

DECEMBER 2011

Summary of the records of Temperature, Rainfall and Sunshine December 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		
Cape Reinga AWS	214	19.5	15.2	17.4	..	21.7	22	13.3	16	231	20	+170	68	14	..
Kaitaia Aero EWS	80	21.5	15.5	18.5	..	23.9	31	11.5	25	270	21	..	105	14	..
Kaitaia Observatory	85	21.5	15.1	18.3	..	24.3	3	11.7	24	233	21	+138	69	14	142
Kaitaia EWS	85	21.2	15.0	18.1	+0.3	23.8	3	11.5	24	221	20	..	71	14	148
Kerikeri EWS	79	21.7	15.1	18.4	+0.8	25.3	15	10.6	21	411	18	+307	103	4	..
Kerikeri Aerodrome Aw	150	20.8	14.4	17.6	..	24.7	15	10.8	24	426	23	..	103	4	..
Kaikohe AWS	204	21.2	14.8	18.0	+1.0	..	..	..	..	279	22	+175	61	4	..
Trounson Cws	220	20.1	13.3	16.7	..	24.5	31	8.1	23	137	26	..	38	4	..
Dargaville 2 EWS	66	21.6	14.8	18.2	..	25.3	31	10.6	24	147	18	..	50	14	124
Purerua AWS	82	20.6	15.4	18.0	..	24.7	15	12.2	25	264	17	..	74	30	..
Whangarei Aero AWS	37	21.8	15.5	18.7	+0.4	27.0	31	11.6	21	155	20	+64	30	31	..
Mokohinau AWS	60	20.1	16.3	18.2	..	22.8	8	13.7	19	..	..	..	..	..	..
Leigh 2	27	21.4	15.4	18.4	+0.5	24.4	6	12.8	19	171	20	+102	44	30	..
Warkworth EWS	72	19.9	14.2	17.1	..	22.8	31	8.5	20	200	18	+92	44	29	..
Whangaparaoa AWS	89	20.7	15.5	18.1	..	..	..	..	..	150	18	..	27	14	..
Whenuapai AWS	26	21.0	14.4	17.7	..	23.8	31	8.4	24	..	..	..	..	..	..
North Shore, Auckland	20	22.2	12.2	17.2	..	..	..	..	..	..	..	..	..	..	..
Auckland, North Shore	64	19.7	13.6	16.7	..	22.2	5	8.2	20	200	18	..	47	29	187
Auckland, Henderson,	7	22.6	14.8	18.7	+0.6	25.3	9	10.0	20	211	17	+119	46	30	..
Lincoln Rd, Auckland	25	22.4	12.7	17.6	..	24.8	31	8.4	24	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	20.9	14.6	17.8	..	..	..	..	..	..	..	..	..	..	..
Waiheke Island, Awaro	34	21.7	13.7	17.7	..	24.0	3	8.3	21	186	15	+96	29	14	..
Whitianga Aero AWS	5	20.7	14.4	17.6	+0.2	24.1	6	8.9	21	256	20	+153	45	4	..
Thames 2	3	21.9	14.5	18.2	+0.0	25.5	30	10.7	24	145	17	+72	37	4	158
Paeroa AWS	18	22.2	14.4	18.3	+0.3	26.4	5	9.4	8	167	17	+70	29	4	..
Matamata, Hinuera EWS	106	20.9	12.5	16.7	..	25.3	9	7.1	8	224	16	..	62	17	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	165
Tauranga Aero AWS	4	21.1	15.3	18.2	+0.6	25.3	6	12.2	18	276	20	+185	58	30	..
Te Puke EWS	91	20.7	13.6	17.2	..	25.8	6	9.7	21	413	19	+281	98	30	..
Whakatane Aero AWS	7	21.2	14.3	17.8	+0.2	23.1	16	8.0	21	167	18	+69	69	30	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	191
White Island AWS	310	18.3	13.5	15.9	..	..	..	..	..	147	17	..	42	30	..
Mamaku Radar Wxt AWS	617	16.2	10.9	13.6	..	20.2	5	7.1	18	..	..	..	..	..	..
Kawerau AWS	42	20.9	13.0	17.0	..	25.2	8	8.2	20	..	..	..	..	..	105
Rotorua Aero AWS	283	19.2	12.2	15.7	-0.4	22.7	6	7.7	21	351	23	+237	90	17	..
Galatea AWS	174	20.1	12.8	16.5	..	23.3	8	6.3	21	..	..	..	..	..	..
Taupo Wxt AWS	385	20.2	12.0	16.1	..	..	..	..	..	..	..	..	..	..	..
Tarapounamu EWS	701	16.1	8.6	12.4	..	21.6	25	2.3	1	288	20	..	96	31	..
Taupo AWS	400	20.1	10.8	15.5	-0.2	23.7	5	4.5	24	157	16	..	45	31	..
Opotiki	5	21.4	13.3	17.4	+0.3	24.5	23	6.4	1	232	19	+121	111	30	..
Motu EWS	488	17.9	9.9	13.9	..	21.4	26	4.0	25	219	18	..	71	31	..
Otamatuna, Te Mapou H	624	17.0	9.7	13.4	..	20.5	8	5.1	1	384	19	..	177	31	..
Auckland, Mangere EWS	5	21.2	15.1	18.2	..	24.3	5	11.3	20	201	15	..	47	30	132
Pakuranga, Auckland R	15	22.7	14.8	18.8	..	25.2	5	10.3	20	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.4	14.2	17.8	..	..	..	..	..	..	..	..	..	..	..
Auckland Aero	33	21.7	15.1	18.4	+0.3	24.3	9	11.6	24	192	17	+109	37	30	..
Auckland, Ardmore	23	22.6	13.6	18.1	+0.9	26.9	8	8.9	10	186	17	+94	30	17	..
Pukekohe EWS	88	21.6	14.1	17.9	+0.9	24.8	9	10.1	24	167	18	..	30	30	..
Firth Of Thames EWS	1	23.5	13.2	18.4	..	26.2	31	8.0	24	148	14	..	24	4	..
Whatawhata 2 EWS	118	21.2	12.8	17.0	..	26.4	9	8.4	1	187	23	..	30	30	..
Hamilton, Ruakura 2 E	45	20.9	11.9	16.4	..	27.5	5	6.7	8	226	18	..	88	17	136
Hamilton AWS	53	21.7	13.4	17.6	+1.0	25.5	5	7.3	8	215	20	+117	73	17	..
Lake Karapiro Cws	55	21.7	14.1	17.9	..	26.7	5	9.8	8	209	23	..	78	17	..
Port Taharoa AWS	27	22.2	14.9	18.6	+0.9	25.4	27	10.9	19	209	16	..	46	15	..
Waikeria 2	46	22.4	13.5	18.0	+1.1	27.0	9	7.2	8	230	14	+133	73	31	..
Te Kuiti EWS	62	21.7	12.8	17.3	..	25.5	9	7.2	19	232	19	..	46	30	150
Pureora Forest Cws	549	18.0	10.1	14.1	..	22.2	9	4.1	2	161	22	..	28	17	..
Taumarunui	171	21.8	12.5	17.2	+0.5	25.0	26	6.9	19	229	24	+101	56	15	..
Taumarunui AWS	195	22.3	11.5	16.9	..	26.1	26	4.6	19	225	21	..	52	15	164
Turangi 2 EWS	350	19.9	11.1	15.5	..	23.7	5	3.1	19	225	18	..	43	15	156
New Plymouth AWS	30	20.5	13.3	16.9	+0.9	23.3	13	9.0	8	343	16	+241	77	30	..
Lower Retaruke Cws	233	22.1	11.9	17.0	..	26.9	26	5.1	19	184	16	..	42	15	..
Mt Ruapehu, Chateau E	1097	15.3	5.8	10.6	+0.1	19.7	24	0.2	23	193	16	-51	28	15	..

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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		
Pahiatua EWS	110	20.7	10.3	15.5	..	25.3	14	4.4	8	55	18	..	15	15	..
Alfredton EWS	240	20.8	8.9	14.9	..	26.0	28	2.0	1	98	16	..	34	30	..
Masterton Aero AWS	138	20.8	10.4	15.6	..	27.4	27	3.8	22	117	13	..	37	30	..
Kopua	311	19.2	10.3	14.8	-0.5	24.0	5	5.2	8	135	..	+48	30	3	..
Takapau Plains AWS	330	18.9	9.4	14.2	..	23.6	5	4.2	1	129	19	..	21	16	..
Dannevirke	207	20.7	11.5	16.1	+0.3	25.0	3	4.5	20	115	14	+32	30	30	156
Dannevirke EWS	207	19.6	10.2	14.9	..	25.2	3	3.2	20	106	13	..	28	30	173
Waione EWS	48	23.6	10.4	17.0	..	31.0	28	4.5	1	75	14	..	14	30	..
Cape Turnagain AWS	292	15.1	11.9	13.5	..	19.5	5	7.8	19	..	..	..	..	..	..
Akitio EWS	245	17.2	11.0	14.1	..	..	..	..	..	..	..	..	..	..	..
Castlepoint Station	9	..	..	..	..	23.5	..	8.3	22	152	12	+96	56	30	..
Castlepoint AWS	120	17.0	12.2	14.6	-2.0	..	..	..	..	124	14	..	48	31	..
Baring Head	79	17.2	12.8	15.0	..	21.7	26	9.1	22	89	9	..	24	6	..
Te Wharau, Brackenfie	292	19.3	9.9	14.6	..	26.0	27	4.4	22	144	13	..	40	30	..
Martinborough EWS	20	20.9	10.5	15.7	..	27.0	26	4.4	22	107	11	..	40	30	157
Ngawi AWS	6	19.5	13.5	16.5	..	24.7	27	9.5	22	225	10	..	93	30	..
Hicks Bay AWS	46	19.5	14.5	17.0	-0.1	21.5	31	11.4	25	86	16	..	16	15	..
Gisborne AWS	5	21.6	12.5	17.1	-0.8	27.0	5	6.3	25	64	16	+0	16	31	..
Tolaga Bay Wxt AWS	12	18.7	13.8	16.3	..	26.5	6	8.2	27	..	..	..	..	..	..
Napier Aero AWS	3	20.7	12.0	16.4	-1.1	25.2	14	7.1	25	78	14	+20	19	31	..
Napier Nelson Pk	2	21.2	13.1	17.2	-1.0	25.1	29	..	..	76	12	+20	23	31	175
Hastings AWS	16	20.8	12.8	16.8	..	25.3	16	7.7	8	97	12	..	26	16	..
Whakatu EWS	5	19.6	11.9	15.8	..	23.5	16	4.6	20	81	11	..	23	30	..
Waipawa EWS	130	20.4	10.5	15.5	..	25.3	5	3.9	8	94	11	..	21	5	161
Wairoa, North Clyde E	15	21.6	12.3	17.0	-0.8	27.8	5	6.8	1	205	15	+102	67	17	..
Mahia Radar Wxt AWS	419	15.4	..	..	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	18.1	12.9	15.5	-1.3	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers Wxt A	118	17.4	14.1	15.8	..	20.4	29	10.4	19	..	..	..	..	..	..
Paraparamu Aero	5	20.0	11.3	15.7	-0.2	23.2	4	4.4	21	137	12	+52	59	30	203
Paraparamu Aero AWS	5	19.9	11.5	15.7	-0.2	23.5	4	4.6	21	137	12	..	58	30	227
Ohakea AWS	50	21.5	12.4	17.0	..	26.7	14	7.1	20	..	..	..	..	..	..
Palmerston North AWS	39	22.2	12.1	17.2	+1.1	26.7	14	6.0	8	112	11	+27	25	15	..
Palmerston North EWS	21	21.7	12.3	17.0	..	26.4	14	6.1	8	87	12	..	21	15	196
Levin AWS	14	21.1	11.8	16.5	+0.5	25.6	13	3.6	20	131	11	..	38	30	..
Mana Island	2	19.7	12.7	16.2	+0.1	23.0	28	7.6	22	116	..	..	29	30	..
Mana Island AWS	100	17.4	12.5	15.0	..	20.5	24	9.0	8	121	12	..	33	30	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	174
Wellington, Kelburn A	125	18.2	12.4	15.3	..	23.6	25	8.6	22	190	14	..	69	30	..
Wellington Aero	4	18.4	13.3	15.9	-0.5	23.6	26	9.1	22	122	12	+54	43	30	..
Wallaceville EWS	56	20.1	10.0	15.1	..	24.4	26	3.6	22	98	10	-4	42	30	159
Stratford EWS	300	19.0	10.7	14.9	..	23.4	26	5.6	20	344	15	..	105	30	176
Hawera AWS	98	19.1	11.1	15.1	..	24.3	28	6.0	21	234	12	..	77	30	..
Ohakune EWS	607	20.5	9.1	14.8	..	23.9	5	3.6	23	92	15	..	19	31	226
Waiouru Treatment Pla	806	18.0	8.2	13.1	+0.7	22.1	5	1.3	20	121	14	+33	30	31	..
Waiouru AWS	820	17.8	7.8	12.8	..	21.6	26	0.4	20	127	14	+26	28	31	..
Waiouru Airstrip AWS	818	17.4	7.4	12.4	..	21.1	5	0.8	20	109	15	..	30	31	..
Taihape Rec	433	21.6	8.3	15.0	-0.1	25.4	13	1.8	20	118	15	+37	27	15	..
Flat Hills Wxt AWS	263	20.3	11.2	15.8	..	24.0	13	4.4	20	..	..	..	..	..	..
Wanganui,Spriggens Pa	15	19.8	11.4	15.6	-1.1	24.0	3	4.1	20	212	12	+142	53	30	..
Wanganui AWS	8	20.4	12.7	16.6	+0.1	24.7	14	5.7	20	198	13	..	52	30	..
Wanganui 2 AWS	18	21.5	12.5	17.0	..	25.8	3	5.5	20	..	..	..	..	..	..
Takaka, Kotinga 2	25	20.1	11.9	16.0	+0.4	25.5	27	6.0	17	1233	16	****	395	14	..
Takaka EWS	20	19.8	12.2	16.0	..	25.4	27	7.1	1	1103	13	..	392	14	153
Farewell Spit AWS	3	19.5	13.7	16.6	+0.5	22.9	8	10.2	1	254	14	..	56	29	..
Westport Aero AWS	2	19.6	12.9	16.3	+1.4	24.7	31	9.1	1	315	15	+110	68	14	..
Arapito	18	20.1	12.6	16.4	+1.2	23.9	13	9.6	1	326	15	+105	182	29	159
Arapito EWS	18	19.4	11.6	15.5	..	23.3	13	8.8	1	297	17	..	164	29	..
Murchison EWS	185	23.9	11.1	17.5	..	29.8	26	4.1	18	209	18	+77	54	29	..
Lake Rotoiti EWS	634	20.5	8.3	14.4	..	26.5	26	2.2	18	258	18	..	80	29	..
Hokitika Aero	39	19.7	12.4	16.1	+1.8	26.7	31	8.6	18	186	14	-92	69	14	204
Hokitika AWS	38	20.1	12.5	16.3	+1.9	26.9	31	8.5	18	174	15	..	65	14	..
Reefton EWS	198	23.5	11.8	17.7	+2.5	29.6	26	5.6	18	211	16	+28	60	14	207
Greymouth Aero	4	19.9	13.1	16.5	+1.8	24.0	31	8.9	9	140	12	-101	51	14	190

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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 EWS	5	19.1	12.7	15.9	..	23.4	31	8.4	9	138	12	..	48	14	239
Pigeon Creek Cws	105	21.5	11.7	16.6	..	25.7	13	8.1	9	..	..	..	..	..	..
Mt Philistine EWS	1655	9.7	3.7	6.7	..	14.8	26	-0.6	18	297	15	..	132	14	..
Ivory Glacier Cws	1390	11.6	5.2	8.4	..	15.6	26	1.8	9	593	14	..	339	14	..
Okarito	2	19.6	12.2	15.9	..	23.2	31	8.1	1	211	12	-164	88	14	..
Franz Josef EWS	80	20.4	11.0	15.7	..	24.7	31	7.4	3	344	10	..	186	14	196
Haast AWS	5	19.5	11.0	15.3	+2.0	24.1	6	5.7	1	112	9	..	34	14	..
Milford Sound	3	21.3	11.3	16.3	+2.9	24.9	31	7.9	1	69	10	-587	21	3	..
Milford Sound AWS	3	22.3	11.1	16.7	..	26.4	30	7.5	1	83	9	..	24	3	..
Castle Mount EWS	2000	9.4	2.9	6.2	..	13.0	31	-0.9	17	202	12	..	60	3	..
Secretary Island AWS	19	19.8	12.3	16.1	..	24.1	5	9.4	5	148	11	..	40	28	..
Puysegur Point AWS	44	16.1	11.6	13.9	+1.4	19.9	1	8.1	9	54	9	-140	20	14	..
Motueka, Riwaka EWS	8	21.0	11.5	16.3	+0.1	25.7	27	3.8	1	292	14	+193	69	29	..
Pelorus Sd, Crail Bay	13	19.7	12.7	16.2	-0.1	24.7	24	8.2	1	328	16	+186	100	29	..
Nelson Aero	2	19.7	13.2	16.5	+0.3	22.6	27	7.2	1	464	15	+388	168	14	199
Appleby 2 EWS	18	19.5	11.1	15.3	..	22.0	10	3.2	1	391	15	..	99	14	196
Nelson AWS	4	20.4	13.1	16.8	+0.4	22.9	25	7.6	1	446	15	..	155	14	..
Blenheim Research EWS	4	19.9	12.1	16.0	-0.6	27.8	27	5.6	18	104	11	+53	44	29	167
Wairau Valley, Mill R	172	20.1	11.1	15.6	..	26.8	27	5.3	18	140	15	..	45	29	..
Blenheim Aero AWS	35	20.1	10.7	15.4	-0.9	27.7	27	3.3	18	99	13	+43	45	29	..
Brothers Island AWS	68	16.8	13.1	15.0	..	21.1	11	10.8	17	134	12	..	39	30	..
Awatere Valley, Dashw	83	19.1	10.4	14.8	..	27.1	27	2.7	20	95	12	..	34	29	..
Grassmere Salt Works	2	19.2	13.9	16.6	-0.1	25.9	28	9.5	22	103	7	+61	40	29	..
Cape Campbell AWS	2	16.3	12.7	14.5	..	..	..	..	..	81	9	..	32	29	..
Hanmer Forest EWS	363	20.0	7.5	13.8	-0.6	29.3	27	0.8	20	133	10	+55	48	6	..
Kaikoura AWS	105	17.7	11.8	14.8	-0.5	24.7	3	8.2	19	13	3	-43	12	6	..
Arthurs Pass	738	18.4	9.0	13.7	+2.5	24.7	26	2.7	20	185	10	-263	87	14	..
Arthurs Pass EWS	738	18.3	8.7	13.5	..	24.4	26	2.5	20	187	11	..	85	14	..
Culverden AWS	181	20.1	10.4	15.3	..	28.5	27	4.8	20	..	..	..	..	..	..
Cheviot EWS	75	20.0	9.6	14.8	..	28.2	27	2.8	20	130	13	..	55	6	187
Upper Rakaia EWS	1752	10.0	3.8	6.9	..	14.3	25	-1.7	17	129	17	..	49	14	..
Mt Potts EWS	2128	9.4	2.8	6.1	..	15.7	12	-6.0	17	107	13	..	23	14	..
Mt Cook EWS	765	21.2	7.6	14.4	+1.6	26.4	13	4.2	20	111	9	-358	49	14	210
Methven, Three Spring	305	19.0	9.6	14.3	..	27.8	27	4.9	20	88	12	..	25	15	..
Methven Cws	313	19.0	10.3	14.7	..	27.6	27	5.1	20	82	12	..	28	15	..
Winchmore EWS	160	20.6	9.4	15.0	+0.2	27.6	27	3.3	20	83	9	+23	27	6	..
Peel Forest	286	19.4	8.9	14.2	+0.3	27.8	1	4.5	9	102	11	-14	28	16	..
Ashburton Council	101	21.2	10.5	15.9	+0.2	29.0	1	4.8	9	77	12	+22	26	6	..
Ashburton Aero AWS	89	19.6	9.9	14.8	..	27.2	1	3.2	20	71	8	..	25	6	195
Wakanui Cws	53	19.0	10.2	14.6	..	27.3	1	5.2	20	76	7	..	26	6	..
Waipara West EWS	130	20.9	11.4	16.2	..	30.4	27	4.8	20	59	11	..	19	30	..
West Eyreton, Larunde	88	19.7	10.6	15.2	..	..	..	..	..	125	16	..	45	15	..
Rangiora EWS	23	19.7	11.0	15.4	+0.0	27.0	13	4.3	20	58	8	..	25	6	220
Darfield 2 EWS	212	19.8	10.3	15.1	..	27.2	27	2.9	20	104	10	..	46	6	..
Christchurch Aero	37	19.7	11.0	15.4	-0.4	26.3	13	4.3	20	61	8	+14	28	6	185
Christchurch Gardens	7	19.5	11.8	15.7	-0.3	26.7	28	6.0	20	65	10	+16	27	14	..
Christchurch, Kyle St	6	19.5	11.9	15.7	..	26.5	28	6.1	20	68	8	..	30	15	..
Christchurch, New Bri	12	16.6	13.0	14.8	..	24.3	4	7.4	20	..	..	..	..	..	..
Lincoln, Broadfield E	18	19.2	11.1	15.2	-0.1	27.4	27	3.6	20	58	6	..	33	6	..
Sugar Loaf AWS	618	16.4	9.8	13.1	..	24.3	13	5.0	17	..	..	..	..	..	..
Lyttelton Harbour	5	18.1	12.9	15.5	..	25.1	28	9.4	20	38	7	..	15	6	..
Leeston, Harts Creek	12	19.4	10.8	15.1	..	26.8	3	4.3	20	49	5	..	25	6	..
Leeston EWS	15	21.0	10.7	15.9	..	28.4	3	4.1	20	66	7	..	33	6	..
Dorie Cws @ Lefereks	55	20.5	11.1	15.8	..	27.3	2	4.3	20	60	6	..	30	6	..
Akaroa EWS	45	20.0	11.5	15.8	..	28.4	27	6.9	20	77	6	..	48	6	210
Le Bons Bay AWS	236	16.1	10.7	13.4	-0.3	23.0	4	6.8	20	66	8	..	40	6	..
Lake Tekapo, Air Safa	762	20.0	8.4	14.2	+0.8	25.7	27	3.3	17	35	7	-13	15	14	..
Lake Tekapo EWS	762	20.4	8.2	14.3	..	26.0	27	3.2	17	34	6	..	15	14	267
Fairlie AWS	403	18.2	9.7	14.0	..	26.0	1	5.1	17	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	23.1	8.0	15.6	..	29.1	27	2.7	1	40	10	..	10	25	..
Hakataramea Valley Cw	355	21.5	8.7	15.1	..	29.4	27	2.3	20	124	27	..	14	20	..
Orari Estate	81	19.7	9.9	14.8	+0.0	29.8	1	5.1	1	76	10	+11	26	6	..
Orari Estate Cws	81	19.2	9.8	14.5	..	28.8	1	5.1	1	75	12	..	25	6	..



Summary of the records of Temperature, Rainfall and Sunshine December 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 Cal, La Tontouta	14	31.0	22.2	26.6	..	..	..	17.3	19	..	..	..	..	..	
New Cal, Nouma	72	28.5	24.6	26.6	..	33.4	12	21.5	16	133	17	..	37	25	
New Cal, Moue	97	27.6	23.3	25.5	..	30.3	25	20.3	16	249	15	..	194	25	
Kiribati, Tarawa	2	..	26.2	..	..	..	..	..	..	..	..	..	..	..	
Tuvalu, Nanumea Is	2	31.1	25.7	28.4	..	..	..	..	..	..	..	..	..	..	
Tuvalu, Nui Is	2	31.3	26.6	29.0	..	..	..	..	..	..	..	..	..	..	
Tuvalu, Funafuti Aero	1	31.0	25.4	28.2	..	..	..	..	..	..	..	..	..	..	
Tuvalu, Niulakita Is	3	31.0	25.3	28.2	..	..	..	..	..	..	..	..	..	..	
Fiji, Nadi Aero	15	30.7	23.0	26.9	..	32.7	9	20.4	1	..	..	..	..	..	
Fiji, Nadi EWS	15	30.8	23.1	27.0	..	33.3	29	20.5	1	9	2	..	6	21	
Fiji, Nausori Aero	6	30.5	22.6	26.6	..	31.9	29	20.5	1	..	..	..	..	..	
Wallis Island, Hihifo	27	30.2	24.7	27.5	..	31.7	20	23.0	27	..	..	..	..	..	
Maopopo, Futuna Isla	36	30.8	24.9	27.9	..	32.4	29	23.0	12	445	20	..	118	26	
Samoa, Apia	1	30.1	23.6	26.9	..	..	..	..	..	..	..	..	..	..	
Tonga, Queen Lavinia	60	..	24.4	..	..	..	..	..	..	..	..	..	..	..	
Tonga, Lupepauu	67	29.5	22.5	26.0	..	..	..	19.0	7	..	..	..	..	..	
Salote Pilolevu Airpo	2	29.3	24.3	26.8	..	..	..	22.5	14	..	..	..	..	..	
Tonga, Fuaamotu Aero	38	29.5	23.0	26.3	..	31.5	10	16.6	7	..	..	..	..	..	
CI Rarotonga Aero	7	28.7	23.5	26.1	..	..	..	21.0	2	..	..	..	..	..	
Rarotonga EWS	4	28.7	23.4	26.1	..	30.4	21	21.2	2	323	18	..	119	28	
Vanuatu, Saratamata	18	31.0	23.1	27.1	..	..	..	..	..	..	..	..	..	..	
Hiva Hoa, Atuona	51	30.1	22.7	26.4	..	32.7	16	..	..	..	..	..	..	..	
Tahiti - Faa	1	30.4	23.9	27.2	..	31.7	19	21.9	21	..	..	..	..	..	
Tuamotu, Takaraoa	2	28.3	26.1	27.2	..	29.2	14	23.3	22	..	..	..	..	..	
Tuamotu, Hao	3	28.9	24.8	26.9	..	30.2	15	23.2	3	..	..	..	..	..	
Tuamotu, Hereheretue	3	29.6	24.4	27.0	..	30.3	8	21.9	8	79	19	..	31	10	
Gambier, Rikitea	91	27.3	22.1	24.7	..	29.0	29	20.1	5	70	17	..	20	7	
Rapa	1	25.5	21.2	23.4	..	28.2	24	..	..	..	..	..	..	..	
Pitcairn Is	264	24.7	19.8	22.3	..	26.2	12	..	..	148	..	..	48	15	
Raoul Island AWS	49	23.6	19.5	21.6	..	26.7	16	16.4	20	91	10	..	42	17	
Enderby Is AWS	40	11.7	8.0	9.9	..	13.6	13	3.6	5	70	18	..	18	14	
Campbell Island AWS	19	11.6	7.0	9.3	+0.5	15.4	12	1.9	16	74	23	-34	19	26	
Chatham Islands AWS	48	16.1	10.9	13.5	-0.1	19.9	29	7.1	19	61	10	+7	30	31	
Chatham Island EWS	14	17.1	11.4	14.3	..	21.1	29	8.2	1	59	8	..	31	31	
Georg Von Neumayer	40	-3.1	-8.9	-6.0	..	0.6	17	-19.0	6	..	..	..	..	..	
Ant South Pole	2827	-25.5	-29.5	-27.5	..	-12.3	25	-33.9	11	..	..	..	..	..	
Halley Bay	30	-4.0	-10.1	-7.1	..	1.7	11	-15.9	4	..	..	..	..	..	
Gen Belgrano 2	32	-3.0	-8.8	-5.9	..	2.5	18	-15.5	2	..	..	..	..	..	
Base Jubany	4	4.4	0.7	2.6	..	9.1	4	-1.0	24	..	..	..	..	..	
V C Marambio	198	2.5	-2.4	0.1	..	8.5	6	-6.6	2	..	..	..	..	..	
Eduardo Frei	10	1.9	-0.1	0.9	..	..	..	..	..	..	..	..	..	..	
Arturo Prat		2.6	0.1	1.4	..	..	..	..	..	..	..	..	..	..	
Bernado Ohiggins	10	1.4	-0.6	0.4	..	..	..	..	..	..	..	..	..	..	
Palmer Station	8	3.6	-0.1	1.8	..	6.8	4	-1.8	24	..	..	..	..	..	
Rothera Point	16	3.0	-0.5	1.3	..	5.7	11	-2.4	22	..	..	..	..	..	
Argentine Is, Faraday	11	2.1	-1.1	0.5	..	..	..	..	..	..	..	..	..	..	
Gen San Martin	4	4.4	-0.9	1.8	..	10.6	4	-3.1	25	..	..	..	..	..	
King Sejong	11	3.0	0.6	1.8	..	..	..	..	..	..	..	..	..	..	
Novolax Arevskaja	99	-2.4	-5.5	-4.0	..	..	..	-11.7	2	..	..	..	..	..	
Mawson	16	1.7	-5.9	-2.1	..	6.6	21	-11.1	9	..	..	..	..	..	
Davis	13	2.2	-3.6	-0.7	..	8.2	19	-6.8	17	..	..	..	..	..	
Progress	64	1.3	-3.8	-1.3	..	6.9	19	..	..	..	..	..	..	..	
Vostok	3420	-26.1	-36.4	-31.3	..	-18.7	19	-40.8	16	..	..	..	..	..	
Casey	41	1.2	-3.7	-1.3	..	..	..	-8.2	3	..	..	..	..	..	
Wilkins Runway East	755	-3.4	-10.5	-7.0	..	4.8	30	-19.0	2	..	..	..	..	..	
Durmont Durville	43	1.3	-4.7	-1.7	..	6.7	30	-10.0	1	..	..	..	..	..	
Mcmurdo	24	0.0	-4.7	-2.4	..	5.3	31	-9.1	20	..	..	..	..	..	
Ant Scott Base	16	-0.8	-7.1	-4.0	..	4.6	26	-12.8	19	..	..	..	..	..	
Ant Arrival Heights E	185	-0.9	-6.0	-3.5	..	4.6	31	-10.6	19	..	..	..	..	..	
Ant Scott Base EWS	16	0.2	-6.0	-2.9	..	5.5	26	-11.2	19	..	..	..	..	..	
Casey, Skiway South	392	0.1	-7.8	-3.9	..	..	..	..	..	..	..	..	..	..	
Darwin Airport	31	33.3	19.3	26.3	..	35.0	28	16.3	20	240	21	..	42	23	
Hobart Airport	4	24.8	12.2	18.5	..	33.1	13	4.9	2	62	14	..	31	19	

Summary of the records of Temperature, Rainfall and Sunshine December 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		
Late returns and corrections for November 2011															
Warkworth EWS	72	18.8	11.6	15.2	..	22.8	28	6.9	23	49	15	-48	18	1	..
Whatawhata 2 EWS	118	18.3	10.8	14.6	..	22.9	30	5.0	6	83	21	..	16	1	..
Taumarunui AWS	195	19.2	8.7	14.0	..	24.9	30	2.1	6	85	19	..	22	23	182
Dannevirke	207	18.1	8.8	13.5	-0.1	23.4	2	3.0	6	98	14	+9	21	9	209
Wallaceville EWS	56	17.6	8.5	13.1	..	22.0	30	2.0	30	101	16	-2	21	9	176
Blackball	35	17.0	6.0	11.5	..	21.8	14	..	..	401	..	..	..	..	..
Pigeon Creek Cws	105	16.0	8.5	12.3	..	21.4	10	1.0	5	..	..	..	..	..	..
Franz Josef	155	15.7	7.1	11.4	-0.5	21.2	1	0.4	5	506	..	+46	176	20	..
Castle Mount EWS	2000	4.8	-3.1	0.9	..	15.1	10	-12.1	5	775	26	..	140	20	..
Stephens Island	187	15.6	10.2	12.9	+0.2	..	..	..	..	60	11	..	16	9	..
Boyle River Lodge	600	17.1	5.3	11.2	..	..	..	-0.6	5	325	..	..	91	20	..
Arthurs Pass	738	13.3	5.0	9.2	+0.0	19.4	27	-2.3	5	478	19	+56	168	20	..
Christchurch Gardens	7	18.5	8.7	13.6	-0.4	28.2	28	4.0	6	56	10	+12	21	9	..
Middlemarch EWS	213	18.7	6.0	12.4	..	29.5	27	0.5	5	62	13	..	24	20	184
Dunedin, Musselburgh	4	15.8	8.2	12.0	-0.3	24.0	28	1.2	5	68	18	+5	29	20	174
Cromwell EWS	213	19.3	7.2	13.3	..	26.4	7	0.5	5	33	11	..	11	1	..
Lauder EWS	375	18.2	5.5	11.9	..	26.6	27	-2.2	5	87	13	..	24	20	..
Stewart Is	3	14.6	6.0	10.3	-0.5	21.5	..	..	..	179	..	+61	28	24	..
Balclutha, Telford Ew	11	15.8	6.4	11.1	..	24.3	7	0.4	5	88	17	..	24	20	201
Tuamotu, Hereheretue	3	28.7	24.1	26.4	..	..	..	..	..	..	..	..	..	..	..
Pitcairn Is	264	24.5	19.0	21.8	..	29.2	..	17.5	2	9	4	..	6	23	268
Late returns and corrections for October 2011															
Warkworth EWS	72	17.7	10.5	14.1	..	20.4	27	6.6	9	115	17	+9	22	10	..
Whatawhata 2 EWS	118	17.7	9.4	13.6	..	22.7	30	4.4	17	183	17	..	25	3	..
Taumarunui AWS	195	17.9	8.7	13.3	..	24.4	21	1.3	1	183	22	..	42	12	..
Blackball	35	17.2	6.3	11.8	..	21.8	31	0.5	9	252	..	..	60	1	..
Boyle River Lodge	600	14.8	4.4	9.6	..	..	..	-4.1	9	158	..	..	36	2	..
Late returns and corrections for September 2011															
Warkworth EWS	72	15.4	6.6	11.0	..	18.4	24	1.3	27	81	14	-58	17	11	..
Whatawhata 2 EWS	118	15.4	6.3	10.9	..	18.7	10	2.6	26	113	15	..	29	11	..
Taumarunui AWS	195	15.2	3.4	9.3	..	20.1	29	-3.4	3	87	16	..	20	11	176
Late returns and corrections for August 2011															
Warkworth EWS	72	14.4	5.3	9.9	..	20.7	30	-1.0	17	40	12	-116	9	14	..
Whatawhata 2 EWS	118	14.0	5.0	9.5	..	17.2	30	-1.4	16	58	12	..	13	14	..
Taumarunui AWS	195	13.1	1.6	7.4	..	17.7	30	-5.3	21	70	26	..	13	7	144
Blackball	35	11.2	2.3	6.8	..	..	..	-4.2	16	..	..	..	..	..	..
Late returns and corrections for July 2011															
Warkworth EWS	72	14.3	7.5	10.9	..	16.5	13	0.2	26	163	23	-18	35	22	..
Taumarunui AWS	195	12.1	1.6	6.9	..	17.0	23	-5.0	4	191	27	..	32	13	108
Late returns and corrections for June 2011															
Warkworth EWS	72	15.9	8.7	12.3	..	20.4	5	2.3	27	124	19	-54	23	4	..
Taumarunui AWS	195	14.3	4.9	9.6	..	19.2	5	-2.7	30	128	25	..	37	10	98
Late returns and corrections for May 2011															
Warkworth EWS	72	18.3	10.3	14.3	..	22.6	12	3.5	19	191	19	+76	43	26	..
Taumarunui AWS	195	17.1	7.7	12.4	..	22.5	3	-0.3	19	162	24	..	35	26	92
Late returns and corrections for April 2011															
Warkworth EWS	72	19.8	11.2	15.5	..	23.2	4	3.6	19	99	16	-13	42	25	..
Taumarunui AWS	195	19.1	6.5	12.8	..	23.5	12	-0.9	29	116	16	..	34	25	144
Late returns and corrections for March 2011															
Warkworth EWS	72	22.3	13.3	17.8	..	26.2	4	7.5	11	202	14	+92	70	21	..
Taumarunui AWS	195	22.7	8.5	15.6	..	26.8	12	1.3	8	158	16	..	41	5	202

*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 February 2011															
Warkworth EWS	72	24.1	16.3	20.2	..	26.9	7	10.3	28	29	11	-45	10	22	..
Taumarunui AWS	195	25.9	13.5	19.7	..	29.9	15	7.6	1	21	7	..	9	15	193
Late returns and corrections for January 2011															
Taumarunui AWS	195	25.6	11.9	18.8	..	30.9	4	4.2	14	236	10	..	120	23	253
Late returns and corrections for December 2010															
Taumarunui AWS	195	24.2	12.6	18.4	..	31.1	15	5.4	10	200	14	..	51	19	171
Late returns and corrections for November 2010															
Taumarunui AWS	195	22.7	8.0	15.4	..	29.8	28	-1.6	7	40	10	..	20	20	272
Late returns and corrections for October 2010															
Taumarunui AWS	195	18.4	5.8	12.1	..	22.9	27	-0.2	23	41	15	..	13	19	229
Late returns and corrections for September 2010															
Taumarunui AWS	195	14.9	6.1	10.5	..	19.7	28	-0.8	1	345	28	..	65	6	90
Late returns and corrections for August 2010															
Tarapounamu EWS	701	8.7	3.3	6.0	..	13.5	16	-1.8	11	456	26	..	120	14	..
Taumarunui AWS	195	14.0	4.5	9.3	..	17.2	2	-2.7	10	208	28	..	25	4	104
Late returns and corrections for July 2010															
Tarapounamu EWS	701	7.1	1.8	4.5	..	10.6	16	-1.6	11	69	20	..	11	16	..
Taumarunui AWS	195	13.2	0.3	6.8	..	16.5	6	-6.8	12	56	21	..	15	21	139
Late returns and corrections for June 2010															
Taumarunui AWS	195	13.2	3.6	8.4	..	17.0	6	-1.9	5	196	25	..	33	6	85
Late returns and corrections for May 2010															
Taumarunui AWS	195	16.4	4.4	10.4	..	21.4	13	-3.3	6	95	26	..	14	26	124
Late returns and corrections for April 2010															
Taumarunui AWS	195	20.0	6.6	13.3	..	24.3	15	-1.4	10	39	15	..	10	6	144
Late returns and corrections for March 2010															
Taumarunui AWS	195	22.1	8.4	15.3	..	28.0	5	-2.8	18	40	9	..	12	23	203
Late returns and corrections for February 2010															
Pukekohe EWS	88	24.0	14.9	19.5	+0.5	27.0	27	10.3	20	12	10	..	3	13	..
Taumarunui AWS	195	25.5	14.2	19.9	..	28.9	5	6.3	20	53	12	..	12	25	196
Late returns and corrections for January 2010															
Taumarunui AWS	195	23.5	11.4	17.5	..	28.2	28	3.1	9	150	16	..	46	21	209

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.