

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING JANUARY, 1880.
BY J. E. VIBERT, M.A.

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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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Hygrometer.		Wind.				Amount of rain, inches.		Barometer reduced to 32° and S. F.		Dry Bulb.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.		Max. in shade.		Min. in shade.		Max. in sun.		Min. on grass.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
T	1	30.202	49.6	W.	5	10	0.007	ins. 30.293	48.8	47.3	W.	5	10	51.0	47.3	74.5	47.1	Overcast, very mild, slight rain, fair.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
F	2	29.865	47.6	S.W.	4	10	0.008	45.7	43.1	41.8	W.	1	0	49.8	42.5	67.0	36.5	Overcast, mild, slight rain, fine night, dew.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	3	29.578	45.2	W.	1	0	0.005	48.6	40.2	39.7	W.	1	0	51.1	38.2	90.3	30.0	Dews, extremely fine and bright.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	4	29.537	33.0	S.	2	7	0.009	48.6	40.1	39.0	S.E.	2	10	41.8	37.0	78.3	31.9	Dews showers, fair, overcast, gloomy.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
C	5	29.505	35.9	S.E.	2	10		54.2	35.0	34.2	S.E.	2	10	40.4	33.2	45.2	35.0	Gloomy, overcast, cold breeze.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
M	6	29.588	31.7	E.	3	10		61.5	33.0	31.0	E.	3	10	35.1	30.1	41.4	31.2	Gloomy, overcast, cold.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	7	29.647	30.2	N.E.	2	10		63.0	33.1	28.5	N.E.	2	10	33.3	29.1	36.3	30.0	Gloomy, overcast, very cold.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W	8	29.572	31.1	E.	2	10		64.1	32.4	30.8	S.E.	3	10	35.5	29.3	37.3	29.9	Gloomy, overcast, cold.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	9	29.522	32.4	E.	3	10		44.1	31.9	30.8	E.	3	10	35.8	27.3	41.0	28.7	Overcast, gloomy, breeze, cold.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
F	10	29.42	29.0	E.	4	10		44.1	37.1	34.8	E.	6	10	37.1	27.7	43.8	28.3	Overcast, very cold a.m., strong breeze.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	11	29.470	31.6	S.E.	4	10		50.2	34.4	32.6	E.	3	10	37.5	33.6	40.3	33.5	Gloomy, overcast, fair, dry.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
M	12	29.523	31.6	E.	3	10	0.160	52.9	38.4	36.0	E.	3	10	38.4	31.3	78.3	28.9	Overcast, very fine and bright, gloomy.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	13	29.497	38.7	S.E.	3	10	0.020	44.0	39.2	37.3	S.E.	2	10	45.5	35.5	85.0	34.0	Rain, gloomy, cloudy, fair, mild.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W	14	29.416	36.9	N.	2	10		40.2	36.1	34.0	N.	2	10	42.6	34.3	82.3	29.0	Very gloomy, misty, overcast.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	15	29.417	37.0	N.	1	8		32.6	36.1	34.0	N.	1	0	50.7	34.0	92.7	28.8	Very cloudy, fair, fine night.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
F	16	29.219	43.2	N.W.	2	4	0.170	127	44.2	41.4	W.	2	10	44.2	40.4	51.2	38.8	Dew cloudy, mild, very fine rain.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	17	29.084	43.0	E.	3	10	0.550	002	41.3	40.9	E.	4	10	42.2	35.3	48.0	35.4	Rain overcast, mild, wet night, calm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	18	29.954	38.1	E.	3	10	0.008	035	37.2	35.8	E.	5	0	37.5	23.5	68.5	25.2	Cloudy, overcast fine, bitter wind, very dry.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
M	19	30.248	30.0	N.E.	3	7		493	29.5	26.7	E.	5	0	31.6	24.7	80.0	22.0	Hard frost, cloudless, breeze, extremely fine.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	20	30.013	27.2	E.	5	0		612	30.5	28.2	E.	5	0	36.8	29.4	79.5	24.5	Hoar frost, cloudless, extremely fine. [evening																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W	21	29.448	32.3	E.	2	0		59	34.4	32.0	E.	2	0	44.8	31.2	83.7	23.1	Hoar frost, calm, very fine, overcast, bright.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	22	29.473	37.0	N.E.	2	1		392	37.4	35.1	N.E.	2	0	41.2	35.3	85.5	30.7	Gloomy, cloudy, fair, overcast.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
F	23	29.441	38.9	E.	2	10		298	36.3	33.8	E.	2	10	36.3	31.9	44.0	31.1	Gloomy, overcast, fair, cold.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	24	29.466	33.7	E.	2	10		163	32.0	30.3	N.E.	2	0	33.7	28.4	79.4	24.8	Cloudy, cold, extremely fine, hoar frost																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	25	29.148	29.8	E.	2	7		357	29.8	29.1	N.E.	1	1	34.5	24.8	78.5	22.2	Hoar frost, overcast, very fine, cold, bright.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
M	26	29.287	29.0	N.E.	1	9		346	35.1	33.1	N.E.	1	0	43.8	28.5	89.4	21.9	Hoar frost, mild, r., cloudless, remarkably fine.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
O	27	29.361	36.2	N.E.	1	1		255	32.5	31.3	S.E.	1	0	40.6	31.2	82.5	24.2	Hoar frost, extremely fine, overcast, bright night.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
W	28	29.326	35.4	N.E.	1	0		220	42.4	39.2	S.E.	2	10	42.6	31.7	86.5	25.1	Hoar frost, extremely fine, overcast, bright night.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T	29	29.234	36.2	S.E.	2	0		295	43.7	41.9	S.E.	2	10	47.0	38.2	89.6	30.2	Hoar frost extremely fine, bright, mild, dew.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
F	30	29.216	39.6	S.E.	3	10	0.004	295	43.7	41.9	S.E.	1	0	50.7	38.7	94.6	30.3	Fog, extremely fine, bright, mild, dew.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
S	31	29.378	45.5	S.E.	2	0		369	46.5	42.3	E.	1	0	50.7	38.7	94.6	30.3	Heavy dew, mild, cloudless, extremely fine.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Ex r.		30.647	Max on the 7 at			9 a.m.	0.650	29.954	Min. on the 18 at		18 at	9 a.m.	51.1	24.7	92.7	21.9	N.B.—The necessary corrections for index error have been applied to the instrumental readings.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Mean		30.397	36.7			3.3 6 8	1.041	37.0	35.2			9.4	5.8	41.1	33.0	68.1	29.9	Barometer—The mean has been remarkably dry and cold, and with the exceptions of the gloomy weather from the 4th to the 11th exceeding fine and bright. Barometer: very high and steady. range, 0.493; mean, 30.397, i.e., 0.301 too high. Temperature: range, 28.4; mean 37.0; i.e., 6.1 too low; the mean was too low on twenty seven days; for the 1st, the warmest day, it was 49.2, i.e., 6.80 too high; for the coldest day, the 20th it was 28.2, i.e., 15.0 too low. Frost was registered on sixteen days in the shade, and on twenty-three days on the grass. Rainfall, 2.791 in too low; maximum 0.650 in., which fell in about 12 hours on the 17th, the deficit since October 1st, exceeds eleven inches. Mean temperature of sea water near shore 39.2, i.e., 6.20 too low. Eighty hours of bright sunshine were recorded during the month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

REMARKS.—Probably no authentic data for a similar month of March are to be found in Jersey. Weather generally mild in spring, and the more noticeable features of the month are an absence of ground frosts very high sun a shade maxima, and no fewer than thirteen extremely fine days are among special phenomena should be noted an earthquake on the 10th, and a Mirage on the 29th. Barometer: range 28.93; mean, 30.113, i.e., 0.137 too high. Temperature: range 26.89; mean 48.9, i.e., 4.5 too high; the mean was too high on twenty-nine days; for the 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, it was 42.9, i.e., 1.2 too low. Frost on the grass on one day only. Rainfall: 0.569 in total; maximum 0.450 in, which fell in about four and a half hours on the morning of the 17th. Mean temperature of sea water near shore 47.0, i.e., 6.7 too high. One hundred and twenty six hours of bright sunshine were recorded during the month. Last year, at Greenwich the total sunshine recorded for the month of June was one hundred and forty two hours.

REMARKS.—The driest month but three for the last sixteen years at least, probably in United States history. The destructive ground frost in many places on the night of the number of very fine bright days; sudden heat on the 25th and 26th; extraordinary range 35.83; i.e., nearly 10° too high; mean, 53.04, i.e., 0.07 too high; 7th to 8th. Barometer: range 0.19; mean, 30.037, i.e., 0.090 too high. Temperature: range 64.54, or 9.89 too high; for the coldest month, the 10th, it was 45.08, or 5.07 too low. The mean was the warmest day it was 64.54, or 9.89 too high; for the coldest month, the 10th, it was 45.08, or 5.07 too low. Rainfall, 1.351 in too low; maximum 0.819 in which fell in about ten hours on the 31st; the deficit for the twelve-month just ended is upward of nine inches; besides which the sun shone for about five hours after registration had ceased. Last year at Greenwich the sun shone for 136 hours only in May.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING JUNE, 1880. 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.			
		Hygrometer.		Wind.		Amount of rain.		Barometer reduced to 32° and S. L.		Hygrometer.		Wind.		Max in shade.		Min in shade.	
		Dry Bulb.	Wet Bulb.	Direction.	Force, 0-10.	Cloud, 0-10.	inches.	ins.	Dry Bulb.	Wet Bulb.	Direction.	Force, 0-10.	Cloud, 0-10.	Max in sun.	Min. on Grass.	Max. in shade.	Min. on Grass.
T	1	59.0	53.0	N.E.	3	2	0.008	30.068	51.4	48.9	N.E.	8	8	48.6	45.8	63.2	45.8
W	2	56.4	53.7	N.	3	9	0.150	29.934	54.6	53.1	N.	10	10	49.6	45.9	61.3	45.9
Th	3	53.5	52.4	N.	1	10	0.020	29.934	52.3	51.6	N.	0	0	50.6	50.8	58.2	50.8
F	4	52.3	50.9	N.	1	10	0.023	30.014	48.0	47.0	N.W.	3	3	47.5	41.7	54.0	41.7
S	5	55.2	50.8	W.	1	9	0.050	30.193	51.1	48.1	N.W.	2	10	45.7	40.1	50.6	40.1
S	6	53.8	53.1	W.	2	10	0.026	30.104	53.6	52.6	W.	3	10	49.2	48.3	58.0	48.3
M	7	54.4	53.4	S.W.	6	10	0.005	30.042	51.4	49.6	S.W.	3	4	51.0	47.0	57.9	47.0
T	8	56.4	52.5	S.W.	4	9	0.100	29.950	52.1	49.8	W	2	10	50.1	46.4	61.8	46.4
W	9	49.8	48.0		0	10	0.392	29.844	50.2	4.3		0	10	48.6	45.0	61.7	45.0
Th	10	56.5	51.2	E.	1	5	0.019	30.004	53.4	50.8	N.E.	1	9	62.9	48.0	62.8	48.0
F	11	56.7	52.5	N.E.	2	8		30.004	52.5	50.4	N.W.	2	0	65.2	44.0	65.2	44.0
S	12	60.1	53.2	W.	2	1	0.026	30.069	57.0	53.3	S.E.	1	10	61.1	45.3	61.1	45.3
S	13	60.1	55.1	S.	2	9	0.035	30.035	53.8	52.9	N.W.	2	7	62.7	46.3	62.7	46.3
M	14	59.4	55.6	E.	3	10	0.375	30.102	58.1	54.5	N.	0	0	64.2	47.0	64.2	47.0
T	15	59.3	55.4	N.E.	3	7		30.047	56.5	52.4	N.E.	2	0	66.0	47.4	66.0	47.4
W	16	54.6	54.0	E.	0	10	0.001	30.071	57.7	56.7		0	10	62.7	49.0	62.7	49.0
Th	17	59.1	56.5	E.	3	10	0.036	29.843	57.7	56.2		0	10	63.5	52.2	63.5	52.2
F	18	60.0	57.8	E.	1	8	0.015	30.044	57.9	57.0	S.	0	4	63.5	49.0	63.5	49.0
S	19	59.1	56.9	S.E.	3	10	0.120	30.072	56.7	54.1		0	7	62.3	51.1	62.3	51.1
S	20	58.2	57.6	S.	3	10	0.024	30.044	55.2	53.2	W.	1	1	65.3	51.1	65.3	51.1
M	21	57.4	56.1	S.E.	2	10		30.070	55.0	54.0		0	10	61.4	51.7	61.4	51.7
T	22	58.2	58.2	W.	3	9	0.195	30.075	56.8	54.9	W.	2	2	66.0	52.3	66.0	52.3
W	23	58.4	56.1	S.E.	3	5		30.062	55.5	54.8	W.	2	2	61.7	48.9	61.7	48.9
Th	24	61.1	59.0	N.W.	3	5	0.145	30.116	55.7	54.9	S.E.	1	10	62.7	51.2	62.7	51.2
F	25	60.4	56.4	S.E.	2	5		30.116	55.0	54.0	W.	1	1	64.3	48.4	64.3	48.4
S	26	61.0	58.0	N.E.	2	8		30.116	53.1	53.9		0	0	67.8	48.1	67.8	48.1
Th	27	58.0	56.6	W.	2	10		30.116	55.2	54.1		0	0	72.3	45.4	72.3	45.4
S	28	60.0	58.0	S.W.	2	5	0.062	30.005	58.0	56.2		0	10	66.5	54.8	66.5	54.8
M	29	65.9	60.7	S.E.	2	2	0.038	29.869	58.0	56.2		0	10	66.5	54.8	66.5	54.8
W	30	60.7	58.0	N.	2	10		29.869	58.0	56.2		0	10	66.5	54.8	66.5	54.8
Extr.		30.386	Max	on the 28 at	9 a.m.	0.392	29.582	Min. on the 20 at	9 a.m.	72.3	44.3	133.0	40.1	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.			
Means		29.978	58.0	55.0	5.1	8.3	1.798	29.987	54.7	52.9	6.5	116.4	47.7				

REMARKS.—The month has been very calm, but with few exceptions unseasonably dull, cold and damp. Barometer: range 0.804; mean 29.982, i.e. 0.023 too low. Temperature range 28° to 65°; mean 57°; i.e. 2° too low; the warmest days it was 0.2 too low, for the coldest day the 4th, it was 50.8 or 6° too low, a remarkable mean for the time of year. Rainfall 0.013 in too high, many rainy days, maximum 0.392 in which fell in about nine hours on the 5th. Mean temperature of sea water near shore a.m. 55° i.e. 1° too low. Only one hundred and sixty-one hours of bright sunshine were recorded during the month being about 33 per cent. of the possible amount. Wheat in ear 10th in flower 20th.

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METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING JULY, 1880.
BY J. E. VIBERT, M.A.

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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.				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.		
		Hygrometer.		Barometer reduced to 32° and inches.	Amount of rain.	Hygrometer.		Barometer reduced to 32° and inches.	Amount of rain.	Wind.	Direction.	Force, 0-12.	Cloud, 0-10.	Max in shade.	Min in shade.	Max. in sun.	Min. on ground.					
		Dry Bulb.	Wet Bulb.			Dry Bulb.	Wet Bulb.															
T	1	59.2	57.0	29.876	0.150	53.0	54.0	29.890	0	W.	W.	1	0	62.1	55.0	127.7	50.3	Shows, overcast, clouds, fine, dew.				
F	2	60.4	57.7	29.882	0.150	53.7	56.7	29.892	0	S.W.	S.W.	1	0	66.4	53.9	123.7	48.1	Dew, cloudy, overcast, fair.				
S	3	61.6	58.9	29.888	0.150	57.1	56.3	29.898	0	W.	W.	3	0	63.6	55.0	124.4	51.0	Heavy rain, fair, breeze, fine.				
S	4	64.0	59.8	29.894	0.150	56.1	54.0	29.900	0	N.W.	N.W.	0	0	66.2	54.9	120.7	50.7	Breeze, extremely fine, dew.				
S	5	63.6	58.7	29.898	0.150	55.9	54.8	29.902	0	W.	W.	0	0	67.3	51.7	122.5	44.9	Dews, S. halo, extremely fine and bright.				
M	6	63.0	57.3	29.898	0.150	57.2	55.1	29.902	0	W.	W.	2	0	61.9	54.5	129.6	48.9	Cloudy, fine, Solar halo, fair.				
T	7	63.0	57.3	29.898	0.150	55.3	54.1	29.902	0	W.	W.	3	1	61.2	54.8	112.0	51.5	Rain, gloomy, fine, breeze, dew.				
W	8	62.6	59.1	29.880	0.23	56.4	54.4	29.884	0.23	W.	W.	2	1	63.8	54.5	125.3	51.4	Breeze, cloudy, fine, dew.				
T	9	62.3	58.0	29.880	0.001	56.4	54.3	29.880	0.001	W.	W.	1	9	67.0	52.3	126.6	46.0	Cloudy, fair, showers, calm p.m.				
F	10	62.7	59.0	29.880	0.001	57.3	55.1	29.880	0.001	W.	W.	1	9	67.9	53.5	126.6	46.0	Dews, cloudy, extremely fine.				
S	11	61.2	58.6	29.880	0.001	57.3	55.1	29.880	0.001	W.	W.	0	10	69.0	53.3	131.6	47.3	Heavy dews, fine, very cloudy, clear, calm.				
S	12	61.2	58.6	29.880	0.001	58.6	55.4	29.880	0.001	W.	W.	0	10	69.0	53.3	131.6	47.3	Dew, clouds, very clear, fine, overcast.				
S	13	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.	S.	1	10	67.4	55.0	127.4	49.9	Cloudy, fine, clear, overcast, slight shower.				
T	14	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	N.E.	N.E.	2	9	65.9	56.7	103.7	54.1	Gloomy, fair, very cloudy, thunder, lightning.				
W	15	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	N.	N.	2	1	70.2	56.0	124.7	53.7	Extremely fine, cloudy lightning.				
T	16	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	0	10	73.1	54.4	132.7	49.0	Dew, cloudy, shower, fine, warm, calm.				
F	17	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	3	10	71.8	57.0	129.5	52.3	Fine, hot, showers, thunder, overcast.				
S	18	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	3	10	73.0	59.3	138.0	54.3	Fine, breeze, cloudy, overcast.				
S	19	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	1	9	71.0	57.8	121.6	51.1	Cloudy, fine, hot, sun, clear, dew.				
M	20	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.E.	S.E.	0	2	74.1	60.1	134.0	54.6	Dew, fog, fair, overcast, calm night.				
T	21	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	N.W.	N.W.	1	9	74.5	57.5	133.3	52.0	Hot, fine, thunderstorm, showers, bright night.				
W	22	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	W.	W.	0	2	74.5	57.5	133.3	52.0	Dews, cloudy, extremely fine, foggy night.				
T	23	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	W.	W.	0	9	70.0	57.8	133.5	51.2	Overcast, fair, very cloudy, calm night.				
F	24	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	E.	E.	3	10	70.1	54.7	125.0	46.7	Cloudy, fair, slight showers, dew, bright night.				
S	25	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	4	10	67.7	60.1	118.3	59.3	Heavy dew, very fine, rain, wet night.				
S	26	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	2	10	68.3	59.1	125.6	56.5	Rain, cloudy, showers, breeze, squally.				
M	27	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	S.W.	S.W.	3	10	68.3	60.1	134.3	56.7	Showers, extremely fine, overcast.				
T	28	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	W.	W.	1	6	67.1	58.3	132.7	53.0	Very cloudy, fine, showers squally.				
W	29	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	W.	W.	3	1	68.1	57.5	134.5	52.0	Showers, very fine, breeze, dew.				
F	30	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	W.	W.	0	10	67.3	55.7	135.4	50.1	Showers, squally, fine, breeze.				
S	31	62.3	59.2	29.880	0.004	57.4	54.3	29.880	0.004	W.	W.	0	10	67.3	55.7	135.4	50.1	Cloudy, fine night, squally, very wet.				
Extr.		30.283		29.593	0.590	Min. on the	26 at 1 a.m.	77.5	51.7	138.0	44.9							N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.				
Means		29.993		30.010	1.5	55.5	56.1	136.3	51.5													

REMARKS.—On the whole a fine summer month; weather rather unsettled, heavy rainfall; no extremes of temperature; warm after the 15th. Barometer: range 0.960; mean 30.001, i.e. 0.061 too low. Temperature range 29.8; mean 62.3; i.e. 2.2 too high; for the warmest days the 17th, it was 67.8 i.e. 5.6 too high, for the coldest day, the 7th, it was 58.0 i.e. 4.2 too low. Rainfall 0.551 too high, unusual falls on the 3rd, 25th, and 31st, maximum 0.590 in which fell in about two hours on the 3rd. Mean temperature of sea water near shore a.m. 50.2 i.e. 0.4 too low. Two hundred and forty-seven hours of bright sunshine were recorded during the month, being one half of the possible amount. On no single day was a full record obtained, but no day was absolutely sunless. From noon to 1 p.m. was the sunniest hour. Wheat harvest began on the 30th.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING AUGUST, 1880.
BY J. E. VIBERT, M.A.

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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.	
				Hygrometer.		Wind.				Wind.				Min. on grass.		Height of Barometer cistern above mean sea level, 125 feet.	
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				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.	
				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.	
				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.	
				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.	
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				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.	
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				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.	
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				Hygrometer.		Wind.		Barometer reduced to 32° and S. I.		Wet Bulb.							

REMARKS.—On the whole a fine month; summer temperature; much cloudy weather; dry, gloomy from 14th to 29th, more fog than usual. Barometer: range 0.789; mean 30.010, i.e. 0.034 too high. Temperature range 22°; mean 63°; the average. Rainfall 1.275 too low, maximum 0.410 in which fell in about two hours on the 18th, for the twelve months ending Aug. 31st, the total fall as only 21.222 in. the average being 34.227; the deficit on the last eight months exceeds five inches. One hundred and sixty-five hours of bright sunshine were recorded during the month, being about one third of the possible amount. A full record was obtained on two days, no record on three days. For the week ending Aug. 21st the total record was less than eight hours and a half. No gloomy a week had not occurred since that ending January 15th. Sea temperature (1st to 10th) 61.9.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING SEPTEMBER, 1880.
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. E. Thermometers reset at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.		
		Barometer reduced to 32° and S. L.	Dry Bulb.	Wet Bulb.	Wind.	Amount of rain in inches.	Barometer reduced to 32° and S. L.	Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	Cloud, 0-10.	Max in shade.	Min in shade.	Max in sun.	Min. on grass.
W	1	ins. 30.326	61.9	61.3			ins. 30.381	59.5	58.7		0	10	71.5	57.5	116.3	55.4
T	2	.4022	61.3	60.0	E.	10	.345	63.3	61.2	S.E.	0	0	72.7	56.2	122.0	54.0
F	3	.2715	72.9	66.6	E.	10	.125	68.5	65.0	N.E.	2	0	79.0	56.2	128.6	66.3
S	4	.014	71.9	66.1	S.E.	0	.093	67.1	64.1	S.W.	2	4	77.8	66.8	130.5	60.9
M	5	.180	68.4	64.0	S.W.	1	.206	64.8	63.6	S.W.	1	5	75.0	63.0	127.0	59.3
W	6	.186	65.4	63.7	N.W.	5	.034	62.4	62.0		0	10	68.4	61.3	104.2	60.3
T	7	.085	66.1	61.9	N.E.	1	.086	61.4	58.3	N.E.	2	10	66.2	58.4	121.7	56.5
W	8	29.952	63.0	61.0	N.E.	9	.558	62.8	62.5	E.	1	10	66.0	59.5	101.0	58.0
F	9	.860	68.2	64.1	S.	3	.001	66.8	63.3	S.E.	3	5	69.4	61.2	117.5	59.6
T	10	.761	67.1	63.1	S.W.	2	.240	63.6	61.6	S.	2	4	73.5	62.0	125.5	57.0
S	11	.732	60.0	59.0	N.	1	1.558	57.3	56.9	W.	2	8	65.2	56.0	108.0	69.4
S	12	.756	64.0	60.0	S.	7	1.267	56.8	55.1	W.	1	1	67.0	56.0	108.0	69.4
M	13	.806	62.8	57.9	W.	3	.063	54.6	50.8	W.	1	2	67.0	53.3	121.5	47.0
T	14	.626	59.3	58.1	S.	5	.580	57.6	53.4	S.W.	8	10	64.3	53.9	114.3	47.8
W	15	.551	57.8	54.4	N.W.	10	.340	58.9	57.0	N.W.	7	10	60.8	54.8	100.0	52.6
T	16	.525	57.8	56.2	N.W.	10	.003	58.9	57.0	N.	2	2	63.1	54.5	119.6	52.5
F	17	.955	60.1	57.7	S.W.	8	30.049	55.9	51.7	W.	3	9	63.3	54.5	116.3	54.1
S	18	.949	60.8	57.2	N.W.	9	.199	54.9	48.2	N.W.	4	6	63.1	52.8	106.3	50.1
O	19	30.025	58.0	55.0	W.	10	.285	54.9	51.1	W.	1	9	64.1	51.1	68.0	45.0
M	20	.002	60.3	59.9	N.W.	7	.023	58.9	58.3	W.	1	10	63.7	54.2	120.4	44.0
T	21	.152	59.0	57.7	W.	10	.075	58.2	57.8	W.	2	7	61.8	53.8	97.7	51.2
W	22	.235	58.0	57.0	N.W.	9	.009	57.1	56.4		0	10	60.1	56.0	83.6	51.0
T	23	.168	58.2	57.0	S.W.	1	.612	57.4	56.5	S.E.	1	4	61.0	54.9	84.3	51.3
F	24	.117	60.8	59.5	S.E.	1	.135	60.0	59.7	E.	1	4	64.8	56.5	96.5	55.1
S	25	.177	65.2	60.8	N.E.	10	.007	58.9	57.3	N.E.	0	0	67.3	57.5	116.0	53.8
M	26	.297	62.1	60.5	N.E.	1	.367	58.9	57.3	N.E.	2	0	69.3	58.2	119.3	54.5
W	27	.442	64.6	61.5	N.E.	0	.445	58.7	56.8	N.E.	2	0	68.6	57.1	117.6	50.4
T	28	.456	60.7	57.8	E.	3	.411	58.3	57.2	E.	3	0	65.7	56.1	114.2	52.1
W	29	.387	63.0	59.0	E.	1	.340	58.7	57.3	N.E.	1	0	65.3	53.8	114.6	48.3

Means Extr. 30.456 Max on the 29 at 9 a.m. 62.7 1.558 29.284 Min. on the 14 at 11 p.m. 44.0

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

REMARKS.—A month of strange contrasts and extremes; great heat with fine weather from the 1st to the 5th, unsettled, gloomy, and squally with an extraordinary rainfall from the 6th to the 25th, very fine and bright from the 26th to the 30th. Barometer: range 1.172; mean 30.044, i.e. 0.003 too high. Temperature range very unusual, viz. 29°; mean 61°; i.e. 1° too high; the mean was too high on seventeen days, for the 4th the warmest day it was 72° 3, i.e. 10° 4 too high; for the 19th the coldest day it was 55° 2, i.e. 4° 7 too low. Rainfall 3.405 in too high, maximum 1.558 in which fell in about ten hours and a-half on the 11th, the fall exceeded half-an-inch on six days. One hundred and fifty hours of bright sunshine were recorded during the month, being about two fifths of the possible amount. Four days were absolutely sunless, on two days a full record was obtained. The total record for the five days ending the 25th was less than two hours and a-half; for the five days ending the 30th the record was nearly forty-seven hours. Mean temperature of sea near shore N.W. 62° 3 i.e. 0° 5 too high. Unusual number of fogs, very fine thunderstorm with vivid lightning on the evening of the 6th.

G EORGE J to practice of this Island public that h. STREET, St. September 1

Jersey, 29th

NOTICE TO A OR SPIRIT THE PRINC Assembly of collecting the In GIVES NOTICE session Wines or (altogether) that has been previous eight days from him written De the quantity of which shall rem consumed on th vious to having The Importe Vessels which b this Island, the the Wines, the casks; the desc Spirits, as well tents of the cash The declarati Publicans and c Liquors in cas FORTY POT wise mention th tion and streng quality and con bought the same The whole ur POUNDS STH Article of the L Her Majesty in The above d IMPOT OFFI open from Ten the afternoon.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING OCTOBER, 1880.
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. K. 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		Hygrometer.		Wind.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.							Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° and inches.	Amount of rain in inches.	Cloud, 0-10.	Force, 0-12.	Direction.	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REMARKS.—Unprecedented rainfall exceeding by about two inches that for any month previously recorded in Jersey; great and sudden variations of temperature. fine weather on the average number of days, but bad weather on twice the average number, unusually severe gale on the 27th and 28th. Barometer: range 1.306; mean 29.881, i.e. 0.100 too low. Temperature range 58°; mean 52°; i.e. 2° too low; the mean was too low on eighteen days, for the 1st, the warmest day, it was 61°, i.e. 2.6 too high; for the coldest day, the 21st, it was 41°, i.e. 12° too low. Rainfall 6.780 in too high, maximum 1.940 in which fell in about fourteen and a-half hours on the 9th to 11th. Total fall since September 1st 16.505 in. Mean temperature of sea a.m. 55.8 i.e. 2.1 too low. One hundred and sixteen hours of bright sunshine were recorded during the month, being more than one third of the possible amount. On one day a full record was obtained, seven days were absolutely sunless. Max. temperatures in the sun on the 22nd 50°, on the 23rd 48°, on the 24th 46°, on the 25th 44°, on the 26th 46°, on the 27th 46°, on the 28th 46°, on the 29th 46°, on the 30th 46°, on the 31st 46°. been registered since only October, viz., on the 17th 1879!

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REVIEWS (" It can be recommen valuable and suggestive. " There is, throughout that wins upon the reader ing Times, October 15th. " It is a complete hand may prove a boon to t October 11th, 1878. " We are much please from a purely literary sta Wilkesden Guardian, Sept " The subject of this first care with every hun 1878, December 13th, 187

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METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY DURING NOVEMBER, 1880. 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° F.	Hygrometer.	Wind.	Amount of rain in inches.	Barometer reduced to 32° F.	Hygrometer.	Wind.	Cloud, 0-10.	Max in shade.	Min in shade.	Max in sun.	Min. on grass.	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.
M	1	30.285	48.7	N.	0.057	30.262	48.6	E.	0	55.0	45.3	100.4	35.8	Gloomy, showers, fair, calm.		
T	2	30.064	45.4	N.E.	8	29.948	43.2	N.E.	0	48.8	42.2	53.3	39.2	Gloomy, sunless, cold wind, fair.		
W	3	29.996	47.3	N.E.	10	30.203	45.3	N.E.	8	48.7	41.3	53.3	36.4	Bright, fair, gale, squalls, very dry.		
T	4	30.335	46.6	N.E.	1	30.388	45.5	N.E.	4	48.4	42.4	97.0	37.8	Breeze, very fine, bright clouds.		
F	5	30.390	49.5	N.E.	2	30.433	49.0	N.E.	10	51.8	41.8	97.8	33.0	Dew, fine, overcast, calm night.		
S	6	30.450	50.3	N.W.	10	30.460	48.7	W.	0	52.0	47.0	59.7	44.0	Calm, overcast, sunless, fair mild.		
S	7	30.459	51.0	N.W.	9	30.355	49.5	N.E.	10	52.0	45.1	76.0	37.6	Showers, very cloudy, gloomy, fair.		
M	8	30.272	53.8	N.W.	10	30.387	47.6	W.	1	53.0	46.7	77.3	42.9	Mild, showers, gloomy, fair, cold wind.		
T	9	30.415	46.4	N.E.	3	30.263	47.6	W.	10	51.1	42.2	97.3	39.9	Clear, fine, cloudy, overcast.		
W	10	30.217	50.4	W.	7	30.263	49.3	W.	6	57.0	47.0	104.4	42.0	Very cloudy, showers, mild.		
T	11	30.233	50.9	S.W.	10	30.206	53.1	W.	3	53.1	48.2	63.3	44.0	Gloomy, mild, sunless, slight showers.		
F	12	30.199	53.0	S.W.	10	30.196	53.4	S.W.	4	54.7	51.1	63.6	48.2	Overcast, mild, sunless, drizzle, breeze.		
S	13	30.095	54.1	W.	10	30.024	53.4	S.W.	10	57.0	53.4	80.2	50.8	Breeze, overcast, drizzle, squally.		
S	14	29.672	55.6	S.W.	8	29.970	55.2	S.W.	10	53.2	48.0	90.6	45.9	Squally, very mild, rain, gale.		
M	15	30.842	49.5	W.	4	30.680	53.4	S.W.	8	54.9	45.7	96.0	43.8	Overcast, rain, mild, 1 halo, rough night.		
T	16	30.124	52.1	N.	10	30.153	49.2	W.	2	51.9	42.2	96.4	43.9	Rain, gal, fair, heavy rain, squally.		
W	17	30.213	45.3	S.W.	7	30.330	43.8	N.W.	7	50.6	42.9	52.0	38.4	Fair, fine, cloudy, wet night.		
T	18	30.134	44.8	N.E.	10	30.505	48.0	N.E.	3	48.3	40.1	70.4	38.7	Gloomy, rain, gale, very low Barom.		
F	19	30.407	42.9	N.E.	8	30.052	45.0	E.	0	40.7	33.9	80.3	34.4	Rain, fair, overcast, very cloudy.		
S	20	30.086	43.9	N.E.	5	30.366	40.2	E.	0	40.7	33.9	85.5	24.7	Cloudy, fair, dry, cold breeze, bright, night.		
S	21	30.416	38.9	E.	0	30.182	36.9	E.	0	40.7	33.9	85.5	24.7	Very dry, fine, bright, clear, cold.		
M	22	30.037	37.9	S.	0	30.994	34.0	S.	8	39.4	32.3	82.4	25.1	Very cold, fine bright, cloudy, breeze.		
T	23	29.947	39.4	S.	10	30.055	46.4	S.	0	46.4	32.2	64.0	32.0	Very cloudy, milder, fine night, dew, showers.		
W	24	30.057	47.8	S.	10	30.016	52.9	S.	0	53.0	45.0	77.2	37.3	Gloomy, rain, fair, mild, squally.		
T	25	29.896	53.5	S.W.	7	30.096	50.1	S.W.	0	56.7	49.3	102.0	43.2	Cloudy, fine, very mild, heavy dew.		
F	26	30.823	54.5	S.W.	10	30.185	51.3	S.W.	6	55.0	49.0	59.4	44.1	Rain, gloomy, mild, fair, breeze.		
S	27	30.163	51.6	W.	0	30.441	46.8	S.W.	0	55.0	46.8	95.0	38.0	Heavy dews, very fine, cloudy, mild, calm.		
S	28	30.564	50.4	S.W.	7	30.542	47.7	S.W.	0	53.7	46.0	95.0	37.0	Heavy dews, very fine, bright night.		
M	29	30.546	42.5	S.E.	10	30.525	41.5	S.E.	3	48.0	40.5	73.2	38.8	Fog, overcast, cloudy, fair, dew.		
T	30	30.508	41.9	S.E.	10	30.420	46.0	S.E.	2	45.5	39.0	54.0	38.1	Dews, gloomy, overcast, fine evening.		
Extr.		30.564	Max	on the 23 at	9 a.m.	28.515	Min.	on the 18 at	8 p.m.	57.0	32.2	104.4	24.7	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.		
Means		30.052	48.0	2.6	7.1	30.061	47.5	3.0	6.3	51.4	43.9	68.7	49.1	Remarks.—The weather, often gloomy and variable, has been fine for the season, with less rain than usual. Remarkable fall of the Barometer on the 18th; great changes of temperature from the 18th to the 25th. Barometer: range 2.019; in i.e. 0.694 in too great: mean 30.062, or 0.129 in too high. Temperature range 24° 8; mean 47° 6; i.e. 0° 2 too high; the mean was too high on sixteen days, for the 14th, the warmest day, it was 55° 2, i.e. 8° 0 too high; for the coldest day, the 22nd, it was 35° 9, i.e. 10° 8 too low. Rainfall 1.218 in too low, maximum 0.850 in which fell in about five-and-a-half hours on the 16th. Total fall since September 1st 20.192 in. Mean temperature of sea shore a.m. 49° 1 i.e. 2° 3 too low. Seventy-four hours of bright sunshine were recorded during the month, being little more than one fourth of the possible amount. Full record on two days; eight days absolutely sunless. Frost on the grass three times only, the average being five. The severe ballstorms which occurred in some parts of the island were not observed at St. Aubin's.		

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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. K. Thermometers reset at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.				
		Barometer reduced to 32° and 30° ins.	Hygrometer.	Wind.		Amount of rain in inches.	Barometer reduced to 32° and 30° ins.	Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	Cloud, 0-10.	Max in shade.		Min in shade.	Max in sun.	Min. on grass.	
				Dry Bulb.	Wet Bulb.													
W	1	30.302	44.0	43.8	S.E.	1	8	0.014	30.239	48.8	48.5	S.W.	3	2	41.9	71.4	40.8	Dews, fair, gloomy, damp.
● T	2	32.285	51.5	51.2		10	10	0.40	35.0	50.3	50.3		0	10	52.7	83.2	43.3	Drizzle, calm, gloomy, mild, very damp.
F	3	33.426	50.3	49.8	W.	2	9	.001	35.0	48.7	48.4	W.	2	10	51.4	83.0	42.6	Cloudy, mild, damp, fog, overcast.
S	4	34.573	47.4	47.4		0	10		6.28	49.3	48.0	S.W.	1	10	49.8	55.5	36.4	Foggy, damp, calm, gloomy, fair.
S	5	35.640	48.5	46.2	S.W.	3	10		6.45	48.3	47.0	S.W.	2	7	49.6	66.4	45.2	Overcast, gloomy, mild, fair.
M	6	36.639	50.6	48.8	S.W.	1	10		6.66	50.0	48.2		0	10	51.8	60.6	44.6	Overcast, gloomy, mild, fair, calm.
T	7	37.696	49.8	48.4	S.W.	1	10		7.15	47.6	47.1	E.	3	10	50.8	58.0	47.3	Calm, overcast, mild, fair.
W	8	38.730	46.3	46.1		0	10	.002	7.06	49.8	49.3	W.	2	10	49.8	52.2	46.4	Fog, calm, gloomy, damp, drizzle.
F	9	39.657	51.8	49.6	W.	2	10	.003	6.08	51.0	49.6	N.W.	1	8	55.0	87.7	46.2	Very cloudy, slight showers.
S	10	40.535	52.6	50.8	N.W.	2	10	.001	5.24	48.0	46.0	W.	2	5	51.2	61.7	39.0	Very cloudy, slight showers, mild.
S	11	41.473	49.0	45.5	N.W.	1	10	.047	3.50	49.4	45.7	W.	1	10	53.7	73.6	42.3	Very cloudy, mild, slight shower, fine.
S	12	42.337	51.2	49.7	N.W.	2	10	.002	3.70	51.4	49.1	W.	3	7	53.9	78.8	44.3	Fair, very mild, gloomy, rain.
M	13	43.295	51.5	48.6	W.	3	6	.006	2.50	51.4	51.1	W.	3	10	55.2	85.0	45.3	Gloomy, mild, rain, fair.
T	14	44.206	53.8	50.3	W.	2	5	.180	1.09	50.0	48.5	W.	3	3	51.9	57.6	44.3	Cloudy, fine, mild, showers.
W	15	29.942	50.3	49.5	S.W.	4	10	.100	29.770	49.3	48.6	S.W.	2	7	53.3	98.4	45.0	Cloudy, bright, fine, mild, shower.
O	16	47.721	50.3	48.7	S.W.	5	7	.100	46.3	49.3	44.2	E.	1	9	52.8	92.4	42.0	Gloomy, fair, heavy rain, gale, wet night.
F	17	48.612	49.1	47.3	S.W.	3	7	.035	6.24	50.0	47.8	W.	8	10	50.0	61.0	38.3	Gloomy, heavy rain, gale, wet night.
S	18	49.777	44.2	39.9	W.	1	9	.770	7.21	52.5	51.8	W.	9	10	52.5	55.3	45.3	Gale, rain, gloomy, fair, hail.
S	19	50.754	48.5	47.3	W.	6	10	1.290	6.58	43.4	40.4	N.W.	3	8	54.0	60.8	38.7	Overcast, cloudy, fair, fog, rain.
M	20	30.568	53.5	53.1	W.	7	10	0.460	30.208	43.0	41.0	N.	1	8	50.3	86.4	37.3	Rain, overcast, cloudy, fair, showers.
T	21	30.012	48.5	44.9	N.W.	2	10	.150	30.208	52.8	52.1	S.W.	6	10	54.0	89.4	36.1	Gloomy, mild, rain, gale, squally.
W	22	31.019	51.3	51.1	W.	6	10	.043	29.914	51.8	49.8	S.W.	8	5	53.7	63.3	47.7	Squally, showers, bright, fine, cloudy.
T	23	29.819	52.3	51.4	S.W.	3	9	.500	53.3	46.3	43.8	S.W.	2	9	54.8	94.0	43.4	Clear, cold, dry, bright, very fine, calm.
F	24	38.738	50.0	48.1	W.	5	8	.040	6.27	36.8	33.7		0	1	46.4	91.3	27.2	Overcast, cold, squally, showers, rain.
S	25	41.662	41.2	36.5	N.	2	7		8.73	43.5	42.9	S.	3	10	43.5	50.0	27.4	Overcast, cold, squally, showers, rain.
S	26	40.803	40.6	36.0	S.E.	3	10	.308	5.68	53.7	51.9	S.W.	3	8	55.2	94.2	37.7	Cloudy, fair, very mild, slight rain.
M	27	42.560	52.2	50.8	S.W.	4	9	.011	6.81	50.3	49.7	S.W.	2	0	53.8	58.6	46.5	Gloomy, rain, mild, fine, squally.
T	28	43.722	52.1	51.1	S.W.	2	10	.063	7.25	46.3	41.0	S.W.	5	7	53.1	90.4	40.3	Overcast, showers, fair, squally.
W	29	44.467	51.5	48.5	S.	4	10	.100	4.77	41.4	38.0	S.W.	2	4	46.7	76.3	35.5	Squally showers, hail, fair, lightning.
S	30	45.512	46.1	42.5	S.W.	6	8	.205	7.38	40.5	37.1	N.W.	2	4	45.7	90.4	30.0	Hail, thunder, cloudy, fair.
● F	31	30.141	41.7	39.5	N.	2	9	.087	30.451	40.5	37.1	N.	1	7	45.2	90.4	30.0	
Extr.		30.780	Max on the	on the	8 at	9 a.m.	1.290	Min.	on the	29 at	6 p.m.	7.5	51.5	35.9	98.4	27.2	N.B.—The necessary corrections for "index error" have been applied to the instrumental readings.	
Means		30.073	49.1	47.2	2.7	9.0	4.576	30.086	48.1	46.5	2.6	7.5	41.0	45.0	73.4	41.0		

REMARKS.—A month as remarkable for its mildness as December 1879, was for its severity much gloomy weather; very wet and variable after the 13th. During the last week of the month, roses, violets and primroses were in full bloom, in the open air. Barometer: range 1.480; mean 30.080 i.e. 0.073 too high. Temperature range 19°; mean 48°3, i.e. 5°4 too high and 10°8 higher than last year, being very little below the average of April. The mean was too high on twenty nine days: for the warmest days, the 10th and 14th it was 52°6 i.e., 9°2 too high; for the 28th coldest the day, it was 39°7 i.e. 0°7 too low. Rainfall 1.278 in too high; maximum 1.290 in which fell in about twenty-two hours on the 19th and 20th. Sea near shore a.m. 47°8 i.e., 2°2 too high. Only thirty hours of bright sunshine were recorded during the month, being about one-eighth of the possible amount, on no day, was a full record obtained, twelve days were sunless. There have been sixty sunless days during the twelve month. For the year 1880 the total rainfall amounts to 39.167 in. being 4.910 in. above the average; since the first of September the fall for the four months has reached the unusual amount of 24.768 in. During December frost was registered on the grass three times instead of thirteen, the average.