

MAY 2013

Summary of the records of Temperature, Rainfall and Sunshine May 2013

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	17.7	12.7	15.2	-0.1	21.3	2	5.9	28	119	23	+24	18	7	..
Kaitaia Aero EWS	80	18.8	11.4	15.1	+0.2	22.4	2	5.5	29	129	18	-9	24	22	..
Kaitaia Observatory	85	18.8	10.7	14.8	..	22.7	1	4.0	29	131	19	-4	25	6	154
Kaitaia EWS	85	18.8	11.0	14.9	+0.2	23.0	1	6.2	29	130	20	-37	27	6	161
Kerikeri EWS	79	18.7	9.3	14.0	-0.2	..	..	..	..	..	..	..	..	..	..
Kerikeri Aerodrome Aw	150	18.0	9.7	13.9	+0.0	22.3	2	3.0	29	297	24	+143	85	8	..
Kaikohe AWS	204	17.3	10.6	14.0	+0.3	22.4	2	4.3	29	183	23	+44	30	6	..
Trounson Cws	244	16.6	9.0	12.8	..	21.1	2	3.8	11	214	29	+26	29	22	..
Dargaville 2 EWS	66	19.1	11.7	15.4	+1.5	23.5	2	6.8	29	155	21	+26	21	5	144
Purerua AWS	82	18.2	11.6	14.9	..	21.6	1	4.1	29	126	22	..	28	17	..
Whangarei Aero AWS	37	18.5	10.5	14.5	+0.0	22.2	3	6.0	29	131	21	+21	31	17	..
Mokohinau AWS	60	17.6	14.5	16.1	+0.6	..	..	..	..	..	..	..	..	..	..
Leigh 2	27	20.0	12.5	16.3	+0.9	25.3	3	4.4	29	155	21	+51	28	8	..
Warkworth EWS	72	17.6	8.8	13.2	-0.1	20.9	13	2.8	29	244	21	+110	45	8	..
Whangaparaoa AWS	89	17.5	12.3	14.9	+0.3	21.3	3	4.0	29	175	22	+48	35	8	..
Auckland, Whenuapai A	26	17.8	9.0	13.4	+0.1	22.2	13	3.2	29	..	..	..	..	..	..
Auckland, North Shore	64	18.0	10.3	14.2	..	22.0	2	2.9	29	267	20	..	59	8	134
Auckland, Henderson,	7	18.6	9.0	13.8	+0.3	23.4	2	2.9	29	289	21	+158	43	8	..
Musick Pt Ews, Auckla	18	18.6	11.2	14.9	+0.5	21.7	3	4.4	29	..	..	..	..	..	..
Waiheke Island, Awaro	34	18.8	9.5	14.2	..	22.3	2	2.0	30	208	20	+94	43	17	..
Whitianga Aero AWS	5	17.8	9.3	13.6	+0.5	20.9	13	1.7	30	201	26	+31	38	4	..
Thames 2	3	17.8	8.9	13.4	+0.0	21.5	4	0.5	29	134	21	+44	17	4	128
Paeroa AWS	18	17.4	8.3	12.9	+0.3	20.5	4	-0.8	29	166	20	+70	69	10	..
Toenepi EWS	48	17.3	7.5	12.4	+0.0	21.4	1	-0.8	30	178	16	..	39	10	..
Matamata, Hinuera EWS	106	17.6	6.5	12.1	+0.7	24.1	1	-1.9	30	..	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	173
Tauranga Aero AWS	4	18.5	10.0	14.3	+1.0	22.1	15	3.3	30	119	16	+9	31	4	..
Te Puke EWS	91	18.0	8.1	13.1	+0.9	22.4	14	0.5	25	167	16	+35	60	25	..
Whakatane Aero AWS	7	18.0	7.1	12.6	+0.8	22.2	15	-1.8	30	106	13	+1	26	25	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	192
White Island AWS	310	16.2	11.6	13.9	..	..	..	..	..	..	..	..	..	..	..
Mamaku Radar Wxt AWS	617	12.6	7.9	10.3	..	18.1	13	-0.3	29	..	..	..	..	..	..
Kawerau AWS	42	18.5	7.4	13.0	..	23.0	13	1.1	31	..	..	..	..	..	171
Rotorua Aero AWS	283	15.5	6.9	11.2	+0.5	21.3	13	-2.8	30	157	15	+34	37	4	..
Galatea AWS	174	15.9	5.2	10.6	..	20.6	13	-4.5	30	..	..	..	..	..	..
Taupo Wxt AWS	385	14.6	7.1	10.9	..	18.7	13	..	..	..	..	..	..	..	..
Tarapounamu EWS	701	12.7	5.5	9.1	..	20.6	13	-1.1	30	115	14	..	42	25	..
Taupo AWS	400	14.3	5.0	9.7	+0.3	18.8	4	-4.2	30	73	13	-2	23	25	..
Motu EWS	488	15.4	3.6	9.5	+0.7	..	..	..	..	219	17	+27	62	25	..
Otamatuna, Te Mapou H	624	13.4	6.0	9.7	..	..	..	..	..	135	13	..	49	25	..
Auckland, Mangere EWS	5	17.4	9.3	13.4	-0.6	21.4	2	2.8	29	261	20	+153	67	4	137
Pakuranga, Auckland R	15	19.4	9.4	14.4	+0.9	22.9	1	0.6	29	..	..	..	..	..	..
Penrose Ews, Auckland	30	18.0	9.4	13.7	-0.4	..	..	..	..	..	..	..	..	..	..
Auckland Aero	7	17.6	10.7	14.2	+0.2	21.7	2	2.9	29	238	23	+128	38	4	..
Auckland, Ardmore	23	18.6	7.6	13.1	+0.2	22.4	3	0.0	29	229	18	+114	27	8	..
Pukekohe EWS	88	17.4	9.7	13.6	+0.4	..	..	..	..	241	18	+119	43	25	..
Firth Of Thames EWS	1	18.9	7.2	13.1	..	23.1	4	-0.5	29	135	15	..	23	17	..
Whatawhata 2 EWS	118	16.4	7.9	12.2	+0.0	20.5	13	0.8	30	264	17	+115	45	5	..
Hamilton, Ruakura 2 E	45	18.9	6.3	12.6	+0.7	23.2	13	-1.1	30	192	16	+95	39	10	140
Hamilton AWS	53	17.0	6.7	11.9	+0.3	21.1	3	-1.1	30	193	19	+86	36	10	..
Lake Karapiro Cws	55	16.1	8.4	12.3	..	19.9	3	2.0	30	128	14	..	27	25	..
Port Taharoa AWS	27	17.8	10.8	14.3	+0.3	21.7	3	4.9	29	168	19	..	30	10	..
Waikeria 2	46	17.4	7.7	12.6	+1.2	21.7	3	1.0	12	173	14	+74	40	4	..
Te Kuiti EWS	62	16.5	6.2	11.4	-0.1	21.8	13	-1.2	30	218	18	+84	46	25	127
Pureora Forest Cws	549	13.4	4.7	9.1	..	19.4	13	-3.1	30	160	13	..	33	5	..
Taumarunui	171	16.0	5.9	11.0	+0.7	..	..	..	..	..	..	..	..	..	..
Taumarunui AWS	195	15.9	4.3	10.1	..	21.4	3	-3.9	30	160	24	..	38	25	123
Turangi 2 EWS	350	15.2	4.9	10.1	+0.7	20.0	15	-4.7	30	140	13	+7	37	17	129
New Plymouth AWS	30	16.3	8.9	12.6	+0.1	19.7	4	1.4	30	233	18	+107	47	17	154
Lower Retaruke Cws	233	14.9	5.3	10.1	..	20.0	13	-2.4	30	28	15	-96	5	25	..
Mt Ruapehu, Chateau E	1097	11.3	3.2	7.3	+1.4	20.3	14	-4.6	30	195	18	-38	27	17	..
Pahiatua EWS	110	14.3	4.7	9.5	..	19.4	5	-2.0	30	67	14	..	21	27	..
Alfredton Raws	240	15.2	4.1	9.7	..	20.9	5	-5.2	30	64	19	..	14	5	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm		
Masterton Aero AWS	138	16.1	5.5	10.8	..	21.2	13	-2.3	31	71	19	..	27	28	..
Masterton, Te Ore Ore	110	16.5	5.6	11.1	..	21.6	13	-2.1	30	59	14	-23	18	28	..
Kopua	311	15.2	5.9	10.6	+0.3	20.2	15	-1.0	30	67	10	-14	18	19	..
Takapau Plains AWS	330	14.5	5.4	10.0	+0.0	19.3	14	-0.7	30	75	18	..	18	19	..
Dannevirke EWS	207	15.8	6.3	11.1	..	20.6	5	-2.3	30	53	12	..	15	17	139
Waione Raws	48	16.3	5.8	11.1	-0.3	22.0	13	-2.4	30	55	14	-36	21	6	..
Cape Turnagain AWS	292	13.2	9.5	11.4	..	18.1	14	2.8	29	..	..	..	..	..	..
Akitio EWS	245	15.3	8.0	11.7	..	20.2	14	1.2	29	59	17	..	18	6	169
Castlepoint Station	9	15.8	9.4	12.6	-0.3	20.5	12	3.5	29	84	11	-10	29	6	..
Castlepoint AWS	120	14.7	9.9	12.3	-0.4	19.5	13	2.4	29	80	14	-18	25	6	..
Baring Head	79	14.7	9.3	12.0	..	..	..	3.1	29	72	11	..	36	5	..
Te Wharau, Brackenfie	292	15.3	5.9	10.6	..	21.0	13	-1.0	30	134	12	..	38	28	..
Martinborough EWS	20	16.2	5.8	11.0	+0.3	21.5	5	-2.2	30	91	14	..	31	28	134
Ngawi AWS	6	15.9	10.1	13.0	-0.1	20.9	12	4.1	29	7	2	..	6	28	..
Hicks Bay AWS	46	17.9	10.8	14.4	+0.5	21.0	3	2.6	30	152	16	+10	42	18	..
Gisborne AWS	5	17.5	7.8	12.7	+0.2	22.4	13	1.0	31	89	15	-7	32	1	159
Gisborne EWS	12	20.8	10.7	15.8	..	27.8	13	3.7	30	55	11	..	16	25	..
Tolaga Bay Wxt AWS	12	17.0	8.6	12.8	..	..	..	1.5	30	..	..	..	..	..	..
Tutira Cws	235	15.7	6.8	11.3	..	23.1	13	0.0	30	56	14	..	20	6	..
Napier Aero AWS	3	17.5	6.5	12.0	+0.0	..	..	-0.2	31	43	14	-33	19	25	..
Hastings AWS	16	17.2	6.5	11.9	..	23.6	13	-2.0	30	59	15	..	19	19	..
Whakatu EWS	5	17.0	5.5	11.3	+0.2	23.4	13	-3.3	30	50	9	..	16	25	..
Waipawa EWS	130	16.2	5.4	10.8	..	21.7	13	-3.5	30	60	12	..	15	6	174
Wairoa, North Clyde E	15	18.6	7.9	13.3	+1.1	24.5	13	1.5	30	73	14	-49	16	25	..
Mahia Radar Wxt AWS	419	14.1	9.5	11.8	..	22.8	13	2.0	29	..	..	..	..	..	..
Mahia AWS	136	16.7	10.4	13.6	+0.7	22.8	13	4.2	29	95	18	-14	20	4	..
Cape Kidnappers Wxt A	118	15.4	11.2	13.3	..	18.7	13	4.0	29	..	..	..	..	..	..
Paraparumu Aero	5	15.9	7.8	11.9	+0.3	20.2	5	-0.5	30	114	12	+31	32	2	133
Paraparumu Aero AWS	5	15.8	7.5	11.7	+0.1	20.2	5	-0.5	30	113	13	+33	31	2	154
Ohakea AWS	50	16.1	7.9	12.0	..	21.5	5	2.4	8	..	..	..	..	..	..
Palmerston North AWS	39	16.3	6.6	11.5	+0.2	22.1	4	-2.0	30	33	20	-41	15	17	..
Palmerston North EWS	21	16.0	6.8	11.4	-0.1	22.0	4	-0.9	30	51	12	-32	17	27	130
Levin AWS	14	16.5	7.5	12.0	+0.6	21.6	5	0.1	30	74	13	-6	24	5	..
Mana Island AWS	100	13.7	9.5	11.6	..	18.3	5	4.0	29	92	15	..	32	5	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	132
Wellington, Kelburn A	125	14.6	9.2	11.9	+0.2	19.9	4	4.0	29	161	20	+50	50	6	..
Wellington Aero	4	15.5	10.1	12.8	+0.3	20.0	5	..	..	119	15	+33	42	6	..
Wallaceville EWS	56	15.7	5.0	10.4	-0.4	20.9	5	-3.2	30	131	18	+21	40	2	134
Stratford EWS	300	14.9	7.6	11.3	+0.9	19.0	4	1.4	30	250	18	+78	55	19	101
Hawera AWS	98	15.4	7.5	11.5	+0.3	19.9	4	1.0	30	125	18	+27	20	19	..
Ohakune EWS	607	14.4	5.0	9.7	+1.4	21.6	13	-2.3	30	124	17	+18	24	25	136
Waiouru Treatment Pla	806	12.6	3.9	8.3	+1.1	19.1	13	-3.5	30	88	16	-6	16	25	..
Waiouru Airstrip AWS	818	11.7	3.1	7.4	..	18.3	13	-4.1	30	72	19	..	14	25	..
Taihape Rec	433	15.4	1.7	8.6	-0.4	22.0	14	-5.0	30	98	15	+19	23	25	..
Flat Hills Wxt AWS	263	15.5	6.9	11.2	..	21.8	13	1.3	30	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	17.0	8.8	12.9	+0.5	21.3	5	3.9	30	76	13	-4	15	17	..
Wanganui AWS	8	16.4	8.6	12.5	+0.1	21.1	5	3.7	8	72	14	-2	17	17	..
Wanganui 2 AWS	18	17.7	7.9	12.8	..	22.5	4	2.6	30	..	..	..	..	..	..
Takaka EWS	20	16.1	5.5	10.8	+0.0	20.0	4	-0.7	30	196	15	+34	54	21	150
Farewell Spit AWS	3	16.2	10.0	13.1	+0.5	19.0	14	4.6	30	148	17	+30	43	22	..
Westport Aero AWS	2	16.2	7.8	12.0	+0.8	19.3	6	-0.4	29	142	19	-29	27	2	..
Arapito	18	16.3	6.7	11.5	+0.3	19.9	4	-1.5	29	108	15	-90	33	2	138
Arapito EWS	18	16.6	6.8	11.7	..	20.2	4	-1.6	29	114	18	..	36	2	..
Murchison Raws	185	13.6	3.9	8.8	-0.6	18.4	20	-4.6	29	63	19	..	20	2	..
Hokitika Aero	39	15.1	6.3	10.7	+0.5	19.7	5	-2.0	29	149	17	-88	39	2	128
Hokitika AWS	38	15.0	6.4	10.7	+0.5	19.5	5	-1.8	29	135	17	-111	34	2	147
Reefton EWS	198	14.8	4.3	9.6	+1.1	18.7	12	-4.2	29	69	15	-98	29	2	121
Greymouth Aero	4	15.6	8.0	11.8	+1.0	18.8	5	-0.8	29	123	14	-74	44	2	137
Greymouth Aero EWS	5	14.8	7.8	11.3	..	18.5	5	-0.8	29	135	16	..	43	2	154
Pigeon Creek Cws	105	13.8	4.7	9.3	..	18.8	5	-2.7	29	227	15	..	75	2	..
Mt Philistine EWS	1655	5.1	-0.3	2.4	..	14.6	12	-8.5	29	210	15	..	75	2	..
Mahanga EWS	1995	3.0	-1.9	0.6	..	12.5	13	-11.9	29	92	15	..	47	2	..
Ivory Glacier Cws	1390	5.9	1.5	3.7	..	13.0	11	-5.8	28	360	21	..	121	2	..

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		A Max	B Min			°C	°C	°C	Date				Min	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs			
Okarito	2	14.8	6.4	10.6	+0.3	19.2	6	-1.9	29	240	19	-18	41	2	..
Franz Josef EWS	80	14.8	5.1	10.0	+0.3	19.3	3	-2.8	29	222	17	..	46	31	151
Haast AWS	5	14.3	6.6	10.5	+0.4	17.6	3	-2.4	29	215	20	..	48	31	..
Milford Sound	3	12.8	4.5	8.7	+0.3	16.9	16	0.4	29	543	17	-54	124	31	..
Milford Sound AWS	3	12.4	4.7	8.6	+0.4	16.9	16	0.2	28	521	22	..	116	31	..
Secretary Island AWS	19	13.7	8.5	11.1	+0.1	17.7	18	2.6	28	277	21	-116	58	30	..
Puysegur Point AWS	44	12.4	8.6	10.5	+0.3	15.9	19	3.8	28	177	26	-51	30	9	..
Motueka, Riwaka EWS	8	16.5	4.1	10.3	+0.2	20.7	26	-2.8	29	126	15	+10	35	21	..
Pelorus Sd, Crail Bay	13	15.7	8.7	12.2	+0.0	19.2	15	2.5	..	184	..	+53	49	5	..
Nelson Aero	2	15.9	6.2	11.1	+0.6	19.6	4	-0.7	29	107	12	+25	25	19	169
Appleby 2 EWS	18	16.3	3.9	10.1	-0.5	20.2	4	-2.3	30	91	13	..	27	21	160
Nelson AWS	4	16.2	6.3	11.3	+0.4	19.3	15	-0.2	30	94	17	..	26	19	..
Blenheim Research EWS	4	16.2	5.8	11.0	+0.1	23.4	14	-1.7	29	94	11	+39	60	5	182
Wairau Valley, Mill R	172	15.4	5.0	10.2	..	23.9	14	-1.8	30	92	12	..	32	5	..
Blenheim Aero AWS	35	16.2	4.4	10.3	+0.1	23.7	14	-2.8	30	102	12	+42	50	5	..
Awatere Valley, Dashw	83	15.3	4.0	9.7	-0.8	20.7	12	-2.0	24	77	13	..	50	5	..
Cape Campbell AWS	2	13.4	9.7	11.6	-0.5	16.2	26	4.1	29	84	11	+29	50	5	..
Hanmer Forest EWS	363	14.0	0.9	7.5	-0.2	23.5	14	-4.7	30	114	14	+23	56	5	..
Kaikoura AWS	105	13.7	8.2	11.0	-0.1	..	..	..	..	54	9	-3	11	19	..
Arthurs Pass	738	10.1	1.7	5.9	+0.5	..	..	-5.4	29	240	17	-137	66	2	..
Arthurs Pass EWS	738	10.0	1.6	5.8	+0.4	17.4	12	-5.4	29	201	19	-179	65	2	..
Culverden AWS	181	13.7	3.5	8.6	..	22.6	14	-2.7	30	..	..	..	..	..	..
Waipara North Branch	560	12.8	3.2	8.0	..	22.0	12	-5.0	28	89	16	..	26	5	..
Cheviot AWS	75	14.4	3.6	9.0	..	23.2	12	-2.2	9	54	13	..	18	5	151
Upper Rakaia EWS	1752	5.1	-0.9	2.1	..	..	..	..	..	122	24	..	32	2	..
Mt Potts EWS	2128	3.1	-3.4	-0.2	..	12.8	12	-13.3	28	59	18	..	16	5	..
Mt Cook EWS	730	10.5	0.0	5.3	-0.9	..	..	..	..	264	21	-101	37	5	86
Snowdon Raws	560	12.5	2.7	7.6	-0.6	21.2	12	-4.6	28	112	14	..	36	5	..
Methven, Three Spring	305	12.7	3.5	8.1	..	23.1	12	-0.6	25	83	17	..	30	5	..
Chertsey Cws	108	13.3	5.0	9.2	..	22.3	12	-0.5	28	92	11	..	41	5	..
Winchmore EWS	160	14.0	3.1	8.6	-0.2	24.7	12	-3.6	28	82	11	+16	32	5	..
Peel Forest	286	13.1	3.1	8.1	+0.1	22.5	12	-1.3	11	148	12	+71	54	5	..
Lismore, Racemans Hou	168	13.3	4.2	8.8	..	23.2	12	-0.9	25	72	11	..	30	5	..
Ashburton Council	101	14.0	4.3	9.2	+0.3	23.3	12	-2.5	4	112	18	+49	50	5	..
Ashburton Aero AWS	89	13.4	4.4	8.9	..	23.1	12	-1.4	28	103	15	..	43	5	152
Wakanui Cws	53	13.7	4.9	9.3	..	22.3	12	-0.6	25	92	13	..	38	5	..
Waipara West EWS	130	14.6	5.2	9.9	..	23.7	12	0.1	25	54	12	..	12	5	..
West Eyreton, Larunde	88	13.1	3.8	8.5	..	20.6	12	-2.0	31	..	..	..	..	..	..
Rangiora EWS	23	15.3	3.2	9.3	+0.3	23.1	12	-3.2	30	32	12	..	9	19	137
Darfield 2 Raws	212	13.7	4.5	9.1	..	..	..	..	..	76	14	..	17	5	..
Darfield	195	13.1	..	..	..	..	..	..	..	..	..	..	..	..	..
Christchurch Aero	37	14.1	4.4	9.3	+0.3	22.5	12	-2.8	30	70	14	+12	18	5	131
Christchurch Gardens	7	14.3	5.5	9.9	+0.1	22.3	12	-1.3	30	109	14	+45	28	5	..
Christchurch, Kyle St	6	14.3	4.8	9.6	-0.1	21.0	12	-2.3	30	117	15	..	32	5	..
Christchurch, New Bri	12	13.7	7.9	10.8	..	19.5	26	..	..	..	..	..	..	..	..
Lincoln, Broadfield E	18	14.0	5.6	9.8	+0.5	22.5	12	-1.3	30	109	13	+51	44	5	..
Sugar Loaf AWS	618	11.5	5.7	8.6	..	..	..	..	..	..	..	..	..	..	..
Lyttelton Harbour	5	14.0	8.5	11.3	+0.7	19.5	4	2.5	29	64	14	..	17	5	..
Leeston Raws	15	14.7	5.4	10.1	..	24.3	12	-1.4	30	82	17	..	31	5	..
Akaroa EWS	45	15.2	8.1	11.7	+1.2	23.8	12	2.3	29	168	15	+76	54	5	123
Le Bons Bay AWS	236	13.2	7.7	10.5	+0.2	20.7	12	0.2	29	147	15	..	30	5	..
Lake Tekapo, Air Safa	762	10.8	0.6	5.7	-0.2	20.9	13	-5.8	28	131	17	+75	43	5	..
Lake Tekapo EWS	762	10.8	0.6	5.7	-0.2	20.8	13	-6.1	28	98	14	..	47	5	141
Fairlie AWS	403	12.4	3.9	8.2	..	20.8	12	-1.0	24	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	11.8	-0.3	5.8	..	21.4	13	-5.7	1	81	10	..	24	5	..
Hakataramea Valley Cw	355	12.7	1.2	7.0	..	22.0	12	-3.5	9	33	10	..	11	18	..
Orari Estate	81	13.3	3.9	8.6	+0.4	19.3	12	-2.1	25	44	11	-14	19	18	..
Orari Estate Cws	81	13.0	4.1	8.6	..	19.8	26	-2.0	25	45	18	..	18	18	..
Timaru Aero AWS	26	13.5	3.1	8.3	+0.1	19.0	12	-3.0	25	40	11	-7	12	18	..
Timaru EWS	17	12.6	4.1	8.4	-0.5	18.5	26	-1.0	28	54	15	+7	17	18	..
Waimate Cws	39	13.7	3.8	8.8	..	..	..	..	..	..	..	..	..	..	..
Oamaru Airport AWS	30	13.3	4.2	8.8	+0.4	18.9	12	-0.6	25	94	12	+52	32	18	..
Albert Burn	1280	6.8	-0.5	3.2	..	17.0	12	-7.2	28	238	25	..	47	25	..

Summary of the records of Temperature, Rainfall and Sunshine May 2013

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			°C	°C	°C	Date				Min	Date	
	Metres	°C	°C	°C	°C	°C	°C	°C		mm		mm	mm		Hrs
Wallis Island, Hihifo	27	30.5	25.3	27.9	..	31.5	13	23.5	5	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.4	25.5	28.0	..	..	..	23.5	3	206	22	..	41	31	..
Samoa,Faleolo	4	31.4	23.3	27.4	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.1	24.5	27.8	..	32.2	30	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.5	26.2	28.4	..	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	30.9	23.9	27.4	..	..	..	21.4	6	..	..	..	..	..	..
Tonga,Keppel	2	30.3	23.8	27.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	28.8	22.3	25.6	..	..	..	16.4	7	..	..	..	..	..	..
Salote Pilelevu Airpo	2	28.5	24.2	26.4	..	..	..	20.0	5	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	28.3	22.2	25.3	..	..	..	..	..	..	..	..	..	..	..
Niue, Hanan Airport O	59	..	23.0	..	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	28.6	..	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	22.9	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.2	23.9	27.6	..	34.7	7	22.5	22	310	18	..	98	21	..
Tahiti - Faa	1	30.7	24.0	27.4	..	31.9	14	22.1	29	..	..	..	..	..	..
Tuamotu, Takaroa	2	28.7	26.8	27.8	..	29.7	9	22.8	25	..	..	..	..	..	..
Tuamotu, Hao	3	29.1	25.0	27.1	..	30.1	15	22.4	1	..	..	..	..	..	..
Tuamotu, Hereheretue	3	28.6	23.9	26.3	..	29.7	16	21.9	3	53	14	..	15	25	..
Gambier, Rikitea	91	25.4	21.7	23.6	..	27.3	15	..	..	..	..	..	..	..	..
Tubuai	2	26.1	21.1	23.6	..	27.9	23	17.7	10	..	..	..	..	..	..
Rapa	1	23.7	18.6	21.2	..	26.3	16	14.1	28	96	15	..	44	24	..
Pitcairn Island AWS	264	22.8	19.6	21.2	..	24.9	21	16.7	28	102	18	..	24	1	..
Raoul Is	38	..	..	..	..	..	..	..	..	..	..	..	..	..	97
Raoul Island AWS	49	21.7	17.3	19.5	..	24.1	21	14.1	30	355	21	..	115	1	..
Enderby Is AWS	40	9.2	5.8	7.5	..	11.6	1	0.0	28	82	29	..	13	4	..
Campbell Island AWS	19	8.3	5.0	6.7	+0.5	10.5	4	0.5	28	75	28	-58	12	25	..
Chatham Island EWS	12	13.7	8.5	11.1	..	17.4	3	2.9	2	107	21	..	28	18	..
Chatham Island Aero A	12	13.7	8.5	11.1	..	17.6	3	3.0	2	121	24	..	30	18	..
Georg Von Neumayer	40	-16.2	-27.7	-22.0	..	-4.0	9	-40.8	7	..	..	..	..	..	..
Ant South Pole	2827	-58.4	-66.8	-62.6	..	-46.5	17	-75.7	6	..	..	..	..	..	..
Halley Bay	30	-23.1	-33.0	-28.1	..	-9.1	9	-44.8	25	..	..	..	..	..	..
Gen Belgrano 2	32	-19.6	-26.2	-22.9	..	-8.4	2	-42.3	25	..	..	..	..	..	..
Bellingshausen	16	-2.7	-4.8	-3.8	..	..	..	..	..	..	..	..	..	..	..
Base Jubany	4	-1.4	-6.0	-3.7	..	..	..	..	..	..	..	..	..	..	..
Dinamet	10	-1.3	-5.4	-3.4	..	..	..	-13.0	24	..	..	..	..	..	..
V C Marambio	198	-11.3	-19.4	-15.4	..	1.2	20	-27.3	24	..	..	..	..	..	..
Eduardo Frei	10	-1.8	-5.6	-3.7	..	..	..	-12.4	24	..	..	..	..	..	..
Arturo Prat	..	-1.5	-4.8	-3.2	..	2.2	20	..	..	..	..	..	..	..	..
Great Wall	10	-1.8	-5.3	-3.6	..	..	..	-11.1	24	..	..	..	..	..	..
Bernado Ohiggins	10	-3.6	-7.4	-5.5	..	..	..	-16.6	8	..	..	..	..	..	..
Palmer Station	8	-0.2	-3.1	-1.7	..	5.2	4	-6.5	9	..	..	..	..	..	..
Rothera Point	16	-3.4	-6.2	-4.8	..	2.8	20	..	..	..	..	..	..	..	..
Argentine Is, Faraday	11	-1.0	-3.9	-2.5	..	4.9	5	-7.3	26	..	..	..	..	..	..
Gen San Martin	4	-2.9	-6.5	-4.7	..	..	..	..	..	..	..	..	..	..	..
King Sejong	11	-1.6	-4.7	-3.2	..	..	..	-12.3	24	..	..	..	..	..	..
Novolax Arevskaja	99	-14.3	-18.1	-16.2	..	-7.4	14	-27.4	23	..	..	..	..	..	..
Mawson	16	-16.6	-22.4	-19.5	..	-9.6	13	-28.7	31	..	..	..	..	..	..
Davis	13	-13.0	-20.8	-16.9	..	-4.9	16	-35.8	30	..	..	..	..	..	..
Progress	64	-13.6	-18.2	-15.9	..	-6.0	16	-30.7	28	..	..	..	..	..	..
Mirnyj	30	-13.4	-17.2	-15.3	..	..	..	-26.3	28	..	..	..	..	..	..
Vostok	3420	-65.1	-69.5	-67.3	..	..	..	-75.7	8	..	..	..	..	..	..
Casey	41	-8.4	-14.9	-11.7	..	-1.0	9	-22.4	1	..	..	..	..	..	..
Durmont Durville	43	-13.2	-19.0	-16.1	..	-7.3	10	-32.5	27	..	..	..	..	..	..
Mcmurdo	24	-16.8	-24.2	-20.5	..	..	..	..	..	..	..	..	..	..	..
Ant Scott Base	22	-18.2	-27.5	-22.9	..	-7.2	17	-44.2	9	..	..	..	..	..	..
Ant Arrival Heights E	218	-19.6	-26.4	-23.0	..	-9.5	17	-37.3	7	..	..	..	..	..	..
Ant Scott Base EWS	22	-18.7	-28.1	-23.4	..	-6.1	17	-44.2	9	..	..	..	..	..	..
Darwin Airport	31	32.2	17.3	24.8	..	35.2	2	14.1	30	31	6	..	21	23	..
Hobart Airport	4	22.1	6.6	14.4	..	34.0	22	2.0	20	20	9	..	6	16	..

Summary of the records of Temperature, Rainfall and Sunshine — Late returns

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Differ—ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ—ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Late returns and corrections for April 2013															
Tarapounamu EWS	701	16.2	7.7	12.0	..	22.6	2	2.4	8	135	14	..	38	21	..
Auckland, Mangere EWS	5	20.8	12.6	16.7	+0.5	24.8	2	5.8	8	98	16	+13	25	15	170
Whakatu EWS	5	20.8	9.3	15.1	+1.5	28.2	3	1.9	11	73	13	..	18	20	..
Palmerston North EWS	21	19.2	11.2	15.2	+1.3	24.9	3	1.9	11	128	18	+59	27	8	113
Mana Island	2	18.5	12.8	15.7	+1.1	22.0	3	5.9	11	65	16	+2	22	20	..
Mahanga EWS	1995	5.3	0.6	3.0	..	10.1	14	-3.4	7	222	24	..	49	3	..
Rangiora EWS	23	18.9	6.3	12.6	+0.7	27.1	1	-0.3	10	39	12	..	9	19	134
Darfield 2 Raws	212	17.1	7.2	12.2	..	25.9	2	1.8	10	102	15	..	29	20	..
Timaru EWS	17	15.8	7.9	11.9	+0.3	24.3	28	3.1	11	60	11	+18	16	21	..
Windsor EWS	81	16.8	5.7	11.3	+0.5	25.2	15	-0.2	10	52	11	+18	20	21	..
Late returns and corrections for March 2013															
Kaitaia Aero EWS	80	24.3	14.8	19.6	+0.9	26.9	11	11.4	24	30	9	-56	10	17	..
Tarapounamu EWS	701	20.0	9.3	14.7	..	24.3	2	5.3	21	50	6	..	20	19	..
Auckland, Mangere EWS	5	24.0	15.0	19.5	+1.0	27.3	12	11.1	21	48	7	-38	27	31	224
Mahanga EWS	1995	10.8	5.1	8.0	..	18.9	1	-1.4	20	205	13	..	123	17	..
Stewart Is	3	17.8	9.2	13.5	+1.4	..	..	..	..	..	..	..	..	..	..
Balclutha, Finegand	6	20.9	8.7	14.8	+1.5	..	..	..	..	..	..	..	..	..	139
Late returns and corrections for February 2013															
Tarapounamu EWS	701	21.2	9.4	15.3	..	26.8	21	4.2	6	29	5	..	17	4	..
Mahanga EWS	1995	14.1	6.7	10.4	..	19.4	1	-3.1	5	93	4	..	74	4	..
Stewart Is	3	18.3	9.4	13.9	+0.6	..	..	..	..	..	..	..	..	..	..
Balclutha, Finegand	6	21.7	9.6	15.7	+0.9	..	..	..	..	..	..	..	..	..	176
Late returns and corrections for January 2013															
Tarapounamu EWS	701	21.3	9.1	15.2	..	27.5	7	3.4	19	40	9	..	20	15	..
Mahanga EWS	1995	11.2	3.7	7.5	..	23.5	6	-3.6	18	365	18	..	119	2	..
Late returns and corrections for December 2012															
Tarapounamu EWS	701	20.0	9.8	14.9	..	24.9	25	1.8	1	95	19	..	34	6	..
Mahanga EWS	1995	10.7	3.0	6.9	..	17.7	25	-5.2	1	385	19	..	56	26	..
Late returns and corrections for November 2012															
Tarapounamu EWS	701	16.4	4.7	10.6	..	24.4	27	-0.6	7	67	13	..	28	17	..
Mahanga EWS	1995	7.2	-1.6	2.8	..	14.4	9	-8.2	4	72	19	..	18	3	..
Late returns and corrections for October 2012															
Tarapounamu EWS	701	13.9	3.5	8.7	..	22.7	31	-1.9	24	137	16	..	35	21	..
Mahanga EWS	1995	2.9	-4.0	-0.6	..	13.6	29	-8.7	7	289	26	..	57	12	..
Late returns and corrections for September 2012															
Tarapounamu EWS	701	11.6	2.8	7.2	..	18.6	29	-2.8	13	166	14	..	51	16	..
Mahanga EWS	1995	3.3	-3.7	-0.2	..	13.9	29	-10.8	12	175	18	..	42	6	..
Late returns and corrections for August 2012															
Tarapounamu EWS	701	10.7	3.0	6.9	..	13.4	10	-0.7	24	152	19	..	33	12	..
Mahanga EWS	1995	2.8	-3.2	-0.2	..	8.8	30	-6.3	28	83	22	..	13	26	..
Late returns and corrections for July 2012															
Tarapounamu EWS	701	10.0	2.4	6.2	..	17.0	19	-0.6	13	160	17	..	48	15	..
Mahanga EWS	1995	3.7	-2.5	0.6	..	13.8	19	-6.3	17	202	11	..	157	14	..
Late returns and corrections for June 2012															
Tarapounamu EWS	701	9.6	2.0	5.8	..	14.1	6	-2.2	13	132	13	..	36	6	..
Mahanga EWS	1995	0.2	-5.6	-2.7	..	9.5	1	-10.4	15	74	11	..	46	5	..
Late returns and corrections for May 2012															
Tarapounamu EWS	701	11.5	3.2	7.4	..	15.0	12	-1.1	30	161	15	..	44	8	..
Mahanga EWS	1995	4.2	-2.0	1.1	..	11.8	6	-8.9	17	110	22	..	45	27	..

Summary of the records of Temperature, Rainfall and Sunshine — Late returns

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall				Bright Sun-shine	
		Means of		Mean of A and B	Differ-ence From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Differ-ence From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall		Date
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Late returns and corrections for April 2012															
Tarapounamu EWS	701	14.3	7.3	10.8	..	21.9	9	4.5	22	87	11	..	35	11	..
Mahanga EWS	1995	8.4	1.5	5.0	..	..	..	..	..	99	7	..	30	27	..
Late returns and corrections for March 2012															
Mahanga EWS	1995	7.0	0.4	3.7	..	14.5	9	-6.0	26	137	17	..	44	24	..
Late returns and corrections for February 2012															
Mahanga EWS	1995	8.9	3.0	6.0	..	13.4	4	-2.2	25	209	18	..	76	22	..
Late returns and corrections for January 2012															
Mahanga EWS	1995	9.4	1.7	5.6	..	16.3	25	-5.7	23	264	21	..	85	13	..

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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