



Climate Database Statistics Report

February 2024

A report of monthly climate data and differences from normal:
current observations, late returns and corrections

Summary of the records of Temperature, Rainfall and Sunshine February 2024

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		mm		mm	mm		Hrs
Cape Reinga AWS	213	23.5	16.7	20.1	+0.3	26.2	24	14.3	4	12	5	..	6	27	..
Kaitaia Aero EWS	80	25.3	15.7	20.5	+0.2	27.5	8	10.5	12	..	..	..	..	..	..
Kaitaia Airport AWS	77	25.3	15.4	20.4	..	..	..	..	..	..	..	..	..	..	..
Kaitaia EWS	85	25.5	16.3	20.9	+0.9	28.2	20	11.4	12	23	9	-63	10	26	189
Kerikeri EWS	79	25.7	14.4	20.1	+0.2	28.9	20	9.6	12	23	5	-92	7	25	..
Kerikeri Aerodrome Aw	149	25.3	14.8	20.1	+0.3	28.4	20	11.0	4	38	9	-85	19	23	..
Kaikohe AWS	204	25.1	14.7	19.9	+0.4	28.5	6	10.0	12	36	10	-72	13	26	..
Trounson CWS	244	23.6	13.9	18.8	+0.5	26.5	9	9.3	12	36	10	-48	15	2	..
Dargaville 2 EWS	66	25.3	15.6	20.5	+0.7	28.6	24	11.3	12	18	7	-38	7	25	185
Purerua AWS	87	24.1	15.9	20.0	+0.2	27.2	1	12.0	12	33	10	-44	14	26	..
Russell CWS	15	25.0	13.3	19.2	..	27.6	20	8.6	12	33	12	-57	17	26	..
Whangarei Aero AWS	37	24.9	15.6	20.3	-0.3	28.8	24	11.9	12	..	..	..	..	..	..
Whangarei EWS	12	26.1	14.1	20.1	+0.2	29.4	24	9.0	12	14	7	..	6	26	217
Mokohinau Island AWS	70	23.4	18.7	21.1	+0.5	25.5	20	16.6	3	18	8	-39	8	26	..
Leigh 2 EWS	27	26.8	17.1	22.0	..	30.2	16	13.4	5	17	6	-55	7	26	..
Warkworth EWS	72	24.6	12.8	18.7	-0.2	27.0	24	6.9	22	43	9	-43	16	25	..
Whangaparaoa AWS	100	25.8	16.6	21.2	+0.7	28.9	8	14.1	22	56	10	-8	37	25	..
Tiri Tiri Lighthouse	76	23.5	15.6	19.6	-0.5	26.1	2	13.0	3	62	7	-7	45	25	..
Auckland, Whenuapai A	26	25.2	13.6	19.4	-0.4	28.6	24	8.4	22	30	8	..	13	26	..
Auckland, North Shore	64	25.2	14.8	20.0	+0.2	27.5	17	10.2	22	28	10	-37	12	26	242
Auckland, Henderson N	7	26.3	14.1	20.2	-0.1	29.6	24	9.3	22	41	12	-33	19	26	..
Auckland, Motat EWS	16	25.4	15.2	20.3	..	27.7	24	10.1	22	26	8	..	15	26	269
Waiheke Island, Awaro	34	26.3	13.0	19.7	-0.3	..	..	9.0	5	43	..	-32	16	2	..
Manukau Heads EWS	240	21.2	15.7	18.5	..	24.4	17	12.3	4	57	9	..	17	24	250
Whitianga Aero AWS	5	25.0	14.3	19.7	+0.2	28.4	8	9.8	5	63	8	-49	17	2	..
Whitianga EWS	1	25.7	13.9	19.8	+0.1	29.3	24	10.2	5	56	6	..	17	26	..
Thames EWS	3	25.4	14.4	19.9	..	27.6	8	10.1	21	29	10	..	9	2	..
Matamata, Hinuera EWS	85	25.6	12.1	18.9	+0.2	28.7	8	6.5	21	55	8	-4	17	2	..
Tauranga CWS	3	24.1	15.5	19.8	..	28.8	1	11.3	4	70	12	..	20	26	..
Tauranga Aero AWS	2	25.5	14.9	20.2	+0.1	28.6	1	9.9	12	80	9	-3	26	22	271
Te Puke EWS	123	25.0	14.8	19.9	+0.8	28.6	1	8.7	12	60	8	-59	45	26	..
Whakatane Aero AWS	8	25.0	14.4	19.7	+0.2	31.5	1	8.2	4	46	11	-34	25	26	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	267
Whakatane EWS	1	25.4	15.1	20.3	..	30.9	1	7.3	12	58	9	..	24	26	..
Mamaku Radar WXT AWS	17	20.0	12.0	16.0	+0.1	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	28.6	14.2	21.4	+1.5	32.0	20	7.9	4	..	..	..	..	..	224
Rotorua EWS	288	23.3	12.3	17.8	..	27.6	8	6.1	4	61	11	..	17	25	256
Rotorua Aero AWS	286	24.0	12.8	18.4	+0.3	27.4	8	5.9	4	63	12	-37	23	26	..
Galatea AWS	175	24.8	12.9	18.9	+0.3	29.6	8	6.5	4	38	10	..	21	26	..
Taupo CWS	360	24.9	12.2	18.6	..	29.6	8	4.8	12	32	9	..	9	2	..
Tarapounamu EWS	701	20.0	10.5	15.3	-0.1	26.8	5	4.3	4	58	13	-2	20	2	..
Taupo Aero AWS	402	23.1	11.7	17.4	+0.0	27.5	6	2.8	12	23	8	-42	6	2	..
Motu EWS	488	23.5	11.0	17.3	+1.2	..	..	..	..	72	10	-47	33	2	..
Auckland, Mangere 2 E	16	25.1	15.5	20.3	..	28.0	24	11.0	12	35	8	-21	12	26	260
Auckland Aero	7	24.9	16.0	20.5	+0.0	27.5	9	12.3	12	44	7	-19	16	24	..
Auckland Aero Backup	7	24.7	16.1	20.4	+0.0	27.2	9	12.4	12	41	7	..	14	24	..
Ardmore Aero AWS	41	25.3	13.2	19.3	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	22.7	12.0	17.4	-2.0	26.1	17	8.2	21	56	8	-8	23	24	..
Firth Of Thames EWS	3	25.9	12.6	19.3	-0.1	28.2	8	7.9	13	48	7	-22	12	2	258
Whatawhata 2 EWS	118	24.9	13.0	19.0	-0.1	28.8	9	7.8	12	62	10	-13	16	24	..
Hamilton, Ruakura 2 E	45	25.9	12.3	19.1	+0.0	28.9	16	7.3	21	48	8	-17	10	2	253
Hamilton Aero AWS	53	25.2	11.7	18.5	-0.6	28.4	17	6.0	21	72	12	-1	15	24	..
Lake Karapiro CWS	55	25.8	14.7	20.3	+0.3	30.0	7	10.8	4	26	11	-40	8	3	..
Port Taharoa AWS	18	22.4	15.5	19.0	-0.7	26.5	9	11.1	12	44	12	-13	11	24	..
Awakino EWS	400	20.2	12.5	16.4	..	25.7	9	7.9	12	88	15	-20	27	2	..
Waikeria EWS	37	25.5	11.7	18.6	..	28.7	8	6.2	13	..	..	..	..	..	231
Te Kuiti EWS	61	25.3	11.1	18.2	-0.7	29.4	9	5.2	12	37	10	-46	13	24	228
Pureora Forest CWS	549	21.3	9.4	15.4	-0.5	25.1	7	3.1	12	44	12	-32	17	2	..
Taumarunui EWS	170	24.9	10.9	17.9	-0.1	29.8	7	4.3	12	44	9	-47	14	2	..
Taumarunui AWS	186	25.2	10.8	18.0	-0.3	..	..	..	..	91	12	..	36	9	209
Turangi 2 EWS	360	23.0	9.8	16.4	-0.6	28.1	8	1.7	12	58	8	-33	17	24	247
New Plymouth Aero AWS	28	21.9	13.1	17.5	-0.7	25.5	9	8.2	13	55	11	-35	15	24	282
Lower Retaruke CWS	233	24.0	11.5	17.8	-0.2	29.1	6	4.5	12	60	8	-39	32	2	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Mt Ruapehu, Chateau E	1097	18.8	7.5	13.2	+0.4	26.3	7	0.7	4	64	13	-93	19	2	..
Pahiatua EWS	110	22.3	11.2	16.8	-0.5	26.6	22	1.6	12	60	9	..	20	2	..
Masterton Aero AWS	105	25.1	10.0	17.6	-0.3	32.9	6	3.3	12
Masterton EWS	90	25.7	9.7	17.7	+0.1	34.7	6	3.1	12	28	10	..	15	10	248
Masterton, Te Ore Ore	110	26.2	10.6	18.4	-0.1	32.7	6	3.1	12	28	9	-21	12	10	..
Takapau Plains AWS	346	22.8	11.1	17.0	+0.2
Dannevirke EWS	207	23.4	11.7	17.6	+0.3	27.3	6	3.4	12	40	8	-30	22	2	247
Cape Turnagain AWS	285	19.5	13.6	16.6	+0.4	27.3	6	9.0	12	36	10	..	9	28	..
Akitio EWS	245	21.6	12.8	17.2	+0.4	28.0	6	6.5	12	26	9	..	9	8	277
Castlepoint AWS	120	22.8	14.5	18.7	+0.8
Baring Head	79	20.0	14.0	17.0	..	23.7	8	8.0	12	7	9	..	3	2	..
Te Wharau, Brackenfie	292	23.8	10.0	16.9	+0.0	32.8	6	3.6	12	31	5	-20	10	2	..
Martinborough EWS	20	24.6	11.5	18.1	+0.3	31.9	6	2.6	21	22	8	-30	10	2	218
Ngawi AWS	8	23.5	15.2	19.4	+0.7	32.8	6	10.2	12	20	11	-23	4	19	..
Hicks Bay AWS	46	22.3	16.1	19.2	-0.2	25.9	1	9.9	12
Gisborne Aero AWS	5	25.4	14.4	19.9	+0.6	31.9	6	8.4	12	34	8	-34	18	26	259
Gisborne EWS	12	26.1	14.2	20.2	+0.0	32.1	8	7.9	12	17	8	-49	9	26	..
Tolaga Bay WXT AWS	15	22.8	14.6	18.7	+0.3	27.5	19	8.5	13	47	15	..	11	29	..
Tutira CWS	235	23.8	13.1	18.5	+0.6	31.7	7	6.2	12	39	13	-29	9	8	..
Napier Aero AWS	3	24.6	13.4	19.0	+0.1	30.6	19	7.1	12	22	10	-32	12	8	..
Napier EWS	7	24.6	15.0	19.8	..	30.8	19	7.6	12	21	10	-31	10	8	258
Maraekakaho CWS	150	25.5	11.8	18.7	..	31.9	7	3.4	12	23	7	..	14	27	..
Hastings AWS	16	26.2	12.9	19.6	+0.4	12	7	..	6	8	..
Whakatu EWS	5	25.0	11.5	18.3	+0.3	30.4	24	4.1	12	21	9	-27	7	8	..
Waipawa EWS	130	25.6	10.2	17.9	-0.1	31.6	6	3.3	12	14	9	-41	5	3	229
Wairoa, North Clyde E	15	26.2	14.0	20.1	+0.8	30.8	15	7.6	12	65	9	-23	40	29	..
Wairoa Aero AWS	13	24.8	13.4	19.1	+0.4	29.2	15	5.6	12	73	11	..	42	29	..
Mahia Radar WXT AWS	419	20.9	14.2	17.6	+0.8
Mahia AWS	136	22.1	15.6	18.9	+0.3	26.9	19	11.9	12	29	11	-38	13	26	..
Cape Kidnappers WXT A	113	21.3	16.5	18.9	+0.4	27.5	19	12.2	12
Paraparaumu Aero	5	21.7	13.0	17.4	-0.2	30	9	-38	11	2	222
Paraparaumu Aero AWS	8	21.5	14.1	17.8	+0.2	24.5	21	5.9	4	33	11	-27	12	2	231
Paraparaumu Aero EWS	5	21.9	14.1	18.0	..	24.9	21	5.9	4	29	9	-33	11	2	222
Ohakea AWS	47	22.5	13.0	17.8	-0.5	25.6	22	5.9	12	44	11	..	23	2	..
Palmerston North Aero	39	23.5	12.4	18.0	-0.4	26.6	17	2.8	12	54	12	-3	20	2	..
Palmerston North EWS	21	23.5	13.1	18.3	-0.1	27.3	22	3.4	12	45	9	-24	16	3	219
Levin AWS	15	22.7	13.2	18.0	+0.0	26.1	25	5.6	12	30	9	-51	10	2	..
Levin EWS	23	23.1	12.8	18.0	..	25.9	22	5.6	4	28	9	..	11	2	202
Mana Island AWS	110	19.3	14.6	17.0	+0.4	22.4	9	9.2	12	17	9	..	5	24	..
Porirua, Elsdon Park	7	21.1	14.4	17.8
Wellington, Kelburn A	125	20.6	14.2	17.4	+0.1
Wellington Aero	4	21.9	15.1	18.5	+0.5	24.9	22	9.6	21	26	7	-34	8	10	..
Wellington, Greta Poi	3	24.2	17.0	20.6	+2.3	30.4	9	12.1	21	23	7	..	7	2	..
Wellington Aero Backu	4	21.9	15.2	18.6	+0.7	24.9	22	9.6	21	27	8	-40	9	10	..
Upper Hutt, Trentham	50	22.2	12.4	17.3	+0.3	25.8	8	4.1	21	43	6	-28	11	2	240
Stratford EWS	280	21.0	10.5	15.8	-0.8	25.8	9	5.0	12	48	8	-74	18	2	205
Manaia, Motumate Stm	105	23.3	12.6	18.0	..	26.7	16	5.2	12
Hawera AWS	100	21.2	12.4	16.8	-0.3	24.9	24	4.9	12	44	10	-17	25	2	..
Ohakune EWS	607	21.8	10.3	16.1	+0.1	28.4	6	3.0	12	108	14	+35	31	9	..
Waiouru Aero AWS	820	19.6	7.9	13.8	-0.2	24.8	6	0.8	12	77	22	..	25	2	..
Waiouru EWS	803	20.0	8.3	14.2	..	26.0	6	1.1	12	64	16	+3	22	2	..
Taihape Rec	433	23.7	10.2	17.0	+0.1	29.0	6	2.0	12	48	..	-7	15	2	..
Flat Hills WXT AWS	262	22.1	12.1	17.1	-0.3	26.0	6	4.4	12	62	10	+5	25	2	..
Whanganui, Spriggens	15	23.1	14.3	18.7	+0.1	29.4	9	8.0	12	36	6	-34	24	2	..
Whanganui Aero AWS	14	22.3	14.0	18.2	+0.0	28.0	9	8.3	12	43	9	-5	25	2	..
Wanganui 2 AWS	18	23.8	13.6	18.7	+0.0
Takaka EWS	20	24.1	10.1	17.1	-0.3	28.2	1	6.5	12	37	4	-69	20	24	288
Westport Aero AWS	5	19.3	11.4	15.4	-1.4	21.7	7	8.2	21	124	14	+3	35	2	..
Westport EWS	6	19.5	11.1	15.3	7.6	21	121	10	..	36	2	..
Arapito EWS	3	21.6	10.8	16.2	-0.5	23.9	7	6.7	21	146	10	+19	59	2	210
Hokitika Aero	39	19.3	10.4	14.9	-1.1	22.5	7	6.7	13	133	10	-59	32	2	214
Hokitika Aero AWS	40	19.2	10.4	14.8	-1.2	22.2	7	7.0	20	140	17	-47	35	2	265
Hokitika EWS	39	19.2	10.2	14.7	..	22.4	7	6.6	13	126	11	..	31	2	..

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Reefton EWS	198	22.5	9.3	15.9	-1.5	26.6	5	5.1	12	66	7	-36	32	2	228
Greymouth Aero EWS	5	19.8	10.9	15.4	-0.9	22.0	7	7.4	21	98	8	-61	28	2	230
Pigeon Creek CWS	105	20.5	10.2	15.4	-1.0	25.4	28	5.9	12	225	11	..	67	2	..
Mt Philistine EWS	1655	10.2	3.0	6.6	-0.8	18.0	5	-2.3	11	373	14	..	108	24	..
Mahanga EWS	1995	10.9	3.4	7.2	-0.3	18.8	5	-3.8	11	163	13	..	65	2	..
Ivory Glacier CWS	1390	11.2	4.5	7.9	..	15.6	6	-0.8	3	329	11	-164	121	24	..
Okarito EWS	1	18.6	10.1	14.4	..	20.9	1	5.7	11	180	10	..	54	15	..
Franz Josef EWS	80	19.3	9.4	14.4	-1.1	22.4	1	5.1	11	296	11	-14	132	15	145
Lake Moeraki EWS	10	18.1	8.8	13.5	..	20.3	6	4.0	21	252	14	..	81	15	..
Haast AWS	1	17.9	9.7	13.8	-1.2	19.7	6	5.7	12	218	23	+15	57	15	..
Milford Sound AWS	3	18.2	10.0	14.1	-1.3	20.7	16	5.6	20	737	15	+270	125	6	..
Milford Sound EWS	3	18.1	9.7	13.9	..	20.5	16	5.4	20	716	23	..	120	6	..
Secretary Island AWS	19	17.5	11.2	14.4	-0.7	..	..	6.5	11	..	..	..	165	6	..
Puysegur Point AWS	45	16.6	11.8	14.2	+0.1	21.3	23	8.2	3	..	..	..	..	..	..
Stephens Island AWS	188	19.9	13.9	16.9	..	..	..	..	..	..	..	..	..	..	..
Motueka, Riwaka EWS	8	24.5	11.2	17.9	+0.1	30.9	7	5.3	4	15	3	-66	8	2	..
Pelorus Sd, Crail Bay	13	23.1	14.3	18.7	+0.5	27.8	7	9.6	4	42	3	-64	24	2	..
Nelson Aero	2	22.8	13.5	18.2	+0.0	26.6	19	7.4	4	18	5	-45	7	24	..
Appleby 2 EWS	18	23.9	9.5	16.7	-0.3	27.7	19	3.1	4	11	4	-55	5	2	296
Richmond EWS	1	22.7	12.1	17.4	-0.5	26.7	15	6.4	4	11	4	..	5	24	298
Nelson Aero AWS	6	22.3	13.9	18.1	-0.2	26.2	19	8.3	3	..	..	..	..	..	..
Blenheim Research EWS	4	24.2	11.6	17.9	+0.0	..	..	..	..	13	5	-32	10	2	287
Wairau Valley, Mill R	172	25.4	10.8	18.1	+0.4	34.9	6	4.2	21	21	4	-75	17	2	..
Blenheim Aero AWS	36	25.4	10.8	18.1	+0.4	34.9	6	4.9	4	24	6	-24	16	2	..
Brothers Island AWS	68	19.0	14.8	16.9	+0.2	..	..	..	..	..	..	..	..	..	..
Grassmere Salt Works	2	22.8	15.1	19.0	+0.8	28.3	15	8.5	21	7	7	-30	4	2	..
Cape Campbell AWS	6	19.7	14.4	17.1	+0.5	23.5	19	10.2	21	12	6	-25	6	2	..
Boyle River Lodge	600	23.3	8.0	15.7	+0.1	30.0	5	2.0	4	85	11	-21	49	2	..
Hanmer Forest EWS	363	26.1	8.0	17.1	+1.3	37.0	5	0.8	4	39	7	-20	17	2	..
Kaikoura, Middle Cree	5	21.3	10.2	15.8	+0.0	28.4	14	3.1	4	..	..	..	..	..	..
Kaikoura AWS	108	21.2	13.2	17.2	+0.5	29.5	6	8.4	4	55	7	+16	25	10	..
Arthurs Pass	745	17.4	7.7	12.6	-0.8	21.9	6	2.4	3	233	10	-40	61	2	..
Arthurs Pass EWS	745	17.7	7.6	12.7	-0.9	22.0	29	2.4	3	255	10	..	69	24	..
Arthurs Pass AWS	743	17.0	7.6	12.3	-0.6	22.2	5	2.2	3	281	10	..	79	24	..
Culverden AWS	181	23.4	10.9	17.2	+0.5	34.3	5	3.7	12	19	11	-21	6	2	..
Medbury CWS	232	24.1	9.6	16.9	+0.0	35.5	5	1.2	12	18	5	..	8	10	..
Balmoral East CWS	172	24.1	9.7	16.9	..	34.4	5	1.8	4	14	6	..	5	10	..
Waipara North Branch	497	22.4	8.4	15.4	..	31.7	5	0.0	12	30	8	..	9	2	..
Waiau School CWS	136	25.4	10.3	17.9	+0.3	36.5	5	3.4	21	25	8	-26	7	10	..
Cheviot EWS	75	24.1	10.4	17.3	+0.6	36.3	6	2.5	12	45	7	-8	15	10	231
Upper Rakaia EWS	1752	12.2	4.5	8.4	+0.5	..	..	..	..	164	18	-20	44	15	..
Mt Potts EWS	2128	11.0	3.2	7.1	+0.0	16.4	5	-6.4	11	..	..	..	..	..	..
Mt Cook EWS	730	20.7	8.7	14.7	+0.0	27.1	6	1.5	11	264	10	-8	89	24	210
Mueller Hut EWS	1818	11.5	4.1	7.8	-0.5	15.9	26	-4.6	11	318	13	..	109	15	..
Mt Cook Aero AWS	656	22.0	8.5	15.3	+0.4	..	..	..	..	..	..	..	..	..	..
Cass EWS	571	21.9	7.8	14.9	..	27.3	5	-0.4	21	31	6	..	17	2	..
Methven CWS	313	21.9	10.1	16.0	+0.0	33.6	5	3.8	21	64	11	+5	38	10	..
Te Pirita at Sharland	208	21.3	10.5	15.9	..	30.3	5	4.5	4	41	8	..	20	10	..
Winchmore 2 EWS	164	22.2	8.9	15.6	..	31.0	5	2.8	4	40	7	-16	23	10	207
Chertsey CWS	108	21.6	10.7	16.2	-0.2	29.1	5	4.2	21	54	7	+6	30	10	..
Mayfield at Ruapuna F	325	21.3	9.5	15.4	..	30.5	5	3.0	11	80	14	..	40	10	..
Peel Forest	286	21.7	9.2	15.5	+0.2	30.5	5	2.7	11	65	18	-36	27	10	..
Lismore, Racemans Hou	168	21.5	10.5	16.0	+0.2	31.1	5	3.6	21	26	8	..	13	10	..
Ashburton Council	101	23.3	10.8	17.1	+0.2	32.6	5	5.1	21	26	10	-29	18	10	..
Ashburton Aero AWS	88	22.4	10.0	16.2	+0.1	32.2	5	2.8	21	35	9	-29	20	10	203
Wakanui 2 CWS	53	21.9	10.3	16.1	..	31.4	14	4.2	21	27	8	..	11	10	..
Waipara West EWS	130	24.3	11.2	17.8	+0.7	36.9	5	5.3	21	21	6	-24	11	10	217
Ohoka CWS	39	22.2	10.6	16.4	..	33.2	5	2.8	4	..	..	..	..	..	..
Rangiora EWS	23	23.4	10.8	17.1	+0.6	35.0	5	2.6	4	34	8	-9	17	10	226
Christchurch Aero	37	22.8	11.0	16.9	+0.0	31.9	5	4.1	4	32	11	-8	19	10	216
Christchurch Aero Bac	37	23.0	10.8	16.9	+0.2	31.9	5	3.6	4	31	12	..	18	10	..
Christchurch Gardens	7	24.0	12.0	18.0	+0.7	..	..	..	..	9	10	-30	4	27	..
Christchurch, Kyle St	6	23.4	12.2	17.8	+0.4	30.4	19	5.9	4	21	7	-17	14	10	..

Summary of the records of Temperature, Rainfall and Sunshine February 2024

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
Christchurch Botanic	17	23.4	11.8	17.6	..	29.7	19	6.0	4	20	7	..	13	10	..
Bromley EWS	3	23.1	12.8	18.0	..	31.1	19	6.2	4	13	6	..	9	10	235
Lincoln, Broadfield E	18	22.1	11.2	16.7	-0.1	29.5	19	4.0	21	27	7	-10	20	10	195
Lincoln, Broadfield E	17	22.3	10.8	16.6	..	29.5	19	3.3	21	29	11	..	21	10	..
Sugar Loaf AWS	496	20.0	10.6	15.3	+0.4	26.6	5	4.8	11	..	..	..	..	..	..
Diamond Harbour EWS	122	22.8	12.3	17.6	+0.6	30.3	6	7.1	12	26	6	..	14	10	226
Akaroa EWS	45	23.3	12.3	17.8	+0.1	31.9	6	7.5	12	36	8	-17	13	10	204
Le Bons Bay AWS	238	19.7	11.9	15.8	+0.4	29.1	6	6.5	20	..	..	..	..	..	..
Lake Tekapo, Air Sufa	762	22.8	6.7	14.8	-0.1	31.1	5	-0.5	11	8	5	-32	3	10	..
Lake Tekapo EWS	762	24.1	7.5	15.8	+0.6	32.6	5	-0.4	11	7	5	-35	3	10	269
Fairlie AWS	403	21.4	9.3	15.4	+0.4	30.8	5	3.5	21	41	14	..	29	10	..
Pukaki Aerodrome AWS	461	25.8	7.7	16.8	+0.6	32.1	5	1.0	21	11	8	-44	5	10	..
Orari Estate	81	21.7	9.6	15.7	-0.3	31.4	14	3.6	11	26	10	-35	12	10	..
Orari Estate EWS	81	22.7	9.5	16.1	+0.4	31.4	19	3.4	11	25	7	..	12	10	..
Timaru Aero AWS	27	22.1	9.8	16.0	+0.4	31.4	19	3.8	21	41	9	-4	12	10	..
Timaru EWS	17	21.0	11.4	16.2	+0.7	31.2	19	5.6	11	43	7	-9	12	10	..
Otaio @ Springbank ro	14	20.2	11.0	15.6	..	29.8	19	5.8	11	42	7	..	17	19	..
Waimate CWS	39	21.4	11.3	16.4	+0.9	30.0	19	5.1	4	20	8	-24	9	10	..
Oamaru Airport AWS	30	19.7	10.9	15.3	+0.4	27.8	19	4.5	4	15	7	-33	5	3	..
Albert Burn	1280	14.3	4.5	9.4	-1.1	18.4	29	-1.7	11	172	14	-48	37	24	..
Mt Larkins EWS	1900	8.1	1.6	4.9	-0.5	12.2	29	-6.2	11	182	16	..	34	24	..
Eglington, Knobs Flat	365	19.1	7.5	13.3	-0.7	25.0	29	0.0	22	170	15	+14	29	24	..
Tara Hills AWS	485	24.2	7.8	16.0	+0.0	28.5	7	0.6	21	9	5	-29	4	24	..
Wanaka CWS	331	22.7	10.2	16.5	..	25.9	28	4.1	21	18	5	..	5	2	..
Wanaka Aero AWS	352	23.4	10.7	17.1	-0.1	26.9	7	3.1	11	21	5	-21	6	2	..
Windsor EWS	81	21.6	9.2	15.4	+0.4	30.3	5	2.8	4	14	5	-37	6	10	..
Ranfurly EWS	450	23.0	7.7	15.4	+0.7	28.7	5	1.7	3	7	5	-38	3	10	..
Oamaru AWS	40	20.4	10.7	15.6	+0.6	30.0	14	5.5	21	40	9	-12	17	2	..
Palmerston	21	21.4	9.1	15.3	+0.6	29.8	14	2.1	4	8	8	-52	4	24	174
Middlemarch EWS	213	23.5	8.6	16.1	+0.9	31.2	5	2.1	3	7	2	-63	6	2	..
Swampy Summit AWS	716	15.7	7.2	11.5	+0.2	26.0	5	2.0	11	..	..	..	..	..	..
Dunedin Aero AWS	2	21.5	9.1	15.3	+0.3	31.9	5	1.9	3	28	14	-36	12	2	..
Dunedin, Musselburgh	4	19.8	11.6	15.7	+0.6	29.5	14	6.1	3	38	11	-32	17	2	189
Oamaru EWS	20	19.7	10.6	15.2	+1.0	28.4	14	5.3	21	17	5	..	10	2	197
Murchison Mtns EWS	1140	11.9	5.1	8.5	-0.9	17.4	29	-1.0	20	321	15	+94	62	14	..
Takahe Valley CWS	895	14.8	5.2	10.0	-0.1	22.0	29	-0.8	20	195	15	..	51	14	..
Te Anau At Park HQ Cw	204	18.0	8.8	13.4	..	24.2	29	2.2	20	..	..	..	..	..	..
Manapouri, West Arm J	178	18.4	9.2	13.8	-0.4	25.0	29	3.5	21	440	16	+191	115	6	..
Manapouri Aero AWS	209	19.5	8.2	13.9	-0.5	26.0	29	0.2	21	142	15	+57	36	14	..
Birchwood WXT AWS	149	18.6	9.6	14.1	+0.0	25.6	5	5.4	21	124	17	..	31	6	..
Queenstown EWS	322	22.3	10.4	16.4	..	26.7	5	6.3	21	38	8	..	10	24	..
Queenstown Aero AWS	357	20.8	9.2	15.0	-0.6	25.9	5	4.8	21	40	8	-11	10	24	259
Five Rivers CWS	260	19.3	8.8	14.1	+0.0	26.7	29	1.7	21	82	10	..	17	10	..
Lumsden AWS	194	19.7	8.9	14.3	-0.1	27.3	6	2.6	21	90	13	+10	19	1	..
Waipounamu CWS	152	20.3	8.7	14.5	-0.1	27.7	6	3.1	23	59	11	..	14	2	..
Cromwell EWS	213	25.2	9.6	17.4	-0.2	30.1	23	4.9	11	10	5	-29	3	2	270
Lauder EWS	375	23.9	8.3	16.1	+0.2	28.5	23	1.3	21	19	5	-25	8	10	..
Ophir 2	305	24.1	7.0	15.6	+0.2	28.3	29	0.2	20	12	4	-30	6	10	..
Alexandra	150	25.0	10.2	17.6	-0.1	30.6	5	4.1	21	18	5	-23	10	2	232
Clyde 2 EWS	170	25.2	8.9	17.1	+0.1	30.9	18	2.3	21	14	5	-28	5	2	..
Alexandra AWS	231	23.8	9.2	16.5	+0.0	29.3	18	2.8	21	14	4	..	5	2	..
Alexandra EWS	132	24.3	10.1	17.2	..	30.4	5	3.9	21	16	4	..	10	2	253
Roxburgh WXT AWS	160	21.4	10.3	15.9	-0.1	28.5	29	4.7	3	22	11	..	6	10	..
Ettrick No.2	91	22.6	9.3	16.0	+0.3	30.5	5	3.0	3	26	6	-28	10	2	..
Tapanui EWS	180	20.4	8.8	14.6	..	28.7	6	3.1	11	54	12	..	9	1	..
Gore AWS	123	19.1	9.2	14.2	-0.1	26.2	5	4.7	9	80	17	+2	24	6	..
Gore EWS	60	19.4	8.8	14.1	..	26.6	5	2.7	9	62	14	..	20	6	153
Invercargill Aero	1	18.9	9.7	14.3	+0.2	25.3	23	3.5	9	122	17	+38	66	6	162
Invercargill Aero AWS	3	18.4	9.5	14.0	-0.1	25.0	5	3.8	9	133	21	+59	70	6	..
Invercargill Aero 2 E		18.7	8.7	13.7	-0.2	..	..	..	..	118	15	+43	65	6	..
Tiwai Point EWS	5	18.1	10.8	14.5	+0.0	24.5	23	7.8	3	128	15	+48	69	6	..
Stewart Island EWS	3	18.2	10.1	14.2	..	24.9	23	4.8	9	170	20	..	65	6	..
Balclutha, Telford Ew	11	20.3	9.3	14.8	+0.8	..	..	3.1	29	30	14	-33	6	6	138

Summary of the records of Temperature, Rainfall and Sunshine February 2024

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		A Max	B Min			Max	Date	Min	Date				Fall	Date	
	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Balclutha, Finegand E	6	20.6	9.6	15.1	..	29.6	5	3.6	3	29	12	..	7	2	..
Nugget Point AWS	131	17.8	10.2	14.0	+0.0	26.6	5	6.2	11	59	15	-6	17	6	..
Tautuku EWS	25	18.8	9.8	14.3	..	25.8	18	4.5	29	115	15	..	27	4	..
South West Cape AWS	103	15.6	10.3	13.0	-0.2	20.0	14	6.9	20	115	22	+19	28	6	..
Solomon, Taro Is	3	32.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.6	..	..	..	..	23.6	11	..	..	..	..	..	..
Solomon, Honiara	56	32.5	25.0	28.8	..	..	..	23.5	13	..	..	..	..	..	..
Solomon, Henderson	9	32.5	24.4	28.5	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	25.7	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	32.3	24.6	28.5	..	..	..	22.9	1	..	..	..	..	..	..
Vanuatu, Bauerfield	20	31.2	24.7	28.0	..	..	..	..	..	..	..	..	..	..	..
New Cal, Koumac	18	31.1	23.9	27.5	..	33.9	4	22.2	18	..	..	..	..	..	..
New Cal, Oulop	7	30.4	25.7	28.1	..	31.5	17	23.6	1	..	..	..	..	..	..
New Cal, Ouanaham	29	29.9	24.7	27.3	..	..	..	..	..	..	..	..	..	..	..
New Cal, La Roche	42	29.8	24.0	26.9	..	31.4	19	18.1	26	..	..	..	..	..	..
New Cal, La Tontouta	14	31.7	22.9	27.3	..	35.3	1	19.6	27	..	..	..	..	..	..
New Cal, Nouma	72	30.6	24.4	27.5	..	..	..	22.9	19	..	..	..	..	..	..
New Cal, Moue	97	29.2	23.7	26.5	..	30.5	26	20.6	1	..	..	..	..	..	..
Kiribati,Butaritari	2	32.4	26.7	29.6	..	..	..	24.2	12	..	..	..	..	..	..
Kiribati,Tarawa	2	..	26.7	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.5	26.5	29.0	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Nui Is	2	31.7	26.1	28.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.1	25.6	28.9	..	..	..	..	..	..	..	..	..	..	..
Tuvalu, Niulakita Is	3	..	26.2	..	..	..	..	25.2	1	..	..	..	..	..	..
Fiji,Nadi Aero	15	32.7	24.7	28.7	..	35.0	3	..	..	..	..	..	..	..	..
Fiji,Nausori Aero	6	31.6	23.6	27.6	..	34.0	13	1.0	1	..	..	..	..	..	..
Wallis Island, Hihifo	27	31.5	26.1	28.8	..	32.7	8	24.3	2	..	..	..	..	..	..
Maopopo, Futuna Isla	36	32.5	25.9	29.2	..	..	..	24.7	20	80	23	..	31	1	..
Samoa,Faleolo	4	31.2	25.9	28.6	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	31.0	25.1	28.1	..	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	31.8	26.4	29.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	30.4	24.2	27.3	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	30.3	26.0	28.2	..	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	30.2	24.5	27.4	..	31.6	28	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	30.2	24.9	27.6	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Saratamata	18	..	25.2	..	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	32.1	25.1	28.6	..	34.8	1	23.7	10	188	16	..	61	1	..
Society Is, Mopelia		30.8	26.2	28.5	..	32.5	26	24.2	2	..	..	..	..	..	..
Tahiti - Faaa	1	31.2	25.6	28.4	..	32.3	23	24.0	10	..	..	..	..	..	..
Tuamotu, Takaroa	2	31.8	26.4	29.1	..	..	..	24.4	10	..	..	..	..	..	..
Gambier, Rikitea	91	28.9	24.1	26.5	..	30.5	19	21.2	9	145	17	..	46	8	..
Rapa	1	25.1	21.9	23.5	..	28.8	5	17.6	21	210	23	..	40	22	..
Raoul Island AWS	50	27.3	20.9	24.1	+0.8	29.4	3	18.3	26	..	..	..	..	..	247
Enderby Is AWS	39	13.1	8.9	11.0	..	15.4	14	5.4	3	97	26	..	15	23	..
Campbell Island AWS	16	11.7	7.1	9.4	-0.1	13.6	14	-1.0	27	115	27	+13	19	23	..
Chatham Island Aero A	12	20.6	13.9	17.3	+1.2	23.9	7	5.7	10	106	18	+42	21	1	..
Georg Von Neumayer	40	-2.6	-8.0	-5.3	..	0.9	1	-16.0	10	..	..	..	..	..	..
Ant South Pole	2827	-38.9	-44.5	-41.7	..	-29.2	3	-53.0	29	..	..	..	..	..	..
Halley Bay	30	-5.1	-11.8	-8.5	..	-0.6	11	-23.6	29	..	..	..	..	..	..
Gen Belgrano 2	256	-1.4	-9.4	-5.4	..	5.0	6	-16.6	10	..	..	..	..	..	..
Bellingshausen	16	3.8	1.3	2.6	..	7.5	7	-0.2	2	..	..	..	..	..	..
Base Jubany	4	5.2	1.4	3.3	..	9.5	7	-0.2	2	..	..	..	..	..	..
V C Marambio	198	2.9	-2.6	0.2	..	13.4	27	-5.2	13	..	..	..	..	..	..
Eduardo Frei	10	-0.6	-2.6	-1.6	..	..	..	..	..	..	..	..	..	..	..
Arturo Prat		3.5	1.6	2.6	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	2.3	0.1	1.2	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	3.2	0.2	1.7	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	2.8	0.0	1.4	..	6.4	27	-1.8	24	..	..	..	..	..	..
Argentine Is, Faraday	11	3.1	0.1	1.6	..	10.8	5	-1.0	1	..	..	..	..	..	..
Gen San Martin	4	4.2	-0.4	1.9	..	10.5	27	-3.0	24	..	..	..	..	..	..
Novolax Arevskaja	99	0.0	-4.1	-2.1	..	7.2	2	-8.8	14
Maitri		1.0	-4.4	-1.7
Syowa	21	-1.3	-5.2	-3.3	..	3.4	4	-13.2	24

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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		mm		mm	mm		Hrs
Mawson	16	-0.7	-7.7	-4.2	..	3.6	1	-13.9	29
Davis	13	-0.3	-5.9	-3.1	..	..	..	-10.6	29	..	..	..	..	..	..
Progress	64	-1.9	-4.9	-3.4	..	1.9	1	-9.5	26	..	..	..	..	..	..
Mirnyj	30	-4.4	-9.1	-6.8	..	..	..	..	..	..	..	..	..	..	..
Vostok	3420	-40.7	-50.9	-45.8	..	-29.0	1	-60.7	22	..	..	..	..	..	..
Casey	41	-0.9	-6.9	-3.9	..	..	..	-11.7	29	..	..	..	..	..	..
Wilkins Runway East	755	-5.9	-13.2	-9.6	..	-1.9	9	..	..	..	..	..	..	..	..
Durmout Durville	43	-2.1	-7.6	-4.9	..	6.8	5	-15.1	25	..	..	..	..	..	..
Mcmurdo	24	-9.5	-15.1	-12.3	..	0.7	4	-23.3	24	..	..	..	..	..	..
Arrival Heights EWS	187	-11.2	-16.7	-14.0	..	-0.4	4	-24.6	24	..	..	..	..	..	..
Scott Base 2 EWS	42	-10.1	-17.7	-13.9	..	0.9	4	-29.1	29	..	..	..	..	..	..
Darwin Airport	31	32.1	20.9	26.5	..	..	..	..	..	..	..	..	..	..	..
Mangatawhiri Dam Ews	151	24.8	11.7	18.3	..	28.2	6	7.1	12	80	9	..	23	2	..
Skid Site Ews	415	21.7	11.1	16.4	..	26.1	16	6.9	13	128	8	..	43	26	..
Late returns and corrections for January 2024															
Kaitaia Aero EWS	80	25.4	16.8	21.1	+1.6	29.5	21	12.4	26	..	..	..	..	..	..
Tiri Tiri Lighthouse	76	23.7	16.7	20.2	+0.7	27.5	31	13.5	3	38	14	-24	15	28	..
Auckland, Henderson N	7	26.8	16.2	21.5	+1.6	30.9	22	9.7	2	47	10	-24	17	6	..
Auckland Aero	7	25.7	17.5	21.6	+1.6	29.0	21	13.6	2	28	7	-30	9	28	..
Waikeria EWS	37	27.3	16.2	21.8	..	31.5	22	10.2	26	..	..	..	..	..	255
Baring Head	79	21.5	15.3	18.4	..	28.4	22	11.7	26	7	4	..	2	6	..
Waipawa EWS	130	24.8	12.2	18.5	+0.5	31.3	20	6.0	26	78	11	+13	30	5	194
Wairoa, North Clyde E	15	26.8	15.8	21.3	+1.9	32.6	13	10.6	8	128	9	+41	32	15	..
Wellington Aero	4	23.4	16.0	19.7	+1.9	29.6	22	9.9	7	12	8	-48	4	27	..
Blenheim Research EWS	4	24.8	13.3	19.1	+1.0	..	..	..	..	7	4	-36	4	22	317
Kaikoura, Middle Cree	5	22.7	11.5	17.1	+1.1	31.7	20	5.3	24	..	..	..	..	..	..
Mt Somers, Somer Down	372	22.8	10.5	16.7	..	29.5	22	2.2	24	64	11	-35	19	23	..
Rangiora EWS	23	23.7	12.3	18.0	+1.3	32.1	20	6.3	25	31	7	-14	13	2	304
Christchurch Aero	37	24.0	12.8	18.4	+1.3	33.7	19	7.6	24	31	9	-11	11	5	297
Ranfurly EWS	450	23.8	8.5	16.2	+1.1	29.9	19	-0.2	24	15	5	-42	10	22	..
Middlemarch EWS	213	23.9	9.1	16.5	+0.9	31.8	19	1.4	24	21	6	-69	7	22	216
Clyde 2 EWS	170	26.2	9.9	18.1	+0.6	32.2	21	1.1	24	26	6	-21	10	22	..
Ettrick No.2	91	24.1	9.7	16.9	+0.8	30.8	19	2.5	16	36	4	-24	14	13	..
Late returns and corrections for December 2023															
Tiri Tiri Lighthouse	76	21.5	14.1	17.8	-0.1	24.9	30	3.9	14	121	19	+44	39	29	..
Kaikoura, Middle Cree	5	20.8	11.0	15.9	+1.3	29.4	30	3.5	11	..	..	..	..	..	..
Late returns and corrections for November 2023															
Russell CWS	15	21.3	10.4	15.9	..	24.3	1	6.1	7	61	16	-14	23	18	..
Kaikoura, Middle Cree	5	17.7	7.6	12.7	+0.1	26.6	14	1.0	11	..	..	..	..	..	..
Tara Hills AWS	485	19.3	5.6	12.5	+0.4	..	..	..	..	42	11	-4	9	20	..
Late returns and corrections for October 2023															
Russell CWS	15	19.3	9.9	14.6	..	22.9	26	2.5	5	242	18	+161	127	29	..
Baring Head	79	15.2	9.2	12.2	..	..	..	2.6	4	36	13	..	9	16	..
Kaikoura, Middle Cree	5	17.0	5.2	11.1	+0.7	29.0	26	-1.0	1	..	..	..	..	..	..
Late returns and corrections for September 2023															
Russell CWS	15	18.5	9.1	13.8	..	22.6	20	3.9	13	..	..	..	..	..	..
Kaikoura, Middle Cree	5	16.1	5.4	10.8	+1.5	25.3	20	0.3	16	..	..	..	..	..	..
Late returns and corrections for August 2023															
Russell CWS	15	15.7	4.8	10.3	..	18.4	30	0.3	12	44	12	-100	36	19	..
Kaikoura, Middle Cree	5	12.6	1.8	7.2	-0.1	19.8	1	-2.1	29	..	..	..	..	..	..
Late returns and corrections for July 2023															
Russell CWS	15	16.2	6.7	11.5	..	17.9	15	1.5	29	97	22	-80	33	20	..
Kaikoura, Middle Cree	5	13.3	2.4	7.9	+1.3	19.9	18	-0.9	4	..	..	..	..	..	..
Late returns and corrections for June 2023															
Russell CWS	15	16.3	7.0	11.7	..	19.2	1	1.8	15	148	17	-1	40	24	..

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		mm		mm	mm		Hrs
Napier EWS	7	16.1	8.1	12.1	..	23.0	2	0.9	16	143	16	+61	36	26	..
Kaikoura, Middle Cree	5	13.5	4.3	8.9	+1.6	21.0	1	-0.5	11	..	..	..	..	..	..
Late returns and corrections for May 2023															
Russell CWS	15	19.1	11.8	15.5	..	21.9	1	4.8	13	..	..	..	..	..	..
Late returns and corrections for April 2023															
Russell CWS	15	21.1	13.5	17.3	..	23.8	2	6.1	25	..	..	..	..	..	..
Late returns and corrections for March 2023															
Russell CWS	15	23.1	11.4	17.3	..	26.0	18	4.2	30	..	..	..	..	..	..
Baring Head	79	..	13.0	..	..	..	..	6.1	29	41	12	..	10	5	..
Late returns and corrections for February 2023															
Russell CWS	15	23.8	14.7	19.3	..	26.4	8	10.9	25	221	15	+131	133	12	..
Baring Head	79	..	15.1	..	..	..	..	10.8	24	57	11	..	15	25	..
Late returns and corrections for January 2023															
Russell CWS	15	23.1	16.3	19.7	..	26.5	21	11.5	18	330	20	+237	56	29	..

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1991-2020.

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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