

SUMMARY OF METEOROLOGICAL OBSERVATIONS FOR 1927.

(The observations were taken at 9 a.m.)

Station.	Mean Pressure in Inches reduced to Sea-level and Standard Gravity.	Temperature (Degrees Fahrenheit) in shade.					Hours of Sunshine.	Rainfall.	
		Mean Maximum.	Mean Minimum.	Approximate Mean Temperature.	Extremes.			Total fall (Inches).	Number of Days.
					Maximum and Date.	Minimum and Date.			
Auckland .. ..	29.963	64.1	52.9	58.5	80.0, Jan. 24	37.0, June 16	1,928.5	53.56	201
Matamata .. ..	..	65.5	44.9	55.1	85.2, Feb. 6	22.4, July 15	..	50.56	157
Ruakura, Hamilton East	..	67.8	44.9	56.3	88.4, Jan. 27	23.6, July 15	..	49.92	174
Te Aroha .. ..	..	67.9	48.5	58.2	88.0, Jan. 19, Feb. 6	24.0, June 15, July 15	..	52.63	157
Waihi .. ..	..	65.8	47.6	56.7	87.3, Jan. 26	26.5, June 15	1,995.4	82.17	190
Tauranga .. ..	..	66.3	47.6	56.9	84.0, Jan. 17, Feb. 4	30.0, July 15	..	60.51	165
Rotorua .. ..	..	63.8	45.5	54.6	87.0, Jan. 28	27.0, July 16, July 18	1,997.5	58.05	149
New Plymouth ..	..	62.2	48.9	55.5	80.0 Feb. 13	29.4, July 15	2,071.7	63.93	194
Taihape .. ..	..	57.1	43.1	50.1	80.0, Feb. 14	27.7, July 14	..	41.15	184
Palmerston North	..	61.9	..	..	89.0, Dec. 26	..	..	38.37	173
Tangimoana .. ..	..	63.3	46.9	55.1	85.0, Jan. 30	29.0, June 14	..	34.01	142
Weraoia, Levin ..	..	62.2	47.2	54.7	87.0, Feb. 1	29.0, July 24	1,992.7	41.86	166
Napier .. ..	..	64.4	49.1	56.7	85.5, Jan. 24	28.5, July 16	2,298.0	31.18	133
Masterton .. ..	..	64.0	44.2	54.1	93.0, Feb. 14	26.8, July 16	2,080.4	43.78	162
Wellington .. ..	29.930	61.7	49.1	55.4	84.0, Feb. 1	31.2, Aug. 29	2,055.1	43.35	167
Nelson .. ..	29.899	61.8	44.8	53.3	81.1, Feb. 6	27.9, July 15	2,560.4	36.43	113
Hokitika .. ..	30.014	59.7	44.0	51.8	75.0, Jan. 31	26.5, June 20	2,143.1	107.96	188
Hanmer Springs ..	..	60.2	39.2	49.7	95.0, Feb. 14	19.0, May 12	2,135.2	45.45	134
Christchurch .. ..	29.886	60.2	43.0	51.6	89.2, Feb. 7	25.8, June 2, 5	..	21.36	135
Ashburton .. ..	..	60.2	40.7	50.4	94.0, Feb. 14	23.0, May 12, May 13, June 5	..	26.43	139
Lake Tekapo .. ..	..	56.3	33.6	44.9	86.0, Feb. 13	4.0, June 20	2,742.8	19.24	58
Timaru .. ..	..	59.9	41.6	50.7	90.4, Jan. 20	24.0, July 1	2,030.0	20.58	139
Waimate .. ..	..	59.2	40.8	50.0	87.0, Jan. 17	23.0, July 2	2,169.6	26.80	131
Waipiata .. ..	..	57.3	37.3	47.3	84.8, Feb. 14	12.0, June 19	2,275.6	17.80	133
Ophir .. ..	..	58.8	36.7	47.7	87.9, Feb. 13	8.7, July 2	..	15.00	82
Dunedin .. ..	29.887	58.2	42.6	50.4	85.0, Jan. 18	29.0, June 17	1,630.6	46.63	169
Gore .. ..	..	58.8	39.2	49.0	87.0, Feb. 13, Feb. 14	18.0, June 21	2,021.0	34.70	186
Invercargill .. ..	..	57.0	41.2	49.1	85.0, Feb. 14	24.0, June 19, July 1	1,444.2	43.72	226

EDWARD KIDSON,  
Director of Meteorological Services.

REPORT OF THE DOMINION ASTRONOMER AND SEISMOLOGIST FOR THE YEAR 1927.

BUILDINGS AND EQUIPMENT.

The buildings and equipment have been kept in good order and condition. The Observatory grounds are kept in good order by the Wellington City Corporation.

ASTRONOMY.

Astronomical Observations.

Observations of the meridian transits of stars and the sun have been made for the purpose of controlling the time service. The meridian transits of the sun are observed on every fine day, except on Saturdays, Sundays, and Government holidays, and the stars are observed whenever necessary.

Reception of Radio Time Signals at the Observatory.

The following radio time signals were received at the Observatory: Mean-time signals from Honolulu, 228; Malabar, Java, 216; Nauen, 205; Bordeaux, 57; Kavite, 55; Annapolis, 4. Scientific time signals were also received at the Observatory as follows: Nauen, 111; Bordeaux, 42; Rugby, 1.