



NEW ZEALAND  
GOVERNMENT GAZETTE  
PROVINCE OF CANTERBURY.

Published by Authority.

*All Public Notifications which appear in this Gazette, with any Official Signatures, are to be considered as Official Communications made to those persons to whom they may relate, and are to be obeyed accordingly.*

By His Honor's Command,  
F. E. STEWART,  
Provincial Secretary.

VOL. XV.

THURSDAY, JANUARY 9, 1868.

No. II.

Public Works Office,  
Christchurch, Dec. 30, 1867.

THE following Regulations for the guidance of Thistle Inspectors, are published in pursuance of Clause 6 of "The Thistle Ordinance, 1866":—

REGULATIONS.

1. Every Inspector is to be responsible for the due carrying out of the provisions of "The Thistle Ordinance, 1866," in the district for which he is appointed.
2. To furnish Weekly Reports to the Secretary for Public Works, accompanied by a Diary, shewing the manner in which he has been employed during the week, and a statement of any expenses incurred by him during such period, for labour employed or otherwise.
3. To provide himself with a suitable implement with which to eradicate any Thistles he may meet with on Roads, Government Reserves, and Waste Lands of the Crown.
4. The Inspector may employ additional labour in the eradication of Thistles growing in such localities: Provided they exist in such quantities as to render it impossible for

him unaided to prevent some from becoming ripe and shedding their seed.

F. E. STEWART,  
Secretary for Public Works.

SALE OF TOWN AND RURAL  
LANDS.

HIS Honor the Superintendent directs it to be notified that he has fixed THURSDAY, the Thirteenth day of February, 1868, at the hour of noon, at a sitting of the Waste Lands Board, in the Land Office at Christchurch, as the time and place when a Sale by Auction of Town and Rural Land shall take place in accordance with Clause 24, and Clause 35 of the Waste Lands Regulations, subject to the usual conditions of sale, and in conformity with the Regulations for the disposal, sale, letting, and occupation of the Waste Lands of the Crown, now in force within the Province of Canterbury.

Applications will be received by the Waste Lands Board on and up to Thursday, the Thirtieth day of January, 1868.

F. E. STEWART,  
Secretary for Public Works.  
Public Works Office,  
Christchurch, Dec. 30, 1867.

VOL. XV. No. 2.

# RESULTS OF METEOROLOGICAL OBSERVATIONS

DEDUCED FROM DAILY REGISTERS KEPT AT THE  
Government Stations in Christchurch, Hokitika, and Bealey, Canterbury,  
FOR NOVEMBER, 1867.

		CHRISTCHURCH STATION.	HOKITIKA STATION.*	BEALEY STATION.†	
Latitude		- 43° 32' 16" S.	- 42° 41' 30" S.	- 42° 2' S.	
Longitude		- 172° 38' 59" E.	- 170° 59' E.	- 171° 37' E.	
Height above Sea		- 21 feet.	- 8 feet.	- 2,100 feet.	
Distance from Sea		- 5 miles.	- ½ mile.	- 38 miles (West Coast).	
		CHRISTCHURCH.	HOKITIKA.	BEALEY.	
Barometer corrected and reduced to 32 deg. F.	Mean	29.450	29.613	—	
	Highest in Month	(16th) 29.965	(1st) 30.140	—	
	Lowest in Month	(24th) 28.663	(24th) 28.894	—	
Self-registering Thermometers.	In Shade and protected.	Mean Temperature of Atmosphere	56.8	52.3	46.6
		Mean of all Highest	67.5	57.8	53.9
		Mean of all Lowest	46.1	46.6	39.3
		Highest in Month	(3rd) 85.7	(4th) 62.0	(4th) 62.8
		Lowest in Month	(26th) 33.8	(28th) 35.0	(13th) 31.0
		Mean Daily Range	21.4	11.4	14.6
Minimum in Sun.	Mean	101.7	77.2	64.4	
	Highest in Month	(13th) 125.5	(25th) 85.0	(28th) 78.5	
Minimum on Grass.	Mean	36.8	42.8	25.3	
	Lowest in Month	(12th) 23.0	(28th) 30.0	(28th) 12.5	
Hygrometer (deductions).	Mean Temperature of Evaporation	50.7	50.2	43.4	
	Mean Temperature of Dew Point	45.1	48.3	39.7	
	Mean Tension of Vapour	.301	.339	.244	
	Mean Humidity (saturation=100)	65	86	78	
	Mean Weight of a Cubic Foot of Air	527.8 grains	535.2 grains	—	
	Mean Weight of Vapour in a Cubic Foot of Air	3.3 „	3.8 „	2.8 grains	
	Mean Weight required to saturate a Cubic Foot of Air	1.8 „	0.6 „	0.8 „	
Rain.	Total amount collected in Inches	4.424	15.60	15.00	
	Greatest Fall in one Day	(15th) 1.030	(23rd) 2.42	(9th) 2.11	
	Number of Days it Fell	13	23	27	
Wind.	Mean Velocity in Miles per Day	215	196	169	
	Greatest Velocity in Miles per Day	(28th) 331	(28th) 317	(4th) 389	
Cloud.	Mean Amount (0=clear, 10=overcast)	4.4	7.9	7.5	

\* Observer at Hokitika, JAMES ROCHFORD, Esq., District Engineer.

† Observer at Bealey, JOHN M. MUNCE, Esq., Telegraph Manager.

## R E M A R K S .

CHRISTCHURCH.  
The weather during the month of November was remarkable in many respects for unseasonable heat, and almost constant strong dry north-east winds, in the beginning, and equally abnormal cold and wet in the latter part. From the 1st to the 11th the heat was very great in the day-time, parti-

cularly on the 3rd, when the temperature rose to  $85^{\circ}.7$ , a figure which was exceeded only once all last summer. Hard north-westerly gales blew on the 3rd, 5th, 6th, 8th, and 11th, always with a clear sky over the plains; these winds, as usual, causing enormous evaporation, which, in the month, amounted to 8.427 inches—relative humidity fell as low as 38 on the 3rd. The nights during this period were in general calm and cool; the daily range of temperature was therefore very great, averaging  $27^{\circ}.0$ ; on the 3rd it was  $35^{\circ}.4$ . On the night of the 12th there was a sharp frost ( $23^{\circ}.0$ ), which did considerable injury to some of the crops; and on the morning of the 15th occurred a tremendously heavy fall of rain—in fifteen minutes .480 inches were collected, followed by a very wet night, during which another inch of rain fell. Several very pleasant days of calm sunshine then succeeded; but on the night of the 23rd heavy rain, with some hail at first, set in from the south-west, followed by a gale from the same quarter on the day after, and cold wet weather prevailed generally until the 28th. On the morning of the 24th the barometer fell to 28.686 (corrected and reduced to  $32^{\circ}$  Fah. at sea level), the lowest yet registered at this station in four years. It was again stormy from the south-west on the 28th, dry in the day-time, but with showers of rain and hail at night, afterwards a slight frost. Two very fine, almost cloudless days, closed the month. The mean temperature for the first ten days in the month was  $63^{\circ}.4$ , for the last ten days  $51^{\circ}.8$ ; but the mean for the whole month was about the average, namely,  $56^{\circ}.8$  against  $57^{\circ}.4$ . The rainfall was far above the mean—4.424 inches on thirteen days, compared to 1.381 on nine days.

Mean direction of the wind, N.E. by E. Sheet lightning was seen on the night of the 4th, towards the interior. The exposed thermometer on grass fell below freezing point on seven nights.

At Godley Head Lighthouse Mr. Chapman reports snow having fallen there, and on the higher parts of Banks' Peninsula on the 24th and 26th.

Rainfall at Christchurch, from January 1 to November 30 each year, as follows:—

1864 ...	20.653 inches	on 104 days.
1865 ...	23.675	" 99 "
1866 ...	16.346	" 76 "
1867 ...	28.098	" 89 "

Rainfall at Lyttelton in November, 3.735 inches on thirteen days (Capt. F. D. Gibson).

#### HOKITIKA.

A very unsettled month. Rain fell on twenty-three days, though many of these were only showery, or the rain fell in the night-time. Total amount, 15.60 inches. There were thunder-storms, with gales of wind, on the 4th, 7th, and 22nd; also, a thunder-storm on the 18th, and a gale from the south-west on the 28th. Hail fell on the 22nd, and fog prevailed on the 4th, 22nd, and 23rd. On one night only the exposed thermometer fell below freezing point, namely, to  $30^{\circ}$  on the 28th. The mean amount of cloud was very great, 7.9 compared to 4.4 at Christchurch. The mean temperature of the month ( $52.3$ ) was  $4^{\circ}.5$  below Christchurch. Barometer range, 1.246. Mean direction of the wind, W.N.W.

Rainfall from January 1 to November 30, 96.05 inches on 172 days, against 129.12 inches on 213 days during the same period in 1866.

#### BEALEY.

A very wet and cold month. More or less rain fell on twenty-seven days, equal to 15.00 inches in depth. Snow fell on the 22nd, 26th, 28th, and 29th, and hail on the 11th, 20th, 21st, and 22nd. There were thunder-storms on the 3rd, 4th, 7th, 8th, 9th, 11th, and 22nd; and gales of wind, always from the north-west, on the 3rd, 4th, 5th, 22nd, and 23rd. There were twenty nights in which the exposed thermometer fell below freezing point; the 12th, in particular, was a very cold night, when that instrument registered  $12^{\circ}.5$  Fah.

The mean temperature of the month was  $46^{\circ}.6$ , or  $10^{\circ}.2$  below Christchurch; and many of the other results contained in the above table shew a very remarkable contrast. Mean direction of the wind, N.W.

R. L. HOLMES,

Meteorological Observer,  
Christchurch.

#### IN THE SUPREME COURT OF NEW ZEALAND, CANTERBURY DISTRICT.

**P**URSUANT to the provisions of "The Bankruptcy Act, 1867," Section 8, I do order that, until further order, the *Lyttelton Times* shall be the Gazette or Newspaper in which Notices required by the said Act to be published in the Gazette shall be published, in and for that part of the province of Canterbury which forms the Canterbury District.

Dated at Christchurch, this 6th day of  
December, 1867.

H. B. GRESSON,

The Judge to whom the Canterbury  
District has been assigned.

**P**URSUANT to the provisions of the Auctioneers' Ordinance, Sess. III., No. 3, I hereby give notice that the under-

mentioned person has taken out a license for the term ending 30th June, 1868:—

ROBERT DAY BUST, of Christchurch,  
Commission Agent.

N. P. THOMPSON,  
Assistant Treasurer.

#### SHIP "MERMAID."

**T**HE Commissioners report that they were satisfied with all the arrangements on board, and that the Immigrants expressed great satisfaction with the provisions, and with the kindness and attention of the officers.

The Commissioners recommend the payment of full gratuities to master, surgeon, and officers.

RICHARD R. ARMSTRONG,  
WM. DONALD,  
JOHN T. ROUSE.

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CHRISTCHURCH :

Printed, under the authority of the Provincial Government of the Province of Canterbury, at the *Lyttelton Times* Office, Gloucester Street, by CROSBIE WARD and WILLIAM REEVES, Official Printers for the time being to the said Government.

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