

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	mm	mm	mm	Hrs				
Cape Reinga AWS	214	20.2	15.4	17.8	+0.6	22.2	28	13.0	15	..	..	..	..	..	..
Kaitaia Aero EWS	80	22.1	13.7	17.9	+1.0	24.8	17	9.9	7	67	12	-52	36	1	..
Kaitaia Observatory	85	21.9	13.7	17.8	..	24.2	2	8.9	7	64	12	-32	26	1	178
Kaitaia EWS	85	21.8	13.6	17.7	+0.8	24.1	2	8.5	7	60	11	-65	26	1	180
Kerikeri EWS	79	22.1	12.5	17.3	+0.9	27.2	3	7.6	7	157	14	+10	43	16	..
Kerikeri Aerodrome Aw	150	21.4	12.3	16.9	+0.8	25.9	3	8.7	15	151	18	+6	46	16	..
Kaikohe AWS	204	21.8	13.9	17.9	+2.1	27.5	2	10.7	15	123	20	-17	36	16	..
Trounson CWS	244	20.1	11.7	15.9	..	24.4	2	5.4	7	79	15	-52	34	17	..
Dargaville 2 EWS	66	20.8	13.1	17.0	+1.0	25.0	2	8.1	7	29	8	-42	9	10	146
Purerua AWS	82	21.0	13.8	17.4	..	25.2	3	10.5	7	1	4	..	0	2	..
Whangarei Aero AWS	37	21.8	13.7	17.8	+1.2	27.3	2	9.2	7	80	14	-23	20	10	..
Whangarei EWS	12	21.9	11.7	16.8	..	27.1	2	6.3	7	69	12	..	19	10	161
Mokohinau AWS	60	20.8	17.3	19.1	+1.4	23.3	4	15.4	17	82	7	+0	26	10	..
Leigh 2 EWS	27	22.2	15.2	18.7	+1.3	26.8	2	12.2	25	93	11	+11	51	17	..
Warkworth EWS	72	20.6	11.0	15.8	+0.4	26.0	2	5.9	7	82	12	-25	31	17	..
Whangaparaoa AWS	89	20.8	15.3	18.1	+1.1	25.0	2	12.2	25	..	..	..	..	..	..
Auckland, Whenuapai A	26	21.2	11.9	16.6	+1.1	25.6	2	5.7	15	..	..	..	..	..	..
North Shore, Auckland	20	21.2	14.6	17.9	+1.2	25.9	2	10.7	15	..	..	..	..	..	..
Auckland, North Shore	64	20.9	13.0	17.0	..	26.0	2	7.6	7	48	10	..	20	17	177
Auckland, Henderson N	7	22.1	11.7	16.9	+0.9	26.4	2	6.2	15	68	15	-32	27	17	..
Lincoln Rd, Auckland	25	21.3	13.2	17.3	+1.4	25.6	2	7.8	15	..	..	..	..	..	..
Auckland, Motat EWS	16	21.2	12.8	17.0	..	26.0	2	7.2	15	36	10	..	11	17	185
Waiheke Island, Awaro	34	21.8	12.2	17.0	..	25.5	2	6.5	7	85	8	-17	53	17	..
Whitianga Aero AWS	5	21.0	11.0	16.0	+0.7	24.7	3	6.1	15	178	22	+26	121	17	..
Whitianga EWS	1	21.6	10.6	16.1	..	26.0	3	5.1	15	164	9	..	120	17	..
Thames 2	3	22.1	12.3	17.2	+1.3	25.5	24	7.5	15	71	13	-33	35	17	149
Paeroa AWS	18	20.9	10.8	15.9	+0.7	25.3	2	4.4	15	81	13	-25	30	17	..
Holland Road, Hamilto	45	20.8	9.0	14.9	..	25.6	2	1.3	15	11	5	..	3	1	..
Toenepi EWS	48	21.1	10.0	15.6	+0.6	24.9	2	3.7	15	..	..	..	..	..	..
Matamata, Hinuera EWS	106	20.2	8.4	14.3	+0.2	23.9	3	2.2	15	39	10	..	16	2	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	119
Tauranga Aero AWS	4	21.0	12.2	16.6	+1.0	24.1	4	7.9	15	87	11	-34	50	17	..
Te Puke EWS	91	20.5	10.4	15.5	+0.9	24.2	4	6.2	15	129	12	-15	73	17	..
Whakatane Aero AWS	7	21.0	10.0	15.5	+1.0	23.6	3	5.3	15	67	10	-36	50	17	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	200
White Island AWS	310	19.1	14.0	16.6	..	22.8	3	11.3	25	96	17	..	24	17	..
Kawerau AWS	42	..	8.5	..	..	..	..	..	..	..	..	..	..	..	..
Rotorua EWS	288	19.3	9.3	14.3	..	22.5	3	3.2	15	67	11	..	33	17	165
Rotorua Aero AWS	283	19.0	9.4	14.2	+0.9	22.3	2	2.8	15	60	12	-52	29	17	..
Galatea AWS	174	19.7	7.9	13.8	..	22.9	3	1.9	15	43	12	..	17	17	..
Taupo WXT AWS	385	18.6	9.5	14.1	..	22.9	3	3.9	15	14	8	..	4	2	..
Tarapounamu EWS	701	15.5	8.3	11.9	..	18.3	4	4.8	16	48	11	..	25	17	..
Taupo AWS	400	18.4	8.1	13.3	+1.3	23.0	2	0.7	6	21	9	-47	8	10	..
Motu EWS	488	18.3	5.9	12.1	+1.0	..	..	-1.4	25	87	12	-58	54	2	..
Otamatuna, Te Mapou H	624	16.1	8.3	12.2	..	18.8	3	5.2	15	100	12	..	42	17	..
Auckland, Mangere EWS	5	21.4	13.9	17.7	+1.5	26.7	2	8.8	15	37	9	-48	14	12	165
Pakuranga, Auckland R	15	23.9	13.2	18.6	+2.9	..	..	..	..	..	..	..	..	..	..
Penrose Ews, Auckland	30	21.1	12.5	16.8	+0.5	25.0	2	7.9	15	..	..	..	..	..	..
Auckland Aero	7	21.1	13.7	17.4	+1.1	25.7	2	9.3	7	32	11	-53	9	17	..
Auckland Aero Backup	7	21.1	13.6	17.4	..	25.7	2	9.2	7	33	14	..	10	17	..
Auckland, Ardmore	23	22.3	10.4	16.4	+1.3	25.0	4	4.5	15	67	12	-33	34	2	..
Pukekohe EWS	88	20.7	12.0	16.4	+0.9	24.8	2	7.3	7	71	11	-15	41	12	..
Firth Of Thames EWS	1	20.6	9.4	15.0	..	23.6	2	3.1	15	70	11	..	20	12	..
Whatawhata 2 EWS	118	21.8	11.8	16.8	+2.1	25.4	2	6.5	6	67	11	-42	21	12	..
Hamilton, Ruakura 2 E	45	21.1	10.0	15.6	+1.1	25.9	2	2.2	15	40	9	-43	11	2	152
Hamilton AWS	53	21.0	8.9	15.0	+0.8	24.6	2	1.8	15	40	9	-48	17	12	..
Lake Karapiro CWS	55	21.3	12.0	16.7	..	25.9	2	7.1	15	61	8	..	46	12	..
Port Taharoa AWS	27	20.1	14.3	17.2	+1.0	..	..	10.1	6	..	..	..	..	..	..
Waikeria EWS	37	20.9	9.1	15.0	..	..	..	..	..	35	9	..	10	12	165
Te Kuiti EWS	62	21.0	9.8	15.4	+1.3	25.1	2	4.5	15	115	8	+11	80	1	151
Pureora Forest CWS	549	16.5	7.6	12.1	..	20.1	2	1.5	15	20	14	..	4	17	..
Taumarunui	171	20.0	8.3	14.2	+1.2	23.3	2	2.4	15	52	20	-55	11	4	..
Taumarunui EWS	170	20.1	8.7	14.4	..	23.7	3	3.5	16	44	13	..	9	23	..

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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		Hrs	
Taumarunui AWS	195	20.1	7.6	13.9	..	23.5	2	0.3	15	55	19	..	14	4	..
Turangi 2 EWS	350	18.8	6.3	12.6	+0.6	22.2	3	-0.8	6	50	12	-64	10	23	167
New Plymouth AWS	30	20.3	10.9	15.6	+1.1	23.4	2	5.8	20	60	8	-56	22	2	225
Lower Retaruke CWS	233	19.5	8.1	13.8	..	22.2	3	2.0	15	58	14	-48	19	2	..
Mt Ruapehu, Chateau E	1097	14.3	4.5	9.4	+1.1	16.2	25	-1.2	15	129	13	-51	36	2	..
Pahiatua EWS	110	18.9	7.3	13.1	..	22.4	1	-0.6	14	36	9	..	21	2	..
Alfredton RAWs	240	18.7	7.4	13.1	..	22.5	1	-0.5	14	34	8	..	18	2	..
Masterton Aero AWS	138	20.5	6.1	13.3	..	25.4	3	-0.6	15	32	18	..	12	2	..
Masterton EWS	90	20.1	5.6	12.9	..	24.8	3	-0.3	14	6	4	..	4	23	188
Masterton, Te Ore Ore	110	22.0	6.7	14.4	..	27.7	3	0.4	14	23	9	-43	10	2	..
Kopua	311	19.5	7.9	13.7	+1.1	25.5	3	0.6	14	37	11	-36	20	10	..
Takapau Plains AWS	330	17.9	7.3	12.6	+0.4	23.8	3	0.8	14	43	20	..	19	10	..
Dannevirke EWS	207	18.7	8.8	13.8	..	22.6	3	1.2	14	26	10	..	6	13	166
Waione RAWs	48	20.5	8.0	14.3	+0.5	24.8	3	0.1	15	14	15	-41	6	10	..
Akitio EWS	245	17.6	10.8	14.2	..	22.3	3	6.0	14	29	12	..	8	10	182
Castlepoint Station	10	20.2	..	..	..	25.5	6	..	..	35	8	-34	12	2	..
Castlepoint AWS	120	18.4	12.4	15.4	+0.8	23.2	3	8.1	14	18	9	-49	7	2	..
Baring Head	79	17.5	11.8	14.7	..	21.9	1	5.8	14	18	3	..	11	1	..
Te Wharau, Brackenfe	292	19.7	7.6	13.7	..	23.0	1	1.6	14	29	..	..	13	2	..
Ngawi AWS	6	19.7	12.4	16.1	+1.1	24.1	1	7.8	14	..	..	..	..	..	..
Hicks Bay AWS	46	21.0	13.4	17.2	+1.2	24.5	3	8.7	15	76	14	-34	17	17	..
Gisborne AWS	5	20.3	10.0	15.2	+0.3	26.0	3	5.0	26	113	13	+16	45	4	167
Gisborne EWS	12	21.1	10.6	15.9	..	26.2	3	6.0	26	85	14	..	30	4	..
Tolaga Bay WXT AWS	12	19.6	10.7	15.2	..	25.8	3	5.3	15	45	28	..	7	2	..
Tutira CWS	235	18.9	9.4	14.2	..	24.6	3	4.4	15	44	14	..	13	4	..
Napier Aero AWS	3	20.4	9.6	15.0	+0.6	28.2	3	3.8	29	32	12	-47	11	9	..
Hastings AWS	16	20.7	8.6	14.7	..	27.7	3	3.7	20	19	15	..	6	4	..
Whakatu EWS	5	21.1	7.8	14.5	+0.9	27.7	3	2.3	29	11	8	..	5	4	..
Ashcott Road CWS	212	19.4	7.2	13.3	..	26.3	3	1.3	14	46	10	..	27	10	..
Waipawa EWS	130	20.4	6.6	13.5	..	27.6	3	0.5	15	7	8	..	2	4	174
Wairoa, North Clyde E	15	20.8	10.1	15.5	+0.8	27.3	3	5.0	26	76	19	-52	26	4	..
Mahia Radar WXT AWS	419	16.3	12.0	14.2	..	22.2	3	9.5	25	..	..	..	..	..	..
Mahia AWS	136	18.7	12.7	15.7	+0.8	24.4	3	10.0	14	52	11	-74	20	17	..
Cape Kidnappers WXT A	118	18.0	14.0	16.0	..	24.5	3	11.0	16	..	..	..	..	..	..
Paraparaumu Aero	5	19.7	10.5	15.1	+1.6	23.0	1	2.6	14	77	6	+12	56	2	193
Paraparaumu Aero AWS	5	19.5	10.5	15.0	+1.6	22.9	1	2.9	14	68	6	+8	52	2	215
Ohakea AWS	50	19.7	10.5	15.1	..	23.5	2	3.5	14	..	..	..	..	..	..
Palmerston North AWS	39	20.1	9.6	14.9	+1.3	23.8	2	1.2	14	34	7	-26	16	2	..
Palmerston North EWS	21	19.7	9.4	14.6	+0.7	23.6	2	2.2	14	36	7	-33	22	2	180
Levin AWS	14	20.4	9.8	15.1	+1.4	23.9	2	2.1	14	38	7	-42	21	2	..
Mana Island	2	19.8	12.1	16.0	+1.4	23.4	1	6.3	14	42	9	-21	22	2	..
Mana Island AWS	100	17.4	12.1	14.8	..	21.2	1	7.1	14	..	..	..	..	..	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	201
Wellington, Kelburn A	125	18.3	11.7	15.0	+1.3	21.6	1	6.5	14	34	9	-51	17	1	..
Wellington Aero	4	18.8	12.0	15.4	+1.0	23.7	1	7.1	14	33	5	-35	14	1	..
Wellington, Greta Poi	3	20.0	12.9	16.5	..	24.4	10	9.5	14	32	5	..	19	1	..
Wellington Aero Backu	4	19.0	12.1	15.6	..	23.7	1	7.0	14	36	7	..	15	1	..
Upper Hutt, Trentham	50	19.5	7.3	13.4	..	24.1	1	-0.7	14	58	9	..	34	2	202
Stratford EWS	300	18.3	8.8	13.6	+1.2	22.1	3	4.5	20	125	8	-21	52	2	210
Hawera AWS	98	19.1	10.2	14.7	+1.4	23.2	2	2.2	14	30	9	-53	9	1	..
Ohakune EWS	607	17.0	6.3	11.7	+0.9	19.6	2	-0.5	14	45	10	-63	28	12	161
Waiouru Treatment Pla	806	16.5	5.4	11.0	+1.4	19.0	3	-0.5	14	43	10	-32	15	12	..
Waiouru Airstrip AWS	818	15.6	4.7	10.2	..	19.0	3	-2.3	15	41	15	..	13	12	..
Waiouru EWS	806	16.2	5.8	11.0	..	18.7	3	-0.1	14	44	18	..	15	12	..
Flat Hills WXT AWS	263	18.5	9.3	13.9	..	22.4	3	2.7	14	42	11	-35	13	12	..
Wanganui, Spriggens Pa	15	20.9	11.4	16.2	+1.6	24.9	2	5.4	14	29	12	-40	12	2	..
Wanganui AWS	8	19.8	11.2	15.5	+1.1	24.4	2	3.5	14	35	10	-37	16	2	..
Wanganui 2 AWS	18	21.0	10.5	15.8	..	25.6	2	5.0	14	..	..	..	..	..	..
Takaka EWS	20	20.4	8.6	14.5	+1.4	26.0	3	4.2	29	69	8	-87	57	1	233
Farewell Spit AWS	3	19.8	12.4	16.1	+1.5	22.1	26	8.9	29	111	6	+18	99	1	..
Westport Aero AWS	2	18.2	9.5	13.9	+0.7	22.0	2	6.7	14	100	13	-42	35	23	..
Westport EWS	6	17.9	9.4	13.7	..	21.3	2	6.2	14	90	10	..	35	23	226
Arapito EWS	18	19.4	8.9	14.2	..	23.3	2	5.5	24	118	8	..	33	23	207

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Hokitika Aero	39	17.1	8.7	12.9	+0.5	20.5	2	4.5	13	203	15	-29	71	23	139
Hokitika AWS	38	16.9	8.6	12.8	+0.4	..	..	4.5	13	214	14	+12	70	23	165
Hokitika EWS	39	16.9	8.2	12.6	..	20.2	2	4.1	13	173	13	..	52	2	..
Reefton EWS	198	18.2	6.7	12.5	+0.7	21.0	3	2.8	14	78	11	-65	28	23	135
Greymouth Aero EWS	5	16.9	9.4	13.2	..	19.2	3	5.3	13	132	13	..	41	23	159
Pigeon Creek CWS	105	16.9	8.1	12.5	..	19.6	5	2.8	14	228	12	..	70	23	..
Mt Philistine EWS	1655	7.2	1.6	4.4	..	16.6	28	-3.5	24	335	16	..	103	11	..
Mahanga EWS	1995	7.1	1.3	4.2	..	18.8	28	-4.1	24	134	11	..	41	23	..
Okarito	2	17.0	8.9	13.0	+0.4	21.8	2	4.9	13	235	14	-7	65	22	..
Franz Josef EWS	80	17.5	7.5	12.5	+0.8	23.7	2	3.0	24	318	12	..	79	11	171
Franz Josef AWS	118	17.1	7.4	12.3	..	..	..	..	..	..	..	..	..	..	..
Haast AWS	5	16.2	8.8	12.5	+0.5	..	..	..	..	..	..	..	..	..	..
Milford Sound	3	15.9	7.6	11.8	+0.8	17.9	6	4.0	13	568	22	+35	111	11	..
Milford Sound AWS	3	15.6	7.6	11.6	+0.5	..	..	4.1	28	611	27	..	114	11	..
Castle Mount EWS	2000	4.7	-1.6	1.6	..	8.6	15	-7.4	24	478	29	..	77	11	..
Secretary Island AWS	19	15.6	11.0	13.3	+0.7	18.4	1	7.5	12	296	28	-53	64	16	..
Puysegur Point AWS	44	15.6	11.2	13.4	+1.6	20.2	2	6.1	30	..	..	..	..	..	..
Motueka, Riwaka EWS	8	20.7	7.0	13.9	+1.2	23.9	8	2.7	29	51	6	-55	44	1	..
Pelorus Sd, Crail Bay	13	19.4	11.3	15.4	+0.9	22.0	26	7.9	16	59	7	-69	32	1	..
Nelson Aero	2	19.8	9.0	14.4	+1.2	23.3	8	5.0	29	38	5	-43	33	1	248
Appleby 2 EWS	18	20.8	5.6	13.2	+0.1	27.1	7	-0.1	29	39	4	..	32	1	253
Richmond EWS	1	19.7	8.0	13.9	..	23.1	8	3.6	29	48	6	..	44	1	265
Nelson AWS	4	19.5	9.2	14.4	+0.8	23.0	8	5.0	29	43	8	..	36	1	..
Blenheim Research EWS	4	19.6	7.8	13.7	+0.4	..	..	..	..	26	4	-19	24	1	..
Wairau Valley, Mill R	172	19.5	7.3	13.4	..	24.7	29	1.3	29	30	4	..	29	1	..
Blenheim Aero AWS	35	20.3	6.3	13.3	+0.4	25.5	3	-0.2	15	25	4	-28	23	1	..
Brothers Island AWS	68	17.4	13.3	15.4	+0.9	20.0	26	10.3	21	37	4	..	27	1	..
Grassmere Salt Works	2	18.9	9.7	14.3	+0.4	25.4	3	3.0	24	17	3	-15	13	1	..
Cape Campbell AWS	2	16.6	12.2	14.4	+0.5	..	..	9.8	21	15	5	-15	9	1	..
Boyle River Lodge	600	17.6	3.6	10.6	+0.5	22.5	11	-0.3	21	72	10	-69	21	11	..
Hanmer Forest EWS	363	20.6	2.2	11.4	+0.8	26.5	3	-3.6	21	18	6	-48	8	1	..
Kaikoura, Middle Cree	5	17.9	5.7	11.8	..	22.8	3	2.1	29	26	15	..	8	23	..
Kaikoura AWS	105	17.9	10.7	14.3	+1.3	23.3	3	7.4	14	16	8	-40	6	12	..
Arthurs Pass	738	13.6	3.5	8.6	+0.4	17.0	21	-1.2	13	227	9	-115	70	23	..
Arthurs Pass EWS	738	13.8	4.7	9.3	+1.0	17.4	21	0.0	13	210	8	-151	64	11	..
Culverden AWS	181	19.9	5.1	12.5	..	27.4	29	-1.3	14	12	18	..	3	3	..
Medbury CWS	232	19.3	4.5	11.9	..	24.6	3	-2.9	14	10	6	..	7	4	..
Waipara North Branch	560	17.0	6.1	11.6	..	24.8	28	0.2	13	27	10	..	10	4	..
Waiiau School CWS	136	20.6	5.0	12.8	..	26.9	29	-1.3	22	2	6	..	1	1	..
Cheviot EWS	75	20.2	5.1	12.7	..	25.6	16	-0.6	14	8	7	..	2	1	209
Upper Rakaia EWS	1752	8.4	1.7	5.1	..	16.5	28	-3.8	24	111	15	..	36	23	..
Mt Potts EWS	2128	7.7	1.1	4.4	..	15.1	28	-5.2	24	68	11	..	20	11	..
Mt Cook EWS	730	17.2	4.0	10.6	+1.2	23.1	28	-1.4	13	186	9	-158	81	11	148
Mueller Hut EWS	1818	8.0	2.3	5.2	..	14.0	28	-2.4	13	322	10	..	122	11	..
Mt Cook Aero AWS	659	17.0	4.0	10.5	..	23.7	28	-1.2	28	106	11	..	42	11	..
Snowdon RAWs	560	17.5	6.3	11.9	+0.9	24.2	28	0.5	19	21	8	..	6	11	..
Methven, Three Spring	305	17.6	6.2	11.9	..	..	..	..	..	34	12	..	7	11	..
Methven CWS	313	18.2	7.4	12.8	..	23.9	3	3.4	14	29	10	..	9	23	..
Methven AWS	345	17.5	7.3	12.4	..	22.0	3	2.0	14	..	..	..	..	..	..
Chertsey CWS	108	18.4	6.5	12.5	..	..	..	..	..	15	7	..	4	23	..
Winchmore EWS	160	18.7	5.1	11.9	+0.3	25.1	3	0.9	14	18	7	-32	5	7	..
Peel Forest	286	17.9	5.2	11.6	+0.9	23.4	3	0.7	14	75	8	-4	28	3	..
Lismore, Racemans Hou	168	17.7	6.7	12.2	..	26.7	3	1.9	14	32	7	..	11	3	..
Ashburton Council	101	20.8	6.5	13.7	+1.8	26.8	3	0.4	24	22	6	-27	6	3	..
Ashburton Aero AWS	89	18.7	5.8	12.3	..	26.2	3	0.6	29	21	13	..	5	3	196
Wakanui 2 CWS	53	18.6	6.6	12.6	..	23.8	7	2.2	13	18	6	..	8	3	..
Waipara West EWS	130	20.5	8.3	14.4	..	25.2	3	3.9	14	17	9	..	4	3	218
West Eyreton, Larunde	88	18.5	5.1	11.8	..	24.8	7	0.0	14	..	..	..	..	..	..
Rangiora EWS	23	19.2	4.8	12.0	+0.1	25.8	11	0.7	13	6	5	..	3	4	196
Eyrewell, Ngai Tahu W	210	17.9	7.0	12.5	..	23.0	3	2.4	14	2	8	..	0	7	..
Christchurch Aero	37	19.0	5.6	12.3	+0.4	26.3	3	1.0	29	15	11	-29	6	4	..
Christchurch Aero Bac	37	18.9	5.5	12.2	..	26.3	3	0.9	29	13	12	..	5	4	..
Christchurch Gardens	7	19.1	7.6	13.4	+0.7	25.8	3	3.0	13	11	5	-35	3	4	..

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	
Christchurch, Kyle St	6	20.9	7.6	14.3	+1.9	28.3	3	2.6	13	9	5	..	4	4	..
Christchurch, New Bri	12	16.7	10.7	13.7	..	..	..	6.0	13	..	..	..	..	..	..
Lincoln, Broadfield E	18	19.2	7.0	13.1	+0.9	26.8	3	0.9	13	10	7	-35	3	7	..
Sugar Loaf AWS	496	16.7	8.9	12.8	..	22.5	3	4.5	24	..	..	..	..	..	..
Diamond Harbour EWS	123	18.2	9.7	14.0	..	25.0	3	4.6	13	8	5	..	3	7	206
Leeston RAWS	15	20.4	7.2	13.8	..	27.3	3	2.3	13	11	11	..	3	23	..
Cooptown AWS	70	20.0	7.1	13.6	..	..	..	..	..	..	..	..	..	..	..
Dorie CWS @ Leferinks	55	18.6	6.4	12.5	..	25.1	3	1.9	13	25	7	..	9	23	..
Akaroa EWS	45	19.9	9.9	14.9	+2.0	27.0	3	6.0	13	5	7	-62	2	2	202
Le Bons Bay AWS	236	17.1	10.0	13.6	+1.4	24.6	3	6.4	24	9	6	..	2	2	..
Lake Tekapo, Air Safa	762	16.1	4.2	10.2	+1.0	20.4	7	0.0	13	24	6	-21	10	11	..
Lake Tekapo EWS	762	17.2	4.3	10.8	+1.4	21.5	7	0.4	13	21	7	..	9	11	215
Fairlie AWS	403	17.6	6.3	12.0	..	23.2	3	2.1	24	22	11	..	6	3	..
Pukaki Aerodrome AWS	473	18.7	2.0	10.4	..	22.7	7	-4.0	28	17	12	..	5	11	..
Hakataramea Valley Cw	355	19.1	5.6	12.4	..	24.3	7	0.7	24	7	5	..	4	11	..
Orari Estate	81	18.2	5.5	11.9	+0.7	24.4	3	-0.1	14	22	8	-25	9	11	..
Orari Estate CWS	81	17.9	5.7	11.8	..	23.8	3	0.1	14	19	6	..	8	11	..
Timaru Aero AWS	26	17.5	5.0	11.3	+0.3	23.3	3	0.4	14	18	8	-20	9	3	..
Timaru EWS	17	16.4	6.6	11.5	-0.1	20.8	26	2.2	14	19	11	-23	6	3	196
Waimate CWS	39	18.1	6.2	12.2	..	25.2	3	0.4	24	23	8	..	9	3	..
Oamaru Airport AWS	30	16.9	6.5	11.7	+0.8	21.8	3	0.6	24	13	6	-24	7	11	..
Albert Burn	1280	11.4	3.7	7.6	..	16.7	2	-2.3	24	169	15	..	47	11	..
Mt Larkins EWS	1900	5.7	-1.9	1.9	..	12.6	27	-8.4	24	106	16	..	25	7	..
Eglinton, Knobs Flat	365	15.4	4.9	10.2	..	19.3	2	0.3	13	137	14	..	31	11	..
Tara Hills AWS	488	18.2	3.9	11.1	+1.4	21.3	6	-1.7	24	17	7	-19	7	11	..
Wanaka CWS	305	17.2	5.4	11.3	..	20.4	7	0.9	24	26	6	..	12	7	..
Wanaka Aero AWS	352	17.6	6.2	11.9	+1.3	20.9	3	1.4	24	25	6	-22	9	7	..
Naseby Forest 2	607	17.3	2.9	10.1	+1.2	22.0	2	-1.6	24	26	5	-17	9	12	..
Windsor EWS	81	18.6	5.5	12.1	+1.3	24.6	28	-0.5	24	16	7	-18	7	3	..
Ranfurly EWS	450	17.4	2.5	10.0	+0.8	22.3	2	-2.4	19	12	6	-25	9	11	..
Oamaru AWS	40	17.7	7.6	12.7	+1.0	22.6	3	1.3	24	23	15	..	7	3	..
Palmerston	21	19.1	4.8	12.0	+1.4	24.5	22	-1.0	24	17	5	-28	9	11	118
Middlemarch EWS	213	19.0	3.2	11.1	+0.9	23.4	11	-3.4	28	8	3	..	6	11	142
Waitati AWS	35	17.3	5.3	11.3	..	24.0	11	1.0	13	25	12	..	10	11	..
Swampy Summit AWS	722	14.0	6.2	10.1	..	19.7	28	1.4	24	..	..	..	..	..	..
Dunedin Aero AWS	1	19.4	5.0	12.2	+1.7	24.5	6	-2.0	28	24	8	-24	11	11	..
Dunedin, Musselburgh	4	17.7	8.6	13.2	+1.5	..	..	..	..	39	8	-12	19	11	..
Oamaru EWS	20	17.5	7.2	12.4	..	22.8	3	0.6	24	11	6	..	6	11	175
Takahe Valley CWS	895	10.7	2.2	6.5	..	16.8	2	-2.5	25	162	14	..	65	7	..
Te Anau At Park HQ Cw	204	15.7	8.0	11.9	..	17.6	10	2.7	25	..	..	..	..	..	..
Manapouri, West Arm J	178	13.9	8.2	11.1	+1.7	17.6	2	4.0	12	381	25	..	57	7	..
Manapouri Aero AWS	209	16.8	6.8	11.8	+2.3	20.6	11	1.1	18	76	15	-15	18	7	..
Birchwood WXT AWS	147	17.4	7.2	12.3	..	22.4	2	1.3	19	54	11	..	16	7	..
Queenstown	322	17.6	6.8	12.2	+1.1	20.3	6	3.1	24	55	10	-14	18	7	133
Queenstown EWS	322	17.9	6.9	12.4	..	20.7	6	3.0	24	54	9	..	17	7	..
Queenstown Aero AWS	354	17.1	5.3	11.2	+1.6	21.7	7	0.0	19	49	10	-7	13	11	185
Five Rivers CWS	260	17.4	6.2	11.8	..	21.6	2	1.4	4	62	9	..	19	11	..
Lumsden AWS	187	17.5	6.3	11.9	+2.0	..	..	..	..	..	..	..	..	..	..
Waipounamu CWS	152	18.5	6.1	12.3	..	22.5	2	1.1	19	60	13	..	15	11	..
Riversdale Aquifer @	125	17.6	5.8	11.7	..	22.6	2	..	..	36	10	..	10	22	..
Cromwell EWS	213	19.2	4.6	11.9	+1.1	23.7	29	-0.5	19	17	4	..	7	11	190
Lauder EWS	375	18.1	3.6	10.9	+1.2	..	..	..	..	12	4	-26	5	11	..
Ophir 2	305	19.4	0.9	10.2	..	24.2	2	-5.0	28	11	3	..	5	11	..
Alexandra	150	19.8	3.8	11.8	+0.8	23.6	3	-2.4	24	13	6	..	7	11	140
Alexandra CWS	140	19.0	4.6	11.8	..	22.9	3	-1.1	24	14	6	..	9	11	..
Clyde 2 EWS	170	19.4	3.3	11.4	..	23.2	3	-3.1	24	14	5	..	7	11	..
Alexandra AWS	230	18.5	4.2	11.4	..	22.4	7	-1.9	24	11	6	..	7	11	..
Roxburgh WXT AWS	160	18.6	7.0	12.8	..	22.9	2	1.1	24	24	12	..	11	11	..
Ettrick No.2	91	19.3	4.2	11.8	+1.3	24.0	2	-2.5	24	32	6	-14	15	3	..
Tapanui	180	17.7	6.5	12.1	+1.8	24.5	2	1.0	30	61	16	-9	23	11	..
Waitutu CWS	30	16.7	7.5	12.1	..	21.0	2	2.2	30	319	24	..	108	7	..
Winton 2	44	18.1	7.2	12.7	+2.2	23.9	2	1.5	30	85	14	+8	15	7	107
Gore AWS	123	16.9	6.5	11.7	+1.6	22.8	2	0.2	30	57	13	-17	14	22	..

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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		Hrs	
Invercargill Aero	1	16.7	8.1	12.4	+2.0	22.7	2	3.2	30	116	21	+20	15	12	123
Invercargill Aero AWS	1	16.7	8.0	12.4	+2.1	22.5	2	2.5	30	112	22	..	16	12	..
Invercargill Aero 2 E		17.1	7.3	12.2	..	23.2	2	2.5	30	119	21	..	15	12	123
Tiwai Point EWS	5	17.7	9.4	13.6	+2.4	22.5	10	3.7	30	97	23	+0	15	7	..
Stewart Is	3	15.8	8.4	12.1	+1.5	20.0	10	3.0	30	222	26	+89	27	6	..
Balclutha, Finegand	6	18.4	8.2	13.3	+2.6	23.6	10	2.0	30	44	..	-4	23	11	..
Balclutha, Telford Ew	11	17.9	7.0	12.5	..	22.9	10	1.0	30	44	13	..	23	11	155
Nugget Point AWS	129	15.3	8.6	12.0	+1.2	..	..	..	..	44	16	-12	13	11	..
Tautuku	25	17.2	8.9	13.1	+2.4	22.0	2	1.0	13	72	16	-32	20	23	..
South West Cape AWS	101	13.8	10.0	11.9	+1.1	19.8	2	6.3	24	221	27	+117	53	6	..
Kiribati, Cassidy Chri	3	..	25.2	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.3	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	31.7	24.5	28.1	..	..	..	..	..	245	17	..	68	9	..
Solomon, Henderson	9	31.5	23.7	27.6	..	..	..	21.5	27	311	12	..	74	9	..
Solomon, Santa Cruz	24	..	24.1	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Sola	13	30.8	25.0	27.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Pekoa	56	30.8	22.8	26.8	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Lamap	22	32.2	24.0	28.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.1	22.2	26.2	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Burtonfield	70	30.8	21.8	26.3	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Aneityum	6	30.4	22.4	26.4	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	28.9	24.3	26.6	..	31.3	1	23.1	23	27	9	..	7	19	..
New Cal, Oulop	7	29.6	24.2	26.9	..	31.0	2	19.7	24	..	..	..	..	..	..
New Cal, Ouanaham	29	28.6	22.7	25.7	..	30.7	1	18.7	24	..	..	..	..	..	..
New Cal, Poinoimie	13	28.3	24.1	26.2	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Roche	42	28.7	21.6	25.2	..	30.6	1	17.5	16	..	..	..	..	..	..
New Cal, La Tontouta	14	30.2	20.3	25.3	..	33.5	2	16.4	9	..	..	..	..	..	..
New Cal, Moue	97	28.0	22.1	25.1	..	29.8	1	19.8	9	..	..	..	..	..	..
Kiribati, Butaritari	2	..	26.6	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Tarawa	2	31.9	26.2	29.1	..	34.5	15	..	..	..	..	..	..	..	..
Kiribati, Beru	2	30.7	25.7	28.2	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Funafuti Aero	1	31.6	26.8	29.2	..	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	31.0	22.9	27.0	..	33.6	2	..	..	..	..	..	..	..	..
Fiji, Nadi EWS	15	30.6	23.0	26.8	..	33.4	2	20.4	11	449	9	..	151	4	..
Fiji, Nausori Aero	6	28.7	22.8	25.8	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Kanton Isl	2	31.0	26.0	28.5	..	..	..	24.5	16	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.3	25.6	28.0	..	32.3	5	22.2	26	..	..	..	..	..	..
Maopopo, Futuna Isla	36	30.1	25.7	27.9	..	33.9	5	23.9	10	398	23	..	137	13	..
Samoa, Faleolo	4	31.6	25.1	28.4	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.9	25.3	28.6	..	33.9	9	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.9	26.0	28.0	..	..	..	24.3	26	805	27	..	142	29	..
Tonga, Queen Lavinia	60	30.2	24.3	27.3	..	..	..	..	..	..	..	..	..	..	..
Tonga, Keppel	2	29.4	25.1	27.3	..	..	..	23.0	27	..	..	..	..	..	..
Tonga, Lupepauu	67	28.3	23.9	26.1	..	29.7	7	19.4	26	..	..	..	..	..	..
Salote Pilelevu Airpo	2	28.3	24.2	26.3	..	..	..	..	..	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	27.8	22.3	25.1	..	29.3	1	11.8	18	..	..	..	..	..	..
CI Rarotonga Aero	7	27.7	21.9	24.8	..	31.2	7	..	..	..	..	..	..	..	..
Rarotonga EWS	7	27.5	22.8	25.2	..	31.1	7	20.3	29	38	8	..	14	5	..
Vanuatu, Saratamata	18	..	23.8	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.5	24.9	28.2	..	33.1	20	23.4	28	121	19	..	22	14	..
Tahiti - Faaa	1	31.1	25.3	28.2	..	33.1	10	23.4	19	383	19	..	75	23	..
Tuamotu, Takaroa	2	30.5	28.8	29.7	..	31.5	9	25.5	26	..	..	..	..	..	..
Tuamotu, Hao	3	30.4	26.5	28.5	..	31.5	22	24.6	28	..	..	..	..	..	..
Tuamotu, Hereheretue	3	29.3	25.2	27.3	..	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	27.5	23.4	25.5	..	30.0	9	20.2	23	379	23	..	61	25	..
Tubuai	2	26.7	22.0	24.4	..	29.7	6	16.2	30	..	..	..	..	..	..
Rapa	1	23.9	19.5	21.7	..	27.5	8	14.3	30	47	15	..	15	27	..
Raoul Island AWS	49	24.4	18.8	21.6	..	..	..	15.5	27	83	16	..	33	4	..
Enderby Is AWS	40	10.7	7.0	8.9	..	12.5	1	3.6	25	123	29	..	18	10	..
Campbell Island AWS	19	9.6	5.7	7.7	+0.1	12.5	1	1.9	24	158	28	+35	20	2	..
Chatham Island EWS	12	16.1	9.7	12.9	..	19.0	8	3.9	17	48	14	..	14	11	..
Chatham Island Aero A	12	16.1	9.8	13.0	..	19.1	8	4.0	17	57	23	..	15	11	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
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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		Hrs	
Georg Von Neumayer	40	-12.3	-21.8	-17.1	..	-2.4	7	-34.8	18	
Ant South Pole	2827	-51.7	-58.7	-55.2	..	-42.9	15	-66.1	29	..	..	..	..	..
Halley Bay	30	-15.3	-25.7	-20.5	..	-4.0	20	-34.4	18	..	..	..	..	..
Gen Belgrano 2	256	-11.0	-18.3	-14.7	..	-1.4	20	-28.4	6	..	..	..	..	..
Bellingshausen	16	-1.8	-4.3	-3.1	..	2.9	5	-13.1	21	..	..	..	..	..
Base Jubany	4	-0.5	-4.5	-2.5	..	5.8	5	-15.4	21	..	..	..	..	..
Dinamet	10	-1.3	-4.2	-2.8	..	..	..	..	..	..	..	..	..	..
V C Marambio	198	-6.3	-15.1	-10.7	..	7.2	26	-28.6	16	..	..	..	..	..
Arturo Prat		-0.3	-4.5	-2.4	..	4.6	26	-15.4	21	..	..	..	..	..
Great Wall	10	..	-4.5	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	-1.4	-5.1	-3.3	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-3.5	-7.3	-5.4	..	5.4	26	-15.5	21	..	..	..	..	..
Argentine Is, Faraday	11	-1.4	-4.9	-3.2	..	4.5	5	-10.5	21	..	..	..	..	..
Gen San Martin	4	-4.1	-9.4	-6.8	..	4.1	5	-17.4	22	..	..	..	..	..
Novolax Arevskaja	99	-8.8	-11.6	-10.2	..	..	..	..	..	..	..	..	..	..
Mawson	16	-12.0	-18.0	-15.0	..	-5.4	1	-21.6	17	..	..	..	..	..
Davis	13	-11.8	-17.8	-14.8	..	..	..	..	..	..	..	..	..	..
Progress	64	-12.6	-14.6	-13.6	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-12.8	-15.9	-14.4	..	-6.8	4	-25.8	27	..	..	..	..	..
Vostok	3420	-64.3	-67.5	-65.9	..	-55.1	7	-74.7	21	..	..	..	..	..
Casey	41	-8.4	-14.8	-11.6	..	1.5	3	-25.1	9	..	..	..	..	..
Durmunt Durville	43	-12.2	-18.0	-15.1	..	-0.8	1	-25.3	14	..	..	..	..	..
Mcmurdo	24	-20.9	-27.6	-24.3	..	..	..	..	..	..	..	..	..	..
Ant Arrival Heights E	218	-22.5	-28.7	-25.6	..	-7.2	20	-36.5	4	..	..	..	..	..
Ant Scott Base EWS	20	-22.6	-31.5	-27.1	..	-6.4	20	-43.2	8	..	..	..	..	..
Darwin Airport	31	24.4	18.7	21.6	..	..	..	..	..	47	7	..	21	1
Hobart Airport	4	24.4	18.7	21.6	..	..	..	..	..	10	8	..	2	6
Late returns and corrections for March 2016															
Toenepi EWS	48	24.0	13.9	19.0	+1.6	27.2	16	6.5	13	..	..	..	..	..
Port Taharoa AWS	27	22.8	16.8	19.8	+1.4	..	..	10.9	12	..	..	..	..	..
Waione RAWS	48	23.2	12.3	17.8	+1.0	29.3	7	2.6	3	63	13	+6	16	8	
Waipawa EWS	130	22.6	11.1	16.9	..	29.0	5	3.8	13	32	9	..	8	25	
Mana Island	2	21.8	13.2	17.5	+0.8	25.4	7	-0.9	18	24	..	-36	10	16	
Stephens Island	187	19.6	14.2	16.9	+1.4	24.6	6	..	..	49	5	..	26	23
Nelson Aero	2	22.6	12.8	17.7	+1.5	29.4	7	7.2	12	148	6	+77	138	23	
Cheviot EWS	75	22.7	9.3	16.0	..	31.2	5	1.0	12	60	6	..	35	15	
Waipara West EWS	130	22.6	10.7	16.7	..	30.5	5	3.3	12	32	9	..	18	15	
Rangiora EWS	23	20.9	9.6	15.3	+0.7	30.2	20	1.3	12	37	7	..	28	15	
Lincoln, Broadfield E	18	21.5	10.8	16.2	+1.3	31.4	10	0.6	12	34	5	-13	25	15	
Akaroa EWS	45	22.1	12.2	17.2	+1.6	30.5	10	7.3	12	24	4	-44	19	15	
Dunedin, Musselburgh	4	18.9	10.8	14.9	+1.2	27.9	5	3.1	17	20	11	-44	6	10	
Samoa, Pago Pago Aero	3	31.2	26.1	28.7	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for February 2016															
Waione RAWS	48	27.7	14.8	21.3	+2.8	32.3	4	9.9	13	14	7	-46	6	18	
Mana Island	2	24.3	15.8	20.1	+2.2	26.0	16	8.6	1	41	5	-25	22	18	
Dunedin, Musselburgh	4	21.8	13.6	17.7	+2.7	30.3	24	8.9	21	29	8	-39	15	25	
Late returns and corrections for January 2016															
Waione RAWS	48	25.1	13.5	19.3	+1.0	31.5	24	4.5	6	76	11	+2	26	3	
Dunedin, Musselburgh	4	17.7	10.9	14.3	-1.0	24.6	23	6.7	4	81	16	+8	26	12	
Late returns and corrections for December 2015															
Waione RAWS	48	21.9	9.9	15.9	-1.4	26.7	30	2.9	30	45	10	-34	15	6	
Dunedin, Musselburgh	4	19.0	10.5	14.8	+1.0	34.5	21	5.3	31	31	13	-49	7	3	
Late returns and corrections for November 2015															
Waione RAWS	48	19.8	9.3	14.6	-0.3	27.1	27	-1.1	14	54	13	-15	13	4	
Dunedin, Musselburgh	4	16.5	7.6	12.1	-0.3	27.6	25	1.9	19	54	14	-2	14	27	
Late returns and corrections for October 2015															
Waione RAWS	48	18.3	8.2	13.3	-0.1	23.2	7	-0.7	9	78	15	-41	17	23	

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	
Dunedin, Musselburgh	4	17.0	6.5	11.8	+0.9	29.0	7	3.2	20	74	14	+12	22	16	228
Late returns and corrections for September 2015															
Waione RAWS	48	14.9	5.7	10.3	-1.2	19.4	13	-1.9	8	183	18	+110	38	23	..
Dunedin, Musselburgh	4	12.1	4.8	8.5	-1.0	22.6	17	0.1	21	28	14	-20	5	1	156
Late returns and corrections for August 2015															
Dunedin, Musselburgh	4	10.1	3.3	6.7	-1.0	15.6	3	-2.0	5	60	12	+4	16	24	131
Late returns and corrections for July 2015															
Dunedin, Musselburgh	4	10.2	2.9	6.6	+0.1	18.1	26	-3.1	13	25	14	-32	5	31	121
Late returns and corrections for June 2015															
Dunedin, Musselburgh	4	11.3	3.1	7.2	-0.1	20.6	9	-1.8	17	194	16	+136	113	3	99
Late returns and corrections for May 2015															
Dunedin, Musselburgh	4	14.2	5.4	9.8	+0.5	24.6	6	0.1	29	57	9	-8	21	12	124

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.

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