

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JANUARY, 1877, BY J. E. VIBERT, M.A., M.C.P.

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.	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.	
		Barometer reduced to 32° and S. L.	Dry Bulb.	Wet Bulb.	Wind.	Amount of rain, inches.	Barometer reduced to 32° and S. L.	Dry Bulb.	Wet Bulb.	Hygrometer.	Wind.	Max. in shade.	Min. in shade.					Max. in sun.
M	1	29.140	52.0	48.5	S.W.	0.472	29.372	50.0	48.0		S.W.	7	3	57.2	48.2	92.5	46.0	Strong gale, heavy showers, squalls.
T	2	.694	45.3	43.8	N.W.	0.533	.601	50.6	49.3		S.	3	10	50.8	44.2	92.3	37.0	Hail, solar halo, fair, heavy showers.
W	3	.487	50.5	49.1	S.	0.300	.352	52.1	50.1		S.	3	10	54.1	49.7	79.4	44.1	Breeze, cloudy, overcast, slight showers.
T	4	.258	50.0	49.0	S.	0.012	.272	50.1	47.2		S.W.	4	4	53.2	49.2	93.4	45.9	Rain, cloudy, fine, shower, breeze.
F	5	.337	49.1	46.9	S.	0.282	.379	47.3	43.8		S.W.	6	4	51.6	45.2	88.5	43.5	Overcast, showers, fair, squally, hail, lightning.
S	6	.370	49.6	49.6	S.W.	0.210	.167	51.6	47.1		S.W.	7	0	53.3	42.5	72.5	35.0	Strong breeze, rain, fair, lightning, rough night.
OS	7	.272	50.3	47.9	S.W.	0.212	.506	50.5	48.3		S.W.	3	0	52.8	45.0	73.5	41.7	Squalls, showers, fresh breeze, fair, lightning.
M	8	.523	50.0	48.7	S.	0.930	.558	49.1	49.1		S.W.	0	10	52.3	48.7	54.3	43.9	Rain, gloomy, air saturated, misty, rain.
T	9	.874	51.3	49.4	S.W.	0.075	30.072	48.8	46.5		S.W.	0	8	53.8	47.2	100.7	36.5	Breeze, very fine, calm, dew, cloudy.
W	10	.886	48.8	48.1	N.E.	0.245	29.534	48.7	48.7		S.E.	0	10	52.8	47.0	67.0	35.8	Fresh breeze, rain, cloudy, calm, fair.
T	11	.744	46.2	45.0	N.W.	0.275	.894	42.7	41.0		N.W.	1	8	49.1	39.1	52.5	31.6	Gloomy, rain fair, cold dew.
F	12	.842	46.4	44.8	S.	0.358	.990	44.2	43.0		N.W.	2	10	47.2	41.8	77.8	41.6	Overcast, showers, fair, rain.
S	13	30.117	45.2	41.0	N.	0.060	30.090	43.2	44.5		S.W.	4	10	47.1	38.0	82.0	29.9	Calm, clear, fair, overcast, showers.
S	14	29.888	49.0	48.5	S.	0.280	29.840	45.4	44.0		S.W.	2	8	51.5	44.2	65.8	42.5	Overcast, rain, showers, fair.
M	15	30.178	45.0	43.2	N.W.	0.004	30.216	47.3	44.8		S.W.	3	0	54.0	41.2	99.3	32.5	Slight shower, very fine cloudy, clear.
T	16	.201	50.0	49.0	S.W.	0.054	.129	50.6	50.1		S.W.	3	10	53.1	46.0	97.4	40.0	Fair, cloudy, overcast, showers.
W	17	29.948	50.3	49.5	S.	0.155	29.937	48.0	47.0		S.W.	2	0	51.6	47.2	80.5	42.3	Gloomy, rain, fair, fine.
T	18	.908	47.8	46.0	S.	0.013	.871	51.6	50.9		S.W.	4	10	51.8	44.8	62.7	38.2	Overcast, slight rain, breeze.
F	19	.929	54.3	52.1	S.W.	0.547	30.156	49.6	49.4		S.W.	0	10	55.0	47.0	62.4	48.2	Strong breeze, overcast, steady rain, calm.
S	20	30.352	45.1	44.0	N.	0.020	.607	43.2	42.3		E.	0	0	50.5	42.5	97.0	32.4	Slight rain, cloudy, very fine, dew; calm.
S	21	.690	46.7	42.7	S.E.	0	.658	44.4	41.2		S.E.	4	4	47.5	41.3	92.9	31.2	Heavy dew, extremely fine, breeze.
M	22	.636	39.6	38.2	S.E.	4	.536	43.9	38.3		S.	5	8	44.9	35.2	86.3	29.0	Fair, solar halo, dry, no dew p.m.
T	23	.446	45.4	43.6	S.E.	4	.252	45.5	43.5		S.E.	3	7	49.3	42.0	96.2	33.7	Fair, v. fine, cloudy, strong breeze, lunar halo.
W	24	.254	47.4	43.6	N.W.	1	.248	44.5	40.2		S.E.	3	3	52.2	41.0	99.0	32.5	Shower a.m., fine, cloudy, solar & lunar halos.
T	25	29.943	50.6	49.1	S.W.	3	.007	44.5	40.2		N.W.	3	7	51.1	42.7	58.4	36.1	Gloomy, rain, fair, squally, hail.
F	26	30.234	44.2	39.2	N.W.	5	.033	40.4	38.0		N.W.	1	1	60.1	37.1	98.5	28.3	Cloudy, fair, calm, fine, dew.
S	27	.287	45.7	44.7	S.W.	3	.023	45.2	45.2		N.W.	0	2	50.5	39.6	59.3	28.7	Overcast, drizzle, very damp, fair, calm.
S	28	.229	48.4	47.1	S.W.	5	.171	46.4	42.8		W.	4	4	51.7	43.3	61.3	34.2	Overcast, rain, fair, shower, squally.
OM	29	.893	46.1	39.9	N.W.	7	.030	48.3	47.1		W.	5	10	52.2	40.1	90.5	33.5	Cloudy, slight showers, stormy night.
T	30	29.841	48.2	46.5	S.W.	7	.0193	44.7	39.3		N.W.	4	4	49.1	43.2	77.4	35.6	Gale, squally, rain, cloudy, fair.
W	31	30.221	46.0	41.8	N.W.	2	.104	49.8	49.4		W.	4	10	49.8	42.0	78.0	32.2	Cloudy, fair, showers, gloomy, drizzle.
Sums.		928.128	1484.5	1413.6		105.247	928.542	1464.2	1399.1			90	188	1591.2	1345.6	2488.3	1141.6	N.B.—The necessary corrections for "index" error have been applied to all the instruments' readings.
Means.		29.940	47.9	45.6		3.4	29.953	47.2	45.1			2.9	6.1	51.3	43.5	80.3	36.8	

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

REMARKS.—The month has been wet, stormy, and very warm for the season. Barometer max. on the 21st, 9 a.m., 30.690; min. on the 1st, 5 20 a.m., 28.901; range 1.789; mean, 29.847. Temperature max. on the 22nd, 56.2; range, 22.0; mean (by Self Registering Thermometers), 47.04, viz.: 3.3 above the average. Rainfall 1.841 in. above the greatest fall in 24 hours, 0.93 in. on the 8th. Mean temperature of sea-water near shore at 8 a.m., 48.5.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING FEBRUARY, 1877, BY J. E. VIBERT, M.A., M.C.P.

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.		Hygrometer.		Wind.	Amount of rain, inches.	Barometer reduced to 32° and S. T.	Hygrometer.		Wind.	Cloud, 0-10.	Barometer reduced to 32° and S. T.	Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on grass.		
		Dry Bulb.	Wet Bulb.				Dry Bulb.	Wet Bulb.													
T 1		ins. 30.153	48.5		0.025	ins. 30.225	49.4	49.1	S.W.	10	30.225	49.4	49.1	S.W.	2	52.8	47.3	92.6	43.0	Cloudy, fair, gloomy, drizzle.	
T 2		.218	48.4		0.040	.232	46.7	43.3	W.	0	.232	46.7	43.3	W.	3	51.5	45.5	63.8	39.5	Cloudy, fair, slight rain, fine.	
T 3		.385	47.8		0.206	.290	47.2	45.3	S.W.	2	.290	47.2	45.3	S.W.	5	50.0	42.5	93.2	32.1	Fair, cloudy, solar halo, showers, squally.	
T 4		.293	48.7		0.002	.468	41.2	39.0	N.W.	0	.468	41.2	39.0	N.W.	1	51.7	40.2	104.3	29.9	Hail and rain, fair, fine, dew, calm.	
T 5		.471	46.5		0.006	.458	47.3	46.0	S.W.	5	.458	47.3	46.0	S.W.	2	48.9	39.7	80.5	29.2	Fair, overcast, cloudy, calm, dew.	
T 6		.458	48.2		0.018	.378	49.6	49.6	S.W.	3	.378	49.6	49.6	S.W.	3	52.2	44.3	80.2	43.0	Overcast, cloudy, fair, drizzle.	
T 7		.395	51.5		0.052	.281	50.3	48.6	W.	9	.281	50.3	48.6	W.	3	51.0	48.8	94.5	45.0	Cloudy, overcast, fair, breeze.	
T 8		.319	49.3		0.022	.268	50.2	48.1	W.	10	.268	50.2	48.1	W.	3	52.8	46.4	91.6	45.2	Cloudy, fair, solar halo, drizzle, damp.	
T 9		.291	50.9		0.060	.201	50.3	48.8	W.	7	.201	50.3	48.8	W.	5	55.2	47.7	102.4	46.3	Cloudy, fine, breeze, drizzle.	
T 10		.176	51.8		0.005	.155	48.5	47.6	W.	3	.155	48.5	47.6	W.	3	53.7	47.3	91.0	42.8	Cloudy, fair, breeze, squally night.	
T 11		.081	49.8		0.302	.299	50.3	49.1	S.W.	10	.299	50.3	49.1	S.W.	4	52.2	47.2	62.5	40.5	Strong breeze, drizzle, fine, cloudy, dew.	
T 12		.040	49.6		0.018	.309	51.0	50.0	S.W.	4	.309	51.0	50.0	S.W.	4	52.5	49.5	62.4	47.7	Gloomy, rain, cloudy, showers, breeze.	
T 13		.297	52.4		0.070	.157	49.0	48.7	S.W.	10	.157	49.0	48.7	S.W.	0	54.8	48.0	93.5	40.1	Strong breeze, gloomy, drizzle, cloudy.	
T 14		.301	51.3		0.007	.298	50.7	49.1	S.W.	3	.298	50.7	49.1	S.W.	3	52.3	48.2	102.5	40.4	Overcast, fair, very fine, dew, calm.	
T 15		.039	49.3		0.007	.304	42.2	41.0	N.W.	2	.304	42.2	41.0	N.W.	2	53.0	40.2	102.3	33.0	Cloudy, fair, very fine, no dew.	
T 16		.297	47.3		0.013	.233	48.2	45.0	W.	10	.233	48.2	45.0	W.	2	51.0	40.8	102.3	35.0	Rain, cloudy, very fine, dew, calm.	
T 17		.301	46.7		0.193	.141	48.3	47.4	S.W.	3	.141	48.3	47.4	S.W.	4	49.8	46.0	79.3	40.5	Shower, cloudy, fair, hail, showers, stormy.	
T 18		.260	47.1		0.256	.298	45.7	44.3	S.W.	10	.298	45.7	44.3	S.W.	6	50.7	42.1	102.0	38.0	Rain, cloudy, fair, hail, showers, stormy.	
T 19		.047	44.9		0.138	.657	42.7	37.7	N.W.	5	.657	42.7	37.7	N.W.	5	49.9	38.2	99.3	31.2	Gale, hail, thunder, lightning, squally.	
T 20		.295	44.3		0.004	.302	41.2	36.0	N.	3	.302	41.2	36.0	N.	3	46.2	40.3	102.7	32.2	Hail, cloudy, fair, fine, no dew.	
T 21		.914	43.0		0.230	.298	42.0	40.0	N.W.	1	.298	42.0	40.0	N.W.	3	45.2	38.1	97.3	32.1	Hail, cloudy, fair, showers, squally.	
T 22		.301	43.3		0.096	.308	43.5	34.5	N.E.	10	.308	43.5	34.5	N.E.	1	44.7	39.3	91.3	36.0	Shower, cloudy, overcast, fair, calm.	
T 23		.293	42.2		0.020	.298	49.1	48.5	W.	2	.298	49.1	48.5	W.	2	50.0	40.6	76.3	31.8	Cloudy, rain, gloomy, calm, drizzle.	
T 24		.938	46.4		0.180	.728	49.2	45.4	W.	5	.728	49.2	45.4	W.	5	54.8	47.0	101.3	43.2	Drizzle, cloudy, fair, strong breeze.	
T 25		.788	49.8		0.170	.915	40.2	35.5	N.	4	.915	40.2	35.5	N.	2	49.1	39.1	97.0	31.2	Rain, strong breeze, fair, fine night.	
T 26		.516	47.9		0.030	.301	39.7	35.0	N.	3	.301	39.7	35.0	N.	3	49.5	34.8	105.8	25.9	Hail, slight showers, cloudy, fair, no dew.	
T 27		.300	43.6		0.030	.410	36.6	32.5	N.	1	.410	36.6	32.5	N.	1	41.8	34.2	100.0	27.8	Snow, cloudy, fair, clear, calm.	
T 28		.305	37.7		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sums.		842.972	1326.6	1258.9	94	2.163	843.441	1301.1	1240.6	82	190	1425.3	1211.9	2566.2	1045.8	—	—	—	—	N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.	
Means.		30.106	47.4	45	3.4	9	30.123	46.5	44.3	12.9	6.8	50.9	43.3	91.7	37.4	—	—	—	—	on the 5th, 9 a.m., 30.471; min on the 26th, 8.30	

REMARKS.—The month has been very cloudy, with frequent falls of rain, but generally very mild. Barometer max., on the 5th, 9 a.m., 30.471; min. on the 28th, 8.30 a.m., 29.512; range, 0.959; mean, 30.116. Temperature max., on the 6th, 55.2; min. on the 28th, 34.2; range, 21.0; mean (by Self Registering Thermometers), 47.01. Rain, 4.7 above the average. Rainfall 0.818 in, above the average; greatest fall in 24 hours, 0.302 in, on the 13th. Mean temperature of sea-water near shore at 8 a.m., 49.8.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING MARCH, 1877, BY J. E. VIBERT, M.A., M.C.P.

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.		
	Barometer reduced to 32° S. L.	Hygrometer.		Wind.	Amount of rain, inches.	Barometer reduced to 32° S. L.	Hygrometer.		Wind.	Cloud, 0-10.	Max. in shade.	Min. in shade.		Max. in sun.	Min. on Grass.
		Dry Bulb.	Wet Bulb.				Dry Bulb.	Wet Bulb.							
T 1	ins. 30.430	45.8	40.4	N.	0.020	30.410	43.2	42.7	S	1	49.8	34.9	107.3	28.0	Misty, calm. Very fine, overcast, drizzle.
F 2	.358	48.3	46.0	S.W.	0	.312	48.5	45.5	S.W.	4	51.3	42.6	84.3	42.0	Overcast fair, no dew p.m., breeze.
S 3	.226	46.5	44.1	S.	10	.128	47.8	47.4	S.W.	1	49.8	44.0	84.8	39.7	Overcast, fair calm rain from 7 p.m.
S 4	.004	50.8	47.7	N.W.	10	29.999	43.8	42.2	S.W.	4	51.1	41.7	96.4	38.5	Fair, overcast breeze, fine showers, hail.
M 5	.035	44.9	40.5	N.W.	7	.990	39.1	37.7	N.	2	47.8	38.2	104.2	32.0	Hail, fair cloudy, heavy showers, hail and rain.
T 6	29.983	45.1	39.5	N.E.	2	.937	39.0	38.2	N.	1	46.0	32.0	102.2	18.8	Fair, cloudy, hail, fine, calm.
W 7	.694	42.7	38.7	N.W.	5	.584	40.5	38.0	N.	8	44.7	34.9	95.0	29.1	Hail, rain stormy, heavy squalls.
T 8	.931	39.7	35.6	N.	10	30.121	39.2	33.7	N.	4	43.2	36.8	106.6	29.5	Breeze, cloudy, fair, very dry.
F 9	30.172	42.9	37.0	N.	5	.153	37.2	35.8	N.	5	43.7	35.1	95.5	26.8	Cloudy, fair, overcast, calm, drizzle.
S 10	.088	38.9	36.9	E.	0	.076	37.7	33.5	E.	0	42.8	36.0	98.0	28.0	Cloudy, breeze, extremely fine, dry.
S 11	.220	36.2	31.2	E.	10	.284	34.1	31.8	E.	0	39.8	32.0	94.3	23.2	Breeze, extremely fine, calm clear.
M 12	.153	40.2	34.8	S.W.	0	29.965	47.5	46.5	S.W.	3	52.6	31.8	107.0	21.8	Overcast strong breeze, drizzle, fair.
T 13	.044	61.7	47.7	N.W.	4	30.122	48.3	47.4	N.W.	4	52.8	45.8	99.2	38.2	Cloudy, breeze, fair fine.
W 14	.143	48.8	46.8	N.W.	10	.156	48.3	46.5	W.	3	51.8	46.5	83.4	40.1	Drizzle, overcast, fair.
T 15	.111	50.0	48.2	W.	4	29.945	47.3	46.1	W.	4	55.6	46.3	108.8	41.9	Breeze, cloudy, fair, slight shower, fine.
F 16	29.775	50.0	45.8	W.	9	.743	40.3	38.9	W.	2	50.6	40.0	113.0	34.5	Heavy showers, cloudy, fair, hail.
S 17	.740	40.7	38.7	N.	7	.786	36.6	35.4	W.	0	49.8	35.1	108.9	29.0	Hail cloudy, fair, shower, fine, calm.
S 18	.744	47.6	42.1	S.	3	.664	39.2	38.0	W.	1	50.2	35.1	106.0	29.6	Fine, solar halo, cloudy, showers, fair.
M 19	.688	44.9	41.8	E.	3	.427	43.3	40.0	N.E.	5	47.4	38.3	86.4	33.1	Fair, solar halo, overcast, squally night.
T 20	.277	39.1	37.0	N.E.	3	.301	39.4	36.0	N.	5	43.7	34.8	45.0	31.3	Squally rain, gloomy, cold.
W 21	.436	42.0	37.4	N.	10	.528	37.0	33.5	N.	5	45.4	31.7	105.6	25.6	Hail, cloudy, fair, fine, calm.
T 22	.754	43.6	41.2	N.	4	.598	37.0	33.5	N.W.	5	45.4	31.7	105.6	25.6	Fine, showers, hail, fair, clear.
F 23	.804	46.2	43.5	S.W.	3	.389	46.2	43.0	N.W.	2	49.3	35.3	111.7	26.2	Fair, gloomy, rain, strong breeze, squally.
S 24	.466	43.2	41.8	S.W.	4	28.963	47.1	45.6	S.	6	48.6	39.0	100.3	31.8	Hail, fair solar halo, rain, gale, squally.
S 25	28.866	44.7	43.2	S.	5	29.039	41.8	40.5	S.W.	6	50.1	40.0	109.2	32.2	Breeze, fair, solar halo, showers, hail, lnr. halo.
M 26	29.099	46.0	43.7	S.	9	.260	44.2	43.0	N.W.	1	47.6	39.3	89.5	29.3	Calm, overcast, fair, cloudy, dew.
T 27	.319	41.3	39.9	S.	0	.634	46.6	43.3	S.W.	4	52.1	43.2	108.6	37.0	Breeze, overcast rain, very fine.
W 28	.779	47.8	46.8	S.W.	4	.857	48.8	48.4	S.W.	3	49.8	44.6	108.6	37.0	Overcast, rain, gloomy, showers.
OT 29	.920	49.3	48.0	S.	3	30.006	48.1	47.3	S.W.	0	54.8	47.3	99.0	38.9	Overcast, fair, shower, dew, calm, lunar halo.
F 30	30.113	50.4	49.1	S.W.	2	.214	46.6	46.3	W.	7	57.7	45.2	117.5	39.1	Cloudy, very fine, calm, heavy dews
S 31	.269	51.0	46.8	W.	3	.221	46.0	45.5	W.	0	54.3	45.0	113.0	37.8	Cloudy, very fine, calm, heavy dews.
Sums.	925.574	1403.3	1301.9		91	220	1333.9	1273.7		79	176	1520.6	2977.5	101.4	N.B.—The necessary corrections for "index error have been applied to all the instrumental readings.
Means.	29.857	45.3	42.0		2.9	7.1	43.0	41.1		2.6	5.7	49.0	98.1	32.6	

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

REMARKS.—The weather has been extremely variable, with a few fine days. Barometer max., on the 1st 1 p.m., 30.435; min. on the 25th 9 a.m., 28.866; range 1.569; mean, 29.851. Temperature max., on the 30th, 57.7; min., on the 12th, 31.8; range, 25.9; mean (by Self Registering Thermometers), 44.7, viz.: 0.1 above the average. Rainfall 1.293 in. above the average; greatest fall in 24 hours, 0.603 in. on the 20th. Mean temperature of sea-water near shore at 8 a.m., 46.5.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING APRIL, 1877, BY J. E. VIBERT, M.A., M.C.P.

Days of Month.		At 9 a.m. Local Time.		Wind.		Force, 0-12.		Cloud, 0-10.		Amount of rain, inches.		Barometer reduced to 32° and ins.		Hygrometer.		Wind.		Force, 0-12.		Cloud, 0-10.		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.		
		Dry Bulb.	Wet Bulb.	Direction.		Direction.		Dry Bulb.	Wet Bulb.	Direction.		Force, 0-12.	Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on glass.															
1	S	30.202	49.7	48.1	W.	2	10	0.017	30.169	ins.	49.1	48.1	W.	2	10	58.6	45.2	75.7	39.0	Overcast, fair, calm.		Overcast, fair, calm.		Overcast, fair, calm.		Overcast, fair, calm.		Overcast, fair, calm.		Overcast, fair, calm.		
2	M	086	53.5	52.8	N.W.	1	5	0.072	29.889	29.889	47.3	46.4	S.W.	0	0	58.3	46.8	118.4	39.8	Cloudy, very fine, warm, clear, calm.		Cloudy, very fine, warm, clear, calm.		Cloudy, very fine, warm, clear, calm.		Cloudy, very fine, warm, clear, calm.		Cloudy, very fine, warm, clear, calm.		Cloudy, very fine, warm, clear, calm.		
3	T	29.472	48.7	47.4	S.E.	3	10	0.072	29.889	29.889	52.1	50.1	S.W.	4	8	54.0	46.2	81.7	41.5	Showers, hail, cloudy, strong breeze.		Showers, hail, cloudy, strong breeze.		Showers, hail, cloudy, strong breeze.		Showers, hail, cloudy, strong breeze.		Showers, hail, cloudy, strong breeze.		Showers, hail, cloudy, strong breeze.		
4	W	125	49.8	49.0	S.E.	3	10	0.345	27.7	27.7	45.5	43.2	S.W.	4	0	52.8	43.5	67.2	39.6	Gloomy, rain, squally fair.		Gloomy, rain, squally fair.		Gloomy, rain, squally fair.		Gloomy, rain, squally fair.		Gloomy, rain, squally fair.		Gloomy, rain, squally fair.		
5	T	353	48.2	44.7	S.	5	6	0.080	4.5	4.5	45.2	42.7	S.W.	4	0	51.8	41.8	108.4	38.3	Squally, showers, solar halo, fair.		Squally, showers, solar halo, fair.		Squally, showers, solar halo, fair.		Squally, showers, solar halo, fair.		Squally, showers, solar halo, fair.		Squally, showers, solar halo, fair.		
6	F	499	45.4	43.2	S.	4	10	0.042	6.78	6.78	46.0	43.5	W.	4	0	51.8	43.0	102.7	37.5	Squally, showers, hail, fair.		Squally, showers, hail, fair.		Squally, showers, hail, fair.		Squally, showers, hail, fair.		Squally, showers, hail, fair.		Squally, showers, hail, fair.		
7	S	673	46.9	45.8	S.W.	3	10	0.200	6.78	6.78	48.3	46.2	S.E.	1	0	52.8	43.5	108.5	36.8	Heavy showers, cloudy, fair, calm.		Heavy showers, cloudy, fair, calm.		Heavy showers, cloudy, fair, calm.		Heavy showers, cloudy, fair, calm.		Heavy showers, cloudy, fair, calm.		Heavy showers, cloudy, fair, calm.		
8	S	672	47.1	46.5	S.E.	1	10	0.354	5.61	5.61	48.2	47.8	S.W.	2	0	50.9	46.2	71.0	42.5	Gloomy, rain, dead calm, fair.		Gloomy, rain, dead calm, fair.		Gloomy, rain, dead calm, fair.		Gloomy, rain, dead calm, fair.		Gloomy, rain, dead calm, fair.		Gloomy, rain, dead calm, fair.		
9	M	577	48.8	48.4	S.	1	10	0.025	6.06	6.06	47.5	47.1	S.W.	0	2	55.4	44.3	70.6	42.0	Fog, rain, cloudy, damp, fair, calm.		Fog, rain, cloudy, damp, fair, calm.		Fog, rain, cloudy, damp, fair, calm.		Fog, rain, cloudy, damp, fair, calm.		Fog, rain, cloudy, damp, fair, calm.		Fog, rain, cloudy, damp, fair, calm.		
10	T	589	50.3	49.2	S.W.	2	7	0.039	6.87	6.87	48.3	47.1	S.W.	0	2	55.7	45.9	111.0	40.8	Solar halo, cloudy, calm, fair, shower.		Solar halo, cloudy, calm, fair, shower.		Solar halo, cloudy, calm, fair, shower.		Solar halo, cloudy, calm, fair, shower.		Solar halo, cloudy, calm, fair, shower.		Solar halo, cloudy, calm, fair, shower.		
11	W	741	50.1	48.9	W.	4	10		9.07	9.07	46.4	46.0	W.	0	0	54.0	44.4	105.0	38.1	Shower, cloudy, breeze, very fine, dew.		Shower, cloudy, breeze, very fine, dew.		Shower, cloudy, breeze, very fine, dew.		Shower, cloudy, breeze, very fine, dew.		Shower, cloudy, breeze, very fine, dew.		Shower, cloudy, breeze, very fine, dew.		
12	T	993	48.6	46.8	S.E.	3	9		9.76	9.76	46.3	45.0	E.	3	0	54.0	44.4	105.0	38.1	Heavy dews, cloudy, fair, fine.		Heavy dews, cloudy, fair, fine.		Heavy dews, cloudy, fair, fine.		Heavy dews, cloudy, fair, fine.		Heavy dews, cloudy, fair, fine.		Heavy dews, cloudy, fair, fine.		
13	F	978	51.6	47.9	E.	1	5		30.030	30.030	47.7	45.2	N.	0	0	58.2	44.2	111.5	38.2	Dew, cloudy, very fine, calm.		Dew, cloudy, very fine, calm.		Dew, cloudy, very fine, calm.		Dew, cloudy, very fine, calm.		Dew, cloudy, very fine, calm.		Dew, cloudy, very fine, calm.		
14	S	30.089	50.8	46.8	N.E.	1	10	0.828	0.75	0.75	52.8	49.1	S.E.	4	3	58.8	44.6	120.7	37.8	Overcast, cloudy, fine, dry.		Overcast, cloudy, fine, dry.		Overcast, cloudy, fine, dry.		Overcast, cloudy, fine, dry.		Overcast, cloudy, fine, dry.		Overcast, cloudy, fine, dry.		
15	S	29.997	51.3	48.1	S.E.	4	10	0.502	29.771	29.771	51.7	51.3	S.	3	10	54.2	49.5	88.6	46.1	Overcast, fair, steady rain.		Overcast, fair, steady rain.		Overcast, fair, steady rain.		Overcast, fair, steady rain.		Overcast, fair, steady rain.		Overcast, fair, steady rain.		
16	M	532	48.9	48.8	S.	3	10	0.502	4.43	4.43	41.8	40.9	E.	7	10	52.1	41.0	64.4	40.0	Heavy rain, gale, stormy night.		Heavy rain, gale, stormy night.		Heavy rain, gale, stormy night.		Heavy rain, gale, stormy night.		Heavy rain, gale, stormy night.		Heavy rain, gale, stormy night.		
17	T	393	39.2	35.0	E.	7	9	0.253	4.42	4.42	42.0	39.0	N.E.	4	10	42.2	35.3	81.5	35.0	Gale, squalls, showers, hail, rain.		Gale, squalls, showers, hail, rain.		Gale, squalls, showers, hail, rain.		Gale, squalls, showers, hail, rain.		Gale, squalls, showers, hail, rain.		Gale, squalls, showers, hail, rain.		
18	W	554	41.2	40.0	N.E.	3	10	0.213	6.79	6.79	42.2	40.0	N.E.	4	10	43.0	40.0	74.3	37.1	Rain, gloomy, fair, showers.		Rain, gloomy, fair, showers.		Rain, gloomy, fair, showers.		Rain, gloomy, fair, showers.		Rain, gloomy, fair, showers.		Rain, gloomy, fair, showers.		
19	T	829	44.7	42.0	N.E.	4	10	0.123	30.112	30.112	43.4	40.6	N.E.	2	0	46.7	39.9	84.0	33.8	Gloomy, cloudy, fair, no dew.		Gloomy, cloudy, fair, no dew.		Gloomy, cloudy, fair, no dew.		Gloomy, cloudy, fair, no dew.		Gloomy, cloudy, fair, no dew.		Gloomy, cloudy, fair, no dew.		
20	F	30.205	45.5	41.7	N.E.	2	9	0.123	2.59	2.59	45.1	42.7	S.W.	0	10	51.1	41.8	116.8	35.2	Cloudy, fair, fine, s and l. halos, calm.		Cloudy, fair, fine, s and l. halos, calm.		Cloudy, fair, fine, s and l. halos, calm.		Cloudy, fair, fine, s and l. halos, calm.		Cloudy, fair, fine, s and l. halos, calm.		Cloudy, fair, fine, s and l. halos, calm.		
21	S	058	46.7	46.3	S.	2	10	0.153	29.925	29.925	49.5	49.4	W.	1	1	53.6	44.2	83.3	40.1	Rain, drizzle, cloudy, foggy, damp.		Rain, drizzle, cloudy, foggy, damp.		Rain, drizzle, cloudy, foggy, damp.		Rain, drizzle, cloudy, foggy, damp.		Rain, drizzle, cloudy, foggy, damp.		Rain, drizzle, cloudy, foggy, damp.		
22	S	29.775	52.5	51.4	W.	2	9	0.058	8.30	8.30	46.0	43.2	W.	3	1	56.8	46.0	118.0	39.4	Overcast, fair, fine, shower.		Overcast, fair, fine, shower.		Overcast, fair, fine, shower.		Overcast, fair, fine, shower.		Overcast, fair, fine, shower.		Overcast, fair, fine, shower.		
23	M	730	45.2	42.1	W.	4	10	0.003	6.32	6.32	45.7	42.4	W.	4	7	52.8	41.8	115.3	38.4	Squally, hail, cloudy, fair, breeze, shower.		Squally, hail, cloudy, fair, breeze, shower.		Squally, hail, cloudy, fair, breeze, shower.		Squally, hail, cloudy, fair, breeze, shower.		Squally, hail, cloudy, fair, breeze, shower.		Squally, hail, cloudy, fair, breeze, shower.		
24	T	686	53.2	47.8	E.	2	5		8.08	8.08	43.9	41.9	N.E.	4	5	57.2	42.1	113.3	37.7	Cloudy, clear, very fine, dew.		Cloudy, clear, very fine, dew.		Cloudy, clear, very fine, dew.		Cloudy, clear, very fine, dew.		Cloudy, clear, very fine, dew.		Cloudy, clear, very fine, dew.		
25	W	817	51.9	46.9	E.	4	1		8.10	8.10	46.5	44.0	E.	5	6	56.0	43.0	124.6	37.5	Breeze, very fine, dry, no dew.		Breeze, very fine, dry, no dew.		Breeze, very fine, dry, no dew.		Breeze, very fine, dry, no dew.		Breeze, very fine, dry, no dew.		Breeze, very fine, dry, no dew.		
26	T	848	49.0	44.0	N.E.	4	8	0.388	8.09	8.09	48.4	46.2	N.E.	4	0	56.0	43.0	124.6	37.5	Breeze, very fine, dry.		Breeze, very fine, dry.		Breeze, very fine, dry.		Breeze, very fine, dry.		Breeze, very fine, dry.		Breeze, very fine, dry.		
27	F	677	50.1	46.5	E.	5	9	0.46	6.48	6.48	49.3	48.6	S.W.	2	8	55.9	47.0	118.7	43.0	Strong breeze, fair, heavy rain, cloudy.		Strong breeze, fair, heavy rain, cloudy.		Strong breeze, fair, heavy rain, cloudy.		Strong breeze, fair, heavy rain, cloudy.		Strong breeze, fair, heavy rain, cloudy.		Strong breeze, fair, heavy rain, cloudy.		
28	S	737	53.1	51.3	W.	3	9	0.046	7.68	7.68	48.3	46.4	E.	4	10	58.2	47.1	122.2	42.3	Fair cloudy fine, slight showers.		Fair cloudy fine, slight showers.		Fair cloudy fine, slight showers.		Fair cloudy fine, slight showers.		Fair cloudy fine, slight showers.		Fair cloudy fine, slight showers.		
29	S	729	47.5	46.4	E.	4	10	0.046	8.93	8.93	47.6	46.0	N.E.	3	7	50.1	45.0	83.5	42.4	Overcast, breeze, slight showers, fair.		Overcast, breeze, slight showers, fair.		Overcast, breeze, slight showers, fair.		Overcast, breeze, slight showers, fair.		Overcast, breeze, slight showers, fair.		Overcast, breeze, slight showers, fair.		
30	M	30.078	49.8	46.0	N.E.	2	8		30.223	30.223	46.7	43.9	N.E.	1	9	53.0	45.1	115.7	42.0	Cloudy, fair, no dew, calm.		Cloudy, fair, no dew, calm.		Cloudy, fair, no dew, calm.		Cloudy, fair, no dew, calm.		Cloudy, fair, no dew, calm.		Cloudy, fair, no dew, calm.		
Sums.		892.754	1461.3	1389.8			89	259	3.845	893.319	1408.8	1354			79	135	1598.3	1314.1	3011.1	1171.2	N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.		N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.		N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.		N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.		N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.			
Means.		29.758	48.7	46.3			3	8.6	29.777	29.777	47	45.1			2.6	4.5	63.3	43.8	100.4	39.												

with a few fine dry days at intervals. Barometer max., on the 20th 4 p.m., 30.275; min on the 14th, 29.758; range, 0.517; mean, 30.017.
 on the 17th, 36.8; min. on the 14th, 35.8; range, 1.0; mean, 36.3.
 on the 15th, Mean temperature of sea-water near shore a
 ranstest fall in 24 hours, 0.828 in. on the 15th, Mean temperature of sea-water near shore a

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING MAY, 1877, BY J. E. VIBERT, M.A., M.C.P.

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.		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.		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.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.		Max. in shade.		Min. in shade.		Max. in sun.		Min. on Grass.													
T	1	ins. 30.350	47.3	43.3	N.E.	3	9	ins. 30.391	44.5	39.5	N.E.	3	5	50.8	42.7	111.8	37.1	Cloudy, fair, fine, dry.															
W	2	.332	47.1	39.8	S.E.	2	10	.208	43.2	59.0	N.E.	2	0	48.8	41.8	105.7	36.5	Cloudy, dry, fine, no dew.															
T	3	.110	47.3	41.7	E.	4	2	.015	46.4	43.2	E.	4	2	51.2	39.0	111.8	29.3	Fine, cold, breeze, dry.															
F	4	29.953	46.7	44.0	N.E.	9	1	29.870	43.0	38.8	N.E.	6	0	47.8	41.0	104.0	36.5	Fine, cold, strong breeze, very dry.															
S	5	.806	45.0	39.1	N.E.	5	5	.770	44.2	39.2	N.E.	3	1	52.6	40.8	120.2	35.2	Strong breeze, fine S. halo, fair, very dry.															
S	6	.734	49.1	41.9	N.E.	6	5	.722	46.0	42.7	N.E.	3	1	58.9	44.0	118.6	38.0	Strong breeze, S. halo, fine, dry.															
M	7	.745	54.7	49.3	N.E.	3	5	.805	48.0	45.0	N.	2	0	58.7	44.9	121.0	34.4	Very fine, S. halo, dew, calm.															
T	8	.750	55.5	49.5	E.	1	2	.640	49.3	47.9	S.E.	3	10	58.7	47.0	109.5	42.5	Fine, S. halo overcast, showers.															
W	9	.525	52.8	50.8	S.E.	3	2	.5	49.3	47.1	W.	4	4	53.3	47.0	118.8	41.1	Fine, S. halo, showers, fair, breeze.															
T	10	.638	54.7	49.3	S.	3	1	.427	47.3	46.7	N.E.	0	6	55.0	45.2	118.5	38.3	Fine, gloomy, steady rain, fair, calm.															
F	11	.573	52.6	50.1	S.W.	3	7	.111	49.0	48.4	S.W.	0	10	56.3	44.1	118.5	38.1	Fair, cloudy, showers, calm.															
S	12	.564	51.6	49.6	S.E.	2	5	.647	45.8	45.0	S.W.	0	5	53.2	45.0	101.4	40.1	Showers, gloomy, fair, calm, dew.															
S	13	.788	55.1	51.8	N.W.	2	10	.779	51.3	49.5	S.E.	0	10	59.2	45.0	117.5	40.0	Cloudy, fair, calm, met night.															
M	14	.626	49.1	48.7	S.E.	3	10	.75	51.0	50.7	W.	3	10	57.3	47.5	114.8	46.9	Rain, showers, fair, damp.															
T	15	30.010	55.0	51.9	S.W.	4	4	30.16	49.3	48.8	W	0	0	58.9	48.0	120.4	43.0	Fair, breeze, fine, heavy dew, calm.															
W	16	.187	53.6	51.6	S.W.	2	9	.139	53.8	50.9	S.W.	2	4	58.4	48.0	110.3	43.0	S. halo, cloudy, fair, showers.															
T	17	29.876	50.8	50.1	S.	3	10	29.983	50.1	49.4	W.	4	0	56.9	49.1	94.8	44.5	Rain, cloudy, fair, breeze, dew.															
F	18	30.172	58.2	53.1	W.	4	3	30.204	50.2	48.8	W.	3	5	58.6	48.6	121.0	43.2	Dew very fine, breeze, cloudy.															
S	19	.093	55.2	51.3	W.	4	9	29.993	52.0	49.0	W.	3	10	56.2	48.9	118.6	45.0	Cloudy, breeze, slight shower, overcast.															
S	20	.087	53.1	49.3	N.	3	8	30.172	50.1	47.9	N.E.	3	4	54.2	48.0	106.5	42.1	Cloudy overcast, fair fine.															
M	21	.219	52.5	48.4	N.E.	4	6	.223	50.6	48.1	N.E.	3	1	55.7	47.7	119.6	44.0	Cloudy, breeze, fine.															
T	22	.216	48.0	46.5	N.E.	3	10	.212	48.2	46.0	N.E.	3	10	51.0	46.5	78.8	40.0	Gloomy, overcast, slight showers.															
W	23	.200	48.5	45.7	N.E.	3	10	.191	47.3	43.9	N.E.	3	10	50.8	45.2	91.2	43.1	Gloomy, slight rain, overcast.															
T	24	.211	48.6	43.8	N.E.	2	9	.250	43.8	42.0	N.E.	1	0	50.9	43.0	108.3	37.6	Cloudy fair, fine, calm.															
F	25	.257	55.1	48.3	N.E.	1	8	.268	44.4	43.2	N.	0	0	55.9	42.7	114.3	35.5	Calm, cloudy, very, fine, dew.															
S	26	.246	55.7	50.7	E.	1	3	.175	47.8	46.8	N.W.	0	0	58.9	43.6	123.5	34.0	Very fine, calm, heavy dew.															
OS	27	29.984	53.5	50.1	S.W.	4	4	29.673	52.6	50.0	S.W.	6	8	62.3	45.2	119.5	35.7	Very fine, fresh breeze, S. halo, cloudy, rain.															
M	28	.474	56.2	52.8	S.W.	5	8	.612	52.0	51.0	S.W.	4	9	59.0	45.0	118.5	47.5	Fine, fresh breeze, slight showers.															
T	29	.711	54.2	50.2	S.W.	4	4	.652	49.3	48.1	S.W.	2	1	56.4	48.0	118.5	43.4	Fair S. halo, cloudy, slight showers, dew.															
W	30	.729	55.1	51.6	S.W.	3	2	.647	53.3	49.1	N.E.	1	0	60.4	47.1	117.5	40.8	Dew, clear, very fine, calm.															
T	31	.585	54.3	52.9	S.W.	4	10	628.	59.1	54.1	S.E.	4	5	63.9	51.0	128.5	43.0	Showers, cloudy, S. halo, fair, storming night.															
Sums.		927.741	1614.2	1495.2		100	191	2.155	927.451	1512.0	1439.8		76	136	1718.6	1411.5	3487.7	1236.9	N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.														
Means.		29.927	53.1	48.2		3.2	6.2		29.918	28.8	46.5		2.1	4.2	55.4	45.5	112.5	39.9															

REMARKS.—The month has been unseasonably cold and wet, but with many fine, bright days. Barometer max., on the 1st at midnight 30.416; min on the 10th, 4.30 p.m., 29.446; range, 0.970; mean, 29.923. Temperature max. on the 31st, 63.9; min. on the 3rd, 39.; range, 24.9; mean (by Self Registering Thermometers), 50.5, i.e. 3.8 below the average. Rainfall 0.359 in. above the average; greatest fall in 24 hours, 0.427 in. on the 10th. The total Rainfall from Aug. 1st to May 31st, is 38.051 in. or 10.346; above the average. Mean temperature of sea-water near shore at 8 a.m., 51.6.

June 1877

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

29.620	557	510	SW	7	10	0.010	29.988	533	501	SW	5	0	58.2	512	1040	475
30.018	572	534	SW	4	9		30.018	540	516	SW	1	0	62.2	523	1216	449
29.793	629	572	SE	2	0		29.786	552	506	NW	0	0	730	528	1265	430
727	648	582	E	3	2		830	553	522	SW	3	1	720	526	1311	461
30.062	694	550	SW	4	2	0.001	30.157	521	496	W	0	1	643	510	1250	436
108	580	542	S	3	10	0.012	115	503	491	NW	2	2	600	500	1173	440
284	568	527	SW	3	4		256	528	491	NW	1	1	613	470	1245	379
120	615	572	SE	2	6		049	601	544	NW	1	1	742	502	1269	450
204	590	566	W	1	10		183	557	544	N	1	1	638	522	1246	487
170	611	582	NW	2	10		160	552	533	N	2	0	675	539	1305	466
105	639	592	NW	2	1	0.143	29.943	652	620	NW	3	10	720	540	1245	516
29.956	709	663	SE	1	10		966	562	558	W	1	10	714	557	1357	571
981	597	589	SE	4	10	0.004	992	589	580	NW	2	10	692	537	1344	540
478	651	620	NW	4	5		30.020	595	570	NW	3	0	695	570	1310	560
30.065	666	602	NW	4	2		046	611	571	NW	3	0	725	568	1307	537
035	300	612	E	4	0		29.978	632	585	NW	3	1	227	583	1293	543
29.978	678	640	NW	1	5		30.002	594	571	N	1	4	247	594	1345	532
30.042	641	599	SW	2	7		116	562	552	W	1	10	692	546	1365	520
140	613	582	W	2	10		670	582	561	SE	0	3	680	551	1372	540
112	671	603	S	0	3	0.093	29.978	631	594	SE	1	10	711	531	1330	469
29.902	627	617	SE	0	10	0.172	823	595	584	SE	0	6	675	545	1182	560
721	593	580	SW	4	10		770	564	558	W	4	10	640	558	1208	532
909	601	570	NW	3	9	30.060	590	494	W	0	0	0	643	510	1245	489
30.177	612	543	N	2	4		57	508	511	NW	0	0	635	510	1213	394
265	609	538	NW	2	3		742	528	514	NW	0	0	638	478	1195	392
272	612	570	SW	2	7		227	540	530	NW	1	1	656	502	1285	425

Cloudy. Fair
 Cloudy breeze, fair fine night
 Very fine, warm, fair
 Very fine, cloudy, warm, dry
 Breeze very strong, cloudy, calm
 Overcast, gloomy, fair
 Extremely fine, clear, calm
 Very fine, cloudy, calm
 Overcast, very fine, calm
 Overcast, clear, extremely fine
 Very fine
 Very fine cloudy, calm
 Fair, fair overcast
 Moderate breeze, very fine, dry
 Fresh breeze, very fine, dry
 Moderate breeze, very fine, dry
 Calm, cloudy, fair, warm
 Cloudy calm, fair, foggy
 Overcast, cloudy, fair, calm
 Calm, very fine, overcast
 Fair, fair fine
 Fair, overcast, breeze, drizzle
 Cloudy, fair, very fine, calm
 Clear, very fine, cool, calm
 Cloudy, fine, clear, calm
 Cloudy, very fine, calm

30.027 622 558 2.5 5 29.943 30.042 566 543 46 23.2 675 532 1266 482

7.11.000 10.57

Mean

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JULY, 1877, BY J. E. VIBERT, M.A., M.C.P.

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. L.	Dry Bulb.		Wet Bulb.		Direction.	Force, 0-12.	Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on Grass.	
		ins.	°	°	°			°	°	°	°								
S	1	30.056	64.0	62.0	W.	0.020	ins. 30.074	59.0	57.3	0	10	W.	0	10	68.0	55.7			Cloudy, overcast.
M	2	30.068	65.0	59.0	N.W.		.106	58.5	57.4	3	0	W.	3	0	69.5	55.4			Fine, clear.
T	3	30.128	65.2	60.3	S.W.		.098	59.0	57.5	2	10	W.	2	10	69.2	54.3			Cloudy, fair.
W	4	30.086	64.0	60.4	W.	0.010	.084	54.3	53.0	0	1		0	1	68.7	53.2			Fair, clear, calm.
T	5	30.032	64.6	59.0	S.W.	0.320	.29.966	58.7	58.6	0	9	W.	0	9	65.6	49.0			Fine, cloudy, rain.
F	6	29.942	59.7	56.5	W.		30.120	55.1	52.0	2	0	W.	2	0	65.2	51.7			Fair, clear.
S	7	30.211	62.8	58.4	W.		.261	50.6	49.8	1	0	W.	1	0	64.8	47.9			Clear, fine.
S	8	31.1	62.5	56.1	W.		.361	54.4	52.5	0	1	W.	0	1	65.8	48.8			Clear, calm, fine.
M	9	30.407	63.3	57.0	W.		.380	57.0	55.8	1	10	W.	1	10	68.2	45.5			Cloudy, overcast.
W	10	32.3	65.0	61.8	S.W.		.222	53.4	52.6	0	0	W.	0	0	70.3	48.3			Fine, clear.
T	11	31.158	67.4	60.5	W.		.112	56.4	55.7	1	0	W.	1	0	70.0	46.1			Cloudy, fine, calm.
T	12	32.022	63.0	59.0	S.W.		29.862	60.0	58.0	4	7	S.W.	4	7	70.6	53.5			Overcast, fair.
F	13	29.878	64.6	60.0	S.W.	0.070	.820	63.2	61.8	4	10	S.W.	4	10	69.2	57.5			Overcast, fair.
S	14	32.2	63.0	63.0	S.W.	0.590	.255	61.8	61.7	4	10	S.W.	4	10	64.4	60.7			Overcast, rain.
S	15	34.1	62.2	61.0	S.W.	0.080	.444	58.6	58.1	4	10	S.W.	4	10	67.0	56.8			Cloudy, fair, shower.
M	16	35.466	59.5	58.0	S.W.	0.400	.586	59.3	59.0	4	10	W.	4	10	60.6	56.8			Overcast, rain.
J	17	37.35	60.0	59.4	W.	0.010	.920	57.4	55.9	3	3	W.	3	3	64.6	56.3			Overcast, fair.
W	18	30.030	60.0	60.0	W.	0.340	.961	59.5	59.5	1	10	W.	1	10	63.7	55.2			Overcast, rain.
T	19	29.951	60.3	60.0	W.	0.030	.963	60.2	60.1	3	10	W.	3	10	63.0	57.8			Overcast, rain.
F	20	30.070	60.8	56.7	N.W.		30.157	53.8	53.2	2	0	W.	2	0	64.9	53.5			Very fine, breeze, clear, dew.
S	21	31.136	64.7	58.1	S.		.065	61.9	59.1	3	0	S.	3	0	67.5	50.2			Very fine, calm, clear.
S	22	29.908	64.8	59.9	S.E.		29.900	64.7	59.8	3	10	S.W.	3	10	70.1	55.2			Cloudy, breeze, fair, overcast.
M	23	30.730	63.5	61.7	S.	0.175	.549	62.2	61.5	4	10	S.W.	4	10	66.8	60.2			Overcast, fair, breeze, rain.
T	24	30.705	61.3	58.5	S.W.	0.040	.871	57.3	56.0	2	1	S.W.	2	1	65.2	55.3			Breeze, cloudy, showers, fine, solar halo.
W	25	30.036	62.3	59.1	S.W.	0.246	30.110	60.2	57.3	4	10	S.W.	4	10	67.7	57.1			Cloudy, fair, solar halo; showers, squally.
T	26	30.017	61.7	61.1	S.W.	0.067	.260	58.5	56.5	3	8	S.W.	3	8	66.1	57.0			Overcast, squally, fine, cloudy, dew.
F	27	30.237	61.6	61.2	N.W.		.251	58.3	57.9	1	6	N.W.	1	6	67.0	56.4			Rain, a.m., overcast, fine, dew, lunar halo.
S	28	30.307	65.0	60.0	N.W.	0.008	.307	60.7	60.4	3	10	W.	3	10	67.	53.9			Fair, cloudy, damp mist.
S	29	30.377	64.3	62.7	N.W.		.404	58.2	58.0	0	10	S.W.	0	10	68.	58.2			Calm, overcast, fair, damp mist.
M	30	30.367	61.0	59.9	S.E.		.246	65.3	63.9	0	0	E.	0	0	67.	57.2			Mist, fair, calm, very fine, dew.
T	31	31.108	71.8	65.4	S.E.		29.935	67.0	65.0	0	0	S.E.	0	0	81.	63.2			Extremely fine, dead calm, hot.
Sum.		360.998	762.8	724.3		0.53	361.055	728.1	708.6		65		23	65	819.2	677.4	1456.4	637.0	N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.
Means.		30.083	63.6	60.4		7.3	30.088	60.7	59.1		5.4		1.9	5.4	68.3	56.5	121.4	53.1	

REMARKS.—The weather though fine on many days, has been unusually damp and cloudy. Barometer max., on the 29th, at 9 p.m. 30.404; min., on the 14th, at 9 p.m. 29.255; range, 1.149; mean, 30.086. Temperature max., on the 31st, 81.1°; min., on the 21st, 50.2°; range, 30.9°; mean (by Self Registering Thermometers), 62° 4, i.e., 1.4° below the average. Rainfall for the month at St. Aubin's, 2.503 in., i.e., 0.884 in. above the average. Mean temperature of sea-water near shore at 8 a.m., 61.96.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING AUGUST, 1877, BY J. E. VIBERT, M.A., M.C.P.

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.		Hygrometer.		Wind.		Height of Barometer cistern above mean sea level, 125 feet.	
Wet Bulb.		Wet Bulb.		Direction.		Height of Thermometers above ground, 4 feet.	
Dry Bulb.		Dry Bulb.		Force, 0-12.		Height of Rain Gauge above ground, 1 foot.	
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.		Cloud, 0-10.			
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
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Direction.		Direction.					
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Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					
Direction.		Direction.					
Force, 0-12.		Force, 0-12.					
Cloud, 0-10.		Cloud, 0-10.					
Wet Bulb.		Wet Bulb.					
Dry Bulb.		Dry Bulb.					
Barometer reduced to 32° and S. L.		Barometer reduced to 32° and S. L.					
Amount of rain, inches.		Amount of rain, inches.					
Wind.		Wind.					

REMARKS.—The month has been fine on the whole, though rather cloudy, and with a variable mean daily temperature. Barometer max. on the 23rd, at 9 p.m. 30.227; min. on the 25th, at 10.30 a.m. 29.363; range, 0.864; mean, 29.974. Temperature max. on the 20th, 79.0°; min. on the 24th, 51.6°; range, 27.4°; mean (by Self

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING SEPTEMBER, 1877, BY J. E. VIBERT, M.A., M.C.P.

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.		Hygrometer.		Wind.		Amount of rain, inches.		Barometer reduced to 32° and ins.		Hygrometer.		Wind.		Amount of rain, inches.		Barometer reduced to 32° and ins.		Dry Bulb.		Wet Bulb.		Direction.		Force, 0-12.		Cloud, 0-10.		Max. in shade.		Min. in shade.		Max. in sun.		Min. on Grass.							
		S. L.		Direction.		Force, 0-12.		ins.		S. L.		Direction.		Force, 0-12.		ins.		°		°		°		°		°		°		°		°		°							
S	1	30.186	60.0	53.6	N.W.	2	7	0.001	30.140	54.8	50.1	SE	0	10	65.9	49.8	120.7	40.0	Slight shower, fine, S. halo, calm, clear.																						
S	2	.061	63.0	54.1	S.W.	2	6	0.517	29.831	58.4	54.1	N.W.	3	10	65.7	51.8	122.5	42.4	Cloudy, fair, rain, squally.																						
M	3	29.842	56.7	51.6	N.W.	5	8	0.023	30.143	52.6	48.3	N.W.	4	5	61.2	49.7	118.4	46.5	Very squally, showers cloudy, fair.																						
T	4	30.353	60.1	51.6	N.E.	2	4		.405	50.3	48.0	N.	1	0	61.9	49.5	121.6	40.3	Fair clear, very fine, calm.																						
W	5	.396	62.4	51.8	S.E.	1	1		.237	55.0	51.1	N.E.	2	0	68.8	48.9	121.3	36.8	Extremely fine, calm, clear.																						
T	6	.044	62.2	54.8	S.E.	2	0		29.868	57.6	52.9	N.E.	4	7	64.3	51.4	118.3	41.3	Very fine, cloudy, breeze, fair.																						
F	7	29.790	60.1	56.0	N.E.	4	9	0.169	.699	58.7	51.1	N.W.	6	10	65.0	55.0	120.1	49.2	Cloudy Overcast, strong breeze, rain.																						
S	8	.770	57.0	54.6	N.E.	7	10	0.282	.873	56.2	55.3	E.	5	10	59.1	51.2	67.9	54.1	Moderate gale, rain, gloomy.																						
S	9	.921	60.9	59.2	E.	1	0	0.001	30.097	57.0	56.0	E.	0	0	67.2	55.3	123.2	53.4	Cloudy, calm very fine, dew.																						
M	10	30.033	63.1	59.9	S.E.	2	6	0.030	29.981	62.3	60.0	S	2	10	65.0	53.9	113.8	46.0	Heavy dew, calm, fog, fair, overcast.																						
T	11	29.818	61.3	59.9	S.E.	2	0	0.052	.903	61.0	57.0	S.W.	6	0	68.0	58.2	124.3	54.7	Showers, fair fine, breeze.																						
W	12	30.017	62.1	57.8	S.W.	4	4	0.031	30.094	59.8	57.0	W	5	0	68.2	58.2	124.3	54.7	Breeze, fine, cloudy showers, fair.																						
T	13	.155	62.9	59.0	S.W.	4	9		.134	61.6	58.0	S.W.	5	2	67.5	58.5	110.5	55.0	S. halo, overcast, cloudy, fair, breeze.																						
F	14	.127	64.4	60.4	S.W.	4	2	0.012	.111	63.3	59.4	S.W.	3	4	70.0	60.0	123.2	55.7	Fine, cloudy, warm, dry.																						
S	15	.043	62.2	59.7	W.	3	9		.240	66.2	64.8	N.W.	1	1	65.9	55.5	125.2	48.0	Drizzle, cloudy, fine, dew.																						
S	16	.329	63.7	57.8	N.E.	2	0		.313	56.3	53.1	N.E.	1	0	65.0	55.6	118.4	48.9	Extremely fine calm, dew.																						
M	17	.310	59.4	55.0	N.E.	3	9		.331	57.1	52.8	N.E.	3	10	62.3	54.0	115.7	43.0	Cloudy, fair, breeze.																						
T	18	.200	59.9	54.3	N.E.	4	8		.289	55.0	50.7	N.E.	2	1	61.0	54.1	122.1	45.2	Cloudy, breeze fair, dry.																						
W	19	.190	61.6	57.3	N.	2	1	0.002	.032	55.9	54.4	N.E.	2	1	61.0	54.1	122.1	45.2	Misty, fair, fine, overcast, calm.																						
T	20	29.918	59.2	56.1	N.E.	0	10	0.002	29.757	56.5	53.8	N.W.	1	10	63.4	55.8	106.6	52.1	Overcast, calm, fair, slight shower.																						
F	21	.835	54.3	48.1	N.E.	3	4		.907	51.6	46.7	N.E.	1	4	67.8	60.0	115.8	39.9	Cloudy, fair, calm, dry, cold.																						
OS	22	976	52.9	47.6	N.E.	3	5	0.001	30.018	50.1	44.0	N.	1	1	57.0	48.2	116.0	39.7	Cloudy, fine, clear, dry, cold.																						
S	23	30.048	55.2	52.0	N.E.	1	10	0.376	.130	54.4	51.4	N.	0	9	63.1	47.2	117.0	34	Cloudy, fine, calm rain.																						
M	24	.079	54.2	51.6	N.E.	1	9	0.075	.235	50.4	45.1	N.E.	2	0	63.1	49.9	110.5	41.0	Rain, cloudy fair, very fine.																						
T	25	.268	59.9	53.3	N.E.	1	0		.260	52.3	48.9	N.E.	2	0	62.9	48.1	111.6	39.0	Rain, very fine, cloudy, calm.																						
W	26	.308	59.2	54.8	N.E.	0	7		.348	54.6	51.1	N.E.	3	0	64.9	51.2	117.4	43.0	Extremely fine, clear.																						
T	27	.384	59.2	52.1	E.	2	0		.336	54.3	51.3	N.E.	2	0	63.1	50.2	108.5	40.4	Moderate breeze very fine, clear.																						
F	28	.288	57.2	49.4	N.E.	4	0		.213	56.5	52.7	N.E.	3	0	62.0	41.7	111.5	40.1	Heavy dews, extremely fine.																						
S	29	.172	58.7	52.6	E.	2	0		.136	56.4	54.9	E.	1	0	64.7	48.5	113.7	37.0	Fair, cloudy, calm, dew.																						
S	30	.138	62.6	55.3	E.	3	2		.146	55.7	54.6	E.	1	2	65.6	52.8	123.0	43.1																							
Sums.		903.099	1795.6	1641.3		77	160	1.575	903.000	1679.8	576.6		68	125	197.6	1579.6	3483.9	1351.6	N.B.—The necessary corrections for "index error" have been applied to all the instruments.																						

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING OCTOBER, 1877, BY J. E. VIBERT, M.A., M.C.P.

Days of Week.	Days of Month.	At 9 a.m. Local Time.				Amount of rain, inches.	Barometer reduced to 32° and S. L.	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.
		Hygrometer.		Wind.	Force, 0-12.			Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on grass.				
		Dry Bulb.	Wet Bulb.															Dry Bulb.	Wet Bulb.
M	1	61.7	57.3	N.E.	4	30.176	30.167	55.2	53.5	N.E.	2	0	65.0	64.2	116.8	47.1	Heavy dews, cloudy, very fine.		
T	2	58.9	54.1	E.	0	30.141	30.167	53.6	50.1	N.E.	3	0	63.9	62.0	107.3	42.7	Dew, extremely fine, breeze.		
W	3	57.1	52.3	E.	0	30.007	30.101	52.0	49.1	E.	1	0	59.8	49.8	108.6	41.1	Heavy dews, clear, very fine, breeze, calm night.		
T	4	59.4	53.9	N.E.	0	30.157	28.7	53.8	49.8	N.E.	2	0	61.7	49.2	110.4	40.0	Slight shower, cloudy, fair, fine.		
F	5	55.3	51.1	E.	5	30.374	28.7	55.5	52.8	E.	4	1	61.7	51.5	111.0	42.4	Very fine, breeze.		
S	6	57.2	51.4	N.E.	1	30.585	27.3	54.3	50.1	N.E.	2	0	61.2	48.5	111.2	41.2	Breeze very fine, dry.		
S	7	57.7	52.1	N.E.	0	30.563	27.6	53.3	51.1	N.E.	1	2	60.1	48.4	109.8	39.7	Fine, S. halo, cloudy, fair, calm.		
M	8	56.8	53.0	N.	10	30.250	27.6	52.0	45.5	N.E.	3	4	59.2	61.2	96.5	45.1	Breeze gloomy, fair, dry.		
T	9	53.8	47.8	N.E.	5	30.333	33.2	50.8	43.0	N.E.	2	2	55.5	49.2	113.7	41.3	Cloudy, fair, fine, dry.		
W	10	53.6	50.3	N.	0	30.115	1.00	54.3	51.0	S.W.	2	10	55.6	47.8	67.5	37.8	Overcast, gloomy, fair.		
T	11	55.9	47.8	N.W.	5	30.135	1.37	52.3	48.9	W.	1	10	62.0	51.1	118.3	43.2	Showers, fine, cloudy, calm.		
F	12	57.4	52.6	N.W.	0	30.098	1.55	55.7	52.1	W.	4	2	61.7	50.1	100.8	44.5	Showers, cloudy, fine, breeze.		
S	13	57.5	53.3	S.W.	0	29.980	1.55	56.7	52.1	S.W.	2	0	61.6	53.1	112.5	44.0	Very clear breeze, cloudy, fine.		
S	14	60.0	54.9	S.	1	30.914	1.65	47.3	44.0	S.	5	6	67.3	54.3	112.7	40.0	Very fine, breeze, stormy night.		
M	15	51.2	49.3	W.	10	30.935	30.238	45.2	42.5	W.	1	3	56.7	41.4	100.8	36.4	Showers, squally, fair.		
T	16	52.3	50.1	W.	9	30.250	43.3	45.2	42.5	N.	1	9	56.0	43.0	107.5	32.7	Showers squally, fine, calm.		
W	17	52.4	46.2	W.	0	30.494	43.6	48.1	44.9	N.E.	1	0	55.9	45.9	101.7	34.9	S. halo, calm, cloudy, slight shower, fair.		
T	18	51.3	45.0	S.	5	30.390	31.0	48.1	43.9	E.	1	0	51.8	45.9	93.4	35.1	Cloudy, very fine, calm.		
F	19	49.3	43.2	S.E.	10	30.311	29.0	48.0	41.7	S.E.	2	0	57.4	45.7	93.4	35.1	Cloudy, S. halo, very fine clear, dry.		
S	20	54.6	43.6	S.E.	2	30.218	1.75	53.3	46.4	S.	2	1	57.4	41.9	103.5	33.6	Very fine, clear, lunar halo.		
S	21	53.6	51.5	S.	1	30.044	20.907	56.9	53.3	S.	3	10	56.9	50.0	63.4	43.5	Breeze, overcast, rain, squally.		
OM	22	58.5	56.1	S.W.	8	29.979	9.25	53.2	52.1	S.	0	3	63.0	53.0	108.1	44.4	Cloudy, fair, rain, calm fine.		
T	23	57.0	54.5	S.	10	30.628	5.94	53.1	48.5	S.W.	4	9	56.9	49.0	102.8	40.5	Gloomy, heavy, showers, breeze, fair.		
W	24	56.3	48.9	W.	4	30.699	5.45	53.5	50.8	S.W.	5	10	57.6	45.0	102.0	35.8	Cloudy, showers, squally night.		
T	25	57.3	57.0	S.W.	3	30.299	5.41	54.1	53.1	N.W.	2	8	57.9	52.2	73.5	49.1	Rain, gloomy, showers, fair.		
F	26	53.9	52.1	N.W.	0	30.878	30.632	52.3	48.8	N.W.	1	4	63.2	51.2	113.3	42.6	Fine, slight shower, cloudy, calm.		
S	27	55.2	52.1	S.W.	4	30.032	0.47	53.8	52.2	W.	2	4	59.0	51.5	105.7	44.9	Breeze, cloudy, heavy showers, fair.		
S	28	59.2	53.8	W.	1	30.032	1.19	54.5	52.1	W.	1	8	64.0	51.0	110.3	42.6	Fair, cloudy, calm, mild.		
OM	29	55.5	51.9	S.	3	30.967	29.761	57.3	57.3	S.W.	0	10	58.8	54.0	63.5	46.3	Rain, gloomy, very damp, calm night.		
T	30	55.3	51.7	S.W.	3	30.999	29.73	58.4	54.5	S.W.	5	7	62.1	53.0	63.8	46.5	Cloudy, overcast, drizzle, squally.		
W	31	55.4	51.1	N.W.	4	30.316	30.448	53.3	54.8	W.	1	9	60.1	52.1	110.4	41.3	Cloudy, fair, light showers, overcast.		
Sums.		1735.6	1601.5		79.184	933.671	1651.2	1547.0			86	134	1862.8	1543.4	3145.3	1297.1	N.B.—The necessary corrections for "index error" have been applied to all the instrument readings.		
Means.		56.0	51.8		2.6	30.118	53.4	49.9			2.1	4.3	60.1	49.8	101.5	41.8			

Barometer max. on the 6th at 11 15 p.m. 32.607.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING NOVEMBER, 1877, BY J. E. VIBERT, M.A., M.C.P.

Days of Week.	Days of Month.	At 9 a.m. Local Time.					Amount of rain, inches.	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.		
		Hygrometer.		Wind.	Barometer reduced to 32° and S. L.	Hygrometer.		Wind.	Barometer reduced to 32° and S. L.	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.			Dry Bulb.													Wet Bulb.
T	1	30.505	51.4	49.0	N.	1	9	30.465	51.1	46.7	S.W.	0	10	56.9	49.9	81.3	42.2	Overcast, cloudy, fair, calm.	
F	2	.263	53.3	48.3	S.E.	4	4	29.991	54.5	49.9	N.	1	8	54.7	48.0	109.2	38.4	Breeze, cloudy, fair.	
S	3	1.146	55.0	48.3	N.E.	2	1	30.173	47.6	44.0	S.W.	1	1	56.1	45.3	105.5	35.5	Shower, very fine fine S. halo, calm, dew.	
S	4	29.985	51.3	44.2	S.	10	10	29.865	53.3	52.1	S.W.	4	0	54.5	44.5	104.6	34.9	Overcast, fair, breeze, drizzle, fine.	
M	5	.929	53.5	51.9	S.W.	3	3	.995	53.8	51.7	S.W.	4	0	59.6	51.2	103.7	45.8	Cloudy, fine, breeze, dew.	
T	6	.897	56.4	55.3	S.W.	4	10	.825	56.9	55.1	S.W.	3	10	59.8	52.5	78.9	47.8	Squally, rain, gloomy, fair, showers.	
W	7	.741	55.2	54.9	S.W.	2	10	.815	52.4	50.4	S.W.	1	5	56.8	51.7	68.8	45.0	Rain, gloomy, fair, calm, showers.	
T	8	.935	55.6	51.1	S.W.	3	2	.968	53.3	49.7	S.W.	3	10	53.1	50.0	102.4	42.6	Very fine, clear breeze, cloudy.	
F	9	.775	55.1	53.8	S.W.	5	10	.613	54.3	52.8	S.W.	4	10	56.2	51.8	70.0	47.2	Squally, rain, fair, stormy night.	
S	10	.563	55.8	51.7	S.W.	6	3	.595	53.3	49.9	S.W.	7	10	55.5	51.0	82.5	47.6	Squally, fair, S. halo, stormy night.	
S	11	.463	52.4	50.2	S.W.	9	10	28.929	55.3	53.6	S.W.	7	10	55.4	43.3	101.8	40.1	Rain, stormy, gale, heavy squalls.	
M	12	.065	49.3	44.2	S.W.	6	9	29.138	50.3	46.2	S.W.	7	7	58.9	45.8	100.3	37.6	Hail fair, squally, gale, showers.	
F	13	.423	52.5	49.4	W.	1	5	.796	46.8	44.0	W.	1	4	57.7	44.4	103.8	34.3	Hail, calm, fair, showers, lightn., lunar rainbow	
W	14	30.147	51.0	49.1	S.	0	4	30.298	51.3	48.1	S.	2	2	56.0	40.2	74.4	45.3	Calm, very fine, clear, breeze.	
T	15	.406	52.1	50.3	S.	3	10	.389	54.8	53.1	S.W.	1	10	57.9	49.1	82.4	42.4	Shower, overcast fair, mild.	
F	16	.366	55.0	54.8	S.W.	2	10	.476	50.3	47.4	N.E.	2	0	52.4	45.7	97.2	38.5	Drizzle, misty, overcast.	
S	17	.448	49.8	47.2	N.E.	1	1	.311	46.2	46.0	E.	1	6	53.7	45.0	66.5	42.0	Heavy dew, fine, cloudy.	
S	18	.215	52.0	51.4	S.W.	2	1	.186	50.5	48.9	N.W.	1	10	51.1	45.0	62.6	39.7	Drizzle, overcast, fair, rain.	
M	19	.062	50.4	49.0	S.W.	3	10	29.909	48.3	44.8	N.W.	1	9	50.7	46.0	97.6	36.0	Showers, gloomy; fair, squally.	
O	20	29.773	46.1	42.0	N.W.	3	5	.981	46.0	41.7	N.W.	3	3	54.2	41.5	60.5	35.0	Hail, fair, breeze very clear, showers.	
T	21	.918	41.2	43.8	S.	3	10	.713	53.7	52.8	S.W.	7	10	54.2	43.0	60.5	35.0	Gloomy, rain, gale, stormy night.	
W	22	.555	52.4	49.3	W.	5	10	.549	51.3	45.7	W.	6	8	55.1	48.1	73.3	43.0	Gale, squally, showers, lightning.	
T	23	.849	50.3	45.0	W.	3	6	.875	46.4	43.8	W.	1	10	51.6	45.0	83.2	39.8	Showers, cloudy, fair, wet night.	
F	24	.461	48.0	47.7	S.	3	6	28.959	45.2	44.0	S.W.	7	10	51.8	42.5	56.0	41.1	Gloomy, rain, squalls, stormy night.	
S	25	.888	44.5	39.3	N.	3	5	30.117	44.2	40.3	N.	1	2	51.0	42.2	91.7	33.9	Fine, cloudy, fair, calm.	
M	26	31.029	47.3	45.0	S.	3	9	29.524	49.2	48.3	S.W.	8	10	50.8	41.5	80.5	30.3	Shower cloudy, fair, rain, squally, gale.	
W	27	29.456	53.7	43.5	S.W.	3	3	.345	50.2	48.3	S.W.	3	9	55.2	48.2	69.0	47.3	Overcast, fair, gloomy, rain, fine.	
T	28	.435	48.3	43.5	W.	4	2	.315	48.1	45.3	S.W.	4	0	51.8	44.7	98.5	37.2	Fine, hail showers, clear, stormy night.	
F	29	28.983	47.3	43.0	W.	4	4	.152	45.3	42.9	S.W.	6	5	50.0	41.7	68.8	35.1	Squally, showers, hail, strong breeze.	
S	30	29.283	46.9	41.7	W.	4	9	.324	45.7	45.0	W	4	10	54.2	44.9	93.4	37.6	Lightning thunder, hail, heavy showers, squally	
Suns.		894.93	1542.1	1450.9		91	218	893.531	1507.6	1435.5		103	199	1646.1	139	2532.5	1203.5	N.B.—The necessary corrections for "index error" have been applied to all the instrument readings.	
Mean.		29.533	51.4	48.4		3.0	7.3	29.734	50.3	47.8		3	66	54.9	46.6	84.4	40.3		

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING DECEMBER, 1877, BY J. E. VIBERT, M.A., M.C.P.

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. 13° 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.
		Barometer reduced to 32° and S. L.	Hygrometer.	Wind.	Cloud, 0-10.	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.				
		Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.		Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on Grass.			
S	1	29.252	47.5	N.	4	0.054	47.4	43.4	N.	3	51.0	44.3	98.1	39.1	Gloomy, fair, fine, breeze.		
S	2	29.873	47.0	N.	3	0.035	47.3	43.8	N.E.	5	49.8	44.0	88.2	39.5	Mail cloudy, fair, shower, breeze		
M	3	30.160	47.3	N.E.	2	0.028	47.6	45.0	N.E.	1	49.5	45.0	87.8	38.7	Overcast, fair, slight showers, calm.		
T	4	30.051	47.0		0	0.028	45.7	43.8		0	49.8	42.8	99.2	38.0	Slight rain, cloudy, fair, calm.		
W	5	29.029	46.9		0	0.300	48.3	46.0	S.E.	4	51.1	42.3	94.5	33.0	Foggy, dew, fair, s. hale, wet night.		
T	6	29.614	53.5	S.W.	3	0.017	51.5	46.8	W.	3	54.9	45.3	85.3	45.8	Cloudy, drizzle, fair, very mild.		
F	7	30.039	50.3	S.W.	2	0.121	46.3	45.7		0	51.7	45.6	58.0	37.1	Overcast, gloomy, rain, calm, fair.		
S	8	30.000	48.6		0		45.2	42.0		0	53.0	41.9	93.3	29.8	Heavy dew, cloudy, calm, fair, fine.		
S	9	29.254	46.9	S.E.	4		45.2	42.0	S.E.	3	47.0	43.8	75.3	35.1	Dew, very fine, breeze.		
S	10	28.912	40.3	E.	4		44.9	39.8		0	44.7	36.0	83.1	29.0	Dew, very fine, cloudy, calm.		
M	11	30.153	45.4		0	0.176	47.8	43.8	S.W.	4	51.2	38.3	89.8	29.2	Overcast, fair, l. halo, wet, squally night.		
W	12	29.980	49.9	W.	2	0.129	43.0	41.3	W	1	50.7	42.5	60.0	34.2	Rain, gloomy, slight showers, fair.		
T	13	30.082	46.8	W.	5	0.106	42.2	39.9	N.W.	1	51.4	41.0	92.7	35.1	Rail, fair, showers squally, s.l.m.		
F	14	30.336	45.3	N.W.	0	0.013	41.9	38.7	N.W.	4	50.6	40.8	93.5	32.2	Cloudy, fine, hail clear.		
S	15	29.609	43.7	N.W.	1	0.024	48.1	44.1	W.	4	51.8	39.5	95.3	27.6	Heavy dew, cloudy, fair, breeze.		
S	16	29.568	49.0	N.W.	1	0.081	50.1	46.2	N.W.	3	53.0	47.8	79.1	40.3	Shower overcast, fair, s. and l. halos.		
M	17	29.522	48.2	N.W.	1	0.081	49.2	43.9	N.W.	1	50.0	45.0	56.2	37.3	Gloomy, fair, drizzle, very damp.		
T	18	29.603	46.7	N.	1	0.073	43.2	41.1	N.	1	50.1	41.2	92.5	32.3	Cloudy, fair, calm, dew.		
W	19	29.629	44.6		0	0.019	46.0	43.4	N.E.	1	51.7	41.9	88.0	32.6	Cloudy, fair, calm		
T	20	29.699	45.2	S.W.	2	0.005	44.7	43.5		0	46.8	43.3	52.6	41.5	Scotch mist, gloomy, fair, calm.		
F	21	29.582	47.8		0	0.005	46.7	45.5		0	48.1	43.5	58.0	39.2	Overcast gloomy, fair.		
S	22	29.454	48.3		0	0.120	49.5	47.9	S.W.	4	49.5	45.1	58.8	43.0	Calm, gloomy, fair, breeze, rain.		
S	23	29.137	51.0	N.W.	2	0.014	43.2	39.5	N.E.	1	51.7	41.5	62.6	34.4	Overcast, slight rain, cloudy.		
M	24	29.149	46.7	W.	5	0.087	42.0	38.3	N.W.	2	48.2	41.3	54.5	34.5	Strong breeze, gloomy, squalls, fair.		
T	25	29.924	42.3	N.	1	0.605	42.6	41.3	N.W.	2	47.8	37.2	87.3	27.6	Fine, gloomy, rain, hail squally.		
W	26	29.547	45.0	N.W.	4	0.129	44.2	40.7	W.	2	47.5	39.9	86.8	36.5	Hail, fair, heavy showers, fine night.		
F	27	29.741	43.4		0	0.007	42.7	38.5	N.W.	2	45.2	40.0	51.5	33.3	Overcast, drizzle, calm, fair.		
F	28	30.128	43.0	S.W.	0	0.243	51.3	50.9	S.W.	4	51.7	38.4	82.5	29.9	Misty, fair, rain, mild, wet night.		
S	29	29.838	51.0	S.W.	3	0.016	49.1	48.1	S.W.	4	53.8	50.0	83.0	46.4	Misty, drizzle, very mild, fair.		
S	30	29.944	51.3	S.W.	2	0.560	49.1	48.1	S.W.	3	52.3	48.3	62.8	47.1	Overcast heavy rain, squally.		
M	31	30.244	47.3	N.W.	2		42.8	40.2	N.W.	1	51.2	42.0	92.4	32.0	Very fine, calm, mild, clear.		
Sums.		934.353	1380.9		51	3.02	1426.7	1347.4		6	1556.8	1317.6	2142.7	1102.3	N.B.—The necessary corrections for "index error" have been applied to all the instrumental readings.		
Means.		30.140	44.5		1.6	7.9	46.0	43.5		2.0	50.2	42.5	78.8	35.8			

REMARKS.—The month has been calm, cloudy and very mild. Barometer max. on the 20th at 9 a.m. 30.699; min. on the 1st, at 3.45 a.m. 29.153; range 1.543; mean, 30.149. Therm. max on the 6th, 54° 9; min. on the 10th 38; range, 18° 9; mean, 46° 4, i.e., 3° 3 above the average. Rainfall 0.578 in below the average; great at fall in 24 hours 0.805 on the 26th. Rainfall for 1877, 35.21 inches, i.e., 3.8, above the average. Mean temperature of sea-water near shore at 8 a.m., 49.3.