

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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	22.2	16.2	19.2	-0.5	..	..	..	..	..	..	..	..	..
Kaitaia Aero EWS	80	24.2	15.6	19.9	-0.2	27.4	21	11.9	2	25	7	-96	11	7	
Kaitaia Observatory	85	24.3	15.3	19.8	..	28.3	21	11.7	16	21	10	-72	8	7	
Kaitaia EWS	85	23.9	14.9	19.4	-0.5	28.3	21	6.0	8	19	8	-90	7	7	
Kerikeri EWS	79	24.0	15.1	19.6	-0.1	25.7	18	10.4	15	127	9	+7	39	6	
Kerikeri Aerodrome Aw	150	23.7	14.9	19.3	-0.2	27.1	22	11.8	15	131	10	+14	53	6	
Kaikohe AWS	204	23.5	15.4	19.5	+0.5	26.5	22	11.9	25	92	16	-14	29	6	
Trounson CWS	244	22.2	13.9	18.1	..	26.2	17	9.1	25	11	11	-93	3	19	
Dargaville 2 EWS	66	23.7	15.5	19.6	+0.1	26.8	16	11.8	25	8	8	-82	4	13	
Purerua AWS	82	22.4	15.7	19.1	..	25.4	9	12.4	15	83	9	..	22	7	
Whangarei Aero AWS	37	23.9	16.4	20.2	+0.0	26.5	22	12.2	15	127	9	+29	58	6	
Mokohinau AWS	60	22.6	17.9	20.3	+0.0	..	..	..	..	..	..	..	..	..
Leigh 2	27	25.4	16.7	21.1	+1.0	29.0	3	13.4	15	21	7	-49	8	7	
Warkworth EWS	72	22.9	14.6	18.8	-0.1	25.5	9	8.7	25	51	7	-37	23	7	
Whangaparaoa AWS	89	23.4	16.6	20.0	-0.2	26.5	9	13.9	24	22	10	-35	13	7	
Auckland, Whenuapai A	26	24.3	15.2	19.8	+0.3	..	..	..	..	..	..	..	..	..
North Shore, Auckland	20	23.4	17.1	20.3	-0.1	..	..	..	..	..	..	..	..	..
Auckland, North Shore	64	23.0	15.7	19.4	..	25.2	9	10.3	16	28	5	..	23	7	
Auckland, Henderson N	7	25.6	15.0	20.3	+0.3	28.3	21	9.5	16	20	9	-50	13	7	
Lincoln Rd, Auckland	25	24.1	16.2	20.2	+0.7	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	23.3	16.8	20.1	+0.5	25.8	18	12.7	24	..	..	..	..	..
Waiheke Island, Awaro	34	24.8	14.3	19.6	..	27.5	18	9.5	16	26	3	-49	20	7	
Whitianga Aero AWS	5	23.6	14.8	19.2	-0.1	27.2	9	8.0	2	89	9	-23	68	7	
Thames 2	3	24.9	14.4	19.7	-0.1	..	..	9.2	25	..	..	..	..	..
Paeroa AWS	18	25.2	13.7	19.5	-0.3	28.9	9	5.7	24	10	5	-75	9	7	
Toenepi EWS	48	25.3	13.3	19.3	+0.1	30.2	21	6.8	25	6	2	..	5	7	
Matamata, Hinuera EWS	106	25.6	11.4	18.5	+0.1	28.3	22	2.7	24	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	216
Tauranga Aero AWS	4	24.3	15.9	20.1	+0.3	28.7	9	11.4	3	64	4	-22	53	7	
Te Puke EWS	91	24.0	13.9	19.0	+0.3	26.7	9	8.7	3	100	4	-15	75	7	
Whakatane Aero AWS	7	24.4	13.6	19.0	-0.2	28.4	9	8.0	3	48	4	-35	36	7	
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	264
White Island AWS	310	21.7	15.8	18.8	..	24.7	26	13.9	3	..	..	..	..	..
Mamaku Radar WXT AW	617	19.2	12.1	15.7	..	22.0	22	7.1	24	..	..	..	..	..
Kawerau AWS	42	25.4	13.4	19.4	..	27.6	5	7.4	24	..	..	..	..	221
Rotorua Aero AWS	283	23.1	12.3	17.7	-0.2	25.5	20	6.1	25	18	5	-77	12	7	
Galatea AWS	174	23.8	12.4	18.1	..	28.3	20	5.4	3	22	5	..	14	8	
Taupo WXT AWS	385	23.1	12.8	18.0	..	28.0	20	6.7	24	20	4	..	11	8	
Tarapounamu EWS	701	19.7	10.3	15.0	..	27.0	20	7.0	3	38	7	..	18	8	
Taupo AWS	400	23.6	11.0	17.3	+0.2	28.7	20	2.2	24	20	5	-49	11	7	
Motu EWS	488	22.7	10.5	16.6	+0.8	28.6	19	5.6	15	16	9	-111	8	22	
Auckland, Mangere EWS	5	24.2	16.4	20.3	+0.3	27.0	18	12.6	26	11	5	-61	9	7	
Pakuranga, Auckland R	15	25.7	15.7	20.7	+1.0	28.6	21	11.3	25	..	..	..	..	..
Penrose Ews, Auckland	30	23.6	15.0	19.3	-0.8	26.6	18	11.8	24	..	..	..	..	..
Auckland Aero	7	24.6	16.2	20.4	+0.1	28.0	18	13.0	26	11	6	-60	6	7	
Auckland, Ardmore	23	26.1	12.1	19.1	-0.1	28.1	13	6.5	28	13	4	-61	10	7	
Pukekohe EWS	88	24.8	14.4	19.6	+0.5	28.4	18	9.4	24	21	7	-43	16	7	
Firth Of Thames EWS	1	26.9	12.9	19.9	..	..	..	5.2	24	..	..	..	..	..
Whatawhata 2 EWS	118	25.2	13.0	19.1	+0.4	..	..	8.9	24	22	5	-60	15	7
Hamilton, Ruakura 2 E	45	27.0	12.1	19.6	+0.8	..	..	..	..	15	5	-55	12	7
Hamilton AWS	53	26.0	12.0	19.0	+0.2	29.1	9	4.5	25	12	5	-62	9	7	
Lake Karapiro CWS	55	24.4	14.2	19.3	..	27.6	22	..	..	3	5	..	2	7
Port Taharoa AWS	27	24.3	15.0	19.7	+0.0	29.8	19	9.3	24	..	..	..	..	..
Waikeria 2	46	26.9	11.8	19.4	+0.5	..	..	4.2	24	..	..	..	..	..
Te Kuiti EWS	62	25.4	11.5	18.5	-0.2	29.6	20	6.1	24	11	6	-82	9	7	
Pureora Forest CWS	549	21.2	10.0	15.6	..	25.4	20	0.9	24	11	5	..	6	8	
Taumarunui	171	24.4	11.9	18.2	+0.0	30.6	20	5.4	24	11	6	-85	8	7	
Taumarunui AWS	195	25.7	9.7	17.7	..	33.0	20	1.7	24	9	7	..	3	7	
Turangi 2 EWS	350	23.5	10.4	17.0	-0.2	28.2	20	2.3	25	19	2	-90	17	7	
New Plymouth AWS	30	22.6	13.5	18.1	+0.0	27.3	6	7.7	25	20	6	-76	15	7	
Mt Ruapehu, Chateau E	1097	18.8	7.2	13.0	+0.4	25.2	20	-0.4	24	54	8	-113	23	7	
Pahiatua EWS	110	24.7	11.0	17.9	..	31.1	19	2.6	24	67	8	..	22	13	
Alfredton RAWs	240	23.0	12.2	17.6	..	30.0	19	2.1	24	41	9	..	17	8	

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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		
Masterton Aero AWS	138	24.1	10.7	17.4	..	31.8	21	3.1	24	8	4	..	6	28	..
Masterton, Te Ore Ore	110	25.1	11.3	18.2	..	30.8	21	3.8	24	26	5	-33	10	8	..
Kopua	311	22.4	11.3	16.9	-0.1	29.9	21	5.4	3	40	7	-36	14	7	..
Takapau Plains AWS	330	22.2	10.7	16.5	-0.3	29.0	19	4.8	3	40	14	..	17	7	..
Dannevirke	207	22.8	11.3	17.1	-0.3	..	..	5.0	3	..	..	..	..	..	..
Dannevirke EWS	207	22.6	11.9	17.3	..	29.5	19	5.1	3	34	5	..	15	7	203
Waione RAWs	48	24.1	12.4	18.3	-0.2	30.0	21	4.3	27	68	8	+8	39	8	..
Cape Turnagain AWS	292	18.2	13.7	16.0	..	24.5	22	10.5	24	..	..	..	..	..	..
Akitio EWS	245	22.1	14.0	18.1	..	28.5	21	7.2	24	134	6	..	75	8	230
Castlepoint Station	9	21.6	14.5	18.1	-0.1	26.7	18	9.6	24	113	6	+39	58	8	..
Castlepoint AWS	120	20.7	14.8	17.8	-0.2	25.3	18	10.7	24	104	7	+44	54	8	..
Baring Head	79	19.3	13.8	16.6	..	22.6	26	9.3	24	15	5	..	6	7	..
Te Wharau, Brackenfie	292	22.2	11.1	16.7	..	29.2	21	3.8	24	69	6	..	28	8	..
Martinborough EWS	20	23.9	12.1	18.0	+0.3	32.2	20	4.2	24	14	5	..	7	8	203
Ngawi AWS	6	21.7	14.3	18.0	-0.5	27.2	21	10.3	24	..	..	..	..	..	..
Hicks Bay AWS	46	22.8	16.4	19.6	+0.5	25.4	9	11.6	25	40	7	-81	17	7	..
Gisborne AWS	5	24.4	13.7	19.1	+0.0	30.2	22	7.6	24	30	7	-38	17	8	228
Gisborne EWS	12	25.4	14.0	19.7	..	30.4	22	8.6	24	26	6	..	19	8	..
Tolaga Bay WXT AWS	12	21.8	15.0	18.4	..	28.4	23	9.2	25	19	10	..	6	9	..
Tutira CWS	235	22.0	12.7	17.4	..	27.4	22	8.3	27	71	8	..	22	8	..
Napier Aero AWS	3	23.7	13.7	18.7	+0.0	33.0	22	8.8	27	27	8	-34	11	7	..
Napier Nelson Pk	2	24.1	13.9	19.0	-0.4	..	..	10.1	25	40	6	-14	19	7	229
Hastings AWS	16	23.9	13.6	18.8	..	34.5	22	8.3	27	42	7	..	19	8	..
Whakatu EWS	5	22.5	12.1	17.3	-0.5	31.8	22	7.1	27	32	5	..	13	8	..
Waipawa EWS	130	23.4	11.7	17.6	..	30.9	22	5.6	3	43	6	..	18	8	..
Wairoa, North Clyde E	15	23.6	12.4	18.0	-0.9	30.3	22	8.0	24	58	10	-36	23	9	..
Mahia Radar WXT AWS	419	18.9	13.8	16.4	..	..	..	12.1	6	..	..	..	..	..	..
Mahia AWS	136	21.4	15.1	18.3	+0.0	..	..	11.5	25	57	9	-29	23	8	..
Cape Kidnappers WXT A	118	20.4	16.2	18.3	..	26.8	22	13.6	1	..	..	..	..	..	..
Paraparaumu Aero	5	21.4	12.5	17.0	-0.4	24.1	22	4.0	7	15	5	-51	9	7	227
Paraparaumu Aero AWS	5	21.2	12.7	17.0	-0.4	24.2	22	4.3	7	15	5	-49	9	7	248
Ohakea AWS	50	23.2	13.0	18.1	..	28.9	20	8.9	3	..	..	..	..	..	..
Palmerston North AWS	39	24.4	12.9	18.7	+0.5	31.9	19	7.2	16	22	6	-49	13	7	..
Levin AWS	14	22.7	12.8	17.8	+0.0	27.1	20	5.4	24	18	5	-67	15	7	..
Mana Island	2	21.2	13.5	17.4	-0.5	26.0	18	7.3	24	19	6	-47	10	7	..
Mana Island AWS	100	18.6	13.8	16.2	..	23.4	19	10.1	24	20	5	..	10	7	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	218
Wellington, Kelburn A	125	20.5	13.7	17.1	-0.1	24.9	20	9.3	24	48	6	-23	16	8	..
Wellington Aero	4	20.4	14.2	17.3	-0.7	..	..	..	..	22	5	-39	7	7	..
Wallaceville EWS	56	22.9	11.7	17.3	+0.1	29.2	26	3.2	24	18	6	-58	11	7	192
Stratford EWS	300	21.5	11.6	16.6	+0.3	27.0	21	6.8	25	18	5	-114	13	7	211
Hawera AWS	98	20.8	12.2	16.5	-0.4	25.8	17	8.1	7	16	8	-57	9	7	..
Ohakune EWS	607	22.5	10.1	16.3	+0.9	30.7	20	2.2	25	0	0	-85	0	1	202
Waiouru Treatment Pla	806	21.0	8.5	14.8	+0.5	30.2	20	1.9	25	20	10	-49	6	7	..
Waiouru Airstrip AWS	818	20.5	7.7	14.1	..	29.2	20	0.4	25	18	12	..	5	8	..
Taihape Rec	433	24.2	9.2	16.7	+0.0	33.0	20	3.3	3	11	6	-49	7	7	..
Flat Hills WXT AWS	263	22.2	11.7	17.0	..	29.2	20	5.7	24	24	14	-48	11	7	..
Wanganui, Spriggins Pa	15	22.8	13.9	18.4	+0.0	27.0	22	8.9	24	19	5	-58	16	7	..
Wanganui AWS	8	21.7	13.6	17.7	-0.4	27.0	22	8.1	24	14	4	-40	11	7	..
Wanganui 2 AWS	18	23.2	13.2	18.2	..	27.4	26	7.7	24	..	..	..	..	..	..
Takaka EWS	20	22.9	11.4	17.2	-0.2	29.4	22	6.8	7	47	1	-71	47	7	259
Farewell Spit AWS	3	21.6	14.6	18.1	+0.0	24.4	22	11.0	24	58	5	-11	57	7	..
Westport Aero AWS	2	20.5	13.1	16.8	+0.1	24.6	20	9.8	24	72	13	-56	14	17	..
Arapito EWS	18	21.2	12.3	16.8	..	26.6	19	6.9	24	85	10	..	27	13	..
Hokitika Aero	39	19.3	11.9	15.6	-0.4	23.0	19	6.6	24	130	12	-59	44	17	177
Hokitika AWS	38	19.2	11.9	15.6	-0.4	23.1	19	6.6	24	..	..	..	..	..	212
Reefton EWS	198	24.3	11.8	18.1	+1.1	32.5	20	7.3	26	29	11	-77	7	22	197
Greymouth Aero	4	19.6	12.8	16.2	-0.2	24.8	6	8.6	24	84	11	-77	21	17	170
Greymouth Aero EWS	5	19.1	13.0	16.1	..	24.1	6	8.5	24	101	14	..	25	17	196
Pigeon Creek CWS	105	21.1	11.5	16.3	..	28.5	9	5.3	24	155	13	..	53	17	..
Mt Philistine EWS	1655	10.8	4.3	7.6	..	19.2	20	-2.3	24	189	14	..	49	17	..
Mahanga EWS	1995	11.1	4.2	7.7	..	19.0	20	-3.3	24	70	13	..	13	22	..
Ivory Glacier CWS	1390	12.0	6.5	9.3	..	19.4	20	0.2	24	205	12	..	90	17	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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		Hrs	
Okarito	2	19.2	12.0	15.6	-0.6	23.0	20	5.7	24	155	12	-73	72	17	..
Franz Josef	155	20.0	..	..	..	26.0	9	4.0	22	267	..	-120	..	..	..
Franz Josef EWS	80	20.1	10.6	15.4	-0.1	..	..	4.3	24	179	13	..	60	17	..
Haast AWS	5	17.7	10.7	14.2	-0.7	20.6	20	5.9	24	171	15	..	53	17	..
Milford Sound	3	19.1	11.0	15.1	+0.3	..	..	..	..	288	14	-167	108	21	..
Milford Sound AWS	3	19.7	10.9	15.3	+0.1	27.8	9	5.3	25	284	14	..	105	21	..
Castle Mount EWS	2000	8.9	2.3	5.6	..	16.1	3	-6.8	24	198	15	..	64	21	..
Secretary Island AWS	19	17.8	11.9	14.9	-0.1	25.9	9	7.3	28	275	17	-40	60	21	..
Puysegur Point AWS	44	16.3	11.3	13.8	-0.1	21.5	21	8.0	26	119	17	-60	20	27	..
Motueka, Riwaka EWS	8	23.8	11.9	17.9	+0.3	28.2	17	4.4	24	28	1	-58	28	7	..
Pelorus Sd, Crail Bay	13	22.8	13.8	18.3	+0.3	27.1	19	9.3	24	24	5	-78	21	7	..
Nelson Aero	2	23.0	13.2	18.1	+0.2	27.9	22	6.6	24	30	3	-34	29	7	257
Appleby 2 EWS	18	23.0	10.7	16.9	-0.7	28.0	22	3.9	7	21	1	..	21	7	260
Nelson AWS	4	23.0	13.4	18.2	+0.0	27.0	22	6.1	24	44	5	..	28	7	..
Blenheim Research EWS	4	23.1	12.2	17.7	-0.1	30.0	21	4.8	24	18	2	-28	17	7	241
Wairau Valley, Mill R	172	24.1	11.3	17.7	..	32.6	21	2.4	24	21	2	..	21	7	..
Blenheim Aero AWS	35	24.1	10.7	17.4	-0.3	31.4	21	2.3	24	18	3	-31	16	7	..
Brothers Island AWS	68	18.1	13.7	15.9	-0.7	21.3	14	11.6	24	24	6	..	22	7	..
Grassmere Salt Works	2	..	19.0	..	..	..	..	12.8	7	12	4	-25	8	7	..
Cape Campbell AWS	2	18.1	14.1	16.1	-0.7	..	..	..	..	..	..	..	..	..	..
Boyle River Lodge	600	23.6	9.0	16.3	+1.0	32.9	20	-0.6	11	33	..	-88	11	22	..
Hanmer Forest EWS	363	24.1	7.8	16.0	+0.4	34.3	21	-1.5	24	26	8	-38	9	18	..
Kaikoura AWS	105	19.9	13.0	16.5	+0.0	28.6	18	8.6	24	14	9	-38	3	28	..
Arthurs Pass	738	19.5	8.3	13.9	+0.8	27.7	20	2.5	24	104	10	-163	32	17	..
Arthurs Pass EWS	738	19.7	8.7	14.2	+0.7	28.1	20	2.6	24	96	10	-173	30	17	..
Culverden AWS	181	22.9	10.6	16.8	..	31.2	21	3.6	24	18	10	..	8	18	..
Waipara North Branch	560	21.2	9.2	15.2	..	29.7	21	2.3	24	25	7	..	10	28	..
Waiatu School CWS	136	24.6	10.8	17.7	..	34.4	21	2.4	24	14	6	..	7	28	..
Cheviot EWS	75	23.5	10.5	17.0	..	34.4	4	2.8	24	11	3	..	5	28	213
Upper Rakaia EWS	1752	12.7	5.2	9.0	..	20.7	20	-1.4	23	48	14	..	23	21	..
Mt Potts EWS	2128	11.9	4.3	8.1	..	18.6	20	-3.5	23	43	11	..	22	21	..
Mt Cook EWS	730	22.5	8.1	15.3	+0.7	29.8	20	1.0	24	121	10	-139	49	21	173
Snowdon RAWs	560	22.0	8.9	15.5	+0.0	30.0	20	0.9	24	39	11	..	15	28	..
Methven, Three Spring	305	21.2	10.1	15.7	..	31.0	27	4.9	24	43	13	..	21	12	..
Methven CWS	313	21.5	10.6	16.1	..	29.5	27	4.2	24	56	8	..	24	12	..
Chertsey CWS	108	21.6	11.6	16.6	..	30.6	18	6.3	24	34	6	..	16	28	..
Winchmore EWS	160	22.7	9.6	16.2	+0.0	31.1	18	3.9	24	48	8	-8	19	12	..
Peel Forest	286	21.4	9.8	15.6	+0.4	27.7	20	2.3	24	84	14	-16	29	12	..
Lismore, Racemans Hou	168	21.2	10.8	16.0	..	28.6	21	4.8	24	39	7	..	19	12	..
Ashburton Council	101	23.2	10.5	16.9	+0.1	30.1	27	4.1	24	58	9	+5	22	28	..
Ashburton Aero AWS	89	21.8	11.2	16.5	..	29.5	18	5.2	8	62	9	..	23	28	190
Wakanui CWS	53	21.3	11.6	16.5	..	29.6	18	4.9	24	42	6	..	26	28	..
Waipara West EWS	130	23.4	10.9	17.2	..	33.0	21	4.5	24	9	8	..	5	18	237
West Eyreton, Larunde	88	20.9	11.0	16.0	..	30.6	18	2.6	24	..	..	..	..	..	..
Rangiora EWS	23	21.6	11.3	16.5	+0.1	32.6	18	3.5	24	36	8	..	16	12	207
Darfield 2 RAWs	212	23.4	10.9	17.2	..	33.5	4	4.3	24	34	13	..	12	12	..
Darfield	195	22.6	10.9	16.8	-0.3	32.0	4	4.2	8	36	6	-21	13	28	..
Christchurch Aero	37	22.1	11.8	17.0	+0.2	33.1	18	4.0	24	52	8	+9	29	12	195
Christchurch Gardens	7	22.4	12.6	17.5	+0.4	33.9	18	5.9	24	46	10	+4	14	12	..
Christchurch, Kyle St	6	22.7	12.4	17.6	+0.7	34.4	18	4.9	24	42	9	..	15	12	..
Christchurch, New Bri	12	18.9	14.1	16.5	..	28.9	22	9.3	24	..	..	..	..	..	..
Lincoln, Broadfield E	18	21.8	12.3	17.1	+0.5	32.3	18	4.5	24	54	10	+13	15	28	..
Sugar Loaf AWS	618	19.4	10.2	14.8	..	30.3	18	5.6	24	..	..	..	..	..	..
Lyttelton Harbour	5	19.9	14.1	17.0	-0.3	29.7	18	9.8	24	29	6	..	19	28	..
Leeston RAWs	15	24.0	12.0	18.0	..	34.6	18	4.6	24	37	11	..	17	28	..
Dorie CWS @ Leferinks	55	21.4	12.2	16.8	..	30.0	18	5.8	24	61	11	..	16	28	..
Akaroa EWS	45	22.9	13.0	18.0	+0.9	33.3	18	8.1	24	55	9	+2	23	28	207
Le Bons Bay AWS	236	19.3	11.7	15.5	+0.1	29.1	18	6.5	24	40	9	..	21	23	..
Lake Tekapo, Air Safa	762	21.9	6.9	14.4	-0.4	29.2	4	-0.3	24	14	5	-22	6	28	..
Lake Tekapo EWS	762	22.8	7.7	15.3	+0.5	30.1	20	0.5	24	13	4	..	6	28	250
Fairlie AWS	403	20.6	10.1	15.4	..	28.0	18	2.3	24	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	25.5	7.4	16.5	..	33.3	20	-2.4	24	7	4	..	3	28	..
Hakataramea Valley Cw	355	22.9	9.4	16.2	..	31.6	20	0.2	24	2	3	..	1	28	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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	
Orari Estate	81	22.0	10.9	16.5	+0.6	28.1	18	3.8	24	32	7	-33	19	28	..
Orari Estate CWS	81	20.8	10.9	15.9	..	27.6	24	4.2	24	30	6	..	20	28	..
Timaru Aero AWS	26	21.7	10.5	16.1	+0.6	29.4	22	1.4	24	24	4	-28	14	28	..
Timaru EWS	17	19.8	11.7	15.8	+0.1	27.5	24	7.6	24	39	7	-11	22	28	..
Waimate CWS	39	20.1	11.1	15.6	..	27.8	21	3.7	24	..	..	..	..	..	..
Oamaru Airport AWS	30	19.1	11.2	15.2	+0.3	24.8	24	2.9	24	51	7	+17	30	28	..
Albert Burn	1280	16.1	6.1	11.1	..	23.4	3	-0.9	24	114	9	..	30	21	..
Mt Larkins EWS	1900	9.7	2.7	6.2	..	17.1	3	-6.4	23	36	12	..	10	21	..
Tara Hills AWS	488	24.4	8.8	16.6	+0.6	31.8	20	-0.2	24	8	3	-25	5	28	..
Wanaka Aero AWS	352	24.9	10.9	17.9	+0.9	31.5	20	3.1	24	6	6	-29	3	22	..
Naseby Forest 2	607	22.1	7.2	14.7	+0.8	30.3	20	-0.4	24	45	7	-10	24	28	..
Windsor EWS	81	20.3	9.6	15.0	+0.1	26.4	20	1.5	24	35	7	-15	19	28	..
Ranfurly EWS	450	23.0	7.4	15.2	+0.8	32.4	20	-1.5	24	23	6	-14	10	12	..
Oamaru AWS	40	19.3	10.9	15.1	-0.1	26.3	24	3.0	24	66	15	..	26	28	..
Palmerston	21	19.3	9.2	14.3	-0.4	26.0	24	1.1	24	48	9	-8	19	12	156
Middlemarch EWS	213	21.4	6.8	14.1	-0.8	31.1	20	-1.4	24	32	8	..	15	28	167
Swampy Summit AWS	722	15.4	7.0	11.2	..	26.2	21	2.1	23	..	..	..	..	..	..
Dunedin Aero AWS	1	20.6	8.4	14.5	-0.3	28.3	21	1.1	6	57	10	-6	20	12	..
Dunedin, Musselburgh	4	18.0	11.3	14.7	-0.3	25.0	20	5.5	24	57	10	-11	15	28	190
Murchison Mtns EWS	1140	14.3	6.3	10.3	..	22.2	3	-0.7	23	87	13	..	20	21	..
Takahe Valley CWS	895	15.1	5.0	10.1	..	21.7	19	-1.3	25	66	14	..	18	22	..
Manapouri, West Arm J	178	20.1	10.6	15.4	+1.3	27.4	7	4.4	26	154	12	..	37	27	..
Manapouri Aero AWS	209	21.1	7.9	14.5	+0.2	27.5	19	..	..	..	..	..	..	..	..
Birchwood WXT AWS	147	19.0	9.5	14.3	..	27.4	20	3.6	6	..	..	..	..	..	..
Queenstown	329	24.2	10.6	17.4	+0.7	30.1	20	4.0	24	17	6	-44	6	22	235
Queenstown Aero AWS	354	22.4	9.2	15.8	+0.4	28.6	21	1.7	24	17	6	-31	5	28	144
Lumsden AWS	187	20.8	8.1	14.5	+0.2	29.1	20	1.0	6	..	..	..	..	..	..
Riversdale Aquifer @	125	20.9	8.5	14.7	..	..	..	..	..	24	10	..	6	23	..
Cromwell EWS	213	25.2	10.1	17.7	+0.4	33.1	20	0.7	24	5	5	..	2	12	229
Lauder EWS	375	23.5	8.1	15.8	+0.2	31.6	20	-1.1	24	21	4	-18	15	28	..
Ophir 2	305	24.4	7.0	15.7	..	31.9	20	-2.1	24	17	5	..	11	28	..
Alexandra	150	26.0	9.9	18.0	+0.5	34.9	20	1.1	24	14	7	..	5	12	223
Alexandra CWS	140	24.5	10.5	17.5	..	..	..	..	..	..	..	..	..	..	..
Clyde 2 EWS	170	26.4	10.9	18.7	..	35.7	20	2.3	24	12	7	..	7	12	..
Roxburgh WXT AWS	160	21.6	10.2	15.9	..	32.3	20	3.0	24	19	9	..	12	11	..
Ettrick No.2	91	22.6	8.2	15.4	-0.1	33.1	20	0.0	24	18	7	-40	10	11	..
Tapanui	180	20.2	7.9	14.1	-0.2	29.0	20	1.9	24	64	15	-19	19	13	..
Winton 2	44	20.3	8.8	14.6	+0.3	28.7	20	2.5	6	40	10	-39	14	12	166
Gore AWS	123	19.3	9.1	14.2	+0.1	29.4	20	3.3	6	51	12	-34	12	13	..
Invercargill Aero		18.7	9.3	14.0	+0.1	26.4	20	2.5	24	59	14	-28	16	13	180
Invercargill Aero AWS	1	18.7	9.2	14.0	+0.1	26.4	20	2.2	6	60	15	..	18	13	..
Invercargill Aero 2 E		..	..	..	..	..	..	..	..	60	14	..	18	13	178
Tiwai Point EWS	5	18.1	9.9	14.0	-0.4	23.6	26	5.3	6	40	12	-43	13	22	..
Balclutha, Telford Ew	11	19.0	8.5	13.8	..	26.2	20	0.7	6	67	10	..	20	12	209
Nugget Point AWS	129	16.9	10.7	13.8	-0.1	..	..	5.8	24	..	..	..	..	..	..
Tautuku	25	18.9	9.7	14.3	+0.6	23.5	3	4.0	7	74	10	-24	24	14	..
South West Cape AWS	101	16.0	10.3	13.2	+0.2	21.0	16	6.5	24	76	17	-17	17	27	..
Kiribati,Cassidy Chri	3	30.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	30.8	24.9	27.9	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	30.7	24.6	27.7	..	..	..	..	..	..	..	..	..	..	..
Solomon, Auki	11	..	24.4	..	..	..	..	..	..	527	23	..	109	4	..
Solomon, Honiara	56	..	24.1	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	31.3	23.7	27.5	..	32.8	15	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	24.5	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	31.9	24.4	28.2	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	31.3	22.7	27.0	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Lamap	22	..	24.8	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	31.0	22.5	26.8	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	..	21.7	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	30.9	22.5	26.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	29.0	24.6	26.8	..	..	..	21.8	3	172	8	..	87	4	..
New Cal, Oulop	7	29.8	25.2	27.5	..	31.4	28	..	..	..	..	..	..	..	..
New Cal, Ouanaham	29	30.0	20.8	25.4	..	31.5	22	17.2	19	..	..	..	..	..	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C			mm		mm	mm		Hrs	
New Cal, Poinoimie	13	29.7	24.3	27.0	..	31.7	27	..	..	..	..	..	..	..
New Cal, La Roche	42	29.5	19.9	24.7	..	31.3	7	15.4	13	..	..	..	..	..
New Cal, La Tontouta	14	30.0	20.4	25.2	..	33.4	15	15.6	2	..	..	..	..	..
New Cal, Nouma	72	27.6	24.0	25.8	..	31.4	4	..	..	..	..	..	..	..
New Cal, Moue	97	27.5	22.7	25.1	..	30.7	6	..	..	..	..	..	..	..
Kiribati,Tarawa	2	31.8	25.6	28.7	..	..	..	..	..	..	..	..	..	..
Kiribati,Beru	2	..	26.3	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.1	25.0	28.1	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	31.5	23.6	27.6	..	33.1	9	19.9	1	..	..	..	..	..
Fiji,Nausori Aero	6	31.6	23.4	27.5	..	33.3	18	19.3	1	..	..	..	..	..
Wallis Island, Hihifo	27	30.9	25.2	28.1	..	32.2	22	23.8	10	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.3	..	..	..	..	..	..	..	..	..	..	..	..
Samoa,Faleolo	4	31.4	24.1	27.8	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.7	25.5	28.6	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.3	25.9	28.6	..	33.0	8	24.0	5	294	21	..	85	8	
Tonga, Queen Lavinia	60	31.3	24.9	28.1	..	..	..	23.4	19	..	..	..	..	..
Tonga,Keppel	2	31.6	24.5	28.1	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	30.7	23.5	27.1	..	31.7	19	21.1	11	..	..	..	..	..
Salote Pilolevu Airpo	2	31.3	25.8	28.6	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	30.9	24.4	27.7	..	32.5	20	..	..	..	..	..	..	..
Niue, Hanan Airport O	59	..	23.2	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	30.9	23.6	27.3	..	..	..	20.9	9	..	..	..	..	..
Rarotonga EWS	7	31.0	23.9	27.5	..	34.9	9	21.2	9	66	16	..	20	18	
Vanuatu, Saratamata	18	..	23.4	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	30.4	23.1	26.8	..	32.4	21	22.2	22	106	20	..	32	8	
Tahiti - Faaa	1	30.1	23.9	27.0	..	32.1	25	22.3	8	..	..	..	..	..
Tuamotu, Takaroa	2	28.6	26.7	27.7	..	29.5	13	23.4	9	..	..	..	..	..
Tuamotu, Hao	3	29.9	25.8	27.9	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	28.2	23.0	25.6	..	29.7	22	20.7	4	192	19	..	48	28	
Tubuai	2	29.0	23.7	26.4	..	30.3	15	20.3	4	..	..	..	..	..
Rapa	1	26.6	22.2	24.4	..	28.3	4	19.3	2	132	14	..	37	19	
Pitcairn Is	264	..	20.5	..	..	..	..	18.3	..	..	..	..	..	..
Pitcairn Island AWS	264	26.6	21.5	24.1	..	27.6	18	19.2	9	97	17	..	30	2	
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	185
Raoul Island AWS	49	27.5	21.2	24.4	..	30.2	23	17.7	14	262	14	..	128	16	
Enderby Is AWS	40	12.1	9.0	10.6	..	13.8	15	5.4	23	173	21	..	33	17	
Campbell Island AWS	19	11.4	7.6	9.5	+0.0	15.0	21	1.4	21	151	22	+45	36	21	
Chatham Island EWS	12	20.1	13.8	17.0	..	23.1	21	9.4	25	95	10	..	29	8	
Chatham Island Aero A	12	19.9	13.6	16.8	..	23.0	21	9.3	25	103	11	..	30	8	
Georg Von Neumayer	40	-5.9	-14.2	-10.1	..	-1.9	11	-21.1	24	..	..	..	..	..
Ant South Pole	2827	-41.6	-45.3	-43.5	..	-34.3	4	-53.0	28	..	..	..	..	..
Halley Bay	30	-9.3	-16.6	-13.0	..	-2.8	9	-25.7	23	..	..	..	..	..
Gen Belgrano 2	256	..	-12.9	..	..	..	..	-21.5	24	..	..	..	..	..
Bellingshausen	16	1.0	-1.3	-0.2	..	3.5	2	..	..	..	..	..	..	..
Base Jubany	4	2.3	-1.3	0.5	..	4.7	14	-6.2	10	..	..	..	..	..
Dinamet	10	..	-1.3	..	..	..	..	-5.6	10	..	..	..	..	..
V C Marambio	198	-0.5	-5.8	-3.2	..	12.5	17	-14.5	9	..	..	..	..	..
Eduardo Frei	10	1.3	-1.6	-0.2	..	3.4	2	-6.5	10	90	18	..	30	7	
Arturo Prat		2.4	-1.4	0.5	..	5.7	23	-6.8	10	61	20	..	9	7	
Great Wall	10	2.5	-1.0	0.8	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.3	-2.2	-1.0	..	7.0	25	-7.9	10	..	..	..	..	..
Palmer Station	8	2.8	-0.4	1.2	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	1.0	-1.9	-0.5	..	3.4	16	-6.2	9	..	..	..	..	..
Argentine Is, Faraday	11	1.9	-0.8	0.6	..	4.7	13	-3.1	11	..	..	..	..	..
Gen San Martin	4	2.3	-1.7	0.3	..	7.2	24	-7.4	8	..	..	..	..	..
King Sejong	11	0.1	-0.6	-0.3	..	2.5	17	..	..	..	..	..	..	..
Novolax Arevskaja	99	-0.9	-5.1	-3.0	..	3.2	6	-8.3	1	..	..	..	..	..
Mawson	16	-0.7	-7.7	-4.2	..	1.7	19	-12.9	27	..	..	..	..	..
Davis	13	0.9	-4.6	-1.9	..	4.0	21	-11.9	28	..	..	..	..	..
Progress	64	-0.4	-4.7	-2.6	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-2.2	-7.0	-4.6	..	..	..	-13.3	23	..	..	..	..	..
Vostok	3420	-38.6	-50.6	-44.6	..	..	..	-57.5	28	..	..	..	..	..
Casey	41	-0.5	-4.9	-2.7	..	3.7	20	-14.1	27	..	..	..	..	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference 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		Hrs	
Wilkins Runway East	755	-5.4	-12.1	-8.8	..	0.1	13	..	..	..	..	..	..	..	..
Durmout Durville	43	-1.9	-7.2	-4.6	..	3.1	16	-12.4	27	..	..	..	..	..	..
Mcmurdo	24	-7.0	-11.4	-9.2	..	0.7	13	-18.1	25	..	..	..	..	..	..
Ant Scott Base	22	-8.2	-14.4	-11.3	..	-1.0	12	-23.5	27	..	..	..	..	..	..
Ant Arrival Heights E	218	-9.3	-14.3	-11.8	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base EWS	22	-8.7	-14.1	-11.4	..	-1.2	12	-23.6	27	..	..	..	..	..	..
Casey, Skiway South	392	..	-8.4	..	..	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	31.0	21.1	26.1	..	33.7	22	17.7	14	..	..	..	..	..	..
Hobart Airport	4	28.2	12.8	20.5	..	36.5	9	7.5	28	38	7	..	28	15	..

Late returns and corrections for January 2014

Dargaville 2 EWS	66	22.4	14.5	18.5	-0.6	27.0	7	9.8	19	30	11	-41	12	20	231
North Shore, Auckland	20	22.6	15.6	19.1	-0.9	27.3	4	12.4	19	..	..	..	..	..	..
Lincoln Rd, Auckland	25	22.8	14.6	18.7	-0.9	..	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	22.3	15.7	19.0	-0.1	..	..	..	..	..	..	..	..	..	..
Motu EWS	488	21.9	8.6	15.3	-0.2	27.1	30	0.9	18	119	12	-12	44	26	..
Auckland, Mangere EWS	5	22.7	15.7	19.2	-0.4	27.9	4	11.7	25	42	9	-19	25	26	242
Pakuranga, Auckland R	15	24.2	14.6	19.4	+0.1	..	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	22.4	13.8	18.1	-1.4	26.9	4	10.2	7	..	..	..	..	..	..
Akitio EWS	245	21.7	..	..	..	..	..	..	..	76	9	..	21	21	255
Martinborough EWS	20	22.4	11.5	17.0	-0.9	26.6	25	1.9	28	50	12	..	12	20	221
Palmerston North EWS	21	..	..	..	..	..	..	..	..	52	13	-11	14	4	202
Ohakune EWS	607	20.5	8.9	14.7	-0.7	24.8	25	1.9	28	68	9	-33	23	4	256
Reefton EWS	198	21.0	10.2	15.6	-1.3	27.1	31	4.0	18	134	18	-12	31	2	174
Hanmer Forest EWS	363	22.0	6.7	14.4	-1.6	29.1	29	-1.0	18	90	11	+28	32	8	..
Cheviot EWS	75	22.3	9.6	16.0	..	30.0	19	2.5	28	32	9	..	10	20	244
Waipara West EWS	130	22.7	10.9	16.8	..	30.5	29	4.3	14	20	7	..	10	8	272
Darfield 2 RAWs	212	22.3	9.5	15.9	..	31.0	19	2.9	14	42	18	..	17	26	..
Lake Tekapo EWS	762	20.6	6.7	13.7	-1.4	29.0	15	-1.1	18	52	8	..	26	26	296
Timaru EWS	17	20.2	10.1	15.2	-0.8	26.3	15	5.1	14	26	12	-21	7	20	..
Windsor EWS	81	19.7	8.1	13.9	-1.6	24.4	15	2.8	14	44	7	-7	13	12	..
Middlemarch EWS	213	19.6	6.6	13.1	-2.4	30.3	15	0.9	15	30	6	..	14	12	193
Takahe Valley CWS	895	12.0	2.8	7.4	..	18.4	18	-1.9	18	286	22	..	66	2	..
Cromwell EWS	213	21.9	8.6	15.3	-2.4	28.4	15	3.2	9	35	10	..	14	2	264
Lauder EWS	375	20.5	6.9	13.7	-2.5	28.5	29	-1.4	18	45	8	-13	20	2	..
Pitcairn Is	264	26.6	20.8	23.7	..	..	..	17.5	21	..	..	..	..	..	..
Ant Scott Base EWS	22	-0.3	-6.0	-3.2	..	4.8	3	-11.4	29	..	..	..	..	..	..

Late returns and corrections for December 2013

North Shore, Auckland	20	22.2	15.2	18.7	+0.3	25.5	16	12.6	2	..	..	..	..	..	..
Lincoln Rd, Auckland	25	22.3	13.9	18.1	+0.2	27.3	15	10.7	2	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	21.8	15.5	18.7	+1.2	25.6	16	12.7	2	..	..	..	..	..	..
Pakuranga, Auckland R	15	23.8	14.0	18.9	+1.0	28.1	16	10.6	2	..	..	..	..	..	..
Penrose Ews, Auckland	30	22.1	13.5	17.8	+0.0	25.8	16	11.0	2	..	..	..	..	..	..
Palmerston North EWS	21	..	..	..	..	..	..	..	..	59	15	-31	21	4	178
Darfield 2 RAWs	212	22.4	10.6	16.5	..	29.6	6	3.4	1	129	13	..	37	8	..
Timaru EWS	17	18.7	11.0	14.9	+0.2	25.9	7	4.7	22	53	14	-5	20	21	..
Takahe Valley CWS	895	13.4	3.8	8.6	..	21.8	4	-1.7	22	169	20	..	38	20	..

Late returns and corrections for November 2013

North Shore, Auckland	20	21.2	13.8	17.5	+1.2	..	..	..	..	..	..	..	..	..	..
Lincoln Rd, Auckland	25	21.5	12.5	17.0	+1.0	26.3	23	7.4	15	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	21.0	13.2	17.1	+1.5	..	..	..	..	..	..	..	..	..	..
Pakuranga, Auckland R	15	23.1	13.1	18.1	+2.2	..	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.1	12.0	16.6	+0.7	25.3	23	7.6	4	..	..	..	..	..	..
Darfield 2 RAWs	212	19.2	8.6	13.9	..	27.7	24	1.4	2	44	8	..	14	1	..

Late returns and corrections for October 2013

North Shore, Auckland	20	19.1	11.2	15.2	+0.7	21.8	25	8.3	10	..	..	..	..	..	..
Lincoln Rd, Auckland	25	18.9	10.9	14.9	+0.3	..	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	19.1	11.0	15.1	+1.0	21.9	5	..	..	..	..	..	..	..	..
Pakuranga, Auckland R	15	20.2	10.2	15.2	+1.0	22.9	25	6.2	27	..	..	..	..	..	..
Penrose Ews, Auckland	30	18.6	10.0	14.3	+0.1	22.1	25	6.6	2	..	..	..	..	..	..

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	Hrs	
Takahe Valley CWS	895	9.1	1.4	5.3	..	..	..	..	..	456	26	..	59	13	..
Late returns and corrections for September 2013															
North Shore, Auckland	20	17.1	10.9	14.0	+0.9	23.7	12	5.7	18	..	..	..	..	..	..
Late returns and corrections for August 2013															
North Shore, Auckland	20	15.9	10.0	13.0	+1.0	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for July 2013															
North Shore, Auckland	20	15.2	8.3	11.8	+0.3	17.5	4	3.2	16	..	..	..	..	..	..
Late returns and corrections for June 2013															
North Shore, Auckland	20	15.8	10.3	13.1	+0.5	23.7	7	3.4	29	..	..	..	..	..	..
Late returns and corrections for May 2013															
North Shore, Auckland	20	18.1	11.5	14.8	+0.2	22.4	13	4.5	29	..	..	..	..	..	..
Late returns and corrections for April 2013															
North Shore, Auckland	20	21.2	14.1	17.7	+1.0	23.8	1	9.2	8	..	..	..	..	..	..
Late returns and corrections for March 2013															
North Shore, Auckland	20	23.3	16.5	19.9	+0.9	26.1	11	14.1	26	..	..	..	..	..	..
Late returns and corrections for February 2013															
North Shore, Auckland	20	23.6	16.5	20.1	-0.3	25.7	22	12.3	6	..	..	..	..	..	..
Late returns and corrections for January 2013															
North Shore, Auckland	20	23.3	16.5	19.9	-0.1	27.5	12	12.7	1	..	..	..	..	..	..

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1981-2010.

No normals are available for stations with only short records.

A rain day is a day with rainfall equal to or greater than 0.1 mm.

Where the extremes of temperature and rainfall occurred more than once during the month, the date of the first is given.