

ABSTRACT OF METEOROLOGICAL OBSERVATIONS MADE DAILY THROUGHOUT THE YEAR 1853, AT THE SEAMENS' HOSPITAL.

(The Instruments had a Northerly exposure and were situated 140 feet above high water level.)

MONTHS	HOUR OF OBSERVATION.	BAROMETER (Aneroid.)	THERMO- METER.	HYGROMETER.					REMARKS.
				WET BULB THERMO- METER.	DIFFERENCE BETWEEN WET & DRY THERMO- METER.	DEW POINT.	DEGREE OF HUMIDITY.	WEIGHT OF AQUEOUS VAPOUR PER CUBIC FOOT OF AIR.	
January	7½ A.M.	29.94	53.38	51.59	1.79	49.8	882	4.05 grains	Barometer, maximum 30.14; minimum 29.81. Thermometer " 71.0; " 42.5. Max. difference of wet and dry Ther. 8.5; min. 0.0 No. of rainy days 15; quantity of rain 0.60 inches. Prevailing winds E., N., and S.E.
	9½ A.M.	29.98	54.88	52.28	2.60	50.5	857	4.15 "	
	12½	29.96	56.05	52.86	3.19	50.5	821	4.11 "	
	3½ P.M.	29.92	56.80	53.53	3.27	50.5	806	4.13 "	
	9½ P.M.	29.94	54.42	51.92	2.50	49.0	827	3.94 "	
February	7½ A.M.	29.92	54.00	50.67	3.33	47.8	786	3.69 grains	Barometer, maximum 30.17; minimum 29.76. Thermometer " 70.5; " 43.0. Max. difference of wet and dry Ther. 12.0; min. C.0 No. of rainy days 8; quantity of rain 1.85 inches. Prevailing winds E., N.E., and S.E.
	9½ A.M.	29.96	56.25	51.85	4.40	48.0	747	3.77 "	
	12½	29.92	59.30	53.30	6.00	48.5	682	3.79 "	
	3½ P.M.	29.88	59.20	53.51	5.69	48.8	694	3.87 "	
	9½ P.M.	29.91	56.10	52.40	3.70	49.5	792	3.98 "	
March	7½ A.M.	29.90	64.82	60.82	4.00	58.4	799	5.35 grains	Barometer, maximum 30.09; minimum 29.66 Thermometer, " 80.75; " 56.00 Max. difference of wet and dry Ther. 13.0; min. 1.00 No. of rainy days 5; quantity of rain 0.1 inches. Prevailing winds E., S.E., and N.E.
	9½ A.M.	29.93	67.61	61.90	5.71	58.5	732	5.35 "	
	12½	29.91	70.72	63.50	7.22	59.2	674	5.45 "	
	3½ P.M.	29.86	70.82	64.00	6.82	59.7	682	5.54 "	
	9½ P.M.	29.88	65.80	62.22	3.58	60.7	837	5.79 "	
April	7½ A.M.	29.83	73.16	69.58	3.58	67.7	835	7.27 grains	Barometer, maximum 29.97; minimum 29.67 Thermometer, " 86.5; " 62.00 Max. difference of wet and dry Ther. 19.0; min. 0.5 No. of rainy days 7; quantity of rain 1.25 inches. Prevailing winds, nearly equal from all quarters.
	9½ A.M.	29.86	74.78	70.66	4.12	68.8	819	7.50 "	
	12½	29.84	77.53	71.16	6.37	67.9	727	7.24 "	
	3½ P.M.	29.80	76.78	71.28	5.50	68.7	760	7.44 "	
	9½ P.M.	29.81	73.10	70.15	2.95	68.7	860	7.48 "	
May	7½ A.M.	29.79	80.85	76.16	4.69	74.3	810	8.92 grains	Barometer, maximum 29.95; minimum 29.60. Thermometer, " 91.0; " 73.5. Max. difference of wet and dry Ther. 15.0; min. 0.5 No. of rainy days 18; quantity of rain 13.0 inches. Prevailing winds S. and S.E.
	9½ A.M.	29.82	82.80	76.32	6.48	73.6	742	8.69 "	
	12½	29.81	84.70	77.39	7.31	74.3	743	8.85 "	
	3½ P.M.	29.76	83.00	76.70	6.30	74.0	746	8.78 "	
	9½ P.M.	29.77	78.20	75.10	3.10	73.8	868	8.82 "	

June	7½ A.M.	29.69	82.81	78.60	4.21	77.1	833	9.73 grains	Barometer, maximum 29.87; minimum 29.54.
	9½ A.M.	29.72	84.87	79.21	5.66	77.2	870	9.74 "	Thermometer, " 91.5; " 73.0.
	12½	29.71	85.98	79.80	6.18	77.7	764	9.84 "	Max. difference of wet and dry Ther. 10.5; min. 1.0.
	3½ P.M.	29.67	85.87	79.50	6.37	77.3	756	9.70 "	No. of rainy days 23; quantity of rain 13.45 inches.
July	9½ P.M.	29.68	81.40	77.78	3.62	76.5	957	9.54 "	Prevailing winds S.E., S., and S.W.
	7½ A.M.	29.50	83.26	79.00	4.26	77.5	828	9.82 grains	Barometer, maximum 29.77; minimum 29.26.
	9½ A.M.	29.52	84.44	79.22	5.22	77.5	798	9.81 "	Thermometer, " 93.0; " 76.5.
	12½	29.52	85.55	79.55	6.00	77.4	769	9.77 "	Max. difference of wet and dry Ther. 11.0; min. 1.0.
August	3½ P.M.	29.49	85.55	79.45	6.10	77.4	767	9.75 "	No. rainy days 18; quantity of rain 19.05 inches.
	9½ P.M.	29.51	82.60	78.50	4.10	77.0	837	9.72 "	Prevailing winds S.E., S., and S.W.
	7½ A.M.	29.58	82.24	78.50	3.74	77.2	849	9.78 grains	Barometer, maximum 29.74; minimum 29.43.
	9½ A.M.	29.61	84.20	78.74	5.46	76.7	785	9.60 "	Thermometer, " 90.5; " 78.0.
September	12½	29.61	86.30	79.30	7.00	76.6	733	9.53 "	Max. difference of wet and dry Ther. 11.0; min. 1.5.
	3½ P.M.	29.57	85.90	79.56	6.44	77.2	751	9.70 "	No. of rainy days 9; quantity of rain 1.25 inches.
	9½ P.M.	29.58	81.32	78.00	3.32	76.7	860	9.63 "	Prevailing winds S.W., S., and S.E.
	7½ A.M.	29.64	81.66	76.90	4.76	74.7	800	9.08 grains	Barometer, maximum 29.79; minimum 29.51.
October	9½ A.M.	29.68	83.80	76.90	6.00	74.5	749	9.02 "	Thermometer, " 91.5; " 75.0.
	12½	29.65	85.36	77.80	7.56	74.7	712	9.09 "	Max. difference of wet and dry Ther. 13.0 min. 1.0.
	3½ P.M.	29.62	84.80	78.00	6.80	75.2	788	9.15 "	No. of rainy days 14; quantity of rain 16.0 inches.
	9½ P.M.	29.64	80.60	76.55	4.08	74.7	830	9.10 "	Prevailing winds S.W., S., and S.E.
November	7½ A.M.	29.82	76.13	71.00	5.13	68.7	780	7.46 grains	Barometer, maximum 30.04; minimum 29.70.
	9½ A.M.	29.82	77.43	71.43	6.00	68.2	737	7.32 "	Thermometer, " 88.5; " 65.5.
	12½	29.81	79.50	72.65	6.85	69.4	716	7.60 "	Max. difference of wet and dry Ther. 9.5; min. 1.5.
	3½ P.M.	29.79	79.00	73.10	5.90	70.5	754	7.88 "	No. of rainy days 11; quantity of rain 1.55 inches.
December	9½ P.M.	29.82	73.80	71.92	3.88	70.0	827	7.81 "	Prevailing winds N.E., E., and S.E.
	7½ A.M.	29.78	71.60	69.16	2.44	67.8	879	7.31 grains	Barometer, maximum 29.93; minimum 29.68.
	9½ A.M.	29.83	73.56	69.10	4.46	66.7	796	7.02 "	Thermometer, " 82.5; " 62.0.
	12½	29.78	75.10	70.18	4.92	67.7	781	7.24 "	Max. difference of wet and dry Ther. 8.5; min. 0.5.
December	3½ P.M.	29.75	74.63	69.93	4.70	67.7	795	7.26 "	No. of rainy days 13; quantity of rain 8.5 inches.
	9½ P.M.	29.79	72.08	69.03	3.05	67.5	859	7.22 "	Prevailing winds N.E., E., and S.E.
	7½ A.M.	29.85	60.60	57.34	3.26	54.7	813	4.75 grains	Barometer, maximum 30.11 minimum 29.72.
	9½ A.M.	29.89	62.74	58.21	4.53	55.0	764	4.79 "	Thermometer, " 73.5; " 48.0.
December	12½	29.85	64.90	59.39	5.51	55.5	720	4.83 "	Max. difference of wet and dry Ther. 9.5; min. 0.5.
	3½ P.M.	29.81	64.66	59.53	5.13	56.0	726	4.84 "	No. of rainy days 14; quantity of rain 2.35 inches.
	9½ P.M.	29.86	61.94	58.21	3.73	55.8	800	4.91 "	Prevailing winds N., N.E., and N.W.