

ATTENTION

Address, Secretary of Anatomy, Birmingham
2670

URING JANUARY, 1885.

Lat. 49° 11' 20" N., Long. 2° 9' 43" W.	
Height of Barometer cistern above mean sea level, 125 feet.	
Height of Thermometers above ground, 4 feet.	
Height of Rain Gauge above ground, 1 foot.	
Dew, very cloudy, overcast, fair, cold.	
Very cold, gloomy, very cloudy, fair.	
Gloomy, milder, calm, drizzle.	
Fog, fine, mild, overcast, damp.	
Mild, gloomy, showers, fog, rain.	
Dew, very fine, heavy showers, hail, dew.	
Calm, clouds, extremely fine.	
Dew, gloomy, rain, squally, fair.	
Hoar frost, very fine, cloudy.	
Rain, mild, squally, overcast, hail.	
Rain, h. t., fair, squally, showers.	
Cloudy, cold wind, hail, fair.	
Cloudy, fair, hail, snow, overcast.	
Snow, hail, gloomy fair, showers.	
Gloomy, fair, showers, snow, overcast.	
Very gloomy, fair, cold wind.	
Bright and fine, cold wind.	
Fog, calm, gloomy, fair.	
Gloomy, overcast, fair.	
Very gloomy, cold, fair, fog.	
Rain, frost, fog, coldest day since Dec. 3, 1879.	
Milder, very fine and bright, p.m.	
Very cloudy, fair, lunar halo.	
Overcast, fair, fine evening.	
Overcast, fair, fine, lunar halo.	
Overcast, gloomy, rain, showers.	
Showers, very cloudy, fine, dew.	
Dew, mild, fair, overcast, squally.	
Very cloudy, showers, overcast, mild.	
Very mild, unsettled, rain, fair.	
Rain, squally, fair, showers, gale.	
N.B.—The necessary corrections for "index error" have been applied to the instrumental readings. /	

84. Barometer : mean 29.939 i.e. 0.206 too low ; or 2.4 too low ; all the elements of temperature for the 21st the coldest day, it was 27.4 i.e. 3.8. Rainfall, maximum 0.480, which fell in about 8.34, i.e. 12th too low. Eight frosts in the air instead of 24.98 hours less than the mean of the month with a total of 9.80 out of 31 hours ; the brightest of the year. The ten years 1876--1884 show that in January snow-falls on 4 days ; 6 days were very dry.

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METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING FEBRUARY, 1855.
BY J. E. VIBERT, M.A.

At 9 a.m. Local Time.		At 9 p.m. Local Time.				S. R. Thermometers reset at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.	Height of Barometer cistern above mean sea level, 125 feet.	Height of Thermometers above ground, 4 feet.	Height of Rain Gauge above ground, 1 foot.						
Days of Week.	Days of Month.	Hygrometer.		Wind.	Amount of rain inches.	Barometer reduced to 32° and S. L.	Hygrometer.		Wind.					Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on grass.	
		Dry Bulb.	Humidity 0-100				Dry Bulb.	Humidity 0-100											Direction.
S	1	ins. 29.316	44.3	92	S.W.	4	10	0.206	29.475	46.4	84	S.W.	5	4	49.2	41.0	76.4	39.2	Rain, fair, thunder, lightning, hail.
M	2	30.8	51.7	71	S.W.	3	8	0.050	29.339	45.0	85	S.W.	3	1	52.9	45.0	87.4	39.2	Squally, showers, fair, fine, clear.
T	3	36.9	46.1	85	S.W.	3	5	0.230	29.493	43.0	92	S.W.	3	1	49.8	42.4	87.4	37.0	Dew, very fine, showers, fair.
W	4	45.7	43.5	90	S.	2	3	0.140	29.413	40.2	90	S.W.	0	0	45.9	39.3	79.4	33.0	Dew, fine, heavy showers, fine night.
Th	5	52.5	44.6	89	S.W.	3	2	0.010	29.384	44.0	86	W.	2	0	51.7	37.5	93.5	31.0	Dews, clouds, extremely fine.
F	6	92.8	45.3	87	W.	3	9	0.120	29.717	47.0	92	S.W.	4	10	49.0	43.0	88.5	38.2	Showers, very cloudy, fair, squally.
S	7	78.5	45.5	82	S.W.	3	8	0.030	30.055	45.0	90	S.W.	2	0	50.6	44.0	95.8	40.3	Cloudy, extremely fine, dew.
S	8	95.8	48.0	97	S.W.	3	9	0.300	29.527	46.0	92	W.	3	4	50.7	44.3	78.0	41.5	Shower, overcast, squally, rain, fair.
M	9	88.8	45.3	71	W.	2	5	0.030	29.958	45.4	96	W.	2	10	50.1	41.0	86.0	40.1	Showers, cloudy, fine, overcast.
T	10	30.092	45.8	98	S.W.	1	10	0.123	30.145	48.9	99	S.W.	1	10	50.0	43.0	76.0	37.0	Showers, very cloudy, Scotch mist, fair.
W	11	2.69	47.5	99	W.	2	10	0.110	29.259	47.8	100	S.W.	0	10	50.3	47.0	76.0	44.0	Scotch mist, very cloudy, drizzle, calm.
T	12	1.94	49.2	98	S.W.	1	10	0.002	29.249	47.7	97	S.W.	1	10	52.5	45.0	96.8	42.0	Drizzle, very cloudy, fair, overcast.
F	13	1.58	50.5	95	S.W.	1	1	0.017	29.017	49.0	84	S.	2	4	53.5	45.0	96.8	42.0	Heavy dew, extremely fine, cloudy.
S	14	29.905	46.2	93	S.W.	2	4	0.235	29.824	47.0	89	S.W.	1	10	50.1	42.0	91.3	35.0	Dew, fine, overcast, showers.
S	15	6.56	48.2	99	S.W.	1	10	0.480	29.534	50.3	97	S.W.	2	10	50.3	45.3	93.0	43.0	Rain, gloomy, showers, mild.
M	16	3.43	48.8	99	S.W.	2	10	0.365	29.261	49.4	100	W.	0	10	54.0	47.4	92.0	47.2	Rain, very cloudy, squally night.
T	17	4.66	48.1	91	W.	1	10	0.240	29.477	42.9	98	W.	0	10	49.6	41.4	75.0	41.2	Rain, gloomy, showers, fine night.
W	18	7.07	43.4	70	N.W.	1	7	0.080	29.856	40.0	76	N.E.	5	0	50.4	37.4	100.0	30.2	Extremely fine, calm, hoar frost.
Th	19	8.03	41.0	84	N.E.	1	7	0.080	29.856	42.4	75	N.E.	5	0	45.0	32.8	82.0	32.0	Hoar frost, cloudy, fair, windy night.
F	20	5.18	38.4	92	N.E.	5	16	0.170	29.860	41.0	75	S.	6	9	42.9	36.1	70.0	35.9	Squally, rain, gloomy, cold wind.
S	21	30.174	40.6	72	E.	2	3	0.120	30.140	38.0	75	S.	6	9	46.1	36.1	95.0	31.2	Hoar frost, extremely fine, cloudy.
D	22	39.965	43.0	88	S.	3	10	0.575	29.013	45.0	95	S.	3	9	52.0	42.2	92.0	37.3	Squally, rain, gloomy, fine night.
S	23	30.132	46.0	92	S.	3	6	0.009	29.009	48.1	80	S.W.	3	9	53.8	44.0	105.0	38.0	Shower, very fine, cloudy, fair.
T	24	29.852	48.2	73	S.E.	1	10	0.200	29.812	49.1	86	S.W.	2	7	53.8	44.0	95.0	38.1	Dew, extremely fine, cloudy, l. halo.
T	25	9.78	48.5	97	N.W.	2	1	0.055	30.225	44.4	96	S.	2	0	54.1	44.4	95.0	38.1	Fog, rain, very fine, dew, calm.
T	26	30.196	45.3	92	S.E.	2	6	0.180	30.061	48.0	90	S.	2	10	51.0	43.2	90.7	39.0	Dew, very cloudy, fair, showers.
F	27	29.907	48.2	94	S.	2	9	0.135	29.953	48.0	86	S.W.	2	7	53.8	45.8	165.5	43.3	Rain, fair, showers, very cloudy.
S	28	9.17	47.5	97	S.W.	2	10	0.004	30.121	47.0	97	S.W.	0	10	50.0	45.4	75.9	41.3	Rain, overcast, fair, dew, calm.
Highest		30.269	51.7	99	E &c.	5	10	0.575	12th 9a.	50.3	100	W &c.	6	10	55.8	47.4	108.5	47.2	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.
Lowest		29.152	38.4	70	entries	1	0	0.004	16th 5p.	38.0	75	entries	0	0	42.4	35.9	65.0	30.2	
Means		29.813	46.0	88.4	9	2.2	7.2	3.904	29.835	45.6	89.3	40	2.1	6.3	50.1	42.3	86.3	38.5	

REMARKS.—Extraordinary absence of cold winds; more fine days than usual; rainiest February on record except that of 1879. Barometer: mean 29.824 i.e. 0.200 too low; very unsteady; range, 1.117, or 0.263 too low. Temperature: range 19.9, or 2.3 too low; mean, 46.27 or 2.1 too high; for the 21st, the elements of temperature were too high; the mean was too high on 22 days; for the 27th, the warmest day, it was 50.8 i.e. 6.7 too high; for the 31st, the coldest day, it was 39.4 i.e. 4.7 too low; owing to the breaking of the Thermometer the solar maximum between the 14th and 26th were obtained by estimation only. Rainfall, maximum 0.575, which fell in about 7 hours on the 22nd—23rd. Amount for the month, 1.052 (i.e. 37 per cent.) too high. Mean temperature of sea near shore a.m., 44.8, i.e. 0.7 too high. Bright sunshine: total record 75 33 hours, or 27 per cent. of the possible amount, and 23.44 hours less than the mean of the last five years. Full record on no-day; no record on five days. The brightest hour was from 10 to 11 a.m. with a total of 1.65 out of 28 hours; the brightest week was that ending the 24th, with 30.50 hours; the gloomiest that ending the 17th with 10.20 hours. Wyneck on the 26th. The ten years 1875—1884 show that in February temperature ranges from 39.2 to 57.3 the mean being 44.1; the rainfall is 2.882 in. falling on 21 days; hail or snow-falls on 4 days; 4 days are very fine. The mean temperature of the three winter months was 43.6, or 0.2 too high; we have had 8 frosts instead of 10, and 22 on the grass instead of 27, with a rainfall of 12.624 in., or 29 per cent. too high.

COCA is at once warming, comfortable and sustaining, enabling one to wait for a late breakfast with equanimity.

From the late Sir W. F. Feant Surgeon to Her Majesty, 16, George-st.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING MARCH, 1885.
BY J. E. VIBERT, M.A.

Days of Week.	Days of Month.	At 9 a.m. Local Time.				At 9 p.m. Local Time.				S. R. Thermometers reset at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.				
		Barometer reduced to 32° and S. F.	Dry Bulb.	Humidity 0-100	Wind.	Force, 0-12.	Cloud, 0-10.	Amount of rain in inches.	Barometer reduced to 32° and S. F.	Dry Bulb.	Humidity 0-100	Wind.	Force, 0-12.		Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.
OS	1	ins.	44.0	98	E.	3	10		ins.	44.0	87	E.	3	9	47.3	43.5	70.5	41.1
M	2	30.119	43.0	90	S.E.	2	10	0.050	29.951	45.1	89	S.E.	2	9	45.6	41.6	81.0	40.1
T	3	29.657	43.3	92	S.E.	3	10	0.485	29.951	48.2	89	S.W.	2	9	49.7	43.7	58.3	42.0
W	4	30.570	50.2	92	S.W.	2	2	0.095	30.570	47.0	97	S.W.	2	10	55.0	44.4	104.4	41.0
T	5	30.676	48.3	93	S.W.	1	9	0.060	30.676	47.7	91	N.W.	1	10	52.7	44.3	108.7	41.7
F	6	30.282	41.1	84	N.	3	10		30.282	38.8	85	N.W.	0	0	47.8	37.0	59.8	31.1
S	7	30.920	45.3	77	E.	2	1	0.045	30.920	44.2	75	N.E.	3	10	47.5	37.6	101.6	32.0
CS	8	30.863	43.0	92	N.E.	1	9	0.135	30.863	43.3	93	N.E.	2	10	49.0	40.0	91.9	38.0
M	9	30.822	43.5	65	N.E.	5	9	0.038	30.822	40.0	76	N.E.	3	9	46.2	39.0	100.8	36.1
T	10	30.269	41.1	68	N.E.	3	8	0.038	30.269	40.0	63	N.E.	6	10	45.2	36.1	103.4	36.7
W	11	30.392	40.2	61	N.E.	4	0		30.392	46.0	73	N.W.	5	2	42.9	35.1	102.2	32.0
T	12	30.399	45.2	66	N.E.	3	2		30.399	43.5	80	N.E.	6	8	47.7	38.3	103.6	35.5
F	13	30.347	45.0	66	N.E.	5	1		30.347	42.4	86	N.E.	4	0	47.8	40.0	104.8	36.5
S	14	30.493	43.3	76	N.E.	4	8		30.493	41.6	80	N.E.	3	0	46.8	39.6	100.5	36.8
S	15	30.513	45.1	77	N.E.	2	0		30.513	41.7	86	N.E.	2	1	50.7	36.1	108.6	30.3
M	16	30.523	48.6	69	N.E.	1	0	0.035	30.523	40.7	88	N.E.	2	4	54.3	36.7	106.7	29.8
T	17	30.312	46.5	77	N.W.	1	2	0.035	30.312	43.0	88	N.W.	2	4	51.3	39.0	108.5	37.7
W	18	29.784	45.4	83	N.W.	1	8	0.150	29.740	40.0	92	N.	2	10	48.1	35.2	66.1	29.0
T	19	30.079	43.6	68	N.E.	3	8		30.188	36.5	71	N.E.	1	0	44.7	35.0	105.3	31.6
F	20	30.070	43.4	77	N.W.	2	10		30.188	47.2	98	N.W.	2	10	48.1	35.2	66.1	29.0
S	21	30.802	50.0	63	N.W.	2	5	0.280	30.037	45.5	83	N.W.	1	10	53.8	40.0	110.2	34.0
M	22	30.311	44.0	65	N.W.	3	9	0.235	30.037	40.0	96	N.E.	3	10	46.6	36.8	105.5	36.4
T	23	30.308	49.8	78	N.E.	3	2	0.002	30.037	40.8	65	N.E.	2	10	46.0	36.8	104.6	36.2
W	24	30.319	40.4	67	N.E.	6	10		30.319	38.7	79	N.E.	1	10	44.8	37.4	89.1	35.1
T	25	30.319	40.4	67	N.E.	1	9	0.165	30.319	38.7	79	N.E.	0	6	45.6	35.2	102.4	30.0
W	26	30.319	40.4	67	N.E.	2	9		30.319	44.0	98	S.W.	3	10	46.8	36.0	97.9	29.4
F	27	30.319	40.4	67	N.W.	2	7		30.319	44.1	69	N.W.	2	0	51.1	42.7	110.3	38.7
S	28	30.319	40.4	67	N.E.	2	0		30.319	44.1	69	N.W.	0	4	5.0	38.0	107.8	31.9
S	29	30.319	40.4	67	N.E.	2	10		30.319	44.1	69	N.W.	2	10	48.8	37.8	85.9	33.1
OS	30	30.319	40.4	67	N.E.	1	5		30.319	44.1	65	N.E.	1	0	56.5	42.3	112.2	38.0
T	31	30.319	40.4	67	N.E.	2	2		30.319	43.0	84	N.	2	4	53.9	40.9	108.5	35.0
Highest		30.525	50.2	98	E & S	5	10	0.485	14th 9p	48.2	99	W & S	6	10	56.5	44.4	112.2	42.0
Lowest		29.180	39.8	57	entries	0	0	0.002	6th 6a.	36.5	63	entries	0	0	42.9	35.0	58.3	29.0
Means		30.104	44.9	75.2	48	2.3	6.0	1.770	30.108	42.5	83.0	10	2.2	6.3	48.8	38.9	97.7	35.1

N.B.—The necessary corrections for “index error” have been applied to the instrumental readings.

REMARKS.—Coldest March recorded except that of 1875 and of 1883; on the whole fine and seasonable. Barometer: mean 30.106 i.e. 0.097 too high; range, 1.345, or 0.070 too high; no extreme readings. Temperature: range only 21.5, or 4.9 too low; the least yet registered for March; mean, 43.9, or 1.3 too low; the mean was too low on 22 days; for the 4th, the warmest day, it was 49.7 i.e. 5.8 too high; for the 11th, the coldest day, it was 39.0 i.e. 5.9 too low; all the elements of shade temperature were too low. Rainfall, maximum 0.485, which fell in about 5 hours on the 3rd. Amount for the month, 0.426 too low, or 81 per cent. of the average. Mean temperature of sea near shore a.m., 45.1, i.e. 1.0 too low. Ten ground frosts; no hail. Bright sunshine: total record 160.13 hours, or 43 per cent. of the possible amount, and 3.01 hours less than the mean of the last five years. Full record on six days; n. record on three days. The brightest hour was from 10 to 11 a.m. with a total of 18.34 out of 31 hours; the brightest week was that ending the 17th, with 61.50 hours; the gloomiest that ending the 7th with 17.63 hours. The ten years 1875—1884 show that in March temperature ranges, from 26.4 to 64.3, the mean being 45.2; the rainfall is 2.199 in. falling on 18 days; hail or snow falls on 5 days, 6 days are very fine.

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REMARKS.—Coldest May but two for the last ten years, unusual humidity, few very fine days. Barometer: mean 29.915 i.e. 0.138 too low; range, 1.130 i.e. 0.926 too great; extraordinary fluctuations on the morning of the 22nd. Temperature: range 35.3, or 6.8 too high; mean: 51.8, or 1.7 too low, and 3.4 colder than last year; the mean was too low on 24 days; for the 27th, the warmest day, it was 61.4 i.e. 5.2 too high; for the 8th, the coldest day, it was 46.2 i.e. 6.0 too low; all the elements of temperature were below the average. Rainfall, maximum 0.570, which fell in about 11 hours on the 3rd—4th; rain fell on 18 days instead of 13. Amount for the month nearly 25 per cent. too high. Mean temperature of sea near shore a.m., 51.9 i.e. 0.8 too low. Hawthorn in flower on the 4th. Bright sunshine: total record 244.50 hours, or 52 per cent. of the possible amount, and 22.03 hours less than the mean of the last five years. Full record on no day, no record on one day; brightest hour 11 a.m. to noon, with a total record of 24.45 out of 31 hours; brightest week that ending the 11th, with 74.80 hours; gloomiest week that ending the 31st, with 30.10 hours. Much damage was done to fruit trees and to vegetation generally by heavy squalls on the early morning of the 22nd. Amount of cloud nearly 28 per cent. too high. The ten years 1875—1884 show that May is our brightest and driest month; temperature ranges from 36.2 to 76.1, the mean being 53.5; the rainfall is 1.555 inches, falling on 13 days; we expect hail on one day and ground frost on one day, 10 days are very fine. The mean temperature of the three spring months was 48.2, or 1.0 too low; we have had 14 frosts on the grass instead of 11, and a rainfall of 6,780 inches or about 2 per cent. too low.

without some compensating concession to the *and Dramatic Arts*.—
adjustable screw propellers are provided.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JUNE 1885.

satisfaction at the insolvency of evidence, a British alliance, for they imagine the matter supply was procurable with a little trouble?— returned a verdict of accidental death. will now be definitely settled as to whether we *Lancet*.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JULY 1885.
BY J. E. VIBERT, M.A.

Days of Week.	Days of Month.	At 9 a.m. Local Time.				At 9 p.m. Local Time.				S.R. Thermometers read at 9 p.m. daily.	Lat. 49° 11' 20" N., Long. 2° 9' 43" W.	Height of Barometer elstern above mean sea level, 125 feet.	Height of Thermometers above ground, 4 feet.	Height of Rain Gauge above ground, 1 foot.			
		Barometer reduced to 32° S. T.	Dry Bulb.	Humidity 0-100	Direction.	Force, 0-12.	Cloud, 0-10.	Amount of rain in inches.	Barometer reduced to 32° S. T.						Dry Bulb.	Humidity 0-100	Direction.
W	1	30.190	62.0	62	N.E.	1	0		ins.	30.239	55.5	83	N.E.	2	0		Clouds, fair, extremely fine.
T	2	30.286	61.9	68	N.E.	1	2		.221	55.3	78	69	N.	2	0		Clouds, extremely fine day.
F	3	29.9	67.8	57	N.E.	1	1		.211	56.8	69	70.8	N.	2	7		Very dry, extremely fine, s. halo, cloudy.
S	4	29.4	68.0	63	N.W.	2	4		.323	66.5	94	70.8	N.	0	7		Clouds, extremely fine, dew.
S	5	31.2	68.8	70	N.W.	0	9		.332	66.2	93	67.8	N.W.	0	7		Dews, s. halo, very fine, fog, clouds.
M	6	37.2	60.0	76	N.W.	0	10		.360	64.5	96	64.8	N.W.	0	10		Gloomy, fair, Scotch mist, calm.
T	7	36.6	61.8	76	S.	2	8		.208	67.0	87	65.2	N.W.	0	0		Cloudy, very fine and bright, calm.
W	8	37.0	59.5	90	S.	2	10	0.067	.287	55.0	91	64.2	N.W.	2	0		Drizzle, Scotch mist, showers, fine, dew
T	9	38.0	65.0	51	N.E.	2	1		.263	55.0	75	63.9	N.W.	2	0		Cloudy, extremely fine and bright.
F	10	26.3	67.0	60	N.E.	2	2		.180	62.5	61	65.4	N.W.	1	2		Dew, extremely fine and bright.
S	11	12.6	67.2	65	W.	2	3	.012	.151	58.7	89	65.4	N.W.	2	0		Extremely fine, dry, warm, mirage, S.F., p.m.
S	12	17.3	68.9	85	N.W.	0	10		.182	55.0	87	65.4	N.W.	2	0		Clouds, extremely fine, dew, calm.
M	13	16.7	68.3	62	N.W.	2	4		.180	53.8	83	68.8	N.W.	0	8		Shower, gloomy, cloudy, very fine.
T	14	24.4	63.6	59	N.W.	1	1		.270	55.0	81	69.9	N.W.	1	4		Very fine, cloudy, dew, calm.
W	15	31.4	63.9	53	N.W.	1	1		.291	56.1	84	68.8	N.W.	1	4		Dew, extremely fine, clouds.
T	16	17.9	61.2	78	S.W.	2	9		.157	56.2	85	66.9	N.W.	1	7		Fine, very cloudy, fair, calm.
F	17	15.0	65.0	52	W.	2	5		.147	56.0	89	68.3	N.W.	0	5		Cloudy, drizzle, fair, fine.
S	18	10.8	64.0	75	S.W.	1	4	.024	.047	60.5	85	67.2	S.W.	1	9		Cloudy, extremely fine, dew, calm.
S	19	6.32	61.0	88	N.W.	2	10	.007	.045	61.0	97	65.0	S.W.	2	9		Drizzle, clouds, very fine p.m.
M	20	6.96	62.2	93	S.W.	2	10	.005	.269	58.0	96	68.8	S.W.	0	10		Shower, gloomy, drizzle, fair.
T	21	33.0	64.3	90	S.W.	6	9		.385	62.2	93	71.8	N.E.	0	1		Gloomy, very cloudy, fair, fog, t.
W	22	26.6	71.3	68	N.E.	1	1		.389	62.0	76	71.8	N.E.	2	0		Drizzle, cloudy, very fine, calm.
T	23	31.2	67.3	76	N.E.	2	1		.255	60.9	72	71.1	N.E.	1	3		Hot, breeze, extremely fine.
F	24	31	67.0	78	N.E.	2	3		.261	60.4	86	71.8	N.E.	2	0		Dew, clouds, breeze, extremely fine.
S	25	32.1	71.0	73	N.E.	2	1		.332	65.3	72	77.8	N.E.	2	0		Dew, s. halo, extremely fine, clear.
S	26	35.7	77.0	63	N.E.	0	0		.292	70.0	69	83.2	N.E.	0	0		Dew, hot, perfect summer day.
O	27	26.6	76.6	73	N.E.	2	0		.191	69.0	78	80.0	N.E.	3	0		Very hot, very dry, extremely fine.
T	28	29.3	63.0	84	N.E.	3	10		.190	60.2	88	80.0	N.E.	3	0		Hot, extremely fine, breeze.
W	29	29.2	64.0	69	N.E.	3	3		.189	59.5	73	80.0	N.E.	3	0		Overcast, breeze, fine, clear.
T	30	19.7	65.0	65	N.E.	3	2		.171	59.5	86	80.0	N.E.	2	0		Breeze, very fine, clear.
F	31	16.9	65.0	67	N.E.	3	2		.114	58.8	83	80.0	N.E.	2	2		Breeze, extremely fine, clouds.
Highest		30.385	77.0	93	E & S	3	10	0.067	70.0	97	97	W & S	3	10		Breeze, extremely fine, clouds.	
Lowest		30.032	58.9	51	entries	0	0	.005	53.8	61	61	entries	0	0			
Means		30.229	65.2	70.7	38	1.6	4.6	0.111	58.8	83.2	83.2	10	1.3	3.2			

REMARKS.—The driest month known except June 1870; sunniest on record; persistent N.E. winds. Barometer: mean 30.227, i.e., 0.182 too high and the highest recorded for July; range, 0.353, the lowest known. Temperature: range, 53.2, or 4.2 too high; the days were warmer, the nights colder than usual; the mean was too high on 14 days; for the 27th, the warmest day, it was 72.5, i.e., 10.5 too high; for the coldest day, it was 58.0, i.e., 3.4 too low; the mean of the gross minima, viz., 61.0, was the lowest known for July. Rainfall, maximum, 0.067, which fell in about three hours on the 8th. Total for the month, less than 5 per cent. of the average. Mean temperature of sea near shore a.m. 60.0; i.e., 0.6 too low. Entries of easterly winds, 73 per cent. \$0 high. Bright sunshine: total record, 288.82 hours, or 60 per cent. of the possible amount, and 58.29 hours more than the mean of the last five years; no day was sunless, full record on 5 days; brightest hour, 4 to 6 p.m., with a total of 24.87 out of 31 hours; this gives 80 per cent. of the possible amount, and is the sunniest hour yet recorded for any month; brightest week (the brightest since May 1882) that ending the 30th with 87.40 hours; gloomiest that ending the 21st with 36.07 hours. The ten years 1875 to 1884 show that in July temperature ranges from 45.5 to 87.7, the mean being 63.1; the rainfall is 2.650 inches, falling on 17 days; we expect seven very fine days. This year we have had 17 very fine days in July, and rain on five days only. The barometer did not fall below 39 inches throughout the month, a fact hitherto unrecorded. Wheat harvest on the 29th. Amount of cloud, 5.9 per cent. of average. Rainfall for seven months ending July 31st, 85 per cent. of average, and for the two months, June and July, only 26 per cent.

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OF

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING AUGUST 1885

BY J. E. VIBERT, M.A.

Days of Week.	At 9 a.m. Local Time.				At 9 p.m. Local Time.				S.B. Thermometers reset at 9 p.m. daily.				Lat. 49° 11' 20' N., Long. 2° 9' 43' W.	Height of Barometer at sea level, 125 feet.	Height of Thermometers above ground, 4 feet.	Height of Rain Gauge above ground, 1 foot.			
	Barometer reduced to 32° in inches.	Dry Bulb.	Humidity 0-100.	Wind.	Cloud, 0-10.	Amount of rain in inches.	Barometer reduced to 32° in inches.	Dry Bulb.	Humidity 0-100.	Wind.	Cloud, 0-10.	Max. in shade.					Min. in shade.	Max. in sun.	Min. on grass.
S 1	30.068	63.2	71	N.E.	2		30.071	60.6	79	N.E.	2	0	68.2	56.2	134.4	54.0	Cloudy, extremely fine, fine night.		
S 2	30.045	64.7	60	N.E.	3		30.070	57.2	80	N.E.	1	2	66.9	57.2	133.8	53.1	Cloudy, extremely fine, bright night.		
M 3	30.067	64.5	65	N.E.	2		30.045	55.8	83	N.E.	0	0	68.2	55.2	127.0	50.2	Dew, clouds, extremely fine, calm.		
T 4	29.982	62.5	69	N.E.	6		29.988	52.2	81	N.E.	0	1	69.2	52.2	133.1	45.3	Dew, clouds, dry, extremely fine, clear.		
W 5	29.998	62.2	66	S.W.	2		30.007	59.8	61	S.E.	0	8	67.5	49.3	124.7	42.8	Fine, heavy showers, fair, lightning.		
T 6	30.007	65.2	65	S.E.	2	0.162	29.896	58.0	82	W.	0	8	69.4	55.2	128.7	49.0	Showers, cloudy, breeze, fine.		
F 7	30.001	62.8	78	S.W.	3	0.028	30.001	58.5	90	W.	2	9	66.7	56.0	128.0	53.0	Breeze, cloudy, fine, fair.		
S 8	30.083	62.8	75	S.W.	3		30.001	58.0	75	S.W.	2	0	72.9	57.1	125.0	52.8	Cloudy, extremely fine, breeze, clear.		
M 9	30.041	63.0	72	S.	2		29.858	64.0	72	S.W.	2	0	69.0	59.0	122.6	55.8	Drizzle, overcast, fair, very fine.		
T 10	29.788	62.3	92	S.W.	2	0.004	30.016	57.7	80	W.	1	8	68.7	57.0	129.0	54.0	Dew, clouds, extremely fine, shower.		
W 11	30.020	62.8	73	W.	3		30.016	57.5	94	W.	3	5	70.5	56.2	132.0	52.8	Fair, cloudy, showers, fine.		
T 12	30.064	63.7	68	S.W.	4		30.316	50.7	80	W.	0	0	66.8	50.7	129.0	48.4	Dry, extremely fine, cold evening.		
F 13	30.156	64.0	54	N.W.	2		30.316	50.7	80	E.	2	2	68.9	50.0	134.0	43.0	Cloudy at times, extremely fine.		
S 14	30.132	61.2	62	E.	2		30.268	59.5	77	N.E.	1	1	73.2	54.2	133.2	51.0	Clouds, very dry, extremely fine.		
M 15	30.173	63.0	56	N.E.	1		30.268	59.5	77	N.E.	1	0	77.8	56.0	133.0	51.0	Very dry, extremely fine.		
T 16	30.251	70.4	55	N.E.	1		30.268	60.2	66	N.W.	0	0	73.2	55.1	127.8	50.2	Dew, clouds, a. halo, extremely fine, dry.		
F 17	30.211	68.9	60	N.E.	3		30.172	60.7	70	N.W.	0	0	71.7	59.0	135.2	56.9	Extremely fine, clouds, calm, dew.		
S 18	30.135	60.2	62	N.E.	3		30.138	60.2	83	N.E.	2	0	64.1	54.0	122.8	53.1	Cool, clouds, extremely fine, calm.		
M 19	30.062	60.2	70	N.E.	3		30.076	54.4	73	N.	1	4	63.8	52.0	118.9	45.1	Dew, cool, fine, cloudy.		
T 20	30.002	60.2	64	N.E.	3		29.990	56.8	77	N.	1	4	63.2	53.7	126.5	48.4	Dew, cool, bright, extremely fine.		
F 21	29.967	59.8	68	N.E.	1		30.238	58.3	80	N.E.	0	2	65.1	53.6	128.9	47.1	Dew, extremely fine, calm, clouds.		
S 22	29.923	62.3	66	N.E.	1		30.200	59.0	89	N.E.	0	0	69.0	55.2	128.3	50.1	Dew, calm, extremely fine.		
M 23	30.047	63.2	86	N.W.	1		30.004	57.2	90	N.E.	0	0	71.2	55.1	126.7	49.8	Dew, calm, extremely fine.		
T 24	30.047	63.2	86	N.W.	1		30.029	60.3	85	N.E.	3	5	75.0	57.9	132.8	56.2	Very cloudy, a. halo, fine, breeze.		
F 25	29.921	66.3	67	N.E.	1	0.030	29.941	62.7	79	N.E.	0	6	71.0	59.3	132.8	56.2	Very cloudy, fair, gloomy, showers, t.		
M 26	29.916	63.8	91	N.E.	1		30.117	61.0	96	N.E.	0	6	70.7	59.6	132.1	55.2	Very cloudy, fine, a. halo, gloomy breeze.		
T 27	30.064	61.0	99	N.E.	4	0.040	30.117	59.3	91	N.E.	5	7	61.0	58.2	115.9	54.0	Rain, sunless, cloudy, strong breeze.		
F 28	30.016	57.8	82	N.E.	6	0.140	30.117	59.3	91	N.E.	3	1	63.6	57.0	129.4	53.2	Strong breeze, cloudy, fair, fine.		
S 29	30.016	57.8	82	N.E.	6		30.117	57.0	75	N.E.	3	1	63.2	54.1	129.4	53.2	Breeze, cloudy, very fine, calm.		
M 30	30.052	56.8	87	S.E.	3	0.050	30.117	59.0	98	N.E.	0	10	61.0	53.8	105.2	52.5	Gloomy, rain, very cloudy, fair.		
Highest	30.326	70.4	99	E & S.	6	0.535	14th 9a	64.0	9	W & S.	5	10	77.8	59.6	135.2	58.0	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.		
Lowest	29.694	56.8	50	entries	0	0.066	28th 9a	50.7	61	entries	0	0	61.0	49.3	93.3	42.8			
Means	30.017	62.9	69.8	33	1.9	5.2	1.035	30.060	58.5	80.5	13	12	68.3	55.3	127.1	51.4			

REMARKS.—Driest August known, except that of 1869; unusually fine and bright up to the 24th. Barometer: mean, 30.039, i.e., 0.027 too high; range, 0.636, or 0.150 too low; no extreme readings. Temperature: range, 28.5, or 1.1 too great; mean, 61.8, or 1.6 too low, and 8.7 lower than August 1884; the mean was too low on 23 days; for the 16th, the warmest day, it was 66.9, i.e., 3.7 too high; for the 31st, the coldest day, it was 57.4, i.e., 3.8 too low; solar maxima the highest grass minima the lowest ever registered for the month. Rainfall: maximum, 0.535, which fell in about six hours on the 31st; amount for the month, only 46 per cent. of the average, being 1.216 in. too low. Mean temperature of sea near shore a.m., 61.9, i.e., 1.2 too low. Bright sunshine: total record, 263.49 hours, or 60 per cent. of the possible amount, and 38.29 hours more than the mean of the last five years; full record on no day, no record on one day, brightest hour, 3 to 4 p.m., with a total of 24.75 out of 31 hours; brightest week, that ending the 19th, with 81.82 hours; gloomiest, that ending the 31st, with 27.60 hours. The month ending August 21st was relatively the sunniest yet recorded, with a total of 82.89 hours, or 71 per cent. of the possible amount. The sunshine for the three summer months averages 48 per cent. of the possible amount; this year we have had nearly 65 per cent., or 86.39 hours more than usual. The summer has been one of the driest ever known, and is the driest recorded since 1869, the total rainfall being less than 83 per cent. of the average. For the three months ending August 25th the total rainfall was 1.663 in., or less than one-fourth of the average. During the ninety-two days, from June 1st to August 31st, we expect 23 very fine days, and 6.58 inches of rain falling on 50 days in 164.9 hours: this year we have had 43 very fine days (i.e., six more than the maximum on record), and 2.167 inches of rain falling on 26 days in 44.8 hours. The summer has therefore been quite exceptional in many respects. The ten years, 1875 to 1884, show that in August temperature ranges from 50.0 to 86.3, the mean being 68.4; the rainfall is 2.261 inches, falling on 47 days; we expect 7 very fine days, June and July this year were warmer than usual; the mean temperature of the summer months was 61.6, the average being 61.4.

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METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING OCTOBER 1885. BY J. E. VIBERT, M.A.

Days of Week.		At 9 a.m. Local Time.				At 9 p.m. Local Time.				S.R. Thermometers reset at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.		Height of Barometer cistern above mean sea level, 125 feet.	Height of Thermometers above ground, 4 feet.	Height of Rain Gauge above ground, 1 foot.	
Days of Month.		Barometer reduced to 32° and inches.	Dry Bulb.	Humidity 0-100	Wind.	Force, 0-12.	Cloud, 0-10.	Amount of rain inches.	Barometer reduced to 32° and inches.	Dry Bulb.	Humidity 0-100	Wind.	Force, 0-12.	Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on Grass.	
C	T	29.788	55.0	70	W.	5	9	0.090	ins.	53.0	74	W.	2	5	58.8	46.0	111.5	40.2	Hail, heavy showers, fair, cloudy.
J	2	30.191	55.2	91	S.W.	3	10	.030	30.1.8	56.8	78	S.W.	6	5	58.2	50.0	80.5	45.5	-showers, very gloomy, squally night.
S	3	30.000	58.3	74	N.W.	1	9	.040	.094	60.3	79		0	2	61.0	50.3	117.3	40.0	Overcast, cloudy, fine, calm, dew.
S	4	29.908	54.0	79	S.W.	0	10	.200	29.981	53.6	83	S.W.	5	10	61.7	49.0	115.5	39.0	Calm, shower very cloudy, squally.
M	5	29.908	56.3	91	S.W.	4	9	.370	29.819	57.0	87	S.W.	5	10	57.2	53.0	80.5	50.0	Heavy showers, gloomy, squally.
W	6	29.955	58.5	78	S.W.	3	7	.170	.884	56.0	93	W.	7	10	60.2	52.4	108.5	50.0	Rain, fair, gloomy, rough night.
W	7	29.877	55.2	68	N.	2	4	.080	30.108	48.0	79		0	1	58.3	48.0	122.4	36.5	Rain, extremely fine, dew, calm.
●	8	29.928	52.2	79	S.W.	5	10	.280	29.618	54.3	86	W.	4	10	58.0	45.2	73.8	37.0	Gloomy, showers, squally, hail.
F	9	29.949	51.6	88	N.W.	3	16	.240	.566	53.0	78	S.W.	4	7	59.0	46.5	112.3	30.0	Rain, fair, showers, rough night.
S	10	29.927	54.2	75	W.	2	7	.210	.437	51.0	69	N.W.	3	4	57.1	47.1	107.4	44.0	Squally, showers, gloomy, rain, fair.
S	11	29.616	46.6	93	N.	3	9	.165	.768	45.0	85	N.	2	9	51.7	45.0	103.2	36.1	Showers, fair, very cloudy, lightning.
M	12	29.735	41.8	79	N.E.	1	6	.037	.817	49.8	63	N.E.	2	3	50.8	42.0	115.1	34.2	Showers, cloudy, cold, fair, lightning.
T	13	29.967	46.8	69	N.E.	3	9	.240	.979	45.8	87		0	8	51.4	45.1	105.3	42.3	Very cloudy, fair, showers, hail, calm.
W	14	29.938	50.0	80		0	8	.602	.985	46.2	85		0	1	54.9	43.1	100.6	38.5	Heavy showers, very cloudy, calm, fine.
T	15	30.064	54.3	67	F.	2	1	.104	.884	53.8	71	N.E.	4	10	55.2	44.0	112.5	37.1	Dew, extremely fine, showers, rough night.
●	16	29.876	50.0	80	S.E.	7	9	.301	30.112	51.0	82	S.E.	3	1	55.0	48.0	110.2	46.2	Gale, squally, very cloudy, fine.
S	17	30.198	56.1	74	S.E.	1	2	.202	49.2	49.2	91		0	0	59.0	48.5	111.8	43.0	Dews, clear, perfect weather, calm.
S	18	30.194	56.8	75	E.	1	0	.146	50.1	50.4	92	N.E.	1	1	61.0	47.0	113.2	41.2	Dews, perfect weather, clear.
M	19	30.020	51.1	85	N.E.	3	5	.296	29.963	50.4	71	N.E.	3	10	55.1	47.3	105.5	44.0	Dew, very fine, cloudy, overcast.
T	20	29.881	49.0	79	N.	2	9	.018	30.035	45.0	77		0	10	50.8	44.8	57.5	42.0	Very cloudy, gloomy, fair, overcast.
W	21	29.881	49.0	89	S.W.	3	10	.550	29.533	50.0	95	B.	3	9	50.0	44.4	65.3	43.0	Showers, gloomy, squally, rain.
T	22	29.525	55.3	81	N.	1	2	.133	.336	50.0	94		0	10	61.1	45.5	120.3	38.1	Rain, very fine, gloomy, showers.
●	23	30.400	52.0	89	S.W.	3	8	.372	.586	50.2	82	S.W.	2	7	57.0	48.6	100.2	42.9	Showers, fair, gloomy, squally night.
S	24	30.418	49.4	84		0	8	.665	.688	49.0	78	N.W.	2	8	54.0	46.0	102.4	45.5	Heavy showers, gloomy, fair, fine night.
S	25	30.478	47.8	87	W.	3	10	.550	.635	52.7	88	S.W.	3	10	56.5	42.0	111.0	34.4	Dew, showers, fine, clear, wet night.
M	26	30.457	54.7	95	W.	4	6	.070	.766	48.4	80	W.	3	4	57.0	45.2	110.0	41.7	Rain, gloomy, showers, fair, wet night.
T	27	30.554	56.1	65	W.	3	4	.780	.780	48.2	72	W.	3	7	53.9	44.5	108.5	41.0	Squally, fine, hail, clear, showers.
W	28	30.741	51.8	70	N.W.	3	6	.070	.780	48.2	72	W.	3	7	53.9	44.5	108.5	41.0	Showers, hail, squally, fair, t.l.
T	29	30.910	53.0	69	N.W.	3	4	.070	30.082	46.7	81	N.	1	2	55.3	44.0	110.3	38.9	Showers, extremely fine, clear, dew.
●	30	30.032	45.5	91	S.W.	2	10	1.002	29.652	61.0	100	S.	2	10	51.0	44.0	51.0	38.3	Gloomy, rain all day, calm, wet night.
S	31	29.622	47.0	56	W.	2	8	0.278	.627	45.1	87	N.W.	3	9	54.0	44.8	103.5	43.0	Rain, fair, squally, heavy showers.
Highest		36.202	58.5	95	E & C	7	10	1.002	17th 9p	57.0	100	W & C	7	10	61.7	53.0	122.4	50.0	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.
Lowest		28.927	44.8	65	entries	0	0	0.030	10th 9a.	45.0	63	entries	0	0	50.0	42.0	51.0	34.2	
Means		29.835	52.2	82.0	24	2.5	7.5	5.683	29.860	50.4	84.9	27	2.6	7.1	56.4	46.6	101.0	41.4	

REMARKS.—The average number of very fine days, but weather generally unsettled, cold and rainy. Barometer: mean 29.847 i.e. 0.151 too low; range 1,275, or 0.052 too great; extremes the lowest recorded for October. Temperature: range only 19.7, the least yet observed, and 5.9 too low; mean 51.5 or 2.7 too low. The mean was too low on 26 days; for the 6th, the warmest day, it was 56.3 i.e. 0.5 too low. For the 12th, the coldest day, it was 46.4 i.e. 8.4 too low. All the elements of shade temperature were below the average. Rainfall, maximum 1.002, which fell in about 19 hours on the 30th, 31st; amount for the month 1.268 (or 29 per cent) too high. Mean, temperature of sea near shore a.m. 54.9 i.e. 2.2 too low. Hail on 5 days, lightning on three days. Bright sunshine: total record 110.11 hours, or 83 per cent, of the possible amount, and 14.93 less than the mean of the last five years; full record on three days; brightest hour 12-1 p.m., with a total of 14.86 out of 31 hours; brightest week that ending the 19th, with 41.98 hours; gloomiest that ending the 23th, with 11.30 hours. The ten years 1875-1884 show that in October, temperature ranges from 39.3 to 72.7, the mean being 64.2; the rainfall is 4.370 inches, falling on 24 days; falls on two days; five days are very fine.

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METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING NOVEMBER, 1885
BY J. E. VIBERT, M.A.

Days of Week.	Days of Month.	At 9 a.m. Local Time.				At 9 p.m. Local Time.				S. R. Thermometers read at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.				
		Barometer reduced to 32° and S. L.	Dry Bulb.	Humidity 0-100	Wind.	Amount of rain in inches.	Barometer reduced to 32° and S. L.	Dry Bulb.	Humidity 0-100	Wind.	Cloud, 0-10.	Max. in shade.	Min. in shade.		Max. in sun.	Min. on ground.		
S	1	29.938	46.5	76	N.	3	8	0.039	30.107	44.2	83	N.	1	0	49.7	43.7	100.5	36.3
M	2	30.233	50.1	92	S.	0	10	0.390	30.245	49.8	87	S.W.	3	10	53.0	42.6	64.0	35.0
T	3	30.197	51.2	85	S.	1	10	0.390	30.115	49.4	90	S.W.	3	10	52.1	48.4	67.1	45.0
W	4	29.977	51.2	99	S.W.	2	10	0.340	30.024	46.8	73	N.W.	1	2	52.0	44.6	72.8	38.1
T	5	30.363	49.0	92	S.W.	3	9	0.046	30.062	46.5	68	N.W.	3	10	54.7	45.7	103.0	39.7
F	6	30.268	50.2	80	S.W.	0	10	0.068	30.350	49.7	96	S.E.	1	10	51.7	45.0	63.0	57.5
S	7	30.369	47.2	98	S.E.	1	9	0.068	30.343	44.3	82	S.E.	1	0	52.2	43.6	87.5	37.4
M	8	30.321	42.4	89	E.	3	9	0.068	30.280	48.2	83	F.	2	10	48.2	40.0	78.0	35.3
T	9	30.279	46.2	92	N.E.	1	10	0.068	30.264	46.7	87	N.E.	2	10	48.8	44.2	62.1	42.6
W	10	29.740	47.1	92	E.	1	10	0.068	29.959	47.3	76	E.	3	10	48.0	45.8	63.5	44.4
T	11	29.294	46.0	79	E.	3	9	0.068	29.926	45.2	86	E.	3	10	48.1	43.8	58.7	42.0
F	12	29.215	42.2	96	F.	2	10	0.068	29.935	43.0	100	E.	0	10	45.9	40.5	50.7	40.5
S	13	29.055	44.1	99	N.E.	1	9	0.068	29.957	46.2	100	E.	0	10	49.7	40.3	97.3	39.0
M	14	29.854	45.0	99	N.E.	0	10	0.068	29.997	50.0	90	E.	0	9	53.5	43.5	83.4	43.3
T	15	30.052	46.0	70	N.E.	2	1	0.068	30.228	43.7	73	E.	4	0	50.0	42.2	102.5	38.8
W	16	30.060	41.0	69	E.	4	0	0.068	29.923	37.0	61	E.	7	0	43.8	36.2	98.7	35.0
T	17	29.819	34.0	71	N.E.	5	2	0.068	29.923	38.0	75	E.	4	10	39.8	31.0	95.3	29.7
W	18	29.819	40.0	87	N.E.	2	10	0.087	29.923	43.8	86	N.E.	2	3	43.8	37.0	53.0	36.1
F	19	29.780	45.7	90	N.E.	3	9	0.087	29.923	45.2	91	N.E.	2	3	43.8	37.0	62.0	41.5
T	20	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
S	21	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
M	22	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
T	23	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
W	24	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
T	25	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
W	26	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
F	27	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
S	28	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
M	29	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0
	30	29.835	45.0	89	N.E.	0	9	0.083	29.923	45.2	91	N.E.	2	3	52.8	42.2	90.4	39.0

Cloudy, fair, fine, clear night.	36.3
Dew, overcast, showers, calm.	35.0
Overcast, showers, wet night.	45.0
Rain, gloomy, fair, fine night.	38.1
Squally, showers, cloudy, fair.	39.7
Gloomy, drizzle, overcast, fair.	57.5
Very cloudy, fair, very fine p.m.	37.4
Dew, cold, fair, overcast.	35.3
Gloomy, sunless, fair.	42.6
Overcast, gloomy, sunless, fair.	44.4
Very cloudy, fair, fine night.	42.0
Gloomy, sunless, damp, fog, calm.	40.5
Fog, cloudy very fine, damp, fog.	39.0
Fog, camp, calm, fine, showers.	43.3
Clouds, extremely fine, windy night.	38.8
Cloudless, cold, easterly gale.	35.0
Frost, fine, cold wind, overcast.	29.7
Rain, gloomy, very cloudy, fair.	36.1
Gloomy, very cloudy, fine night.	41.5
Calm, very cloudy, foggy dew.	39.0
Gloomy, mild, very cloudy, fair.	43.0
Showers, gloomy, fair, mild.	46.0
Gloomy, drizzle, fair, mild.	43.5
Showers, overcast, very cloudy, fair, mild.	45.0
Rain, gloomy, heavy shower, very mild.	47.3
Rain, very mild, heavy showers squally night.	47.9
Squally, showers, fair, rough night.	46.0
Gale, heavy rain, gloomy, night fair.	47.1
Showers, gloomy, drizzle, very mild.	44.4
Gloomy, a tizzle, very mild, fair.	47.2

Highest	30.369	55.0	99	E & c	7	10	0.970	7th 9a.	55.2	100	W & c	7	10	56.6	51.0	103.0	47.9	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.
Lowest	29.287	34.0	69	entries	0	0	.005	25th 3p	37.0	61	entries	0	0	39.8	31.0	50.7	29.7	
Means	29.924	47.4	89.5	34	2.3	8.8	3.707	28.942	47.4	87.3	17	2.2	7.1	50.6	44.1	73.9	41.1	

REMARKS.—Cold and dry up to the 20th, wet and mild 21st to 30th; very gloomy and sunless. Barometer: mean, 29.933, i.e., 0.048 too low; range, 1.082, or 0.220 too low; no extremes. Temperature: range, mean daily 6.6, the least on record for November and 1.9 too low; extreme range, 25.6, or 1.5 too high; the record, 45.10 hours, or 16 per cent. of the possible amount and 28.95 hours less than the mean of the last five years; the six sunless days at the end of the month were the gloomiest since February 25th, 1881; full record on one day; no record on 16 days (i.e., more than twice the average); after the 17th sunshine was recorded on three days only, the total amount being 3.30 hours. The brightest week was that ending on the 17th with 28.95 hours; the gloomiest that ending on the 30th with 1.80 hours; brightest hour, 2 to 3 p.m., with 8.55 out of 30 hours. The rainfall of the month is peculiar in having occurred in 5 days less than usual, but having lasted 18.0 hours more than usual. Rain in November falls generally at the rate of 0.058 in. per hour; this year the rate was little more than 0.0345 per hour. The mean temperature of the three autumn months is 54.3; we expect 12.84 inches of rain, falling on 69 days during 218.8 hours, and 15 days are generally very fine. This year we had 18 very fine days, the mean temperature was 52.6 (i.e., 1.6 too low); the rain was 12.960 inches, falling on 65 days during 295.8 hours, i.e., 77.0 hours more than usual.

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METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING DECEMBER, 1885.

BY J. E. VIBERT, M.A.

Days of Week.	Days of Month.	At 9 a.m. Local Time.				At 9 p.m. Local Time.				S. R. Thermometers reset at 9 p.m. daily.			
		Hygrometer.		Wind.	Direction.	Hygrometer.		Wind.	Direction.	Max. in shade.		Min. in shade.	
		Dry Bulb.	Humidity 0-100			Dry Bulb.	Humidity 0-100			Max. in sun.	Min. on Grass.	Height of Barometer cistern above mean sea level, 125 feet.	
T	1	30.297	74	N.W.	2	30.444	90	0	0	43.8	36.8		
W	2	38.3	78	S.W.	2	26.5	87	0	0	51.4	35.5		
T	3	23.8	86	S.W.	7	0.098	92	4	4	43.4	39.7		
S	4	29.878	88	S.W.	1	0.130	64	3	2	51.5	79.0		
S	5	9.74	95	S.W.	4	0.600	95	8	8	43.2	42.2		
S	6	3.06	98	N.E.	1	0.105	98	2	9	43.8	52.5		
M	7	6.57	98	N.E.	2	0.002	82	7	7	45.2	54.2		
T	8	9.27	61	N.E.	6	0.070	72	3	2	41.0	49.5		
W	9	30.444	63	N.E.	2	0.372	38.5	0	0	37.2	74.4		
T	10	3.37	63	N.E.	3	0.547	35.0	0	2	38.8	89.2		
F	11	5.91	67	N.E.	1	0.645	36.8	0	10	34.1	87.8		
S	12	4.92	84	N.E.	4	0.443	38.5	0	10	33.0	86.0		
S	13	4.34	72	S.W.	3	0.431	43.1	2	10	40.0	86.0		
M	14	4.65	93	S.W.	0	0.494	44.5	0	10	44.0	89.5		
W	15	4.78	79	E.	5	0.506	42.2	0	10	48.0	84.0		
T	16	5.59	95	S.E.	1	0.594	40.0	0	10	43.8	44.5		
T	17	6.12	100	F.	0	0.556	45.2	0	10	45.4	49.8		
F	18	4.82	94	S.E.	3	0.362	42.0	4	10	47.0	49.0		
S	19	2.49	90	S.E.	10	0.004	41.2	3	9	46.8	41.8		
S	20	1.62	93	S.	2	0.015	46.8	3	9	45.5	53.3		
C	21	1.50	100	S.	0	0.038	45.5	2	10	49.2	61.7		
T	22	2.78	92	N.E.	8	0.434	47.5	2	8	48.7	89.5		
W	23	5.48	79	N.E.	2	0.561	40.2	0	10	47.0	81.6		
T	24	4.60	90	N.E.	3	0.464	37.1	1	10	44.7	80.2		
F	25	4.91	90	N.E.	0	0.521	43.0	0	7	45.4	50.0		
S	26	4.28	90	N.E.	0	0.519	42.7	0	10	51.2	90.6		
S	27	5.97	82	S.W.	3	0.519	42.7	3	10	49.0	69.9		
C	28	2.73	81	N.W.	5	0.173	29.885	8	10	40.0	36.1		
T	29	1.30	87	N.W.	2	0.128	40.0	2	4	38.2	96.5		
W	30	3.19	69	N.W.	2	0.104	43.8	4	10	47.7	88.3		
T	31	0.88	81	N.W.	2	0.104	49.0	0	10	50.0	56.2		
Highest		30.612	55.0	E & S	6	0.600	7th 9a.	W & S	8	45.5	102.7	44.0	
Lowest		29.206	35.0	entries	0	0.002	5th 9p	entries	0	38.8	41.8	26.8	
Means		30.290	43.6	18	8.1	1.521	30.274	17	20.68	39.8	69.9	36.7	

REMARKS.—Driest December but two for the last twenty-one years; extraordinary number of calms and fine days. Barometer: mean, 30.282, i.e., 0.254 too high; range, 1.406, or 0.111 too high; the reading on the 17th was the highest since Oct. 5th, 1884. Temperature: range, 23.5, or 0.6 too low; mean: 43.5, or 0.5 too low; no extreme readings; the mean was too high on 16 days; for the 6th, the warmest day was 50.0, i.e., 4.5 too high; for the 9th, the coldest day, it was 36.0, i.e., 9.5 too low; the mean of the solar maxima was 2.7 too low. Rainfall: maximum, 0.600, which fell in about fifteen hours on the 6th; amount for the month, 2.857 too low, i.e., only 9.9 per cent. of the average. Mean temperature of sea near shore a.m., 45.9, i.e., 0.6 too low; mean wind force, 7.6 per cent. of average. Bright sunshine: total record, 58.62 hours, or 28 per cent. of the possible amount, and 20.62 hours more than the mean of the last five years; full record on no day, no record on 15 days; brightest hour, 1 to 2 p.m., with a total of 11.08 out of 31 hours; brightest week, that ending on the 16th with 19.77 hours, gloomiest week the most unless since February, 1881, that ending on the 22nd with no record. The ten years 1875-1884 show that in December temperature ranges from 22.7 to 61.0, the mean being 44.0; the rainfall is 2.878 inches, falling on 23 days; we expect frost on 8 days, and hail or snow on 7 days; 3 days are very fine. The year 1885 was the driest on record since 1870, the total rainfall for the twelve months being 29.243 inches, i.e., 6.860 inches too low, or 83 per cent. of the average. The mean temperature for the year was 51.4, or 0.7 too low. The total number of hours of sunshine was 1884.18, or 18.25 hours more than the mean of the five previous years. We had 91 very fine days during the year instead of 71, the average.

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gent Surgeon to Her Majesty the Queen
16, George-street, Hanover
Nov. 3, 1877

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