



THE
NEW ZEALAND GAZETTE.

Published by Authority.

WELLINGTON, THURSDAY, DECEMBER 8, 1870.

ORDER IN COUNCIL.

G. F. BOWEN, Governor.

At the Government Buildings, at Wellington, this second day of December, 1870.

Present:

THE HON. JULIUS VOGEL, COLONIAL TREASURER,
PRESIDING, AND MEMBERS OF THE EXECUTIVE
COUNCIL.

WHEREAS by an Act of the General Assembly of New Zealand, intituled "The District Courts Act Amendment Act, 1865," it is enacted that the powers conferred on Judges of District Courts in and by the twenty-fifth, twenty-sixth, and twenty-seventh sections of "The District Courts Act, 1858," shall be exercised only within such districts as shall from time to time be named by the Governor, by Order in Council published in the *New Zealand Gazette*, as districts within which such powers may be exercised:

Now therefore, His Excellency the Governor, in exercise of the power and authority so vested in him as aforesaid, doth, by and with the advice and consent of the Executive Council, name and appoint the district consisting of the Province of Taranaki as a district within which the Judge of the District Court of Taranaki may exercise the powers conferred by the twenty-fifth, twenty-sixth, and twenty-seventh sections of "The District Courts Act, 1858."

JULIUS VOGEL,
Presiding.

FORSTER GORING,
Clerk of the Executive Council.

ORDER IN COUNCIL.

G. F. BOWEN, Governor.

At Wellington, this second day of December, 1870.

Present:

THE HON. JULIUS VOGEL, COLONIAL TREASURER,
PRESIDING, AND MEMBERS OF THE EXECUTIVE
COUNCIL.

WHEREAS by "The Gold Fields Act, 1866," it is amongst other things enacted that it shall

be lawful for the Governor, by Order in Council, from time to time to constitute for any Gold Field, or for any part thereof, Wardens' Courts, for the administration of justice therein, and to appoint Wardens of such Courts, with power to act alone or with assessors, and in such manner, and to exercise all or any of the powers thereafter mentioned, as the Governor shall think fit to direct:

Now therefore, His Excellency the Governor, by and with the advice and consent of the Executive Council of the Colony, doth hereby, in pursuance and exercise of the power and authority vested in him for this purpose, appoint

JACKSON KEDDELL, Esq.,

to be a Warden of all Wardens' Courts now constituted or hereafter to be constituted within the Gold Fields of the Province of Auckland, with power to him to act alone or with assessors, and to exercise all or any of the powers vested in or imposed on Judges of Wardens' Courts.

JULIUS VOGEL,
Presiding.

FORSTER GORING,
Clerk of the Executive Council.

Colonial Secretary's Office,
Wellington, 7th December, 1870.

IT is hereby notified that the Secretary to the Central Board of Civil Service Examiners has reported that the under-mentioned candidates have passed their examination under the Civil Service Regulations, viz. :—

GARNER WARD, Wellington;
CLAUDE REVANS, junior, Featherston;
J. M. TABUTEAU, junior, Napier;
EDWARD MARKS, Auckland.

HENRY SEWELL
(in the absence of Mr. Gisborne).

Colonial Secretary's Office,
(Judicial Branch.)

Wellington, 1st December, 1870.

HIS Excellency the Governor has been pleased to appoint

HENRY ARROW, Esq.,

to be Clerk at Waipawa of the District Court of Hawke's Bay, and of the Resident Magistrate's Court for the District of Napier and Waipukurau.

W. GISBORNE.

Colonial Secretary's Office,
(Judicial Branch.)

Wellington, 7th December, 1870.

HIS Excellency the Governor has been pleased to accept the resignation by

EDMUND GILLOW, Esq.,

of Westwood, near Riverton, of his appointment as a Justice of the Peace.

HENRY SEWELL

(in the absence of Mr. Gisborne).

Colonial Secretary's Office,
(Judicial Branch.)

Wellington, 7th December, 1870.

HIS Excellency the Governor has been pleased to appoint

GEORGE RAYNER, Esq., of Ngauwahia, and
GORDON CHARLES VERNON TISDALL, Esq., of
Alexandra, Auckland,

to be Justices of the Peace for the Colony.

HENRY SEWELL

(in the absence of Mr. Gisborne).

Colonial Secretary's Office,
(Judicial Branch.)

Wellington, 7th December, 1870.

HIS Excellency the Governor has been pleased to appoint

JACKSON KEDDELL, Esq., J.P.,

to be a Resident Magistrate for the Resident Magistrate's District of Hauraki.

W. GISBORNE.

Public Works Office,
Wellington, 2nd December, 1870.

THE following Report from Mr. John Rochfort, on the proposed Railway Line from Featherston to the Hutt Valley, is published for general information.

W. GISBORNE.

Wellington, 1st December, 1870.

SIR,—I have the honor to report that I have completed the trial line from Featherston to the Hutt Valley, choosing an exit from the bush at Mr. Cruickshank's tunnel, as suggested by Dr. Hector, for reasons which I will refer to presently. Commencing at Featherston the line runs nearly level, working gradually on to the terrace at the rear of Mr. Lucena's house; this part is open, and without any difficulty worth referring to, and is about two and a half miles.

From thence the line will make a slight bend into Mr. Lucena's valley, to preserve the level and continue on to the low downs, on the south side. Crossing them about one mile from Mr. Lucena's, the gradient changes to about 1 in 43 (the clinometer was set at 1 in 40, but a liberal allowance was made on each observation, which might perhaps decrease the grade to 1 in 45), and winds round the next valley, which has two branches, and then creeps around the several branches of Cross's Valley, until it reaches the saddle with the same constant gradient, excepting

the upper parts of the valleys, which are made level to facilitate bridging.

The saddle is distant about eleven miles from Lucena's Valley. There are many gullies which will require bridging at the points of crossing, and also spurs, which will have to be cut back or through to form the curves, with a minimum radius of 5 chains. On the other hand there is very little rock, and many miles of side-cuttings on hills, with easy slopes and natural ballast. Another favourable feature is the large supply of black birch timber all along the line, available for sleepers, bridges, &c.

I estimate the height of the saddle to be 1,230 feet above Abbott's at Featherston, without the cutting, but aneroid observations cannot be relied on to within a few feet. I also ascertained the Pass to be 401 feet below the coach road, or, with the cutting, 431 feet. The saddle is narrow, and slate rock is found a foot below the surface at the spot where the tents stood on your visit.

Descending the Pakuratahi with the same gradient, the features are somewhat similar to those on the west slope for about a mile down. Here the line crosses another saddle, being part of a spur which divides two branches of the river, obviating the necessity of circumventing a long, rough-looking range. This was fortunately crossed without altering the gradient allowing a small cutting of seven feet. After this the hills have easier slopes, and about half-way down the line winds round a flat valley, having three branches, one of which lies exactly behind the roadmen's houses on the Rimutaka Road, which at this point cannot be more than a mile distant. Thence the line approaches the Pakuratahi River, follows down to its level without any difficulty of importance, and crosses at a favourable point for a bridge, which will be about two chains long. The distance from the saddle is approximately seven miles, and the fall 483 feet. I may here mention that the whole valley is full of wild cattle, and the soil generally is good. In Nelson the settlers are clearing far worse land under the Leasing Act.

From the bridge site the line drops about 32 feet, to the top level of the Mangaroa Hill; but as this height was taken in the river bed, the bridge level will make the two points about equal. The Mangaroa Hill is crossed about a third of a mile to the east of the road, with a cutting of 32 feet. The ground is far better on this side of the river, with gentle slopes and fewer gullies, and chiefly gravel. The line crosses the coach road twice, the first time about a mile from the Golden Fleece Hotel, which may serve as a station for the district. There is a very fine bush flat between the line and the hotel, which will doubtless be rendered productive by its owners when the line is made. The highest point of the Mangaroa Hill is about four miles from the river crossing, and is nearly all level.

From the Mangaroa Hill the line descends 1 in 55, crossing a valley at a white pine flat. This is the only swampy piece of ground on the line, but it has a hard bottom 2 feet down, and is only 5 chains long, and will drain easily into the creek close by. Once across this swamp, the falling gradient follows the hill side of the main valley; and about two miles from the Mangaroa Hill changes to level, to strike the Kaitoki Hill a mile and a half further on. This hill which starts from the main range, has a low dip, through which I cross; and then rising, continues its course quite to the gorge of the Mangaroa, ending in the bluff high cliffs and terraces on the north side of the gorge of that river. This obstacle required me to cut the line three times, before I could cross in a place which satisfied me that I was making the line as short as possible. No difficulty occurs from the

nature of the ground. Indeed, once across the Pakuratahi River, the gullies become fewer and the hill slopes more gentle, and in many places one might describe them as flats.

From the Kaitoki Hill, lowered by a cutting of 30 feet, it was found necessary to change the gradient again to 1 in 43 for a mile and a quarter; all good easy hills, until the level land of the Mangaroa Valley was reached; thence keeping along the foot of the hills a quarter of a mile level. A straight line two miles long, bearing S. 57° W. magnetic, leads direct to Mr. Cruickshank's tunnel. A large stream with steep banks 30 feet deep is crossed in a good place for a bridge about the centre of the straight line.

Throughout the whole length of this flat, the level scarcely varies, and it is remarkably uniform and unbroken by terraces. The ground is hard gravel all through. The bush looks thin, as all the timber is small except the rimu trees, which are unusually fine, and spotted over the ground at intervals of about a chain apart.

Immediately before reaching the tunnel, the Mangaroa is crossed with a small bridge of about a chain in length; thence a short cutting, 50 feet in the deepest part, leads into the Hutt Valley, from whence the level flat is reached by a gradient of 1 in 50 nearly opposite the Criterion Hotel. You will remember that, when discussing the best crossing-place of the Range between the Mangaroa and Hutt Rivers, Mr. Cruickshank mentioned a lower part of the hill, near the Horse Shoe Bend. This however, on closer examination, proved to be a mistake, being only the saddle of a spur leading from the main hill, which is itself higher than at the mill; but if it were otherwise, it would be impossible to get at it, on account of the terrace and cliffy character of the lower part of the Mangaroa Valley.

In obedience to Mr. Blackett's recent instructions, I yesterday examined the pass directly at the back of the Criterion Hotel, with a view of finding a lower part of the hill than at Mr. Cruickshank's. Already a tramway exists over it, but it would require almost exactly the same depth of cutting and much longer, and would in addition, being lower down, leave a greater fall to the level land of the Hutt by 50 feet. Other objections are a long spur striking out easterly between the two dips of the range, at the junction of the bush and swamp; which, besides increasing the distance, would bring the line among hills of a softer nature, owing to their proximity to the swamp.

Following down the Hutt, the best place for crossing the river appears to be about the Silver Stream—I think just above, from a marked point of the river bank. There appears to be no difficulty beyond, except supplying a station to the Taitai; this might be met by a short road and bridge across the Hutt.

The length of the line from the Criterion Hotel to Featherston will be from 8 to 11 miles more than the coach road; but it is probable that in coming down the Hutt, the line will gain a mile or two on the road.

I enclose a table of approximate aneroid heights, also a section of the line drawn to a natural scale.

I have, &c.,

JOHN ROCHFORD.

I have left Mr Lewis in charge, to superintend the clearing out the line, to facilitate the survey—marking the parts only which are open, or likely to be burnt, with the grubbing axe. He has three men.

*Altitudes reduced to Dr. Hector's level of
Mangaroa Bridge.*

Feet.

54 Abbott's, Featherston.
1687 Rimutaka.

Feet.	1256	Rochfort's Pass (with cutting of 30 feet).
	1286	Do. (without cutting).
	686	Golden Fleece Hotel.
	773	Line crossing River Pakuratahi (33 feet bridge).
	835	Rochfort's line over Mangaroa Hill (without cutting).
	805	Do. do. (with cutting).
	906	Knob near Mangaroa Hill.
	265	Mangaroa Bridge.
	603	Kaitoki Range (without cutting).
	571	Do. (with cutting).
	416	Level of Mangaroa Flat.
	405	Level of Mr. Cruickshank's tunnel.
	202	Level of tunnel.

The Hon. W. Gisborne,
Minister of Public Works.

Office of the Registrar of Joint Stock Companies,
Auckland, 21st November, 1870.

I, JOHN MUIR WAYLAND, Registrar of Joint Stock Companies for the Provinces of Auckland and Hawke's Bay, in the Colony of New Zealand, do hereby notify that I have registered a Memorandum of Association, with Articles of Association, establishing a Company, with limited liability of the shareholders therein, intituled

"The Daily Telegraph Company, Limited."

The objects for which the Company is established are—"The printing and publication of a Newspaper to be called the *Daily Telegraph*, and the doing all such other things as are incidental or conducive to the attainment of the above object, and to the business generally carried on in a Printing Office."

And that, in pursuance of the provisions of "The Joint Stock Companies Act, 1860," I have issued a Certificate of Incorporation of the said Company, bearing date this twenty-first day of November, 1870.

JOHN M. WAYLAND,
Registrar of Joint Stock Companies.

Office of the Registrar of Joint Stock Companies,
Auckland, 22nd November, 1870.

I, JOHN MUIR WAYLAND, Registrar of Joint Stock Companies for the Provinces of Auckland and Hawke's Bay, in the Colony of New Zealand, do hereby notify that I have registered a Memorandum of Association, with Articles of Association, establishing a Company, with limited liability of the shareholders therein, intituled

"The Auckland Boiling Down Company, Limited."

The objects for which the Company is established are—

1. The killing, boiling down, and reducing of Sheep and other live Stock in the Province of Auckland, and the extraction of Tallow and other like substances therefrom.
2. The selling and disposing of such portions of the Sheep and other live Stock so to be killed, boiled down, and reduced as aforesaid, as may not be useful for the purposes of extracting Tallow and other like substances therefrom.
3. The doing and performing of such other matters, things, and operations as are incidental or conducive to the attainment of the above objects."

And that, in pursuance of the provisions of "The Joint Stock Companies Act, 1860," I have issued a Certificate of Incorporation of the said Company, bearing date this twenty-second day of November, 1870.

JOHN M. WAYLAND,
Registrar of Joint Stock Companies.

RETURN of the VALUE of IMPORTS at the several Ports of NEW ZEALAND, during the Quarter ended 30th SEPTEMBER, 1870.

COUNTRIES.	Auckland.	Thames.	Russell.	Mongonui.	Hokianga.	New Plymouth.	Wanganui.	Wellington.	Napier.	Wairau.	Picton.	Havelock.	Kaikouras.	Nelson.	Westport.	Greymouth.	Hokitika.	Okarita.	Lyttelton.	Akaroa.	Timaru.	Oamaru.	Dunedin.	Invercargill.	Bluff Harbour.	Riverton.	Chatham Isds.	Totals.	Corresponding Quarter of 1869.	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	
United Kingdom ...	208494	202	...	...	...	3063	9127	77585	16936	1219	40	...	23	49285	...	...	...	...	63107	25	4462	1122	300637	8617	...	...	...	743944	551381
<i>British Possessions, viz.:</i>																														
New South Wales ...	31075	398	...	...	...	104	8	10343	2367	...	...	...	...	990	...	...	...	...	15499	...	1037	700	5966	...	...	...	...	68487	133507
Queensland ...	4505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4505	...
South Australia ...	7762	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11052	2855
Tasmania ...	1772	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8068	13607
Victoria ...	26558	326	...	...	...	709	7544	27509	4632	699	398	...	...	14827	16700	40001	58448	...	22048	...	93	201	59358	9712	816	4787	295366	356939	
British Columbia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2852	...
Mauritius ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8994	12526
<i>Foreign States, viz.:</i>																														
Batavia	13374
China ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	304
France ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	250	...
Holland	21	...
Hawaiian Islands ...	5673	5673	...
South Sea Islands ...	19821	...	12	19833	20276
United States America ...	113	8	12415	15224
Whaling Grounds	49
Totals ...	305773	926	12	...	...	3876	16679	115446	23935	1918	438	...	23	65102	16700	40001	62774	...	107095	25	5592	2023	889187	18329	819	4787	...	1181460	...
Corresponding Quarter, 1869	301556	...	20	348	1099	2530	8358	98829	18309	1466	342	20	32	56147	34882	59525	62623	1719	95477	43	4246	3841	344413	21557	1333	1327	...	...	1120042

Office of the Commissioner of Customs,
Wellington, 26th November, 1870.

J. HACKWORTH
(for the Secretary and Inspector of Customs).

RETURN of the VALUE of EXPORTS from the several Ports of NEW ZEALAND, during the Quarter ended 30th SEPTEMBER, 1870.

COUNTRIES.	Auckland.	Russell.	Mongonui.	Hokianga.	Kaipara.	Wanganui.	Wellington.	Napier.	Pictou.	Nelson.	Westport.	Greymouth.	Hokitika.	Okarite.	Lyttelton.	Timaru.	Oamaru.	Dunedin.	Invercargill.	Bluff Harbour.	Riverton.	Totals.	Corresponding Quarter, 1869.	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	
United Kingdom	96102	...	...	...	...	...	33938	...	...	...	...	...	...	...	34843	...	...	297	...	...	...	165180	86616
<i>British Possessions, viz.:</i>																								
New South Wales	37939	...	...	1150	790	...	...	...	1730	8911	13213	...	...	...	16873	...	...	693	...	...	...	81299	82010
Queensland	10	...	...	...	...	...	...	...	...	...	...	...	...	...	520	...	...	...	...	...	...	530	...
Tasmania	270	...	...	...	...	...	...	...	...	...	...	...	...	...	1900	...	...	...	...	...	...	2170	582
Victoria	2727	...	...	...	...	982	8920	...	...	1972	55095	97176	106054	4144	8963	6017	2980	143644	11953	11379	1693	468702	548764
Western Australia	1392	...
Hong Kong ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6082	...	...	...	6082	...
Maldon Island	20	...
Mauritius ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1894	...	...	...	...	...	...	1894	...
<i>Foreign States, viz.:</i>																								
Chili	207	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	207	12
Guam	11	...	...	1207	...	...	...	...	...	...	...	...	...	...	1770	...	1486	...	...	...	...	4474	2285
Hawaiian Islands	118	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	118	...
Peru ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	906	...	...	...	...	...	...	906	244
South Sea Islands	12851	278	...	...	...	...	...	...	...	...	...	...	...	...	39	...	...	...	...	...	...	13168	8555
United States of America	19773	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19778	11703
Whaling Grounds	243	...
Totals	170013	278	...	2357	790	932	42858	...	1730	10883	63308	97176	106054	4144	67711	6017	4466	153716	11953	11379	1693	764508	...	
Corresponding Quarter, 1869	155410	...	243	1300	...	850	7339	312	2148	14332	83499	111222	120341	4154	48660	137	4717	181626	3976	1500	660	...	742426	

Office of the Commissioner of Customs,
Wellington, 26th November, 1870.

J. HACKWORTH
(for Secretary and Inspector of Customs).

RETURN of the QUANTITY and VALUE of EXPORTS from NEW ZEALAND, during the Quarter ended 30th SEPTEMBER, 1870.

ARTICLES.	AUCKLAND.		RUSSELL.		HOKIANGA.		KAIPARA.		WANGANUI.		WELLINGTON.		PICTON.		NELSON.		WESTPORT.		GREYMOUTH.		HOKITIKA.		ARTICLES.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.		
Ale and Beer ...	gallons	300	£ 69	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Ale and Beer.	
Bran and Sharps ...	tons	7½	101	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Bran and Sharps.	
Butter ...	cwts.	31	89	..	..	..	..	..	..	33	53	355	1953	..	..	..	..	..	..	..	..	..	..	Butter.
Cheese ...	cwts.	..	..	..	..	..	..	..	..	..	..	15	63	..	..	..	..	..	..	..	..	..	..	Cheese.
Coals ...	tons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Coals.
Doors and Sashes ...	number	758	400	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Doors and Sashes.
Flax ...	tons	474	11132	..	..	..	..	..	..	1	23	283	6775	..	9½	215	2½	60	..	..	..	..	..	Flax.
Flour ...	tons	9	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Flour.
Gold ...	ounces	16106	60933	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gold.
Grain (Barley) ...	bushels	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Grain (Barley).
" (Malt) ...	bushels	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (Malt).
" (Oats) ...	bushels	421	90	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (Oats).
" (Wheat) ...	bushels	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (Wheat).
Gum (Kauri) ...	tons	1161	44440	..	..	7½	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gum (Kauri).
Hides ...	number	415	193	..	..	..	..	..	..	67	34	..	..	..	..	..	..	..	..	..	..	..	..	Hides.
Leather ...	cwts.	130	297	..	..	..	..	..	..	..	..	77	192	..	..	..	..	..	..	..	..	..	..	Leather.
Live Stock (Horses) ...	number	10	400	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Live Stock (Horses).
" (Sheep) ...	number	450	282	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (Sheep).
Meal (Oat) ...	cwts.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Meal (Oat).
Meats (Preserved) packages and cwts.	7 pkgs.	..	200	..	..	..	..	..	..	..	..	35 cwt.	70	..	..	..	..	..	..	..	..	..	..	Meats (Preserved).
Miscellaneous ...	..	..	92	..	..	..	..	..	..	..	..	..	95	..	..	20	..	..	..	..	..	..	..	Miscellaneous.
Oil (Sperm) ...	gallons	882	215	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Oil (Sperm).
" (Black) ...	gallons	..	..	..	..	..	..	..	..	..	..	2850	65	..	..	..	..	..	..	..	..	..	..	" (Black).
Pearl Barley ...	cwts.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Pearl Barley.
Plants ...	packages	8	94	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Plants.
Potatoes ...	tons	19	98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Potatoes.
Provisions, Bacon and Hams	cwts.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Provisions, Bacon & Hams.
" Beef (Salted)...	cwts.	..	8	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" Beef (Salted).
" Pork (Salted)...	cwts.	19	42	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" Pork (Salted).
Seeds (Grass) ...	bushels	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Seeds (Grass).
" (other kinds) ...	packages	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (other kinds).
Silver ...	ounces	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Silver.
Skins (Seal) ...	number	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Skins (Seal).
" (Sheep) ...	number	..	..	..	..	..	..	..	..	3500	283	21550	2379	..	..	..	..	..	..	..	..	..	..	" (Sheep).
Soap ...	cwts.	53	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Soap.
Tallow ...	cwts.	1911	3697	..	..	..	..	..	..	300	405	6785	11109	..	..	..	..	..	..	..	..	..	..	Tallow.
Timber (Sawn) ...	feet	677200	2835	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Timber (Sawn).
" (Logs) ...	number	..	..	..	..	242	2050	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (Logs).
" (Spars) ...	number	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	" (Spars).
Wool ...	lbs.	127986	6072	..	..	..	..	..	..	3166	119	347456	18289	..	..	41252	1480	..	..	1350	60	6078	303	Wool.
Total New Zealand Produce	..	..	134775	..	107	..	2350	..	790	..	917	..	41580	..	1730	..	10626	..	68219	..	97036	..	105650	
Total British, Foreign, and Other Colonial Produce and Manufactures	..	..	35238	..	171	..	7	..	..	..	65	..	1278	..	..	..	257	..	89	..	140	..	404	
TOTALS	..	..	170013	..	278	..	2357	..	790	..	982	..	42858	..	1730	1	10883	..	68308	..	97176	..	106054	

RETURN of the QUANTITY and VALUE of EXPORTS from NEW ZEALAND during the Quarter ended 30th SEPTEMBER, 1870—continued.

ARTICLES.	OKARITA.		LYTTELTON.		TIMARU.		OAMARU.		DUNEDIN.		INVERCARGILL.		BLUFF HARBOUR.		RIVERTON.		TOTALS.		CORRESPONDING QUARTER, 1869.	ARTICLES.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Value.			
Ale and Beer ...	gallons	...	...	...	...	...	...	...	213	35	...	...	100	10	...	...	613	104	72	Ale and Beer.
Bran and Sharps ...	tons	...	223½	954	...	...	29	290	...	...	...	...	...	...	...	...	260	1345	1249	Bran and Sharps.
Butter ...	cwts.	...	494	1512	20	60	...	...	37	156	...	...	...	...	24	60	1026	3933	3372	Butter.
Cheese ...	cwts.	...	403	1348	11½	50	...	...	36	134	...	...	...	...	...	...	465½	1595	3321	Cheese.
Coals ...	tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	280	225	145	Coals.
Doors and Sashes...	number	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	758	400	158	Doors and Sashes.
Flax ...	tons	...	242	6269	...	...	...	...	71	1315	35½	531	33	626	...	...	1151½	26946	13776	Flax.
Flour ...	tons	...	125	1219	...	...	60	600	50	500	...	...	...	...	8	100	252	2546	3266	Flour.
Gold ...	ounces	1036	4144	177	706	...	...	...	36214	144855	1151	4605	1	5	...	...	124023	493158	553994	Gold.
Grain (Barley) ...	bushels	...	17209	2923	3880	629	4800	850	198	30	60	20	...	...	728	150	26875	4602	3603	Grain (Barley).
„ (Malt) ...	bushels	...	1755	535	...	...	...	...	...	...	...	...	...	...	...	...	3979	1150	45	„ (Malt).
„ (Oats) ...	bushels	...	29418	3908	16436	1606	22012	2626	2133	305	...	...	928	225	1296	390	72516	8935	18141	„ (Oats).
„ (Wheat) ...	bushels	...	77682	14643	10907	1786	...	...	184	37	100	20	...	...	...	...	88561	16469	6420	„ (Wheat).
Gun, Kauri ...	tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1169½	44740	37509	Gun, Kauri.
Hides ...	number	...	187	114	...	...	69	50	100	50	73	60	338	214	...	...	3184	2496	1312	Hides.
Leather ...	cwts.	...	...	...	...	...	...	...	40	130	...	...	...	...	...	...	247	619	30	Leather.
Live Stock (Horses) ...	number	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	400	2070	Live Stock (Horses).
„ (Sheep) ...	number	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	450	282	246	„ (Sheep).
Meal, Oat ...	cwts.	...	9½	170	...	...	...	...	22½	378	...	...	...	...	...	...	40	678	1619	Meal, Oat.
Meats, Preserved...	cwts.	...	883	1691	...	...	...	...	...	...	549pkgs.	1058	626pkgs.	4	...	...	1372	...	4391	Meats, Preserved.
Miscellaneous	131	25	...	30	1336	Miscellaneous.	
Oil (Sperm) ...	gallons	882	215	140	Oil (Sperm).	
„ (Black) ...	gallons	2850	655	2368	„ (Black).	
Pearl Barley ...	cwts.	8	177	8	177	...	Pearl Barley.	
Plants ...	packages	...	5	13	3	12	16	119	20	Plants.	
Potatoes ...	tons	...	1060	1952	1115	2156	3036	Potatoes.	
Provisions, Bacon and Hams	cwts.	...	18	56	43	556	383	Provsns. Bacon & Hams.	
„ Beef (Salted) ...	cwts.	25	500	...	8	15	1180	„ Beef (Salted).	
„ Pork (Salted) ...	cwts.	19	42	...	„ Pork (Salted).	
Seeds (Grass) ...	bushels	1	10	76	Seeds, (Grass).
„ (other kinds) ...	packages	1	10	„ (other kinds).	
Silver ...	ounces	3	1477	Silver.
Skins (Seal) ...	number	3	2	3	2	...	Skins (Seal).	
„ (Sheep) ...	number	...	27527	2676	...	...	...	...	500	75	100	10	588	31	...	...	61505	6053	973	„ (Sheep).
Soap ...	cwts.	53	60	215	Soap.	
Tallow ...	cwts.	...	3202	5966	1083	1880	30	40	880	1300	429	810	406	812	...	...	15276	26385	7229	Tallow.
Timber (Sawn) ...	feet	...	1200	5	...	...	...	...	...	...	7000	80	...	...	...	...	830057	3782	1173	Timber (Sawn).
„ (Logs) ...	number	242	2050	280	„ (Logs).	
„ (Spars) ...	number	100	„ (Spars).	
Wool ...	lbs.	...	433227	26021	...	...	...	...	99842	5285	86676	4539	168316	7984	...	...	1315349	66152	40602	Wool.
Total New Zealand Produce ...	...	4144	66812	6001	4466	154774	11733	11376	1693	724779	710458	...	...	...	...	...	...	...	...	...
Total British, Foreign, and Other Colonial Produce and Manufactures ...	...	...	899	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	...	4144	67711	6017	4466	155716	11953	11379	1693	724779	710458	...	...	...	...	...	...	...	...	...

Office of the Commissioner of Customs,
Wellington, 26th November, 1870.

J. HACKWORTH
(for the Secretary and Inspector).

RETURN of the NUMBER, TONNAGE, and CREWS of VESSELS ENTERED INWARDS at the several Ports of NEW ZEALAND, during the Quarter ended the 30th SEPTEMBER, 1870.

PORTS OF ARRIVAL.	WHENCE.						BRITISH.						FOREIGN.						TOTALS.						Corresponding Quarter, 1869.									
	United Kingdom.		British Possessions.		Foreign Countries and Whale Fishery.		With Cargoes.		In Ballast.		Totals.		With Cargoes.		In Ballast.		Totals.		With Cargoes.		In Ballast.		Totals.											
	With Cargoes.	In Ballast.	With Cargoes.	In Ballast.	With Cargoes.	In Ballast.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.							
Auckland	5	27	1	14	2	45	17580	919	3	423	18	48	18003	937	1	100	10	1	100	10	46	17680	929	3	423	18	49	18103	947	51	15666	646
Russell	...	...	...	...	2	1	533	30	...	...	...	1	533	30	1	332	31	...	...	1	332	31	2	865	61	...	...	2	865	61	...	...	...
Mangonui	...	...	...	...	...	1	129	6	...	...	...	1	129	6	...	...	...	...	...	1	129	6	1	129	6	...	...	1	129	6	3	427	20
Hokianga	...	...	...	...	...	15	6550	177	...	...	...	15	6550	177	1	238	8	...	...	1	238	8	16	6788	185	...	...	16	6788	185	17	6636	193
Wellington	2	14	...	...	...	2	325	13	...	...	...	2	325	13	...	...	...	...	...	2	325	13	2	325	13	...	...	2	325	13	2	1058	31
Napier	...	...	...	...	...	16	6881	512	...	...	...	16	6881	512	1	566	15	...	...	1	566	15	17	7447	527	...	...	17	7447	527	17	6684	472
Wanganui	...	...	...	...	...	3	322	18	...	...	...	3	322	18	...	...	...	...	...	3	322	18	3	322	18	...	...	3	322	18	4	637	32
Westport	...	...	...	...	...	11	3581	278	...	...	...	11	3581	278	...	...	...	...	...	11	3581	278	11	3581	278	...	...	11	3581	278	11	1333	96
Greymouth	...	...	...	...	...	15	3944	302	...	...	...	15	3944	302	...	...	...	...	...	15	3944	302	15	3944	302	...	...	15	3944	302	13	3687	287
Hokitika	1	72	5
Okarito	...	...	...	...	...	24	7602	252	...	...	...	24	7602	252	1	247	10	...	...	1	247	10	25	7849	262	...	...	25	7849	262	17	3588	140
Lyttelton	1	24	...	...	...	2	352	15	...	...	...	2	352	15	...	...	...	...	...	2	352	15	2	352	15	...	...	2	352	15	2	446	17
Timaru	...	...	...	...	...	1	174	8	...	...	...	1	174	8	...	...	...	...	...	1	174	8	1	174	8	...	...	1	174	8	5	870	40
Oamaru	...	...	...	...	...	18	9560	289	...	...	...	18	9560	289	1	956	24	...	...	1	956	24	19	10516	313	...	...	19	10516	313	20	9874	323
Dunedin	7	10	...	...	...	7	3627	275	...	...	...	7	3627	275	...	...	...	...	...	7	3627	275	7	3627	275	...	...	7	3627	275	11	5707	410
Invercargill
Bluff Harbour	...	...	...	...	...	1	90	6	...	...	...	1	90	6	...	...	...	...	...	1	90	6	1	90	6	...	...	1	90	6	...	...	...
Riverton	...	...	...	...	...	7	3627	275	...	...	...	7	3627	275	...	...	...	...	...	7	3627	275	7	3627	275	...	...	7	3627	275	...	...	...
Chatham Islands
Totals	17	133	1	18	2	162	61250	3100	3	423	18	165	61673	3118	6	2439	98	...	...	6	2439	98	168	63689	3198	3	423	18	171	64112	3216	...	...
Corresponding Quarter, 1869	16	143	...	17	1	172	55634	2692	1	35	4	173	55669	2696	4	1695	63	4	1695	63	176	57329	2755	1	35	4	177	57364	2759

Office of the Commissioner of Customs,
Wellington, 26th November, 1870.

J. HACKWORTH
(for the Secretary and Inspector of Customs).

RETURN of the NUMBER, TONNAGE, and CREWS of VESSELS CLEARED OUTWARDS at the several Ports of NEW ZEALAND, during the Quarter ended 30th SEPTEMBER, 1870.

PORTS.	DESTINATION.						BRITISH.									FOREIGN.									TOTALS.									Corresponding Quarter, 1869.		
	United Kingdom		British Possessions.		Foreign Countries and Whale Fishery.		With Cargoes.			In Ballast.			Totals.			With Cargoes.			In Ballast.			Totals.			With Cargoes.			In Ballast.			Totals.					
	With Cargoes.	In Ballast.	With Cargoes.	In Ballast.	With Cargoes.	In Ballast.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.	Vessels.	Tons.	Crews.			
																																		Vessels.	Tons.	Crews.
Auckland	3	...	24	5	25	2	51	17274	919	7	2887	90	58	20161	1009	1	100	8	...	...	...	1	100	8	52	17374	927	7	2887	90	59	20261	1017	57	17213	692
Russell	...	...	...	...	2	...	1	328	31	...	...	...	1	328	31	1	332	30	...	...	...	1	332	30	2	660	61	...	...	2	660	61	...	17213	692	
Mangonui	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hokianga	...	...	1	...	1	...	2	715	20	...	...	...	2	715	20	...	...	...	...	...	...	...	...	...	2	715	20	...	...	2	715	20	1	380	30	
Kaipara	...	...	1	...	...	...	1	216	8	...	...	...	1	216	8	...	...	...	...	...	...	...	...	1	216	8	...	...	1	216	8	...	...	216	8	
Wanganui	...	...	...	...	...	...	1	129	6	...	...	...	1	129	6	...	...	...	...	...	...	...	...	1	129	6	...	...	1	129	6	...	...	...	...
Wellington	2	...	1	13	...	...	3	1562	43	13	4549	121	16	6111	164	...	...	...	...	...	...	...	3	1562	43	13	4549	121	16	6111	164	12	4679	131		
Napier	...	...	...	2	...	...	...	...	2	...	325	13	2	325	13	...	...	...	...	...	...	...	...	...	...	...	...	2	325	13	2	325	13	2	1058	31
Nelson	...	...	...	3	...	...	3	837	30	11	4288	281	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Westport	...	...	3	...	...	...	3	322	18	...	...	3	322	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Greymouth	...	...	12	...	1	...	13	4233	323	...	...	13	4233	323	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hokitika	...	...	14	2	...	...	14	4487	321	2	125	10	16	4612	331	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyttelton	4	...	15	5	4	...	21	8594	270	5	1543	46	26	10137	316	2	783	20	...	...	...	2	783	20	23	9377	290	5	1543	46	28	10920	336	22	6073	212
Timaru	...	...	3	...	...	...	3	543	23	...	...	3	543	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oamaru	...	...	2	...	1	...	3	598	25	...	...	3	598	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dunedin	...	...	4	12	...	...	3	2398	68	11	5912	165	14	8310	233	1	956	24	1	1000	22	2	1956	46	4	3354	92	12	6912	187	16	10266	279	16	7691	219
Invercargill	...	...	2	...	...	...	2	244	13	...	...	2	244	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bluff Harbour	...	...	7	...	...	...	7	2974	240	...	...	7	2974	240	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Riverton	...	...	1	...	...	...	1	90	6	...	...	1	90	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals...	9	...	99	42	34	2	137	48158	2585	43	16178	475	180	64836	3060	5	2171	82	1	1000	22	6	3171	104	142	50329	2667	44	17178	497	186	67507	3164	...	...	...
Corresponding Quarter, 1869	2	...	85	64	19	9	101	33945	1848	68	19748	698	169	53693	2546	5	3394	89	5	2244	61	10	5638	150	106	37339	1937	73	21992	759	...	...	...	179	59331	2696

Office of the Commissioner of Customs,
Wellington, 26th November, 1870.

J. HACKWORTH
(for the Secretary and Inspector of Customs).

ABSTRACT of METEOROLOGICAL OBSERVATIONS, New Zealand, for the Month of OCTOBER, 1870.

STATIONS.	BAROMETER. Corrected and Reduced to Sea- Level.		TEMPERATURE FROM SELF-REGISTERING INSTRUMENTS, READ IN MORNING FOR TWENTY-FOUR HOURS PREVIOUSLY.					COMPUTED FROM OBSERVATIONS.		RAIN.		WIND.		Cloud.
	Mean Reading	Extr'me Range.	Mean Temp. in Shade.	Mean Daily Range of Temp.	Extr'me Range of Temp.	Max. Temp. in Sun's Rays.	Min. Temp. on Grass.	Mean Elastic Force of Vapour.	Mean Deg. of Moist. (Satur- ation =100.)	Total Fall in Month (inches)	No. of Days on which Rain fell.	Average Daily Force in Miles for Month.	Maximum Velocity in Miles in any 24 hours, and Date.	Mean Amount for Month (0 to 10).
MONGONUI ... Same month previous 5 years	30-188 29-915	·597 ...	59-9 58-5	17-5 ...	30-0 ...	147-0 ...	41-0 ...	·308 ·415	60 78	·510 3-698	6 17	160 435, 2nd	5-0	
AUCKLAND ... Same month previous 6 years	30-182 29-855	·671 ...	58-1 58-4	15-5 ...	29-3 ...	154-7 ...	27-1 ...	·381 ·377	78 76	·401 3-114	10 18	273 580, 19th	5-0	
TARANAKI ... Same month previous 6 years	30-027 29-853	·735 ...	56-4 55-4	16-9 ...	35-8 ...	149-0 ...	20-0 ...	·345 ·361	75 73	2-120 5-971	11 18	...	6-6	
NAPIER ... Same month previous 3 years	30-065 29-892	·833 ...	58-4 59-3	18-4 ...	42-0 ...	137-0 ...	37-0 ...	·365 ·346	75 69	1-670 1-373	6 6	227 413, 23rd	2-0	
WELLINGTON ... Same month previous 6 years	29-937 29-815	·939 ...	55-4 54-2	12-3 ...	31-5 ...	115-0 ...	33-0 ...	·343 ·300	78 70	2-855 4-898	10 13	221 530, 1st	4-3	
NELSON ... Same month previous 6 years	30-035 29-877	·740 ...	54-9 54-7	23-2 ...	42-0 ...	152-0 ...	29-0 ...	·335 ·360	77 73	1-650 4-351	5 9	211 434, 23rd	4-4	
CHRISTCHURCH ... Same month previous 6 years	29-999 29-749	·925 ...	55-0 53-1	18-2 ...	47-3 ...	141-2 ...	17-3 ...	·318 ·311	73 71	1-223 2-134	9 11	162 329, 9th	3-3	
BEALEY* ... Same month previous 2 years	29-856 29-724	·799 ...	48-1 45-7	16-2 ...	32-8 ...	123-0 ...	12-0 ...	·277 ·232	83 78	8-948 14-749	16 21	193 725, 22nd	4-0	
HOKITIKA ... Same month previous 4 years	30-104 29-830	·917 ...	52-8 51-4	12-1 ...	28-0 ...	85-8 ...	34-4 ...	·378 ·359	95 88	11-300 13-395	17 22	213 463, 4th	7-0	
DUNEDIN ... Same month previous 6 years	29-971 29-791	·925 ...	52-5 50-2	16-8 ...	40-0 ...	148-0 ...	16-0 ...	·307 ·260	78 69	·600 2-604	10 17	205 670, 5th	4-0	
SOUTHLAND ... Same month previous 5 years	29-945 29-642	1-176 ...	51-3 49-9	21-8 ...	46-0 ...	148-0 ...	23-0 ...	·266 ·254	69 71	2-910 4-040	11 17	314 580, 10th	4-4	

* Altitude above sea, 2,104 feet.

NOTES.

- Mongonui*.—Weather unusually fine; very slight rainfall, and light winds, which prevailed from N.W.
- Auckland*.—Fine, bright, warm weather; excessively dry; winds moderate, except on 19th and 28th, when it blew hard from S. Prevailing wind from S.W.
- Taranaki*.—Pleasant weather; small rainfall; fresh southerly breezes frequently. Strong S.W. gale on 4th; also stormy on 23th from S.E. Prevailing wind from S.W. Slight earthquakes on 3rd and 23rd.
- Napier*.—Tolerably fine weather, generally calm and close, but pleasant light showers at times. On 22nd and 23rd it blew hard from N.W. Prevailing wind from N.E.
- Wellington*.—Wet and stormy on 2nd from N.W., beating rain; on 8th, strong N.W. wind; wet unpleasant weather on 12th from S.E.; very stormy on night of 21st from N.W.; strong N.W. wind on night of 25th, and also on 26th; wind changed on night of 26th to S.E., and brought heavy rain and wind; wet and unpleasant also on 27th from same quarter; otherwise the weather during the month was remarkably fine, bright, and warm, with clear sky, and bright mild nights. There were eighteen days of N.W. wind. Slight earthquake shock on 3rd, at 2.15 p.m. Splendid aurora on 24th. Meteor observed on night of 16th; very brilliant.
- Nelson*.—Generally fine, bright, and warm, with little rain, and winds light. On 3rd it was stormy from S.W.; and on 23rd from N.W. Prevailing wind from S.W. Earthquake on 3rd, at 2.18 p.m.
- Christchurch*.—On 4th it blew hard from S.W.; heavy N.W. gale on 8th, changing to S.W. and slight rain; also storm from N.W. on 23rd, again changing to S.W. Otherwise weather very fine, bright, and pleasant. Prevailing wind from E.
- Bealey*.—Wet and unpleasant weather generally at this station, though at times it was bright and pleasant. On 4th strong S.W. wind, with rain, thunder, hail, and snow; on 10th gale from N.W.; also strong N.W. wind on 17th, with rain and thunder; on 21st stormy again from N.W.; heavy rain on 27th from N.W.; snow also on 12th. Prevailing wind from N.W. Brilliant aurora on 24th.
- Hokitika*.—On 3rd and 4th stormy from S.W., with rain and thunder on 4th; also thunder on 5th; on 11th and 12th strong N.E. winds, with heavy rain; on 22nd stormy from S.W., also with rain and fog; very heavy rain on 27th, wind N.; foggy also on 15th and 31st. Very unpleasant wet weather almost throughout the month. Prevailing winds from N. and S.W. Slight earthquake on 2nd at 2.30 p.m.
- Dunedin*.—Dry clear weather, but very stormy at times. On 5th and 6th strong S.W. and W. winds, with only slight rain; also on 9th and 24th stormy from W., and on 28th from S.W.; thunder on 4th. Prevailing wind from W.
- Southland*.—Exceedingly fine weather, very dry, frequent strong winds from W. and N.W., but no heavy gales except on the 10th, when it blew hard from N.W. with rains. Prevailing wind from W. Aurora on 24th, 25th, and 26th.

GENERAL REMARKS.

Season all over the Colony much drier than usual, but in the Northern Provinces amounting to a positive drought.

JAMES HECTOR, Inspector.