

JANUARY 2012

Summary of the records of Temperature, Rainfall and Sunshine January 2012

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Cape Reinga AWS	214	20.6	15.1	17.9	..	22.9	21	13.9	24	35	9	-29	13	7	..
Kaitaia Aero EWS	80	22.2	14.5	18.4	..	25.1	31	8.7	24	61	10	..	27	7	..
Kaitaia Observatory	85	22.1	14.3	18.2	..	25.3	31	9.5	24	72	14	-13	25	8	198
Kaitaia EWS	85	21.8	14.2	18.0	-1.5	25.1	30	9.4	24	72	13	..	24	7	209
Kerikeri EWS	79	23.2	13.6	18.4	-0.8	25.7	22	8.4	24	54	7	-63	24	7	..
Kerikeri Aerodrome Aw	150	22.8	13.6	18.2	..	25.1	15	10.3	19	68	18	..	26	7	..
Trounson Cws	220	19.9	12.3	16.1	..	23.2	6	6.2	24	162	12	..	57	7	..
Dargaville 2 EWS	66	21.8	14.7	18.3	..	25.7	6	9.9	24	97	13	..	36	7	187
Purerua AWS	82	22.0	14.7	18.4	..	24.1	22	10.7	24	68	8	..	27	7	..
Whangarei Aero AWS	37	23.6	14.9	19.3	-0.7	26.1	20	9.3	24	..	..	..	..	..	..
Mokohinau AWS	60	21.8	17.1	19.5	..	24.3	21	14.9	28	..	..	..	..	..	..
Leigh 2	27	24.4	15.1	19.8	+0.4	27.9	31	10.4	28	62	9	-12	39	7	..
Warkworth EWS	72	21.9	13.4	17.7	..	..	..	7.4	24	68	14	-24	32	7	..
Whangaparaoa AWS	89	22.5	15.4	19.0	..	24.6	21	12.5	23	70	12	..	30	7	..
Whenuapai AWS	26	22.1	14.1	18.1	..	24.5	30	7.7	24	..	..	..	..	..	..
Auckland, North Shore	64	21.2	13.4	17.3	..	23.4	31	9.8	24	60	15	..	24	7	209
Auckland, Henderson,	7	23.5	14.3	18.9	-0.7	27.0	6	8.3	24	57	17	-36	24	7	..
Lincoln Rd, Auckland	25	23.4	12.6	18.0	..	25.9	19	8.4	24	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	22.3	..	..	..	..	..	..	..	..	..	..	..	..	..
Waiheke Island, Awaro	34	22.7	13.3	18.0	..	24.8	31	8.5	24	76	..	-7	37	7	..
Whitianga Aero AWS	5	23.0	14.0	18.5	-0.3	26.4	25	7.2	28	121	15	+23	54	7	..
Thames 2	3	22.5	14.4	18.5	-1.2	25.1	25	7.1	28	81	11	+22	54	7	208
Paeroa AWS	18	23.5	13.5	18.5	-1.1	26.6	25	5.5	28	92	12	+15	53	7	..
Toenepi EWS	48	22.8	13.0	17.9	..	25.4	6	5.6	28	35	10	..	20	7	..
Matamata, Hinuera EWS	106	22.4	11.8	17.1	..	25.9	25	3.9	24	92	13	..	54	7	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	235
Tauranga Aero AWS	4	23.2	15.5	19.4	+0.2	26.0	20	8.4	28	62	9	-11	46	7	..
Te Puke EWS	91	22.7	13.7	18.2	..	..	..	..	..	119	12	+19	63	7	..
Whakatane Aero AWS	7	23.4	14.8	19.1	-0.1	28.2	29	7.1	28	86	12	+6	60	7	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	270
White Island AWS	310	20.6	14.8	17.7	..	23.7	25	10.7	28	133	8	..	122	7	..
Mamaku Radar Wxt AWS	617	17.4	11.4	14.4	..	21.2	25	5.6	28	..	..	..	..	..	..
Kawerau AWS	42	21.2	10.5	15.9	..	25.9	21	3.7	28	..	..	..	..	..	195
Rotorua Aero AWS	283	21.3	12.8	17.1	-0.6	25.1	2	4.6	28	119	12	+29	63	7	..
Galatea AWS	174	22.5	12.9	17.7	..	27.2	25	5.6	28	..	..	..	..	..	..
Taupo Wxt AWS	385	21.5	..	..	..	..	..	..	..	..	..	..	..	..	..
Tarapounamu EWS	701	17.9	9.6	13.8	..	24.7	25	3.4	28	146	15	..	35	7	..
Taupo AWS	400	21.0	11.8	16.4	-1.0	26.5	25	0.6	28	104	12	..	39	1	..
Opotiki	5	..	15.5	..	..	..	..	10.6	27	119	11	+38	41	7	..
Motu EWS	488	20.6	11.0	15.8	..	26.2	21	2.9	28	103	14	..	37	12	..
Otamatuna, Te Mapou H	624	19.3	10.6	15.0	..	24.8	21	3.8	28	87	14	..	39	7	..
Auckland, Mangere EWS	5	21.8	15.7	18.8	..	24.6	31	10.9	24	55	14	..	30	7	178
Pakuranga, Auckland R	15	23.3	14.6	19.0	..	26.3	30	9.8	24	..	..	..	..	..	..
Penrose Ews, Auckland	30	22.3	14.4	18.4	..	..	..	..	..	..	..	..	..	..	..
Auckland Aero	33	22.3	15.7	19.0	-0.8	25.2	30	10.9	24	56	14	-11	26	7	..
Auckland, Ardmore	23	22.8	12.6	17.7	-1.1	25.9	31	6.0	25	59	14	-18	22	7	..
Pukekohe EWS	88	22.0	13.9	18.0	-0.6	24.3	5	8.5	24	67	15	..	31	7	..
Firth Of Thames EWS	1	24.7	12.5	18.6	..	27.3	30	4.1	28	64	8	..	52	7	..
Whatawhata 2 EWS	118	21.6	13.3	17.5	..	25.0	11	5.7	24	48	14	..	13	7	..
Hamilton, Ruakura 2 E	45	21.3	11.6	16.5	..	23.5	30	4.2	28	98	13	..	56	7	188
Hamilton AWS	53	22.4	12.8	17.6	-0.6	25.1	30	5.3	28	105	14	+25	58	7	..
Lake Karapiro Cws	55	22.4	13.8	18.1	..	25.6	31	6.7	28	59	14	..	34	7	..
Port Taharoa AWS	27	22.3	15.3	18.8	-0.3	26.1	9	9.6	24	88	16	..	38	7	..
Waikeria 2	46	22.9	12.7	17.8	-0.6	25.2	24	4.9	28	113	10	+29	52	7	..
Te Kuiti EWS	62	22.2	12.3	17.3	..	25.7	30	4.1	28	110	13	..	39	7	187
Pureora Forest Cws	549	18.7	10.1	14.4	..	23.1	25	1.1	24	119	15	..	46	7	..
Taumarunui	171	21.9	12.6	17.3	-1.0	26.6	25	5.5	28	102	17	-13	29	12	..
Taumarunui AWS	195	22.4	11.7	17.1	..	27.7	25	2.9	28	147	17	..	40	7	161
Turangi 2 EWS	350	21.5	11.3	16.4	..	26.7	25	2.0	28	80	14	..	24	7	189
New Plymouth AWS	30	20.8	13.2	17.0	-0.7	25.1	9	4.2	28	64	17	-33	20	12	236
Lower Retaruke Cws	233	21.9	12.1	17.0	..	27.8	25	4.6	24	155	16	..	62	1	..
Mt Ruapehu, Chateau E	1097	15.1	6.3	10.7	-1.7	22.7	25	-1.4	28	264	19	+55	46	1	..
Alfredton EWS	240	21.3	11.4	16.4	..	26.0	10	1.4	28	119	15	..	26	8	..

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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		
Masterton Aero AWS	138	22.2	10.1	16.2	..	26.7	12	3.0	28	108	11	..	37	8	..
Kopua	311	21.2	11.2	16.2	-0.6	26.5	12	1.4	28	141	12	+72	41	8	..
Takapau Plains AWS	330	20.4	10.5	15.5	..	26.2	12	1.0	28	136	15	..	33	1	..
Dannevirke EWS	207	20.1	11.2	15.7	..	25.9	12	0.8	28	124	12	..	28	7	226
Waione EWS	48	23.8	12.6	18.2	..	31.1	12	2.0	28	76	15	..	21	8	..
Cape Turnagain AWS	292	17.4	12.5	15.0	..	21.7	11	7.5	28	..	..	..	..	..	..
Akitio EWS	245	18.7	11.5	15.1	..	23.4	12	4.2	28	161	13	..	76	8	269
Castlepoint Station	9	21.4	13.6	17.5	..	25.8	11	6.9	28	178	9	+125	89	8	..
Castlepoint AWS	120	19.7	13.3	16.5	-1.4	..	..	..	..	170	13	..	89	8	..
Baring Head	79	18.3	13.1	15.7	..	22.7	12	7.7	28	32	6	..	12	8	..
Te Wharau, Brackenfie	292	20.9	10.0	15.5	..	25.0	11	1.6	28	152	9	..	95	8	..
Martinborough EWS	20	21.6	11.1	16.4	..	26.5	10	2.9	28	62	10	..	18	8	255
Ngawi AWS	6	21.0	14.0	17.5	..	25.1	12	8.0	23	80	9	..	44	8	..
Hicks Bay AWS	46	21.4	15.7	18.6	+0.0	23.7	5	9.4	24	93	9	..	64	7	..
Gisborne AWS	5	24.3	14.2	19.3	+0.1	28.1	12	7.9	23	73	6	+17	57	7	275
Tolaga Bay Wxt AWS	12	22.2	14.5	18.4	..	26.9	26	9.6	29	..	..	..	..	..	..
Napier Aero AWS	3	24.0	13.2	18.6	-0.2	30.0	12	5.7	28	109	8	+56	45	8	..
Napier Nelson Pk	2	24.6	14.0	19.3	-0.2	31.0	12	5.2	28	112	7	+64	52	7	269
Hastings AWS	16	24.3	13.3	18.8	..	30.2	12	4.6	28	92	8	..	35	7	..
Whakatu EWS	5	23.0	11.7	17.4	..	28.7	26	3.9	28	74	5	..	28	7	..
Waipawa EWS	130	23.1	11.0	17.1	..	28.8	12	1.8	28	85	7	..	42	7	244
Wairoa, North Clyde E	15	24.0	13.7	18.9	-0.2	28.8	12	6.8	28	93	9	-3	56	7	..
Cape Kidnappers Wxt A	118	20.2	15.1	17.7	..	25.9	31	8.9	28	..	..	..	..	..	..
Paraparamu Aero	5	20.5	13.2	16.9	-0.4	23.8	10	6.0	28	50	10	-20	12	12	238
Paraparamu Aero AWS	5	20.3	13.5	16.9	-0.2	23.6	10	6.2	28	50	10	..	13	8	257
Ohakea AWS	50	21.0	13.2	17.1	..	26.8	9	6.4	28	..	..	..	..	..	..
Palmerston North AWS	39	22.0	12.4	17.2	-0.4	26.4	12	3.0	28	81	15	+25	14	7	..
Palmerston North EWS	21	21.0	12.6	16.8	..	25.8	9	3.2	28	87	13	..	16	1	161
Levin AWS	14	21.0	13.2	17.1	-0.5	26.3	9	5.3	23	57	13	..	11	12	..
Mana Island	2	20.6	14.1	17.4	+0.0	22.7	12	6.9	28	33	9	..	11	8	..
Mana Island AWS	100	18.0	13.3	15.7	..	22.1	10	8.3	28	36	10	..	14	8	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	212
Wellington, Kelburn A	125	19.1	12.8	16.0	..	22.7	10	8.0	28	108	11	..	59	8	..
Wellington Aero	4	19.8	13.8	16.8	-1.0	23.4	10	8.6	27	81	8	+20	40	8	..
Wallaceville EWS	56	20.4	11.5	16.0	..	24.3	10	3.6	28	111	8	+27	38	8	177
Stratford EWS	300	19.4	10.6	15.0	..	23.6	9	4.9	28	121	16	..	33	12	194
Hawera AWS	98	19.5	11.9	15.7	..	23.7	12	5.5	28	87	14	..	14	8	..
Ohakune EWS	607	20.0	10.3	15.2	..	24.6	9	0.6	28	176	15	..	58	1	214
Waiouru Treatment Pla	806	18.3	7.9	13.1	-1.0	22.6	13	0.3	28	138	16	+52	48	1	..
Waiouru AWS	820	17.8	8.5	13.2	..	22.7	12	-0.3	28	132	15	+41	49	1	..
Waiouru Airstrip AWS	818	17.6	7.7	12.7	..	22.2	12	-0.6	28	139	13	..	42	1	..
Taihape Rec	433	21.4	9.7	15.6	-1.1	26.6	12	1.9	28	73	11	+2	37	1	..
Flat Hills Wxt AWS	263	20.3	11.9	16.1	..	25.7	12	4.5	28	..	..	..	..	..	..
Wanganui,Spriggens Pa	15	19.6	12.0	15.8	-2.4	24.8	10	6.1	28	90	12	+28	31	8	..
Wanganui AWS	8	20.8	13.7	17.3	-0.8	26.1	10	7.5	17	87	15	..	28	8	..
Wanganui 2 AWS	18	21.6	13.4	17.5	..	26.7	10	6.9	28	..	..	..	..	..	..
Takaka, Kotinga 2	25	22.9	12.0	17.5	+0.6	27.2	20	..	..	39	7	-103	15	12	..
Takaka EWS	20	22.8	12.0	17.4	..	27.3	20	5.4	28	34	5	..	15	12	257
Farewell Spit AWS	3	21.3	13.9	17.6	+0.0	24.2	1	9.7	23	24	6	..	14	12	..
Westport Aero AWS	2	20.1	12.0	16.1	-0.1	26.4	8	7.1	23	153	14	-27	34	11	..
Arapito	18	20.5	11.9	16.2	-0.2	26.1	8	5.4	23	134	13	-60	28	26	213
Arapito EWS	18	19.9	11.0	15.5	..	25.5	8	4.5	23	122	16	..	27	26	..
Murchison EWS	185	23.1	9.5	16.3	..	29.4	11	4.3	31	120	14	-6	37	13	..
Lake Rotoiti EWS	634	21.0	8.3	14.7	..	26.1	11	-0.4	23	89	13	..	26	13	..
Hokitika Aero	39	19.0	11.0	15.0	-0.6	26.1	8	5.2	16	220	14	-30	46	12	214
Hokitika AWS	38	19.3	11.1	15.2	-0.4	26.3	8	5.2	16	200	14	..	43	12	..
Reefton EWS	198	23.1	11.6	17.4	+0.6	28.2	11	5.2	23	107	13	-52	27	13	215
Greymouth Aero	4	19.9	12.2	16.1	+0.2	24.8	9	6.2	16	227	14	+11	79	12	207
Greymouth Aero EWS	5	18.9	11.8	15.4	..	23.8	8	5.7	16	207	14	..	59	13	239
Pigeon Creek Cws	105	19.5	10.6	15.1	..	24.7	9	3.8	23	386	17	..	144	13	..
Mt Philistine EWS	1655	8.0	1.5	4.8	..	13.8	18	-4.1	16	502	20	..	160	13	..
Ivory Glacier Cws	1390	9.5	4.4	7.0	..	15.0	1	-1.1	16	493	17	..	125	13	..
Okarito	2	18.6	10.4	14.5	..	22.5	8	4.7	16	300	13	-54	63	31	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Franz Josef EWS	80	18.5	9.5	14.0	..	25.7	1	3.1	16	376	17	..	82	13	156
Haast AWS	5	18.0	9.6	13.8	-1.0	24.0	8	4.6	27	284	16	..	76	31	..
Milford Sound	3	18.4	9.9	14.2	-0.5	24.5	8	5.7	27	320	18	-402	79	26	..
Milford Sound AWS	3	19.1	9.8	14.5	..	25.7	8	5.8	27	471	17	..	145	31	..
Castle Mount EWS	2000	7.5	-0.1	3.7	..	15.0	24	-7.2	27	1103	21	..	226	31	..
Secretary Island AWS	19	16.7	10.5	13.6	..	23.0	8	6.6	27	348	17	..	77	31	..
Puysegur Point AWS	44	15.1	10.8	13.0	-0.7	19.7	10	5.7	27	192	22	-23	54	26	..
Motueka, Riwaka EWS	8	23.3	11.1	17.2	-0.3	27.3	20	3.9	23	41	7	-41	31	12	..
Pelorus Sd, Crail Bay	13	21.3	13.3	17.3	-0.4	25.1	20	6.8	23	69	12	-82	26	12	..
Nelson Aero	2	22.1	13.3	17.7	+0.0	27.5	20	6.4	23	14	4	-58	7	12	264
Appleby 2 EWS	18	22.0	10.7	16.4	..	26.4	20	2.3	23	27	6	..	20	12	255
Nelson AWS	4	22.5	13.2	17.9	+0.1	26.8	20	5.9	23	12	7	..	6	12	..
Blenheim Research EWS	4	22.7	12.3	17.5	-0.5	27.4	5	4.8	23	26	7	-22	11	8	270
Wairau Valley, Mill R	172	23.0	11.5	17.3	..	30.5	5	2.5	23	43	12	..	22	12	..
Blenheim Aero AWS	35	23.4	11.3	17.4	-0.5	29.3	5	1.3	23	25	7	-28	11	8	..
Brothers Island AWS	68	18.6	13.7	16.2	..	22.0	21	8.9	27	41	11	..	13	8	..
Awatere Valley, Dashw	83	21.9	11.1	16.5	..	26.9	11	2.5	23	24	5	..	10	8	..
Grassmere Salt Works	2	22.0	14.3	18.2	+0.2	27.0	31	8.4	27	42	6	+5	28	8	..
Cape Campbell AWS	2	18.6	13.5	16.1	..	21.5	14	7.1	27	53	6	..	29	8	..
Hanmer Forest EWS	363	21.9	6.6	14.3	-1.6	27.6	18	-0.1	28	40	8	-29	13	22	..
Kaikoura AWS	105	19.1	12.4	15.8	-0.8	25.5	5	5.6	27	..	..	..	..	..	..
Arthurs Pass	738	17.0	7.8	12.4	-0.4	23.6	1	2.0	27	313	..	-98	113	13	..
Arthurs Pass EWS	738	16.9	7.5	12.2	..	23.6	1	2.2	27	314	13	..	103	13	..
Culverden AWS	181	21.5	10.2	15.9	..	28.8	18	3.8	28	..	..	..	..	..	..
Cheviot EWS	75	21.7	9.6	15.7	..	29.5	5	2.8	17	49	9	..	18	22	233
Upper Rakaia EWS	1752	10.3	2.9	6.6	..	18.5	4	-3.8	27	141	18	..	26	26	..
Mt Potts EWS	2128	10.4	1.7	6.1	..	19.7	4	-5.8	23	50	16	..	14	12	..
Mt Cook EWS	765	21.2	6.9	14.1	-0.5	29.0	4	0.1	23	217	12	-194	51	26	190
Craigieburn Forest	914	19.6	5.8	12.7	-1.0	25.2	5	-0.9	23	139	12	+37	35	26	..
Methven, Three Spring	305	20.2	8.8	14.5	..	27.6	18	0.4	27	60	11	..	20	26	..
Methven Cws	313	20.5	9.2	14.9	..	28.0	18	0.7	27	52	11	..	20	26	..
Winchmore EWS	160	21.8	8.5	15.2	-1.2	29.7	18	0.9	27	50	12	-5	19	26	..
Peel Forest	286	20.6	8.1	14.4	-1.1	27.1	4	0.1	27	109	16	+8	25	26	..
Ashburton Council	101	21.9	10.1	16.0	-1.2	30.6	18	2.5	27	55	16	+0	24	26	..
Ashburton Aero AWS	89	20.8	9.1	15.0	..	28.3	18	2.1	27	55	10	..	23	26	234
Wakanui Cws	53	20.2	9.4	14.8	..	27.3	28	2.5	28	45	10	..	20	26	..
Waipara West EWS	130	22.0	10.4	16.2	..	28.6	5	4.0	16	49	10	..	11	22	..
West Eyreton, Larunde	88	20.5	9.5	15.0	..	27.4	5	2.7	28	60	11	..	16	12	..
Rangiora EWS	23	21.9	10.3	16.1	-0.6	28.9	26	4.2	27	40	10	..	12	22	257
Darfield 2 EWS	212	21.8	9.4	15.6	..	28.7	18	1.0	16	64	14	..	18	26	..
Christchurch Aero	37	22.1	9.7	15.9	-1.2	28.6	26	3.5	16	51	10	+8	18	26	233
Christchurch Gardens	7	22.1	11.2	16.7	-0.7	28.0	5	5.0	27	42	7	+0	18	22	..
Christchurch, Kyle St	6	21.8	11.3	16.6	..	29.2	26	4.4	27	39	8	..	15	22	..
Christchurch, New Bri	12	18.8	12.5	15.7	..	26.7	26	5.2	27	..	..	..	..	..	..
Lincoln, Broadfield E	18	21.1	10.5	15.8	-0.9	27.7	26	3.4	16	31	7	..	12	26	..
Sugar Loaf AWS	618	19.1	9.2	14.2	..	25.3	5	1.5	27	..	..	..	..	..	..
Lyttelton Harbour	5	20.4	13.1	16.8	..	26.7	5	7.0	27	20	7	..	9	22	..
Leeston, Harts Creek	12	20.5	10.3	15.4	..	26.9	26	3.8	27	18	7	..	15	26	..
Leeston EWS	15	22.5	10.3	16.4	..	29.8	18	3.7	27	36	13	..	15	26	..
Dorie Cws @ Lefereks	55	21.1	10.5	15.8	..	30.3	18	3.5	27	44	9	..	16	26	..
Akaroa EWS	45	21.8	11.2	16.5	..	28.1	18	5.2	27	39	14	..	15	26	247
Le Bons Bay AWS	236	18.5	10.4	14.5	-0.8	25.2	5	4.3	27	25	12	..	6	8	..
Lake Tekapo, Air Safa	762	21.3	7.4	14.4	-0.8	28.9	4	1.0	23	44	8	+3	12	6	..
Lake Tekapo EWS	762	21.7	7.7	14.7	..	29.2	4	0.5	23	44	6	..	13	26	300
Fairlie AWS	403	19.7	8.6	14.2	..	27.5	18	2.4	27	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	24.5	7.3	15.9	..	31.7	4	0.6	16	60	9	..	19	6	..
Hakataramea Valley Cw	355	22.6	8.2	15.4	..	29.9	18	1.2	27	34	8	..	13	26	..
Orari Estate	81	20.7	9.5	15.1	-1.2	28.6	19	2.8	27	67	15	+2	18	26	..
Orari Estate Cws	81	20.1	9.4	14.8	..	27.0	19	2.9	27	68	15	..	18	26	..
Timaru Aero AWS	26	21.1	8.7	14.9	-0.9	30.5	19	2.2	27	58	14	+7	15	26	..
Timaru EWS	17	19.9	10.2	15.1	..	28.2	19	3.3	27	84	16	..	20	26	..
Waimate Cws	55	20.3	10.0	15.2	..	27.9	19	4.0	16	107	17	..	33	13	..
Oamaru Airport AWS	30	19.3	10.0	14.7	..	27.1	19	3.8	27	93	15	..	31	13	..

Summary of the records of Temperature, Rainfall and Sunshine January 2012

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Albert Burn	1280	14.4	4.0	9.2	..	21.8	24	-2.8	16	181	17	..	55	26	..
Eglinton, Knobs Flat	365	19.8	6.8	13.3	..	26.9	9	2.1	24	181	17	..	57	26	..
Tara Hills AWS	488	23.9	8.0	16.0	-0.2	30.8	18	0.5	16	49	8	+5	16	12	..
Wanaka Aero AWS	352	23.7	10.2	17.0	..	30.0	1	3.2	27	58	6	..	18	26	..
Naseby Forest 2	607	21.0	6.8	13.9	-0.2	26.8	30	-0.3	27	150	..	+79	61	13	..
Windsor EWS	81	20.7	9.2	15.0	..	27.2	19	3.4	16	73	10	..	30	13	..
Ranfurly EWS	450	22.1	6.4	14.3	..	28.8	4	-0.9	3	137	11	..	50	13	..
Oamaru AWS	40	19.9	9.5	14.7	..	27.2	28	3.6	27	98	16	..	26	13	..
Rock And Pillar AWS	270	20.8	7.6	14.2	..	..	..	-0.3	27	..	..	..	..	..	..
Palmerston	21	20.2	9.2	14.7	-0.2	26.7	19	2.8	27	100	13	+45	28	13	186
Middlemarch EWS	213	21.8	7.6	14.7	..	30.5	4	-0.1	3	89	11	..	25	12	196
Swampy Summit AWS	722	15.3	5.7	10.5	..	23.1	18	-0.4	27	..	..	..	..	..	..
Dunedin Aero AWS	1	20.9	8.7	14.8	-0.2	27.7	18	2.3	3	65	10	-5	27	26	..
Dunedin, Musselburgh	4	19.3	10.8	15.1	-0.1	26.7	19	4.7	27	62	10	-10	25	26	185
Murchison Mtns EWS	1140	12.1	3.6	7.9	..	..	..	..	..	233	18	..	59	26	..
Takahe Valley Cws	895	14.3	4.1	9.2	..	22.9	9	-1.1	27	158	16	..	47	26	..
Manapouri, West Arm J	178	18.5	8.9	13.7	..	26.7	9	2.9	27	272	17	..	67	26	..
Manapouri Aero AWS	209	20.0	7.7	13.9	..	28.8	9	1.6	16	85	13	..	29	26	..
Birchwood Wxt AWS	147	18.2	8.9	13.6	..	..	..	..	..	..	..	..	..	..	..
Queenstown	329	23.7	9.8	16.8	+0.1	30.2	9	4.5	27	70	7	-8	27	26	246
Queenstown Aero AWS	354	22.1	9.2	15.7	+0.1	28.6	9	3.1	3	78	9	+15	30	26	..
Lumsden AWS	187	20.2	8.1	14.2	-0.5	28.9	9	1.8	30	101	13	..	29	26	..
Riversdale Aquifer @	125	20.3	8.0	14.2	..	28.7	9	1.0	26	172	15	..	54	26	..
Cromwell EWS	213	23.9	9.9	16.9	..	30.2	4	3.9	30	60	6	..	26	13	..
Lauder EWS	375	22.8	7.8	15.3	..	29.3	4	0.0	27	105	8	..	44	12	..
Ophir 2	305	22.5	6.4	14.5	..	29.0	9	0.2	3	94	5	..	33	12	..
Alexandra	150	25.3	9.7	17.5	..	31.7	9	2.7	27	63	6	..	28	12	263
Clyde EWS	171	23.0	8.9	16.0	-1.1	29.2	9	2.9	27	74	9	..	30	12	..
Alexandra Cws	140	23.6	9.7	16.7	..	30.9	9	2.8	27	68	13	..	32	12	..
Roxburgh Wxt AWS	160	21.4	9.5	15.5	..	..	..	2.6	27	..	..	..	..	..	..
Ettrick No.2	91	23.0	8.5	15.8	-0.3	31.2	4	2.0	27	91	10	..	36	12	..
Tapanui	180	21.0	7.9	14.5	+0.0	29.6	9	1.5	..	120	..	+27	30	26	..
Waitutu Cws	30	18.1	8.3	13.2	..	26.4	4	3.1	3	..	..	..	..	..	..
Winton 2	44	20.2	8.7	14.5	+0.0	27.9	9	4.0	27	144	14	+42	39	26	188
Gore AWS	123	19.0	9.0	14.0	-0.3	25.8	31	3.0	3	139	16	+33	32	26	..
Invercargill Aero	18.7	9.2	14.0	+0.0	26.5	9	3.9	30	119	16	+5	33	26	191	..
Invercargill Aero AWS	1	18.7	9.2	14.0	..	27.3	9	3.4	30	119	16	..	31	26	..
Invercargill Aero 2 E	..	..	..	..	..	..	..	..	..	109	16	..	30	26	176
Tiwai Point EWS	5	17.8	10.5	14.2	-0.1	25.5	4	5.8	30	98	17	-14	33	26	..
Balclutha, Telford Ew	11	19.4	8.6	14.0	..	28.7	31	2.1	30	54	12	..	13	26	234
Nugget Point AWS	129	18.0	9.4	13.7	-0.2	27.9	31	4.4	27	75	19	..	14	11	..
Tautuku	25	18.4	8.5	13.5	-0.4	27.0	31	4.0	28	127	15	-5	20	26	..
South West Cape AWS	101	14.4	9.8	12.1	..	20.8	9	5.4	27	126	23	..	27	11	..
Solomon, Taro Is	3	31.7	25.1	28.4	..	..	..	..	..	230	21	..	55	29	..
Solomon, Munda	6	31.2	24.1	27.7	..	..	..	..	..	..	..	..	..	..	..
Solomon, Auki	11	32.1	24.2	28.2	..	..	..	..	..	767	24	..	121	6	..
Solomon, Honiara	56	30.9	23.9	27.4	..	..	..	23.0	12	363	23	..	74	29	..
Solomon, Henderson	9	30.8	23.4	27.1	..	32.5	26	..	..	388	22	..	92	4	..
Nauru Upper Air	6	30.9	25.6	28.3	..	31.4	11	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.2	..	..	..	..	22.0	19	422	24	..	107	5	..
Vanuatu,Sola	13	31.0	..	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.4	22.7	26.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Lamap	22	31.1	24.1	27.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	..	22.7	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	30.4	20.3	25.4	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	29.8	22.8	26.3	..	32.3	5	..	..	..	..	..	..	..	..
New Cal, Koumac	18	29.8	25.0	27.4	..	32.7	16	22.7	1	121	13	..	40	19	..
New Cal, Oulop	7	29.3	25.1	27.2	..	31.2	20	22.3	9	..	..	..	..	..	..
New Cal, Ouanaham	29	29.3	22.8	26.1	..	30.8	5	15.9	9	..	..	..	..	..	..
New Cal, Poinoimie	13	28.9	24.7	26.8	..	30.6	4	22.0	8	225	21	..	58	4	..
New Cal, La Roche	42	28.3	23.0	25.7	..	30.1	15	17.5	11	215	20	..	146	2	..
New Cal, La Tontouta	14	31.5	21.4	26.5	..	35.2	21	16.6	9	..	..	..	..	..	..
New Cal, Nouma	72	28.3	24.7	26.5	..	31.5	20	21.4	1	90	12	..	43	2	..

Summary of the records of Temperature, Rainfall and Sunshine January 2012

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
New Cal, Moue	97	27.8	23.0	25.4	..	29.8	17	19.4	9	83	17	..	37	2	..
Kiribati,Tarawa	2	..	25.9	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	30.5	24.8	27.7	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	31.0	26.1	28.6	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	30.4	25.3	27.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	30.7	25.4	28.1	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.7	23.4	27.1	..	33.4	1	21.5	11	..	..	..	..	..	..
Fiji, Nadi EWS	15	30.8	23.5	27.2	..	33.4	4	21.6	11	15	3	..	8	18	..
Fiji,Nausori Aero	6	29.8	23.4	26.6	..	32.0	1	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.1	24.7	27.4	..	31.6	16	22.3	20	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.4	25.2	27.8	..	..	..	23.1	28	629	23	..	120	19	..
Samoa,Faleolo	4	30.6	..	..	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.4	23.7	27.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	29.8	23.9	26.9	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.1	23.4	26.3	..	..	..	19.7	1	..	..	..	..	..	..
Salote Pilelevu Airpo	2	29.4	24.1	26.8	..	..	..	22.0	12	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	29.6	23.6	26.6	..	31.4	18	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	28.9	23.6	26.3	..	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	4	29.0	23.6	26.3	..	31.4	28	20.9	6	222	19	..	53	12	..
Vanuatu, Saratamata	18	31.4	22.9	27.2	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.0	22.7	26.9	..	33.2	5	21.3	11	41	10	..	10	10	..
Tahiti - Faaa	1	30.1	23.6	26.9	..	31.7	29	20.7	9	..	..	..	..	..	..
Tuamotu, Takaroa	2	28.6	26.2	27.4	..	29.5	23	23.3	31	..	..	..	..	..	..
Tuamotu, Hao	3	29.6	25.1	27.4	..	31.4	19	23.0	7	..	..	..	..	..	..
Tuamotu, Hereheretue	3	29.9	24.1	27.0	..	31.7	5	21.6	10	197	23	..	32	7	..
Gambier, Rikitea	91	28.8	22.9	25.9	..	30.5	17	20.4	27	245	21	..	67	22	..
Tubuai	2	27.9	22.3	25.1	..	..	..	..	..	..	..	..	..	..	..
Rapa	1	25.9	21.3	23.6	..	28.4	2	18.6	19	216	25	..	64	3	..
Pitcairn Is	264	26.3	21.0	23.7	..	30.3	19	19.0	..	277	..	..	50	31	..
Pitcairn Island AWS	264	26.1	20.8	23.5	..	29.9	19	18.5	29	0	1	..	0	23	..
Raoul Island AWS	49	23.8	19.6	21.7	..	26.4	16	16.9	27	243	10	..	135	9	..
Enderby Is AWS	40	11.7	7.7	9.7	..	14.2	11	3.6	27	148	24	..	63	30	..
Campbell Island AWS	19	11.0	6.9	9.0	-0.6	..	..	..	..	143	27	+31	34	30	..
Chatham Islands AWS	48	18.1	12.8	15.5	+0.8	22.1	6	6.0	31	38	13	-16	18	1	..
Chatham Island EWS	14	19.2	12.5	15.9	..	22.5	15	3.8	31	46	12	..	17	1	..
Georg Von Neumayer	40	-2.6	-9.7	-6.2	..	-0.5	17	-17.5	31	..	..	..	..	..	..
Ant South Pole	2827	-26.8	-30.1	-28.5	..	-20.9	10	-38.2	31	..	..	..	..	..	..
Halley Bay	30	-3.5	-10.3	-6.9	..	1.3	16	-15.6	13	..	..	..	..	..	..
Gen Belgrano 2	32	-1.9	-7.2	-4.6	..	1.3	16	-12.6	10	..	..	..	..	..	..
Base Jubany	4	4.2	0.5	2.4	..	7.2	1	-1.6	4	..	..	..	..	..	..
Dinamet	10	3.4	-0.1	1.7	..	6.2	10	-3.6	13	..	..	..	..	..	..
V C Marambio	198	1.9	-3.0	-0.6	..	8.0	21	-5.5	7	..	..	..	..	..	..
Eduardo Frei	10	2.6	0.3	1.5	..	5.3	10	-1.5	4	..	..	..	..	..	..
Arturo Prat		3.6	0.5	2.1	..	6.5	30	-1.5	4	..	..	..	..	..	..
Great Wall	10	3.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	2.0	-0.5	0.8	..	6.2	10	-2.4	3	..	..	..	..	..	..
Palmer Station	8	3.3	-0.2	1.6	..	6.3	10	-1.8	10	..	..	..	..	..	..
Rothera Point	16	2.2	-0.6	0.8	..	5.3	2	-2.6	23	..	..	..	..	..	..
Argentine Is, Faraday	11	1.5	-1.4	0.1	..	4.4	17	-3.9	10	..	..	..	..	..	..
Gen San Martin	4	3.5	-1.0	1.3	..	7.8	17	-4.1	28	..	..	..	..	..	..
King Sejong	11	2.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	0.7	-3.4	-1.4	..	..	..	-6.9	9	..	..	..	..	..	..
Mawson	16	1.8	-4.4	-1.3	..	..	..	-7.4	31	..	..	..	..	..	..
Davis	13	2.8	-1.6	0.6	..	6.1	19	-4.3	28	..	..	..	..	..	..
Progress	64	1.7	-2.2	-0.3	..	..	..	..	..	..	..	..	..	..	..
Vostok	3420	-26.9	-36.5	-31.7	..	-16.5	14	-43.1	27	..	..	..	..	..	..
Casey	41	0.7	-3.3	-1.3	..	3.8	1	-7.0	29	..	..	..	..	..	..
Wilkins Runway East	755	-0.8	-9.9	-5.4	..	5.8	2	-17.9	27	..	..	..	..	..	..
Durmout Durville	43	0.6	-4.6	-2.0	..	6.5	11	-10.3	31	..	..	..	..	..	..
Mcmurdo	24	-0.6	-5.4	-3.0	..	3.2	7	-12.2	26	..	..	..	..	..	..
Ant Scott Base	22	-1.7	-8.1	-4.9	..	2.5	15	-13.1	26	..	..	..	..	..	..
Ant Arrival Heights E	210	-2.0	-7.6	-4.8	..	2.8	13	-15.5	26	..	..	..	..	..	..
Ant Scott Base EWS	16	-1.3	-7.4	-4.4	..	3.2	15	-13.2	26	..	..	..	..	..	..

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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, Skiway South	392	-1.8	-7.8	-4.8	..	1.3	3	-15.8	31	..	..	..	..	..	
Darwin Airport	31	32.6	19.5	26.1	..	35.0	10	16.8	27	..	..	..	..	..	
Hobart Airport	4	26.1	13.1	19.6	..	33.2	3	5.8	11	45	10	..	37	30	
Late returns and corrections for December 2011															
Tiri Tiri Lighthouse	76	19.7	16.1	17.9	+0.2	23.5	..	13.5	19	131	18	+65	24	4	..
North Shore, Auckland	20	22.2	12.2	17.2	..	..	..	..	..	..	..	..	..	..	..
Lincoln Rd, Auckland	25	22.4	12.7	17.6	..	24.8	31	8.4	24	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	20.8	14.8	17.8	..	23.7	6	10.9	19	..	..	..	..	..	..
Pakuranga, Auckland R	15	22.7	14.8	18.8	..	25.2	5	10.3	20	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.2	13.7	17.5	..	24.4	5	10.0	20	..	..	..	..	..	..
Mt Ruapehu, Chateau E	1097	15.3	5.8	10.6	+0.1	19.7	24	0.2	23	193	16	-51	28	15	..
Pahiatua EWS	110	20.7	10.3	15.5	..	25.3	14	4.4	8	129	18	..	50	30	..
Dannevirke EWS	207	19.6	10.2	14.9	..	25.2	3	3.2	20	106	13	..	28	30	173
Akitio EWS	245	17.2	11.0	14.1	..	..	..	..	..	..	..	..	..	..	..
Mahia Radar Wxt AWS	419	15.4	..	..	..	..	..	..	..	..	..	..	..	..	..
Franz Josef	155	21.6	11.1	16.4	+2.7	24.5	13	9.0	3	321	..	-246	161	14	..
Stephens Island	187	17.6	12.5	15.1	+0.7	..	..	..	..	119	12	..	30	30	..
Kaikoura AWS	105	17.7	11.8	14.8	-0.5	24.7	3	8.2	19	..	..	..	..	..	..
Cheviot EWS	75	20.0	9.6	14.8	..	28.2	27	2.8	20	130	13	..	55	6	187
Craigieburn Forest	914	18.9	6.9	12.9	+0.9	25.6	13	1.3	20	128	15	+4	44	15	..
Christchurch Aero	37	19.7	11.0	15.4	-0.4	26.3	13	4.3	20	61	8	+14	28	6	185
Akaroa EWS	45	20.0	11.5	15.8	..	28.4	27	6.9	20	77	6	..	48	6	210
Naseby Forest 2	607	21.0	7.4	14.2	+1.6	27.5	27	0.7	19	16	6	-60	7	29	..
Tapanui	180	..	..	..	..	28.1	12	0.9	..	8	6	-83	2	15	..
Balclutha, Finegand	6	20.3	10.6	15.5	+1.6	29.2	1	3.2	19	9	..	-57	3	15	172
Solomon, Auki	11	32.4	24.0	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.2	23.4	27.3	..	..	..	21.7	11	..	..	..	..	..	..
Late returns and corrections for November 2011															
North Shore, Auckland	20	22.4	10.8	16.6	..	24.5	28	7.0	6	..	..	..	..	..	..
Lincoln Rd, Auckland	25	20.3	10.5	15.4	..	23.6	28	6.6	23	..	..	..	..	..	..
Pakuranga, Auckland R	15	20.6	12.3	16.5	..	23.8	28	6.9	11	..	..	..	..	..	..
Penrose Ews, Auckland	30	19.8	11.5	15.7	..	22.7	28	8.6	6	..	..	..	..	..	..
Akitio EWS	245	16.1	8.9	12.5	..	24.0	27	5.8	6	82	20	..	31	9	219
Balclutha, Finegand	6	16.7	7.4	12.1	+0.1	25.4	30	..	..	84	15	+34	25	20	161
Late returns and corrections for October 2011															
Auckland Aero	33	18.6	12.0	15.3	+0.9	21.9	30	7.9	17	115	16	+31	20	17	..
Akitio EWS	245	14.9	8.4	11.7	..	20.8	30	3.3	9	73	20	..	16	26	166
Wellington Aero	4	15.6	10.4	13.0	+0.1	19.0	31	4.2	10	98	19	+4	33	3	..
Christchurch Aero	37	15.7	6.9	11.3	-0.4	25.7	31	-1.5	9	91	11	+42	31	19	141
Balclutha, Finegand	6	16.2	5.5	10.9	+0.3	25.7	31	..	..	41	..	-27	10	17	161
Raoul Is	38	21.6	16.4	19.0	+1.2	23.4	27	12.6	10	60	12	-26	14	12	185
Late returns and corrections for September 2011															
Akitio EWS	245	12.8	5.9	9.4	..	17.2	10	0.8	14	75	9	..	35	19	233
Raoul Is	38	20.4	14.0	17.2	+0.5	22.6	9	10.5	25	101	14	-9	69	8	171
Late returns and corrections for August 2011															
Dannevirke	207	12.2	4.4	8.3	+0.0	16.5	30	-1.2	16	39	15	-45	10	14	140
Akitio EWS	245	11.0	5.1	8.1	..	17.3	30	-0.8	16	83	17	..	23	16	160
Raoul Is	38	19.8	13.8	16.8	+0.5	22.2	29	9.8	7	178	21	+46	57	2	137
Late returns and corrections for July 2011															
Auckland Aero	33	14.9	8.0	11.5	+0.7	18.3	23	1.5	26	104	21	-33	11	22	..
Akitio EWS	245	10.6	5.0	7.8	..	13.0	7	0.0	25	137	21	..	23	21	147
Wellington Aero	4	12.3	7.2	9.8	+0.3	15.5	9	1.3	26	72	14	-41	25	23	..
Christchurch Aero	37	11.4	0.0	5.7	-0.1	16.2	29	-6.3	26	29	10	-43	10	7	153
Raoul Is	38	20.7	14.2	17.5	+1.1	23.0	4	9.7	28	165	22	+15	44	3	138
Late returns and corrections for June 2011															
Akitio EWS	245	12.5	7.3	9.9	..	19.4	5	2.3	17	114	18	..	31	28	99

*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	mm	mm	mm	Hrs				

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.

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