

FEBRUARY 2010

Summary of the records of Temperature, Rainfall and Sunshine February 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		
New Plymouth AWS	30	23.5	15.3	19.4	+1.4	27.1	2	9.0	20	150	11	+60	83	24	..
Lower Retaruke	219	24.7	13.7	19.2	+1.5	28.1	2	7.0	20	64	13	-24	16	25	..
Mt Ruapehu, Chateau E	1097	19.1	9.0	14.1	+1.5	22.7	5	2.7	21	96	14	-54	20	16	..
Masterton Aero AWS	138	24.1	11.6	17.9	..	27.9	22	6.0	27	23	10	..	8	17	..
Masterton, Te Ore Ore	110	24.5	11.7	18.1	..	29.6	18	5.4	27	23	11	..	8	17	..
Kopua	311	22.8	13.1	18.0	+1.2	28.1	18	6.3	20	21	13	-48	5	17	..
Takapau Plains AWS	330	22.5	12.2	17.4	..	27.2	18	5.2	20	34	20	..	8	1	..
Dannevirke	207	23.2	13.3	18.3	+0.9	28.2	18	6.8	27	33	12	-38	9	11	192
Dannevirke EWS	207	23.2	13.6	18.4	..	28.3	18	7.1	20	30	12	..	9	11	191
Waione EWS	48	24.5	13.7	19.1	..	29.9	18	5.7	20	28	17	..	9	1	..
Cape Turnagain AWS	292	19.1	14.5	16.8	..	23.7	18	10.9	20	23	17	..	10	18	..
Castlepoint Station	9	22.4	15.3	18.9	..	28.0	18	10.0	20	41	7	-30	15	1	..
Castlepoint AWS	120	21.2	15.1	18.2	-0.1	26.5	18	11.4	19	45	8	..	21	1	..
Baring Head	79	19.9	14.0	17.0	..	24.6	6	10.8	27	15	7	..	4	24	..
Te Wharau, Brackenfie	292	22.2	11.1	16.7	..	26.5	22	7.0	27	26	10	..	7	1	..
Martinborough EWS	20	24.6	12.1	18.4	..	28.8	6	5.1	27	11	6	..	5	10	189
Ngawi AWS	6	22.7	14.3	18.5	..	27.1	22	11.6	27	18	6	..	11	1	..
Hicks Bay AWS	46	22.6	16.9	19.8	+0.7	24.9	15	12.1	20	56	6	..	27	18	..
Gisborne Aero	4	..	..	..	..	..	..	..	..	..	..	..	..	..	218
Gisborne AWS	5	25.1	15.0	20.1	+1.1	29.1	13	6.8	28	23	8	-51	13	1	..
Tolaga Bay Wxt AWS	12	22.1	15.1	18.6	..	28.0	13	9.2	20	11	12	..	5	15	..
Napier Aero AWS	3	23.3	14.7	19.0	+0.4	29.3	13	8.1	20	32	13	-30	10	11	..
Napier Nelson Pk	2	25.3	15.4	20.4	+1.1	30.7	13	8.4	20	16	11	-46	9	1	204
Hastings AWS	16	24.4	14.7	19.6	..	29.6	7	7.4	20	10	9	..	3	8	..
Whakatu EWS	5	23.3	13.6	18.5	..	28.7	13	5.9	20	24	10	..	7	11	..
Waipawa EWS	130	23.6	12.8	18.2	..	28.4	22	5.1	20	18	10	..	5	1	180
Wairoa, North Clyde E	15	25.0	14.5	19.8	+0.9	29.2	22	9.2	20	33	10	-86	13	18	..
Mahia Radar Wxt AWS	419	19.4	15.0	17.2	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	21.6	16.1	18.9	+0.6	27.6	13	12.2	9	7	7	..	3	18	..
Cape Kidnappers Wxt A	118	20.7	17.2	19.0	..	26.9	13	14.5	20	5	8	..	1	8	..
Paraparaumu Aero	5	22.1	14.1	18.1	+0.8	25.4	24	8.7	27	31	7	-25	10	24	208
Paraparaumu Aero AWS	5	21.8	14.0	17.9	+0.6	24.9	24	9.0	4	31	6	..	9	24	230
Ohakea AWS	50	23.9	14.5	19.2	..	27.6	18	9.4	27	..	..	..	..	..	..
Palmerston North AWS	39	24.2	13.6	18.9	+1.0	27.9	18	7.7	20	48	12	-9	12	11	..
Palmerston North EWS	21	23.6	14.0	18.8	..	29.8	24	8.1	20	35	10	..	12	17	170
Levin AWS	14	22.7	14.0	18.4	+0.6	25.8	24	8.1	27	59	11	..	14	17	..
Mana Island	2	22.0	14.7	18.4	+0.5	24.9	24	10.0	5	20	8	..	8	24	..
Mana Island AWS	100	19.3	14.3	16.8	..	21.8	24	11.4	19	18	8	..	6	24	..
Wellington,Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	200
Wellington, Kelburn A	125	20.4	13.9	17.2	..	24.3	6	10.8	19	33	8	..	11	18	..
Wellington Aero	4	21.0	14.7	17.9	+0.0	25.2	6	12.0	2	17	6	-35	6	18	..
Wallaceville EWS	56	24.7	12.0	18.4	..	29.4	7	..	..	31	7	-33	13	18	182
Stratford EWS	300	21.7	12.1	16.9	..	..	..	5.6	26	97	10	..	61	24	154
Hawera AWS	98	21.2	13.3	17.3	..	25.9	24	8.5	27	37	12	..	11	16	..
Ohakune EWS	607	22.3	11.4	16.9	..	24.9	18	3.7	20	58	13	..	13	25	222
Waiouru	806	21.1	10.4	15.8	+1.5	24.8	18	4.1	21	20	10	-40	5	25	..
Waiouru AWS	820	21.1	10.3	15.7	..	25.3	18	2.5	21	20	8	-38	6	25	..
Taihape Rec	433	25.0	11.9	18.5	+2.0	28.2	18	5.0	20	22	7	-35	9	25	..
Wanganui,Spriggens Pa	15	23.3	15.1	19.2	+0.9	28.1	18	11.2	20	60	10	-6	25	24	..
Wanganui AWS	8	22.4	15.1	18.8	+0.5	..	..	..	..	51	11	..	17	24	..
Wanganui 2 AWS	18	23.7	14.7	19.2	..	28.8	18	10.2	27	..	..	..	..	..	..
Takaka,Kotinga 2	25	23.7	..	..	..	27.8	9	..	..	64	10	-42	20	18	..
Takaka EWS	20	23.6	12.5	18.1	..	28.6	9	7.6	28	61	7	..	20	18	213
Farewell Spit AWS	3	22.5	14.9	18.7	+0.8	26.2	7	12.5	22	35	8	..	9	17	..
Westport Aero AWS	2	21.9	13.6	17.8	+1.2	28.3	1	10.0	26	114	11	-19	43	10	..
Arapito	18	22.4	13.1	17.8	+0.9	27.9	1	9.0	27	146	7	-5	63	10	187
Arapito EWS	18	22.0	12.4	17.2	..	27.7	1	8.4	27	140	7	..	61	10	..
Murchison EWS	185	26.1	10.8	18.5	..	33.0	2	6.7	28	74	7	-1	23	10	..
Lake Rotoiti EWS	634	23.6	9.1	16.4	..	28.0	6	4.8	21	93	8	..	35	10	..
Hokitika Aero	39	20.3	12.8	16.6	+0.6	25.3	1	8.2	27	199	11	+27	62	17	196
Hokitika AWS	38	20.3	12.7	16.5	+0.5	25.4	1	7.8	27	194	10	..	61	17	..
Reefton EWS	198	24.7	12.8	18.8	+1.8	32.3	2	7.3	27	81	8	-21	34	12	203
Greymouth Aero	4	21.2	13.2	17.2	+0.8	29.7	1	8.7	27	148	9	+4	38	10	195

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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		
Greymouth Aero EWS	5	20.5	13.7	17.1	..	28.7	1	9.4	27	149	9	..	36	10	225
Mahanga EWS	1995	12.6	6.0	9.3	..	17.6	3	0.9	26	153	10	..	44	13	..
Okarito	2	20.5	12.6	16.6	..	..	..	..	..	..	..	..	..	..	..
Franz Josef	155	21.2	10.7	16.0	+0.5	..	..	..	..	268	10	-97	86	17	..
Franz Josef EWS	80	20.9	11.1	16.0	..	26.4	1	6.7	15	185	8	..	66	17	130
Haast AWS	5	19.6	11.1	15.4	+0.3	24.2	1	5.1	14	154	10	..	67	17	..
Milford Sound	3	20.6	11.8	16.2	+1.3	25.6	1	6.4	19	287	12	-217	147	28	..
Milford Sound AWS	3	21.6	11.4	16.5	..	..	..	..	..	245	14	..	97	28	..
Secretary Island AWS	19	18.6	12.9	15.8	..	23.2	1	8.7	15	391	16	..	188	28	..
Puysegur Point AWS	44	17.5	11.6	14.6	+0.5	22.3	23	7.7	16	163	15	+4	61	28	..
Motueka, Riwaka EWS	8	23.9	12.7	18.3	+0.8	26.5	24	9.1	20	22	5	-63	13	10	..
Maud Island	15	21.7	14.0	17.9	..	24.0	24	12.2	20	67	..	..	..	..	..
Pelorus Sd, Crail Bay	13	22.5	14.5	18.5	+0.5	26.5	5	11.0	..	60	..	-44	23	18	..
Nelson Aero	2	23.0	14.6	18.8	+1.2	27.9	13	11.6	27	30	6	-24	10	10	226
Appleby 2 EWS	18	24.1	12.7	18.4	..	27.7	13	7.2	28	31	6	..	20	10	226
Nelson AWS	4	24.1	14.6	19.4	+1.4	27.4	13	11.7	21	29	6	..	12	10	..
Blenheim Research EWS	4	23.7	12.2	18.0	+0.2	28.1	13	8.1	22	6	4	-36	3	10	215
Blenheim Aero AWS	35	24.6	11.3	18.0	+0.3	29.2	13	6.1	22	11	5	-34	4	18	..
Brothers Island AWS	68	18.2	14.2	16.2	..	20.0	5	11.9	19	13	8	..	4	18	..
Awatere Valley, Dashw	83	23.4	11.8	17.6	..	28.0	25	5.3	27	5	2	..	3	10	..
Grassmere Salt Works	2	23.3	14.7	19.0	+1.2	28.6	13	10.4	27	7	4	-27	4	18	..
Cape Campbell AWS	2	18.8	14.4	16.6	..	22.5	13	12.0	19	8	3	..	5	18	..
Boyle River Lodge	600	24.6	8.5	16.6	..	31.3	6	4.1	1	64	11	..	34	12	..
Hanmer Forest EWS	363	25.0	7.4	16.2	+0.5	32.0	22	2.4	1	21	7	-48	11	18	..
Kaikoura AWS	105	20.3	13.3	16.8	+0.3	27.7	23	9.7	19	22	8	-33	6	10	..
Arthurs Pass	738	20.5	8.6	14.6	+1.6	27.8	3	5.0	1	153	8	-87	63	12	..
Arthurs Pass EWS	738	20.2	8.3	14.3	..	27.7	3	4.6	1	143	8	..	59	12	..
Culverden AWS	181	23.5	10.8	17.2	..	31.5	22	6.4	27	4	8	..	1	10	..
Waiau School Cws	136	24.9	10.4	17.7	..	33.7	23	4.9	27	28	7	..	8	7	..
Cheviot EWS	75	23.7	9.9	16.8	..	35.6	22	5.3	1	30	8	..	10	18	220
Mt Potts EWS	2128	13.1	5.0	9.1	..	17.4	21	-2.1	19	..	..	..	..	..	..
Mt Cook EWS	765	24.0	9.3	16.7	+1.9	29.5	5	2.0	19	115	5	-140	63	12	213
Snowdon EWS	560	22.4	9.6	16.0	..	28.0	22	1.7	1	44	12	..	21	18	..
Methven, Three Spring	305	21.9	10.0	16.0	..	30.3	23	4.5	1	34	10	..	17	18	..
Methven Cws	313	22.4	11.2	16.8	..	30.3	23	4.5	1	40	12	..	13	18	..
Winchmore EWS	160	24.0	10.9	17.5	+1.3	33.1	23	4.8	1	21	9	-32	10	18	..
Peel Forest	286	22.5	9.4	16.0	+0.8	29.5	23	3.5	19	61	11	-29	21	18	..
Ashburton Council	101	24.0	10.2	17.1	+0.2	33.8	23	..	..	19	11	-32	9	18	..
Ashburton Aero AWS	89	22.8	10.2	16.5	..	33.2	23	4.5	1	19	8	..	9	18	226
Waipara West EWS	130	23.4	11.9	17.7	..	33.0	23	7.1	1	27	8	..	8	17	241
Rangiora EWS	23	22.4	11.1	16.8	+0.4	30.2	23	4.9	1	31	7	..	12	17	197
Darfield EWS	190	23.1	11.8	17.5	..	32.2	23	6.0	1	29	7	..	12	18	..
Christchurch Aero	37	22.6	11.2	16.9	+0.1	31.1	23	3.7	1	18	6	-23	8	17	201
Christchurch Gardens	7	22.3	12.0	17.2	+0.1	31.0	23	7.8	19	20	8	-19	8	17	..
Christchurch, Kyle St	6	22.7	12.8	17.8	..	31.4	24	8.2	19	18	6	..	8	17	..
New Brighton Pier AWS	12	18.7	13.6	16.2	..	25.8	24	10.1	19	..	..	..	..	..	..
Lincoln, Broadfield E	18	21.8	11.4	16.6	+0.0	30.9	23	5.5	1	21	6	..	8	18	..
Sugar Loaf AWS	618	19.3	11.0	15.2	..	30.0	23	5.9	19	..	..	..	..	..	..
Lyttelton Harbour	5	20.8	14.1	17.5	..	29.4	24	10.4	19	16	5	..	8	17	..
Leeston, Harts Creek	12	21.8	11.0	16.4	..	32.8	23	4.6	1	16	6	..	10	18	..
Akaroa EWS	45	22.2	12.0	17.1	..	30.2	23	7.6	1	..	..	..	..	..	218
Le Bons Bay AWS	236	19.4	12.2	15.8	+0.2	27.6	23	9.3	1	26	9	..	7	18	..
Lake Tekapo, Air Safa	762	23.6	8.6	16.1	+1.0	29.1	22	2.1	19	5	5	-30	4	18	..
Lake Tekapo EWS	762	24.0	8.8	16.4	..	29.5	22	2.2	19	4	4	..	3	18	252
Fairlie AWS	403	21.4	9.9	15.7	..	28.0	23	4.6	19	10	6	..	6	18	..
Pukaki Aerodrome AWS	473	26.8	7.4	17.1	..	32.3	6	1.6	14	24	5	..	22	18	..
Hakataramea Valley Cw	355	24.5	9.0	16.8	..	32.7	23	2.8	19	12	6	..	5	25	..
Woodbury	195	23.9	9.6	16.8	..	..	..	..	..	..	..	..	..	..	..
Orari Estate	81	22.9	10.1	16.5	+0.6	30.1	24	4.6	1	24	7	-40	13	18	..
Orari Estate Cws	81	21.8	9.9	15.9	..	28.4	23	4.3	1	25	8	..	14	18	..
Timaru Aero AWS	26	22.3	9.4	15.9	+0.4	29.1	24	3.7	1	23	7	-22	12	18	..
Timaru EWS	17	20.2	11.6	15.9	..	27.3	24	7.2	19	37	7	..	23	25	..
Waimate Cws	55	21.4	10.8	16.1	..	28.6	23	3.7	19	23	6	..	9	25	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	mm	Hrs		
Oamaru Airport AWS	30	20.0	10.2	15.1	..	26.1	23	5.4	19	19	11	..	5	18	..
Albert Burn	1280	17.5	5.7	11.6	..	25.6	3	-0.6	19	72	12	..	21	24	..
Eglinton, Knobs Flat	365	22.3	9.2	15.8	..	29.8	3	2.7	16	64	8	..	25	12	..
Tara Hills AWS	488	26.6	8.1	17.4	+1.4	..	..	0.5	19	6	6	-28	2	17	..
Wanaka Aero AWS	352	26.5	11.4	19.0	..	33.0	4	2.9	19	9	7	..	5	17	..
Naseby Forest 2	607	23.5	7.1	15.3	+1.3	31.0	23	..	..	33	6	-21	13	17	..
Windsor EWS	81	23.2	9.0	16.1	..	31.3	22	3.6	19	18	7	..	6	18	..
Ranfurlly EWS	450	25.3	8.1	16.7	..	31.2	23	1.2	19	29	5	..	12	17	..
Oamaru AWS	40	20.5	10.2	15.4	..	26.7	22	5.7	19	23	11	..	6	18	..
Rock And Pillar	270	23.8	9.0	16.4	..	31.2	23	1.7	16	..	..	..	..	..	..
Palmerston	21	21.5	8.4	15.0	+0.2	31.8	22	2.9	16	17	5	-32	8	12	230
Middlemarch EWS	213	24.8	8.2	16.5	..	32.3	23	1.0	16	22	6	..	9	12	220
Swampy Summit AWS	722	16.8	7.8	12.3	..	25.5	22	1.4	8	..	..	..	..	..	..
Dunedin Aero AWS	1	22.3	7.9	15.1	+0.3	31.5	22	1.3	16	40	8	-19	24	12	..
Dunedin, Musselburgh	4	19.7	11.7	15.7	+0.5	28.1	22	6.2	16	37	8	-25	17	12	245
Murchison Mtns EWS	1140	14.4	6.3	10.4	..	21.9	4	0.8	15	129	15	..	55	28	..
Takahe Valley Cws	895	17.5	7.4	12.5	..	24.2	4	1.2	19	111	9	..	51	28	..
Manapouri, West Arm J	178	22.8	12.3	17.6	..	31.1	2	8.7	15	178	12	..	108	28	..
Manapouri Aero AWS	209	21.4	9.6	15.5	..	28.7	1	3.5	15	74	5	..	40	12	..
Queenstown	329	25.4	11.5	18.5	+1.9	33.0	6	5.3	19	28	5	-30	12	12	229
Queenstown Aero AWS	354	24.0	9.5	16.8	+1.4	29.9	6	2.1	19	19	4	-29	9	12	..
Lumsden AWS	187	21.2	8.9	15.1	+0.7	29.0	6	1.1	16	47	9	..	26	12	..
Cromwell EWS	213	27.4	12.1	19.8	..	34.2	5	3.2	19	13	3	..	7	17	269
Lauder EWS	375	25.2	9.4	17.3	..	31.4	5	2.0	19	27	5	..	13	17	..
Ophir 2	305	25.7	7.5	16.6	..	32.4	4	1.2	16	25	3	..	17	17	..
Alexandra	150	27.4	10.1	18.8	..	33.9	2	3.2	19	18	4	..	13	17	247
Clyde EWS	171	25.7	10.2	18.0	+1.3	31.8	2	2.8	19	20	4	..	14	17	..
Alexandra Cws	140	26.0	10.7	18.4	..	32.1	2	4.1	19	18	8	..	11	17	..
Ettrick No.2	91	23.9	8.7	16.3	+0.7	30.6	2	2.8	16	36	6	..	16	12	..
Tapanui	180	22.3	8.2	15.3	+0.9	29.1	23	1.3	8	53	12	-25	28	12	..
Waitutu Cws	30	20.0	9.9	15.0	..	26.9	22	3.2	16	157	11	..	56	28	..
Winton	44	21.0	9.1	15.1	+0.8	28.0	1	3.2	8	50	6	-21	38	12	172
Gore AWS	123	19.6	9.0	14.3	+0.1	26.1	1	2.9	16	52	10	-27	36	12	..
Invercargill Aero	19.1	19.1	9.5	14.3	+0.4	25.6	1	2.2	8	58	12	-23	22	12	204
Invercargill Aero AWS	1	19.3	9.4	14.4	..	26.0	1	2.9	8	57	11	..	20	12	..
Invercargill Aero 2 E	..	..	..	..	..	..	..	..	..	55	10	..	20	12	195
Tiwai Point EWS	5	17.7	11.0	14.4	-0.1	25.9	23	6.4	8	62	10	-14	19	12	..
Balclutha, Telford Ew	11	20.0	8.8	14.4	..	28.2	22	1.0	8	32	4	..	29	12	269
Nugget Point AWS	129	18.6	10.9	14.8	+0.8	28.8	22	7.0	8	36	10	..	27	12	..
Tautuku	25	19.7	9.6	14.7	+0.8	27.0	23	4.0	8	59	8	-45	35	12	..
South West Cape AWS	101	16.1	10.5	13.3	..	22.7	1	7.4	15	84	15	..	35	28	..
Solomon, Taro Is	3	31.6	25.0	28.3	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.9	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Auki	11	..	24.9	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	32.0	24.2	28.1	..	..	..	22.5	18	..	..	..	..	..	..
Solomon, Henderson	9	32.4	23.6	28.0	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	31.5	24.4	28.0	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Sola	13	31.8	24.3	28.1	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	..	23.4	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	..	20.7	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Burtonfield	70	31.8	21.3	26.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Aneityum	6	29.6	22.4	26.0	..	..	..	..	..	..	..	..	..	..	..
New Cal, Oulop	7	31.0	23.9	27.5	..	32.3	27	19.3	3	..	..	..	..	..	..
New Cal, Ouanaham	29	30.0	22.4	26.2	..	30.8	6	14.1	3	..	..	..	..	..	..
New Cal, Poinoimie	13	29.9	23.5	26.7	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Roche	42	30.4	20.6	25.5	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Tontouta	14	32.4	20.4	26.4	..	34.4	4	16.2	19	86	15	..	23	23	..
New Cal, Nouma	72	28.8	23.3	26.1	..	31.7	28	20.9	3	127	15	..	50	6	..
New Cal, Moue	97	28.9	21.9	25.4	..	30.6	4	18.3	2	..	..	..	..	..	..
New Cal, Matthew	27	27.4	24.5	26.0	..	29.2	3	22.3	2	..	..	..	..	..	..
Kiribati,Tarawa	2	..	26.1	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nanumea Is	2	30.6	23.9	27.3	..	..	..	22.1	10	..	..	..	..	..	..
Tuvalu,Nui Is	2	30.8	25.1	28.0	..	..	..	23.5	10	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine February 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, Funafuti Aero	1	30.7	25.8	28.3	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	31.5	25.9	28.7	..	..	..	..	..	..	..	..	..	..
Fiji, Rotuma	26	30.9	25.0	28.0	..	..	..	23.7	11	..	..	..	..	..
Fiji, Nambowalu	36	30.9	24.5	27.7	..	..	..	..	..	..	..	..	..	..
Fiji, Nadi Aero	15	32.2	23.6	27.9	..	..	..	21.3	10	..	..	..	..	..
Fiji, Nausori Aero	6	30.8	23.8	27.3	..	..	..	..	..	..	..	..	..	..
Fiji, Vunisea	33	29.8	24.3	27.1	..	..	..	..	..	..	..	..	..	..
Kiribati, Kanton Isl	2	31.6	25.1	28.4	..	..	..	..	..	..	..	..	..	..
Wallis Island, Hihifo	27	31.3	25.8	28.6	..	32.2	2	24.2	28	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.5	25.7	28.6	..	34.0	3	24.5	6	298	24	..	75	5	
Samoa, Faleolo	4	30.3	24.6	27.5	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.4	25.2	27.8	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.1	26.7	28.9	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	31.2	25.0	28.1	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	29.7	24.5	27.1	..	..	..	..	..	..	..	..	..	..
Tonga, Fuaamotu Aero	38	29.7	23.1	26.4	..	..	..	..	..	..	..	..	..	..
Niue, Hanan Airport	59	29.2	24.0	26.6	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	28.9	24.0	26.5	..	31.0	18	..	..	..	..	..	..	..
Rarotonga EWS	4	29.0	24.0	26.5	..	31.0	18	21.1	7	99	17	..	29	23	
Hiva Hoa, Atuona	51	31.8	24.4	28.1	..	34.1	12	22.6	16	..	..	..	..	..
Tahiti - Faaa	1	31.3	25.9	28.6	..	32.9	11	24.2	19	203	19	..	61	2	
Tuamotu, Hao	3	29.3	25.2	27.3	..	30.6	14	22.4	15	..	..	..	..	..
Tuamotu, Hereheretue	3	29.8	25.4	27.6	..	30.9	11	..	..	..	..	..	..	..
Gambier, Rikitea	91	28.6	24.0	26.3	..	29.7	18	21.8	27	76	14	..	36	1	
Rapa	1	25.0	21.7	23.4	..	27.3	21	18.0	13	160	16	..	117	3	
Pitcairn Is	264	26.4	20.9	23.7	..	28.1	23	19.7	16	133	..	..	..	220
Raoul Island AWS	49	25.7	21.3	23.5	..	28.1	25	19.3	4	105	14	..	65	21	
Enderby Is AWS	40	12.5	8.3	10.4	..	14.8	24	5.4	15	134	19	..	68	23	
Campbell Island AWS	19	11.7	7.0	9.4	-0.2	15.1	1	3.2	1	71	22	-35	9	21	
Chatham Islands AWS	48	18.0	12.2	15.1	-0.1	21.7	24	8.5	11	60	12	+1	24	18	
Chatham Island EWS	14	19.5	12.0	15.8	..	23.1	21	7.7	18	49	10	..	21	18	
Georg Von Neumayer	40	-3.4	-11.1	-7.3	..	1.8	5	-20.3	28	..	..	..	..	..
Halley Bay	30	-6.1	-14.8	-10.5	..	5.3	9	-23.0	27	..	..	..	..	..
Gen Belgrano 2	32	-2.0	-9.6	-5.8	..	4.6	3	-15.8	27	..	..	..	..	..
Base Jubany	4	1.9	-1.0	0.5	..	5.0	12	-5.5	22	..	..	..	..	..
Dinamet	10	1.9	-0.4	0.8	..	..	..	..	..	..	..	..	..	..
V C Marambio	198	-0.9	-5.7	-3.3	..	7.8	17	-14.4	22	..	..	..	..	..
Eduardo Frei	10	1.0	-1.2	-0.1	..	..	..	..	..	..	..	..	..	..
Arturo Prat	..	1.8	-1.0	0.4	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	0.9	-1.7	-0.4	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	3.9	0.4	2.2	..	6.3	14	-1.0	9	..	..	..	..	..
Rothera Point	16	3.0	0.2	1.6	..	5.6	12	-1.4	22	..	..	..	..	..
King Sejong	11	1.4	-0.9	0.3	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-0.4	-3.6	-2.0	..	4.4	11	-11.7	22	..	..	..	..	..
Mawson	16	-0.3	-6.8	-3.6	..	3.2	2	-13.7	27	..	..	..	..	..
Davis	13	0.6	-4.1	-1.8	..	..	..	-8.0	28	..	..	..	..	..
Progress	64	-0.6	-4.0	-2.3	..	3.6	14	-9.1	25	..	..	..	..	..
Vostok	3420	-38.3	-48.3	-43.3	..	-30.5	1	-58.1	24	..	..	..	..	..
Casey	41	-1.0	-5.7	-3.4	..	4.9	1	-11.8	23	..	..	..	..	..
Durmunt Durville	43	-1.8	-6.5	-4.2	..	3.2	3	-16.6	23	..	..	..	..	..
Mcmurdo	24	-6.2	-10.7	-8.5	..	..	..	..	..	..	..	..	..	..
Ant Scott Base	16	-7.4	-13.8	-10.6	..	-0.5	25	-19.8	22	..	..	..	..	..
Ant Arrival Heights E	185	-8.5	-14.0	-11.3	..	-1.2	7	-20.4	22	..	..	..	..	..
Ant Scott Base EWS	16	-7.9	-13.9	-10.9	..	-1.4	7	-19.7	22	..	..	..	..	..
Darwin Airport	31	32.4	20.7	26.6	..	34.3	18	18.5	4	458	16	..	138	25	
Hobart Airport	4	27.0	12.7	19.9	..	33.6	20	8.0	18	38	7	..	18	4	

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 January 2010															
North Shore, Auckland	20	24.0	15.9	20.0	..	27.7	30	10.9	10	..	..	..	..	..
Henderson, Auckland R	35	23.7	16.2	20.0	..	27.6	16	10.7	10	..	..	..	..	..
Lincoln Rd, Auckland	25	25.2	13.1	19.2	..	28.5	16	7.7	10	..	..	..	..	..
Musick Pt Ews, Auckla	18	23.0	15.0	19.0	..	28.2	30	11.3	12	..	..	..	..	..
Thames 2	3	24.5	14.6	19.6	-0.1	..	..	8.0	..	64	..	+5	30	31
Rotorua Aero 2	281	..	..	..	..	..	..	..	..	..	..	..	..	232
Taupo AWS	400	22.5	10.8	16.7	-0.7	25.6	14	1.4	9	107	14	..	35	21	
Pakuranga, Auckland R	15	23.9	14.6	19.3	..	27.1	29	8.5	10	..	..	..	..	..
Penrose Ews, Auckland	30	23.5	14.8	19.2	..	27.6	30	9.8	10	..	..	..	..	..
Lower Retaruke	219	23.0	11.6	17.3	-0.3	28.4	30	3.5	9	151	16	+44	46	21	
Martinborough EWS	20	22.7	12.8	17.8	..	29.5	30	5.6	14	74	15	..	36	22	
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	184
Wellington Aero	4	19.7	13.9	16.8	-1.0	26.9	30	10.7	12	73	11	+12	17	10	
Ohakune EWS	607	19.9	9.3	14.6	..	23.8	27	2.1	9	198	17	..	33	21	
Taihape Rec	433	22.2	10.8	16.5	-0.2	28.0	20	3.1	10	54	18	-17	12	26	
Wanganui, Spriggens Pa	15	21.5	13.9	17.7	-0.5	26.9	20	8.9	12	59	11	-3	20	21	
Takaka EWS	20	22.6	12.2	17.4	..	27.9	31	6.7	11	111	10	..	41	20	
Blackball	35	22.1	11.5	16.8	..	28.9	31	7.0	8	376	..	..	76	3
Blenheim Research EWS	4	23.6	13.3	18.5	+0.5	32.4	1	9.1	12	41	6	-7	24	10	
Akaroa EWS	45	21.4	11.2	16.3	..	29.4	1	7.7	9	..	..	..	..	204
Lake Tekapo EWS	762	21.0	8.7	14.9	..	28.6	1	2.9	11	90	11	..	33	6	
Naseby Forest 2	607	20.8	7.8	14.3	+0.2	..	..	..	..	59	11	-12	20	21
Balclutha, Finegand	6	18.8	10.0	14.4	-0.6	25.0	1	..	..	99	14	+28	25	13
Late returns and corrections for December 2009															
Rotorua Aero 2	281	20.7	11.4	16.1	..	26.0	10	7.0	8	..	..	..	..	257
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	210
Takaka EWS	20	21.6	10.6	16.1	..	27.6	29	5.9	31	52	12	..	20	11	
Blackball	35	19.3	9.7	14.5	..	23.5	4	3.8	..	374	..	..	..	..
Akaroa EWS	45	20.3	9.9	15.1	..	29.8	18	4.4	4	25	8	..	9	14	
Late returns and corrections for November 2009															
Takaka EWS	20	20.9	8.5	14.7	..	27.1	21	3.7	13	99	9	..	34	30	
Late returns and corrections for October 2009															
Takaka EWS	20	16.6	6.1	11.4	..	21.3	28	2.0	11	191	15	..	37	8	
Late returns and corrections for September 2009															
Takaka EWS	20	15.5	4.4	10.0	..	19.4	13	-0.9	6	194	14	..	43	29	
Late returns and corrections for August 2009															
Takaka EWS	20	15.0	5.6	10.3	..	20.0	28	-0.3	8	262	19	..	82	25	
Late returns and corrections for July 2009															
Takaka EWS	20	12.7	1.7	7.2	..	16.9	31	-1.9	13	173	16	..	67	23	
Late returns and corrections for June 2009															
Takaka EWS	20	12.7	2.1	7.4	..	16.8	14	-2.5	19	187	10	..	42	10	

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.

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