

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JANUARY, 1878, BY J. E. VABERT, 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°	Dry Bulb.	Wet Bulb.	Wind.	Force, 0-12.	Amount of rain, inches.	Barometer reduced to 32°	Dry Bulb.	Wet Bulb.	Wind.	Force, 0-12.	Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on Grass.						
L	1	30.394	46.2	43.3	S.	9		ins. 30.318	43.2	40.3	S.	3	0	46.7	41.1	78.3	31.0	Cloudy, a halo, fine.					
W	2	44.5	41.5	39.4	S.	9		45.5	44.1	40.4	S.W.	2	0	46.0	38.4	77.6	31.6	Dews, calm, very fine.					
T	3	41.1	45.5	42.1	S.W.	2		.190	45.9	44.3	S.W.	4	0	48.8	40.2	89.5	32.7	Fine, a halo, overcast, breeze.					
F	4	29.80	50.1	50.0	S.W.	3	0.326	.098	49.3	49.1	N.	1	10	52.3	43.8	63.0	43.3	Rain, mist, very damp.					
S	5	30.189	48.0	47.9	S.W.	0	0.061	.155	47.4	47.3	S.W.	0	10	50.0	46.7	58.1	46.0	Mist, calm, drizzle very damp.					
M	6	31.1	49.0	49.0	S.W.	1	0.180	.015	47.6	45.2	S.W.	2	10	49.3	45.3	64.2	41.8	Mist, very damp, overcast, fair.					
T	7	29.826	45.5	42.7	W.	3	0.446	.295	43.0	39.5	S.W.	1	2	47.8	40.3	86.6	35.0	Squally, hail rain, l.t. midnight, rough night.					
W	8	71.3	41.7	38.5	N.E.	5	0.043	.983	41.9	38.0	N.E.	4	10	44.3	34.7	85.3	31.0	Squally hail, fair, showers, breeze.					
F	9	30.161	41.0	38.0	N.E.	4	0.003	30.284	39.7	36.8	N.E.	3	10	42.8	36.7	78.9	32.3	Squally hail, showers, fair.					
T	10	36.0	40.6	37.5	N.E.	1		.425	42.3	39.4	N.	1	10	44.6	37.3	90.0	29.8	Gloomy, fair, calm.					
W	11	61.5	35.9	30.3	E.	4	0.014	.726	37.7	33.7	S.W.	2	10	42.8	33.3	81.2	27.2	Breeze very fine, cloudy.					
F	12	74.0	35.4	31.8	E.	3	0.005	.785	45.1	41.3	W.	2	10	45.1	37.0	52.8	30.5	Overcast, gloomy, fair, cold.					
S	13	74.3	41.5	40.4	S.W.	5	0.001	.577	48.5	47.1	W.	3	10	49.0	44.0	57.4	42.0	Slight rain, overcast, fair.					
M	14	67.9	46.2	43.2	N.W.	1		.514	49.3	45.8	N.W.	1	10	54.9	47.8	100.2	46.1	Breeze, overcast, slight shower, fair.					
T	15	53.6	50.2	46.6	N.W.	3	0.001	.472	49.5	47.1	N.W.	2	10	52.0	46.4	59.0	40.5	Cloudy, fine very mild.					
W	16	49.9	48.4	45.1	N.W.	1	0.083	.616	46.1	43.3	N.	1	10	54.9	47.2	95.5	41.7	Overcast, fair mild, drizzle					
F	17	50.0	51.5	50.0	N.	1	0.011	.529	46.5	48.3	N.	0	10	50.0	45.2	63.7	40.0	Fine mild cloudy, brilliant double lunar arcs.					
T	18	51.9	48.3	47.9	S.	1		.497	43.5	43.8	S.W.	2	2	46.7	43.6	63.4	36.5	Overcast drizzle, calm.					
W	19	54.0	45.0	44.0	S.W.	5		.492	47.0	45.7	S.W.	3	9	47.0	41.2	67.3	38.1	Cloudy, fair, lunar halo, dew.					
S	20	50.8	43.2	41.0	S.W.	5	0.039	.332	51.3	49.5	S.W.	4	10	52.9	46.3	62.5	43.8	Breeze, cloudy, fair.					
M	21	41.9	51.8	49.6	S.W.	4		.186	50.3	48.5	S.W.	5	9	52.4	49.5	63.3	46.3	Breeze overcast, fair, drizzle.					
T	22	27.1	51.3	50.0	W.	5	0.415	.29.974	42.4	40.8	S.W.	5	9	52.4	49.5	63.3	46.3	Squally drizzle, fair, rough night.					
W	23	124	46.0	41.1	N.W.	1	0.874	.531	44.7	43.5	N.W.	3	10	60.9	49.0	53.4	36.8	Squally, fair, showers, hail lightning.					
F	24	29.760	46.2	45.8	N.W.	1	0.070	.838	39.9	35.4	N.W.	4	10	49.0	41.0	75.7	30.7	Gloomy, rain, very stormy.					
S	25	63.0	42.1	38.1	N.W.	4	0.001	.30.164	42.5	39.4	S.W.	0	7	46.7	39.3	99.3	31.2	Cloudy, squally, hail snow, cold breeze.					
M	26	30.050	43.8	38.7	N.	0	0.131	.29.998	43.2	38.0	N.W.	4	10	44.9	39.3	99.3	31.2	Hail cloudy, clear, fair, calm.					
T	27	133	45.0	43.8	S.W.	5	0.115	.30.072	42.9	38.0	N.W.	4	10	47.0	41.8	76.4	36.0	Cloudy, squally, fair, showers squally.					
W	28	23.636	45.5	48.4	N.W.	3		.545	40.1	37.0	N.	3	0	48.9	41.0	93.5	36.1	Calm, cloudy, fair, showers squally.					
M	29	30.197	43.9	40.5	N.W.	3	0.025	.340	40.2	35.3	N.E.	4	9	47.3	37.7	95.6	30.8	Squally, mist, fair, Earthquake, hail.					
T	30	25.6	39.7	36.2	N.E.	4		.511	40.3	36.3	N.E.	3	10	45.1	35.7	92.5	25.0	Cloudy, fair, calm, fine.					
W	31	44.1	40.2	35.3	N.E.	4								43.4	37.5	96.7	31.7	Dew, ground frost, fair, breeze.					
T	31																	Breeze, fair, drizzle, squall.					
Sums.		938.451	1322.2	1315.2		39	2.86	938.570	1372.5	1295.4		80	213	1479.1	1264.4	2355.6	1108.4	N.B.—The necessary corrections for "index error" have been applied to all the instrumental readings.					
Means.		30.273	44.9	43.4		2.7	7.1	30.276	44.3	41.8		2.6	7.8	47.7	40.8	76.0	35.8	Remarks.—The month has been on the whole fair, calm, and cloudy, with a few very squally days. Barometer max. on the 13th at 9 p.m., 30.765; min. on the 24th, at 6.30 p.m., 29.505; range 1.260; mean, 30.372. Therm. max. on the 15th and 17th, 54° 9'; min. on the 11th and 25th, 23.3; range, 31° 6'; mean (by self-registering thermometer) 44° 2', i.e., 0° 2 below the average. Rainfall 1.169 in. below the average. Greatest fall in 24 hours 0.874 on the 24th. Mean temperature of sea-water near shore at 8 a.m. 46.9. Remarkable shock of Earthquake on 28th inst., 11.45 a.m.					

METEOLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING FEBRUARY, 1878, 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.		Barometer reduced to 82° and G. T.		Hygrometer.		Wind.		Amount of rain, inches.		Barometer reduced to 82° and G. T.		Dry Bulb.		Wet Bulb.		Wind.		Cloud, 0-10.		Max. in shade.		Min. in shade.		Max. in sun.		Min. on grass.									
		ins.		°		Direction.				ins.		°		°						°		°		°											
P	1	30.554	40.0	37.7	N.E.	3	9	0.023	30.513	37.7	34.0	0	N.E.	2	0	36.4	41.5	36.4	29.0	Cloudy, fair, calm at times.															
S	2	30.436	42.2	39.8	N.E.	1	9		30.414	43.2	40.5	10	N.E.	2	10	35.0	43.7	35.0	25.2	Overcast, fair, slight showers.															
S	3	30.456	43.0	40.8	N.E.	2	10	0.002	30.486	43.0	40.0	10	N.E.	1	10	42.0	43.9	42.0	40.0	Gloomy, overcast, fair.															
M	4	30.530	43.2	42.0	N.E.	2	10	0.001	30.559	40.0	37.0	10	N.E.	3	10	38.9	43.6	38.9	38.2	Drizzle, overcast, fair.															
T	5	30.583	38.0	34.0	N.E.	3	10		30.539	38.0	36.0	0	E.	4	0	35.0	39.8	35.0	31.1	Cloudy, fair, very fine breeze															
W	6	30.500	37.2	36.0	N.E.	0	9		30.582	36.9	36.3	5		0	5	43.0	44.8	43.0	25.2	Dews, misty, very fine, calm.															
T	7	30.634	39.2	37.4	N.E.	1	10		30.616	37.9	36.0	7	N.E.	1	7	35.3	40.9	35.3	25.5	Overcast, fair, calm, misty.															
F	8	30.638	33.9	33.0	E.	4	10		30.638	32.7	31.3	10	E.	3	10	31.1	37.9	31.1	31.1	Misty, overcast, fair.															
S	9	30.404	30.9	29.8	S.	2	10	0.083	30.638	37.1	36.3	10	S.	2	10	29.8	37.1	29.8	30.2	Overcast, fair, cold, rain.															
S	10	30.076	46.9	4.8	S.W.	2	10	0.014	30.012	45.0	45.0	10	S.	1	10	36.4	48.7	36.4	35.5	Damp, mist, drizzle, mild.															
M	11	29.959	43.6	43.6	E.	2	10	0.002	29.973	46.0	44.8	10	E.	3	10	43.0	46.3	43.0	41.8	Fog, overcast, fair, breeze.															
T	12	30.129	43.7	43.4	E.	4	10	0.142	30.132	45.7	45.4	10	S.	4	10	46.0	50.4	46.0	43.2	Drizzle, breeze, overcast, showers.															
W	13	30.038	49.8	49.1	S.W.	4	10	0.980	30.026	49.3	48.8	10	S.W.	3	10	45.1	50.4	45.1	44.5	Gloomy, showers, heavy rain.															
T	14	29.859	48.2	47.7	S.W.	2	10	0.128	29.845	44.2	43.0	8	W.	1	8	43.1	54.8	43.1	37.0	Rain, fair, mild, calm, lunar halo.															
F	15	30.105	50.1	49.6	S.	2	9	0.007	30.12	47.6	47.6	10	W.	0	10	43.0	55.3	43.0	34.8	Cloudy, fair, mild, drizzle, fog, calm.															
S	16	30.37	46.3	45.7	S.	3	10	0.098	30.378	49.0	48.3	10	S.E.	1	10	44.6	50.2	44.6	45.3	Cloudy, very fine, overcast.															
OS	17	30.303	47.3	46.2	S.E.	3	9	0.005	30.316	48.3	48.1	10	S.W.	1	10	46.0	54.2	46.0	42.1	Heavy shower, very fine, dew, clear.															
M	18	30.254	52.1	50.1	W.	4	1	0.042	30.243	45.3	44.5	0	W.	3	0	44.2	55.1	44.2	42.4	Heavy dews, fog, calm, fair, breeze.															
T	19	30.256	43.2	43.2	S.	0	10	0.046	30.240	44.2	43.8	5	S.	4	5	39.3	44.7	39.3	29.8	Gloomy, rain, overcast, calm, fair, dew.															
W	20	30.321	43.0	42.0	N.	1	9	0.001	30.277	44.8	44.0	0	S.	0	0	42.2	45.3	42.2	34.8	Dews, calm, very fine.															
T	21	30.339	47.8	46.8	E.	3	9	0.001	30.356	47.7	47.7	0	E.	3	0	41.3	48.3	41.3	32.0	Calm, foggy, gloomy, fair.															
F	22	30.167	44.2	43.2	E.	3	9	0.007	30.155	44.2	42.5	0		0	0	39.0	48.0	39.0	31.7	Foggy, drizzle, gloomy, calm, fair.															
S	23	30.461	44.2	43.0	W.	0	0	0.007	30.428	44.2	43.0	6	S.W.	0	6	42.3	45.9	42.3	40.3	Dew, fine, overcast, fair, mild.															
M	24	30.313	44.2	43.8	W.	1	8	0.003	30.233	48.2	47.3	0	S.W.	1	0	41.2	55.1	41.2	35.5	Dew fine, overcast, dews, fair.															
T	25	30.278	47.8	46.3	S.W.	3	9	0.255	30.217	47.1	45.2	10	S.W.	2	10	44.1	50.9	44.1	34.2	Fair, rain, breeze, overcast, damp.															
W	26	30.314	47.5	45.4	S.W.	3	6		30.299	50.2	50.3	10	S.W.	3	10	44.0	51.7	44.0	40.0	Overcast, gloomy, drizzle, damp.															
T	27	30.071	48.1	46.0	S.W.	3	6		30.071	50.2	50.3	10	S.W.	3	10				48.1																
T	28	30.107	52.1	51.5	S.W.	4	10		30.135	50.3	50.1	10	S.W.	3	10				48.1																
Sums.		349.584	1236.8	1203.9		62	253	1.998	849.348	1229.8	1193.6	51				1327.4	1126.6	1126.6	2073.8	N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.										996.1					
Means.		30.343	44.2	43.0		2.3	9.0		30.334	43.9	42.6	1.8				47.4	40.2	40.2	74.2											35.6					

REMARKS.—The month was cold and dry up to the 10th, foggy, cloudy calm, and mild since that date. Barometer max. on the 21st at midnight 30.709; min. on the 14th at 9 a.m. 29.859; range 0.850; mean, 30.338. Tem. max. on the 15th, 55° 3; min. on the 9th, 29° 3; range, 25° 5; mean (by self-registering Thermometers) 43° 8, i.e., the average. Rainfall 0.529 below the average; great at fall in 24 hours 0.980 on the 13th. Mean temperature of sea-water near shore at 8 a.m. 45.6.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING MARCH, 1878,
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.	
		Barometer reduced to 32° and 30 in. H.	Hygrometer.	Wind.	Cloud, 0-10.		Barometer reduced to 32° and 30 in. H.	Hygrometer.	Wind.	Cloud, 0-10.						
		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 glasses.		
F	1	52.5	51.1	S.W.	4	0.087	51.7	51.3	S.W.	5	53.2	49.1	62.3	49.5	Overcast, drizzle, showers, squally.	
8	2	50.1	49.1	W.	2		47.8	45.5	N.W.	1	56.0	47.0	109.3	41.2	Overcast very fine, cloudy, fair.	
M	3	505	49.4	N.W.	1	.010	41.3	41.3		0	54.8	41.3	107.7	37.0	S. halo. very fine fog, drizzle, damp.	
W	4	.649	43.3		0		46.5	45.7	S.W.	2	53.1	36.9	103.2	31.3	Fog, calm, extremely fine, dew	
T	5	.670	46.9	N.	9	.039	46.7	45.0	W.	4	53.4	45.2	107.6	40.6	S. halo very fine, overcast, drizzle.	
F	6	.454	49.7	W.	3	.012	50.3	49.1	W.	3	51.6	45.5	71.4	45.0	Cloudy, overcast, drizzle, breeze, h. hale.	
T	7	.328	52.8	W.	2		49.3	47.9	W.	4	54.8	46.3	103.0	41.5	Overcast, fair, breeze	
F	8	.234	50.3	N.	2		46.9	42.0	N.	2	53.7	44.6	107.7	37.6	Cloudy fair, dry.	
M	9	.254	49.0		0	.284	47.3	46.8	S.	3	53.5	40.9	103.8	33.3	Calm, cloudy, overcast, rain.	
W	10	.104	49.5	N.W.	3		45.7	43.2	N.W.	1	52.8	45.0	107.0	37.5	Cloudy, very fine, clear dew.	
T	11	.467	52.2	W.	1	0.11	47.8	46.0	W.	2	54.6	43.6	103.7	37.1	Dew, cloudy, fair, drizzle.	
F	12	.380	50.4	W.	2		49.8	49.1		0	54.0	46.2	97.8	44.5	Cloudy, overcast, gloomy, calm.	
M	13	.365	48.2	N.	3		40.9	36.2	N.E.	2	50.0	40.0	100.5	33.9	Fair, fine and dry.	
T	14	.553	44.9	N.E.	3		38.7	36.1	N.E.	1	46.4	37.1	106.6	29.0	Fair, very fine, dry, cold, breeze.	
F	15	.432	44.2	N.E.	2		40.2	35.0	N.E.	4	46.8	37.0	101.0	29.3	Misty, fair, cloudy, dry, cold, clear.	
S	16	.583	41.9	N.E.	3	.038	38.9	34.0	N.E.	3	43.0	35.0	92.8	25.0	Fair, cloudy, dry, cold, fair.	
8	17	.658	40.8	N.	2		44.2	38.7	N.	1	44.9	37.5	95.6	31.6	Overcast, cloudy, cold, fair.	
W	18	.508	47.5	N.W.	1		48.8	47.4	N.	1	53.2	43.3	97.8	40.3	Shower, cloudy, fair, overcast.	
T	19	.392	49.2	N.	2		48.6	46.0	N.	1	50.9	47.2	71.0	44.2	Overcast, fair, calm.	
F	20	.472	49.2		0		46.2	43.8	N.	1	55.2	44.0	98.3	36.2	Misty, calm, cloudy, very fine, dew.	
W	21	.408	49.5	N.W.	0		41.9	43.0	N.	1	52.0	43.1	70.8	35.6	Calm, overcast, fair.	
T	22	.107	49.3		1	.320	40.2	38.5		0	50.1	39.2	73.0	36.4	Overcast, showers, calm.	
F	23	29.890	41.2	N.	3	.587	40.0	33.0	N.W.	2	45.3	34.0	98.4	28.9	Cloudy, clear, showers, snow, hail, rain.	
S	24	.671	38.6	N.E.	2	.074	39.7	35.0	N.W.	3	44.2	34.7	105.5	29.6	Cloudy, showers, snow, hail, squally night.	
M	25	.778	34.9	N.W.	4	.06	40.9	35.7	N.W.	2	43.6	34.0	103.6	30.3	Hail, snow, squally, cold, fair.	
T	26	30.188	45.7	N.W.	2	.060	40.2	37.2	N.W.	1	51.6	36.1	111.0	25.6	Fine, very clear, cloudy, calm.	
W	27	29.986	47.7	W.	3	.061	43.3	40.7	N.E.	0	43.7	39.2	113.8	34.4	Shows, cloudy, fair, s. halo dead calm, overcast.	
T	28	.516	40.2	E.	3	.062	39.2	35.0	N.E.	2	43.7	39.3	64.9	37.0	Overcast, drizzle, gloomy, heavy showers.	
F	29	28.994	47.4	S.E.	1	.025	40.4	35.9	N.E.	6	43.2	37.1	80.5	36.2	Cloudy, slight showers, gale, heavy squalls.	
S	30	29.413	41.1	N.	4	.007	45.3	43.4	N.W.	3	43.2	35.2	110.0	32.0	Breeze, cloudy, fair, snow, cold.	
S	31	.680	43.2	N.W.	1	.207			S.W.	4	47.5	34.8	102.3	24.9	Overcast, heavy showers, hail, fair, rough night.	
Sums.		985.715	1443.2	1854.1	60	2.1	1371.3	1292.0		65	1557.6	1259.4	2973.4	1095.5	N.B.—The necessary corrections for "index error" have been applied to all the instrumental readings.	

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING APRIL, 1878, BY J. E. VIBERT, M.A., M.C.P.

Lat. 49° 11' 20" N., Long. 2° 9' 43" W.
 Height of Barometer cistern above mean sea level, 125 feet.
 Height of Thermometers above ground, 4 feet.
 Height of Rain Gauge above ground, 1 foot.

Days of Week.	Days of Month.	Hygrometer.		Wind.		Cloud, 0-10.	Amount of Rain, inches.	Barometer reduced to 32° and 5. L.		Hygrometer.		Wind.	Force, 0-12.	Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on glass.	Height of Bain Gauge above ground.	Height of Thermometers above ground.	Height of Barometer cistern above level, 126 feet.
		Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.			Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.										
M	1	29.311	41.3	37.6	N.	2	0.122	29.49	39.3	35.8	W.	1	0	46.9	38.7	111.3	28.4	Cloudy, clear, fair, cold.	Cloudy, clear, fair, cold.		
T	2	29.485	45.4	41.0	N.W.	3	.187	.682	41.7	40.9	W.	2	0	50.3	37.9	110.0	29.7	Hail, showers, cloudy, clear, fine.	Hail, showers, cloudy, clear, fine.		
W	3	29.620	48.9	48.0	S.W.	5	.252	.696	45.2	43.3	W.	1	10	52.5	41.8	88.3	34.4	Heavy showers, gloomy, overcast.	Heavy showers, gloomy, overcast.		
T	4	29.848	50.4	44.8		0	.04	.910	41.7	39.9		0	0	55.7	37.8	113.6	25.0	Calm, fair, extremely fine, dew.	Calm, fair, extremely fine, dew.		
F	5	29.945	50.1	45.0	W.	3	.024	30.092	42.1	40.1		0	0	54.3	39.4	110.2	27.2	Slight rain, hail, extremely fine, dew.	Slight rain, hail, extremely fine, dew.		
S	6	30.144	51.5	44.8	S.W.	1	.014	.151	45.2	42.0	E.	0	0	53.5	39.2	110.0	28.1	Dew, extremely fine, strong breeze.	Dew, extremely fine, strong breeze.		
S	7	30.047	48.0	43.0	E.	6	.014	29.87	51.3	44.6	E.	6	0	58.2	42.0	110.7	35.9	Strong breeze, fair, s. and l. halos.	Strong breeze, fair, s. and l. halos.		
M	8	29.781	49.1	43.8	E.	3	.393	.769	51.9	50.2	E.	4	10	56.9	45.2	109.3	43.7	Breeze, howe s. s. halo, overcast.	Breeze, howe s. s. halo, overcast.		
T	9	29.790	45.2	41.3	N.E.	5	.604	.830	47.0	45.8	N.E.	3	10	52.0	42.9	82.5	42.2	Breeze, overcast rain wet night.	Breeze, overcast rain wet night.		
W	10	29.788	47.7	47.4	S.E.	2	.037	.863	45.8	44.3	N.W.	1	8	50.2	45.0	69.8	41.0	Gloomy, r in, cloudy, fair.	Gloomy, r in, cloudy, fair.		
T	11	29.97	49.2	47.3	N.W.	2	.001	30.116	48.3	47.6	N.W.	1	10	53.2	43.4	98.5	37.9	Overst damp mist, fair, ca m.	Overst damp mist, fair, ca m.		
F	12	30.167	47.6	46.7		0	.005	.110	50.6	48.0		0	10	54.0	41.8	110.5	37.8	Calm, misty, ove east, fair, l halo.	Calm, misty, ove east, fair, l halo.		
S	13	30.061	50.5	48.9	S.E.	1		.063	51.8	49.7	S.	2	10	53.9	48.1	82.3	45.3	Overcast, slight rain, fair.	Overcast, slight rain, fair.		
M	14	30.057	53.8	50.2	S.E.	1		.084	53.0	51.5		0	10	60.3	49.0	118.7	47.0	Cloudy, fair, overcast, warm calm.	Cloudy, fair, overcast, warm calm.		
S	15	30.114	55.4	52.1	S.W.	2		.030	54.3	50.5	W.	0	10	59.8	49.0	113.3	43.2	Very fine, calm, s halo overcast.	Very fine, calm, s halo overcast.		
M	16	29.900	53.1	50.7	S.W.	2	.247	29.915	49.9	49.1	W.	3	5	56.9	48.0	104.3	47.3	Cloudy overcast, rain, misty, damp.	Cloudy overcast, rain, misty, damp.		
T	17	29.897	53.0	51.7	S.W.	4		.888	48.6	48.1		2	1	58.2	48.0	119.4	43.1	Breeze, cloudy fine, heavy dew.	Breeze, cloudy fine, heavy dew.		
W	18	29.876	52.4	50.1	S.	1	163	.785	52.0	51.8	S.W.	3	10	54.9	44.4	119.0	37.0	Dew, mist, very fine, rain, drizzle.	Dew, mist, very fine, rain, drizzle.		
T	19	29.793	56.2	54.4	S.W.	2	.492	.705	54.0	53.1	S.W.	2	10	58.5	40.1	109.9	47.5	Cloudy, showers, fair, wet night.	Cloudy, showers, fair, wet night.		
F	20	29.622	50.4	50.0	S.W.	2	.162	.609	47.5	46.3	S.W.	2	4	58.3	46.8	14.5	43.8	Drump, fine showers, fair, lightning.	Drump, fine showers, fair, lightning.		
S	21	29.672	56.2	51.6	S.W.	4	.185	.790	48.0	46.9	S.	4	10	57.5	46.5	113.4	41.7	Breeze, fair, showers, rain.	Breeze, fair, showers, rain.		
M	22	29.839	50.8	48.7	S.W.	3	.195	.711	50.1	49.6	S.E.	2	5	53.1	41.8	115.7	41.3	Cloudy, very fine, rough wet night.	Cloudy, very fine, rough wet night.		
T	23	29.47	42.1	43.3	E.	5	.014	.488	49.4	48.7	S.E.	0	0	53.7	47.0	94.3	44.2	Strong breeze, overcast, showers.	Strong breeze, overcast, showers.		
W	24	29.548	55.0	51.9		0	.002	.619	49.5	48.8	N.E.	1	0	60.3	46.2	130.6	39.2	Calm, warm, a m fair, heavy dew.	Calm, warm, a m fair, heavy dew.		
T	25	29.747	49.4	48.0	N.E.	3	.011	.918	51.7	48.8	N.E.	2	3	53.7	47.4	111.3	43.7	Gloomy, very fine, showers, fair.	Gloomy, very fine, showers, fair.		
F	26	29.060	49.3	44.6	N.E.	7		30.46	44.2	43.2		0	0	53.1	43.2	121.4	37.1	Cloudy, very fine, heavy dew, calm.	Cloudy, very fine, heavy dew, calm.		
S	27	29.210	52.8	49.3	E.	7		.219	48.5	46.0	E.	2	0	58.1	43.1	115.5	38.1	Dews, cloudy, ext emely fine.	Dews, cloudy, ext emely fine.		
M	28	29.169	54.6	50.8	E.	3	.127	.037	52.1	49.8	S.E.	0	0	62.1	46.2	121.3	40.9	Ex remely fine clear, warm.	Ex remely fine clear, warm.		
S	29	29.861	55.3	51.8	S.E.	3	.481	29.759	54.6	54.0	S.	2	10	59.7	51.0	95.5	41.2	Gloomy over st, rain, warm.	Gloomy over st, rain, warm.		
T	30	29.755	57.2	55.5		0		.688	52.6	52.1		2	10	63.1	52.0	120.3	49.4	Calm overcast heavy rain, thund.	Calm overcast heavy rain, thund.		

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

Remarks.—The month has been cloudy, calm wet and variable, but with several very fine days. Barometer max. on the 27th at 9 p.m. 30.219 min. on the 1st at 4 a.m. 29.130; range 1.089; mean, 29.859. Tem. max. on the 30th 63° 1.; min. on the 4th. 37° 8.; range 26° 3.; mean (by self registering Thermometers) 50° 4, i.e. 0° 7 above the average. Rainfall 1.45 in. above the average; greatest fall in 24 hours 0.604 on the 9th. Swallows seen on the 8th; Cuckoo heard on the 10th. Mean temperature of sea water near shore at 9 a.m. 45° 16.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING MAY, 1878,
BY J. E. VIBERT, M.A., M.C.P.

At 9 a.m. Local Time.		At 9 p.m. Local Time.		At 9 p.m. Local Time.		S. R. Thermometers reset at 9 p.m. daily.		Height of Rain Gauge above ground, 1 foot.		Height of Thermometers above ground, 4 feet.		Height of Barometer cistern above mean sea level, 125 feet.		Lat. 49° 11' 20" N., Long. 2° 9' 43" W.										
Days of Month.	Barometer reduced to 32° ins.	Hygrometer.		Wind.	Amount of rain, inches.	Barometer reduced to 32° ins.	Dry Bulb.	Wet Bulb.	Wind.	Cloud, 0-10.	Force, 0-12.	Direction.	Max. in shade.	Min. in shade.	Max. in sun.	Min. in shade.	Cloud, 0-10.	Force, 0-12.	Direction.	Wet Bulb.	Dry Bulb.	Barometer reduced to 32° ins.	Days of Month.	
		Dry Bulb.	Wet Bulb.																					Direction.
W	29.623	56.0	64.3	S.	9	29.797	51.9	51.5	S.W.	10	2	S.W.	63.0	51.0	128.2	49.6	10	2	S.W.	51.5	51.9	29.797	1	
F	30.014	56.4	63.5	N.W.	9	30.120	52.4	51.3	S.W.	10	0	S.W.	59.8	49.2	118.3	47.8	10	0	S.W.	51.3	51.3	30.120	2	
F	30.131	56.0	52.2	S.W.	8	.128	64.2	53.0	N.	10	0	N.	61.8	50.7	113.3	49.4	10	0	N.	53.0	53.0	.128	3	
S	30.194	56.5	50.9	N.E.	0	.187	49.0	46.3	N.E.	0	3	N.E.	59.3	47.6	118.7	41.3	0	3	N.E.	46.3	46.3	.187	4	
S	30.059	57.0	50.4	E.	0	.291	56.4	52.7	S.W.	0	5	S.W.	64.3	45.1	115.9	39.3	0	5	S.W.	52.7	52.7	.291	5	
M	29.656	55.0	53.4	S.E.	10	.688	52.3	51.6	S.W.	0	2	S.W.	57.5	49.9	80.2	48.6	0	2	S.W.	51.6	51.6	.688	6	
T	29.781	57.2	54.1	N.W.	6	.762	50.3	49.1	S.W.	0	0	S.W.	59.2	49.9	113.3	46.4	0	0	S.W.	49.1	49.1	.762	7	
W	29.769	55.5	53.2	S.W.	7	.767	52.4	49.8	N.	0	0	N.	60.6	46.1	118.2	41.4	0	0	N.	49.8	49.8	.767	8	
T	30.800	62.3	56.9	S.E.	7	.856	55.5	51.9	S.E.	0	2	S.E.	65.7	52.7	129.3	46.2	0	2	S.E.	51.9	51.9	.856	9	
F	30.730	60.9	57.0	E.	6	.634	61.2	58.0	S.E.	1	1	S.E.	65.2	52.8	122.5	51.1	1	1	S.E.	58.0	58.0	.634	10	
S	30.681	61.2	56.2	S.E.	1	.708	56.5	53.9	S.	1	2	S.	64.3	52.1	121.3	47.7	1	2	S.	53.9	53.9	.708	11	
S	30.726	61.2	56.2	S.E.	2	.625	57.0	54.0	S.E.	9	1	S.E.	63.0	50.3	128.5	47.5	9	1	S.E.	54.0	54.0	.625	12	
M	30.654	58.8	54.9	S.	5	.668	54.0	52.6	S.W.	10	1	S.W.	58.8	50.1	116.5	50.7	10	1	S.W.	52.6	52.6	.668	13	
T	30.104	55.0	53.0	S.W.	6	.459	54.4	51.9	S.W.	9	3	S.W.	61.1	50.9	120.3	50.1	9	3	S.W.	51.9	51.9	.459	14	
W	30.533	60.9	55.3	S.W.	5	.126	51.5	50.9	W.	9	1	W.	61.1	50.9	120.3	50.1	9	1	W.	50.9	50.9	.126	15	
OT	30.944	57.6	54.6	S.W.	10	.017	57.2	55.9	S.W.	10	4	S.W.	66.3	56.7	107.5	55.0	10	4	S.W.	55.9	55.9	.017	16	
F	30.079	59.7	57.5	S.W.	10	.120	54.4	51.8	S.W.	10	10	S.W.	66.3	56.7	107.5	55.0	10	10	S.W.	60.0	60.0	.120	17	
S	29.968	58.1	56.8	W.	0	.012	54.4	51.8	S.W.	8	3	S.W.	64.8	53.0	123.0	50.1	8	3	S.W.	51.8	51.8	.012	18	
S	30.109	56.8	52.5	S.W.	5	.062	52.6	50.3	S.W.	4	5	S.W.	61.0	52.0	117.1	48.9	4	5	S.W.	50.3	50.3	.062	19	
M	30.079	52.3	49.9	S.W.	10	.062	51.3	48.9	W.	10	3	W.	55.8	49.3	103.4	46.1	10	3	W.	48.9	48.9	.062	20	
T	30.115	54.8	47.5	N.W.	4	.290	49.5	46.2	N.W.	2	3	N.W.	57.1	45.4	121.3	40.0	2	3	N.W.	46.2	46.2	.290	21	
W	30.110	56.5	50.9	W.	3	.185	53.8	49.5	S.	6	2	S.	60.0	47.6	125.5	42.8	6	2	S.	49.5	49.5	.185	22	
T	29.591	55.9	55.4	W.	10	.185	52.6	50.5	S.W.	7	4	S.W.	56.2	50.0	104.3	48.4	7	4	S.W.	50.5	50.5	.185	23	
F	29.475	54.3	52.2	S.W.	6	.583	51.1	49.5	W.	7	3	W.	57.8	47.8	115.2	49.2	7	3	W.	49.5	49.5	.583	24	
S	29.789	54.5	51.6	N.W.	4	.585	50.8	48.5	W.	4	3	W.	58.3	49.0	121.0	45.0	4	3	W.	48.5	48.5	.585	25	
S	30.954	53.8	51.8	N.W.	4	.931	52.3	50.9	S.W.	1	1	S.W.	58.9	49.0	120.4	45.9	1	1	S.W.	50.9	50.9	.931	26	
M	30.877	55.9	52.4	W.	6	.949	52.3	50.1	W.	0	0	W.	62.3	49.7	125.3	47.0	0	0	W.	50.1	50.1	.949	27	
T	30.785	60.0	54.8	S.E.	3	.165	51.3	50.3	N.	1	1	N.	61.9	50.0	123.9	44.5	1	1	N.	50.3	50.3	.165	28	
W	30.009	53.5	51.7	N.	2	.245	52.6	52.1	N.E.	0	1	N.E.	53.9	49.8	80.5	47.9	0	1	N.E.	52.1	52.1	.245	29	
T	30.122	53.3	51.6	N.E.	10	.00	52.7	50.8	N.E.	10	3	N.E.	58.4	51.0	112.7	51.2	10	3	N.E.	50.8	50.8	.00	30	
F	29.987	58.8	54.1	N.E.	2	.29.946	54.6	52.0	N.E.	0	2	N.E.	61.7	50.3	119.2	47.1	0	2	N.E.	52.0	52.0	.29.946	31	
Sums.	2925.987	1761.8	1654.5		182	3.627	1661.4	1595.2		60	197		1880.0	1551.1	3595.6	1458.2		60						
Means.	29.871	58.8	53.4		3.1	.59	53.6	51.5		1.9	6.4		60.7	50.0	116.0	47.0		1.9						

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

Remarks.—The month was warm with fine days up to the 19th, colder than usual since that date, and wet, variable and cloudy throughout. Barometer max. on the 4th at 0.40 p.m. 30.201; min. on the 24th at 8 a.m. 29.471; range 0.73; mean, 29.877. Tem. max. on the 17th 66° 3.; min. on the 5th 45° 1.; range 21° 2.; in an (by self-registering Thermometers) 55° 3, i.e., 1° 6 above the average. Rainfall 1.956 in. above the average; greatest fall in 24 hours 0.658 on the 13th. Mean temperature of water near shore at 8 a.m. 54° 9. Remarkable Solar Halo on the 14th at 5.30 p.m.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JUNE, 1878, 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.												
Days of Week.	Days of Month.	Hygrometer.		Wind.	Amount of Rain, inches.	Barometer reduced to 32° and S. L.	Cloud, 0-10.	Hygrometer.		Wind.	Amount of Rain, inches.	Barometer reduced to 32° and S. L.	Cloud, 0-10.	Max. in shade.	Min. in shade.	Max. in sun.	Min. on Grass.	Remarks.
		Dry Bulb.	Wet Bulb.					Dry Bulb.	Wet Bulb.									
S	1	ins. 30.002	64.8	N.E.	0	0.532	58.0	N.E.	3	10	69.8	51.8	126.3	46.5	Very fine, s. halo, cloudy, wet night.			
S	2	29.977	61.0	E.	6	0.13	58.3	N.W.	1	10	66.3	54.4	125.7	53.4	Cloudy, fair, fine, s. halo, calm, overcast.			
M	3	30.031	61.1	S.W.	4		58.9	S.W.	1	10	65.0	52.2	119.4	52.1	Cloudy, s. halo fair ca m. overcast.			
T	4	29.939	59.2	S.W.	5		56.3	W.	4	8	63.1	54.6	122.0	52.3	Sh. w. breeze, fair, dew, cloudy.			
W	5	30.148	59.0	W.	8		56.1	W.	1	2	63.0	53.5	119.7	53.1	Breeze, cloudy, fine dew.			
T	6	.338	58.2	W.	10		56.1	W.	0	0	63.8	52.3	120.0	48.1	Overcast, fair, very fine, clear, calm.			
F	7	.213	64.2	S.E.	2		59.3	S.E.	1	7	68.8	53.0	122.4	46.7	S. halo, warm, very fine, clear, cloudy.			
S	8	29.780	63.7	S.E.	10	.035	58.8	S.W.	3	5	68.4	58.0	120.6	53.1	Gloomy, warm, thunder showers, fair.			
S	9	.711	57.4	S.	6	.013	55.4	W.	4	2	64.3	54.0	123.5	43.2	Squally, breeze, shower, fair.			
M	10	.936	58.5	S.W.	4	.187	55.1	W.	1	1	62.8	50.6	127.6	49.1	Cloudy fair, breeze, slight shower.			
T	11	.676	57.3	S.	6	.067	55.4	W.	3	3	63.7	53.3	20.7	49.0	Stormy rain, gloomy, fair.			
W	12	.774	58.7	S.W.	5	.012	54.3	W.	4	1	61.1	52.7	121.2	49.0	Squally, shower, fair dew.			
T	13	.949	57.2	S.	10	.157	55.1	N.E.	2	10	62.3	53.1	27.2	49.8	Ove cast gloomy, calm, wet night.			
OF	14	.828	57.4	N.E.	2	.238	55.6	N.E.	0	8	63.1	52.5	107.3	51.9	Rain, gloomy heavy showers, cold.			
S	15	.940	55.6	N.E.	1	.001	52.0	N.W.	1	9	65.2	49.7	122.4	45.6	Overcast, calm, fine dew.			
S	16	.894	60.1	W.	5		55.0	W.	1	1	64.9	52.6	127.7	51.0	Cloudy, calm, clear, fine.			
M	17	.896	59.9	S.W.	2		55.5	N.	1	1	65.2	49.7	122.4	45.6	Cloudy, very fine clear, dew.			
T	18	.967	59.5	S.W.	2		55.8	N.W.	1	9	64.1	50.7	124.6	47.0	Cloudy, very fine, fair, d.w.			
W	19	30.063	61.9	N.W.	4		56.8	N.W.	0	0	64.2	52.6	121.5	49.1	Cloudy, very fine clear, calm, dew.			
T	20	.152	60.2	S.W.	1		56.6	E.	1	4	66.9	51.1	121.4	45.8	Dew, extremely fine, ca m. clear.			
F	21	.163	65.8	E.	4		60.1	N.	1	2	71.0	56.0	126.4	50.5	Calm, extremely fine, cloudy, warm.			
S	22	.212	72.2	0	4		62.6	0	3	3	76.3	58.7	131.6	51.5	Ca m very dry, very fine, hot.			
S	23	.126	72.1	0	1		65.2	N.W.	1	1	78.3	62.2	134.5	58.1	Calm, hot, extremely fine.			
M	24	.153	67.6	W.	9		63.4	N.W.	0	9	73.2	58.0	133.3	53.0	Cloudy, overcast, fair, calm.			
T	25	.228	72.7	E.	3		64.5	N.E.	0	0	79.2	58.3	129.4	53.9	Warm, extremely fine, calm.			
W	26	.199	77.0	E.	1		68.0	E.	0	0	84.1	66.1	133.0	59.6	Calm, cloudless, very hot, dry.			
T	27	.072	76.4	E.	3		67.2	E.	1	6	81.7	68.3	133.0	59.7	Breeze, cloudless, very hot, dry, calm.			
F	28	29.909	75.3	N.W.	2		63.8	N.W.	2	5	73.0	60.0	130.5	59.5	Fog cloudy, fair, dew, lightning.			
S	29	.847	62.0	S.W.	3	.970	59.6	S.W.	4	10	68.0	57.5	131.6	57.1	Overcast fair, very wet equally night.			
S	30	.903	56.6	S.W.	4	.383	56.2	S.W.	0	1	61.6	55.0	100.1	50.2	Heavy rain, cloudy, fine, ca m, dew.			
Sums.		900.016	1881.6		1753.				69	178	2.568	1752.	1674.6	2036.1	1652.8	3735.1	1540.	N.B.—The necessary corrections for "index error" have been applied to all the instruments.
Means.		30.001	62.7		58.4				1.4	.47	67.9	55.1	124.5	51.3	55.1	124.5	51.3	readings.

REMARKS.—In spite of an unusual rainfall, and great variations of Temperature the month has had many fine days and has been on the whole calm and warm. Barometer max. on the 6th at 9 a.m. 30.338; min. on the 11th at 3 p.m. 29.622; range 0.716; mean, 30.005. Tem. max. on the 26th 84° 1.; min. on the 18th 49° 7.; range 34° 4.; mean (by self-registering Thermometers) 61° 5, i.e., 1° 8 above the average. Rainfall 1.68 in. above the average; max. fall in 24 hours 9 in. on the 29th; 1.283 in fell in about 17 hours on the 29th and 30th. Mean temperature of sea-water near shore at 8 a.m. 59°.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING JULY, 1878,
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.		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. 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.								Direction.
1	29.977	67.3	°	2	0.727	ins.	29.903	55.4	54.8	0	10	53.9	125.6	47.5	Fine, calm. heavy rain, thunderstorm.
2	.875	61.6	°	6		.929	57.2	55.6	53.7	10	131.5	53.7	131.5	48.1	Dew, cloudy fine breeze, overcast.
3	30.024	62.3	°	9		30.148	55.0	53.2	53.2	0	114.8	53.2	114.8	48.3	Cloudy, gloomy, fine evening, dew.
4	.268	65.5	°	2		.279	56.8	55.7	53.4	0	122.6	53.4	122.6	48.5	Dews, extremely fine, breeze, ca m.
5	.263	64.6	°	2		.224	57.0	55.5	55.0	0	122.7	55.0	122.7	49.6	Extremely fine, clear, dew, calm.
6	.174	63.1	°	0	.085	.162	60.1	59.5	56.0	10	123.3	56.0	123.3	51.0	Cloudy, overcast, howe's, misty.
7	.137	65.7	°	9		.125	59.2	58.0	58.6	6	122.5	58.6	122.5	57.5	Cloudy, extremely fine, dew.
8	.143	64.9	°	7		.116	58.1	55.8	57.9	0	128.6	57.9	128.6	54.0	Cloudy, fair, slight rain drizzle.
9	.226	65.3	°	1	.037	.117	60.1	59.1	55.7	2	129.3	55.7	129.3	49.8	Cloudy, clear, fine, overcast.
10	.083	63.2	°	4		.098	59.0	56.4	57.1	10	130.0	57.1	130.0	54.0	C'oudy, b-eeze, fair, slight rain.
11	.092	64.6	°	9	.005	.079	59.2	57.0	56.9	9	134.5	56.9	134.5	53.3	Breeze, overcast, "n, wet night.
12	.057	63.6	°	9	.145	.060	59.9	56.8	59.2	10	125.9	59.2	125.9	53.5	Ca m rain cloudy, dew, fine night.
13	29.951	63.1	°	8	.079	.189	58.2	56.1	55.6	1	97.0	55.6	97.0	51.1	Extremely fine clear, dew.
14	30.133	68.9	°	0		.26	58.2	56.9	55.6	0	127.7	55.6	127.7	49.0	Dews, very fine, cloudy, fine
15	.267	67.2	°	0		.318	60.9	57.9	57.2	0	124.5	57.2	124.5	53.3	Fair, hazy, extremely fine dew
16	.320	69.0	°	0		.323	66.1	60.2	59.2	0	127.8	59.2	127.8	51.6	Breeze, extremely fine dry, warm.
17	.328	70.4	°	0		.320	68.5	63.0	63.5	0	128.5	63.5	128.5	55.8	Extremely fine, hot, very dry, bazy.
18	.357	75.4	°	0		.148	68.4	62.3	64.4	0	130.3	64.4	130.3	58.5	Breeze, extremely fine hot, dry.
19	.265	74.7	°	4		.004	71.1	66.2	80.1	0	131.3	65.3	131.3	60.0	Breeze, hot, thunder vivid lightning.
20	.066	74.8	°	3	.016	30.012	68.3	63.7	73.8	10	132.3	63.9	132.3	61.2	Slight shower, cloudy, ove cast, dead calm.
21	29.983	72.4	°	4	.032	29.959	62.8	62.0	70.3	0	109.5	62.1	109.5	62.3	Gloomy, rai , misty, fair, calm, damp.
22	30.010	60.9	°	2	.043	.854	60.6	58.5	68.0	10	134.4	60.5	134.4	62.3	Overcast gloomy showers, fair.
23	.010	65.0	°	10	.030	.920	58.9	56.5	68.0	8	126.6	60.5	126.6	57.3	Sh wers overcast, cloudy, fair
24	29.832	62.6	°	9	.033	.905	60.9	58.3	70.0	2	135.5	58.2	135.5	53.6	Slight showe , fair, fine clear, dew.
25	.172	67.3	°	4	.033	.920	58.9	56.5	69.4	0	123.0	58.0	123.0	52.9	Showers, cloudy fair steady rain, damp.
26	.906	64.6	°	3	.269	30.05	60.9	58.3	71.0	10	131.9	59.2	131.9	56.5	Cloudy, clear, very fine calm, night
27	.988	65.9	°	7	.098	.001	61.2	57.7	65.3	9	103.3	53.8	103.3	47.7	Overcast, s ight showers, cool, fair, calm.
28	30.118	61.1	°	0		.100	61.0	57.0	72.1	10	131.7	59.0	131.7	52.1	Rain, fair, extremely fine, ca m.
29	.052	63.5	°	9		.290	60.5	58.2	70.6	0	127.2	56.7	127.2	48.8	S. halo, extremely fine, dew.
30	.179	64.4	°	5		.334	61.7	59.2	68.5	0	124.3	57.2	124.3	51.1	Breeze, cloudy, fine, clear.
31	.333	64.9	°	7											
Jan.	933.181	2056.3	1904.3	67	1.826	933.332	1890.1	1814.4	44	152	1799.1	3884.5	1650.4	N.B.—The necessary corrections for "index-error" have been applied to all the instrumental readings.	
Jan.	30.163	66.3	61.4	22	5.5	30.168	61.0	58.5	1.4	4.9	58.0	125.3	53.2	Remarks.—A fine month generally seasonable and very calm. Remarkable thunderstorm without rain on the night of the 20th. Baromete max. on the 18th at 9 a.m. 30.165; min. on the 24th at 9 a.m. 29.832; range 0.325; mean, 30.165. Tem max on the 18th 80.5.; min. on the 3rd. 53.2.; range, 27.3.; in an (by self registering thermometer) 64.1, i.e., 0.5 above the average. Rainfall 0.08 in. above the average. greatest fall 0.727 in. in ninety minutes on the 1st. Mean temperature of sea-water near shore at 8 a.m. 62.9.	

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING AUGUST, 1878, BY J. E. VIBERT, M.A., M.C.P.

At 9 a.m. Local Time.		At 9 p.m. Local Time.		S. R. Thermometers read at 9 p.m. daily.		Lat. 49° 11' 20" N., Long. 2° 9' 43" W.	
Days of Week	Days of Month	Hygrometer.		Barometer reduced to 32° and inches.	Wind.	Amount of Rain, inches.	Height of Barometer cistern above mean sea level, 125 feet.
		Dry Bulb.	Wet Bulb.				
T	1	62.8	59.2	30.224	N.E.	9	Fair, strong breeze, dew
F	2	62.1	57.9	29.927	N.E.	9	Moderate gale, fair, clear, dusty.
S	3	63.5	57.9	30.651	N.E.	9	Heavy shower, strong breeze, very fine, dew.
M	4	83.5	59.9	30.835	W.	5	Dew, cloudy, fine calm, slight rain.
T	5	87.9	63.0	30.762	S.E.	1	Cloudy, fair, overcast, calm, dew.
W	6	93.4	64.8	30.934	S.W.	2	Cloudy, fair, showers, thunder lightning.
T	7	80.184	61.9	30.072	S.W.	1	Shower, fair, cloudy, fine, dew.
F	8	71.4	65.0	29.942	N.W.	1	Shower, cloudy, very fine, overcast.
S	9	65.5	63.9	30.837	E.	10	Fine, so ar halo, warm dry.
M	10	63.0	62.2	30.833	W.	5	Gloomy, slight rain warm, fair.
W	11	63.0	60.1	30.878	S.W.	9	Fair overcast, squally night.
T	12	63.0	59.0	30.700	S.W.	4	Heavy rain fair, fine evening, clear, l. halo dew.
OT	13	65.8	61.8	30.782	S.W.	2	Overcast rain, squally night.
W	14	62.2	61.0	30.609	S.W.	3	Overcast, squally, fine d-w.
T	15	75.2	60.9	30.782	S.W.	4	Overcast, cloudy fair calm dew.
P	16	61.4	58.8	30.614	N.W.	9	Showers, cloudy fair calm dew.
S	17	30.040	65.3	30.151	N.W.	2	Heavy shower, cloudy, fair, dry.
M	18	128	63.1	29.941	N.E.	4	Cloudy, extremely fine, dew, calm.
W	19	29.776	65.4	29.908	N.E.	4	Cloudy, overcast, showers, squally.
T	20	31.7	62.1	30.995	N.E.	0	Breeze, cloudy overcast, showers, calm.
W	21	30.038	65.4	30.919	S.E.	2	Gloomy, showers, cloudy, fair.
T	22	23.895	65.4	29.711	S.W.	3	Cloudy, fair, fine evening, dew.
P	23	57.7	65.4	30.496	S.E.	0	Fair, overcast, rain, very damp.
S	24	54.2	61.5	30.602	W.	1	Cloudy, heavy rain, calm, showers.
S	25	63.2	62.3	30.545	W.	5	Overcast, fair, fine night, dew.
M	26	51.8	63.0	30.716	S.W.	2	Cloudy, fair, rain, drizzle squally.
T	27	79.2	65.3	30.813	S.W.	10	Squally, overcast, fair, shower, cloudy.
W	28	90.3	64.1	30.886	S.W.	6	Fair, cloudy, shower, overcast, squally.
T	29	65.0	70.9	30.542	S.	2	Cloudy, fair, very fine calm, dew, thunder, lig.
F	30	61.2	61.8	30.763	S.W.	9	Cloudy, fair, showers, heavy squalls, rough night.
S	31	84.1	62.9	30.011	W.	2	Strong breeze, showers, very squally.
						10	Squally, shower, fair, overcast.

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

Remarks.—Unsettled weather, much rain, a high daily mean temperature and an absence of extreme readings have been the chief features of the month. Barometer max. on the 8th at 9 p.m. 30.226; min. on the 30th at 1.40 a.m. 29.460; range 0.766; mean, 29.831. Tem. max. on the 10th 73° 8'; min. on the 4th, 55° 0'; range, 18° 8'; in an (by self-registering Thermometer) 64° 4', i.e., 0° 6' above the average. Rainfall double the average; greatest fall in 24 hours 0.703 on the 23rd Rainfall for the last 3 days 3.41 in. above the average of the past four years. Mean temperature of sea-water near shore at 8 a.m. 64° 2'.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING OCTOBER, 1878, BY J. E. VIBERT, M.A.

Days of Week.	At 9 a.m. Local Time.				Amount of rain, inches.	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.		
	Barometer reduced to 32° and 30.0	Hygrometer.		Wind.		Cloud, 0-10.	Barometer reduced to 32° and 30.0	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	ins. 30.015	60.9	58.3	N.E.	3	ins. 30.199	54.8	53.4	N.W.	1	63.8	54.8	117.1	47.2	Cloudy, slight showers, very fine, dew.	
W	.307	63.0	58.1	S.E.	1	.313	56.5	54.7	0	0	66.5	52.8	116.3	45.0	Heavy dews, cloudy, extremely fine.	
T	.274	62.4	58.1	S.E.	2	.224	60.8	55.8	S.E.	3	65.3	54.7	115.3	46.9	Extremely fine, s. and l. halos, cloudy, dry, clear	
F	.207	62.2	58.4	S.E.	2	.180	60.9	58.1	0	0	67.3	55.0	113.5	48.0	Extremely fine, calm, warm evening.	
S	.167	66.1	60.4	S.E.	2	.29.935	63.0	59.0	S.E.	3	67.0	58.6	121.3	48.7	Very fine, cloudy, s. and l. halos, warm.	
M	.29.895	63.4	60.8	S.	2	.747	60.6	6.1	S.E.	1	63.7	57.9	91.6	57.0	Fair, heavy showers, squally, damp.	
W	.6.0	62.6	57.6	S.	2	.432	59.5	56.3	S.W.	6	65.8	57.9	114.0	52.7	Fair, cloudy, moderate gale, showers, squalls.	
T	.509	61.0	57.0	S.W.	4	.711	58.3	55.4	S.W.	5	66.2	57.5	114.5	51.8	Squally, fair, fine p.m., and evening.	
W	.723	58.3	56.8	S.	5	.541	60.0	57.1	S.W.	6	63.8	56.4	104.0	51.6	Gloomy, showers, fair, fresh gale, lightning, squally.	
Th	.479	60.9	56.5	S.W.	7	.831	54.5	50.9	W.	5	63.0	53.1	105.4	49.1	Fresh gale, showers, fair, squally.	
F	.30.077	64.9	57.4	N.W.	8	.30.219	50.3	47.8	N.W.	4	63.3	49.9	118.0	41.7	Cloudy, fair, slight showers, l. halo.	
S	.322	60.2	52.4	E.	1	.376	52.1	47.3	N.E.	2	63.7	49.2	112.5	39.3	Extremely fine, v. dry, calm, slight shower, clear.	
M	.360	58.6	52.1	S.E.	3	.229	56.8	51.3	S.E.	4	60.0	50.8	108.3	41.2	Extremely fine dry, breeze, clear.	
T	.109	53.4	4.9	E.	4	.29.950	55.7	50.7	E.	6	60.0	50.8	107.0	45.0	Extremely fine, dry, clear, strong breeze.	
W	.29.941	53.5	50.6	N.E.	3	.30.009	54.1	50.3	E.	1	58.1	48.1	81.2	38.8	Overcast, fair, cool, calm night.	
Th	.30.074	59.2	54.1	E.	2	.077	53.3	50.9	E.	1	64.9	51.4	115.5	42.2	Extremely fine, calm, heavy dews, l. halo.	
F	.004	61.3	57.8	E.	2	.29.891	59.0	57.0	E.	3	66.2	52.0	109.1	41.8	Heavy dew, extremely fine, cloudy.	
S	.29.753	55.6	52.3	N.E.	5	.649	59.7	57.1	N.E.	3	59.7	52.8	110.8	48.9	Overcast, fair, breeze, max. tem 9 p.m.	
M	.732	59.3	57.9	W.	1	.851	58.0	56.8	0	10	61.2	56.4	76.5	50.1	Foggy, gloomy, fair, calm, warm.	
T	.866	63.3	59.8	S.W.	1	.777	58.2	55.9	S.	1	65.8	54.8	112.3	46.8	Cloudy, fine, warm, heavy dew.	
W	.186	68.7	57.4	S.W.	1	.477	58.2	55.1	S.W.	5	67.2	59.4	121.0	49.0	Very cloudy, fair, warm, showers, rough night.	
T	.396	50.6	49.0	N.W.	2	.520	50.3	47.6	N.W.	4	60.0	47.6	119.2	40.3	Squally, heavy showers, hail, cool.	
Th	.730	49.8	47.4	N.W.	2	.817	52.8	49.1	S.W.	4	68.5	47.1	109.5	43.0	Squally, showers, cloudy, rough, wet night.	
F	.519	59.2	57.9	S.W.	2	.451	52.3	47.1	W.	4	60.5	51.1	67.3	45.5	Gals, gloomy, heavy showers fair.	
S	.371	51.5	49.7	W.	2	.451	52.3	49.0	S.W.	6	65.8	46.8	97.0	44.6	Cloudy, squally, showers hail, stormy night.	
M	.194	51.0	49.9	S.W.	8	.431	55.1	48.1	W.	4	65.8	47.2	106.7	40.8	Gale, showers, brilliant rain, fair.	
T	.499	61.3	49.1	W.	3	.780	46.9	43.9	N.	4	53.1	45.2	106.3	36.3	Calm, showers, thunder, lightning, hail.	
W	.919	61.3	47.9	N.W.	3	.929	49.1	42.8	N.W.	1	56.7	45.3	117.2	38.5	Showers, cloudy, fair, dry air 9 p.m.	
Th	.993	49.1	44.0	N.W.	3	.873	44.0	41.2	N.W.	3	49.8	43.3	69.3	38.2	Cloudy, showers, overcast, hail, lightning, cool.	
F	.865	47.6	41.6	N.W.	3	.895	48.3	43.7	N.W.	3	51.5	39.7	102.6	34.1	Hail, fine, squally, showers, cold.	
T	.924	47.1	42.9	N.	1	.986	43.7	41.4	N.	7	52.1	42.6	104.5	33.1	Showers, cloudy, fair, very wet night.	
Sum.	925.552	1768.6	1651.2		90	4.799	1695.6	1595.3		84	1894.4	1586.2	9274.8	1977.1	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.

REMARKS.—An unusual number of very fine days, a generally high mean temperature, much squally weather, and a heavy rainfall have been the chief characteristics of the month. Barometer max. on the 12th at 9 p.m. 30.376; min. on the 26th at 6.45 p.m. 29.192; range 1.184; mean, 29.862. Temp. max. on the 4th 67°3; min. on the 30th, 39°7; range, 27°8; mean (by self-registering Thermometers) 56°1, i.e., 1°4 above the average. Rainfall (extending over about 43 hours in all), 1.133 in. above the average. Mean temperature of sea-water near shore at 8 a.m. 59°1.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING NOVEMBER, 1878. BY J. E. VIBERT, M.A.

Days of Week	Days of Month	At 9 a.m. Local Time.				At 9 p.m. Local Time.				S. R. Thermometers read at 9 p.m. daily.				Lat. 49° 11' 20" N., Long. 2° 9' 43" W.	
		Hygrometer.		Wind.		Hygrometer.		Wind.		Max. in shade.		Min. in shade.		Height of Barometer cistern above mean sea level, 125 feet.	Height of Thermometers above ground, 4 feet.
		Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	Dry Bulb.	Wet Bulb.	Direction.	Force, 0-12.	°	°	°	°		
		Barometer reduced to 32° and ins.			Amount of rain, inches.	Barometer reduced to 32° and ins.					Cloud, 0-10.		Min. on glass.		
D	1	28.891	41.2	N.W.	1	40.4	46.1	N.E.	2	48.4	37.5	8	37.5		Gloomy, heavy showers, cold, hail, thunder and light
F	2	30.166	42.0	N.E.	1	40.8	4.3	N.E.	3	47.2	41.0	1	35.8		Gloomy, hail, thunder, slight showers, fair.
S	3	29.0	50.0	N.	2	44.6	43.9	N.	2	51.4	41.0	3	34.0		Fine, rain, cloudy, showers.
S	4	29.935	46.7	N.	5	45.0	44.4	N.E.	2	55.2	40.9	5	30.5		Cloudy, heavy showers, hail, fair.
M	5	28.809	46.2	N.E.	0	41.3	46.2	N.	3	49.0	41.3	10	36.5		Cloudy, strong breeze, fair, very dry.
T	6	725	46.6	N.W.	5	44.0	42.7	N.	3	48.0	41.4	9	35.3		Hail, showers, cloudy, fair at times.
W	7	834	45.5	N.W.	2	41.7	42.0	N.	1	49.6	39.3	4	28.3		Cloudy, showers, hail, fine, calm, rough night.
T	8	723	46.7	N.W.	2	45.8	45.9	N.	0	51.0	39.8	4	29.0		Fresh gale, thunderstorm, hail, rain, light squalls.
F	9	30.309	48.3	S.W.	8	41.8	45.8	N.W.	6	52.2	41.0	6	34.0		Cloudy, fine, clear, overcast, rough night.
S	10	29.839	51.2	N.W.	4	46.8	48.6	S.W.	4	52.5	45.0	10	41.7		Fresh gale gloomy, heavy showers.
O	11	717	48.9	N.W.	7	43.3	46.5	S.W.	7	50.3	42.3	7	33.4		Hail, cloudy showers, squally.
S	12	490	41.0	S.	3	40.0	46.5	N.W.	2	46.8	38.0	4	31.3		Gloomy, heavy rain, hail, fair, squally.
M	13	4.8	41.7	N.W.	4	39.7	42.2	N.	4	42.5	37.6	10	34.3		Gloomy, heavy rain, squally, cold.
T	14	576	44.4	N.	5	42.4	44.4	N.	3	45.2	41.3	8	38.3		Gloomy, slight rain, cloudy, fair.
W	15	493	47.0	N.W.	3	42.7	43.3	N.W.	1	47.5	42.2	1	36.7		Fair, gloomy, rain, squally.
T	16	505	44.8	N.W.	6	42.0	43.7	N.E.	3	48.5	40.0	6	37.0		Fair, cloudy shower, heavy rain, hail.
F	17	657	44.9	N.	1	42.5	47.1	N.E.	4	49.7	45.2	6	40.4		Overcast, fair, showers, hail squally.
S	18	890	48.1	N.E.	5	44.3	47.3	N.E.	3	51.6	42.0	0	34.4		Strong breeze, slight hail, cloudy fair.
M	19	30.340	48.2	N.E.	3	44.4	46.4	N.E.	3	46.7	42.7	10	36.5		Moderate breeze, extremely fine, dews.
T	20	351	44.2	N.E.	4	40.9	45.2	N.E.	3	45.2	42.0	10	35.4		Gloomy, breeze, cloudy fair dry.
W	21	143	41.2	N.E.	4	41.9	41.4	N.E.	1	45.2	42.0	10	35.4		Overcast, fair, dry, calm night.
T	22	082	44.0	N.E.	2	41.0	41.9	N.E.	1	46.7	43.0	10	40.8		Calm, misty, overcast, fair, dry.
F	23	032	37.4	S.E.	0	38.0	37.6	E.	5	45.3	34.9	10	31.3		Cloudy, cold, overcast, fair, rain at night.
S	24	29.578	42.6	S.	3	45.6	51.5	S.W.	4	54.8	36.8	10	35.3		Cloudy, warm, fair, overcast, mild, damp.
M	25	457	50.6	S.W.	1	49.7	48.3	N.E.	2	51.8	47.6	10	47.3		Gloomy, drizzle, showers, mild, damp.
T	26	440	47.9	N.E.	2	47.5	47.6	N.E.	2	50.8	46.5	10	46.7		Fog, gloomy drizzle, shower, mild, rough night.
W	27	343	42.2	N.E.	5	40.2	44.4	N.E.	3	48.0	40.0	10	41.3		Heavy rain, squally, drizzle, showers, gloomy.
T	28	513	43.6	N.W.	2	42.2	44.5	N.	5	46.5	41.3	10	39.0		Cloudy, fair, rain, squally showers.
F	29	957	41.1	N.E.	3	37.2	38.5	N.	0	44.8	35.4	10	25.8		Overcast, cloudy, fair, calm, rain at night.
S	30	949	41.7	N.E.	0	43.9	44.7	N.	0	52.9	38.0	10	33.8		Foggy, calm, cloudy, mild, fair, slight rain.
Means		894.487	1365.9		83	1282.6	1342.4		84	1467.7	1226.2		1083.3		N.B.—The necessary corrections for index error have been applied to the instrument readings.

REMARKS.—With the exception of a very few days the month has been cold, squally, gloomy, and excessively wet. Barometer max. on the 19th 30.412 min. on the 12th at 4 p.m. 29.959; range 1.153; mean 29.817. Temp max on the 23rd 55° 2; min on the 23rd 34° 9 range 22° 3; mean (by self registering thermometer) 44° 9; i.e., 4° 5 below the average of the last 4 years. Rainfall 3.523 in. above the same average. Max. fall in 24 hours, 1.154 in. on the 13th; in the rain which fell after 4 p.m. on the 13th carbon was found in solution 1.45 grain in half a pint of water. Mean temperature of sea water near shore at 8 a.m. 49° 6, or nearly 10° lower than last month. Glow worms seen from 5 to 6 p.m. on 24th.

METEOROLOGICAL OBSERVATIONS TAKEN AT ST. AUBIN'S, JERSEY, DURING DECEMBER, 1878. BY J. E. VIBERT, M.A.

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.
		Barometer reduced to 32° and S. L.	Hygrometer.		Wind.	Cloud, 0-10.		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.					Dry Bulb.	Wet Bulb.										
S	1	29.917	43.9	42.2		0.303	ins.	40.9	39.9	N.W.	9	47.3	39.4	60.7	31.3	Calm. cloudy, overcast, showers, hail.				
M	2	29.967	42.4	41.3	N.E.	0.48	30.082	41.9	38.4	N.E.	2	43.7	40.2	60.5	33.1	Overcast, slight showers, cloudy, fair.				
T	3	30.065	40.4	38.2	N.	0.050	29.955	38.5	37.0	N.E.	4	42.9	37.2	71.7	29.3	Cloudy, slight showers, fair, cold, and squally.				
W	4	29.72	42.6	39.1	N.E.		29.955	42.5	38.2	N.E.	3	44.6	35.0	82.7	28.2	Cloudy, fair, dry, overcast.				
T	5	29.727	44.9	40.3	N.W.	0.013	29.669	44.9	40.5	N.	6	50.8	38.2	91.5	28.9	Cloudy, fine, slight rain, fine night, hail.				
F	6	29.712	40.4	35.7	N.	0.300	29.669	40.0	36.4	N.W.	1	44.9	37.0	90.6	30.3	Cloudy, very fine, overcast, l. halo, rain at night.				
S	7	29.712	44.0	42.0	N.	0.110	29.669	39.1	34.8	N.E.	3	44.8	37.2	70.6	28.3	Cloudy, heavy showers fair, squally.				
S	8	29.578	38.1	34.0	N.	0.115	29.591	36.3	33.0	N.E.	2	39.6	32.4	69.4	27.2	Cloudy, cold, snow and hail.				
OM	9	29.725	32.9	32.2	N.E.	0.367	29.725	34.5	33.3	E.	2	44.6	32.1	88.5	21.8	Snow, very fine warm sun, heavy hail, and snow				
T	10	29.792	36.1	34.3	E.	0.005	29.844	31.3	29.9	E.	3	39.3	30.8	84.6	26.5	2 in. snow on ground, very fine, frost.				
W	11	29.885	32.4	29.9	N.E.	0.260	29.895	32.0	31.2	S.	1	41.8	27.5	80.5	18.0	Frost, calm, heavy showers of snow.				
T	12	29.833	35.0	34.0		0.020	29.691	33.9	30.9	S.E.	2	38.7	30.1	73.8	20.7	Snow, calm, fair shower, s. halo, frost's night.				
F	13	29.865	30.5	28.9	E.	0.038	29.524	34.8	32.2	S.E.	4	36.6	28.0	79.0	20.1	Frost, very fine, overcast, sleet, snow, squally.				
S	14	29.485	36.2	35.8	S.E.	0.008	29.688	36.1	32.2	E.	3	37.4	31.6	67.1	30.3	Gloomy, thaw, slight snow, fine night.				
S	15	29.865	37.0	34.3	N.W.	0.246	29.774	44.0	40.5	S.W.	5	47.3	33.0	86.4	21.9	Slight snow, cloudy thaw, squally rain at night.				
M	16	29.549	39.8	38.3	S.	0.365	29.480	39.2	38.4	S.	1	44.2	36.9	46.3	33.1	Gloomy, overcast, heavy rain 8 p.m.				
T	17	29.484	37.7	35.7	N.E.	0.084	29.667	36.0	34.0	N.E.	1	40.0	35.5	79.6	26.5	Hail, cloudy fair, evening fine, cold.				
W	18	29.596	41.7	40.2	W.	0.640	29.424	43.2	42.4	W.	6	46.0	34.0	77.3	22.5	Shower, cloudy, mod. gale squally, wet night.				
T	19	29.415	40.5	37.2	N.W.	0.019	29.559	37.4	35.5	N.	1	47.1	33.8	88.3	25.3	Hail, showers, warm sun, cloudy, fair.				
F	20	29.597	37.2	36.0	N.W.	0.019	29.645	38.5	36.4	N.E.	2	44.5	33.9	83.5	25.3	Calm hail fine, very clear, cloudy.				
S	21	29.853	36.9	35.0	N.E.	0.140	29.010	37.2	35.2	N.E.	1	41.7	34.9	83.5	26.6	Cloudy, fine, heavy hail at night.				
S	22	29.974	42.2	39.0	W.	0.184	29.933	39.9	38.8	W.	1	46.1	34.6	98.6	30.4	Squally, warm sun, heavy/showers of rain & hail.				
M	23	29.933	37.7	35.0	N.	0.007	29.102	36.1	32.0	N.E.	2	44.5	33.9	88.9	25.9	Cloudy, very fine, slight shower, calm night.				
T	24	30.328	35.1	32.5	N.E.	0.008	29.287	34.0	32.0	E.	0	38.4	32.3	68.3	22.0	Cold, extremely fine, rough, squally night.				
W	25	29.912	37.2	31.9	E.	0.011	29.649	41.3	39.5	S.E.	3	41.3	31.9	44.0	30.4	Hail cold wind gloomy very dry, slight rain.				
T	26	29.645	47.1	46.5	S.	0.62	29.525	45.5	45.0	S.W.	5	50.8	40.5	88.8	38.8	Cloudy, mild, fair, damp, slight sbw. and night.				
F	27	29.574	45.5	43.8	N.W.	0.090	29.601	47.6	45.6	W.	3	48.6	44.0	55.5	39.5	Overcast, gloomy mild showers, fine.				
S	28	29.718	41.9	43.5	S.	0.120	29.408	46.5	44.9	S.E.	3	47.5	42.4	83.6	37.0	Heavy dew, fine cloudy, squally, wet night.				
S	29	29.540	44.6	43.9	S.E.	0.276	29.596	47.0	45.8	S.	3	49.6	43.0	88.5	36.5	Overcast, cloudy drizzle, l. halo, wet night.				
M	30	29.694	50.3	50.3	S.W.	0.312	29.734	50.3	49.3	S.W.	3	54.6	46.1	60.0	45.3	Scotch mist, very damp, mild, rain, squally night.				
T	31	29.843	50.6	48.6	S.W.	0.917	29.917	52.1	49.1	S.W.	7	52.8	48.0	65.7	45.0	Overcast, fair, cloudy, squally night.				
Sums		923.759	1245.8	1179.5		4.288	923.563	1242.5	1172.3		84	1385.4	1118.2	2366.8	911.9	N.B.—The necessary corrections for "index error" have been applied to the instrument readings.				
Means		29.800	40.2	38.0		2.2	29.786	40.1	37.8		2.7	44.7	36.1	76.3	29.4					

REMARKS.—Cold, an unusual amount of hail and snow, but very mild after the 25th. Barometer max. on the 24th 9 a.m. 30.328; min. on the 28th at 9 p.m. 29.408; range 0.920; mean 29.733; Temp max. on the 30th 54° 6; min. on the 11th 27° 5; range 27° 1; mean (by self registering Thermometer) 40° 4; i.e. 4° below the average Rainfall 0.365 in. below the average. Max. in 24 hours, 0.64 in. on the 18th. (Total rainfall for 1878, 41.131 in. i.e. 8 in. above the average.) Mean temperature of sea-water near shore at 8 a.m. 43.8.