

OCTOBER 2012

Summary of the records of Temperature, Rainfall and Sunshine October 2012

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun— shine Hrs
		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	B			Max	Date	Min	Date				Fall	Date	
		°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	mm	
Cape Reinga AWS	214	16.4	11.3	13.9	-0.6	20.1	30	8.9	24	50	14	-11	17	10	..
Kaitaia Aero EWS	80	18.0	10.6	14.3	-0.2	23.1	30	5.5	24	52	14	-41	15	10	..
Kaitaia Observatory	85	17.7	9.8	13.8	..	22.1	30	5.7	20	63	19	-36	14	10	218
Kaitaia EWS	85	17.5	10.4	14.0	-0.4	21.8	30	5.9	20	59	18	-32	13	10	216
Kerikeri EWS	79	19.5	8.9	14.2	+0.0	22.1	31	3.9	24	69	16	-62	18	13	..
Kerikeri Aerodrome Aw	150	18.7	9.1	13.9	-0.1	21.9	27	4.4	20	76	23	-51	14	10	..
Kaikohe AWS	204	17.9	10.4	14.2	+0.7	22.5	27	5.7	24	62	19	-38	10	22	..
Trounson Cws	220	15.7	8.6	12.2	..	19.5	30	2.9	24	85	31	-50	12	28	..
Dargaville 2 EWS	66	17.3	10.5	13.9	-0.4	21.2	8	5.6	24	58	17	-28	11	28	187
Purerua AWS	82	18.4	10.2	14.3	..	20.8	31	6.3	24	68	14	..	17	8	..
Whangarei Aero AWS	37	18.9	10.4	14.7	+0.0	22.6	28	5.0	24	37	18	-47	7	18	..
Mokohinau AWS	60	16.8	12.4	14.6	-0.3	19.1	26	10.6	15	47	13	-13	11	29	..
Leigh 2	27	19.5	11.1	15.3	+0.6	23.1	27	8.4	24	54	20	-29	13	29	..
Warkworth EWS	72	17.5	9.1	13.3	-0.2	21.0	27	3.4	25	49	17	-59	8	29	..
Whangaparaoa AWS	89	17.4	10.7	14.1	-0.5	20.2	27	8.5	20	42	19	-36	8	21	..
Whenuapai AWS	26	17.6	9.5	13.6	-0.1	21.9	8	2.4	24	..	..	..	..	..	..
Auckland, North Shore	64	17.0	8.8	12.9	..	20.8	30	2.5	24	57	19	..	17	21	211
Auckland, Henderson,	7	18.9	9.7	14.3	-0.1	23.3	30	3.2	24	92	17	-27	21	21	..
Musick Pt Ews, Auckla	18	17.7	10.4	14.1	+0.0	20.5	29	7.4	24	..	..	..	..	..	..
Waiheke Island, Awaro	34	18.0	8.9	13.5	..	21.6	30	3.4	25	88	13	-9	21	21	..
Whitianga Aero AWS	5	18.1	9.5	13.8	-0.1	22.3	31	3.3	25	98	16	-41	19	28	..
Thames 2	3	18.0	9.7	13.9	-0.3	21.5	30	3.6	..	78	..	-15	15	8	..
Paeroa AWS	18	18.2	8.4	13.3	-0.6	21.8	31	1.7	24	82	18	-9	19	21	..
Toenepi EWS	48	17.6	7.9	12.8	-0.7	23.5	30	1.2	24	82	17	..	34	21	..
Matamata, Hinuera EWS	106	17.3	6.2	11.8	-0.8	22.7	30	0.4	20	..	..	..	..	..	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	236
Tauranga Aero AWS	4	18.3	9.5	13.9	-0.2	21.5	31	3.3	24	58	16	-31	18	21	..
Te Puke EWS	91	18.5	7.7	13.1	-0.2	23.5	27	0.4	24	89	10	-53	25	13	..
Whakatane Aero AWS	7	18.4	7.3	12.9	-0.5	22.4	29	0.9	24	49	9	-50	20	13	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	246
Mamaku Radar Wxt AWS617	12.7	6.1	9.4	..	18.3	30	2.3	7	..	..	..	..	..	..	..
Kawerau AWS	42	19.7	7.3	13.5	..	24.8	30	0.4	24	..	..	..	..	..	221
Rotorua Aero AWS	283	16.1	6.3	11.2	-0.8	21.2	31	-1.1	24	59	18	-51	18	21	..
Galatea AWS	174	17.4	5.0	11.2	..	22.7	27	-0.9	24	..	..	..	..	..	..
Taupo Wxt AWS	385	16.0	7.2	11.6	..	23.7	31	-0.2	24	..	..	..	..	..	..
Tarapounamu EWS	701	14.8	2.7	8.8	..	26.4	27	-4.2	2	137	16	..	35	21	..
Taupo AWS	400	15.4	5.9	10.7	-0.4	21.9	31	-3.1	24	71	16	-15	22	21	..
Opotiki	5	17.4	7.0	12.2	-1.1	23.0	29	1.1	24	92	8	-6	26	13	..
Motu EWS	488	15.3	4.9	10.1	-0.1	21.1	27	-1.9	24	236	17	+29	64	13	..
Otamatuna, Te Mapou H	624	14.1	4.0	9.1	..	20.6	27	-0.9	24	197	18	..	80	8	..
Auckland, Mangere EWS	5	17.6	10.8	14.2	-0.2	21.8	30	4.9	24	62	18	-29	17	21	182
Pakuranga, Auckland R	15	19.2	10.1	14.7	+0.5	24.1	30	3.1	24	..	..	..	..	..	..
Penrose Ews, Auckland	30	17.8	9.3	13.6	-0.6	21.8	30	3.9	24	..	..	..	..	..	..
Auckland Aero	33	17.8	10.9	14.4	-0.1	21.3	29	5.4	24	69	20	-25	15	21	..
Pukekohe EWS	88	17.4	9.4	13.4	-0.1	22.3	30	4.1	25	71	20	-49	18	28	..
Firth Of Thames EWS	1	19.9	8.1	14.0	..	23.6	30	1.0	24	79	18	..	15	28	..
Whatawhata 2 EWS	118	16.5	8.9	12.7	-0.4	22.8	30	1.7	24	142	19	-7	34	21	..
Hamilton, Ruakura 2 E	45	16.5	6.3	11.4	-1.8	24.3	16	-0.1	24	90	16	-1	23	21	177
Hamilton AWS	53	17.5	7.3	12.4	-0.6	22.8	29	0.3	24	117	21	+19	24	21	..
Lake Karapiro Cws	55	17.2	8.4	12.8	..	23.3	30	2.9	24	58	19	..	17	21	..
Port Taharoa AWS	27	17.3	10.8	14.1	+0.0	22.1	29	5.0	24	104	19	..	28	21	..
Waikeria 2	46	18.0	7.1	12.6	-0.4	25.6	30	0.8	25	91	..	-11	31	8	..
Te Kuiti EWS	62	17.3	6.8	12.1	-0.9	24.6	29	0.0	24	138	19	+0	31	21	199
Pureora Forest Cws	549	13.6	4.6	9.1	..	21.1	30	-2.4	24	196	22	..	58	21	..
Taumarunui	171	16.9	6.7	11.8	-0.6	23.8	30	0.4	24	144	23	-5	40	21	..
Taumarunui AWS	195	16.8	5.8	11.3	..	25.7	30	-1.5	24	144	23	..	35	21	184
Turangi 2 EWS	350	16.0	5.0	10.5	-0.8	24.6	31	-2.8	24	134	16	-13	34	13	187
New Plymouth AWS	30	16.2	9.2	12.7	+0.0	20.6	29	1.0	24	137	22	+12	30	17	226
Lower Retaruke Cws	233	17.0	6.5	11.8	..	24.7	30	-0.7	24	139	20	-13	26	13	..
Mt Ruapehu, Chateau E	1097	9.5	0.6	5.1	-1.3	19.8	31	-5.6	24	333	23	+53	55	13	..
Pahiatua EWS	110	15.8	7.7	11.8	..	23.2	30	0.1	24	134	20	..	37	13	..
Alfredton Raws	240	17.2	8.0	12.6	..	23.7	30	-1.4	7	103	21	..	16	13	..
Masterton Aero AWS	138	17.7	6.5	12.1	..	23.3	30	-0.5	20	50	17	..	15	13	..

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		A	B			Max	Date	Min	Date				Fall	Date	
		°C	°C	°C	°C	°C	°C	mm	mm	mm	mm				
Masterton, Te Ore Ore	110	19.2	7.9	13.6	..	24.1	30	0.6	20	39	13	-58	11	13	..
Kopua	311	16.6	6.8	11.7	+0.0	22.4	31	-1.0	24	43	12	-47	8	6	..
Takapau Plains AWS	330	15.5	6.4	11.0	-0.4	21.0	31	0.5	5	48	19	..	7	6	..
Dannevirke	207	16.5	6.9	11.7	-0.3	22.0	13	-1.0	24	55	17	-46	11	13	163
Dannevirke EWS	207	15.4	7.0	11.2	..	21.2	13	-1.3	24	61	18	..	18	13	163
Waione Raws	48	17.9	8.1	13.0	-0.4	24.0	30	-0.5	24	62	19	-57	15	13	..
Cape Turnagain AWS	292	13.6	8.5	11.1	..	19.4	31	4.0	7	..	..	..	..	..	..
Akitio EWS	245	14.7	7.8	11.3	..	20.1	31	2.6	24	56	14	..	8	13	209
Castlepoint Station	9	17.5	9.7	13.6	+0.3	22.7	31	4.4	20	36	8	-41	12	4	..
Castlepoint AWS	120	16.1	9.2	12.7	-0.3	21.4	31	4.5	20	33	12	-49	9	4	..
Baring Head	79	14.8	9.3	12.1	..	18.9	30	3.1	20	26	12	..	10	13	..
Te Wharau, Brackenfie	292	16.6	6.1	11.4	..	23.2	31	0.3	20	39	9	..	14	13	..
Martinborough EWS	20	16.9	7.2	12.1	+0.0	25.2	31	0.2	16	55	12	..	19	13	194
Ngawi AWS	6	17.1	10.6	13.9	+0.2	24.3	31	5.3	20	34	10	..	12	13	..
Hicks Bay AWS	46	17.2	10.5	13.9	+0.1	20.1	11	5.3	24	55	11	-58	12	21	..
Gisborne AWS	5	19.8	8.2	14.0	+0.1	26.8	27	2.8	24	14	10	-56	6	23	249
Tolaga Bay Wxt AWS	12	18.1	8.9	13.5	..	22.8	28	3.8	20	..	..	..	..	..	..
Napier Aero AWS	3	19.9	7.7	13.8	+0.2	25.9	21	2.0	24	24	8	-47	10	23	..
Hastings AWS	16	19.5	7.0	13.3	..	24.3	13	-0.2	24	15	12	..	5	6	..
Whakatu EWS	5	18.9	5.7	12.3	-0.4	24.5	13	-0.4	20	8	9	..	3	6	..
Waipawa EWS	130	17.8	5.8	11.8	..	24.5	31	-0.5	24	18	10	..	3	13	220
Wairoa, North Clyde E	15	20.4	8.2	14.3	+0.4	26.0	27	3.5	7	38	9	-51	13	23	..
Mahia Radar Wxt AWS	419	14.5	8.6	11.6	..	20.4	27	4.1	7	..	..	..	..	..	..
Mahia AWS	136	17.7	9.7	13.7	+0.4	22.9	28	5.4	15	25	11	-54	11	23	..
Cape Kidnappers Wxt A	118	16.1	10.2	13.2	..	21.9	21	5.7	7	..	..	..	..	..	..
Paraparaumu Aero	5	16.3	9.5	12.9	+0.5	20.7	29	0.0	7	73	13	-35	20	8	204
Paraparaumu Aero AWS	5	16.2	9.3	12.8	+0.4	20.7	29	-0.1	7	70	13	-46	19	8	219
Ohakea AWS	50	16.1	8.9	12.5	..	21.7	30	2.8	24	..	..	..	..	..	..
Palmerston North AWS	39	16.9	7.8	12.4	+0.0	23.7	30	0.2	24	76	18	-8	31	13	..
Palmerston North EWS	21	16.1	7.8	12.0	-0.5	22.7	30	-0.3	24	64	19	-31	27	13	134
Levin AWS	14	15.9	8.6	12.3	-0.2	20.4	29	0.8	24	73	19	-33	17	13	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	212
Wellington, Kelburn A	125	15.3	9.2	12.3	+0.3	19.8	30	3.5	20	71	16	-47	21	13	..
Wellington Aero	4	16.2	10.1	13.2	+0.3	21.1	30	3.9	20	46	14	-49	17	13	..
Wallaceville EWS	56	15.9	6.8	11.4	-0.4	21.3	30	-1.1	20	105	15	-31	30	13	175
Stratford EWS	300	14.8	6.8	10.8	-0.1	19.1	30	..	..	171	19	-47	37	13	187
Hawera AWS	98	15.6	8.5	12.1	+0.2	18.2	21	0.3	24	58	18	-52	12	13	..
Waiouru Treatment Pla	806	12.6	2.6	7.6	-0.8	20.6	30	-3.5	24	112	20	+12	24	1	..
Waiouru Airstrip AWS	818	12.1	2.5	7.3	..	..	..	-4.5	24	102	20	..	22	1	..
Flat Hills Wxt AWS	263	15.2	7.8	11.5	..	20.3	30	0.7	24	..	..	..	..	..	..
Wanganui, Spriggens Pa	15	17.2	9.7	13.5	+0.2	..	..	..	..	53	16	-35	17	13	..
Wanganui AWS	8	16.6	9.3	13.0	+0.0	20.4	29	3.4	24	59	17	-34	19	13	..
Wanganui 2 AWS	18	17.4	9.2	13.3	..	22.2	29	2.5	24	..	..	..	..	..	..
Takaka EWS	20	18.1	6.3	12.2	+0.0	22.8	21	2.1	20	238	15	+40	114	12	237
Farewell Spit AWS	3	16.8	9.6	13.2	+0.1	23.6	31	5.3	7	38	19	-60	7	13	..
Westport Aero AWS	2	15.0	7.7	11.4	-0.4	..	..	..	..	296	24	+87	43	8	..
Arapito	18	15.3	7.4	11.4	-0.6	19.4	8	3.7	7	289	22	+57	42	13	173
Arapito EWS	18	15.5	7.5	11.5	..	19.5	8	3.8	7	262	24	..	39	13	..
Murchison Raws	185	16.1	5.3	10.7	-1.1	..	..	..	..	..	..	..	..	..	..
Hokitika Aero	39	13.7	6.7	10.2	-0.9	17.0	29	1.5	7	507	27	+232	83	8	155
Hokitika AWS	38	14.0	7.1	10.6	-0.5	17.3	29	1.6	7	424	28	+151	67	8	176
Reefton EWS	198	15.1	5.5	10.3	-0.9	24.9	29	1.2	24	289	24	+93	47	8	127
Greymouth Aero	4	14.5	7.7	11.1	-0.5	16.8	31	3.1	7	321	26	+96	47	13	135
Greymouth Aero EWS	5	13.8	7.7	10.8	..	15.9	28	2.9	7	336	27	..	47	13	163
Pigeon Creek Cws	105	13.4	6.1	9.8	..	22.6	29	-0.2	7	737	27	..	116	27	..
Mt Philistine EWS	1655	3.3	-3.1	0.1	..	11.6	29	-6.6	23	709	27	..	154	12	..
Ivory Glacier Cws	1390	4.0	-2.3	0.9	..	8.9	29	-7.6	23	966	29	..	292	12	..
Okarito	2	13.5	6.4	10.0	-1.2	16.1	28	-0.6	7	482	25	+169	96	12	..
Franz Josef	155	13.8	5.2	9.5	-0.9	19.6	29	1.5	7	634	..	+39	190	12	..
Franz Josef EWS	80	13.6	5.6	9.6	-0.9	18.0	29	-0.2	7	625	27	..	140	12	125
Haast AWS	5	12.9	5.6	9.3	-1.0	15.7	9	2.1	7	445	24	..	72	12	..
Milford Sound	3	13.3	4.9	9.1	-1.0	17.0	29	0.6	7	841	23	+201	131	24	..
Milford Sound AWS	3	13.7	4.8	9.3	-1.1	17.6	29	0.1	7	836	25	..	134	24	..

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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			
Secretary Island AWS	19	12.9	6.9	9.9	-1.0	21.0	9	3.6	22	526	29	+183	119	11	..
Puysegur Point AWS	44	11.5	7.0	9.3	-0.8	14.2	17	3.5	15	287	30	+101	38	17	..
Motueka, Riwaka EWS	8	19.3	5.3	12.3	+0.1	24.5	31	-0.2	7	77	17	-40	24	8	..
Pelorus Sd, Craill Bay	13	17.4	9.0	13.2	+0.2	21.9	30	3.5	7	157	18	-35	47	12	..
Nelson Aero	2	17.4	7.7	12.6	+0.2	21.9	25	1.8	7	73	15	-14	25	8	262
Appleby 2 EWS	18	17.6	6.2	11.9	-0.3	23.7	31	0.5	24	63	14	..	31	8	251
Nelson AWS	4	17.5	7.8	12.7	+0.2	20.6	25	2.5	7	61	15	..	19	8	..
Blenheim Research EWS	4	18.7	7.5	13.1	+0.2	23.2	21	0.8	20	53	13	-10	31	13	240
Wairau Valley, Mill R	172	17.4	7.2	12.3	..	24.9	31	0.2	7	138	19	..	39	13	..
Blenheim Aero AWS	35	18.3	6.3	12.3	+0.0	23.1	30	-1.5	7	74	12	+8	38	13	..
Brothers Island AWS	68	15.4	10.7	13.1	+0.6	19.0	11	6.2	20	42	13	..	15	13	..
Awatere Valley, Dashw	83	17.2	6.2	11.7	-0.6	22.1	21	-1.6	7	38	10	..	19	13	..
Grassmere Salt Works	2	18.2	10.1	14.2	+0.9	23.3	3	3.3	7	36	8	-6	19	13	..
Cape Campbell AWS	2	14.7	9.9	12.3	+0.1	17.6	21	5.5	20	30	8	-12	13	13	..
Hanmer Forest EWS	363	16.7	2.7	9.7	-0.5	24.7	31	-4.9	7	99	13	-4	28	13	..
Kaikoura Aero	5	16.9	5.9	11.4	..	..	..	..	..	..	..	..	..	..	..
Kaikoura AWS	105	15.9	7.9	11.9	+0.2	21.7	27	3.9	20	28	8	-35	14	13	..
Arthurs Pass	738	10.0	1.9	6.0	-1.2	..	..	-3.2	..	788	..	+305	154	12	..
Arthurs Pass EWS	738	9.8	1.9	5.9	-1.1	19.7	29	-3.1	7	806	26	+288	144	12	..
Culverden AWS	181	16.7	5.9	11.3	..	25.2	31	-1.1	7	..	..	..	..	..	..
Waipara North Branch	560	13.9	4.5	9.2	..	22.3	31	-2.8	7	110	15	..	27	13	..
Waiau School Cws	136	18.4	6.0	12.2	..	28.2	31	-0.8	7	63	11	..	27	13	..
Cheviot EWS	75	17.5	5.4	11.5	..	24.3	27	-0.1	20	37	9	..	15	13	216
Upper Rakaia EWS	1752	4.1	-3.3	0.4	..	16.4	31	-7.7	14	275	26	..	72	12	..
Mt Cook EWS	765	12.3	1.7	7.0	-1.6	21.4	30	-3.7	14	597	23	+181	139	12	132
Snowdon Raws	560	14.5	4.1	9.3	-0.8	22.5	31	-2.7	7	158	17	..	36	8	..
Methven, Three Spring	305	15.2	4.6	9.9	..	21.3	27	-0.6	7	122	12	..	33	8	..
Methven Cws	313	15.5	5.3	10.4	..	22.1	27	0.2	7	124	12	..	37	13	..
Chertsey Cws	108	16.1	5.5	10.8	..	22.6	27	0.2	7	100	9	..	45	13	..
Peel Forest	286	16.3	3.1	9.7	-0.5	23.6	31	-2.5	7	158	15	+56	48	8	..
Ashburton Council	101	17.5	5.8	11.7	+0.0	24.5	17	0.0	20	93	11	+34	46	13	..
Ashburton Aero AWS	89	16.2	4.8	10.5	..	23.4	17	..	..	111	15	..	47	13	230
Wakanui Cws	53	16.0	5.7	10.9	..	23.1	17	1.2	20	102	12	..	44	13	..
Waipara West EWS	130	17.1	6.7	11.9	..	23.4	30	2.1	20	45	12	..	19	13	..
West Eyreton, Larunde	88	16.3	4.2	10.3	..	22.6	27	-1.4	20	..	..	..	..	..	..
Rangiora EWS	23	17.4	5.5	11.5	+0.2	24.8	17	0.0	20	49	12	..	22	13	239
Darfield 2 Raws	212	17.1	5.3	11.2	..	23.8	27	-0.5	7	90	13	..	34	13	..
Christchurch Aero	37	16.9	4.8	10.9	-0.5	24.4	27	-1.5	23	55	10	+6	32	13	212
Christchurch Gardens	7	17.3	6.6	12.0	-0.2	24.3	17	0.7	23	64	12	+11	36	13	..
Christchurch, Kyle St	6	18.6	6.3	12.5	+0.5	26.0	17	-0.3	23	65	11	..	37	13	..
Christchurch, New Bri	12	15.1	8.6	11.9	..	23.2	17	3.6	23	..	..	..	..	..	..
Lincoln, Broadfield E	18	16.5	5.9	11.2	-0.3	23.4	17	-1.0	23	70	10	+19	35	13	..
Sugar Loaf AWS	618	13.7	5.0	9.4	..	20.3	17	0.4	23	..	..	..	..	..	..
Lyttelton Harbour	5	15.7	8.5	12.1	-0.5	23.1	17	4.0	23	27	12	..	10	13	..
Leeston Raws	15	18.2	5.8	12.0	..	24.5	27	0.1	16	83	15	..	33	13	..
Dorie Cws @ Leferinks	55	16.9	6.2	11.6	..	23.4	31	1.1	20	29	13	..	10	8	..
Akaroa EWS	45	16.7	7.3	12.0	-0.3	23.6	17	3.2	20	106	14	+24	49	13	220
Le Bons Bay AWS	236	15.0	6.4	10.7	+0.2	22.0	17	2.0	20	71	13	..	30	13	..
Lake Tekapo, Air Safa	762	13.4	1.8	7.6	-1.2	21.4	30	-6.5	14	99	11	+50	29	13	..
Lake Tekapo EWS	762	13.2	1.6	7.4	-1.4	20.5	30	-8.3	14	103	11	..	26	12	216
Fairlie AWS	403	14.8	4.6	9.7	..	22.3	31	-0.6	20	..	..	..	..	..	..
Pukaki Aerodrome AWS	473	16.2	2.5	9.4	..	24.9	30	-2.9	7	88	10	..	31	12	..
Hakataramea Valley Cw	355	15.7	4.1	9.9	..	22.6	31	-1.5	20	74	9	..	19	21	..
Orari Estate	81	16.8	4.4	10.6	-0.3	25.7	31	-0.4	20	131	10	+75	44	8	..
Orari Estate Cws	81	16.3	4.5	10.4	..	24.9	31	-0.5	20	130	10	..	43	8	..
Timaru Aero AWS	26	16.7	3.9	10.3	-0.1	25.5	31	-1.4	20	75	8	+26	25	13	..
Timaru EWS	17	15.1	5.6	10.4	-0.7	..	..	..	..	93	12	+47	35	13	..
Waimate Cws	39	15.5	5.9	10.7	..	24.2	27	0.0	20	77	12	..	21	21	..
Oamaru Airport AWS	30	14.9	5.0	10.0	-0.3	23.0	5	-1.3	20	72	12	+39	24	13	..
Albert Burn	1280	7.3	-1.4	3.0	..	16.1	29	-7.8	14	359	24	..	60	12	..
Eglinton, Knobs Flat	365	12.8	2.9	7.9	..	22.3	29	-2.1	7	330	21	..	47	20	..
Tara Hills AWS	488	15.3	2.7	9.0	-0.8	23.6	30	-2.2	7	50	11	+12	22	12	..
Wanaka Aero AWS	352	14.8	4.7	9.8	-0.7	22.6	30	-0.6	7	42	12	-6	10	12	..



Summary of the records of Temperature, Rainfall and Sunshine October 2012

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	°C	mm		mm	mm		Hrs
Fiji, Nausori Aero	6	28.5	22.1	25.3	..	32.8	25	17.0	2	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.6	24.8	27.7	..	31.4	3	23.1	5	..	..	..	..	..	..
Maopopo, Futuna Isla	36	30.3	25.1	27.7	..	..	..	23.4	8	250	24	..	37	4	..
Tonga, Queen Lavinia	60	..	23.5	..	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	27.8	22.3	25.1	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	27.0	22.8	24.9	..	..	..	..	..	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	27.0	20.8	23.9	..	29.5	24	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	27.0	21.4	24.2	..	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	7	27.0	21.3	24.2	..	29.2	2	..	..	57	8	..	33	6	..
Vanuatu, Saratamata	18	..	21.7	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	30.7	22.9	26.8	..	33.0	13	22.1	11	80	21	..	17	22	..
Tahiti - Faaa	1	29.7	22.5	26.1	..	31.2	18	19.6	1	..	..	..	..	..	..
Tuamotu, Takaroa	2	28.3	26.1	27.2	..	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hao	3	28.5	23.8	26.2	..	29.9	19	21.4	26	..	..	..	..	..	..
Tuamotu, Hereheretue	3	28.1	22.5	25.3	..	30.2	21	19.4	7	16	6	..	11	14	..
Gambier, Rikitea	91	24.3	19.9	22.1	..	27.3	18	17.2	3	75	18	..	24	21	..
Tubuai	2	24.9	18.6	21.8	..	27.0	31	13.8	2	..	..	..	..	..	..
Rapa	1	21.5	16.3	18.9	..	24.7	29	12.9	15	110	9	..	71	12	..
Pitcairn Is	264	21.7	16.7	19.2	..	23.9	31	15.1	2	166	..	..	36	31	168
Raoul Island AWS	49	21.6	15.5	18.6	..	24.1	11	11.3	3	74	18	..	22	25	..
Enderby Is AWS	40	9.1	3.6	6.4	..	11.9	27	0.8	21	87	27	..	10	2	..
Campbell Island AWS	19	8.2	2.7	5.5	-0.9	11.3	27	-0.7	15	85	30	-32	11	18	..
Chatham Islands AWS	48	13.6	7.9	10.8	+0.3	15.9	27	3.4	24	54	16	-8	13	13	..
Chatham Island EWS	14	15.4	7.4	11.4	..	18.5	11	3.1	27	42	14	..	14	13	..
Chatham Island Aero A	12	15.7	7.4	11.6	..	18.7	11	3.2	27	53	21	..	14	13	..
Georg Von Neumayer	40	-12.2	-19.5	-15.9	..	-4.7	28	-31.9	3	..	..	..	..	..	..
Ant South Pole	2827	-48.9	-54.0	-51.5	..	-39.9	17	-64.2	10	..	..	..	..	..	..
Halley Bay	30	-13.1	-20.7	-16.9	..	-6.6	27	-31.5	7	..	..	..	..	..	..
Gen Belgrano 2	32	-8.2	-16.5	-12.4	..	..	..	..	..	..	..	..	..	..	..
Bellingshausen	16	-2.1	-5.8	-4.0	..	2.3	3	-16.2	23	..	..	..	..	..	..
Base Jubany	4	-0.6	-5.3	-3.0	..	6.0	3	-12.2	20	..	..	..	..	..	..
Dinamet	10	-1.2	-5.7	-3.5	..	3.8	1	-15.5	22	..	..	..	..	..	..
V C Marambio	198	-5.3	-13.1	-9.2	..	8.5	10	-20.0	22	..	..	..	..	..	..
Eduardo Frei	10	-1.8	-5.3	-3.6	..	..	..	-11.8	22	..	..	..	..	..	..
Arturo Prat	..	-1.4	-4.9	-3.2	..	3.2	9	-12.5	22	46	18	..	11	23	..
Great Wall	10	-1.2	-4.8	-3.0	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-2.8	-6.2	-4.5	..	1.9	1	-14.3	20	62	18	..	25	23	..
Palmer Station	8	-0.8	-6.0	-3.4	..	5.3	3	-14.1	22	..	..	..	..	..	..
Rothera Point	16	-4.6	-8.9	-6.8	..	1.5	1	-17.1	21	..	..	..	..	..	..
Argentine Is, Faraday	11	-2.9	-8.5	-5.7	..	4.2	3	-16.4	21	..	..	..	..	..	..
Gen San Martin	4	-4.2	-13.2	-8.7	..	4.8	1	-31.4	21	..	..	..	..	..	..
King Sejong	11	-1.6	-4.5	-3.1	..	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-8.9	-13.3	-11.1	..	-1.3	30	-23.5	9	..	..	..	..	..	..
Mawson	16	-8.1	-15.5	-11.8	..	-1.1	24	-21.8	16	..	..	..	..	..	..
Davis	13	-6.1	-14.0	-10.1	..	-0.8	23	..	..	..	..	..	..	..	..
Progress	64	-7.3	-12.5	-9.9	..	0.1	23	-21.5	15	..	..	..	..	..	..
Mirnyj	30	-8.6	-13.7	-11.2	..	-4.4	28	-23.7	1	..	..	..	..	..	..
Vostok	3420	-47.9	-60.5	-54.2	..	-41.4	26	-69.1	14	..	..	..	..	..	..
Casey	41	-6.9	-13.0	-10.0	..	-0.6	22	-24.6	5	..	..	..	..	..	..
Wilkins Runway East	755	-12.4	-19.5	-16.0	..	-4.8	23	-29.8	4	..	..	..	..	..	..
Mcmurdo	24	-11.7	-19.3	-15.5	..	14.9	19	-30.5	2	..	..	..	..	..	..
Ant Scott Base	22	-14.3	-23.9	-19.1	..	-8.0	8	-37.5	2	..	..	..	..	..	..
Ant Arrival Heights E	210	-15.1	-22.2	-18.7	..	-10.4	31	-31.5	1	..	..	..	..	..	..
Ant Scott Base EWS	16	-14.7	-23.8	-19.3	..	-8.8	6	-37.1	2	..	..	..	..	..	..
Casey, Skiway South	392	-8.9	-15.1	-12.0	..	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	33.9	15.5	24.7	..	36.6	13	11.3	3	13	9	..	6	27	..
Hobart Airport	4	22.0	7.4	14.7	..	28.1	30	2.0	7	..	..	..	..	..	..

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 September 2012															
North Shore, Auckland	20	16.4	10.6	13.5	+0.4	20.5	29	2.7	13	..	..	..	..	..	
Lincoln Rd, Auckland	25	16.4	9.4	12.9	-0.1	..	..	..	..	..	..	..	..	..	
Musick Pt Ews, Auckla	18	16.6	9.4	13.0	+0.2	..	..	..	..	..	..	..	..	..	
Opotiki	5	16.8	7.2	12.0	+0.3	22.0	28	-1.4	13	96	13	-8	41	15	
Pakuranga, Auckland R	15	17.8	8.6	13.2	+0.6	22.0	29	-1.1	13	..	..	..	..	..	
Penrose Ews, Auckland	30	16.5	8.3	12.4	-0.7	19.5	29	-0.3	13	..	..	..	..	..	
Dannevirke	207	14.7	5.5	10.1	-0.2	19.8	30	-2.0	13	55	17	-34	12	9	
Napier Nelson Pk	2	17.3	7.3	12.3	+0.0	22.3	6	-0.8	13	24	9	-34	11	28	
Whakatu EWS	5	16.6	6.0	11.3	+0.6	22.0	6	-1.2	14	19	10	..	7	28	
Wairoa, North Clyde E	15	18.0	6.9	12.5	+0.6	25.3	30	1.2	14	19	7	-70	7	28	
Mana Island	2	15.4	8.8	12.1	+0.5	17.3	26	3.7	23	55	14	-31	13	16	
Arapito EWS	18	14.6	5.8	10.2	..	18.6	28	-1.6	12	244	18	..	30	8	
Franz Josef	155	13.3	5.6	9.5	+0.2	18.1	28	0.1	12	540	20	+35	106	2	
Stephens Island	187	13.3	8.4	10.9	+0.4	16.4	29	4.2	12	64	..	..	18	9	
Boyle River Lodge	600	13.6	2.5	8.1	+0.6	22.5	29	-3.8	13	252	..	+69	71	8	
Arthurs Pass	738	9.8	1.3	5.6	+0.1	17.1	28	-3.0	13	642	19	+213	108	6	
Tapanui	180	14.7	3.8	9.3	+1.1	21.0	25	-3.2	13	69	19	+5	15	10	
Tiwai Point EWS	5	13.2	6.0	9.6	+0.6	21.8	29	1.2	13	122	19	+36	25	9	
Late returns and corrections for August 2012															
North Shore, Auckland	20	16.1	9.3	12.7	+0.7	18.2	27	6.5	1	..	..	..	..	..	
Lincoln Rd, Auckland	25	16.2	7.9	12.1	+0.1	18.7	19	4.3	25	..	..	..	..	..	
Musick Pt Ews, Auckla	18	16.4	9.1	12.8	+1.1	18.7	18	6.3	29	..	..	..	..	..	
Pakuranga, Auckland R	15	17.4	7.0	12.2	+1.1	..	..	..	..	..	..	..	..	..	
Penrose Ews, Auckland	30	16.3	7.4	11.9	+0.3	18.9	27	4.6	1	..	..	..	..	..	
Stewart Is	3	12.1	..	..	..	16.5	26	..	..	47	..	-69	16	13	
Late returns and corrections for July 2012															
North Shore, Auckland	20	15.0	8.2	11.6	+0.1	17.4	23	2.5	9	..	..	..	..	..	
Lincoln Rd, Auckland	25	15.0	6.9	11.0	-0.2	17.7	23	0.1	9	..	..	..	..	..	
Musick Pt Ews, Auckla	18	15.5	7.3	11.4	+0.1	..	..	..	..	..	..	..	..	..	
Pakuranga, Auckland R	15	16.2	5.5	10.9	+0.7	19.4	25	-1.9	8	..	..	..	..	..	
Penrose Ews, Auckland	30	15.0	6.1	10.6	-0.5	..	..	..	..	..	..	..	..	..	
Late returns and corrections for June 2012															
Darfield	195	9.5	0.8	5.2	-1.5	15.8	23	-7.3	7	60	10	-7	29	5	
Late returns and corrections for May 2012															
Masterton, Te Ore Ore	110	16.1	4.4	10.3	..	21.8	8	-2.0	21	79	14	-3	23	9	
Darfield	195	14.0	3.6	8.8	-0.6	20.1	13	-1.0	20	16	8	-52	6	15	
Late returns and corrections for April 2012															
Masterton, Te Ore Ore	110	20.6	7.3	14.0	..	26.3	10	1.3	21	37	12	-29	18	11	
Reefton EWS	198	18.9	..	..	..	..	..	..	..	101	8	-42	27	26	
Late returns and corrections for March 2012															
Reefton EWS	198	..	..	..	..	..	..	..	..	93	11	-24	25	22	
Late returns and corrections for February 2012															
Reefton EWS	198	25.3	14.2	19.8	+2.8	..	..	10.8	1	105	15	-1	51	22	

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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