



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,

EDWARD JOLLIE,

Provincial Secretary.

VOL. XVI.

FRIDAY, FEBRUARY 5, 1869.

No. IV.

PROCLAMATION.

WHEREAS, by an Act of the General Assembly of New Zealand, passed in the thirty-second year of the reign of Her Majesty Queen Victoria, entitled "The Canterbury Rivers Act, 1868," it was, *inter alia* enacted that "it shall be lawful for the Superintendent, by Proclamation in the *New Zealand Gazette* and also in the *Provincial Gazette* of the said Province, so soon as the Provincial Council shall by resolution in this behalf approve, to declare that this Act shall come into operation within such part or parts of the said Province, as the Superintendent shall by such Proclamation define, and to declare such part or parts to be a district or districts, under this Act, and such Proclamation shall also designate the name by which such district or districts shall be known:"

Now therefore, I, WILLIAM ROLLESTON, the Superintendent of the Province of Canterbury, in pursuance of a Resolution of the Provincial Council, in this behalf, do hereby declare that "The Canterbury Rivers Act, 1868," shall come into operation within the district hereinafter described, and that the said District shall be known as the South Waimakariri District—that is to say, all that portion of the Province comprised within the following limits:—

Commencing at a point on the right or South Bank of the River Waimakariri, the same being in continuation of the western boundary of rural section No. 9616; thence in a southerly direction along the western boundary of that section to its junction with the road south of section No. 6453; thence along that road continued to its junction with Dawson's and Waimakariri Road; thence along same to its junction with the Lincoln and Prebbleton Road; thence along same to its junction with the Ellesmere Junction Road; thence along same to its junction with the Springs Road, following same to its intersection with the L.I. Creek, running into the Lagoon near to rural section No. 2937; thence by the west side of the Lagoon, and following the Creek from same, running into Lake Ellesmere near the mouth of the River Selwyn; thence following the boundary of the Springs Road District, by Lake Ellesmere and the right bank of the River Halswell, to a point situated on the western boundary of section No. 2439 produced; thence along the line of that boundary to the foot of the hills west of Trigonometrical Station No. 6; thence along the foot of the hills and high-water mark of Lake

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Ellesmere, to the southern boundary of section No. 1755; thence along same easterly to the road forming the eastern boundary of that section, continued along the north-east side of section No. 1447, and west of section No. 1250; thence along Burke's Road under the hills following that road to its junction with the Lower Lincoln Road, and following the Lower Lincoln Road to the north-western corner of section No. 5786; thence easterly following the northern boundary of that section at Trigonometric Station, C. 6, by the foot of the hills to the old Lincoln Road; thence northerly following that road to its junction with the road north of sections Nos. 1108, 6357, 486, 338B, to the Hoon Hay Road, following that road to the westernmost corner of section No 383, following the western, southern, and eastern boundaries of that section to the road under the Hills at Cashmere, following easterly along that road to its junction with the road north of section 254, following easterly along that road to its junction with the Bridle Path; thence northerly following the Bridle Path to its junction with the River Heathcote; thence along the same to the eastern boundary of the Heathcote Road District, following same across the Estuary; thence along the Sea Beach by the eastern boundary of the Avon Road District to the mouth of the River Waimakariri; thence following up the right bank of the River to the commencing point.

Given under my hand at Christchurch this Thirtieth day of January, One thousand eight hundred and sixty-nine.

WM. ROLLESTON,
Superintendent of Canterbury.

By His Honor's command,
EDWD. JOLLIE,
Provincial Secretary.

PROCLAMATION

By His Honor WILLIAM ROLLESTON, Esq, Superintendent of the Province of Canterbury.

WHEREAS by an Ordinance of the Superintendent and Provincial Council of the Province of Canterbury, entitled "The Education Ordinance, 1864," it is among other things enacted that whenever the Board of Education shall call by advertisement a public meeting of owners and occupiers of land and householders in any district, and such meeting shall declare by the votes of the majority of the persons present (being such owners and occupiers of land and householders as aforesaid) that they are willing that the said district be formed into an Educational District, under the provisions of the said Ordinance, and shall declare their willingness to provide

the proportion of the annual expenses of an Educational District, the Superintendent shall, as soon as conveniently may be, by Proclamation in the *Provincial Government Gazette*, declare such district to be an Educational District under the said Ordinance; and such district shall thereupon become an Educational District accordingly:

And whereas at a meeting duly called as aforesaid, and held at the Mill, Milford, on Tuesday, the Nineteenth day of January last, the owners and occupiers of land and householders in the district specified in the Schedule hereunto annexed, did by the votes of the majority there present declare that they were willing that the said district should be formed into an Educational District, and did further declare their willingness to provide the proportion of the annual expenses of an Educational District as provided in the said Ordinance:

Now therefore, I, WILLIAM ROLLESTON, Superintendent of the said Province, in pursuance of the power in me vested by the said in part recited Ordinance, do hereby proclaim that the district specified in the Schedule hereunto annexed shall be an Educational District within the meaning of the said Ordinance.

Given under my hand at Christchurch this Third day of February, One thousand eight hundred and sixty-nine.

WM. ROLLESTON,
Superintendent of Canterbury.

By His Honor's command,
EDWD. JOLLIE,
Provincial Secretary.

SCHEDULE.

MILFORD EDUCATIONAL DISTRICT,

Commencing at the point where the River Orari runs into the sea; thence southerly along the sea beach to the Umukaha, mouth of the River Opihi; thence westerly up that river to a point due south of the easternmost corner of section 3285; thence in a straight line to such corner; thence north-westerly along the eastern boundaries of sections 3285, 10,170, 10,874, to the north-eastern corner of the latter section; thence in a straight line to the nearest corner of section 8810; thence north-easterly along its eastern boundary to the north-eastern corner thereof; thence in a straight line to the junction of the road running between sections 6025 and 6018, with the road running between sections 6025 and 6724; thence westerly along this latter road to its junction with the road running between sections 10,666 and 9572; thence northerly along this latter road and a line in continuation thereof to the River Orari; and thence easterly along the river bed to the starting point.

PROCLAMATION

By His Honor WILLIAM ROLLESTON, Esq.,
Superintendent of the Province of
Canterbury, altering the boundaries
of the Arowhenua Educational Dis-
trict.

WHEREAS by an Ordinance enacted
by the Superintendent and Pro-
vincial Council of Canterbury, entitled
"The Education Ordinance Amendment
Ordinance, 1865," it is, among other things,
provided that it shall be lawful for the
Superintendent of the Province of Can-
terbury, for the time being, from time to
time to change or alter the boundaries of
any and every Educational District, pro-
claimed under the authority of "The
Education Ordinance, 1864:"

And whereas on the Twenty-ninth day
of October, One thousand eight hundred
and sixty-four, the Arowhenua Educational
District was proclaimed under the authority
of the said Ordinance; and whereas it is
desirable to alter the boundaries of the said
district:

Now therefore, I, WILLIAM ROLLESTON,
Superintendent of the Province aforesaid, do
hereby in pursuance of the powers so vested
in me, proclaim that the boundaries of the
Arowhenua Educational District shall be as
follows:—

Commencing at a point in the River Orari,
due south of the easternmost corner
of section 3285; thence in a straight
line to such corner; thence north-
westerly along the eastern boundaries
of sections 3285, 10,170, 10,874, to
the north-eastern corner of the latter
section; thence in a straight line to
the nearest corner of section 8810;
thence north-easterly along its eastern
boundary to the north-eastern corner
thereof; thence in a straight line to
the junction of the road running
between sections 6025 and 6018, with
the road running between sections
6025 and 6724; thence westerly
along this latter road to its junction
with the South Road; thence in a
straight line to the south-western
corner of section 6595; thence south-
easterly and south-westerly along the
road lying between that section and
section 7100, to the north-western
corner of section 3698; thence south-
easterly along the south-western
boundaries of sections 3398, 2945,
and 6384, to the River Orari; and
thence easterly along that river to
the starting point.

Given under my hand at Christchurch
this Third day of February, One
thousand eight hundred and sixty-
nine.

WM. ROLLESTON,
Superintendent of Canterbury.

By His Honor's command,

EDWD. JOLLIE,
Provincial Secretary.

PROCLAMATION.

WHEREAS, by an Act of the General
Assembly of New Zealand, intituled
"The Diseased Cattle Act Amendment Act,
1865" (section 4), the Governor may, by
any Order in Council, from time to time
annul, make void, or alter, or vary, and
make anew, any Orders in Council, Regu-
lations, Appointments, or Prohibitory or
other declarations made and published by
the Governor under the authority of "The
Diseased Cattle Act, 1861," or of this Act,
or by the Superintendent of any Province,
under or in pursuance of any power dele-
gated to him under any of the powers of
delegation contained in the said Act:

And whereas by section 5 of the said Amend-
ment Act, "as to regulations, appointments,
and prohibitory and other declarations made
by Superintendents of Provinces in pur-
suance of any powers delegated under the
powers of delegation contained in the said
Act, or this Act, the power of annulling,
making void, or altering, or varying and
making anew any such regulations, appoint-
ments, or prohibitory or other declarations
vested in the Governor by this Act, may
from time to time be delegated to the
Governor in Council, by warrant under his
hand, to the Superintendent of any Pro-
vince:"

And whereas the said Governor hath, with
the advice and consent of the Executive
Council of New Zealand, delegated to Wil-
liam Rolleston, Esquire, so long as he shall
hold the office of Superintendent of the
Province of Canterbury, all the powers
which by the said fifth section of the said
Amendment Act the Governor in Council is
authorised so to delegate:

And whereas, I, the said WILLIAM ROLLES-
TON, by Proclamation dated the sixth day of
November, One thousand eight hundred and
sixty-eight, and published in the *New Zea-
land Gazette*, on the Eleventh day of No-
vember, 1868, did make certain regulations
for the destruction of diseased cattle within
the districts therein declared to be infected,
and for preventing the further spread of
disease:

And whereas it is expedient to annul the
the said Regulations, and to make others in
lieu thereof:

Now therefore, I, the said WILLIAM ROL-
LESTON, do hereby annul the said Regulations,
and I do hereby make the following Regula-
tions for the destruction of diseased cattle
within the said infected districts, and for pre-
venting the further spread of the disease:—

I.—If any Inspector appointed under
the "Diseased Cattle Act, 1861," or
the "Diseased Cattle Act Amend-
ment Act, 1865," shall at any time
have reasonable grounds to suspect
that any Cattle within any of the
Infected Districts above referred to
are infected with Pleuro-pneumonia,
it shall be his duty, and he is hereby
authorised forthwith, or as soon as he

conveniently can, to proceed to, and enter into and upon the place, whether enclosed or otherwise, where such cattle are, or are supposed by him to be, and by inspecting such Cattle, or in any other manner shall satisfy himself whether such Cattle, or any of them, are infected, or may be reasonably suspected to be infected with Pleuro-pneumonia, or whether the same are free from Pleuro-pneumonia.

II.—If any such Inspector shall be satisfied that such Cattle or any of them, are actually infected with Pleuro-pneumonia, he shall forthwith give to the owner, or the person having the custody, charge, or possession of the said Cattle, notice of which of the said Cattle he deems actually infected with such disease; and such owner, or person aforesaid, shall, within twenty-four hours after such notice, destroy the Cattle so deemed infected, and shall forthwith bury, four feet under ground or burn the carcasses of the Cattle so destroyed; and if the owner or person having the custody or possession of the Cattle deemed by the Inspector to be infected cannot readily be found, or if such owner or person neglect to destroy the Cattle deemed to be infected after the receipt of the notice aforesaid, any Inspector for the said Infected Districts may seize and destroy, or caused to be seized and destroyed, such Cattle, so deemed infected.

III.—If any owner of Cattle, or person having the custody or charge of Cattle, shall, after having received such notice as aforesaid, neglect or refuse to destroy the same, or any of them, within twenty-four hours after such notice, such owner or person aforesaid shall be liable to a penalty of Fifty Pounds for every head of Cattle which he shall have neglected or refused to destroy.

IV.—If any owner of Cattle which any such Inspector as aforesaid has notified to be infected, or if any person having the custody, care or possession of any such Cattle, shall, after the same, or any of them, have been destroyed, neglect, or refuse to bury four feet under ground, or burn the carcasses thereof, within twenty-four hours after the destruction thereof, such owner or person aforesaid shall be liable to a penalty of ten pounds for every carcass which he shall neglect or refuse to bury or burn.

V.—If any Inspector appointed as aforesaid shall suspect that any Cattle within any of the said Infected Districts are infected with Pleuro-pneumonia, but shall not be satisfied that

such Cattle are actually infected, he may, if he thinks fit, give to the owner, or the person having custody, charge, or possession of such Cattle, notice in writing of what Cattle he suspects to be infected with Pleuro-pneumonia, and shall, in and by such notice, order and require such owner or person having the custody, charge, or possession of such Cattle, to drive or cause to be driven the Cattle mentioned in the said notice to such place within the Infected District as such Inspector shall think fit, and such Inspector may, in and by such notice, direct and fix by what roads and route the said Cattle shall be driven; and if any person being the owner of any Cattle, or having in his custody, care, or possession any Cattle within the said Infected Districts, shall, after the expiration of forty-eight hours after such last-mentioned notice has been served on him, or left at his usual place of business or residence, neglect or refuse to drive, or cause to be driven, the Cattle mentioned in the said notice, to the place and by the roads and route directed and fixed on by the said notice, such person shall be liable to a penalty of Ten Pounds for every head of Cattle included in such last-mentioned notice; and after the expiration of the said period of forty-eight hours, it shall be lawful for any such Inspector, if such owner or person as aforesaid shall neglect or refuse to obey such order, to seize and take into his possession the Cattle included in such notice, and drive or cause to be driven the said Cattle to the place and by the roads and route mentioned and fixed in the said notice.

VI.—The Inspectors of Diseased Cattle under the said Acts, shall forthwith cause to be publicly posted or exhibited at and about all the main thoroughfares leading into the said Infected Districts, notices that the said Infected Districts have been proclaimed and declared infected.

VII.—If any person shall drive or remove, or cause to be driven or removed, or assist in driving or removing any Cattle out from any of the said Infected Districts, such person shall be liable to a penalty of fifty pounds for every such head of Cattle so driven out or removed from any of the said Infected Districts; and if any cattle stray out or from any of the said Infected Districts into a district not proclaimed to be infected, the owner or person having the care or possession of such Cattle shall be liable to a penalty of Ten Pounds for every head of Cattle which shall have so strayed out of such district.

VIII.—It shall be lawful for any Inspector appointed as aforesaid, or any Police Constable having any reasonable grounds to suspect that any Cattle or any carcass

- or carcases, or any portion of any carcase or carcases of any Cattle are about to be driven or removed out from any of the said Infected Districts, to seize the same and take charge thereof until he shall be satisfied that no attempt will be made to drive such Cattle out from the said Infected District; and it shall be lawful for any Inspector of the said districts, or any Police Constable, to seize any Cattle that have strayed or been driven out of or from any of the said Infected Districts, and to take charge of the same, and to drive or cause to be driven the said Cattle back into the district from which they had been driven; and if such Inspector or Constable shall deem it expedient so to do, to keep the said Cattle under his control until the owner or the person having the right to the possession thereof shall be found or made known to him.
- IX.**—In case any person shall wilfully impede or obstruct any Inspector or Police Constable acting under the authority of these Regulations, every person so offending shall be liable to a penalty of Fifty Pounds.
- X.**—No Cattle shall be slaughtered within any of the said Infected Districts for the purpose of sale or use, except the same shall have been previously inspected by an Inspector appointed as aforesaid, and then only upon a Certificate signed by him, that such Cattle do not appear to be infected; nor shall any carcase or portion of any carcase of any Cattle so slaughtered be removed from any of the said infected Districts, unless such carcase, or portion of such carcase shall have previously been inspected by an Inspector, and a certificate in writing given by such Inspector, stating that such carcase or portion of carcase is free from disease, and fit for human food; providing always that the offal, including horns, hides, hoofs, &c., of any Cattle so slaughtered shall be buried by the owner of such Cattle four feet deep, within the area of the Infected District within which such Cattle shall have been slaughtered; and should any such offal, or any part thereof, remain unburied as aforesaid for longer than one hour after slaughter, the owner of such slaughtered Cattle shall be liable to a penalty of Five Pounds.
- XI.**—It shall be lawful for any Inspector under "The Diseased Cattle Acts," with the consent of the Superintendent of the Province of Canterbury, or, in his absence, of the Provincial Secretary, to give notice in writing to the owner or occupier of any farm or run within any Infected District upon which he shall be satisfied that there are infected Cattle, or Cattle which have mixed with Cattle which are actually infected, or suspected to be infected, that no Cattle will from the date of such notice or order be permitted to be driven off such farm or run without the written consent of the Superintendent, or in his absence, of the Provincial Secretary; and any such owner or occupier who shall neglect or disobey such order, or shall suffer any such cattle to stray; and any person driving any Cattle from such farm or run shall be liable to a penalty of Fifty Pounds for every head of Cattle mentioned in the said notice which shall be found outside the limits prescribed by the Inspector.
- XII.**—When any Cattle have been ordered to be confined on any farm or run in accordance with the preceding Regulation, the Inspector shall have power to order that a Brand shall be placed on such Cattle by the owner or person having charge or possession of of the said Cattle.
- XIII.**—When any Cattle have been ordered to be confined on any farm or run in accordance with the preceding Regulation, it shall be lawful to the Superintendent, or Provincial Secretary if he shall think fit, to order that the said Cattle shall be inoculated for the purpose of preventing Pleuro-pneumonia, and the owner or person having the custody, charge, or possession of the said Cattle shall thereupon cause them to be inoculated; and if the said owner or person having the custody, charge, or possession of the said Cattle shall neglect or refuse to cause the said Cattle to be inoculated, he shall be liable to a penalty of Fifty Pounds for every week during which the said Cattle shall not be inoculated from and after a date to be fixed by the Superintendent, or Provincial Secretary.
- XIV.**—The Superintendent of Canterbury or, in his absence, the Provincial Secretary, may give notice in writing that from and after a day to be named by him in such notice no Cattle will be permitted to travel on any road within such District as may be defined by him in the said notice within an Infected District, and such notice shall be published in one or more Newspapers of the Province, and be posted in such places within the District as shall be prescribed by an Inspector under "The Diseased Cattle Acts."
- XV.**—If any Cattle be driven into, or be found straying within, any of the said Infected Districts, the owner or person having charge of the same shall be liable to a penalty of Ten Pounds in respect of every head of Cattle so driven or straying; and no such Cattle shall again be removed from any Infected District into which they may have been driven or may have strayed.
- XVI.**—No Cattle shall be driven into any sale yard in any Infected District within the Province of Canterbury which has been proclaimed in the *New Zealand Gazette*, for the purpose of

being sold by auction or otherwise, without the written authority of an Inspector under "The Diseased Cattle Acts;" and any person guilty of any breach of this Regulation, shall be liable to a penalty of Fifty Pounds for every head of Cattle driven into such sale yard.

XVII.—All owners or persons having the custody, care, or possession, of any Cattle within any such Infected District as aforesaid, shall within thirty days after notice shall have been given to that effect, give a notice in writing to the Officer in charge of the Police Station nearest the place where such Cattle are kept, or are; containing the number of such Cattle, the particulars as nearly as can be of the place or places where such Cattle are kept, or are; and the brands with which they are branded, and if such owners or persons shall neglect or refuse to obey this Regulation, they shall be liable to a penalty of Ten Pounds.

XVIII.—Every Inspector appointed under "The Diseased Cattle Acts" by the Superintendent, shall make a report in writing to the said Superintendent of all things done by him under these Regulations, and under the said Acts, as and when he shall be required so to do.

XIX.—These Regulations shall take effect from and after the day following the date of publication in the *New Zealand Gazette*.

Given under my hand at Christchurch this Third day of February, One thousand eight hundred and sixty-nine.

Wm. ROLLESTON,
Superintendent.

By His Honor's command,
EDWD. JOLLIE,
Provincial Secretary.

Public Works Office,
Christchurch, 25th, January, 1869.

HIS Honor the Superintendent directs it to be notified that he has made the following Reserves, temporarily, under the 19th Clause of the Waste Lands Regulations, viz:—

1052 (in red)—All that parcel of land situated in the Courtney Road District, containing fifty-four acres, more or less; bounded on the west by section 3802; on the south by the Coal Road; on the east by section No. 9616; on the north by the edge of the River Bed:

1053 (in red)—All that parcel of land situated in the Courtney Road District, containing (27) twenty-seven acres, more or less; bounded on the west by section 9616; on the south by section 12,536; on the east by the road east of section No. 12,536; on the north by edge of River Bed:—Gravel Reserves for Waimakariri Protective Works.

EDWD. JOLLIE,
Secretary for Public Works.

I HEREBY GIVE NOTICE, in accordance with the provisions of Clause XXXIX., of "The Crown Grants Act, 1866," that the following CROWN GRANTS are now ready for delivery to the respective Grantees, at the Land Office, Christchurch:—

NAME OF GRANTEE.	No. OF SECTION.	NAME OF GRANTEE.	No. OF SECTION.
Arkle, A. ...	9888	Courage, F. ...	11,371, 10,499,
Ashworth, J. ...	9278, 9279		11,469
Barker, J. ...	9495	Cameron, A. ...	11,037
Browne, W. R. ...	11,264	Caro, J. S. ...	11,215
Brown and Barr ...	9593	Dunn, P. ...	9528
Browne, W. R. ...	10,149	Dwan, J. ...	9692
Brouncker, F. ...	10,082	Duthie, J. ...	10,550
Brown, W. J. ...	10,763	Davis, R. ...	11,127
Carr, D. ...	10,551	Dilloway, J. ...	8835
Collett, H. ...	10,835	Ellis, T. ...	9682, 11,204
Chapman, E. ...	11,053	Ellis, S. ...	10,302
Courage, F. ...	10,496, 10,498,	Franks, G. ...	11,311
	10,500	Gibb, S. ...	10,585
Do. ...	10,497	Gill, T. ...	11,032
Christchurch, Bishop of ...	10,740	Gladstone, H. J. ...	6862, 6863,
Clark, D. ...	9648		6864, 6865,
			9032

NAME OF GRANTEE.	NO. OF SECTION.	NAME OF GRANTEE.	NO. OF SECTION.
Horrell, J. ...	9679	Russell, G. G. ...	9034
Hagley, W. ...	9686	Rhodes, W. B., R. H. & G. ...	1069, 2439 ¹
Hopkins, W. ...	10,260	Rhodes, R. H. and G. ...	3912
Harding, S. ...	9796	Rhodes, W. B., R. H. & G. ...	4350
Horn, J. ...	10,836	Rhodes, R. H. ...	10,783, 10,784
Harston, G. A. ...	11,271	Do. ...	10,785
Hay, A. J. and T. O. ...	10,762	Do. ...	10,786
Hoare, D. ...	11,530	Rhodes, W. B., R. H. & G. ...	5395
Heuchan, J. ...	7394	Do. ...	5396
Hunt, S. ...	8931, 8932	Do. ...	5397
Ivens, G. ...	11,522	Do. ...	5398
Kennaway, Lee, & Acton...	10,880	Do. ...	5399
Kendal, C. P. T. ...	11,354	Do. ...	5400
Do. ...	11,355	Do. ...	5401
Do. ...	11,356, 11,357	Do. ...	5440
Kay and Edwards ...	11,025	Do. ...	5444
Kennedy, D. ...	7595, 7596, 12,163	Russell, G. G. ...	9042
Lee, G. W. H. ...	9805	Smith, J. ...	12,262
LeCren, H. J. ...	11,382	Studholme, J. P. and M....	7456
Lewis, J. ...	6740	Tuson, G. B. ...	269
McKeever & Rountry ...	10,038, 10,039	Thatcher, J. ...	10,712
McCutchen, H. ...	11,023, 11,024	Walker, L. ...	10,035
Maling, T. J. ...	10,525	White W. ...	10,589
McCull, P. ...	10,584	Do. ...	10,679
Mathers, J. ...	11,386	Winter, F. ...	10,738
Marshall, D. ...	8827, 8828	White, W. ...	10,911
Murray, J. ...	11,066	Do. ...	10,742
McDonald, C. ...	7566	Warre, H. J. ...	12,148, 12,149
Piper, H. ...	10,598	Wharton, R. ...	8971
Pierson, W. ...	10,939, 10,999	Webb, J. ...	9312
Rainey, A. ...	9623	Wornall, S. ...	10,377
Rhodes, R. H. ...	10,678	White, W. ...	10,710
Russell, G. G. ...	9919	Warre, H. J. ...	10,944
Do. ...	9920	Do. ...	10,945
Do. ...	9921	Washbourn, H. J., Jun....	5384

WILLIAM GUISE BRITAN,
Commissioner of Crown Lands.

Land Office, Canterbury,
1st February, 1869.

RESULTS OF METEOROLOGICAL OBSERVATIONS

DEDUCED FROM DAILY REGISTERS KEPT AT THE
Government Stations in Christchurch, Hokitika, and Bealey, for DECEMBER, 1868.

		CHRISTCHURCH STATION.	HOKITIKA STATION.*	BEALEY STATION.†
Latitude		43° 32' 16" S.	42° 41' 30" S.	43° 2' S.
Longitude		172° 38' 59" E.	170° 59' E.	171° 37' E.
Height above Sea		21 feet.	8 feet.	2,104 feet.
Distance from Sea		5 miles.	¼ mile.	38 miles (West Coast).

		CHRISTCHURCH.	HOKITIKA.	BEALEY.	
Barometer corrected and reduced to 32 deg. F.	Mean	29·614	29·805	27·50	
	Highest in Month	(20th) 30·287	(20th) 30·389	(20th) 27·99	
	Lowest in Month	(7th) 28·998	(7th) 29·217	(7th) 26·91	
Self-registering Thermometers.	In Shade, and protected.	Mean Temperature of Atmosphere	60·3	53·6	49·1
		Mean of Highest Daily Temperature	70·6	58·6	56·2
		Mean of Lowest Daily Temperature	50·2	48·7	42·1
		Highest in Month	(19th) 82·7	(18th) 62·8	(22nd) 71·4
		Lowest in Month	(12th) 39·0	(16th) 41·6	(12th) 31·4
		Mean Daily Range	20·5	9·9	14·1
Self-registering Thermometers.	Maximum in Sun.	Mean	135·7	75·9	116·6
		Highest in Month	(11th) 158·5	(17th) 84·5	(17th) 139·5
Self-registering Thermometers.	Minimum on Grass.	Mean	37·3	—	32·9
		Lowest	(12th) 23·6	—	(12th) 20·4
Hygrometer (deductions).	Mean Temperature of Evaporation	54·1	—	45·9	
	Mean Temperature of Dew Point	48·7	—	42·5	
	Mean Tension of Vapour	0·344 in.	—	0·272 in.	
	Mean Humidity (saturation = 100)	65	—	77	
	Mean Weight of a Cubic Foot of Air	526·8 grains	—	500·4 grains	
	Mean Weight of Vapour in a Cubic Foot of Air	3·8 „	—	3·1 „	
	Mean Weight required to saturate a Cubic Foot of Air	2·1 „	—	0·9 „	
Rain.	Total amount collected, in Inches	0·904	14·63	22·267	
	Greatest Fall in one Day	(2nd) 0·374	(9th) 1·39	(18th) 3·750	
	Number of Days it fell	11	24	25	
Wind.	Mean Velocity in Miles per Day	225	222	160	
	Greatest Velocity in Miles per Day	(1st) 418	(2nd) 412	(27th) 509	
Cloud.	Mean Amount (0 = clear, 10 = overcast)	4·7	6·2	5·9	

* Observer at Hokitika, JAMES ROCHFORD, Esq., County Engineer.
† Observer at Bealey, JOHN M. MUNCE, Esq., Telegraph Manager.

REMARKS.

CHRISTCHURCH.—The past month was chiefly observable by the prevalence and strength of the north-west winds. They continued without intermission from the 6th to mid-day of the 9th, and from the 26th to the 29th inclusive, blowing occasionally also during the remainder of the month. The amount of humidity in the air was in consequence very small. In one previous month only since the commencement of 1864 has the atmosphere been so dry, viz., in November 1867, when the mean humidity for the month was the same as during the past month, viz., 65, (saturation=100). On the November alluded to, for nine days, at 9.30 a.m., the wind blew from north-west, as against ten days last month. The mean heat in the shade was 56 deg. 8 min., as against 60 deg. 3 min., and the mean velocity of the wind in miles per day 215, as against 225 last month. A shock of earthquake is reported as having been felt in Lyttelton on the 26th.

BEALEY.—At this station the wind blew from the north-west every day during the month, with the exception of the 9th and 10th. An exceedingly heavy rainfall was the result, the total amounting to upwards of 22 inches. Thunderstorms occurred on the 7th, 18th, 26th, and 29th. Snow fell on the 22nd.

HOKITIKA.—A large, though not unusual, amount of rain fell also at Hokitika, the depth of the fall being upwards of 14 inches. The wind was blowing from the north-west at 9.30 a.m. for 10 days. The first nine days were unsettled; heavy squalls, with hail, being experienced on the 1st, 6th, 8th, and 9th; the remainder of the month was as a rule fine.

January 29, 1869.

R. MAINWARING, Observer, Christchurch.

CHRISTCHURCH:

Printed, under the authority of the Provincial Government of the Province of Canterbury, at the *Press* Office, Cashel-street, by JOHN STEELE GUTHRIE, Official Printer for the time being to the said Government.