

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		
Cape Reinga AWS	214	20.1	14.2	17.2	-0.2	23.5	22	12.6	14	37	13	-39	11	29	..
Kaitaia Aero EWS	80	21.8	13.3	17.6	-0.2	25.1	22	10.3	14	32	10	-67	10	7	..
Kaitaia Observatory	85	22.1	13.1	17.6	..	25.1	21	10.4	14	38	9	-62	11	8	261
Kaitaia EWS	85	21.6	13.2	17.4	-0.4	24.8	21	10.4	14	36	8	-78	12	7	267
Kerikeri EWS	79	23.3	12.1	17.7	-0.1	27.4	19	7.9	1	9	6	-98	4	7	..
Kerikeri Aerodrome Aw	150	23.5	11.9	17.7	+0.1	..	..	..	..	..	..	..	..	..	..
Kaikohe AWS	204	21.3	12.2	16.8	-0.4	24.6	22	..	..	..	..	..	..	..	..
Trounson CWS	244	20.0	11.7	15.9	..	24.9	21	8.0	14	..	..	..	..	..	..
Dargaville 2 EWS	66	21.5	13.4	17.5	-0.2	25.4	22	11.0	6	29	10	-59	13	7	234
Purerua AWS	82	21.6	13.2	17.4	..	..	..	10.4	14	9	4	..	3	10	..
Russell CWS	15	23.0	11.8	17.4	..	25.6	29	7.7	14	23	13	..	11	7	..
Whangarei Aero AWS	37	23.3	14.0	18.7	+0.2	26.4	19	10.7	1	20	11	-77	6	7	..
Whangarei EWS	12	23.3	11.9	17.6	..	26.6	19	8.0	4	22	10	..	7	22	232
Mokohinau AWS	60	21.3	15.5	18.4	+0.1	..	..	13.4	13	19	5	-65	9	10	..
Leigh 2 EWS	27	22.1	13.7	17.9	-0.2	25.2	22	10.4	3	22	7	-54	11	7	..
Warkworth EWS	72	21.2	11.4	16.3	-0.8	24.2	22	7.7	1	30	10	-83	9	10	..
Whangaparaoa AWS	89	21.8	13.7	17.8	-0.1	24.5	19	11.3	11	22	6	-54	8	7	..
Auckland, Whenuapai A	26	21.7	12.3	17.0	-0.4	24.5	6	8.3	1	..	..	..	..	..	..
North Shore, Auckland	20	21.2	14.4	17.8	-0.6	..	..	..	..	..	..	..	..	..	..
Auckland, North Shore	64	21.4	13.2	17.3	..	23.9	5	10.3	20	20	8	..	6	7	245
Auckland, Henderson N	7	23.1	12.4	17.8	-0.4	26.4	6	8.8	1	34	10	-70	7	7	..
Lincoln Rd, Auckland	25	21.1	13.3	17.2	-0.7	..	..	10.2	18	..	..	..	..	..	..
Auckland, Motat EWS	16	21.7	13.0	17.4	..	24.3	6	9.1	1	19	8	..	6	22	239
Waiheke Island, Awaro	34	22.1	13.5	17.8	..	24.6	21	8.5	1	33	8	-71	11	22	..
Whitianga Aero AWS	5	22.2	12.5	17.4	-0.3	25.4	28	8.1	18	26	10	-103	13	7	..
Whitianga EWS	1	23.1	11.7	17.4	..	27.8	28	7.6	21	22	8	..	12	7	..
Thames 2	3	22.9	12.4	17.7	-0.4	25.5	5	..	..	44	..	-37	18	22	..
Paeroa AWS	18	22.7	11.5	17.1	-0.9	25.9	21	7.5	24	68	12	-26	22	22	..
Holland Road, Hamilto	45	21.5	10.5	16.0	..	25.6	9	5.8	20	..	..	..	..	..	..
Toenepi EWS	48	22.0	10.9	16.5	-0.8	26.0	21	5.8	20	..	..	..	..	..	..
Matamata, Hinuera EWS	106	21.6	9.7	15.7	-0.9	24.6	9	4.4	20	..	..	..	..	..	..
Tauranga CWS	3	21.2	13.5	17.4	..	26.3	28	10.1	13	2	3	..	1	19	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	262
Tauranga Aero AWS	4	22.3	13.3	17.8	-0.2	26.7	28	9.9	13	44	7	-51	23	7	..
Te Puke EWS	91	21.9	12.1	17.0	+0.0	25.9	28	6.8	20	58	8	-81	22	22	..
Whakatane Aero AWS	7	22.2	12.3	17.3	-0.2	25.4	16	7.1	30	51	10	-45	21	22	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	287
Kawerau AWS	42	24.4	12.4	18.4	..	29.5	28	7.2	20	..	..	..	..	..	211
Rotorua EWS	288	21.0	10.8	15.9	..	25.1	28	4.9	24	44	9	..	17	22	226
Rotorua Aero AWS	283	20.7	10.8	15.8	-0.4	23.6	28	4.5	20	53	12	-65	20	7	..
Galatea AWS	174	21.4	11.4	16.4	..	27.6	28	5.5	20	117	10	..	41	1	..
Taupo CWS	360	23.2	11.3	17.3	..	27.1	5	5.4	13	44	10	..	20	22	..
Tarapounamu EWS	701	18.0	8.5	13.3	..	..	..	..	..	..	..	..	..	..	..
Taupo AWS	400	21.1	10.5	15.8	+0.3	24.5	9	2.4	13	59	8	-35	26	22	..
Motu EWS	488	19.7	6.9	13.3	-1.0	23.6	28	0.7	24	107	16	-78	28	22	..
Auckland, Mangere EWS	5	21.7	14.3	18.0	-0.2	24.9	6	10.9	18	33	8	-53	11	22	223
Pakuranga, Auckland R	15	21.5	13.9	17.7	-0.2	24.7	5	9.5	1	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.1	14.9	18.0	+0.2	23.9	5	11.9	11	..	..	..	..	..	..
Auckland Aero	7	21.8	14.1	18.0	-0.3	26.1	22	..	..	33	9	-54	10	22	..
Auckland Aero Backup	7	21.6	14.2	17.9	..	..	..	10.7	1	37	10	..	11	10	..
Ardmore Aero AWS	41	22.2	12.7	17.5	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	21.0	12.0	16.5	-0.6	24.9	9	8.3	20	48	10	-50	15	22	..
Firth Of Thames EWS	1	21.7	10.4	16.1	..	24.4	28	5.5	30	46	8	..	19	22	..
Whatawhata 2 EWS	118	21.9	12.3	17.1	+0.3	28.1	21	8.9	30	78	13	-45	14	22	..
Hamilton, Ruakura 2 E	45	21.8	11.3	16.6	-0.4	25.8	9	6.5	20	45	12	-53	10	22	205
Hamilton AWS	53	21.7	10.5	16.1	-0.8	25.9	9	5.6	20	48	11	-57	17	22	..
Lake Karapiro CWS	55	22.3	13.1	17.7	..	26.9	9	9.2	13	47	15	..	20	22	..
Port Taharoa AWS	27	18.9	13.8	16.4	-1.3	..	..	..	..	..	..	..	..	..	..
Waikeria EWS	37	22.2	10.3	16.3	..	25.8	9	4.7	20	65	12	..	14	7	233
Te Kuiti EWS	62	20.9	9.8	15.4	-1.5	..	..	..	..	..	..	..	..	..	..
Pureora Forest CWS	549	18.3	8.6	13.5	..	23.0	9	2.3	13	80	15	..	38	22	..
Taumarunui EWS	170	21.8	10.0	15.9	..	26.5	9	5.4	20	60	13	..	16	22	..
Taumarunui AWS	195	22.2	9.9	16.1	..	27.3	9	..	..	53	16	..	15	22	221

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		
Turangi 2 EWS	350	20.6	8.8	14.7	-0.9	24.4	28	1.8	17	52	9	-85	18	22	235
New Plymouth AWS	30	18.8	11.6	15.2	-1.0	20.6	9	6.7	21	50	14	-71	16	22	275
Lower Retaruke CWS	233	21.4	9.9	15.7	..	26.5	9	4.4	13	64	15	-85	15	22	..
Mt Ruapehu, Chateau E	1097	15.7	4.8	10.3	-0.3	20.3	28	-0.9	13	140	16	-128	23	15	..
Pahiatua EWS	110	20.3	10.7	15.5	..	26.4	9	4.2	30	55	15	..	20	15	..
Alfredton RAWs	240	20.7	10.5	15.6	..	25.7	9	3.9	30	49	13	..	16	15	..
Masterton Aero AWS	138	22.0	9.0	15.5	..	26.8	17	2.7	20	39	14	..	10	12	..
Masterton EWS	90	21.5	8.8	15.2	..	26.8	17	3.3	3	27	10	..	7	12	240
Masterton, Te Ore Ore	110	23.1	10.1	16.6	..	27.9	14	3.8	30	42	12	-27	11	12	..
Kopua	311	21.2	10.0	15.6	+0.0	27.3	22	4.4	3	33	11	-43	9	12	..
Takapau Plains AWS	330	20.7	9.6	15.2	-0.2	27.5	22	3.8	3	43	15	..	8	12	..
Dannevirke EWS	207	20.9	11.0	16.0	..	26.5	22	5.2	30	28	11	..	8	12	232
Waione RAWs	48	22.8	11.7	17.3	+0.0	28.7	22	5.7	30	34	10	-45	7	11	..
Cape Turnagain AWS	292	16.8	11.7	14.3	..	22.2	22	8.5	13	50	14	..	13	12	..
Akitio EWS	245	19.4	10.7	15.1	..	..	..	5.7	30	38	13	..	10	22	..
Castlepoint Station	10	20.4	12.0	16.2	-0.6	..	..	7.0	31	40	11	-19	13	12	..
Castlepoint AWS	120	19.5	12.4	16.0	-0.4	26.5	22	9.0	13	28	13	-28	6	12	..
Baring Head	79	17.8	11.8	14.8	..	22.7	9	8.2	3	59	10	..	32	22	..
Te Wharau, Brackenfie	292	20.0	9.2	14.6	..	23.8	17	4.0	3	61	12	..	12	12	..
Martinborough EWS	20	20.6	10.1	15.4	-1.0	26.2	17	3.3	30	37	12	..	13	10	213
Ngawi AWS	6	20.2	13.2	16.7	-0.6	25.8	17	8.3	3	49	13	..	17	22	..
Hicks Bay AWS	46	21.3	..	..	..	..	..	..	..	..	..	..	..	..	..
Gisborne AWS	5	23.3	12.4	17.9	-0.2	..	..	..	..	..	..	..	..	..	..
Gisborne EWS	12	24.3	12.8	18.6	..	29.5	10	8.3	25	29	14	..	8	23	..
Tolaga Bay WXT AWS	12	20.8	12.9	16.9	..	27.9	18	7.4	25	4	9	..	2	29	..
Tutira CWS	235	21.6	11.2	16.4	..	26.4	21	6.0	25	38	12	..	17	2	..
Napier Aero AWS	3	23.8	12.1	18.0	+0.3	31.2	27	7.5	25	24	13	-35	10	22	..
Napier EWS	7	23.7	13.1	18.4	..	31.3	27	8.9	31	31	14	..	13	22	279
Fernhill, Substation	30	23.8	11.2	17.5	..	31.0	22	5.1	20	23	10	..	10	22	..
Maraekakaho CWS	150	23.3	9.7	16.5	..	30.1	22	3.2	20	32	10	..	16	22	..
Hastings AWS	16	24.0	12.2	18.1	..	31.4	22	6.7	20	26	9	..	12	22	..
Whakatu EWS	5	22.4	10.1	16.3	-0.4	28.7	27	4.3	20	15	9	..	8	22	..
Ashcott Road CWS	212	22.6	10.0	16.3	..	28.7	22	4.6	25	27	10	..	7	12	..
Waipawa EWS	130	23.3	9.9	16.6	..	30.0	22	4.8	25	21	11	..	6	22	240
Wairoa, North Clyde E	15	24.3	12.9	18.6	+0.5	30.4	21	8.0	20	37	13	-32	13	22	..
Wairoa Aero AWS	13	22.8	11.9	17.4	..	29.0	21	6.6	20	..	..	..	..	..	..
Mahia Radar WXT AWS	419	18.4	12.0	15.2	..	23.3	27	..	..	..	..	..	..	..	..
Mahia AWS	136	20.0	13.4	16.7	-0.2	26.9	27	10.0	13	30	13	-39	10	23	..
Cape Kidnappers WXT A	118	19.1	14.2	16.7	..	25.3	27	9.9	13	..	..	..	..	..	..
Paraparaumu Aero	5	19.4	12.4	15.9	-0.1	22.7	9	5.6	3	73	18	-19	17	22	215
Paraparaumu Aero AWS	5	19.3	12.3	15.8	-0.2	..	..	5.7	3	62	17	-23	16	22	..
Paraparaumu EWS	5	19.4	12.2	15.8	..	22.6	22	5.6	3	64	16	-14	17	22	185
Ohakea AWS	50	20.1	11.8	16.0	..	25.8	22	5.8	13	..	..	..	..	..	..
Palmerston North AWS	39	21.0	11.0	16.0	-0.4	26.4	9	4.0	13	58	15	-38	14	29	..
Levin AWS	14	19.8	11.6	15.7	-0.4	24.1	9	5.4	3	91	14	-11	21	18	..
Levin EWS	23	19.7	11.1	15.4	..	24.4	9	4.9	13	..	..	..	..	..	236
Mana Island AWS	100	16.7	12.4	14.6	..	20.0	9	9.2	13	..	..	..	..	..	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	196
Wellington, Kelburn A	125	18.4	11.8	15.1	-0.3	23.3	9	7.3	3	81	13	-2	29	22	..
Wellington Aero	4	19.1	13.1	16.1	-0.4	24.1	9	8.1	3	75	13	+10	29	22	..
Wellington, Greta Poi	3	20.4	13.2	16.8	..	25.6	9	8.7	3	73	12	..	30	22	..
Wellington Aero Backu	4	19.2	13.0	16.1	..	24.4	9	8.0	3	68	14	..	26	22	..
Upper Hutt, Trentham	50	19.4	10.4	14.9	..	24.8	9	4.2	3	75	13	..	20	10	222
Stratford EWS	300	18.3	9.4	13.9	-0.5	22.1	9	6.2	13	81	12	-84	19	22	226
Hawera AWS	98	18.6	11.1	14.9	-0.4	22.6	22	5.0	30	61	14	-31	17	22	..
Ohakune EWS	607	19.2	8.4	13.8	-0.2	24.6	9	3.0	31	72	15	-50	14	10	254
Waiouru Treatment Pla	806	18.3	7.2	12.8	+0.2	23.0	9	2.2	30	58	15	-32	11	11	..
Waiouru Airstrip AWS	818	17.3	6.8	12.1	..	22.0	22	1.1	13	60	14	..	12	11	..
Taihape Rec	433	21.8	8.2	15.0	-0.3	27.5	9	4.0	31	34	..	-52	7	22	..
Flat Hills WXT AWS	263	19.5	10.8	15.2	..	24.4	22	5.2	13	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	20.7	12.6	16.7	-0.2	27.6	22	7.8	3	52	13	-34	16	23	..
Wanganui AWS	8	20.1	12.3	16.2	-0.4	27.8	22	5.8	3	55	13	-37	14	23	..
Wanganui 2 AWS	18	20.7	12.1	16.4	..	27.0	22	7.3	3	..	..	..	..	..	..

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	
Takaka EWS	20	19.4	9.1	14.3	-1.7	24.5	14	4.8	21	231	12	+63	152	7	246
Farewell Spit AWS	3	20.0	12.5	16.3	+0.0	22.2	24	9.6	21	82	14	-7	26	22	..
Westport Aero AWS	2	17.6	10.6	14.1	-0.9	22.3	8	6.4	1	268	15	+78	58	31	..
Westport EWS	6	17.5	10.7	14.1	..	22.0	8	6.4	1	274	15	..	63	31	230
Arapito AWS	18	18.9	10.8	14.9	..	22.9	14	6.0	20	303	13	..	65	7	171
Hokitika Aero	39	17.4	10.0	13.7	-0.7	23.0	8	5.9	20	341	18	+44	75	31	191
Hokitika AWS	38	17.2	9.9	13.6	-0.8	23.1	8	5.8	20	359	18	+58	78	31	233
Hokitika EWS	39	17.2	9.5	13.4	..	22.7	8	5.4	20	332	17	..	75	31	..
Reefton EWS	198	20.3	9.3	14.8	-0.6	25.7	9	4.8	24	124	15	-65	26	14	184
Greymouth Aero EWS	5	17.1	10.2	13.7	..	25.5	8	5.7	1	253	20	..	50	14	210
Pigeon Creek CWS	105	18.2	9.8	14.0	..	23.5	8	4.6	1	498	16	..	110	31	..
Mt Philistine EWS	1655	5.8	0.1	3.0	..	13.5	17	-2.8	16	167	22	..	32	31	..
Mahanga EWS	1995	7.3	-0.4	3.5	..	13.9	17	-5.0	16	293	18	..	59	31	..
Okarito	2	17.0	10.0	13.5	-0.9	22.5	8	4.6	20	533	..	+187	93	31	..
Franz Josef EWS	80	18.0	9.0	13.5	-0.3	25.8	8	4.3	20	625	18	..	111	31	182
Haast AWS	5	16.2	8.8	12.5	-0.9	19.0	9	5.4	1	417	20	..	72	7	..
Milford Sound	3	17.2	8.9	13.1	-0.3	..	..	..	..	635	21	-65	105	21	..
Milford Sound AWS	3	17.6	9.1	13.4	-0.4	23.7	8	4.8	1	682	23	..	115	21	..
Castle Mount EWS	2000	5.5	-2.4	1.6	..	10.3	26	-6.3	16	526	25	..	111	14	..
Secretary Island AWS	19	15.7	9.4	12.6	-0.7	21.9	8	6.2	1	162	23	-230	26	21	..
Puysegur Point AWS	44	16.0	9.7	12.9	+0.4	22.9	14	5.5	1	..	..	..	..	..	..
Motueka, Riwaka EWS	8	22.4	10.6	16.5	+0.2	26.9	14	4.9	13	72	10	-32	22	7	..
Pelorus Sd, Crail Bay	13	20.1	11.8	16.0	-0.4	22.8	9	7.6	13	115	14	-44	33	31	..
Nelson Aero	2	20.6	11.8	16.2	-0.1	24.5	27	6.6	13	66	10	-18	31	7	251
Appleby 2 EWS	18	19.9	9.5	14.7	-1.3	24.7	14	2.8	13	61	12	..	29	22	270
Richmond EWS	1	20.8	11.1	16.0	..	26.1	14	5.8	13	68	10	..	30	22	289
Nelson AWS	4	20.3	12.1	16.2	-0.4	..	..	6.4	24	72	11	..	31	22	..
Blenheim Research EWS	4	21.7	11.6	16.7	+0.0	26.8	27	5.6	13	20	7	-35	7	25	253
Wairau Valley, Mill R	172	21.6	10.5	16.1	..	28.2	17	4.0	13	44	12	..	28	22	..
Blenheim Aero AWS	35	22.1	9.9	16.0	-0.6	..	..	2.6	13	..	..	..	..	..	..
Brothers Island AWS	68	17.4	12.9	15.2	-0.1	20.5	20	10.6	13	41	11	..	12	8	..
Grassmere Salt Works	2	20.3	10.7	15.5	-1.5	27.1	27	3.0	29	21	12	-22	5	22	..
Cape Campbell AWS	2	17.3	12.9	15.1	-0.3	23.7	15	9.6	13	31	9	-12	11	2	..
Hamner Forest EWS	363	21.3	6.2	13.8	-0.6	28.8	21	-1.2	20	27	10	-47	8	8	..
Kaikoura, Middle Cree	5	19.7	9.2	14.5	..	30.0	21	4.3	30	91	12	..	21	1	..
Kaikoura AWS	105	18.9	11.5	15.2	-0.2	..	..	8.4	1	59	11	+12	15	28	..
Arthurs Pass	738	15.3	6.3	10.8	-0.6	20.7	17	2.3	13	453	..	-55	..	..	..
Arthurs Pass EWS	738	15.1	6.5	10.8	-0.7	20.4	9	2.1	13	425	20	-183	85	21	..
Arthurs Pass AWS	743	14.6	6.4	10.5	..	19.6	9	2.1	13	512	20	..	100	21	..
Culverden AWS	181	20.3	9.8	15.1	..	26.9	21	4.3	30	11	12	..	2	8	..
Medbury CWS	232	20.0	9.2	14.6	..	26.4	17	3.0	30	60	11	..	48	22	..
Waipara North Branch	560	17.7	8.0	12.9	..	24.9	17	1.1	13	47	14	..	20	22	..
Waiau School CWS	136	21.9	9.4	15.7	..	30.1	21	3.3	30	17	13	..	5	23	..
Cheviot EWS	75	21.3	9.3	15.3	..	30.9	21	2.9	30	33	9	..	10	22	197
Upper Rakaia EWS	1752	8.5	0.7	4.6	..	15.0	17	-3.9	16	239	21	..	47	14	..
Mt Potts EWS	2128	8.4	-0.4	4.0	..	15.6	9	-5.8	16	257	22	..	63	21	..
Mt Cook EWS	730	18.7	6.0	12.4	-0.3	24.6	30	0.8	13	435	17	-62	112	14	173
Mueller Hut EWS	1818	8.6	0.8	4.7	..	15.9	30	-4.6	16	709	19	..	145	14	..
Mt Cook Aero AWS	659	19.2	6.9	13.1	..	24.8	17	-0.2	20	199	14	..	60	14	..
Snowdon RAWs	560	18.7	8.1	13.4	-0.6	23.8	9	3.0	30	52	12	..	10	10	..
Methven, Three Spring	305	19.3	8.3	13.8	..	27.5	27	4.0	30	105	14	..	37	10	..
Methven CWS	313	19.4	8.8	14.1	..	28.7	27	4.1	16	92	14	..	35	10	..
Chertsey CWS	108	19.5	9.4	14.5	..	28.2	27	3.7	16	46	10	..	18	10	..
Winchmore EWS	160	20.5	7.9	14.2	-0.7	29.7	27	2.8	30	43	11	-20	16	10	..
Peel Forest	286	19.7	8.2	14.0	+0.1	30.0	27	2.5	16	103	15	-18	21	10	..
Lismore, Racemans Hou	168	19.5	9.2	14.4	..	28.0	27	3.8	20	45	11	..	14	10	..
Ashburton Council	101	21.5	9.6	15.6	-0.1	30.5	21	3.5	13	46	..	-11	19	10	..
Ashburton Aero AWS	89	20.1	8.9	14.5	..	29.3	21	3.3	16	62	11	..	22	10	211
Wakanui 2 CWS	53	19.9	9.2	14.6	..	28.1	21	2.7	16	58	11	..	19	10	..
Waipara West EWS	130	20.7	10.5	15.6	..	26.9	21	6.1	20	71	10	..	18	22	236
West Eyreton, Larunde	88	19.6	9.5	14.6	..	28.8	21	3.9	30	..	..	..	..	..	..
Rangiora EWS	23	21.7	11.1	16.4	+1.0	31.6	21	4.8	16	62	12	..	19	10	221
Eyrewell, Ngai Tahu W	210	19.1	8.9	14.0	..	26.3	27	4.5	13	45	13	..	19	10	..

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	
Eyrewell, Ngai Tahu E	72	19.4	9.5	14.5	..	28.4	21	3.6	30	111	23	..	19	10	..
Christchurch Aero	37	20.8	10.4	15.6	-0.2	30.7	21	4.2	30	56	11	+9	24	10	190
Christchurch Aero Bac	37	20.7	10.3	15.5	..	30.6	21	4.4	30	52	10	..	23	10	..
Christchurch Gardens	7	21.0	10.9	16.0	-0.1	31.2	21	5.5	16	43	10	-7	17	10	..
Christchurch, Kyle St	6	22.9	11.4	17.2	+1.1	33.2	21	5.1	16	42	9	..	20	10	..
Lincoln, Broadfield E	18	20.9	10.6	15.8	+0.4	30.8	21	3.9	30	49	10	-4	29	10	..
Sugar Loaf AWS	496	17.4	8.8	13.1	..	27.2	21	4.1	12	..	..	..	..	..	..
Diamond Harbour EWS	122	19.5	10.7	15.1	..	28.4	21	6.3	16	24	9	..	10	11	214
Leeston RAWs	15	22.1	10.3	16.2	..	31.3	21	3.7	30	51	9	..	24	10	..
Dorie CWS @ Leferinks	55	19.7	9.7	14.7	..	28.1	21	4.2	30	80	15	..	22	10	..
Akaroa EWS	45	20.8	11.5	16.2	+0.2	29.2	21	7.5	12	53	9	-10	25	10	211
Le Bons Bay AWS	236	17.6	10.2	13.9	+0.2	24.5	6	6.0	12	27	8	..	9	10	..
Lake Tekapo, Air Safa	762	19.7	6.4	13.1	-0.1	26.3	17	1.0	20	21	9	-31	8	21	..
Lake Tekapo EWS	762	20.0	6.4	13.2	+0.1	26.8	17	0.2	20	17	8	..	7	21	288
Fairlie AWS	403	18.5	8.7	13.6	..	26.9	18	4.1	13	35	18	..	9	11	..
Pukaki Aerodrome AWS	473	22.9	7.0	15.0	..	28.6	17	-1.1	20	33	11	..	9	11	..
Hakataramea Valley Cw	355	21.0	8.1	14.6	..	28.3	18	1.8	13	22	9	..	9	7	..
Orari Estate	81	20.7	9.0	14.9	+0.1	30.5	27	3.4	16	51	13	-12	16	11	..
Orari Estate CWS	81	20.0	9.0	14.5	..	30.3	27	3.3	16	48	12	..	15	11	..
Timaru Aero AWS	26	19.9	8.8	14.4	+0.0	30.0	27	3.3	16	51	12	-1	14	28	..
Timaru EWS	17	18.7	10.1	14.4	-0.3	28.6	27	6.5	16	47	13	-11	15	10	194
Waimate CWS	39	19.6	10.0	14.8	..	29.2	27	4.7	13	39	12	..	8	7	..
Oamaru Airport AWS	30	18.4	9.5	14.0	+0.1	27.8	27	3.2	13	36	13	-20	9	7	..
Albert Burn	1280	12.9	3.3	8.1	..	18.3	26	-1.1	16	258	20	..	62	21	..
Mt Larkins EWS	1900	6.5	-1.5	2.5	..	11.7	30	-6.3	16	156	19	..	43	21	..
Eglinton, Knobs Flat	365	18.3	6.8	12.6	..	23.1	26	2.0	13	172	18	..	43	21	..
Tara Hills AWS	488	21.7	7.9	14.8	+0.4	28.1	17	1.6	13	36	8	-26	14	21	..
Wanaka CWS	331	21.0	9.2	15.1	..	24.9	27	4.1	13	52	7	..	31	21	..
Wanaka Aero AWS	352	21.9	9.2	15.6	+0.3	26.0	17	2.7	13	44	9	-22	21	21	..
Naseby Forest 2	607	19.9	6.1	13.0	+0.3	25.0	31	0.3	13	38	9	-44	15	7	..
Windsor EWS	81	19.5	8.4	14.0	-0.2	27.4	27	2.5	13	38	13	-34	11	7	..
Ranfurly EWS	450	20.4	6.8	13.6	+0.2	27.2	9	0.8	20	33	10	-29	15	7	..
Oamaru AWS	40	18.6	9.1	13.9	+0.0	27.6	27	3.6	13	35	15	..	9	7	..
Palmerston	21	19.3	8.0	13.7	+0.0	25.1	27	3.1	20	35	14	-28	8	6	159
Middlemarch EWS	213	20.8	6.1	13.5	-0.7	..	..	..	..	27	10	..	10	7	187
Swampy Summit AWS	722	14.7	5.2	10.0	..	21.9	18	1.2	1	..	..	..	..	..	..
Dunedin Aero AWS	1	20.2	8.1	14.2	+0.3	28.0	18	2.6	2	38	10	-34	11	10	..
Dunedin, Musselburgh	4	18.1	10.1	14.1	+0.3	23.7	27	6.1	2	37	14	-43	8	3	243
Oamaru EWS	20	18.3	9.3	13.8	..	28.3	27	3.5	13	31	13	..	8	7	225
Te Anau At Park HQ Cw	204	18.4	7.9	13.2	..	24.0	9	3.7	30	..	..	..	..	..	..
Manapouri, West Arm J	178	17.5	7.8	12.7	+0.0	22.9	5	4.8	4	741	23	..	140	21	..
Manapouri Aero AWS	209	18.7	6.9	12.8	-0.2	24.4	9	1.0	30	58	13	-47	20	21	..
Birchwood WXT AWS	147	18.1	8.1	13.1	..	25.6	9	4.0	4	46	15	..	12	21	..
Queenstown	322	21.0	9.0	15.0	-0.2	25.6	9	4.7	16	53	10	-32	21	21	200
Queenstown EWS	322	20.8	8.7	14.8	..	25.4	9	4.5	13	49	11	..	20	21	..
Queenstown Aero AWS	354	19.9	7.7	13.8	-0.3	25.3	18	1.7	13	44	10	-32	15	21	267
Five Rivers CWS	260	19.4	7.4	13.4	..	26.8	9	2.1	13	50	12	..	10	14	..
Lumsden AWS	187	19.7	7.6	13.7	+0.4	25.7	9	1.4	28	57	15	..	19	7	..
Waipounamu CWS	152	20.7	8.8	14.8	..	27.4	9	4.1	30	24	14	..	6	11	..
Riversdale Aquifer @	125	19.8	8.1	14.0	..	27.8	9	2.9	5	28	21	..	7	11	..
Cromwell EWS	213	23.9	9.4	16.7	+0.6	28.9	18	2.3	13	27	6	..	13	21	289
Lauder EWS	375	22.7	8.6	15.7	+1.2	27.4	17	2.5	13	37	10	-24	19	7	..
Ophir 2	305	21.7	6.7	14.2	..	26.0	9	0.3	24	35	6	..	14	7	..
Alexandra	150	23.9	9.2	16.6	+0.2	29.5	9	3.0	13	22	10	..	9	6	270
Clyde 2 EWS	170	23.1	8.0	15.6	..	28.3	18	1.4	13	21	5	..	8	6	..
Alexandra AWS	230	22.4	8.6	15.5	..	28.2	18	2.3	13	21	6	..	8	6	..
Roxburgh WXT AWS	160	20.7	8.9	14.8	..	27.1	9	3.9	20	21	11	..	8	6	..
Ettrick No.2	91	21.7	7.1	14.4	-0.2	27.8	11	2.2	20	18	5	-48	8	11	..
Waitutu CWS	30	18.4	7.5	13.0	..	28.1	14	1.9	1	154	17	..	28	21	..
Winton 2	44	19.8	7.8	13.8	+0.3	28.5	9	3.0	1	60	20	-31	12	11	162
Gore AWS	123	18.6	8.2	13.4	+0.3	28.7	9	3.7	5	39	19	-61	13	22	..
Invercargill Aero	1	18.2	8.6	13.4	+0.4	27.2	9	2.8	30	66	19	-39	20	15	210
Invercargill Aero AWS	1	18.1	8.8	13.5	+0.5	27.3	9	3.6	1	64	18	..	19	15	..

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	
Invercargill Aero 2 E		18.4	8.0	13.2	..	27.6	9	2.1	30	72	19	..	21	15	220
Tiwai Point EWS	5	17.6	9.5	13.6	+0.3	28.1	9	5.9	1	67	15	-28	11	15	..
Balclutha, Finegand	6	19.9	9.3	14.6	+0.7	26.9	14	4.8	30	17	..	-53	4	15	..
Balclutha, Telford Ew	11	18.9	8.1	13.5	..	26.0	14	2.2	30	19	14	..	4	15	185
Nugget Point AWS	129	16.2	8.7	12.5	-0.3	20.9	18	4.5	16	32	20	-51	4	15	..
Tautuku	25	19.2	8.4	13.8	+1.0	27.0	9	4.5	1	53	15	-67	16	15	..
South West Cape AWS	101	15.1	9.2	12.2	+0.1	21.6	14	5.8	1	77	24	-30	30	31	..
Kiribati, Cassidy Chri	3	..	23.6	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.4	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.7	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.0	24.5	28.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.1	23.6	27.9	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	25.1	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Sola	13	..	24.9	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Pekoia	56	..	23.9	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Lamap	22	..	24.3	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Burtonfield	70	31.2	21.2	26.2	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Aneityum	6	..	22.0	..	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	28.8	23.9	26.4	..	..	..	..	..	41	5	..	13	27	..
New Cal, Oulop	7	29.4	23.7	26.6	..	31.3	1	21.1	1	..	..	..	..	..	..
New Cal, Ouanaham	29	28.4	22.2	25.3	..	30.5	22	16.9	22	..	..	..	..	..	..
New Cal, La Roche	42	28.3	20.4	24.4	..	31.4	2	14.8	31	..	..	..	..	..	..
New Cal, La Tontouta	14	30.1	19.4	24.8	..	33.3	29	16.0	5	..	..	..	..	..	..
New Cal, Moue	97	27.7	21.3	24.5	..	29.0	19	19.0	4	..	..	..	..	..	..
Kiribati, Butaritari	2	..	25.0	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Tarawa	2	32.0	24.9	28.5	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Beru	2	32.9	25.8	29.4	..	..	..	23.4	2	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	31.8	26.7	29.3	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	31.2	23.7	27.5	..	..	..	22.4	17	..	..	..	..	..	..
Fiji, Nadi EWS	15	31.1	23.9	27.5	..	32.4	7	22.5	31	271	17	..	59	16	..
Fiji, Nausori Aero	6	29.4	23.0	26.2	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Kanton Isl	2	32.3	26.6	29.5	..	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.8	25.1	28.0	..	32.0	16	22.9	11	..	..	..	..	..	..
Maopopo, Futuna Isla	36	31.6	25.3	28.5	..	34.2	2	23.6	12	688	29	..	78	4	..
Samoa, Faleolo	4	31.6	25.2	28.4	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	32.4	25.2	28.8	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.9	25.7	28.3	..	33.2	4	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	31.2	24.4	27.8	..	..	..	..	..	..	..	..	..	..	..
Tonga, Keppel	2	30.3	24.6	27.5	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.6	23.4	26.5	..	..	..	21.0	26	..	..	..	..	..	..
Salote Pilolevu Airpo	2	29.7	24.4	27.1	..	..	..	22.0	20	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	28.8	22.3	25.6	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	29.3	23.8	26.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	23.9	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.5	23.6	27.6	..	..	..	22.3	14	131	17	..	50	25	..
Tahiti - Faaa	1	31.2	25.0	28.1	..	32.6	19	23.8	2	182	20	..	36	28	..
Tuamotu, Takaroa	2	29.4	27.0	28.2	..	30.4	17	24.5	13	..	..	..	..	..	..
Tuamotu, Hao	3	29.5	25.4	27.5	..	31.2	31	23.6	23	..	..	..	..	..	..
Gambier, Rikitea	91	26.5	22.0	24.3	..	..	..	18.5	8	87	10	..	39	21	..
Tubuai	2	28.1	23.6	25.9	..	..	..	..	..	..	..	..	..	..	..
Rapa	1	24.0	21.0	22.5	..	27.7	31	16.1	22	431	18	..	246	11	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	181
Raoul Island AWS	49	23.7	17.9	20.8	..	25.3	10	13.7	15	173	13	..	92	21	204
Campbell Island AWS	19	11.4	7.3	9.4	+0.7	15.8	9	3.0	14	171	27	+59	33	26	..
Chatham Island EWS	12	18.2	10.1	14.2	..	23.1	19	2.7	6	48	11	..	29	24	..
Chatham Island Aero A	12	18.4	10.3	14.4	..	..	..	2.6	6	53	13	..	29	24	..
Georg Von Neumayer	40	-1.6	-8.0	-4.8	..	0.5	16	-14.1	8	..	..	..	..	..	..
Ant South Pole	2827	-23.5	-27.1	-25.3	..	-17.4	17	-32.4	1	..	..	..	..	..	..
Halley Bay	30	-3.1	-9.9	-6.5	..	..	..	..	..	..	..	..	..	..	..
Gen Belgrano 2	256	1.3	-7.6	-3.2	..	..	..	..	..	..	..	..	..	..	..
Bellingshausen	16	2.1	-0.7	0.7	..	..	..	-3.6	4	..	..	..	..	..	..
Base Jubany	4	3.0	-0.2	1.4	..	6.3	16	-2.5	7	..	..	..	..	..	..

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		
V C Marambio	198	0.8	-4.1	-1.7	..	7.3	14	-5.6	4	..	..	..	..	..
Great Wall	10	..	-0.6	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	2.8	-0.5	1.2	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	2.5	-1.7	0.4	..	..	..	..	..	..	..	..	..	..
Argentine Is, Faraday	11	1.5	-1.9	-0.2	..	4.7	18	-6.2	9	..	..	..	..	..
Gen San Martin	4	4.1	-2.6	0.8	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaia	99	3.1	-2.0	0.6	..	5.7	13	-5.4	1	..	..	..	..	..
Mawson	16	3.0	-2.2	0.4	..	6.5	21	-5.4	1	..	..	..	..	..
Davis	13	4.3	-1.1	1.6	..	9.8	21	..	..	..	..	..	..	..
Progress	64	3.7	-1.1	1.3	..	8.1	20	..	..	..	..	..	..	..
Mirnyj	30	-0.1	-3.5	-1.8	..	3.4	20	-7.9	3	..	..	..	..	..
Vostok	3420	-26.7	-37.0	-31.9	..	-17.7	18	..	..	..	..	..	..	..
Casey	41	2.1	-2.8	-0.4	..	5.9	25	..	..	..	..	..	..	..
Wilkins Runway East	755	-2.3	-8.7	-5.5	..	..	..	-13.9	8	..	..	..	..	..
Durmont Durville	43	1.6	-4.1	-1.3	..	4.6	16	-8.2	28	..	..	..	..	..
Mcmurdo	24	-0.9	-6.4	-3.7	..	2.8	12	-13.9	2	..	..	..	..	..
Ant Arrival Heights E	218	-1.8	-7.7	-4.8	..	3.4	21	-15.3	1	..	..	..	..	..
Ant Scott Base EWS	20	-1.1	-8.2	-4.7	..	3.6	13	-14.5	1	..	..	..	..	..
Casey, Skiway South	392	2.8	-6.4	-1.8	..	10.4	20	..	..	..	..	..	..	..
Darwin Airport	31	31.4	17.8	24.6	..	..	..	..	..	..	..	..	..	..
Hobart Airport	4	24.7	12.2	18.5	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for November 2016															
Kerikeri EWS	79	21.6	10.8	16.2	+0.4	25.6	10	..	..	119	8	+11	37	6	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	260
Tarapounamu EWS	701	16.0	7.2	11.6	..	25.4	23	2.9	1	..	..	..	..	..	..
Akitio EWS	245	18.6	10.4	14.5	..	23.2	15	5.3	1	67	19	..	34	7	222
Castlepoint Station	10	20.0	11.8	15.9	+1.1	24.0	25	..	..	118	17	+50	66	7	..
Waipawa EWS	130	21.8	9.0	15.4	..	28.0	23	2.0	1	12	13	..	3	12	235
Mana Island	2	17.8	11.8	14.8	+0.5	..	..	4.9	1	156	..	+90	49	14	..
Blenheim Research EWS	4	20.5	10.7	15.6	+0.9	28.1	22	4.1	1	86	16	+35	36	14	232
Boyle River Lodge	600	16.7	6.1	11.4	-0.1	25.0	22	1.7	1	267	..	+85	63	26	..
Hanmer Forest EWS	363	19.2	4.5	11.9	-0.2	26.6	22	-1.5	1	104	13	+10	35	11	..
Cheviot EWS	75	19.8	8.3	14.1	..	30.5	23	0.7	1	68	11	..	29	17	225
Ashburton Council	101	20.6	8.6	14.6	+1.0	30.0	22	4.0	1	87	..	+28	28	11	..
Christchurch Aero	37	19.3	8.3	13.8	+0.3	28.4	23	2.1	1	47	12	+1	13	17	215
Manapouri, West Arm J	178	14.3	6.2	10.3	-0.4	19.7	22	1.7	2	382	26	..	50	25	..
Alexandra	150	20.6	8.2	14.4	+0.2	29.1	22	1.5	18	58	..	..	21	14	189
Ettrick No.2	91	18.4	7.2	12.8	+0.3	29.2	22	2.0	4	90	13	+36	32	14	..
Late returns and corrections for October 2016															
Tarapounamu EWS	701	13.5	5.8	9.7	..	19.7	17	1.5	30	..	..	..	..	..	..
Akitio EWS	245	15.6	9.0	12.3	..	19.7	12	4.4	23	63	21	..	15	21	203
Dunedin, Musselburgh	4	15.0	8.6	11.8	+0.9	26.2	17	4.2	30	78	16	+16	24	28	183
Birchwood WXT AWS	147	15.2	6.2	10.7	..	20.9	17	0.2	10	..	..	..	..	..	..
Stewart Is	3	14.2	6.5	10.4	+0.8	..	..	1.0	21	111	..	-37	..	..	..
Late returns and corrections for September 2016															
Tarapounamu EWS	701	10.8	5.4	8.1	..	14.5	13	0.0	9	169	25	..	25	18	..
Akitio EWS	245	12.7	8.0	10.4	..	18.2	17	2.1	9	54	10	..	13	8	122
Dunedin, Musselburgh	4	12.3	6.0	9.2	-0.3	..	..	..	..	24	10	-24	6	4	..
Stewart Is	3	12.9	6.4	9.7	+1.3	..	..	1.5	9	68	..	-55	..	..	..
Balclutha, Finegand	6	14.2	5.1	9.7	+0.9	19.2	16	-1.1	15	27	12	-19	8	7	..
Late returns and corrections for August 2016															
Tarapounamu EWS	701	9.3	2.5	5.9	..	13.2	30	-2.7	8	183	18	..	31	6	..
Dunedin, Musselburgh	4	11.0	3.3	7.2	-0.5	..	..	-3.7	7	65	11	+9	24	3	..
Stewart Is	3	11.2	2.8	7.0	+0.0	..	..	-2.5	7	66	..	-50	16	26	..
Late returns and corrections for July 2016															
Tarapounamu EWS	701	8.5	2.6	5.6	..	12.4	23	-2.2	2	137	23	..	22	28	..
Dunedin, Musselburgh	4	11.3	2.7	7.0	+0.5	17.4	23	-1.4	2	41	17	-16	11	24	122

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					
Late returns and corrections for June 2016															
Dunedin, Musselburgh	4	13.4	4.7	9.1	+1.8	..	..	..	..	33	8	-25	11	23	..
Stewart Is	3	12.6	5.2	8.9	+2.2	..	..	0.0	20	111	..	-29	24	11	..
Balclutha, Finegand	6	11.9	3.3	7.6	+1.8	17.0	10	-2.4	7	18	..	-40	5	23	..
Late returns and corrections for May 2016															
Stewart Is	3	13.6	7.1	10.4	+1.8	20.5	1	2.0	17	245	29	+93	35	14	47
Balclutha, Finegand	6	14.3	4.9	9.6	+1.5	23.5	11	-3.2	9	126	23	+66	37	22	80
Late returns and corrections for April 2016															
Stewart Is	3	15.8	8.4	12.1	+1.5	20.0	10	3.0	30	222	26	+89	27	6	60
Balclutha, Finegand	6	18.4	8.2	13.3	+2.6	23.6	10	2.0	30	44	..	-4	23	11	106
Late returns and corrections for September 2015															
Te Puke EWS	91	15.7	6.1	10.9	-0.9	18.7	13	0.6	8	225	18	+99	68	19	..

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.

©2016. All rights reserved National Institute of Water and Atmospheric Research Ltd.