



Climate Database Statistics Report

November 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 November 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
Kaitaia Aero EWS	80	21.9	12.3	17.1	+1.2	26.2	29	6.1	4	47	8	-21	19	10	..
Kaitaia Airport AWS	77	21.4	12.0	16.7	..	25.6	29	5.7	4	58	10	..	23	10	..
Kaitaia EWS	85	21.8	13.2	17.5	+1.9	25.8	29	7.7	5	40	9	-36	20	14	199
Kerikeri EWS	79	21.7	10.9	16.3	+0.3	25.9	29	5.1	4	56	6	-30	21	15	..
Kerikeri Aerodrome Aw	149	21.2	11.2	16.2	+0.6	26.8	29	6.6	5	70	13	-30	25	15	..
Kaikohe AWS	204	20.4	11.4	15.9	+0.7	..	..	..	..	..	..	..	..	..	..
Trounson CWS	244	19.6	10.9	15.3	+1.4	23.5	10	3.8	4	41	11	-55	17	14	..
Dargaville 2 EWS	66	20.5	12.3	16.4	+0.7	23.7	10	6.5	5	48	14	-18	17	14	133
Purerua AWS	87	20.1	12.6	16.4	+0.6	..	..	7.9	4	44	11	-23	15	15	..
Whangarei Aero AWS	37	21.0	12.7	16.9	+0.3	24.6	28	6.2	5	39	10	-37	16	15	..
Whangarei EWS	12	21.8	11.5	16.7	+0.7	25.6	28	4.4	5	27	10	..	16	15	190
Mokohinau Island AWS	70	19.3	14.7	17.0	+0.6	22.8	29	5.0	12	50	11	+4	20	13	..
Leigh 2 EWS	27	22.2	13.5	17.9	..	26.7	29	8.8	5	55	12	-11	20	15	..
Warkworth EWS	72	19.9	11.0	15.5	+0.6	23.3	29	3.9	5	54	13	-29	15	15	..
Whangaparaoa AWS	100	21.0	13.4	17.2	+1.2	24.8	29	9.4	5	52	11	-7	18	15	..
Auckland, Whenuapai A	26	20.4	11.9	16.2	+0.8	..	..	5.2	5	63	11	..	25	15	..
Auckland, North Shore	64	20.6	12.8	16.7	+1.3	23.9	29	7.0	5	68	9	-3	27	30	192
Auckland, Motat EWS	16	20.8	12.9	16.9	..	24.2	29	6.7	5	55	10	..	25	15	224
Manukau Heads EWS	240	17.5	12.7	15.1	..	21.3	10	9.2	22	75	14	..	21	30	185
Whitianga Aero AWS	5	20.9	12.3	16.6	+0.9	25.4	28	4.3	5	90	14	-8	37	15	..
Whitianga EWS	1	21.6	12.0	16.8	+1.0	26.5	28	4.8	5	81	11	..	38	15	..
Thames EWS	3	21.5	12.3	16.9	..	24.2	28	5.6	22	47	9	..	10	2	..
Matamata, Hinuera EWS	85	21.2	10.9	16.1	+1.7	25.1	29	4.8	22	54	7	-22	33	15	..
Tauranga CWS	3	20.7	13.2	17.0	..	..	..	..	..	..	..	..	..	..	..
Tauranga Aero AWS	2	21.3	12.6	17.0	+0.9	27.1	29	3.5	5	44	11	-19	20	15	245
Te Puke EWS	123	20.9	11.2	16.1	+0.9	26.8	29	4.1	5	86	6	-7	67	15	..
Whakatane Aero AWS	8	21.8	11.2	16.5	+1.1	27.2	26	4.0	4	36	9	-28	20	15	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	191
Whakatane EWS	1	22.5	12.2	17.4	..	26.9	26	5.4	4	34	8	..	15	15	..
Mamaku Radar WXT AWS	617	15.4	9.0	12.2	+0.5	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	25.0	11.1	18.1	+1.8	31.5	29	2.8	4	..	..	..	..	..	..
Rotorua EWS	288	19.2	9.4	14.3	..	24.0	29	2.3	4	56	9	..	38	15	..
Rotorua Aero AWS	286	19.6	10.1	14.9	+1.1	24.4	27	2.7	4	77	10	-10	41	15	..
Galatea AWS	175	21.0	10.1	15.6	+1.1	27.3	28	2.5	4	44	11	..	31	15	..
Taupo CWS	360	20.6	9.8	15.2	..	26.5	28	1.1	4	61	7	..	45	15	..
Tarapounamu EWS	701	16.5	7.3	11.9	+0.3	22.8	28	-0.5	4	78	9	-14	44	15	..
Taupo Aero AWS	402	19.0	9.7	14.4	+1.3	23.1	28	-0.8	4	45	9	-20	30	15	..
Motu EWS	488	19.2	8.7	14.0	+1.9	25.0	27	-0.9	4	87	10	-78	46	15	..
Auckland, Mangere 2 E	16	20.3	13.6	17.0	..	23.2	9	8.4	4	75	7	+18	32	15	220
Auckland Aero	7	20.4	13.8	17.1	+0.9	..	..	..	..	..	..	..	..	..	..
Auckland Aero Backup	7	20.4	13.9	17.2	+1.1	..	..	9.1	4	..	..	..	..	..	..
Ardmore Aero AWS	41	20.6	11.6	16.1	..	23.1	8	5.7	5	..	..	..	..	..	..
Pukekohe EWS	88	20.2	12.0	16.1	+1.0	24.0	9	6.0	5	86	14	-2	45	15	..
Firth Of Thames EWS	3	21.6	11.3	16.5	+1.3	24.5	28	5.5	4	33	7	-32	9	15	175
Whatawhata 2 EWS	118	19.9	11.0	15.5	+0.9	23.3	9	5.5	4	120	13	-11	54	15	..
Hamilton, Ruakura 2 E	45	21.0	11.5	16.3	+1.5	24.4	9	5.4	25	94	8	+15	48	15	201
Hamilton Aero AWS	53	20.7	11.0	15.9	+1.2	..	..	5.6	5	..	..	..	..	..	..
Port Taharoa AWS	18	18.9	13.6	16.3	+0.9	23.2	13	9.3	4	125	11	+36	46	15	..
Awakino EWS	400	16.3	10.1	13.2	..	21.1	13	4.4	4	128	17	-9	35	10	134
Waikeria EWS	37	20.9	10.9	15.9	..	24.0	28	5.0	25	77	8	-3	51	15	182
Te Kuiti EWS	61	21.1	10.4	15.8	+1.3	24.9	28	4.5	4	94	10	-21	44	15	161
Pureora Forest CWS	549	17.4	7.7	12.6	+1.1	21.3	28	0.7	4	86	10	-18	56	15	..
Taumarunui EWS	170	20.4	9.9	15.2	+1.4	23.4	13	1.5	4	66	14	-58	31	15	..
Taumarunui AWS	186	20.6	10.1	15.4	+1.4	24.1	13	0.8	4	67	15	..	35	15	166
Turangi 2 EWS	360	19.3	7.7	13.5	+0.6	23.8	27	-1.6	4	87	10	-29	51	15	239
New Plymouth Aero AWS	28	18.3	12.1	15.2	+1.2	21.9	30	3.8	4	89	16	-15	32	14	246
Lower Retaruke CWS	233	20.2	10.1	15.2	+1.3	24.3	13	1.7	4	60	14	-66	30	15	..
Mt Ruapehu, Chateau E	1097	15.0	5.0	10.0	+1.6	20.5	26	-1.5	4	66	13	-180	19	15	..
Pahiatua EWS	110	18.5	9.7	14.1	+1.0	23.6	13	-1.4	4	58	14	..	11	10	..
Masterton Aero AWS	105	19.9	8.8	14.4	+0.8	25.5	26	-0.8	4	53	13	..	24	6	..
Masterton EWS	90	21.2	8.5	14.9	+1.3	27.2	26	-1.1	4	28	10	..	9	6	218
Masterton, Te Ore Ore	110	21.3	9.4	15.4	+0.9	25.9	28	-0.2	4	23	10	-49	7	21	..
Takapau Plains AWS	346	18.4	8.9	13.7	+0.8	..	..	-1.6	4	65	18	-9	18	15	..

Summary of the records of Temperature, Rainfall and Sunshine November 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
Dannevirke EWS	207	19.3	10.5	14.9	+1.5	23.8	28	-1.2	4	53	13	-38	16	2	159
Cape Turnagain AWS	285	15.6	10.9	13.3	+1.0	20.6	25	5.2	4	32	11	..	10	15	..
Akitio EWS	245	17.4	10.4	13.9	+1.1	21.7	9	1.9	4	65	12	..	29	21	217
Castlepoint AWS	120	18.1	12.1	15.1	+1.1	..	..	..	..	..	..	..	..	..	..
Te Wharau, Brackenfie	292	18.5	8.1	13.3	+0.5	23.5	25	-1.2	4	38	7	-55	19	21	..
Martinborough EWS	20	20.3	10.2	15.3	+1.4	26.8	26	-0.3	4	20	12	-46	6	10	167
Ngawi AWS	8	20.0	13.0	16.5	+1.2	24.5	27	6.5	4	9	8	-57	5	15	..
Hicks Bay AWS	46	19.4	13.1	16.3	+1.1	21.9	26	7.2	22	30	9	-47	10	15	..
Gisborne Aero AWS	5	21.5	11.2	16.4	+0.7	29.2	28	4.5	5	38	11	-26	17	23	209
Gisborne EWS	12	22.9	11.5	17.2	+0.9	30.7	28	4.2	4	21	10	-44	8	23	..
Tolaga Bay WXT AWS	15	20.2	12.0	16.1	+1.2	25.6	9	5.6	5	48	8	..	24	21	..
Tutira CWS	235	20.3	10.9	15.6	+1.4	28.4	28	1.7	4	22	8	-81	10	23	..
Napier Aero AWS	3	21.8	11.1	16.5	+1.1	30.6	28	1.7	4	18	9	-39	7	15	..
Napier EWS	7	22.0	12.2	17.1	..	29.6	28	2.6	4	13	7	-44	6	15	241
Maraekakaho CWS	150	21.9	9.9	15.9	..	30.4	28	2.0	4	12	9	..	3	7	..
Hastings AWS	16	22.4	10.7	16.6	+0.9	31.7	28	1.5	4	..	..	..	..	..	..
Whakatu EWS	5	22.2	9.2	15.7	+1.3	29.2	8	0.5	4	11	7	-34	4	15	..
Waipawa EWS	130	20.8	8.6	14.7	+0.8	28.9	28	-1.9	4	31	12	-25	9	15	167
Wairoa, North Clyde E	15	22.4	11.2	16.8	+1.0	31.3	28	4.2	4	34	7	-47	15	15	..
Wairoa Aero AWS	13	21.4	10.7	16.1	+1.0	..	..	3.2	4	58	10	..	21	23	..
Mahia AWS	136	18.6	12.5	15.6	+0.8	24.3	8	6.8	4	67	11	-6	22	15	..
Cape Kidnappers WXT A	113	18.5	..	..	..	..	..	..	..	..	..	..	..	..	..
Paraparaumu Aero AWS	8	18.2	12.0	15.1	+1.2	23.0	30	4.2	4	102	11	+19	48	14	214
Paraparaumu Aero EWS	5	18.7	11.9	15.3	..	23.4	30	4.1	4	87	11	+15	42	14	202
Ohakea AWS	47	18.9	11.3	15.1	+0.8	24.4	14	3.1	4	62	15	..	17	1	..
Palmerston North Aero	39	19.3	10.9	15.1	+1.0	24.2	14	1.0	4	82	17	+0	17	15	..
Palmerston North EWS	21	19.3	11.5	15.4	+1.4	25.3	14	1.3	4	74	17	-12	13	15	169
Levin AWS	15	19.0	11.3	15.2	+1.2	24.1	14	2.0	4	81	16	-9	17	5	..
Levin EWS	23	19.1	10.9	15.0	..	23.4	14	1.7	4	65	16	..	15	5	167
Mana Island AWS	110	16.1	11.6	13.9	+1.2	..	..	5.4	4	..	..	..	..	..	..
Porirua, Elsdon Park	7	17.9	11.8	14.9	..	21.6	14	2.5	4	71	13	..	36	14	..
Wellington, Kelburn A	125	17.8	11.9	14.9	+1.4	..	..	..	..	..	..	..	..	..	..
Wellington Aero	4	18.2	12.7	15.5	+1.1	22.0	26	6.3	4	51	11	-24	32	14	..
Wellington, Greta Poi	3	20.8	14.2	17.5	+2.8	25.5	26	8.6	4	44	9	..	25	14	..
Wellington Aero Backu	4	18.2	12.7	15.5	+1.2	21.9	26	6.4	4	54	11	-33	33	14	..
Upper Hutt, Trentham	50	18.8	10.5	14.7	+1.4	23.3	26	0.9	4	74	11	-58	35	14	199
Stratford EWS	280	17.8	9.3	13.6	+1.1	22.1	26	1.7	4	112	14	-30	52	14	175
Manaia, Motumate Stm	105	19.9	11.4	15.7	..	23.8	7	2.4	4	53	17	..	13	2	..
Hawera AWS	100	17.9	10.9	14.4	+1.2	21.5	8	1.9	4	79	18	-13	16	2	..
Ohakune EWS	607	18.1	7.8	13.0	+1.3	24.6	13	-1.9	4	56	14	-62	18	15	..
Waiouru Aero AWS	820	16.3	6.2	11.3	+1.6	20.3	30	-2.8	4	29	15	..	10	21	..
Waiouru EWS	803	16.3	5.8	11.1	..	20.7	28	-2.6	4	32	16	-44	11	21	..
Flat Hills WXT AWS	262	18.8	10.6	14.7	+1.5	23.0	28	2.5	4	52	13	-32	21	2	..
Whanganui, Spriggens	15	19.9	12.3	16.1	+1.3	25.1	14	4.5	4	58	12	-17	26	2	..
Whanganui Aero AWS	14	19.0	11.8	15.4	+1.0	24.2	14	4.4	4	56	16	-19	16	2	..
Wanganui 2 AWS	18	20.4	11.8	16.1	+1.2	25.0	14	3.0	4	..	..	..	..	..	..
Takaka EWS	20	20.8	8.8	14.8	+1.0	29.0	28	3.3	3	110	9	-34	57	14	238
Farewell Spit AWS	3	20.9	12.1	16.5	+1.6	..	..	7.2	4	70	12	-5	18	13	..
Westport Aero AWS	5	16.8	10.2	13.5	+0.4	19.6	16	4.7	3	232	20	+75	46	5	..
Westport EWS	6	16.8	10.1	13.5	..	19.5	16	4.3	4	222	17	..	51	5	217
Arapito EWS	3	18.0	9.9	14.0	+1.0	21.0	28	3.7	3	161	18	-29	40	5	139
Hokitika Aero AWS	40	16.8	9.3	13.1	+0.6	19.4	6	2.2	3	263	20	+61	58	8	190
Hokitika EWS	39	16.8	9.1	13.0	..	19.8	6	1.6	3	250	17	..	59	8	..
Reefton EWS	198	19.7	8.6	14.2	+0.8	26.1	29	1.8	17	104	15	-46	31	14	196
Greymouth Aero EWS	5	17.1	9.8	13.5	+0.9	19.1	28	4.2	4	189	18	-1	33	14	163
Mt Philistine EWS	1655	6.2	0.6	3.4	+0.4	12.1	30	-6.2	3	527	24	..	154	8	..
Mahanga EWS	1995	6.4	0.2	3.3	+0.7	13.3	26	-9.0	3	239	18	..	46	14	..
Ivory Glacier CWS	1390	8.2	1.2	4.7	..	13.9	29	-6.4	3	817	23	+1	260	8	..
Okarito EWS	1	16.5	9.2	12.9	..	18.9	5	0.9	3	405	18	..	165	8	..
Franz Josef EWS	80	16.9	8.5	12.7	+0.9	20.7	5	0.5	3	706	19	+380	373	8	127
Franz Josef @ Crawfor	1612	8.0	0.9	4.5	..	13.6	30	-5.3	3	767	22	..	342	8	..
Lake Moeraki EWS	10	16.7	8.0	12.4	..	19.9	29	-0.3	3	..	..	..	..	..	..
Haast AWS	1	15.8	8.4	12.1	+0.5	17.8	16	3.3	3	358	14	+117	223	8	..

Summary of the records of Temperature, Rainfall and Sunshine November 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
Milford Sound AWS	3	16.2	7.9	12.1	+0.1	20.6	7	0.6	3	739	17	+181	255	8	..
Milford Sound EWS	3	16.3	8.0	12.2	..	20.5	7	0.9	3	737	24	..	254	8	..
Castle Mount EWS	2000	4.1	-1.6	1.3	+0.8	9.9	30	-10.1	3	359	20	..	87	8	..
Secretary Island AWS	19	16.0	8.5	12.3	+0.5	..	..	3.6	3	..	..	..	..	..	..
Puysegur Point AWS	45	14.6	9.4	12.0	+0.9	19.4	7	4.8	3	120	20	-116	25	28	..
Stephens Island AWS	188	16.1	11.2	13.7	..	18.8	26	7.4	22	60	14	..	13	21	..
Motueka, Riwaka EWS	8	20.7	9.7	15.2	+1.0	28.4	28	3.1	22	48	7	-34	19	14	..
Pelorus Sd, Crail Bay	13	19.7	..	..	..	26.1	26	..	..	158	..	+12	72	14	..
Nelson Aero	2	19.7	11.2	15.5	+1.0	27.4	26	3.7	3	50	11	-18	27	14	..
Appleby 2 EWS	18	20.2	9.6	14.9	+1.6	27.8	28	2.2	22	36	10	-33	16	14	252
Richmond EWS	1	19.6	10.4	15.0	+0.7	27.1	26	3.6	22	44	11	..	25	14	266
Nelson Aero AWS	6	19.4	11.6	15.5	+0.9	26.9	26	3.8	3	53	11	-17	24	14	..
Blenheim Research EWS	4	20.9	10.3	15.6	+0.9	30.0	28	2.8	14	12	7	-37	6	14	265
Wairau Valley, Mill R	172	20.3	9.5	14.9	+0.9	27.2	28	1.8	3	41	9	-25	26	14	..
Blenheim Aero AWS	36	20.7	9.0	14.9	+0.7	30.7	28	0.8	17	19	9	-32	8	14	..
Brothers Island AWS	68	16.9	12.5	14.7	+1.0	..	..	..	..	..	..	..	..	..	..
Cape Campbell AWS	6	17.5	12.1	14.8	+1.4	21.4	20	7.4	3	21	7	-15	7	5	..
Hanmer Forest EWS	363	21.8	6.5	14.2	+2.3	30.6	28	-1.7	17	15	6	-73	6	15	..
Kaikoura, Middle Cree	5	19.0	7.5	13.3	+0.7	27.8	28	1.5	4	15	12	..	4	16	..
Kaikoura AWS	108	19.0	10.4	14.7	+1.3	27.5	9	4.9	3	20	11	-39	6	21	..
Arthurs Pass EWS	745	15.6	6.1	10.9	+1.6	22.0	30	-1.9	3	333	17	..	105	8	..
Arthurs Pass AWS	743	14.5	5.9	10.2	+1.3	20.4	30	-1.8	3	..	..	..	..	..	..
Culverden AWS	181	19.9	8.8	14.4	+1.3	26.5	25	1.2	3	10	10	-37	2	15	..
Medbury CWS	232	19.8	7.7	13.8	+0.6	26.1	25	-0.8	3	10	5	..	3	2	..
Balmoral East CWS	172	20.3	8.0	14.2	..	27.7	28	0.0	3	4	6	..	1	15	..
Waipara North Branch	497	18.3	7.3	12.8	..	24.1	27	-3.8	3	16	10	..	5	21	..
Waiau School CWS	136	21.7	8.3	15.0	+1.0	29.6	28	0.8	17	16	7	-51	6	5	..
Cheviot EWS	75	20.2	8.2	14.2	+1.0	29.5	28	1.1	4	15	6	-31	10	2	227
Upper Rakaia EWS	1752	7.1	0.8	4.0	+0.9	11.7	29	-7.7	3	214	23	-3	72	8	..
Mt Potts EWS	2128	6.4	-0.9	2.8	+0.9	13.2	26	-10.9	3	..	..	..	..	..	..
Mt Cook EWS	730	17.5	6.7	12.1	+1.5	23.9	26	-2.6	3	419	14	+51	280	8	199
Mueller Hut EWS	1818	7.8	0.5	4.2	+0.7	14.9	29	-9.1	3	516	17	..	318	8	..
Mt Cook Aero AWS	656	18.4	6.4	12.4	+1.7	24.7	26	-3.6	3	207	14	..	144	8	..
Cass EWS	571	19.1	6.8	13.0	..	24.9	27	-3.8	3	39	9	..	14	14	..
Methven CWS	313	18.7	8.2	13.5	+1.0	27.7	25	0.1	3	19	7	-56	11	15	..
Te Pirita at Sharland	208	19.4	8.8	14.1	..	26.8	28	1.8	3	18	7	..	7	15	..
Winchmore 2 EWS	164	19.0	6.5	12.8	..	27.5	28	-1.9	3	15	8	-46	6	15	209
Mayfield at Ruapuna F	325	18.7	7.5	13.1	..	25.2	9	-0.9	3	61	13	..	25	15	..
Peel Forest	286	19.1	7.1	13.1	+1.2	27.8	9	-0.2	3	60	19	-41	29	15	..
Lismore, Racemans Hou	168	19.0	8.2	13.6	+1.1	26.7	28	-1.1	3	23	7	..	12	15	..
Ashburton Council	101	20.3	8.6	14.5	+1.0	29.5	28	0.5	3	17	9	-44	7	15	..
Ashburton Aero AWS	88	19.3	7.9	13.6	+0.9	28.7	9	-0.5	3	14	8	-39	6	15	224
Wakanui 2 CWS	53	18.8	8.5	13.7	..	28.0	7	0.4	3	37	9	..	17	20	..
Waipara West EWS	130	20.8	9.4	15.1	+1.3	28.4	28	2.2	3	8	5	-45	4	2	212
Ohoka CWS	39	18.3	8.6	13.5	..	30.8	28	2.3	3	..	..	..	..	..	..
Rangiora EWS	23	18.8	8.5	13.7	+0.8	31.5	28	2.0	3	10	7	-36	3	2	227
Christchurch Aero	37	19.1	9.2	14.2	+1.0	31.1	28	1.9	17	21	11	-24	9	2	234
Christchurch Aero Bac	37	19.1	9.1	14.1	+0.9	31.3	28	1.8	17	20	10	..	8	2	..
Christchurch Gardens	7	20.0	10.2	15.1	+1.1	31.1	28	2.2	3	16	9	-29	9	2	..
Christchurch, Kyle St	6	21.1	9.6	15.4	+1.2	33.3	28	1.6	3	16	7	-24	9	2	..
Christchurch Botanic	17	20.1	10.5	15.3	..	31.7	28	2.4	3	14	8	..	8	2	..
Bromley EWS	3	19.1	10.5	14.8	..	32.1	28	3.9	17	12	8	..	7	2	241
Lincoln, Broadfield E	18	18.8	9.7	14.3	+1.0	30.2	28	2.1	3	23	7	-23	11	2	235
Lincoln, Broadfield E	17	18.7	9.3	14.0	..	29.7	28	1.9	17	25	9	..	12	2	232
Sugar Loaf AWS	496	16.3	8.1	12.2	+0.8	26.3	28	1.8	3	..	..	..	..	..	..
Diamond Harbour EWS	122	18.6	10.4	14.5	+1.6	30.0	28	4.2	17	16	7	..	6	2	233
Akaroa EWS	45	20.3	10.9	15.6	+1.7	31.0	28	5.3	3	31	9	-37	16	2	223
Le Bons Bay AWS	238	16.1	9.3	12.7	+0.8	28.0	28	3.3	3	31	13	-19	10	2	..
Lake Tekapo, Air Safa	762	18.5	4.6	11.6	+0.7	25.9	26	-4.5	3	14	5	-36	6	14	..
Lake Tekapo EWS	762	19.2	4.7	12.0	+1.1	26.2	26	-5.0	3	11	4	-31	6	14	281
Fairlie AWS	403	17.6	7.4	12.5	+0.8	26.3	28	0.6	3	36	11	..	20	15	..
Pukaki Aerodrome AWS	461	21.0	4.7	12.9	+0.6	28.0	26	-3.9	3	20	7	-44	6	15	..
Orari Estate	81	19.2	7.7	13.5	+0.8	29.7	28	0.2	3	24	6	-39	15	15	..

Summary of the records of Temperature, Rainfall and Sunshine November 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
Orari Estate EWS	81	19.3	7.6	13.5	+1.0	29.0	28	-0.1	3	23	7	..	15	15	..
Timaru Aero AWS	27	18.3	7.1	12.7	+0.5	29.4	28	-1.4	3	14	5	-35	9	15	..
Timaru EWS	17	17.6	9.1	13.4	+1.0	29.2	28	1.2	3	15	4	-37	7	20	..
Waimate CWS	39	17.9	8.4	13.2	+0.9	28.0	28	3.8	22	35	6	-8	32	15	..
Oamaru Airport AWS	30	16.6	7.7	12.2	+0.3	27.3	28	-0.2	3	44	10	-4	33	15	..
Albert Burn	1280	11.5	2.3	6.9	+0.6	18.6	29	-7.7	3	296	16	+78	126	8	..
Mt Larkins EWS	1900	5.3	-0.6	2.4	+1.7	11.6	30	-8.8	3	176	17	..	65	8	..
Eglinton, Knobs Flat	365	17.5	5.3	11.4	+0.7	24.9	6	-2.4	3	156	15	-19	33	8	..
Tara Hills AWS	485	20.2	5.9	13.1	+1.0	27.5	26	-2.6	3	21	7	-25	8	8	..
Wanaka CWS	331	19.5	7.6	13.6	..	25.0	30	-1.5	3	55	10	..	29	8	..
Wanaka Aero AWS	352	19.7	7.8	13.8	+0.8	26.0	26	-2.1	3	55	10	+1	24	8	..
Windsor EWS	81	19.0	6.3	12.7	+0.6	28.3	28	-0.1	3	34	8	-13	25	15	..
Ranfurly EWS	450	19.1	5.2	12.2	+1.0	25.6	25	-1.1	22	18	5	-24	13	15	..
Oamaru AWS	40	16.8	7.5	12.2	+0.1	26.5	28	3.3	3	45	11	-14	30	15	..
Middlemarch EWS	213	19.4	6.2	12.8	+0.9	27.6	28	0.7	12	14	10	-61	5	1	211
Dunedin Aero AWS	2	18.3	6.9	12.6	+0.5	27.3	28	0.5	17	60	16	+6	14	26	..
Dunedin, Musselburgh	4	16.7	9.2	13.0	+0.7	26.6	28	3.6	3	49	15	-14	11	26	227
Oamaru EWS	20	16.7	7.6	12.2	+0.6	26.9	28	0.4	3	29	7	..	24	15	218
Murchison Mtns EWS	1140	10.3	3.1	6.7	+0.9	17.4	6	-4.1	3	196	17	-40	30	4	..
Takahe Valley CWS	895	12.3	2.4	7.4	+0.8	..	..	..	..	129	15	..	23	14	..
Te Anau At Park HQ Cw	204	16.1	5.9	11.0	..	22.1	6	-1.5	3	..	..	..	..	..	..
Manapouri, West Arm J	178	16.6	6.1	11.4	+0.6	23.6	6	-0.7	3	248	20	-52	34	8	..
Manapouri Aero AWS	209	17.3	5.0	11.2	+0.3	24.0	6	-2.9	3	83	15	-13	20	14	..
Birchwood WXT AWS	149	16.4	6.5	11.5	+0.2	23.2	28	1.4	3	..	..	..	..	..	..
Queenstown EWS	322	19.5	7.6	13.6	..	26.7	28	0.3	3	64	13	..	19	8	..
Queenstown Aero AWS	357	18.2	6.8	12.5	+0.6	24.2	28	-0.7	3	58	17	-3	15	8	258
Five Rivers CWS	260	17.2	6.1	11.7	+0.3	24.3	7	-1.4	3	..	..	..	..	..	..
Lumsden AWS	194	17.3	5.8	11.6	+0.2	24.0	28	0.0	3	81	17	+9	21	14	..
Waipounamu CWS	152	18.0	6.1	12.1	+0.4	25.3	7	0.0	3	56	19	..	16	14	..
Cromwell EWS	213	21.7	6.2	14.0	+0.1	28.2	25	-1.7	3	8	9	-29	2	14	..
Lauder EWS	371	20.2	6.0	13.1	+0.9	27.3	27	-2.8	3	23	6	-19	19	15	..
Alexandra	150	22.2	7.1	14.7	+0.6	..	..	..	..	3	5	-30	1	14	..
Clyde 2 EWS	170	22.0	5.7	13.9	+0.5	29.2	28	-1.2	3	4	6	-36	1	8	..
Alexandra AWS	231	20.6	6.4	13.5	+0.6	27.8	25	-1.2	3	4	6	..	1	14	..
Alexandra EWS	132	21.4	7.2	14.3	..	29.6	25	0.2	3	3	4	..	1	15	245
Roxburgh WXT AWS	160	18.4	7.4	12.9	+0.2	26.5	28	1.5	3	19	12	..	4	2	..
Tapanui EWS	180	18.3	6.2	12.3	..	25.7	18	0.0	3	68	18	..	14	19	..
Gore AWS	123	16.8	7.2	12.0	+0.7	24.8	7	1.6	3	87	20	-2	21	14	..
Gore EWS	60	17.0	6.6	11.8	..	25.1	7	1.0	3	76	17	..	18	14	..
Invercargill Aero	1	16.4	7.1	11.8	+0.5	24.5	7	1.0	24	84	15	-14	15	8	210
Invercargill Aero AWS	3	16.5	7.1	11.8	+0.5	24.4	7	1.8	17	91	16	-11	17	8	..
Invercargill Aero 2 E		16.3	6.4	11.4	+0.3	24.5	7	0.8	24	81	16	-10	15	8	217
Tiwai Point EWS	5	15.6	8.6	12.1	+0.5	23.2	18	4.6	3	66	18	-25	11	20	..
Stewart Island EWS	3	16.0	6.9	11.5	..	21.8	28	0.7	3	70	20	..	15	19	..
Balclutha, Telford Ew	11	17.0	6.7	11.9	+0.5	25.6	28	1.5	17	57	15	+4	12	8	176
Balclutha, Finegand E	6	17.2	6.9	12.1	..	25.7	28	1.7	17	53	15	..	12	8	..
Nugget Point AWS	131	14.9	7.9	11.4	+0.3	22.5	28	2.1	3	79	20	+3	18	14	..
Tautuku EWS	25	16.4	7.0	11.7	..	26.4	28	2.2	3	87	18	..	16	8	..
South West Cape AWS	103	14.4	8.2	11.3	+0.8	20.0	14	3.3	3	61	17	-41	11	7	..
Kiribati,Cassidy Chri	3	31.3	25.1	28.2	..	..	..	..	..	..	..	..	..	..	..
Solomon, Taro Is	3	31.9	..	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	24.8	..	..	..	..	23.5	19	..	..	..	..	..	..
Solomon, Honiara	56	33.0	24.3	28.7	..	..	..	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.4	23.6	28.0	..	34.0	28	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	25.1	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.3	24.1	27.2	..	..	..	21.5	15	..	..	..	..	..	..
Vanuatu, Bauerfield	20	30.2	21.4	25.8	..	..	..	15.7	6	..	..	..	..	..	..
New Cal, Koumac	18	29.1	20.7	24.9	..	31.0	28	17.8	6	..	..	..	..	..	..
New Cal, Oulop	7	28.6	23.3	26.0	..	29.7	14	20.6	8	..	..	..	..	..	..
New Cal, Ouanaham	29	27.8	22.2	25.0	..	29.6	14	16.2	20	..	..	..	..	..	..
New Cal, Nouma	72	29.6	21.6	25.6	..	32.5	13	18.4	1	..	..	..	..	..	..
Kiribati,Butaritari	2	32.5	26.5	29.5	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	27.0	..	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine November 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
Kiribati, Bonriki Int	4	32.4	26.9	29.7	..	..	..	24.2	4	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	32.0	26.6	29.3	..	..	..	23.2	17	..	..	..	..	..	..
Fiji,Nadi Aero	15	31.0	22.8	26.9	..	32.6	18	20.7	6	..	..	..	..	..	..
Fiji,Nausori Aero	6	29.7	23.1	26.4	..	..	..	20.7	12	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.6	24.9	27.8	..	31.9	27	23.6	17	102	25	..	42	22	..
Samoa,Faleolo	4	30.0	24.5	27.3	..	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	29.0	23.7	26.4	..	..	..	21.7	25	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.4	25.6	28.0	..	32.0	1	..	..	..	..	..	..	..	..
Tonga,Keppel	2	29.2	23.0	26.1	..	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	28.1	21.1	24.6	..	..	..	16.0	8	..	..	..	..	..	..
Salote Pilolevu Airpo	2	27.2	23.5	25.4	..	28.8	28	20.5	6	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	27.8	21.4	24.6	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	27.1	21.3	24.2	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.4	23.2	27.3	..	33.7	1	21.5	7	..	..	..	..	..	..
Tahiti - Faaa	1	30.3	24.1	27.2	..	32.1	29	21.7	1	..	..	..	..	..	..
Tuamotu, Takaroa	2	31.2	25.0	28.1	..	..	..	..	..	..	..	..	..	..	..
Tuamotu, Hao	3	28.9	25.4	27.2	..	..	..	..	..	..	..	..	..	..	..
Gambier, Rikitea	91	26.2	22.0	24.1	..	28.3	23	19.6	19	..	..	..	..	..	..
Tubuai	2	25.5	20.6	23.1	..	28.2	24	18.1	23	..	..	..	..	..	..
Rapa	1	22.2	18.7	20.5	..	..	..	13.9	14	..	..	..	..	..	..
Raoul Island AWS	50	23.3	16.9	20.1	+0.8	25.2	17	12.6	23	67	10	-45	49	18	215
Enderby Is AWS	39	11.9	7.3	9.6	..	13.5	18	3.5	3	88	27	..	13	18	..
Campbell Island AWS	16	10.3	5.7	8.0	+0.8	12.5	19	1.5	3	127	25	+9	18	14	..
Chatham Island Aero A	12	18.0	10.4	14.2	+1.7	22.6	9	..	..	49	14	-5	22	15	..
Georg Von Neumayer	40	-8.2	-17.2	-12.7	..	-4.5	27	-26.0	14	..	..	..	..	..	..
Ant South Pole	2827	-36.9	-40.9	-38.9	..	-30.1	9	-45.8	4	..	..	..	..	..	..
Gen Belgrano 2	256	-4.4	-12.7	-8.6	..	-0.3	8	-18.3	8	..	..	..	..	..	..
Bellingshausen	16	0.5	-1.9	-0.7	..	6.4	22	-6.3	7	..	..	..	..	..	..
Base Jubany	4	2.2	-1.4	0.4	..	10.0	22	-6.0	7	..	..	..	..	..	..
Dinamet	10	1.1	-2.0	-0.5	..	7.5	22	-6.2	7	..	..	..	..	..	..
V C Marambio	198	1.5	-5.7	-2.1	..	10.5	27	-13.7	3	..	..	..	..	..	..
Eduardo Frei	10	-0.1	-1.7	-0.9	..	4.6	22	..	..	..	..	..	..	..	..
Arturo Prat		0.2	-1.3	-0.6	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	1.6	-1.6	0.0	..	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-1.9	-4.2	-3.1	..	1.0	22	..	..	..	..	..	..	..	..
Palmer Station	8	0.3	-2.8	-1.3	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-0.6	-3.3	-2.0	..	3.0	22	-8.7	8	..	..	..	..	..	..
Argentine Is, Faraday	11	-0.2	-3.6	-1.9	..	4.6	20	-10.8	7	..	..	..	..	..	..
Gen San Martin	4	0.8	-4.1	-1.7	..	8.0	21	-8.8	7	..	..	..	..	..	..
Novolax Arevskaja	99	-3.9	-8.8	-6.4	..	0.4	7	-11.8	3	..	..	..	..	..	..
Maitri		-2.3	-8.2	-5.3	..	..	..	..	..	..	..	..	..	..	..
Syowa	21	-3.8	-10.1	-7.0	..	0.1	7	-14.9	2	..	..	..	..	..	..
Mawson	16	-2.8	-10.7	-6.8	..	..	..	..	..	..	..	..	..	..	..
Davis	13	-2.0	-8.0	-5.0	..	..	..	-12.5	7	..	..	..	..	..	..
Progress	64	-2.5	-8.7	-5.6	..	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-3.6	-10.7	-7.2	..	3.2	23	..	..	..	..	..	..	..	..
Vostok	3420	-37.3	-50.3	-43.8	..	..	..	..	..	..	..	..	..	..	..
Casey	41	-2.6	-9.2	-5.9	..	..	..	..	..	..	..	..	..	..	..
Durmont Durville	43	-3.6	-8.9	-6.3	..	1.0	29	-12.8	18	..	..	..	..	..	..
Mcmurdo	24	-7.9	-15.8	-11.9	..	-2.8	27	-20.9	15	4	4	..	2	20	..
Arrival Heights EWS	187	-9.9	-16.8	-13.4	..	-4.3	27	-22.3	15	..	..	..	..	..	..
Scott Base 2 EWS	42	-9.2	-17.8	-13.5	..	-2.8	27	-23.5	2	..	..	..	..	..	..
Darwin Airport	31	33.2	16.9	25.1	..	36.3	15	12.6	23	..	..	..	..	..	..
Mangatawhiri Dam Ews	151	19.8	10.3	15.1	..	22.1	28	4.1	5	110	10	..	58	15	..
Skid Site Ews	415	16.9	9.3	13.1	..	20.4	28	4.7	22	138	11	..	75	15	..

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
Late returns and corrections for October 2024															
Auckland Aero	7	19.1	11.7	15.4	+0.8	22.8	25	7.6	4	116	14	+24	48	2	..
Whakatu EWS	5	20.9	6.8	13.9	+1.2	29.1	24	0.7	17	10	8	-44	5	26	..
Wellington Aero	4	16.7	11.2	14.0	+1.0	..	..	5.2	17	89	16	-2	37	13	..
Mt Somers, Somer Down	372	16.4	4.9	10.7	..	24.5	23	-0.1	16	220	17	+114	64	25	..
Waipara West EWS	130	18.7	7.1	12.9	+1.0	26.8	23	0.1	11	98	10	+42	64	25	202
Rangiora EWS	23	17.5	6.4	12.0	+0.8	27.9	23	0.8	11	86	9	+31	55	25	216
Christchurch Aero	37	17.6	6.6	12.1	+0.8	28.4	23	-0.8	15	76	9	+27	43	25	227
Takahe Valley CWS	895	8.7	1.8	5.3	+0.3	..	..	..	..	310	22	..	68	23	..
Clyde 2 EWS	170	18.0	4.2	11.1	+0.0	25.0	23	-1.6	10	75	8	+40	27	26	..
Late returns and corrections for September 2024															
Stewart Is	3	13.0	4.1	8.6	+0.0	..	..	..	..	278	20	+155	54	26	..
Late returns and corrections for September 2023															
Russell CWS	15	18.5	9.1	13.8	..	22.6	20	3.9	13	..	..	..	..	..	..
Late returns and corrections for August 2023															
Russell CWS	15	15.7	4.8	10.3	..	18.4	30	0.3	12	..	..	..	..	..	..
Late returns and corrections for July 2023															
Russell CWS	15	16.2	6.7	11.5	..	17.9	15	1.5	29	..	..	..	..	..	..
Late returns and corrections for June 2023															
Russell CWS	15	16.3	7.0	11.7	..	19.2	1	1.8	15	..	..	..	..	..	..
Late returns and corrections for May 2023															
Russell CWS	15	19.1	11.8	15.5	..	21.9	1	4.8	13	..	..	..	..	..	..

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.

©2024. All rights reserved National Institute of Water and Atmospheric Research Ltd.