



Climate Database Statistics Report

December 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 December 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	21.5	15.9	18.7	+1.3	24.0	4	14.7	26	94	14	..	34	16	..
Kaitaia Aero EWS	80	24.4	15.4	19.9	+1.9	26.9	15	11.8	5	51	14	-47	9	25	..
Kaitaia Airport AWS	77	23.8	15.2	19.5	..	26.3	15	11.4	5	57	17	..	10	25	..
Kaitaia EWS	85	24.1	16.5	20.3	+2.6	26.5	15	13.2	18	57	14	-45	12	15	225
Kerikeri EWS	79	24.3	14.3	19.3	+1.3	28.2	29	10.3	3	78	12	-36	22	25	..
Kerikeri Aerodrome Aw	149	23.9	14.2	19.1	+1.3	27.5	29	10.1	18	67	15	-75	13	16	..
Kaikohe AWS	204	23.1	14.2	18.7	+1.3	26.3	4	9.8	18	59	15	-62	16	16	..
Trounson CWS	244	22.5	13.6	18.1	+1.9	26.4	15	7.3	18	62	13	-41	20	26	..
Dargaville 2 EWS	66	23.5	15.0	19.3	+1.4	26.2	2	10.9	18	23	10	-56	6	11	176
Purerua AWS	87	22.9	15.3	19.1	+1.3	..	..	12.7	18	130	14	+38	47	25	..
Whangarei Aero AWS	37	24.3	15.4	19.9	+1.1	27.4	21	11.4	18	38	13	-53	10	16	..
Whangarei EWS	12	25.2	14.0	19.6	+1.6	28.2	14	10.2	3	34	11	..	8	16	240
Mokohinau Island AWS	70	21.9	17.1	19.5	+1.1	24.2	19	14.8	18	52	9	-17	15	16	..
Leigh 2 EWS	27	25.3	15.8	20.6	..	29.0	15	12.4	18	59	12	-22	22	16	..
Warkworth EWS	72	23.2	13.4	18.3	+1.2	25.9	15	9.5	7	92	13	-10	34	9	..
Whangaparaoa AWS	100	24.1	15.5	19.8	+1.6	27.6	15	12.1	18	76	12	-3	28	9	..
Auckland, Whenuapai A	26	23.6	14.2	18.9	+1.2	27.1	15	10.6	11	81	12	..	28	9	..
Auckland, North Shore	64	23.5	14.7	19.1	+1.7	26.7	15	12.0	18	98	12	+11	31	11	252
Auckland, Henderson N	7	25.1	14.4	19.8	+1.3	29.8	15	11.5	11	80	12	-19	18	9	..
Auckland, Motat EWS	16	23.8	15.2	19.5	..	26.9	15	11.4	11	65	11	..	19	11	260
Manukau Heads EWS	240	19.9	14.9	17.4	..	23.0	15	9.9	18	56	16	..	12	12	233
Whitianga Aero AWS	5	24.4	14.7	19.6	+1.8	28.6	29	11.6	18	129	13	+2	31	16	..
Whitianga EWS	1	25.0	14.5	19.8	+1.7	29.1	29	10.9	11	113	12	..	29	16	..
Thames EWS	3	24.6	14.6	19.6	..	28.2	19	7.9	18	108	10	..	45	16	..
Matamata, Hinuera EWS	85	24.5	13.0	18.8	+2.0	28.7	19	6.7	28	73	11	-41	23	26	..
Tauranga CWS	3	24.1	15.5	19.8	..	29.7	29	12.2	11	121	13	..	39	16	..
Tauranga Aero AWS	2	24.8	15.3	20.1	+1.8	29.1	29	12.3	11	..	..	..	..	..	280
Te Puke EWS	123	24.5	14.4	19.5	+2.1	30.2	29	11.3	28	99	10	-37	22	16	..
Whakatane Aero AWS	8	24.4	15.2	19.8	+1.9	29.9	19	9.1	11	96	12	-4	33	12	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	271
Whakatane EWS	1	24.8	15.6	20.2	..	29.8	30	11.7	11	89	11	..	39	12	..
Mamaku Radar WXT AWS	617	18.8	11.5	15.2	+1.3	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	28.0	15.2	21.6	+3.1	34.8	29	10.2	11	..	..	..	..	..	229
Rotorua Aero AWS	286	23.3	12.9	18.1	+1.9	26.9	4	7.2	11	87	13	-30	24	9	..
Galatea AWS	175	23.9	13.9	18.9	+2.0	31.4	29	7.7	11	92	15	..	29	21	..
Taupo CWS	360	24.1	12.4	18.3	..	30.5	29	7.9	10	48	14	..	14	21	..
Tarapounamu EWS	701	19.2	10.3	14.8	+1.2	26.8	29	5.1	18	134	15	+16	40	21	..
Taupo Aero AWS	402	22.6	12.4	17.5	+1.8	27.9	29	5.5	28	45	13	-43	17	21	..
Motu EWS	488	21.7	12.4	17.1	+2.7	27.9	4	6.9	11	152	16	-19	22	21	..
Auckland, Mangere 2 E	16	23.3	16.0	19.7	..	27.3	15	11.5	11	64	12	-8	23	11	275
Auckland Aero	7	23.5	16.2	19.9	+1.4	26.2	15	12.1	18	64	13	-18	24	11	..
Auckland Aero Backup	7	23.5	16.3	19.9	+1.5	26.3	15	12.1	18	63	14	..	24	11	..
Ardmore Aero AWS	41	23.7	14.0	18.9	..	27.7	15	9.2	11	..	..	..	..	..	..
Pukekohe EWS	88	23.3	14.1	18.7	+1.4	28.0	15	8.3	18	64	16	-29	13	22	..
Firth Of Thames EWS	3	24.6	13.8	19.2	+1.7	27.8	15	6.9	28	83	11	+16	36	16	251
Whatawhata 2 EWS	118	23.4	13.0	18.2	+1.3	27.3	15	6.5	18	70	14	-54	26	21	..
Hamilton, Ruakura 2 E	45	24.3	13.2	18.8	+1.6	27.9	15	8.2	11	38	14	-61	6	26	250
Hamilton Aero AWS	53	23.9	12.9	18.4	+1.3	27.8	15	7.3	18	69	14	-31	18	26	..
Port Taharoa AWS	18	22.0	15.4	18.7	+1.1	24.9	25	8.8	18	52	11	-72	12	9	..
Awakino EWS	400	19.9	12.4	16.2	..	26.3	19	5.6	18	135	15	+28	34	12	189
Waikeria EWS	37	24.2	12.7	18.5	..	28.2	19	7.0	18	64	12	-29	16	21	230
Te Kuiti EWS	61	24.6	12.4	18.5	+1.5	28.7	15	7.6	10	61	11	-68	13	9	208
Pureora Forest CWS	549	20.6	9.9	15.3	+1.4	26.0	29	1.3	21	84	14	-26	19	9	..
Taumarunui EWS	170	23.6	12.0	17.8	+1.6	28.5	29	4.5	18	78	12	-55	18	9	..
Taumarunui AWS	186	23.8	11.7	17.8	+1.3	28.9	29	2.7	18	91	14	..	19	9	190
Turangi 2 EWS	360	22.4	10.3	16.4	+1.0	28.9	29	5.6	11	86	12	-45	32	21	250
New Plymouth Aero AWS	28	20.7	14.2	17.5	+1.2	24.3	28	7.6	10	66	17	-53	23	8	274
Lower Retaruke CWS	233	23.2	12.5	17.9	+1.5	28.6	29	6.7	18	68	14	-78	17	8	..
Mt Ruapehu, Chateau E	1097	18.0	7.0	12.5	+1.6	25.1	29	-0.1	18	67	16	-178	15	8	..
Pahiatua EWS	110	21.6	12.7	17.2	+1.7	27.1	25	6.9	7	84	16	..	19	25	..
Masterton Aero AWS	105	23.6	12.0	17.8	+1.6	28.8	29	5.3	1	108	11	..	29	16	..
Masterton EWS	90	23.8	11.7	17.8	+1.8	29.7	29	5.7	1	90	11	..	32	16	238
Masterton, Te Ore Ore	110	25.3	12.4	18.9	+2.0	30.4	4	6.7	1	125	13	+64	57	16	..

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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
Takapau Plains AWS	346	22.1	12.0	17.1	+2.0	27.2	14	6.4	7
Dannevirke EWS	207	22.4	13.2	17.8	+2.1	26.4	14	8.7	7	88	12	+9	13	26	174
Cape Turnagain AWS	285	18.8	13.7	16.3	+1.9	24.7	15	10.0	17	120	12	..	21	26	..
Akitio EWS	245	20.6	13.4	17.0	+2.2	25.0	15	9.4	1	131	12	..	32	31	237
Castlepoint AWS	120	21.4	15.0	18.2	+2.1	27.9	15	10.7	1
Te Wharau, Brackenfie	292	21.9	10.9	16.4	+1.4	28.2	29	4.0	1	136	11	+72	29	26	..
Martinborough EWS	20	23.5	12.7	18.1	+1.7	29.9	29	4.3	1	96	8	+37	36	25	183
Ngawi AWS	8	22.5	15.7	19.1	+1.7	27.9	5	10.0	1	122	9	+55	35	19	..
Hicks Bay AWS	46	22.2	16.0	19.1	+1.8
Gisborne Aero AWS	5	24.6	15.0	19.8	+1.7	31.5	5	9.9	7	230	14	+166	74	26	189
Gisborne EWS	12	25.8	15.2	20.5	+2.0	193	13	+133	60	26	..
Tolaga Bay WXT AWS	15	23.2	15.4	19.3	+2.4	31.7	5	11.4	11	302	20	..	96	26	..
Tutira CWS	235	23.9	14.0	19.0	+2.7	30.8	5	9.5	18	169	14	+93	48	26	..
Napier Aero AWS	3	24.7	14.7	19.7	+1.9	33.1	5	9.5	1	111	13	+53	31	26	..
Napier EWS	7	25.1	16.0	20.6	..	33.8	5	12.2	18	121	11	+65	31	26	244
Maraekakaho CWS	150	25.2	13.3	19.3	..	31.5	5	8.3	1	90	10	..	34	26	..
Hastings AWS	16	26.0	14.3	20.2	+2.2	32.7	5
Whakatu EWS	5	25.3	13.1	19.2	+2.5	33.8	5	7.7	11	61	10	+11	19	26	..
Waipawa EWS	130	24.6	11.9	18.3	+2.0	30.6	14	7.1	7	88	13	+27	27	21	180
Wairoa, North Clyde E	15	25.3	14.1	19.7	+1.5	30.8	5	9.5	1	260	15	+183	87	16	..
Wairoa Aero AWS	13	24.7	14.0	19.4	+2.1	30.3	5	9.3	7	284	16	..	87	16	..
Mahia AWS	136	21.6	15.4	18.5	+1.7	29.4	5	11.5	7	270	12	+202	86	26	..
Cape Kidnappers WXT A	113	21.4	16.3	18.9	+2.3	30.7	5	12.3	18
Paraparaumu Aero AWS	8	20.3	14.2	17.3	+1.2	24.2	21	80	18	-3	22	16	..
Paraparaumu Aero EWS	5	20.7	14.3	17.5	..	24.6	21	8.6	1	65	13	-19	19	16	196
Ohakea AWS	47	21.8	13.6	17.7	+1.0	25.1	25	7.3	28	59	12	..	13	8	..
Palmerston North Aero	39	22.3	13.2	17.8	+1.3	26.2	25	6.3	28	65	13	-21	18	30	..
Palmerston North EWS	21	22.4	13.8	18.1	+1.6	26.8	25	6.6	28	59	11	-31	13	26	174
Levin AWS	15	21.6	13.8	17.7	+1.4	26.8	21	5.9	18	75	14	-24	29	8	..
Levin EWS	23	21.7	13.4	17.6	..	25.6	21	5.4	18	68	15	..	28	8	177
Mana Island AWS	110	18.0	13.8	15.9	+1.1	22.7	21	9.6	1
Porirua, Elsdon Park	7	19.9	14.3	17.1	..	24.5	21	7.4	1
Wellington, Kelburn A	125	19.4	13.9	16.7	+1.1	23.9	21	9.3	1	108	13	+17	26	19	196
Wellington Aero	4	20.7	14.9	17.8	+1.3	24.4	13	9.4	1	85	11	+18	20	19	..
Wellington, Greta Poi	3	22.7	16.5	19.6	+2.8	27.1	21	11.7	1	106	10	..	27	19	..
Wellington Aero Backu	4	20.7	14.9	17.8	+1.3	24.3	13	9.8	1	85	11	+16	21	19	..
Upper Hutt, Trentham	50	21.2	13.1	17.2	+1.6	25.7	29	6.0	1	104	12	+1	25	8	183
Stratford EWS	280	19.9	11.6	15.8	+1.0	23.2	29	6.6	18	96	11	-58	26	25	170
Manaia, Motumate Stm	105	22.6	13.8	18.2	..	25.5	1	9.2	25	30	15	..	10	25	..
Hawera AWS	100	20.3	13.4	16.9	+1.5	23.8	3	60	14	-39	13	25	..
Ohakune EWS	607	20.5	10.5	15.5	+1.1	26.2	29	3.6	28	112	16	+8	30	26	..
Waiouru Aero AWS	820	19.2	8.6	13.9	+1.6	23.9	29	1.3	28	101	17	..	17	31	..
Waiouru EWS	803	19.5	8.1	13.8	..	25.0	29	1.0	28	100	17	-7	18	31	..
Flat Hills WXT AWS	262	21.5	12.9	17.2	+1.5	25.3	29	6.2	28	58	17	-36	10	16	..
Whanganui, Spriggens	15	22.3	14.8	18.6	+1.6	25.5	21	9.8	18	51	11	-39	16	12	..
Whanganui Aero AWS	14	21.2	14.5	17.9	+1.2	8.8	18	61	13	-29	16	12	..
Wanganui 2 AWS	18	22.9	14.4	18.7	+1.5	26.0	21	9.0	18
Takaka EWS	20	24.9	11.4	18.2	+2.1	31.0	4	5.8	18	74	7	-117	22	8	278
Farewell Spit AWS	3	24.2	14.8	19.5	+2.7	26.5	5	11.8	18	41	9	-52	13	21	..
Westport Aero AWS	5	20.1	13.7	16.9	+1.7	24.5	27	9.1	10	206	21	+9	29	8	..
Westport EWS	6	20.0	13.6	16.8	..	24.6	27	8.6	10	187	17	..	29	8	246
Arapito EWS	3	21.3	12.9	17.1	+1.9	25.5	27	9.0	10	129	17	-82	36	4	163
Hokitika Aero AWS	40	20.2	12.6	16.4	+1.9	25.2	26	6.3	17	351	20	+75	87	15	246
Hokitika EWS	39	20.2	12.4	16.3	..	25.1	26	5.9	17	331	18	..	83	15	..
Reefton EWS	198	23.4	11.8	17.6	+1.7	29.2	28	5.8	17	140	15	-22	39	21	225
Greymouth Aero EWS	5	20.3	12.9	16.6	+2.0	25.2	19	8.9	10	302	18	+69	87	15	215
Pigeon Creek CWS	105	21.3	12.4	16.9	+2.0	26.8	27	7.5	10	511	22	..	102	8	..
Mt Philistine EWS	1655	9.8	4.2	7.0	+1.7	16.6	28	-2.1	17	524	25	..	136	8	..
Mahanga EWS	1995	10.0	4.0	7.0	+1.9	18.2	28	-2.9	17	166	19	..	35	8	..
Ivory Glacier CWS	1390	12.0	5.0	8.5	..	18.5	28	0.7	10	604	22	-50	162	8	..
Okarito EWS	1	19.9	12.4	16.2	..	24.1	26	7.2	10	356	18	..	107	8	..
Franz Josef EWS	80	20.6	11.2	15.9	+1.8	25.6	26	5.9	17	471	23	+34	87	8	163
Franz Josef @ Crawfor	1612	11.4	4.5	8.0	..	17.7	28	-0.3	9	643	24	..	119	8	..

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	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Lake Moeraki EWS	10	19.9	11.5	15.7	..	26.4	26	6.6	17	417	22	..	56	8	..
Haast AWS	1	19.3	12.1	15.7	+2.3	27.3	26	8.1	2	325	25	-15	46	4	..
Milford Sound AWS	3	19.5	11.4	15.5	+1.4	..	..	6.1	17	..	..	..	..	..	..
Milford Sound EWS	3	19.3	11.5	15.4	..	26.0	26	6.2	17	737	23	..	140	10	..
Castle Mount EWS	2000	7.4	2.0	4.7	+1.7	14.1	27	-4.2	9	471	23	..	103	4	..
Secretary Island AWS	19	18.9	12.1	15.5	+2.0	..	..	9.2	17	351	20	-14	48	4	..
Puysegur Point AWS	45	17.4	11.9	14.7	+1.9	22.9	4	5.7	17	229	25	+33	46	28	..
Stephens Island AWS	188	18.3	13.7	16.0	..	22.4	29	10.4	18	31	17	..	14	21	..
Motueka, Riwaka EWS	8	24.3	12.9	18.6	+2.0	31.5	4	7.2	19	72	8	-27	29	30	..
Pelorus Sd, Crail Bay	13	22.0	14.6	18.3	+1.7	26.5	4	..	..	101	11	-47	42	21	..
Nelson Aero	2	23.0	14.2	18.6	+1.9	..	..	..	..	..	..	..	..	..	..
Appleby 2 EWS	18	24.1	11.3	17.7	+2.0	30.2	4	3.0	18	67	7	-21	24	20	274
Richmond EWS	1	23.1	13.1	18.1	+1.5	30.0	5	5.4	18	48	7	..	18	30	283
Nelson Aero AWS	6	22.7	14.6	18.7	+1.9	29.3	5	8.3	18	51	8	-38	14	20	..
Blenheim Research EWS	4	24.7	13.7	19.2	+2.4	32.4	5	7.6	1	41	6	-9	21	30	280
Wairau Valley, Mill R	172	24.6	12.6	18.6	+2.3	32.2	29	5.0	19	86	10	+3	26	28	..
Blenheim Aero AWS	36	25.0	12.5	18.8	+2.3	32.5	5	4.8	18	64	9	+8	33	30	..
Brothers Island AWS	68	18.3	14.3	16.3	+1.0	23.6	21	11.6	17	34	13	-15	14	21	..
Cape Campbell AWS	6	19.7	14.3	17.0	+1.8	26.5	5	10.6	17	39	7	-1	18	16	..
Boyle River Lodge	600	22.4	10.5	16.5	+2.4	..	..	..	..	234	20	+54	48	4	..
Hanmer Forest EWS	363	24.7	9.3	17.0	+2.6	31.3	12	3.2	28	102	11	+31	27	30	..
Kaikoura, Middle Cree	5	21.9	11.2	16.6	+2.0	32.6	5	4.9	18	18	10	..	7	17	..
Kaikoura AWS	108	21.2	13.3	17.3	+1.9	30.4	5	8.2	18	97	10	+48	26	30	..
Arthurs Pass	745	18.3	9.3	13.8	+2.0	25.6	18	..	..	385	20	-63	93	8	..
Arthurs Pass EWS	745	18.7	9.5	14.1	+2.2	26.3	18	3.6	18	389	21	..	110	8	..
Arthurs Pass AWS	743	17.5	9.1	13.3	+1.9	24.8	28	3.3	18	441	23	..	128	8	..
Culverden AWS	181	22.6	11.9	17.3	+1.8	28.6	4	5.9	18	73	10	+25	25	26	..
Medbury CWS	232	23.2	10.8	17.0	+1.7	28.2	4	3.4	1	63	11	..	14	16	..
Balmoral East CWS	172	23.4	11.4	17.4	..	29.5	29	4.9	1	57	12	..	11	26	..
Waipara North Branch	497	21.6	9.7	15.7	..	26.7	4	-0.2	18	70	12	..	14	16	..
Waiau School CWS	136	24.6	11.2	17.9	+1.4	30.8	4	0.0	20	77	11	+19	17	30	..
Cheviot EWS	75	23.5	10.8	17.2	+1.8	31.0	4	..	..	60	5	+15	24	16	..
Upper Rakaia EWS	1752	10.0	3.9	7.0	+1.4	16.6	28	-2.9	17	392	24	+148	58	8	..
Mt Potts EWS	2128	9.0	2.3	5.7	+1.1	17.5	28	-5.7	17	..	..	..	..	..	..
Mt Cook EWS	730	19.7	9.0	14.4	+1.6	27.1	28	3.5	17	425	20	-1	75	4	177
Mueller Hut EWS	1818	10.0	4.0	7.0	+1.4	17.5	1	-3.7	17	591	23	..	83	4	..
Mt Cook Aero AWS	656	20.4	8.9	14.7	+1.5	28.6	28	2.7	18	219	20	..	35	8	..
Cass EWS	571	22.3	9.7	16.0	..	30.2	28	-0.2	19	79	15	..	19	15	..
Mt Somers, Somer Down	372	21.9	9.9	15.9	..	29.5	4	..	..	136	15	+24	25	23	..
Methven CWS	313	21.8	10.1	16.0	+1.4	28.8	14	1.3	17	95	13	+10	20	26	..
Te Pirita at Sharland	208	22.2	11.4	16.8	..	29.0	5	3.8	18	90	12	..	24	25	..
Winchmore 2 EWS	164	22.0	9.3	15.7	..	30.9	4	2.7	19	68	11	+5	19	19	226
Mayfield at Ruapuna F	325	21.1	9.8	15.5	..	27.3	4	3.3	18	145	17	..	27	22	..
Peel Forest	286	21.4	9.9	15.7	+1.6	29.8	3	3.0	18	155	20	+37	42	22	..
Lismore, Racemans Hou	168	21.6	10.9	16.3	+1.6	29.9	4	4.1	18	60	12	..	15	16	..
Ashburton Council	101	23.0	11.7	17.4	+1.7	31.2	4	5.3	18	80	16	+20	17	19	..
Ashburton Aero AWS	88	22.0	10.5	16.3	+1.5	30.8	3	1.8	19	79	13	+10	19	19	232
Wakanui 2 CWS	53	21.5	10.6	16.1	..	30.2	3	3.0	19	80	11	..	16	30	..
Waipara West EWS	130	23.5	11.6	17.6	+1.7	30.4	4	5.6	18	57	11	+5	11	15	218
Ohoka CWS	39	21.5	11.1	16.3	..	30.4	14	3.9	10	..	..	..	..	..	..
Rangiora EWS	23	21.9	11.0	16.5	+1.2	31.0	14	3.6	10	76	9	+29	15	26	230
Christchurch Aero	37	22.8	11.4	17.1	+1.4	..	..	4.4	2	105	13	+57	32	30	..
Christchurch Aero Bac	37	22.6	11.3	17.0	+1.4	31.4	14	4.3	2	108	13	..	38	30	..
Christchurch Gardens	7	23.1	12.5	17.8	+1.6	31.9	14	7.7	17	90	10	+38	49	30	..
Christchurch, Kyle St	6	24.1	12.0	18.1	+1.8	33.4	14	7.1	17	89	8	+42	46	30	..
Christchurch Botanic	17	23.2	12.7	18.0	..	32.3	14	7.9	17	85	9	..	46	30	..
Bromley EWS	3	22.2	13.1	17.7	..	33.2	14	7.7	28	40	9	..	11	26	244
Lincoln, Broadfield E	18	22.0	11.7	16.9	+1.4	30.1	3	5.2	10	91	13	+42	25	30	237
Lincoln, Broadfield E	17	22.1	11.2	16.7	..	30.7	14	4.8	2	94	12	..	26	30	235
Sugar Loaf AWS	496	19.6	10.8	15.2	+1.8	27.0	14	5.7	17	..	..	..	..	..	..
Diamond Harbour EWS	122	22.1	12.8	17.5	+2.2	30.8	14	7.8	28	76	8	..	50	30	252
Akaroa EWS	45	23.4	13.2	18.3	+2.1	31.9	14	8.4	28	116	8	+55	72	30	249
Le Bons Bay AWS	238	18.4	11.9	15.2	+1.3	28.1	14	7.0	17	114	11	+66	37	30	..

Summary of the records of Temperature, Rainfall and Sunshine December 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
Lake Tekapo, Air Safa	762	21.5	7.8	14.7	+1.4	..	..	..	..	57	14	+10	13	30	..
Lake Tekapo EWS	762	22.1	8.1	15.1	+1.7	29.0	28	0.7	17	51	11	+10	13	30	236
Fairlie AWS	403	20.4	10.6	15.5	+1.8	27.3	8	4.7	10	138	19	..	39	30	..
Pukaki Aerodrome AWS	461	23.5	8.2	15.9	+1.0	31.3	28	1.9	17	57	15	-6	16	16	..
Orari Estate	81	21.9	10.4	16.2	+1.3	31.3	3	3.6	19	61	10	+1	17	19	..
Orari Estate EWS	81	22.1	10.4	16.3	+1.8	31.0	3	3.4	18	61	11	..	17	19	..
Timaru Aero AWS	27	21.1	10.7	15.9	+1.5	31.8	3	3.2	18	48	11	-4	16	19	..
Timaru EWS	17	20.3	12.1	16.2	+1.9	31.9	8	6.9	19	40	9	-14	16	19	..
Waimate CWS	39	20.5	11.7	16.1	+1.7	31.0	8	6.2	12	34	12	-10	17	19	..
Oamaru Airport AWS	30	19.4	11.1	15.3	+1.3	29.7	3	5.0	17	42	12	-11	19	19	..
Albert Burn	1280	13.9	5.7	9.8	+1.1	21.7	18	-1.6	17	349	21	+83	44	8	..
Mt Larkins EWS	1900	8.2	3.1	5.7	+2.4	15.0	27	-3.4	9	154	22	..	27	25	..
Eglinton, Knobs Flat	365	20.6	8.5	14.6	+1.5	27.8	18	0.6	17	188	19	+25	31	8	..
Tara Hills AWS	485	23.4	8.6	16.0	+1.3	..	..	..	..	..	..	..	..	..	..
Wanaka CWS	331	22.5	11.2	16.9	..	29.1	28	2.4	17	41	18	..	16	25	..
Wanaka Aero AWS	352	23.4	11.2	17.3	+1.7	30.3	28	2.8	17	58	17	+0	30	25	..
Windsor EWS	81	21.2	10.0	15.6	+1.4	31.8	3	4.2	10	25	7	-31	12	19	..
Ranfurly EWS	450	22.7	8.7	15.7	+2.0	31.6	28	0.2	17	56	10	-5	31	29	..
Oamaru AWS	40	19.4	10.9	15.2	+1.3	31.6	3	5.5	17	43	14	-16	17	19	..
Middlemarch EWS	213	22.5	9.5	16.0	+1.7	30.9	3	1.8	18	63	12	-14	23	29	..
Dunedin Aero AWS	2	20.8	10.4	15.6	+1.4	30.4	3	2.9	1	75	19	+7	21	29	..
Dunedin, Musselburgh	4	18.9	12.1	15.5	+1.5	28.6	8	8.7	1	74	19	+3	26	20	193
Oamaru EWS	20	18.8	11.0	14.9	+1.4	30.4	3	5.4	17	30	10	..	12	19	201
Murchison Mtns EWS	1140	14.1	6.8	10.5	+2.6	21.0	27	1.3	17	285	19	+35	48	12	..
Takahe Valley CWS	895	15.8	5.9	10.9	+1.9	..	..	..	..	..	..	..	..	..	..
Te Anau At Park HQ Cw	204	19.1	9.9	14.5	..	25.4	18	1.2	17	..	..	..	..	..	..
Manapouri, West Arm J	178	19.8	10.1	15.0	+1.9	26.8	18	5.5	17	288	17	-24	51	8	..
Manapouri Aero AWS	209	20.8	9.3	15.1	+1.8	26.4	18	0.4	17	71	19	-26	14	21	..
Birchwood WXT AWS	149	19.7	11.0	15.4	+2.1	26.9	18	3.6	17	72	19	..	24	21	..
Queenstown EWS	322	22.9	11.5	17.2	..	29.5	18	4.5	17	76	18	..	22	25	..
Queenstown Aero AWS	357	21.6	10.5	16.1	+1.8	29.0	18	2.5	17	70	16	+10	27	25	203
Five Rivers CWS	260	20.8	10.1	15.5	+2.2	27.2	18	2.0	17	107	16	..	31	29	..
Lumsden AWS	194	20.9	9.4	15.2	+1.8	27.1	8	1.0	17	136	21	+42	41	29	..
Waipounamu CWS	152	21.3	9.7	15.5	+1.5	28.3	8	-0.2	17	78	21	..	23	21	..
Cromwell EWS	213	25.2	10.5	17.9	+1.5	32.4	28	2.2	17	54	11	+9	40	29	225
Lauder EWS	371	24.1	9.8	17.0	+2.2	31.1	28	1.5	17	38	11	-13	15	29	..
Ophir 2	305	23.9	8.6	16.3	+1.9	..	..	..	..	16	9	-33	7	25	..
Alexandra	150	25.4	11.6	18.5	+1.8	..	..	..	..	22	11	-13	12	29	..
Clyde 2 EWS	170	26.0	11.2	18.6	+2.4	33.8	28	..	..	28	14	-15	18	29	..
Alexandra AWS	231	24.4	10.8	17.6	+2.1	31.8	28	3.1	17	23	11	..	12	29	..
Alexandra EWS	132	25.4	11.4	18.4	..	31.9	28	4.0	17	20	10	..	12	29	199
Roxburgh WXT AWS	160	22.1	11.3	16.7	+1.7	29.1	3	4.9	17	73	12	..	28	29	..
Ettrick No.2	91	23.9	9.2	16.6	+1.7	31.3	3	2.0	17	43	9	-19	14	29	..
Tapanui EWS	180	22.3	9.5	15.9	..	28.8	8	0.8	17	73	17	..	18	21	..
Gore AWS	123	20.0	10.1	15.1	+1.7	27.1	8	3.0	17	133	18	+45	55	21	..
Gore EWS	60	20.3	9.7	15.0	..	27.8	8	0.9	17	115	18	..	50	21	207
Invercargill Aero	1	19.5	10.7	15.1	+1.9	27.4	8	3.3	17	95	21	+3	47	21	168
Invercargill Aero AWS	3	19.6	10.7	15.2	+1.9	27.4	8	3.3	17	98	22	+5	46	21	..
Invercargill Aero 2 E		19.4	10.2	14.8	+1.7	27.4	8	3.8	17	90	20	+7	45	21	169
Tiwai Point EWS	5	18.0	11.3	14.7	+1.3	26.3	4	4.3	17	107	20	+20	48	21	..
Stewart Island EWS	3	17.8	10.7	14.3	..	25.1	8	6.1	1	107	23	..	20	21	..
Balclutha, Telford Ew	11	19.9	9.8	14.9	+1.7	29.1	8	0.5	17	67	18	+22	19	29	152
Balclutha, Finegand E	6	19.8	10.1	15.0	..	29.0	8	1.2	17	62	20	..	15	29	..
Nugget Point AWS	131	17.3	10.5	13.9	+0.9	27.6	3	6.5	17	70	23	+1	16	20	..
Tautuku EWS	25	18.6	10.3	14.5	..	28.3	8	2.4	17	132	23	..	54	21	..
South West Cape AWS	103	15.9	9.5	12.7	+0.4	21.7	4	-12.0	31	161	23	+56	33	21	..
Kiribati,Cassidy Chri	3	30.6	25.6	28.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Munda	6	..	25.3	..	..	..	..	..	..	..	..	..	..	..	..
Solomon, Honiara	56	33.3	24.6	29.0	..	35.2	19	..	..	..	..	..	..	..	..
Solomon, Henderson	9	32.2	24.0	28.1	..	..	..	..	..	..	..	..	..	..	..
Solomon, Santa Cruz	24	..	25.4	..	..	..	..	..	..	..	..	..	..	..	..
Vanuatu,Pekoa	56	30.7	23.9	27.3	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	31.3	23.2	27.3	..	..	..	..	..	..	..	..	..	..	..

Summary of the records of Temperature, Rainfall and Sunshine December 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
New Cal, Koumac	18	31.1	23.1	27.1	..	34.4	13	21.2	27	..	..	..	..	..	..
New Cal, Oulop	7	30.2	24.3	27.3	..	32.9	25	19.2	27	..	..	..	..	..	..
New Cal, Ouanaham	29	29.7	22.9	26.3	..	31.9	21	18.5	28	..	..	..	..	..	..
New Cal, Nouma	72	31.5	23.0	27.3	..	35.7	15	20.2	28	..	..	..	..	..	..
Kiribati,Butaritari	2	32.0	26.5	29.3	..	..	..	..	..	..	..	..	..	..	..
Kiribati,Tarawa	2	..	27.0	..	..	..	..	..	..	..	..	..	..	..	..
Kiribati, Bonriki Int	4	31.7	26.7	29.2	..	..	..	24.4	31	..	..	..	..	..	..
Tuvalu,Funafuti Aero	1	31.6	26.4	29.0	..	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	31.4	23.3	27.4	..	34.0	6	20.7	31	..	..	..	..	..	..
Fiji,Nausori Aero	6	30.9	23.8	27.4	..	..	..	20.6	31	..	..	..	..	..	..
Maopoopo, Futuna Isla	36	31.8	25.3	28.6	..	..	..	23.9	19	..	..	..	..	..	..
Samoa,Faleolo	4	30.8	24.3	27.6	..	..	..	22.2	2	..	..	..	..	..	..
Samoa, Apia	1	29.9	24.8	27.4	..	..	..	22.5	9	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	30.9	25.8	28.4	..	32.4	30	24.3	20	..	..	..	..	..	..
Tonga,Keppel	2	30.6	22.5	26.6	..	31.5	22	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	30.0	22.8	26.4	..	31.1	20	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	29.7	25.5	27.6	..	..	..	..	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	29.9	23.6	26.8	..	..	..	..	..	..	..	..	..	..	..
CI Rarotonga Aero	7	28.6	23.2	25.9	..	..	..	..	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	31.3	23.5	27.4	..	33.7	14	22.4	3	..	..	..	..	..	..
Tahiti - Faaa	1	30.9	24.8	27.9	..	32.5	7	22.1	13	..	..	..	..	..	..
Tuamotu, Takaroa	2	31.2	24.9	28.1	..	..	..	22.3	12	..	..	..	..	..	..
Tuamotu, Hao	3	29.3	25.2	27.3	..	30.5	10	22.7	19	..	..	..	..	..	..
Gambier, Rikitea	91	27.5	22.6	25.1	..	28.9	29	19.2	12	..	..	..	..	..	..
Tubuai	2	27.7	23.0	25.4	..	29.1	8	20.0	23	..	..	..	..	..	..
Rapa	1	25.3	21.2	23.3	..	27.8	25	16.7	19	..	..	..	..	..	..
Raoul Island AWS	50	25.0	20.2	22.6	+1.5	27.3	14	..	..	110	18	+11	36	25	..
Enderby Is AWS	39	13.1	8.7	10.9	..	16.1	26	5.2	16	128	24	..	36	4	..
Campbell Island AWS	16	11.6	6.8	9.2	+0.3	15.4	29	0.8	31	171	24	+56	44	4	..
Chatham Island Aero A	12	19.7	13.8	16.8	+2.4	22.7	5	7.4	3	72	21	+9	18	27	..
Georg Von Neumayer	40	-1.7	-7.4	-4.6	..	-0.1	12	-17.9	2	..	..	..	..	..	..
Ant South Pole	2827	-27.9	-31.3	-29.6	..	-22.1	28	-38.5	1	..	..	..	..	..	..
Halley Bay	30	-3.5	-10.1	-6.8	..	0.2	29	-16.1	4	..	..	..	..	..	..
Gen Belgrano 2	256	0.8	-7.0	-3.1	..	5.9	30	-10.0	27	..	..	..	..	..	..
Bellingshausen	16	2.0	-0.6	0.7	..	5.5	30	..	..	..	..	..	..	..	..
Base Jubany	4	3.4	-0.2	1.6	..	7.2	12	-3.4	7	..	..	..	..	..	..
Dinamet	10	2.5	-0.6	1.0	..	5.3	18	-5.4	7	..	..	..	..	..	..
V C Marambio	198	2.3	-3.6	-0.7	..	11.7	30	-8.0	4	..	..	..	..	..	..
Eduardo Frei	10	1.4	-0.9	0.3	..	3.4	26	-3.3	5	..	..	..	..	..	..
Arturo Prat		1.9	-0.4	0.8	..	..	..	..	..	..	..	..	..	..	..
Great Wall	10	3.1	-0.4	1.4	..	6.0	16	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-1.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Palmer Station	8	3.7	-0.5	1.6	..	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	2.3	-1.0	0.7	..	6.2	30	-4.5	2	..	..	..	..	..	..
Argentine Is, Faraday	11	3.1	-1.6	0.8	..	7.2	12	-5.4	5	..	..	..	..	..	..
Gen San Martin	4	3.7	-1.6	1.1	..	7.4	25	-6.5	1	..	..	..	..	..	..
Novolax Arevskaja	99	2.2	-3.2	-0.5	..	7.5	26	..	..	..	..	..	..	..	..
Maitri		3.6	-2.2	0.7	..	9.2	28	..	..	..	..	..	..	..	..
Syowa	21	1.1	-4.5	-1.7	..	9.3	26	-10.1	20	..	..	..	..	..	..
Mawson	16	3.1	-3.5	-0.2	..	..	..	-5.3	5	..	..	..	..	..	..
Davis	13	3.8	-2.7	0.6	..	..	..	..	..	..	..	..	..	..	..
Progress	64	2.5	-1.7	0.4	..	..	..	-6.0	11	..	..	..	..	..	..
Mirnyj	30	1.8	-4.6	-1.4	..	..	..	..	..	..	..	..	..	..	..
Vostok	3420	-27.5	-38.0	-32.8	..	..	..	..	..	..	..	..	..	..	..
Casey	41	2.3	-3.1	-0.4	..	..	..	-6.5	1	..	..	..	..	..	..
Wilkins Runway East	755	-2.1	-9.2	-5.7	..	..	..	..	..	..	..	..	..	..	..
Durmout Durville	43	1.6	-2.9	-0.7	..	5.8	22	-7.9	1	..	..	..	..	..	..
Mcmurdo	24	0.5	-5.3	-2.4	..	3.7	31	-11.0	1	..	..	..	..	..	..
Arrival Heights EWS	187	-1.2	-6.4	-3.8	..	2.7	31	-12.4	2	..	..	..	..	..	..
Scott Base 2 EWS	42	0.2	-5.9	-2.9	..	3.9	19	-11.0	2	..	..	..	..	..	..
Casey, Skiway South	392	2.4	-6.8	-2.2	..	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	33.3	20.4	26.9	..	35.9	4	17.3	24	..	..	..	..	..	..
Mangatawhiri Dam Ews	151	24.1	12.5	18.3	..	48.6	6	5.5	18	127	13	..	50	16	..

Summary of the records of Temperature, Rainfall and Sunshine December 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	
Skid Site Ews	Metres 415	°C 21.0	°C 12.2	°C 16.6	°C ..	°C ..	°C ..	°C 8.2	18	mm 124	12	mm ..	mm 30	9	Hrs ..
Late returns and corrections for November 2024															
Dargaville 2 EWS	66	20.5	12.3	16.4	+0.7	23.7	10	6.5	5	48	14	-18	17	14	133
Nihotupu Lower	5	22.1	12.1	17.1	..	25.9	9	6.2	5	72	11	..	26	15	..
Waiheke Island, Awaro	34	20.4	12.3	16.4	+0.7	..	..	..	..	36	9	-40	16	15	..
Auckland Aero	7	20.4	13.8	17.1	+0.9	..	..	..	..	..	..	..	..	..	..
Wellington Aero	4	18.2	12.7	15.5	+1.1	22.0	26	6.3	4	51	11	-24	32	14	..
Taihape Rec	433	20.3	7.6	14.0	+1.1	25.0	27	-0.3	4	51	16	-26	16	13	..
Boyle River Lodge	600	19.4	6.6	13.0	+1.4	26.6	26	..	..	180	22	-12	59	8	..
Mt Somers, Somer Down	372	19.2	7.3	13.3	..	27.1	28	-0.7	2	30	12	-72	15	15	..
Christchurch Aero	37	19.1	9.2	14.2	+1.0	31.1	28	1.9	17	21	11	-24	9	2	234
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	..
Clyde 2 EWS	170	22.0	5.7	13.9	+0.5	29.2	28	-1.2	3	4	6	-36	1	8	..
Ettrick No.2	91	19.8	6.3	13.1	+0.7	28.0	28	-0.5	3	19	7	-37	7	26	..
Late returns and corrections for October 2024															
Auckland, Henderson N	7	20.1	9.5	14.8	+0.3	24.4	25	3.9	4	99	16	-5	34	2	..
Waiheke Island, Awaro	34	18.4	10.3	14.4	+0.2	..	..	..	..	75	14	-17	26	2	..
Clyde 2 EWS	170	18.0	4.2	11.1	+0.0	25.0	23	-1.6	10	75	8	+40	27	26	..

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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