


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. XIII.]

SATURDAY, FEBRUARY 24, 1866.

[No. XVII.]

Provincial Secretary's Office,
Christchurch, Feb. 17, 1866.

HIS Honor the Superintendent directs it to be notified that henceforth the Secretary for Public Works will be, *ex officio*, a Member of the Park and Domain Board.

EDW. JOLLIE,
Provincial Secretary.

Provincial Secretary's Office,
Christchurch, Feb. 17, 1866.

HIS Honor the Superintendent directs it to be notified that he has been pleased to appoint

GEORGE GOULD

to be a Member of the Park and Domain Board.

EDW. JOLLIE,
Provincial Secretary.

Provincial Secretary's Office,
Christchurch, Feb. 17, 1866.

HIS Honor the Superintendent directs it to be notified that he has made the following Reserve, temporarily, under the 19th clause of the Waste Land Regulations; viz.—

No. 198, in red.—Three thousand acres, more or less, situate in the Waipara District, being bounded on the north and east by the River Hurunui, on

the south by the River Waitohi, and on the west by a due north and south line passing through the trigonometrical station forming the eastern extremity of the base line—For a quarantine ground for sheep.

EDW. JOLLIE,
Provincial Secretary.

IN THE SUPREME COURT OF NEW ZEALAND,
WESTLAND DISTRICT.

In the matter of "The Debtors' and Creditors' Act, 1862;" and

In the matter of "The Debtors' and Creditor's Act Amendment Act, 1865;" and

In the matter of the Petition of John Byrne, of Hokitika, in the Province of Canterbury, Miner.

NOTICE is hereby given that, by order of His Honor Mr. Justice Gresson, bearing date the Fifth day of February, 1866, the estate of the abovenamed John Byrne was sequestrated, and protection from all legal process for debt granted to the said John Byrne, upon his petition previously filed in the Supreme Court at Hokitika, and the hearing of such petition was appointed to take place on Monday, the Thirtieth day of July next ensuing, at the Supreme Court House, Hokitika, in the said district, at eleven o'clock in the forenoon.

Dated at Hokitika, this Fifth day of February, 1866.

O. W. OAKES,
Solicitor for the Petitioner.

VOL. 13.—No. 17.

NOTICE.

SUPREME COURT.—WESTLAND DISTRICT.

In the matter of the "Debtors' and Creditors' Act, 1862;" and

In the matter of the "Debtors' and Creditors' Act Amendment Act, 1865."

HIS Honor Henry Barnes Gresson, Esq., the Judge presiding in this Honorable Court, has appointed that the Court shall sit for the despatch of business accruing under the provisions of the above named Acts at the Court House, Hokitika, on Monday, the Thirtieth day of July next, at eleven A.M.

ROBERT ABBOTT,
Registrar.

Hokitika, Feb. 6, 1866.

IN THE SUPREME COURT OF NEW ZEALAND,
CANTERBURY DISTRICT.

In the matter of "The Debtors' and Creditors' Act, 1862;" and

In the matter of the Debtors' and Creditors' Act Amendment Act, 1865;" and

In the matter of Daniel Kellahan, of Christchurch, in the said district, a Labourer, a debtor.

NOTICE is hereby given that the estate of the abovementioned debtor has been sequestrated by order of His Honor Mr. Justice Gresson, made on the Thirteenth day of February instant, on a petition filed

in this Honorable Court in pursuance of the above named Acts; and Monday the 19th day of March next, at eleven o'clock in the forenoon, has been appointed for the hearing of such petition, at the Court House, Christchurch; and such order was declared to be a vesting order pursuant to Section 8 of the said "Debtors' and Creditors' Act Amendment Act, 1865."

Dated this 21st day of February, 1866.

THOMAS I. JOYNT,
Petitioner's Solicitor.

NOTICE.

IN THE SUPREME COURT OF NEW ZEALAND,
CANTERBURY DISTRICT.

In the matter of "The Debtors' and Creditors' Act, 1862;" and

In the matter of the "Debtors' and Creditors' Act Amendment Act, 1865."

HIS Honor Henry Barnes Gresson, Esq., the Judge presiding in this Honorable Court, has appointed that the Court shall sit, for the despatch of business accruing under the provisions of the above-mentioned Acts, at the Court House, Christchurch, on Monday, the Nineteenth day of March next, at eleven o'clock in the forenoon.

CHRISTOPHER ALDERSON CALVERT,
Registrar.

Supreme Court Office,
Christchurch, Feb. 20, 1866.

SUPREME COURT.—WESTLAND DISTRICT.

LIST OF PETITIONS OF PERSONS APPLYING FOR RELIEF UNDER "THE DEBTORS' AND CREDITORS' ACT, 1862," AND "THE DEBTORS AND CREDITORS' ACT AMENDMENT ACT, 1865."

Date when Petition filed.	Petitioner's Name.	Whether as Debtor or as Creditor.	AS TO WHOM.
1866: January 9 ...	John Byrne	Debtor... ..	Petitioner, of Hokitika, a Miner.
„ 15 ...	Michael Moran	Debtor... ..	Petitioner, late of the Spit, Hokitika, a Butcher, now a debtor in custody.
„ 31 ...	William Cochrane	Debtor... ..	Petitioner, of Lagoon, near Hokitika, a Packer.
„ 31 ...	Moss Isaacs	Debtor... ..	Petitioner, of Greymouth, a Storeman.

Hokitika, 6th February, 1866.

ROBERT ABBOTT,
Registrar.

RESULTS
OF
METEOROLOGICAL OBSERVATIONS,
TAKEN AT
CHRISTCHURCH, CANTERBURY,
NEW ZEALAND,
For the Year ending 31st December, 1865.

RESULTS OF METEOROLOGICAL OBSERVATIONS.

TAKEN AT CHRISTCHURCH, CANTERBURY, NEW ZEALAND, FOR THE YEAR ENDING 31ST DECEMBER, 1865.

Latitude, 43° 40' S.

Longitude, 172° 51' E.

Height above Sea Level, 21 feet.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	1865.	1864.
Mean atmospheric pressure:—														
Barometer reduced to 32° Fah. - -	29·792	29·909	29·881	29·902	29·636	29·701	29·788	29·834	29·719	29·674	29·705	29·759	29·775 Mean for year.	29·888
Approximate range - - - - -	1·079	·971	·995	·911	1·380	1·616	1·375	1·552	1·038	1·076	1·264	·760	1·251 Mean „	1·080
Mean pressure of vapour in inches of mercury - - -	·451	·468	·414	·340	·291	·257	·267	·235	·279	·281	·322	·391	·333 Mean „	·328
Mean of highest temperature in shade (Fah.) - - -	74·1	73·7	67·8	62·8	54·1	52·3	49·4	53·5	57·1	60·4	68·3	68·7	61·8 Mean „	62·5
Mean of lowest temperature in shade - - - - -	52·2	54·2	52·3	46·5	40·2	35·5	33·6	34·1	40·7	40·2	45·4	49·5	43·7 Mean „	44·2
Approximate mean temperature in shade - - - - -	63·1	63·9	60·0	54·6	47·3	43·9	41·5	43·8	48·9	50·4	56·8	59·1	52·8 Mean „	53·3
Maximum in shade - - - - -	89·4	87·6	81·6	70·2	62·9	61·7	58·4	62·5	70·5	70·3	81·7	80·1	89·4 (a) Max. „	88·7
Minimum in shade - - - - -	39·9	44·8	39·1	38·1	29·4	28·3	25·3	26·2	29·8	32·0	36·8	37·3	25·3 (b) Min. „	26·2
Range - - - - -	49·5	42·8	42·5	42·1	33·5	33·4	33·1	36·3	40·7	38·3	44·9	42·8	40·0 Mean „	41·0
Mean daily range - - - - -	21·8	19·4	15·4	16·8	14·6	16·4	15·8	19·3	16·4	20·1	22·8	19·2	18·1 Mean „	17·9
Greatest daily range - - - - -	33·7	35·8	32·6	28·2	24·8	22·7	24·1	23·9	27·4	32·0	38·0	31·6	38·0 (c) Max. „	37·8
Least daily range - - - - -	12·0	11·4	6·4	4·1	6·4	7·5	5·3	7·6	7·3	9·9	9·3	11·2	4·1 (d) Min. „	4·1
Mean solar radiation (temperature in sun's rays) - -	113·6	110·1	97·6	81·8	66·1	64·5	61·5	70·3	75·5	81·6	100·1	105·9	85·7 Mean „	87·3
Maximum in ditto - - - - -	135·1	129·1	119·0	101·6	78·2	77·8	75·8	89·0	93·7	95·3	118·1	129·4	135·1 (e) Max. „	143·9
Mean nocturnal radiation (exposed therm. on grass) -	47·1	49·7	47·2	40·5	35·3	30·3	30·6	28·0	36·3	34·6	38·0	43·6	38·4 Mean „	39·3
Minimum on ditto - - - - -	31·8	37·4	32·5	29·4	22·5	21·6	20·4	17·9	22·7	23·8	24·8	27·6	17·9 (f) Min. „	17·3
Mean temperature of evaporation - - - - -	57·9	58·7	55·9	50·5	44·8	41·7	39·5	40·6	45·2	45·9	51·1	54·6	48·8 Mean „	49·3
Mean temperature of dew point - - - - -	55·8	56·8	53·5	48·0	43·8	40·7	38·2	38·4	43·0	43·1	46·5	51·5	46·6 Mean „	46·7
Mean degree of moisture (saturation = 100) - - -	75	77	77	78	86	88	88	79	80	76	68	73	78 Mean „	77

Greatest daily rainfall	.374	.855	.980	1.167	1.116	.883	.823	.416	.790	.480	.646	.220	1.167 (g) Max.	1.030	
Mean amount of cloud (overcast = 10) - - - - -	4.9	5.0	4.9	4.8	5.8	4.5	4.3	3.2	5.6	5.4	3.4	4.2	4.6 Mean	4.4	
Wind, mean force in pounds pressure on square foot -	.87	.70	.40	.60	.29	.24	.26	.32	.39	.67	.73	.54	.50 Mean	.58	
„ mean velocity in miles per day - - - - -	225	199	171	167	154	126	142	175	180	194	221	202	179 Mean	Instrument not yet set up.	
„ greatest velocity in miles per day - - - - -	425	335	310	375	402	231	420	353	414	385	420	365	425 (h) Max.		
„ least velocity in miles per day - - - - -	97	112	58	80	55	45	28	62	82	104	77	101	28 (i) Min.		
													14 Sum		9
	N.	3	2	1	0	0	1	3	0	1	0	0	3	107	93
	N.E.	12	12	10	9	8	4	4	8	8	19	6	7	51	68
	E.	1	4	2	5	4	7	4	4	7	1	4	8	6	12
	S.E.	0	0	0	1	2	0	0	0	0	0	2	1	18	6
Number of days it blew from each point, at 9.30 A.M. daily - - - - -	S.	2	3	3	1	1	2	2	0	2	0	0	2	101	97*
	S.W.	5	4	8	10	11	10	12	11	8	8	7	7	25	29
	W.	2	0	2	1	1	4	5	3	3	1	3	0	31	21
	N.W.	5	1	3	2	1	1	1	3	1	2	8	3	12	30
	Calm	1	2	2	1	3	1	0	2	0	0	0	0	5	2
Thunder storms occurred on - - - - -	0	0	0	0	1	1	1	0	0	2	0	0	0	2	11
Snow or sleet fell on - - - - -	0	0	0	0	1	0	1	0	0	0	0	0	0	9	7
Hail fell on - - - - -	0	0	0	0	1	1	5	1	0	1	0	0	0	3	22
Fog prevailed on - - - - -	0	0	1	0	1	0	1	0	0	0	0	0	0	110	116
Frost occurred on - - - - -	0	0	0	3	14	18	20	24	8	12	9	2	44	40	
Gales or very high winds occurred on - - - - -	5	3	1	3	2	2	2	4	6	4	7	5	365	366	
Number of days - - - - -	31	28	31	30	31	30	31	31	30	31	30	31			

Note.—These Results are derived from Observations taken three times a day throughout the year; viz. at 9.30 A.M., 3.30 P.M., and 9.30 P.M. The self-registering instruments and the rain gauge are read at 9.30 A.M. for the 24 hours previous. The thermometers are compared periodically with a standard, and the index errors computed.

(a) January 25th. (b) July 8th. (c) November 3rd. (d) April 25th. (e) January 25th. (f) August 16th. (g) April 24th. (h) January 2nd. (i) July 8th.

NOTES.

Atmospheric Pressure.—The highest reading of the barometer observed during the year was 30·443 in., on August 8th; the lowest 28·660 in., on June 30th; range 1·783 in. The greatest movement in 24 hours was a fall of ·872, on July 24th, preceding three days very bad S.W. weather. The mean pressure at different hours of the day was at 9.30 a.m., 29·793; 3.30 p.m., 29·749; 9.30 p.m., 29·797.

Temperature.—The mean temperature of the atmosphere in the shade for the past two years was 53° 05. The corresponding isothermal line in Europe passes nearly through the centre of France, from La Rochelle, on the west coast, to Turin, in Italy; but taking the temperature of the seasons into consideration, the climate of the Canterbury plains resembles more that of Plymouth and Torquay in the South of England, as shown by the following table:—

	Christchurch.	Turin.	Plymouth.	London.
Spring	52·6	53·1	50·2	49·1
Summer	61·7	71·6	60·8	62·8
Autumn ...	54·1	53·8	53·1	51·3
Winter ...	43·8	33·4	44·4	39·6
Year	53·0	53·0	52·1	50·7

The mean daily range for the same seasons respectively was, in Christchurch, in 1865, 19·7; 18·5; 15·6; 17·1. The extreme range of temperature in the shade for the same period was 64·1.

The temperature in the shade exceeded 80° on 17 days in the year, viz. in November 2, December 2, January 5, February 6, March 2.

February was the hottest, and July the coldest months in the year.

Terrestrial Radiation.—Frost occurred on 110 nights in the year, viz., spring, 29; winter, 62; autumn, 17; summer, 2. The months which were entirely free from frost were January, February, and March. In no instance was it known to freeze at mid-day, and very seldom later than 9 a.m., although ice of considerable thickness sometimes accumulated in sheltered spots. The 16th August was the coldest night in the year, when the mercury fell 14° 3 below freezing point.

Rainfall, in Christchurch, in 1865:—

	No. of days, or days and nights, of constant or almost constant rain.	Days, more or less wet, but never exceeding six hours' rain in general, either aft. or forenoon wet	Days showery throughout.	Showery nights.	Rainfall during the night only, between sunset and sunrise.	Total.
January ...	1	4	0	1	2	8
February...	0	2	0	0	0	2
March	2	6	0	0	1	9
April	3	4	0	0	0	7
May	3	5	1	0	2	11
June	2	3	1	2	0	8
July	6	3	2	0	2	13
August ...	1	3	1	2	0	7
September..	4	6	0	2	2	14
October ...	2	10	0	0	2	14
November..	1	0	1	4	0	6
December...	0	2	1	4	1	8
Total ...	25	48	7	15	12	107

This table shows that during the past year there were 285 days on which no rain fell between sunrise and sunset; of the remaining 80, 48 were suitable for out-door occupation during at least half the day; and 7 were only showery. The rainfall in inches in the different seasons was—Spring, 5·572; summer, 2·546; autumn, 9·307; winter, 6·924. Total, 24·349 inches.

The longest periods without rain were 23 days in February, and 14 days in April.

Hail fell nine times, principally in July. Snow or sleet fell on two occasions, viz., on the 19th of May there was a slight fall of snow at night, which on the following morning was scarcely discernible; and on the 27th July there were a few showers of sleet.

Fogs prevailed only on three days, for a few hours; there were besides a few days on which very slight fogs occurred, generally in the winter months, in the morning or evening.

Rainfall in Hokitika (West Coast, Canterbury).—The following particulars of the rainfall at Hokitika, in 1865, are compiled from observations taken by Mr. John Rochfort and Mr. Browning, District Surveyor.

At the commencement of the present year (1866) a permanent Meteorological Station has been established in that city, under the charge of Mr. James Rochfort, District Engineer for Westland.

1865	Inches.	Days of rain.	1865.	Inches.	Days of rain.
May	17·182		September..	14·471	19
June	14·530		October ...	11·172	24
July	4·380		November..	12·426	24
August ...	7·890		December...	14·085	21
Total, 8 months, 96·136 inches.					

Wind.—The greatest storm during the year occurred on 24th November. The sky was bright and cloudless, except over the mountains in the interior, where it rained heavily. At 9 a.m., the barometer attained its minimum 29·008, the wind rising fast. At noon it blew furiously from N.W., the wind gauge showing for some time a mean pressure of 8 lbs. to the square foot; the atmosphere very dry and warm for the season; temperature 69·3; dew point, 43·5; humidity, 39. At 3 p.m., the wind changed to W., then S.W., and at sundown it fell perfectly calm.

No means were at hand to ascertain the maximum force of the wind during the gale; but probably it did not exceed a pressure of about 16 lbs. to the square foot. During the six hours ending 3.30 p.m., 171 miles of wind passed by.

On June 30th a very severe and destructive gale from S.W. passed over Lyttelton, the full force of which was not felt in Christchurch. The barometer, which had been very low, ranging from 29·40 to 29·00 for some days previous, fell rapidly on the morning of that day until 1.30 p.m., when it reached 28·66 (corrected for temperature), or 28·68 reduced to the sea level, the lowest on record at this station. It blew hard with heavy rain all day until midnight, when it fell calm and frosty; the day following was bright and clear.

Only one other gale deserves special mention. It took place on the 15th July, blowing heavily without intermission for eighteen hours from E. At various times there was a mean pressure of from six to eight pounds to the foot; 420 miles of wind passed by in the 24 hours. It was followed by heavy rain from S.W.

Five thunder-storms occurred at or about Christchurch during the year. The first, in May, was so slight as hardly to deserve mention. The second, on June 22nd, was confined principally to Banks' Peninsula and Lyttelton. The third, on the evening of July 6th, was severe, but of short duration; the lightning was very bright, and proved fatal to a man who was struck by it in the neighbourhood of the town, and killed instantly. Heavy rain and hail accompanied this storm. Two more very slight thunderstorms occurred on the 3rd and 4th October.

One slight shock of earthquake was felt in Christchurch on September 9th, at five minutes past two a.m. It was described as having lasted 7 or 8 seconds, with a movement from N. to S., but very few persons were aware of its having occurred, as it took place at such an early hour.

(Signed)

R. L. HOLMES,
Meteorological Observer.

SAXBY'S WEATHER SYSTEM TESTED IN CHRISTCHURCH.

The following table, showing the days on which storms, high winds, heavy rainfalls, or other remarkable atmospheric disturbances, occurred in Christchurch in 1865, has been prepared principally to test how much reliance can be placed on the prognostications of Mr. Saxby, as set forth and explained in his "Lunar Weather System."

The following paragraphs, extracted from the above work, explains, in a few words, the principal features of Mr. Saxby's lunar theory, and may interest those who have not seen the book itself:—

"I find that the phases of the moon, properly so called, do not perceptibly affect the weather.

"That the period of new moon has a marked influence on the weather, when occurring near the periods of lunar equinox or lunar stitial colure, and that this influence is heightened considerably if at the same time the moon be in perigee. That the mere fact of her being new or in perigee is of no importance at any other times; so that *when the lunar equinox or stitial colure occurs at the same period as the new moon in perigee, the greatest atmospheric disturbances to which our earth is liable may then be expected with certainty of fulfilment.*

"Now, either the moon crosses our equator or is at her stitial colure (or greatest distance from our equator) about once in a week," "therefore there is an atmospheric disturbance from this cause, say once a week, and it is *invariably traceable,*" &c.

In the following list there are 89 days which proved disturbed in a marked degree in 1865, of these 23 coincide with Mr. Saxby's suspected periods, as foretold by him, to which must be added 30 more, according to his stipulation for "the day after, and especially the second day after," and the day previous. There remain 36 which do not correspond at all with any of these. Of the three greatest storms, previously described, which occurred during the year, one happened the day after, the second two days after, and the third four days after the dates in his list. Four periods in the year, from a combination of causes, are pointed out by Mr. Saxby as particularly liable to be unsettled; of these one passed off quietly, the weather being remarkably fine for some time before and after; but on each of the remaining dates bad weather occurred in a marked degree. The corresponding dangerous periods in the present year, 1866, will take place on or *about* the following days, viz., April 15th, May 15th, June 12th, and July 12th. On very many of Saxby's days, however, although the weather may not break, more or less disturbance in the atmosphere may be observed (particularly by those who have instruments at their command), such as scud, showing by its swift motion the proximity of a gale; very changeable winds, flying all round the compass in 24 hours, or *backing*; or clouds driven in various directions at once; sudden calms; sudden frosts, &c. But it is probable that what Mr. Saxby calls the "efficacy of local influences," such, for example, as the neighbourhood of the high mountain chain running through this island, will be found to be so great as in a great measure to counteract the proper fulfilment of his predictions.

N.B. Those days in Mr. Saxby's list which proved much disturbed are marked by an asterisk. The remaining periods which he foretold as liable to change, and which were partly verified, may be seen by comparing the respective dates. The right hand column contains the number of miles of wind which passed the station on each of the days named in 24 hours.

Saxby Days.		Miles of Wind.
JANUARY, 1865.		
* 3rd	2nd. Stormy at night, N.W., overcast and threatening, 12 hours	425
9th	3rd. Stormy, with heavy rain all day and night, S.W. ... 24 "	416
*16th	16th. Stormy, N.W. and S.W., showery 18 "	464
23rd	18th. Very high wind, N.W., bright and clear 6 "	325
30th	25th. Very high wind, N.W. and S.W., cloudy and threatening 10 "	450
	27th. Heavy rain from S.W.	
FEBRUARY.		
* 5th	February was a remarkably fine month throughout, with the exception of 24 hours' heavy rain, commencing at noon on the	
13th	20th. High winds, with a clear sky, occurred on the 5th, from N.W., and on the 10th and 14th from N.E.	
*20th		
26th		
MARCH.		
* 5th	5th. High wind, E., cloudless 12 hours	310
*12th	9th and 10th. Constant rain from E. and S.W. 48 "	203
*19th	12th. High wind, N.E., fine 4 "	193
*26th	19th. High wind, N.W., cloudless 4 "	148
	Heavy rain fell on the 23rd, 24th, and 26th.	
APRIL.		
* 1st	1st. High wind, E., very fine 6 hours	197
8th	12th. Squall, with showers, N.W. 2 "	202
16th	15th. High wind, N.W., bright sunshine 3 "	201
22nd	24th. The heaviest rainfall in the year occurred on this day, from S.W.; wet weather lasted until the 27th.	
*28th	28th. Stormy, N.E., fine, cloudy 18 hours	375
	29th and 30th. Constant heavy rain from S.W.	
MAY.		
* 6th	Heavy rain on the 3rd, 6th, and 11th.	
13th	14th. High wind, overcast 15 hours	402
*20th	19th. Heavy rain, with hail and thunder, S.W.	
*26th	20th to 26th. Cold, showery, S.W., weather very unsettled.	
JUNE.		
2nd	11th and 12th. Heavy rain and hail from S.W.	
9th	22nd. Strong wind, with rain, S.W. (thunder st. in Lyt.) 6 hours	175
16th	30th. Stormy and heavy rain, S.W. 15 "	313
*22 & 29	" Heavy gale at night in Lyttelton.	
JULY.		
* 7th	1st. Heavy squalls, with rain and hail at night, S.W. 4 hours	196
*13th	6th. Thunder storm at 7 p.m., with rain, hail, and vivid lightning S.W. 1 "	183
20th	7th. Constant heavy rain.	
*27th	13th to 17th. More or less rain each day; wind variable.	
	15th. Storm with rain from E.	
	25th to 27th. Cold wintry weather; frequent squalls and showers from S.W., with hail and sleet on the 27th; great fall of the barometer = .872 in. on the 24th.	
AUGUST.		
* 3rd	1st. Heavy squall from N.W. at 3 a.m., with showers ... 1 hour	190
9th	3rd. High wind, with rain and hail, S.W. 6 "	210
16th	6th. Frequent very heavy showers from S.W.	
23rd	14th. Showery, N.W. forenoon, S.W. afternoon 15 "	300
30th	27th. High wind, with constant rain, S.W. 12 "	272
	29th. High wind, N.E.; cloudy, but fine 18 "	353
SEPTEMBER.		
* 6th	6th. Forenoon, heavy rain, S.W., wind moderate.	
*12th	7th. Squall from N.W. at midnight, cloudy 2 hours	188
*19th	10th to 17th. Cold wintry weather, with frequent falls of rain.	
27th	12th. Very high wind, E. 12 hours	339
	14th. Stormy, with heavy rain, W. and S.W. 14 "	
	19th. High wind, N.W., very fine and bright 8 "	242
	24th. Very high wind, E. and N.E., dull, cloudy 18 "	414

Saxby Days.		Miles of Wind.
OCTOBER.		
* 3rd	3rd and 4th. Slight thunder storms on both days, with rain.	
9th	13th. Heavy rain from S.W. early.	
*16th	15th. High wind, N.E. and N.W., fine 9 hours	220
24th	16th. Heavy rain from 4 p.m., to noon on the 17th.	
31st	21st and 22nd. Squalls, with rain from S.W. 4 "	
	25th. Heavy rain in the afternoon, from S.W.	
NOVEMBER.		
6th	11th, 17th, and 18th. High winds, N.W., warm and bright, calm nights	
13th	19th. Squally, N.W. and S.W., rain at midnight.....	186
20th	21st. Great atmospheric disturbance, wind very changeable.	
27th	" Showery, bright lightning all round at night, with dense nimbus.	
	24th. Gale from N.W., previously described 8 hours	420
	25th. Very high wind, N.W., warm and bright 8 "	335
	26th. High wind, N.W., warm and bright 7 "	177
	29th. Cold windy day, with showers, heavy rain at night, S.E.	
DECEMBER.		
3rd	4th. Strong N.W. wind, very warm and cloudless 10 hours	282
10th	5th. Ditto ditto with rain at night from S.W. 12 "	278
18th	11th. Very high wind, E., very fine 12 "	320
24th	21st. High wind, N.W., very warm and cloudless 5 "	247
31st	25th. Ditto ditto ditto 8 "	217
	30th. Atmosphere greatly disturbed, wind from all points, strong N.E. in the forenoon.....	247

R. L. HOLMES,

Meteorological Observer.

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