	8.6	..	19.7	5	0.6	17	15	..	9	28	98	
Rangiora EWS	23	12.7	3.4	8.1	+1.8	19.3	15	-2.4	25	22	..	7	10	96	
Christchurch Aero	37	12.0	3.2	7.6	+1.4	18.7	15	-2.9	17	41	-21	18	28	82	
Christchurch Gardens	7	12.2	4.5	8.4	+1.5	18.4	15	0.3	25	52	-14	18	28	..	
Christchurch, Kyle St	6	12.3	4.7	8.5	..	..	..	-0.7	27	59	..	20	28	..	
Lincoln, Broadfield E	18	12.0	4.0	8.0	+1.5	17.8	15	-1.6	17	42	..	13	28	..	
Sugar Loaf AWS	618	10.6	5.0	7.8	..	15.5	4	2.1	29	..	..	..	..	..	
Lyttelton Harbour	5	13.0	7.6	10.3	..	20.0	5	3.9	27	28	..	13	28	..	
Leeston EWS	15	12.3	3.7	8.0	..	..	..	..	..	..	..	..	..	..	
Akaroa EWS	45	12.8	6.6	9.7	..	18.4	15	2.8	27	74	..	29	28	80	
Le Bons Bay AWS	236	11.3	6.8	9.1	+1.0	17.8	5	4.1	27	30	..	9	28	..	
Lake Tekapo, Air Safa	762	8.8	-0.3	4.3	+1.8	15.3	1	-4.0	30	15	-43	6	4	..	
Lake Tekapo EWS	762	9.0	-0.2	4.4	..	15.2	1	-4.2	30	12	..	6	4	132	
Fairlie AWS	403	10.8	1.7	6.3	..	16.5	15	-1.2	14	..	..	..	..	..	
Pukaki Aerodrome AWS	473	9.3	-1.9	3.7	..	16.1	1	-6.0	17	18	..	13	4	..	
Orari Estate	81	11.4	2.0	6.7	+1.3	17.2	15	-1.4	17	15	-37	8	28	..	
Orari Estate Cws	81	10.7	1.9	6.3	..	..	..	..	..	..	..	..	..	..	
Timaru Aero AWS	26	12.0	1.3	6.7	+1.2	19.0	15	-2.6	12	9	-33	2	28	..	

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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		
Timaru EWS	17	11.3	2.9	7.1	..	18.0	15	-0.7	12	12	11	..	3	28	..
Waimate Cws	55	12.7	2.5	7.6	..	17.5	14	-2.0	12	6	8	..	2	10	..
Oamaru Airport AWS	30	12.1	1.9	7.0	..	17.5	14	-2.5	25	9	9	..	2	28	..
Albert Burn	1280	6.2	-1.7	2.3	..	11.1	2	-7.2	29	141	13	..	56	4	..
Eglinton, Knobs Flat	365	9.1	0.5	4.8	..	13.4	1	-2.8	29	100	12	..	48	4	..
Wanaka Aero AWS	352	9.8	1.0	5.4	..	15.7	15	-3.2	17	22	7	..	20	4	..
Naseby Forest 2	607	9.6	-0.6	4.5	+1.8	14.3	4	-3.8	10	18	5	-16	10	4	..
Windsor EWS	81	12.7	1.1	6.9	..	17.2	7	-3.1	17	5	5	..	3	4	..
Ranfurly EWS	450	10.0	-1.9	4.1	..	14.4	7	-6.7	17	10	5	..	7	4	..
Oamaru AWS	40	12.0	3.4	7.7	..	16.5	13	-0.1	17	7	9	..	3	4	..
Rock And Pillar	270	9.2	-0.3	4.5	..	14.3	13	-5.7	17	..	..	..	..	..	..
Palmerston	21	12.5	0.8	6.7	+1.1	16.2	14	-3.5	12	5	7	-47	3	4	92
Middlemarch EWS	213	10.1	-0.6	4.8	..	14.8	14	-5.4	17	7	7	..	5	4	91
Swampy Summit AWS	722	6.9	1.4	4.2	..	13.9	4	-1.1	29	..	..	..	..	..	..
Dunedin Aero AWS	1	11.2	0.8	6.0	+0.6	15.7	27	-4.1	9	21	12	-31	5	15	..
Dunedin, Musselburgh	4	11.9	5.4	8.7	+1.6	15.4	14	1.5	12	22	9	-49	9	19	105
Murchison Mtns EWS	1140	5.4	0.0	2.7	..	9.6	2	-4.7	29	104	14	..	46	4	..
Takahe Valley Cws	895	4.9	-1.0	2.0	..	11.4	4	-3.7	17	99	16	..	36	4	..
Manapouri, West Arm J	178	7.0	1.7	4.4	..	10.5	4	-1.4	29	157	16	..	46	4	..
Manapouri Aero AWS	209	9.8	0.8	5.3	..	14.7	1	-5.3	29	49	16	..	21	4	..
Birchwood Wxt AWS	147	9.6	1.5	5.6	..	..	..	-2.5	10	..	..	..	..	..	..
Queenstown	329	10.7	2.0	6.4	+1.8	15.2	1	-0.6	30	37	6	-45	34	4	62
Queenstown Aero AWS	354	10.0	-0.2	4.9	+1.3	13.5	5	-3.4	17	32	10	-34	28	4	..
Lumsden AWS	187	9.5	0.7	5.1	+0.6	13.3	27	-4.8	17	32	17	..	13	4	..
Riversdale Aquifer @	125	9.2	0.6	4.9	..	12.8	1	-2.9	24	23	11	..	14	4	..
Cromwell EWS	213	9.8	0.3	5.1	..	15.7	1	-4.1	17	10	4	..	9	4	16
Lauder EWS	375	9.2	-1.1	4.1	..	15.2	1	-5.0	17	19	6	..	8	4	..
Ophir 2	305	9.3	-2.3	3.5	..	15.0	1	-7.0	17	12	4	..	7	4	..
Alexandra	150	10.0	-0.7	4.7	..	18.6	13	-5.6	17	6	7	..	4	4	74
Clyde EWS	171	9.6	-0.5	4.6	+1.4	16.3	13	-4.8	17	6	3	..	6	4	..
Alexandra Cws	140	9.7	-0.1	4.8	..	20.2	27	-4.4	17	6	7	..	4	4	..
Roxburgh Wxt AWS	160	10.1	2.3	6.2	..	15.5	14	-3.2	17	..	..	..	..	..	..
Tapanui	180	10.2	0.8	5.5	+0.2	14.0	4	-3.0	9	43	14	-37	14	4	..
Waitutu Cws	30	10.0	2.8	6.4	..	12.6	5	-0.4	17	117	22	..	20	12	..
Winton	44	10.4	1.3	5.9	+0.3	14.0	14	-2.8	28	35	10	-43	12	4	67
Gore AWS	123	9.6	2.3	6.0	+1.0	13.0	27	-1.6	9	34	17	-38	11	4	..
Invercargill Aero		9.8	2.2	6.0	+0.4	12.4	1	-2.8	10	57	18	-42	15	14	54
Invercargill Aero AWS	1	10.1	2.2	6.2	..	12.9	27	-2.8	9	52	18	..	14	14	..
Invercargill Aero 2 E		..	..	..	..	..	..	..	..	50	14	..	14	14	54
Tiwai Point EWS	5	10.4	4.5	7.5	+0.8	13.0	1	-0.4	10	55	16	-39	13	14	..
Balclutha, Telford Ew	11	10.2	2.2	6.2	..	12.8	7	-4.6	10	30	11	..	10	25	92
Nugget Point AWS	129	9.6	5.2	7.4	+0.8	14.0	4	2.3	22	41	17	..	8	14	..
Tautuku	25	10.5	3.7	7.1	+0.5	14.0	4	-1.0	22	73	12	-42	20	14	..
South West Cape AWS	101	10.0	6.8	8.4	..	14.4	22	4.9	16	56	22	..	14	4	..
Solomon, Taro Is	3	30.8	24.1	27.5	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	31.2	23.7	27.5	..	..	..	..	..	..	..	..	..	..	..
Solomon, Auki	11	30.8	23.8	27.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.2	23.9	28.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.9	22.6	27.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	30.5	24.4	27.5	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	31.0	..	..	..	..	..	..	..	361	20	..	78	25	..
Vanuatu,Pekoa	56	29.6	22.4	26.0	..	..	..	21.0	11	188	15	..	70	25	..
Vanuatu,Lamap	22	..	23.7	..	..	..	..	20.5	28	254	18	..	71	1	..
Vanuatu, Bauerfield	20	..	20.3	..	..	..	..	15.5	10	129	15	..	34	1	..
Vanuatu,Burtonfield	70	28.1	13.3	20.7	..	..	..	0.9	29	21	8	..	14	1	..
Vanuatu,Aneityum	6	27.2	20.5	23.9	..	..	..	17.0	20	64	12	..	22	30	..
New Cal, Koumac	18	25.1	20.2	22.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	26.7	21.4	24.1	..	31.6	4	..	..	..	..	..	..	..	..
New Cal, Ouanaham	29	26.0	18.6	22.3	..	28.8	14	10.6	20	..	..	..	..	..	..
New Cal, Poinimie	13	25.7	..	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	26.4	16.9	21.7	..	30.1	16	..	..	..	..	..	..	..	..
New Cal, Nouma	72	..	20.6	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, Moue	97	24.8	19.2	22.0	..	28.5	14	15.5	30	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine June 2011

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	..	25.9	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nanumea Is	2	30.4	25.5	28.0	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Nui Is	2	..	26.3	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu,Funafuti Aero	1	31.4	26.6	29.0	..	..	..	..	..	..	..	..	..	..	
Tuvalu, Niulakita Is	3	31.3	25.8	28.6	..	..	..	..	..	..	..	..	..	..	
Fiji,Rotuma	26	30.7	25.5	28.1	..	..	..	..	..	..	..	..	..	..	
Fiji,Nadi Aero	15	29.1	20.8	25.0	..	..	..	16.1	28	..	..	..	..	..	
Fiji, Nadi EWS	15	29.5	20.8	25.2	..	31.3	10	16.3	28	26	5	..	14	26	
Fiji,Nausori Aero	6	28.4	21.0	24.7	..	30.5	20	17.1	30	..	..	..	..	..	
Wallis Island, Hihifo	27	30.8	25.3	28.1	..	31.7	19	22.9	13	..	..	..	..	..	
Maopoopo, Futuna Isla	36	30.1	25.0	27.6	..	..	..	22.7	26	..	..	..	..	..	
Samoa,Faleolo	4	31.3	23.0	27.2	..	..	..	..	..	..	..	..	..	..	
Samoa, Apia	1	30.3	23.2	26.8	..	31.2	24	..	..	..	..	..	..	..	
Samoa, Pago Pago Aero	3	29.8	25.1	27.5	..	..	..	..	..	..	..	..	..	..	
Tonga, Lupepauu	67	27.7	19.9	23.8	..	29.8	19	..	..	..	..	..	..	..	
Salote Pilelevu Airpo	2	27.5	23.5	25.5	..	..	..	..	..	..	..	..	..	..	
Tonga,Fuaamotu Aero	38	26.9	21.1	24.0	..	..	..	..	..	..	..	..	..	..	
Niue, Hanan Airport	59	27.5	22.3	24.9	..	..	..	..	..	..	..	..	..	..	
CI Rarotonga Aero	7	27.4	21.7	24.6	..	..	..	..	..	..	..	..	..	..	
Rarotonga EWS	4	26.7	22.0	24.4	..	28.2	14	17.4	30	44	15	..	11	28	
Vanuatu, Saratamata	18	..	23.2	..	..	..	..	..	..	..	..	..	..	..	
Hiva Hoa, Atuona	51	27.9	23.1	25.5	..	29.7	26	21.6	4	105	21	..	20	20	
Tahiti - Faa	1	29.6	22.3	26.0	..	30.6	11	19.8	7	..	..	..	..	..	
Tuamotu, Takaraoa	2	28.7	24.9	26.8	..	..	..	..	..	..	..	..	..	..	
Tuamotu, Hao	3	27.1	23.3	25.2	..	28.3	19	21.0	9	..	..	..	..	..	
Tuamotu, Hereheretue	3	27.2	22.7	25.0	..	..	..	..	..	..	..	..	..	..	
Gambier, Rikitea	91	24.2	20.0	22.1	..	26.8	5	..	..	..	..	..	..	..	
Tubuai	2	24.9	20.7	22.8	..	26.1	16	17.6	24	108	21	..	53	10	
Rapa	1	21.8	17.8	19.8	..	24.1	1	14.6	4	181	23	..	39	15	
Pitcairn Is	264	21.9	17.8	19.9	..	24.0	2	15.0	28	66	..	..	12	1	
Pitcairn Island AWS	264	21.8	18.0	19.9	..	24.4	2	14.9	28	7	4	..	4	2	
Raoul Island AWS	49	21.6	17.6	19.6	..	24.4	8	13.2	28	105	23	..	31	17	
Enderby Is AWS	40	8.3	5.2	6.8	..	10.0	6	1.0	16	48	23	..	8	4	
Campbell Island AWS	19	7.3	3.5	5.4	+0.4	9.6	6	-1.6	16	107	24	+3	27	18	
Chatham Islands AWS	48	12.4	8.0	10.2	+1.4	15.5	7	1.4	16	94	27	-10	26	26	
Chatham Island EWS	14	12.8	7.6	10.2	..	16.3	8	2.2	17	95	20	..	30	5	
Georg Von Neumayer	40	-19.0	-31.1	-25.1	..	-7.0	30	-39.2	5	..	..	..	..	..	
Ant South Pole	2827	-57.5	-65.7	-61.6	..	-42.8	7	-71.6	23	..	..	..	..	..	
Halley Bay	30	-25.4	-35.1	-30.3	..	-9.8	28	-45.7	9	..	..	..	..	..	
Gen Belgrano 2	32	-18.1	-25.5	-21.8	..	-7.2	29	-34.0	9	..	..	..	..	..	
Base Jubany	4	-4.1	-11.1	-7.6	..	7.6	7	-30.6	13	..	..	..	..	..	
Dinamet	10	-3.3	-10.0	-6.7	..	..	..	..	..	..	..	..	..	..	
V C Marambio	198	-13.8	-20.7	-17.3	..	1.5	4	-29.3	24	..	..	..	..	..	
Eduardo Frei	10	-4.0	-9.7	-6.9	..	8.9	14	-17.7	25	..	..	..	..	..	
Arturo Prat		-4.2	-8.7	-6.5	..	0.6	25	-15.3	21	..	..	..	..	..	
Bernado Ohiggins	10	-5.1	-10.2	-7.7	..	..	..	-18.0	23	..	..	..	..	..	
Palmer Station	8	-2.3	-5.7	-4.0	..	1.6	23	-11.9	30	..	..	..	..	..	
Rothera Point	16	-5.1	-8.8	-7.0	..	..	..	..	..	..	..	..	..	..	
Argentine Is, Faraday	11	-3.1	-6.5	-4.8	..	..	..	..	..	..	..	..	..	..	
Gen San Martin	4	-4.7	-9.6	-7.2	..	2.7	3	-14.7	30	..	..	..	..	..	
King Sejong	11	-4.8	-8.0	-6.4	..	..	..	..	..	..	..	..	..	..	
Novolax Arevskaja	99	-10.6	-13.0	-11.8	..	..	..	..	..	..	..	..	..	..	
Mawson	16	-11.9	-18.7	-15.3	..	..	..	-24.3	10	..	..	..	..	..	
Davis	13	-15.6	-21.1	-18.4	..	..	..	-27.1	9	..	..	..	..	..	
Progress	64	-14.8	-17.2	-16.0	..	..	..	..	..	..	..	..	..	..	
Vostok	3420	-66.3	-70.9	-68.6	..	-51.3	7	-77.3	12	..	..	..	..	..	
Casey	41	-13.5	-21.5	-17.5	..	-2.3	25	-30.5	24	..	..	..	..	..	
Durmout Durville	43	-13.1	-18.7	-15.9	..	-7.2	19	-25.1	1	..	..	..	..	..	
Mcmurdo	24	-16.9	-23.1	-20.0	..	-4.0	16	-35.2	27	..	..	..	..	..	
Ant Scott Base	16	-18.3	-27.0	-22.7	..	-4.8	16	-44.5	26	..	..	..	..	..	
Ant Arrival Heights E	185	-18.0	-24.0	-21.0	..	-5.3	16	-33.4	23	..	..	..	..	..	
Ant Scott Base EWS	16	-17.4	-24.8	-21.1	..	-3.6	16	-42.6	27	..	..	..	..	..	
Darwin Airport	31	28.3	15.3	21.8	..	32.6	26	12.1	28	..	..	..	..	..	

Summary of the records of Temperature, Rainfall and Sunshine June 2011

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		
Hobart Airport	4	22.1	5.2	13.7	..	25.8	15	-0.5	16	88	16	..	47	7	..
Late returns and corrections for May 2011															
Tiri Tiri Lighthouse	76	18.0	13.9	16.0	+1.7	20.0	11	..	..	117	20	+41	35	26	..
Khyber Pass, Auckland	81	18.4	12.5	15.5	..	21.4	12	7.7	19	163	21	..	45	6	..
Opotiki	5	19.1	9.9	14.5	+2.3	22.6	6	0.8	19	240	17	+139	63	26	..
Waikeria	46	18.4	9.4	13.9	+2.9	22.8	6	1.1	19	148	12	+46	77	26	..
Te Kuiti EWS	62	17.3	8.8	13.1	..	21.6	3	1.3	19	103	26	..	26	11	86
Whakatu EWS	5	19.1	6.5	12.8	..	23.4	12	-2.0	30	52	7	..	21	26	..
Reefton EWS	198	15.3	8.0	11.7	+3.4	21.2	6	2.4	1	360	26	+167	60	25	56
Mahanga EWS	1995	6.2	1.9	4.1	..	11.2	1	-6.0	18	502	26	..	130	25	..
Okarito	2	15.2	8.9	12.1	..	20.0	3	1.5	18	351	24	+107	46	13	..
Maud Island	15	17.0	..	..	..	19.4	1	..	..	397	..	..	96	25	..
Hanmer Forest EWS	363	16.7	3.5	10.1	+2.5	22.9	5	-3.4	29	80	13	-19	23	25	..
Winchmore EWS	160	15.6	5.4	10.5	+1.9	21.9	25	-1.0	18	91	12	+32	21	26	..
Waipara West EWS	130	16.9	7.7	12.3	..	21.8	5	2.0	29	58	10	..	23	25	147
Leeston EWS	15	15.7	7.3	11.5	..	20.7	12	0.0	30	55	17	..	21	7	..
Akaroa EWS	45	16.9	9.4	13.2	..	22.3	12	4.3	29	37	11	..	12	7	127
Lake Tekapo EWS	762	12.6	3.9	8.3	..	18.5	25	-0.8	18	68	14	..	24	7	134
Timaru EWS	17	14.1	6.4	10.3	..	22.8	12	0.8	18	63	13	..	35	7	..
Windsor EWS	81	15.1	5.5	10.3	..	21.6	12	-0.2	31	84	14	..	55	7	..
Middlemarch EWS	213	14.3	4.4	9.4	..	19.2	23	-0.8	1	72	14	..	43	7	93
Dunedin, Musselburgh	4	14.2	7.8	11.0	+1.7	20.3	12	3.0	16	95	11	+25	54	7	101
Riversdale Aquifer @	125	12.2	5.1	8.7	..	16.8	14	1.2	23	..	..	..	..	..	..
Cromwell EWS	213	14.5	5.2	9.9	..	18.9	24	0.6	21	69	9	..	47	7	59
Lauder EWS	375	13.6	4.3	9.0	..	..	..	-0.4	18	76	9	..	60	7	..
Ettrick No.2	91	14.4	3.7	9.1	+1.8	19.2	12	-3.5	30	68	10	..	29	7	..
Stewart Is	3	12.8	6.6	9.7	+1.1	17.5	23	3.0	18	167	..	+13	33	16	..
Balclutha, Finegand	6	..	5.4	..	..	..	..	..	..	71	14	+13	23	15	82
Late returns and corrections for April 2011															
Khyber Pass, Auckland	81	20.0	13.4	16.7	..	23.8	4	9.0	19	134	13	..	71	25	..
Te Kuiti EWS	62	19.4	7.8	13.6	..	23.3	3	1.4	30	97	13	..	42	25	154
Reefton EWS	198	17.5	6.5	12.0	+0.2	22.0	12	-2.3	29	186	12	+25	45	4	138
Blackball	35	16.8	7.0	11.9	..	20.0	30	-2.3	..	297	..	..	..	..	..
Mahanga EWS	1995	8.0	2.2	5.1	..	14.3	9	-4.8	19	189	14	..	38	23	..
Ashburton Council	101	17.0	5.9	11.5	-0.6	25.9	11	-1.4	28	91	13	+34	48	4	..
Leeston EWS	15	16.8	6.8	11.8	..	25.3	24	-2.3	28	65	15	..	38	4	..
Akaroa EWS	45	17.0	8.9	13.0	..	25.8	24	4.2	29	84	9	..	32	4	142
Late returns and corrections for March 2011															
Khyber Pass, Auckland	81	22.5	15.4	19.0	..	25.2	4	9.6	7	153	12	..	54	4	..
Te Kuiti EWS	62	22.7	9.9	16.3	..	26.1	22	3.4	31	153	10	..	54	4	213
Reefton EWS	198	21.7	8.7	15.2	+0.3	25.5	12	1.9	7	138	14	+15	39	1	217
Darfield	195	20.8	8.8	14.8	-0.4	29.0	4	3.8	28	58	11	-13	21	27	..
Akaroa EWS	45	21.7	11.7	16.7	..	30.6	4	7.6	24	68	9	..	39	27	208
Late returns and corrections for February 2011															
Te Kuiti EWS	62	25.1	14.2	19.7	..	28.1	15	9.2	27	53	7	..	27	26	189
Reefton EWS	198	23.8	11.9	17.9	+0.9	29.3	5	6.7	1	65	10	-37	18	7	170
Late returns and corrections for January 2011															
Te Kuiti EWS	62	24.7	12.9	18.8	..	28.2	4	8.0	14	203	10	..	97	23	237
Reefton EWS	198	24.0	11.8	17.9	+1.1	28.6	24	6.4	9	137	8	-22	84	18	215
Late returns and corrections for December 2010															
Te Kuiti EWS	62	23.3	13.5	18.4	..	29.1	15	6.7	10	193	14	..	38	19	165
Reefton EWS	198	23.0	12.0	17.5	+2.3	28.8	15	7.9	12	243	15	+60	71	27	177
Late returns and corrections for November 2010															
Te Kuiti EWS	62	21.7	8.7	15.2	..	27.5	28	1.4	1	17	5	..	8	4	239
Reefton EWS	198	22.1	9.0	15.6	+2.3	30.9	27	2.1	6	17	5	-158	7	20	243

*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 October 2010															
Te Kuiti EWS	62	18.1	6.8	12.5	..	22.1	29	2.4	23	33	11	..	12	17	248
Reefton EWS	198	18.1	5.0	11.6	+0.2	26.2	14	-1.8	12	103	10	-104	23	17	219
Late returns and corrections for September 2010															
Te Kuiti EWS	62	15.3	6.6	11.0	..	19.3	28	1.2	4	296	24	..	42	6	111
Reefton EWS	198	13.0	4.2	8.6	-0.7	18.7	8	-1.1	4	352	28	+175	32	5	82
Late returns and corrections for August 2010															
Te Kuiti EWS	62	14.1	5.1	9.6	..	17.0	26	-1.6	10	..	..	..	..	..	106
Late returns and corrections for June 2010															
Taumarunui	171	12.9	4.1	8.5	+0.4	17.0	6	-0.5	1	173	22	+40	41	6	..
Late returns and corrections for May 2010															
Taumarunui	171	15.7	5.6	10.7	+0.5	21.2	4	-1.4	6	112	18	-27	17	15	..
Late returns and corrections for April 2010															
Taumarunui	171	19.2	8.0	13.6	+0.2	24.4	5	1.4	8	35	12	-77	13	13	..
Late returns and corrections for March 2010															
Taumarunui	171	21.5	9.6	15.6	-0.8	25.8	5	-0.5	18	44	9	-51	16	24	..
Late returns and corrections for February 2010															
Taumarunui	171	24.4	14.7	19.6	+1.2	27.5	2	9.2	20	54	11	-26	15	25	..
Late returns and corrections for January 2010															
Taumarunui	171	22.8	12.4	17.6	-0.7	27.1	30	5.3	9	145	14	+30	45	21	..

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.