

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	16.4	11.2	13.8	-0.7	19.0	17	8.9	10	..	..	..	..	..
Kaitaia Aero EWS	80	18.0	10.7	14.4	-0.1	20.7	28	4.4	8	110	17	+17	42	18	
Kaitaia Observatory	85	17.8	10.3	14.1	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	16.8	9.6	13.2	-1.2	..	..	..	..	119	15	+28	32	18
Kerikeri EWS	79	19.0	9.4	14.2	+0.0	21.0	28	3.2	8	91	13	-40	32	18	
Kerikeri Aerodrome Aw	150	18.4	9.2	13.8	-0.2	..	..	..	..	..	..	..	..	..
Kaikohe AWS	204	17.8	10.5	14.2	+0.7	..	..	..	..	..	..	..	..	..
Dargaville 2 EWS	66	17.0	10.6	13.8	-0.5	21.0	17	5.6	26	80	16	-6	27	28	
Purerua AWS	82	17.5	10.1	13.8	..	19.7	31	..	..	..	..	..	..	..
Whangarei Aero AWS	37	19.1	10.9	15.0	+0.3	22.4	17	5.0	8	86	14	+2	23	18	
Mokohinau AWS	60	17.1	12.6	14.9	+0.0	19.1	28	..	..	..	..	..	..	..
Leigh 2 EWS	27	20.3	11.0	15.7	+1.0	23.8	15	6.8	25	79	16	-4	21	18	
Warkworth EWS	72	17.4	9.6	13.5	+0.0	20.5	15	3.6	26	103	14	-5	23	28	
Whangaparaoa AWS	89	17.8	10.4	14.1	-0.5	20.8	15	..	..	..	..	..	..	..
Auckland, Whenuapai A	26	17.9	10.1	14.0	+0.3	21.8	17	..	..	..	..	..	..	..
North Shore, Auckland	20	17.8	11.5	14.7	+0.2	..	..	..	..	..	..	..	..	..
Auckland, North Shore	64	17.4	10.1	13.8	..	20.4	15	5.1	25	91	16	..	25	18	
Auckland, Henderson N	7	19.3	9.8	14.6	+0.2	22.9	15	2.1	25	128	18	+9	34	18	
Lincoln Rd, Auckland	25	18.1	10.7	14.4	-0.2	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	17.9	11.3	14.6	+0.5	20.7	15	6.5	25	..	..	..	..	..
Waiheke Island, Awaro	34	18.7	9.5	14.1	..	21.2	15	4.0	8	110	11	+13	30	18	
Whitianga Aero AWS	5	18.3	10.2	14.3	+0.4	23.4	15	..	..	..	..	..	..	..
Thames 2	3	18.4	9.8	14.1	-0.1	22.2	15	2.5	25	58	16	-35	24	18	
Paeroa AWS	18	18.2	9.3	13.8	-0.1	22.4	15	..	..	..	..	..	..	..
Holland Road, Hamilto	45	17.7	8.3	13.0	..	22.5	15	2.3	25	58	8	..	23	18	
Toenepi EWS	48	18.2	8.8	13.5	+0.0	22.8	15	2.5	25	44	15	..	13	18	
Matamata, Hinuera EWS	106	18.1	7.2	12.7	+0.1	..	..	..	..	72	14	..	17	18
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	192
Tauranga Aero AWS	4	18.3	10.5	14.4	+0.3	20.8	1	5.3	25	38	11	-51	17	18	
Te Puke EWS	91	19.0	10.1	14.6	+1.3	23.3	15	2.7	5	50	15	-92	16	18	
Whakatane Aero AWS	7	18.5	8.7	13.6	+0.2	22.3	24	1.4	5	43	13	-56	15	18	
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	224
White Island AWS	310	15.4	9.8	12.6	..	19.3	21	..	..	25	8	..	9	18
Mamaku Radar WXT AWS	617	12.9	6.8	9.9	..	18.1	15	..	..	..	..	..	..	..
Kawerau AWS	42	19.9	8.8	14.4	..	25.3	15	..	..	..	..	..	..	187
Rotorua Aero AWS	283	16.4	7.5	12.0	+0.0	20.6	15	-0.7	25	73	14	-37	26	18	
Galatea AWS	174	17.5	6.9	12.2	..	23.8	15	..	..	..	..	..	..	..
Taupo WXT AWS	385	16.5	7.9	12.2	..	24.0	15	..	..	..	..	..	..	..
Taupo AWS	400	16.4	6.3	11.4	+0.3	22.6	15	-2.3	25	63	15	-23	14	18	
Opotiki	5	18.0	8.3	13.2	-0.1	21.1	21	1.0	5	100	12	+2	27	22	
Motu EWS	488	14.7	5.7	10.2	+0.0	23.4	15	-1.3	5	102	16	-105	28	18	
Auckland, Mangere EWS	5	18.3	11.7	15.0	+0.6	20.6	16	6.8	25	69	11	-22	22	18	
Pakuranga, Auckland R	15	19.4	10.6	15.0	+0.8	21.9	28	2.8	25	..	..	..	..	..
Penrose Ews, Auckland	30	18.4	10.3	14.4	+0.2	..	..	..	..	..	..	..	..	..
Auckland Aero	7	18.0	11.3	14.7	+0.2	21.1	17	6.0	25	91	14	-3	36	18	
Auckland, Ardmore	23	18.6	9.5	14.1	+0.6	21.6	15	2.0	25	90	15	-14	25	18	
Pukekohe EWS	88	17.6	9.4	13.5	+0.0	20.0	16	2.8	25	111	17	-9	26	18	
Firth Of Thames EWS	1	18.1	8.4	13.3	..	..	..	..	..	..	..	..	..	..
Hamilton, Ruakura 2 E	45	18.5	8.9	13.7	+0.5	23.7	15	4.2	25	83	13	-8	31	18	
Hamilton AWS	53	17.8	7.9	12.9	-0.1	22.2	15	1.4	25	..	..	..	..	..
Lake Karapiro CWS	55	18.1	9.5	13.8	..	23.0	15	3.6	25	68	15	..	30	18	
Port Taharoa AWS	27	16.8	10.9	13.9	-0.2	20.3	17	..	..	..	..	..	..	..
Waikeria 2	46	18.3	..	..	..	..	..	..	..	56	9	-46	18	18
Te Kuiti EWS	62	16.6	6.6	11.6	-1.4	..	..	..	..	..	..	..	..	170
Pureora Forest CWS	549	14.1	5.7	9.9	..	20.4	15	-2.2	25	132	19	..	23	3	
Taumarunui	171	18.6	8.0	13.3	+0.9	24.0	15	1.0	25	120	..	-29	28	27	
Taumarunui AWS	195	17.6	6.7	12.2	..	23.6	15	..	..	..	..	..	..	167
Turangi 2 EWS	350	15.9	5.3	10.6	-0.7	23.3	15	-1.5	2	113	15	-34	36	27	
New Plymouth AWS	30	16.1	8.6	12.4	-0.3	18.8	1	4.1	25	103	17	-22	19	27	
Mt Ruapehu, Chateau E	1097	11.2	2.0	6.6	+0.2	..	..	..	..	348	21	+68	66	27
Pahiatua EWS	110	15.2	6.6	10.9	..	20.0	16	-1.6	5	88	17	..	21	27	
Alfredton RAWs	240	17.2	7.5	12.4	..	22.3	16	-2.5	5	85	20	..	22	6	
Masterton Aero AWS	138	18.0	5.5	11.8	..	25.2	16	-2.3	5	

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Masterton, Te Ore Ore	110	18.9	7.0	13.0	..	25.8	16	-0.8	5	52	14	-45	17	6	..
Kopua	311	17.5	6.8	12.2	+0.5	22.5	16	-2.5	..	84	..	-6	26	19	..
Takapau Plains AWS	330	16.0	6.2	11.1	-0.3	21.7	16	..	..	..	..	..	..	..	..
Dannevirke	207	17.3	4.5	10.9	-1.1	..	..	-1.0	25	94	13	-7	21	27	..
Dannevirke EWS	207	16.7	7.5	12.1	..	21.7	16	0.7	5	86	16	..	19	27	199
Waione RAWs	48	18.5	8.0	13.3	-0.1	24.6	16	0.3	5	95	13	-24	20	6	..
Cape Turnagain AWS	292	13.6	8.5	11.1	..	17.7	17	..	..	..	..	..	..	..	..
Akitio EWS	245	15.9	7.6	11.8	..	..	..	..	..	73	17	..	18	6	239
Castlepoint Station	9	17.1	8.6	12.9	-0.4	..	..	0.5	6	50	7	-27	12	27	..
Castlepoint AWS	120	15.9	9.4	12.7	-0.3	21.5	16	..	..	..	..	..	..	..	..
Baring Head	79	15.1	9.2	12.2	..	18.7	15	3.5	5	30	10	..	17	26	..
Te Wharau, Brackenfie	292	16.9	6.2	11.6	..	22.6	16	1.0	5	53	12	..	19	6	..
Martinborough EWS	20	17.3	6.1	11.7	-0.4	..	..	..	..	40	11	..	17	6	236
Hicks Bay AWS	46	16.9	10.6	13.8	+0.0	19.2	29	..	..	..	..	..	..	..	..
Gisborne AWS	5	18.7	8.9	13.8	-0.1	22.8	29	3.6	5	42	11	-28	18	27	248
Gisborne EWS	12	20.0	9.2	14.6	..	..	..	..	..	38	10	..	18	27	..
Tolaga Bay WXT AWS	12	17.5	9.4	13.5	..	23.6	29	..	..	38	10	..	11	19	..
Tutira CWS	235	17.7	7.4	12.6	..	23.5	15	1.9	5	73	9	..	36	27	..
Napier Aero AWS	3	19.3	8.3	13.8	+0.2	24.9	14	3.2	2	37	10	-34	13	18	..
Napier Nelson Pk	2	20.0	8.7	14.4	+0.1	25.3	29	3.0	26	39	7	-21	14	18	..
Whakatu EWS	5	17.4	5.3	11.4	-1.3	..	..	..	..	35	8	..	12	18	..
Waipawa EWS	130	18.0	5.9	12.0	..	..	..	..	..	36	9	..	10	27	237
Wairoa, North Clyde E	15	19.3	7.6	13.5	-0.4	..	..	..	..	70	12	-19	30	27	..
Mahia Radar WXT AWS	419	14.4	8.3	11.4	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	16.5	9.7	13.1	-0.2	..	..	..	..	..	..	..	..	..	..
Cape Kidnappers WXT A	118	16.1	10.6	13.4	..	20.6	8	..	..	..	..	..	..	..	..
Paraparamu Aero	5	16.1	8.4	12.3	-0.1	18.8	19	1.2	5	54	13	-54	26	26	206
Paraparamu Aero AWS	5	16.0	8.2	12.1	-0.3	..	..	1.3	5	53	11	-63	27	26	232
Palmerston North AWS	39	17.3	7.9	12.6	+0.2	22.1	28	-0.1	25	..	..	..	..	..	..
Palmerston North EWS	21	17.1	8.4	12.8	+0.3	22.3	28	0.0	5	54	16	-41	9	27	169
Levin AWS	14	16.4	8.1	12.3	-0.2	20.8	28	0.7	25	52	13	-54	23	26	..
Mana Island AWS	100	13.7	9.0	11.4	..	15.9	15	..	..	..	..	..	..	..	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	227
Wellington, Kelburn A	125	16.2	9.1	12.7	+0.7	19.7	15	..	..	..	..	..	..	..	..
Wellington Aero	4	16.3	9.3	12.8	-0.1	20.1	15	3.9	5	45	14	-50	20	26	..
Wallaceville EWS	56	18.3	4.9	11.6	-0.2	..	..	..	..	85	14	-51	35	26	191
Stratford EWS	300	16.1	7.1	11.6	+0.7	20.8	15	3.3	25	121	16	-97	24	17	186
Hawera AWS	98	15.7	8.0	11.9	+0.0	18.9	28	3.3	11	101	18	-9	31	27	..
Waiouru Treatment Pla	806	14.3	3.2	8.8	+0.4	21.8	16	-3.3	25	116	18	+16	32	27	..
Waiouru Airstrip AWS	818	12.9	2.8	7.9	..	19.4	16	-4.8	25	..	..	..	..	..	..
Taihape Rec	433	16.8	4.6	10.7	-0.3	..	..	-2.0	25	132	14	+48	24	18	..
Flat Hills WXT AWS	263	15.8	7.4	11.6	..	20.9	16	..	..	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	17.5	9.3	13.4	+0.1	22.8	28	3.8	25	77	13	-11	23	27	..
Wanganui AWS	8	16.7	9.1	12.9	-0.1	..	..	..	..	..	..	..	..	..	..
Wanganui 2 AWS	18	17.5	8.7	13.1	..	23.2	28	..	..	..	..	..	..	..	..
Takaka EWS	20	18.0	5.9	12.0	-0.2	..	..	..	..	..	..	..	..	..	240
Farewell Spit AWS	3	17.1	10.0	13.6	+0.5	21.9	15	..	..	..	..	..	..	..	..
Westport Aero AWS	2	15.8	8.1	12.0	+0.2	18.9	15	4.5	4	..	..	..	..	..	..
Arapito EWS	18	16.4	7.5	12.0	..	..	..	..	..	221	19	..	63	26	..
Hokitika Aero	39	14.7	7.4	11.1	+0.0	17.9	16	1.7	7	227	21	-48	57	16	171
Hokitika AWS	38	14.5	7.4	11.0	-0.1	17.6	16	1.6	7	..	..	..	..	..	206
Reefton EWS	198	17.0	6.6	11.8	+0.6	22.9	15	1.0	25	152	20	-44	24	5	152
Greymouth Aero	4	15.0	8.0	11.5	-0.1	18.3	16	4.1	7	115	20	-110	23	29	149
Greymouth Aero EWS	5	14.5	7.9	11.2	..	..	..	..	..	189	21	..	32	16	194
Pigeon Creek CWS	105	15.0	7.0	11.0	..	19.2	15	1.7	7	346	21	..	81	5	..
Mt Philistine EWS	1655	3.6	-2.4	0.6	..	10.1	13	-8.5	4	458	25	..	104	5	..
Mahanga EWS	1995	4.5	-2.7	0.9	..	13.1	15	-8.9	4	182	19	..	34	26	..
Ivory Glacier CWS	1390	4.2	-0.2	2.0	..	8.3	1	-5.5	5	689	20	..	174	16	..
Okarito	2	14.6	6.9	10.8	-0.4	17.6	16	1.9	5	217	18	-96	37	2	..
Franz Josef EWS	80	14.5	5.7	10.1	-0.4	18.1	14	0.3	7	345	21	..	82	5	248
Haast AWS	5	13.9	6.4	10.2	-0.1	16.4	15	-0.4	4	242	22	..	38	5	..
Milford Sound	3	14.3	6.4	10.4	+0.3
Milford Sound AWS	3	14.7	6.2	10.5	+0.1	18.1	1	1.3	7	760	27	..	187	5	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Wallis Island, Hihifo	27	30.3	25.1	27.7	..	31.6	13	23.0	29	
Maopoopo, Futuna Isla	36	30.5	25.0	27.8	..	33.9	10	..	..	..	..	..	..	..
Samoa,Faleolo	4	30.7	23.0	26.9	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.5	24.4	28.0	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.0	26.1	28.6	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	30.6	23.5	27.1	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	30.6	24.0	27.3	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	27.8	22.8	25.3	..	29.6	5	18.5	14	..	..	..	..	..
Salote Pilolevu Airpo	2	27.8	22.7	25.3	..	30.5	11	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.3	20.5	23.4	..	28.8	3	16.4	13	..	..	..	..	..
CI Rarotonga Aero	7	26.2	20.8	23.5	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	7	26.1	20.8	23.5	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	28.8	22.6	25.7	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.8	22.6	27.2	..	34.2	29	21.5	11	43	17	..	16	29	
Tahiti - Faaa	1	29.6	23.2	26.4	..	31.2	29	20.6	13	122	15	..	25	19	
Tuamotu, Takaroa	2	28.5	26.3	27.4	..	30.5	28	24.4	3	..	..	..	..	..
Tuamotu, Hao	3	28.1	24.3	26.2	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hereheretue	3	27.2	22.6	24.9	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	24.4	20.3	22.4	..	26.2	19	17.6	3	209	18	..	44	7	
Tubuai	2	25.4	20.2	22.8	..	27.5	19	17.4	4	..	..	..	..	..
Rapa	1	21.7	17.8	19.8	..	24.1	14	14.6	30	205	16	..	49	15	
Pitcairn Is	264	..	17.1	..	..	..	..	10.0	21	..	..	..	..	148
Pitcairn Island AWS	264	2.2	-4.6	-1.2	..	..	..	..	..	..	..	..	..	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	213
Raoul Island AWS	49	21.2	14.8	18.0	..	23.8	29	10.5	27	86	11	..	43	10	
Enderby Is AWS	40	9.4	5.0	7.2	..	11.4	29	1.5	4	..	..	..	..	..
Campbell Island AWS	19	8.5	4.1	6.3	-0.1	11.5	1	-0.8	10	126	28	+9	22	7	
Chatham Island EWS	12	14.8	7.0	10.9	..	17.6	17	0.1	12	46	15	..	11	19	
Chatham Island Aero A	12	14.8	7.0	10.9	..	17.7	17	0.0	12	53	17	..	12	19	
Georg Von Neumayer	40	-16.2	-23.8	-20.0	..	-4.7	31	-32.9	25	..	..	..	..	..
Ant South Pole	2827	-48.2	-54.2	-51.2	..	-32.4	31	-66.3	6	..	..	..	..	..
Halley Bay	30	-16.9	-26.4	-21.7	..	-6.1	31	-35.3	21	..	..	..	..	..
Gen Belgrano 2	256	-11.3	-18.0	-14.7	..	..	..	..	..	..	..	..	..	..
Bellingshausen	16	-1.5	-3.8	-2.7	..	1.0	5	..	..	..	..	..	..	..
Base Jubany	4	0.4	-4.1	-1.9	..	..	..	..	..	..	..	..	..	..
Dinamet	10	-0.6	-4.9	-2.8	..	2.9	5	-20.6	3	..	..	..	..	..
V C Marambio	198	-4.8	-14.7	-9.8	..	..	..	..	..	..	..	..	..	..
Eduardo Frei	10	-1.1	-4.4	-2.8	..	0.7	5	-11.8	14	..	..	..	..	..
Arturo Prat		-0.1	-4.2	-2.2	..	2.9	20	-10.0	14	..	..	..	..	..
Great Wall	10	-0.1	-3.9	-2.0	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-1.9	-6.1	-4.0	..	9.2	30	-14.6	15	..	..	..	..	..
Palmer Station	8	0.4	-6.1	-2.9	..	6.8	20	-14.8	15	..	..	..	..	..
Rothera Point	16	-3.1	-8.4	-5.8	..	3.0	3	-18.3	15	..	..	..	..	..
Argentine Is, Faraday	11	-1.5	-7.5	-4.5	..	3.5	21	-17.0	15	..	..	..	..	..
Gen San Martin	4	-1.4	-11.3	-6.4	..	..	..	..	..	..	..	..	..	..
King Sejong	11	0.6	-3.7	-1.6	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-11.8	-18.1	-15.0	..	-5.5	19	..	..	..	..	..	..	..
Mawson	16	-8.9	-16.8	-12.9	..	0.6	31	-23.7	7	..	..	..	..	..
Davis	13	-6.6	-13.9	-10.3	..	..	..	..	..	..	..	..	..	..
Progress	64	-8.0	-12.3	-10.2	..	3.1	30	-22.2	6	..	..	..	..	..
Mirnyj	30	-10.2	..	..	..	..	..	..	..	..	..	..	..	..
Vostok	3420	-49.3	-59.8	-54.6	..	-35.8	30	-69.4	12	..	..	..	..	..
Casey	41	-7.3	-14.7	-11.0	..	1.5	29	-21.8	12	..	..	..	..	..
Durmont Durville	43	-8.7	-15.8	-12.3	..	-1.3	31	-25.7	9	..	..	..	..	..
Mcmurdo	24	-12.2	-18.0	-15.1	..	-6.3	27	-25.5	16	..	..	..	..	..
Ant Scott Base	22	-12.4	-20.7	-16.6	..	-7.0	25	-27.0	16	..	..	..	..	..
Ant Arrival Heights E	218	-13.2	-20.2	-16.7	..	-5.3	29	-28.0	16	..	..	..	..	..
Ant Scott Base EWS	22	-13.0	-20.6	-16.8	..	-7.6	27	-27.0	14	..	..	..	..	..
Darwin Airport	31	34.3	14.8	24.6	10.5	27	15	4	..	10	14	
Hobart Airport	4	21.4	8.0	14.7	..	24.9	22	3.0	14	32	13	..	12	25	

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Late returns and corrections for September 2014															
North Shore, Auckland	20	16.8	10.6	13.7	+0.6	..	..	..	..	..	..	..	..	..
Lincoln Rd, Auckland	25	16.9	9.8	13.4	+0.4	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	16.8	10.5	13.7	+0.9	..	..	..	..	..	..	..	..	..
Opotiki	5	17.5	7.4	12.5	+0.8	21.5	24	3.2	25	228	10	+125	71	13	
Pakuranga, Auckland R	15	18.4	9.3	13.9	+1.3	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	17.2	8.8	13.0	-0.1	..	..	..	..	..	..	..	..	..
Auckland, Ardmore	23	17.8	7.4	12.6	+0.5	21.3	11	1.6	24	133	17	+24	25	20	
Waikeria 2	46	17.1	..	..	..	..	..	..	..	71	..	-23	16	18
Te Kuiti EWS	62	16.9	6.8	11.9	+0.5	20.8	2	1.4	23	..	..	..	..	..
Wairoa, North Clyde E	15	16.0	7.0	11.5	-0.4	22.4	24	3.2	10	97	16	+9	19	1	
Blenheim Research EWS	4	16.5	7.0	11.8	+0.8	21.9	26	0.3	23	39	10	-16	14	27	
Boyle River Lodge	600	14.4	2.2	8.3	+0.8	22.5	30	-4.0	2	166	..	-17	26	19	
Winchmore EWS	160	15.5	1.2	8.4	-0.8	..	..	..	..	..	..	..	..	..
Ranfurly EWS	450	15.1	0.7	7.9	+0.8	20.4	24	-3.7	1	13	6	-13	4	20	
Tapanui	180	14.7	2.4	8.6	+0.4	23.4	30	-1.1	2	47	13	-17	12	21	
Solomon, Henderson	9	31.9	22.9	27.4	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	27.0	18.5	22.8	..	..	..	..	..	..	..	..	..	..

Late returns and corrections for August 2014														
North Shore, Auckland	20	15.0	9.0	12.0	+0.0	19.6	2	3.8	22	..	..	..	..	..
Lincoln Rd, Auckland	25	15.2	8.4	11.8	-0.2	..	..	..	..	..	..	..	..	..
Musick Pt Ews, Auckla	18	15.3	9.3	12.3	+0.6	18.0	2	5.1	22	..	..	..	..	..
Pakuranga, Auckland R	15	16.5	7.3	11.9	+0.8	19.8	2	1.2	22	..	..	..	..	..
Penrose Ews, Auckland	30	15.1	7.3	11.2	-0.4	19.0	2	..	..	..	..	..	..	..
Waikeria 2	46	14.8	..	..	..	..	..	..	..	83	13	-32	19	2
Te Kuiti EWS	62	14.3	4.0	9.2	-0.4	17.7	2	-0.9	10	..	..	..	..	171
Blenheim Research EWS	4	14.1	3.2	8.7	-0.2	19.5	1	-1.7	22	12	10	-48	4	3
Ranfurly EWS	450	10.9	-0.5	5.2	+0.9	18.4	1	-4.4	4	28	7	+6	16	11

Late returns and corrections for May 2014														
Penrose Ews, Auckland	30	18.4	9.0	13.7	-0.4	..	..	..	..	..	..	..	..	..

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.