

OCTOBER 2010

Summary of the records of Temperature, Rainfall and Sunshine October 2010

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		
Cape Reinga AWS	214	16.5	11.0	13.8	..	19.0	25	6.8	12	23	10	-43	6	12	..
Kaitaia Aero EWS	80	18.2	9.6	13.9	..	21.0	29	5.9	8	30	11	..	7	11	..
Kaitaia Observatory	85	18.1	9.6	13.9	..	21.4	26	6.8	8	28	10	-62	9	17	244
Kaitaia EWS	85	17.7	9.5	13.6	-0.7	21.2	26	6.6	8	26	11	..	8	17	230
Kerikeri EWS	79	18.6	8.7	13.7	-0.5	21.6	29	4.9	10	50	7	-84	25	13	..
Kerikeri Aerodrome Aw	150	18.0	8.6	13.3	..	21.0	23	4.8	19	52	16	..	25	13	..
Kaikohe AWS	204	17.7	9.6	13.7	+0.4	22.3	23	6.5	12	41	18	-68	14	13	..
Trounson Cws	220	16.6	7.9	12.3	..	21.2	26	4.0	8	8	8	..	6	11	..
Dargaville 2 EWS	66	18.1	9.3	13.7	..	22.1	24	6.1	8	22	9	..	7	13	204
Purerua AWS	82	17.5	..	..	..	..	..	..	..	66	9	..	26	13	..
Whangarei Aero AWS	37	18.4	9.7	14.1	-0.5	21.8	23	6.9	8	35	12	-68	21	13	..
Mokohinau AWS	60	16.7	12.3	14.5	..	19.5	23	8.0	12	31	9	-48	15	13	..
Leigh 2	27	18.7	10.9	14.8	+0.2	21.5	15	7.1	12	36	13	-51	15	13	..
Warkworth EWS	72	17.3	8.3	12.8	..	20.8	26	4.3	10	40	13	-66	21	13	..
Whangaparaoa AWS	89	18.1	10.7	14.4	..	..	..	..	..	43	13	..	21	5	..
Tiri Tiri Lighthouse	76	16.4	11.5	14.0	-0.1	18.6	23	6.9	12	22	12	-60	6	13	..
Kumeu Ews, Auckland R	16	18.1	8.1	13.1	..	21.9	26	3.4	4	23	10	..	6	10	..
Whenuapai AWS	26	17.8	9.1	13.5	..	21.7	26	4.9	4	..	..	..	..	..	..
North Shore, Auckland	20	18.5	10.6	14.6	..	..	..	7.0	12	..	..	..	..	..	..
North Shore Albany Ew	64	17.5	10.1	13.8	..	20.9	26	5.8	10	21	11	..	5	19	241
Henderson, River Pk	7	19.6	8.9	14.3	+0.0	23.9	26	4.6	4	33	13	-77	9	19	..
Henderson, Auckland R	35	18.4	10.6	14.5	..	22.4	26	7.1	10	..	..	..	..	..	..
Lincoln Rd, Auckland	25	18.6	8.4	13.5	..	..	..	4.4	10	..	..	..	..	..	..
Khyber Pass, Auckland	81	17.5	10.5	14.0	..	23.4	25	6.3	12	29	12	..	6	10	..
Musick Pt Ews, Auckla	18	17.9	9.5	13.7	..	..	..	4.8	12	..	..	..	..	..	..
Onehunga, Auckland Re	5	17.9	11.4	14.7	+0.2	21.8	29	7.5	12	..	..	..	..	..	..
Waiheke Island, Awaro	34	18.3	8.2	13.3	..	21.1	29	4.8	19	37	12	-52	12	1	..
Whitianga Aero AWS	5	17.5	8.7	13.1	-0.7	22.6	25	4.4	10	44	15	-83	20	13	..
Paeroa AWS	18	18.7	8.5	13.6	-0.4	..	..	..	..	32	14	-59	12	13	..
Toenepi EWS	48	18.5	8.4	13.5	..	24.1	29	3.8	10	30	12	..	8	14	..
Matamata, Hinuera EWS	106	17.9	6.6	12.3	..	21.9	29	1.7	10	39	12	..	11	14	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	246
Tauranga Aero AWS	4	19.2	10.3	14.8	+1.0	22.9	23	4.8	22	23	8	-67	9	13	..
Te Puke EWS	91	18.4	8.2	13.3	..	23.4	23	3.1	19	36	10	-105	10	17	..
Whakatane Aero AWS	7	17.7	8.4	13.1	-0.5	19.9	29	3.2	2	55	11	-38	19	13	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	251
White Island AWS	310	14.7	9.2	12.0	..	17.9	29	4.3	12	..	..	..	..	..	..
Kawerau AWS	42	19.5	8.3	13.9	..	24.9	25	2.7	19	..	..	..	..	..	215
Rotorua Aero AWS	283	16.1	6.7	11.4	-0.8	19.8	29	0.8	2	49	13	-65	18	14	..
Galatea AWS	174	17.8	6.7	12.3	..	23.1	25	0.2	19	37	15	..	12	15	..
Taupo Wxt AWS	385	16.3	7.2	11.8	..	21.5	24	2.6	23	19	12	..	12	10	..
Tarapounamu EWS	701	12.6	3.6	8.1	..	..	..	..	..	99	21	..	12	27	..
Taupo AWS	400	16.0	5.8	10.9	-0.6	20.5	24	-0.2	23	28	10	..	13	10	..
Opotiki	5	17.5	8.1	12.8	-0.6	20.0	29	3.0	10	56	11	-41	20	14	..
Motu EWS	488	14.6	5.2	9.9	..	20.8	25	-0.6	23	203	16	..	66	13	..
Otamatuna, Te Mapou H	624	14.6	5.2	9.9	..	20.4	25	0.5	22	68	17	..	17	13	..
Mangere EWS	5	17.4	9.9	13.7	..	20.6	24	6.6	4	24	12	..	8	19	221
Wiri, Auckland Region	18	17.7	10.8	14.3	+0.4	21.2	24	6.6	12	..	..	..	..	..	..
Pakuranga, Auckland R	15	19.4	9.6	14.5	..	..	..	4.5	12	..	..	..	..	..	..
Penrose Ews, Auckland	30	18.4	9.1	13.8	..	..	..	4.6	12	..	..	..	..	..	..
Auckland Aero	33	17.9	10.5	14.2	-0.2	21.8	29	6.9	12	20	11	-64	6	19	..
Ardmore	23	18.7	..	..	..	23.0	26	..	..	28	12	-68	7	10	..
Pukekohe EWS	88	17.4	8.1	12.8	-0.7	22.0	29	3.7	12	41	10	..	8	10	..
Whatawhata 2 EWS	118	17.5	8.5	13.0	..	23.0	29	4.2	12	55	14	..	10	19	..
Hamilton, Ruakura 2 E	45	19.0	8.5	13.8	..	23.6	24	0.6	12	31	12	..	9	14	222
Hamilton AWS	53	18.3	7.3	12.8	-0.1	22.9	29	0.8	12	41	13	-55	10	14	..
Port Taharoa AWS	27	17.5	10.3	13.9	-0.3	21.2	30	6.7	12	45	11	..	11	17	..
Waikeria	46	18.5	7.4	13.0	+0.0	22.9	29	2.8	10	19	9	-83	8	14	..
Te Kuiti EWS	62	18.1	6.8	12.5	..	22.1	29	2.4	23	33	11	..	12	17	248
Pureora Forest Cws	549	14.5	5.3	9.9	..	19.3	24	-0.1	23	32	12	..	7	21	..
Taumarunui	171	18.0	7.0	12.5	-0.2	22.2	24	1.5	23	35	10	-110	9	19	..
Taumarunui AWS	195	18.4	5.8	12.1	..	22.9	27	-0.2	23	41	15	..	13	19	229
Turangui 2 EWS	350	16.5	5.0	10.8	..	22.5	23	-1.6	23	32	12	..	11	17	227

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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	Hrs		
New Plymouth Aero	27	247	
New Plymouth AWS	30	16.9	8.5	12.7	+0.0	21.1	30	2.8	22	36	11	-95	7	8	
Lower Retaruke Cws	233	17.4	6.0	11.7	..	21.9	27	0.0	14	47	10	..	19	19	
Mt Ruapehu, Chateau E	1097	11.2	1.2	6.2	-0.3	16.6	23	-3.0	2	99	12	-161	17	19	
Pahiatua EWS	110	15.7	7.4	11.6	..	20.2	28	2.6	22	63	13	..	17	10	
Alfredton EWS	240	16.0	7.0	11.5	..	21.6	28	1.2	23	61	15	..	12	19	
Masterton Aero AWS	138	16.9	5.3	11.1	..	22.0	27	0.1	19	62	11	..	21	10	
Masterton, Te Ore Ore	110	15.7	1.2	8.5	..	24.1	28	-3.1	23	44	14	..	14	10	
Kopua	311	15.6	6.9	11.3	-0.3	20.8	28	3.1	11	78	14	-6	26	13	
Takapau Plains AWS	330	15.2	6.1	10.7	..	20.9	28	2.2	6	84	17	..	29	13	
Dannevirke EWS	207	16.1	7.6	11.9	..	22.4	17	3.9	22	61	16	..	16	13	
Waione EWS	48	17.9	7.9	12.9	..	23.9	29	1.6	23	102	16	..	35	13	
Cape Turnagain AWS	292	12.5	8.2	10.4	..	17.7	29	4.1	22	125	16	..	26	13	
Akitio EWS	245	13.7	7.4	10.6	..	19.5	28	3.5	11	68	12	..	20	14	
Castlepoint Station	9	16.1	9.5	12.8	..	..	..	5.3	10	69	9	-1	20	14
Castlepoint AWS	120	14.7	9.0	11.9	-1.4	21.0	17	5.1	11	77	11	..	23	14	
Baring Head	79	13.6	8.7	11.2	..	17.5	28	3.4	11	34	9	..	9	8	
Te Wharau, Brackenfie	292	14.8	5.4	10.1	..	20.9	24	1.5	5	91	15	..	27	14	
Martinborough EWS	20	16.4	6.2	11.3	..	21.9	27	1.5	4	35	8	..	11	19	
Ngawi AWS	6	15.7	9.4	12.6	..	21.9	24	5.2	13	84	11	..	29	14	
Hicks Bay AWS	46	16.4	9.8	13.1	-0.7	19.6	26	6.2	23	122	13	..	44	13	
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	241
Gisborne AWS	5	17.8	8.1	13.0	-0.9	24.9	25	3.2	2	199	12	+142	111	13	
Tolaga Bay Wxt AWS	12	16.3	8.5	12.4	..	21.4	9	4.3	6	221	15	..	122	13	
Napier Aero AWS	3	16.8	8.4	12.6	-1.0	21.0	9	3.4	23	139	12	+84	86	13	
Napier Nelson Pk	2	18.3	9.6	14.0	-0.3	21.7	28	4.5	23	113	13	+58	75	13	
Hastings AWS	16	18.0	8.1	13.1	..	22.6	25	2.1	2	79	12	..	55	13	
Whakatu EWS	5	17.4	7.2	12.3	..	21.9	25	0.8	2	83	11	..	53	13	
Waipawa EWS	130	16.7	6.1	11.4	..	21.6	28	0.6	19	92	11	..	48	13	
Wairoa, North Clyde E	15	17.8	7.6	12.7	-1.2	23.6	25	2.9	2	234	13	+145	99	13	
Mahia Radar Wxt AWS	419	13.8	8.1	11.0	..	19.5	25	3.0	12	188	15	..	111	13	
Mahia AWS	136	15.6	9.1	12.4	-0.9	20.5	25	5.6	12	46	14	..	24	13	
Cape Kidnappers Wxt A	118	14.3	10.4	12.4	..	17.7	17	6.0	11	173	15	..	108	13	
Paraparaumu Aero	5	15.7	8.2	12.0	-0.4	18.6	28	1.7	13	56	11	-49	14	8	
Paraparaumu Aero AWS	5	15.4	8.3	11.9	-0.4	18.1	28	1.7	13	55	7	..	13	8	
Ohakea AWS	50	16.4	8.7	12.6	..	20.2	17	4.8	12	..	..	..	..	..
Palmerston North AWS	39	16.7	8.1	12.4	+0.1	20.8	27	2.5	22	42	13	-36	11	10	
Palmerston North EWS	21	16.3	8.4	12.4	..	21.4	29	3.7	22	34	11	..	13	10	
Levin AWS	14	16.3	7.5	11.9	-0.7	20.5	29	1.8	31	28	11	..	10	10	
Mana Island AWS	100	13.1	8.9	11.0	..	15.3	28	4.4	12	65	7	..	19	8	
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	199
Wellington, Kelburn A	125	14.2	8.4	11.3	..	18.2	28	4.2	12	112	10	..	24	10	
Wellington Aero	4	14.8	9.3	12.1	-0.8	18.7	28	5.0	11	72	9	-22	17	8	
Wallaceville EWS	56	15.7	6.4	11.1	..	20.1	26	1.2	4	80	8	-51	18	10	
Stratford EWS	300	15.1	6.6	10.9	..	18.6	26	2.6	23	69	12	..	29	17	
Hawera AWS	98	15.1	7.6	11.4	..	20.0	28	1.6	22	46	11	..	16	10	
Ohakune EWS	607	14.5	5.3	9.9	..	20.4	24	0.1	23	57	13	..	13	21	
Waiouru	806	12.9	3.3	8.1	-0.5	18.4	24	-1.1	11	70	11	-20	20	21	
Waiouru AWS	820	12.5	3.3	7.9	..	17.9	24	-1.5	4	69	13	-26	18	21	
Taihape Rec	433	16.3	5.4	10.9	-0.3	21.2	24	0.0	23	25	12	-60	10	21	
Wanganui, Spriggens Pa	15	16.8	9.0	12.9	-0.4	21.1	17	4.9	12	33	9	-48	16	10	
Wanganui AWS	8	16.1	8.9	12.5	-0.6	20.7	17	..	..	34	11	..	15	10
Wanganui 2 AWS	18	17.2	8.6	12.9	..	21.4	17	4.3	4	..	..	..	..	..
Takaka, Kotinga 2	25	17.7	6.0	11.9	-0.1	23.5	14	1.0	12	107	7	-99	37	8	
Takaka EWS	20	17.5	5.7	11.6	..	23.2	14	0.9	12	102	8	..	37	8	
Farewell Spit AWS	3	16.8	9.2	13.0	+0.1	20.8	14	6.3	3	44	8	..	16	8	
Westport Aero AWS	2	15.9	7.1	11.5	-0.3	20.3	30	1.5	11	112	10	-92	16	19	
Arapito	18	16.3	6.9	11.6	-0.4	19.9	28	1.7	11	139	11	-91	26	8	
Arapito EWS	18	16.0	6.3	11.2	..	19.7	28	1.0	11	128	11	..	25	8	
Murchison EWS	185	19.5	4.1	11.8	..	26.3	14	-2.6	12	104	13	-63	25	8	
Lake Rotoiti EWS	634	16.4	2.3	9.4	..	23.7	23	-2.7	12	89	13	..	29	17	
Hokitika Aero	39	14.9	6.6	10.8	-0.5	21.5	30	0.0	12	144	13	-142	32	8	
Hokitika AWS	38	15.0	6.5	10.8	-0.5	21.7	30	0.1	12	144	14	..	32	8	

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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	Hrs		
Reefton EWS	198	18.1	5.0	11.6	+0.2	26.2	14	-1.8	12	103	10	-104	23	17	219
Greymouth Aero	4	15.3	7.8	11.6	-0.1	21.9	30	0.9	11	120	10	-125	28	17	195
Greymouth Aero EWS	5	14.9	7.8	11.4	..	22.1	30	1.3	11	122	9	..	28	17	210
Pigeon Creek Cws	105	16.3	6.4	11.4	..	23.5	14	0.8	12	242	11	..	57	17	..
Mt Philistine EWS	1655	9.6	1.2	5.4	..	19.5	14	-5.5	11	179	15	..	54	16	..
Mahanga EWS	1995	6.9	-2.2	2.4	..	15.9	30	-9.4	11	90	13	..	47	17	..
Okarito	2	14.6	6.5	10.6	..	19.0	30	0.3	11	209	14	-160	39	16	..
Franz Josef	155	16.0	..	..	..	21.4	30	..	..	316	..	-295	65	16	..
Franz Josef EWS	80	15.0	5.6	10.3	..	20.6	30	-0.1	11	223	17	..	40	16	169
Haast AWS	5	14.3	6.2	10.3	+0.0	20.6	30	0.0	11	151	17	..	26	24	..
Milford Sound	3	15.2	5.9	10.6	+0.5	21.8	16	1.1	20	371	15	-308	74	9	..
Milford Sound AWS	3	15.6	5.8	10.7	..	22.7	16	0.7	20	352	17	..	65	9	..
Secretary Island AWS	19	13.9	8.2	11.1	..	19.7	29	4.4	20	260	21	..	39	18	..
Puysegur Point AWS	44	13.0	..	..	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	19.3	5.2	12.3	+0.0	25.2	14	-0.3	12	14	6	-114	5	17	..
Maud Island	15	15.5	8.5	12.0	..	18.5	..	6.0	11	68	..	..	20	8	..
Pelorus Sd, Crail Bay	13	..	9.0	..	..	..	..	4.8	11	93	7	-97	31	17	..
Nelson Aero	2	17.1	7.2	12.2	-0.1	21.5	14	2.7	11	7	6	-86	3	17	296
Appleby 2 EWS	18	17.4	4.8	11.1	..	23.6	14	-1.0	12	10	6	..	6	17	287
Nelson AWS	4	17.7	7.1	12.4	-0.1	22.0	14	3.3	13	6	7	..	2	8	..
Blenheim Research EWS	4	17.6	7.2	12.4	-0.5	22.7	28	1.2	12	24	8	-39	8	8	258
Blenheim Aero AWS	35	17.2	5.6	11.4	-1.0	22.3	24	-0.2	12	26	7	-42	12	8	..
Brothers Island AWS	68	13.8	9.8	11.8	..	17.2	2	6.0	12	39	9	..	8	21	..
Awatere Valley, Dashw	83	16.9	6.3	11.6	..	21.9	28	0.8	12	31	8	..	9	8	..
Grassmere Salt Works	2	16.9	9.4	13.2	+0.2	22.7	28	5.5	13	41	6	-3	11	21	..
Cape Campbell AWS	2	14.0	9.4	11.7	..	16.8	28	4.8	12	32	8	..	8	21	..
Boyle River Lodge	600	17.7	2.4	10.1	..	26.0	15	..	..	132	..	..	44	17	..
Hanmer Forest EWS	363	18.0	1.8	9.9	-0.5	27.6	16	-4.4	12	48	11	-59	10	10	..
Kaikoura AWS	105	14.8	7.6	11.2	-0.6	22.5	17	3.2	12	35	9	-32	12	21	..
Arthurs Pass	738	13.6	2.2	7.9	+0.6	22.0	14	-2.8	12	230	9	-265	62	17	..
Arthurs Pass EWS	738	13.2	1.9	7.6	..	22.0	15	-3.3	12	238	10	..	53	17	..
Culverden AWS	181	16.8	4.2	10.5	..	26.2	16	-1.1	13	51	15	..	13	8	..
Waiau School Cws	136	18.5	4.5	11.5	..	28.4	16	-6.3	31	36	11	..	9	19	..
Mt Potts EWS	2128	7.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Mt Cook EWS	765	16.6	3.0	9.8	+1.0	23.9	15	-3.5	11	182	12	-274	54	16	196
Craigieburn Forest	914	15.4	1.3	8.4	+0.5	22.7	16	-2.9	11	111	14	-68	29	17	..
Snowdon EWS	560	16.1	3.9	10.0	..	23.2	16	-2.0	11	48	10	..	18	19	..
Methven, Three Spring	305	16.8	4.5	10.7	..	24.8	16	0.3	20	83	7	..	49	28	..
Methven Cws	313	16.9	5.3	11.1	..	26.1	16	0.9	11	50	9	..	15	10	..
Winchmore EWS	160	18.1	4.5	11.3	+0.2	24.8	16	0.0	4	34	8	-30	14	10	..
Peel Forest	286	17.4	3.1	10.3	+0.0	25.5	16	-2.1	20	59	8	-45	13	10	..
Ashburton Council	101	18.6	5.1	11.9	+0.0	27.0	16	0.5	20	31	7	-30	13	10	..
Ashburton Aero AWS	89	17.7	5.0	11.4	..	26.0	16	-0.1	20	31	9	..	15	10	270
Waipara West EWS	130	17.6	6.0	11.8	..	27.0	16	1.7	31	24	6	..	9	20	264
Rangiora EWS	23	16.9	4.8	10.9	-0.5	24.6	28	-1.3	12	22	7	..	8	10	233
Darfield EWS	190	17.4	5.4	11.4	..	25.4	16	1.3	4	37	7	..	14	9	..
Christchurch Aero	37	16.7	5.2	11.0	-0.7	24.4	17	-1.8	12	22	5	-27	11	10	245
Christchurch Gardens	7	17.0	6.7	11.9	-0.4	27.6	25	0.1	12	22	6	-31	15	10	..
Christchurch, Kyle St	6	17.8	7.0	12.4	..	26.2	17	-1.0	12	21	6	..	14	10	..
Christchurch, New Bri	12	14.0	8.7	11.4	..	22.3	17	3.1	12	..	..	..	..	..	..
Lincoln, Broadfield E	18	16.4	6.1	11.3	-0.2	23.4	17	-0.9	12	24	7	..	12	10	..
Sugar Loaf AWS	618	14.0	5.4	9.7	..	20.9	6	-0.1	11	..	..	..	..	..	..
Lyttelton Harbour	5	16.1	8.8	12.5	..	23.8	17	4.6	11	20	6	..	9	10	..
Leeston, Harts Creek	12	16.6	5.8	11.2	..	24.3	17	-1.0	12	25	7	..	13	10	..
Akaroa EWS	45	17.5	7.5	12.5	..	25.0	24	3.9	11	39	8	..	29	10	260
Le Bons Bay AWS	236	13.6	6.6	10.1	-0.5	20.0	28	2.3	11	31	8	..	19	10	..
Lake Tekapo, Air Safa	762	16.0	2.4	9.2	+0.1	23.5	16	-2.8	11	16	7	-41	7	19	..
Lake Tekapo EWS	762	16.5	3.1	9.8	..	23.7	16	-3.2	11	15	8	..	6	19	272
Fairlie AWS	403	15.9	4.7	10.3	..	24.1	16	0.8	2	28	8	..	9	19	..
Pukaki Aerodrome AWS	473	18.7	1.9	10.3	..	24.8	15	-4.0	12	22	12	..	8	19	..
Hakataramea Valley Cw	355	17.4	3.7	10.6	..	25.3	16	-0.4	12	10	6	..	4	8	..
Orari Estate	81	17.6	4.3	11.0	+0.1	24.1	17	-0.2	20	25	6	-39	12	10	..
Orari Estate Cws	81	16.9	4.6	10.8	..	23.8	16	0.1	20	26	10	..	11	10	..

Summary of the records of Temperature, Rainfall and Sunshine October 2010

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		
Tuvalu,Nui Is	2	31.6	26.1	28.9	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.4	26.4	28.9	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	31.3	25.2	28.3	..	..	..	..	..	..	..	..	..	..
Fiji,Rotuma	26	30.6	24.7	27.7	..	31.8	30	23.3	10	..	..	..	..	..
Fiji, Nambowalu	36	28.4	22.8	25.6	..	..	..	20.1	15	..	..	..	..	..
Fiji,Nadi Aero	15	30.7	22.4	26.6	..	33.4	7	..	..	..	..	..	..	..
Fiji, Nadi EWS	15	30.6	22.3	26.5	..	33.4	2	19.8	5	126	11	..	71	12	
Fiji,Nausori Aero	6	28.1	21.4	24.8	..	30.2	20	18.4	5	..	..	..	..	..
Fiji, Vunisea	33	27.3	22.0	24.7	..	29.5	20	..	..	..	..	..	..	..
Kiribati, Kanton Isl	2	..	24.2	..	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	30.5	24.4	27.5	..	..	..	21.2	30	..	..	..	..	..
Maopopo, Futuna Isla	36	30.5	24.5	27.5	..	32.0	6	23.2	10	175	19	..	37	31	
Samoa,Faleolo	4	30.6	23.4	27.0	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.7	22.9	26.3	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.0	24.9	27.5	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	30.5	23.8	27.2	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	28.1	21.6	24.9	..	..	..	18.4	10	..	..	..	..	..
Salote Pilelevu Airpo	2	27.7	23.3	25.5	..	..	..	21.3	10	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.7	20.9	23.8	..	29.8	3	..	..	..	..	..	..	..
Niue, Hanan Airport	59	27.5	22.7	25.1	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	26.6	21.9	24.3	..	..	..	..	..	..	..	..	..	..
Rarotonga EWS	4	26.7	22.2	24.5	..	30.0	6	19.0	30	155	22	..	34	17	
Hiva Hoa, Atuona	51	30.2	22.5	26.4	..	..	..	21.1	26	24	13	..	5	3
Thaiti - Faaa	1	29.4	23.0	26.2	..	30.6	9	21.8	10	99	13	..	29	12	
Tuamotu, Hao	3	27.3	23.3	25.3	..	29.0	31	21.3	1	..	..	..	..	..
Gambier, Rikitea	91	23.8	19.4	21.6	..	..	..	..	..	70	20	..	24	13
Tubuai	2	25.0	20.8	22.9	..	26.9	8	18.5	27	..	..	..	..	..
Rapa	1	21.6	17.4	19.5	..	..	..	..	..	..	..	..	..	..
Pitcairn Is	264	21.6	16.9	19.3	..	24.5	31	14.5	21	285	..	..	78	14
Pitcairn Island AWS	264	21.3	16.8	19.1	..	24.3	31	14.5	21	10	6	..	4	31	
Raoul Island AWS	49	20.6	15.9	18.3	..	23.6	18	13.4	12	32	10	..	11	3	
Enderby Is AWS	40	9.7	5.6	7.7	..	..	..	..	..	101	21	..	22	16
Campbell Island AWS	19	9.3	4.9	7.1	+0.8	13.9	16	-0.1	19	111	27	+1	18	20	
Chatham Islands AWS	48	13.2	8.0	10.6	+0.1	15.8	15	2.6	12	88	18	+27	30	7	
Chatham Island EWS	14	14.4	8.3	11.4	..	17.9	18	0.9	13	49	16	..	16	9	
Georg Von Neumayer	40	-14.5	-23.0	-18.8	..	-1.3	22	-34.7	2	..	..	..	..	..
Ant South Pole	2800	-46.6	-53.5	-50.1	..	-35.6	22	-64.5	10	..	..	..	..	..
Halley Bay	30	-12.5	-21.2	-16.9	..	-5.8	22	-31.4	4	..	..	..	..	..
Gen Belgrano 2	32	-8.2	-16.6	-12.4	..	0.6	22	-25.3	1	..	..	..	..	..
Base Jubany	4	1.8	-1.4	0.2	..	..	..	..	..	..	..	..	..	..
Dinamet	10	0.9	..	..	..	..	..	..	..	..	..	..	..	..
V C Marambio	198	1.3	-6.0	-2.4	..	..	..	..	..	..	..	..	..	..
Eduardo Frei	10	-0.2	-2.1	-1.2	..	1.3	9	-5.3	14	..	..	..	..	..
Arturo Prat	..	0.3	-2.1	-0.9	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-0.3	-2.2	-1.3	..	..	..	-8.1	30	..	..	..	..	..
Rothera Point	16	-0.2	-3.4	-1.8	..	3.7	6	-10.7	10	..	..	..	..	..
Argentine Is, Faraday	11	1.1	-1.9	-0.4	..	6.5	27	-6.7	30	..	..	..	..	..
Gen San Martin	4	1.9	-3.8	-1.0	..	7.1	17	..	..	..	..	..	..	..
King Sejong	11	2.1	-1.3	0.4	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-10.9	-18.2	-14.6	..	..	..	..	..	..	..	..	..	..
Mawson	16	-10.3	-16.7	-13.5	..	..	..	-22.5	28	..	..	..	..	..
Davis	13	-9.1	-16.0	-12.6	..	-3.6	14	..	..	..	..	..	..	..
Progress	64	-9.5	-15.3	-12.4	..	..	..	..	..	..	..	..	..	..
Vostok	3420	-51.8	-64.0	-57.9	..	..	..	-70.9	13	..	..	..	..	..
Casey	41	-7.7	-15.5	-11.6	..	-0.5	31	..	..	..	..	..	..	..
Durmont Durville	43	-9.0	-15.5	-12.3	..	-2.6	25	-23.8	2	..	..	..	..	..
Mcmurdo	24	-12.3	-20.5	-16.4	..	-5.6	6	-27.9	12	..	..	..	..	..
Ant Scott Base	16	-14.3	-26.1	-20.2	..	-6.6	7	-38.4	1	..	..	..	..	..
Ant Arrival Heights E	185	-14.8	-23.2	-19.0	..	-8.8	7	-29.3	13	..	..	..	..	..
Ant Scott Base EWS	16	-14.5	-25.9	-20.2	..	-6.5	6	-37.8	1	..	..	..	..	..
Darwin Airport	31	33.7	15.8	24.8	..	36.5	24	7.6	27	159	19	..	38	10	
Hobart Airport	4	21.5	7.8	14.7	..	26.4	22	2.6	3	..	..	..	..	..

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 2010															
Lake Karapiro Cws	55	15.1	8.3	11.7	..	..	..	2.7	4	113	22	..	25	30	..
Lower Retaruke	219	14.6	6.8	10.7	+0.7	19.9	28	0.4	1	408	27	+262	66	6	..
Blackball	35	13.1	4.3	8.7	..	..	..	..	..	675	..	..	..	..	..
Franz Josef	155	12.4	3.8	8.1	-1.1	..	..	..	..	864	27	+426	149	5	..
Appleby 2 EWS	18	15.2	4.7	10.0	..	20.1	26	-0.6	1	115	19	..	24	29	173
Alexandra	150	15.5	2.3	8.9	..	21.4	28	-3.8	19	29	18	..	11	6	153
Thornbury	20	..	3.7	..	..	..	..	..	..	181	..	..	32	18	..
Stewart Is	3	12.0	4.8	8.4	+0.2	18.0	28	-1.0	19	242	..	+120	29	16	..
Balclutha, Finegand	6	12.8	2.8	7.8	-0.9	19.7	27	-1.8	1	89	21	+41	16	22	112
Vanuatu, Burtonfield	70	30.0	17.0	23.5	..	..	..	..	..	..	..	..	..	..	..
Late returns and corrections for August 2010															
Alexandra	150	12.3	0.2	6.3	..	17.8	1	-6.4	10	29	9	..	14	13	109
Balclutha, Finegand	6	11.6	2.6	7.1	+0.5	17.6	26	-2.9	25	38	15	-6	15	7	109
Niue, Hanan Airport	59	27.3	18.7	23.0	..	29.6	23	14.9	3	39	12	..	12	23	253
Late returns and corrections for July 2010															
Niue, Hanan Airport	59	27.3	20.1	23.7	..	29.7	23	14.9	3	140	18	..	54	13	170
Late returns and corrections for June 2010															
Niue, Hanan Airport	59	27.5	19.1	23.3	..	28.9	4	15.0	13	25	15	..	10	1	199
Late returns and corrections for May 2010															
Niue, Hanan Airport	59	28.6	21.6	25.1	..	30.5	17	19.0	14	125	16	..	64	24	198
Late returns and corrections for April 2010															
Niue, Hanan Airport	59	29.3	21.8	25.6	..	31.5	3	19.2	21	174	18	..	35	28	145
Late returns and corrections for March 2010															
Niue, Hanan Airport	59	30.6	22.6	26.6	..	32.0	11	17.4	28	105	18	..	26	24	199
Late returns and corrections for February 2010															
Niue, Hanan Airport	59	29.4	23.2	26.3	..	31.0	15	21.4	5	57	20	..	21	13	218
Late returns and corrections for January 2010															
Niue, Hanan Airport	59	29.9	22.8	26.4	..	32.6	14	20.8	11	208	17	..	92	15	191

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1971-2000. 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.