

METEOROLOGICAL RECORD

For the week ending Feb. 1, in Boston, according to observations furnished by Sergeant J. W. Smith of the United States Signal Corps:

Date	Barometer		Thermometer		Relative humidity		Direction of wind		Velocity of wind		Weath'r		Rainfall in inches.	
	Daily mean.	Daily mean.	Maximum.	Minimum.	8.00 A.M.	8.00 P.M.	Daily mean.	8.00 A.M.	8.00 P.M.	8.00 A.M.	8.00 P.M.	8.00 A.M.		8.00 P.M.
S...26	30.50	32	39	24	87	82	84	W	S	4	14	O.	O.	T.
M...27	30.00	39	54	24	100	37	64	W	W	22	24	O.	O.	.10
T...28	30.54	18	24	13	34	37	36	W	W	19	16	O.	O.	
W...29	30.55	16	19	12	59	52	56	N	N	12	8	F.	C.	
F...30	30.30	19	25	13	93	51	72	N	N	11	12	N.	C.	
S...31	30.40	20	28	13	59	76	68	W	E	7	12	O.	O.	
S...1	30.22	32	36	28	85	100	92	E	N E	13	10	N.	R.	.16
	30.86		32	18		67								.26

* O, cloudy; C, clear; F, fair; G, fog; H, hazy; S, smoky; R, rain; T, threatening; N, snow. † Indicates trace of rainfall. ☞ Mean for week.

RECORD OF MORTALITY

FOR THE WEEK ENDING SATURDAY, FEB. 1, 1902.

CITIES.	Population* Estimated, 1902.	Reported deaths in each.	Deaths under five years.	Percentage of deaths from					
				Infectious diseases.	Acute lung diseases.	Diphtheria and croup.	Typhoid fever.	Diarrheal diseases.	
New York	3,665,352	1,359	482	23.44	17.80	3.75	.59	2.90	
Chicago	1,852,828	—	—	—	—	—	—	—	
Philadelphia	1,349,624	530	149	22.00	17.35	2.20	3.96	.28	
St. Louis	603,717	—	—	—	—	—	—	—	
Baltimore	525,330	215	57	16.74	21.39	1.86	.93	.93	
Cleveland	411,826	—	—	—	—	—	—	—	
Buffalo	375,742	—	—	—	—	—	—	—	
Pittsburg	341,401	130	40	20.00	32.30	3.84	4.61	2.30	
Cincinnati	332,032	—	—	—	—	—	—	—	
Milwaukee	304,875	—	—	—	—	—	—	—	
Washington	269,537	—	—	—	—	—	—	—	
Providence	185,870	82	28	20.74	18.30	3.66	1.22	1.22	
Boston	588,736	228	54	28.95	14.91	1.75	.88	.88	
Worcester	127,337	33	9	9.09	24.24	—	—	—	
Fall River	111,872	24	12	37.49	12.50	—	—	4.16	
Lowell	99,574	30	6	26.66	20.00	—	—	—	
Cambridge	90,334	21	9	14.28	33.33	4.76	—	—	
Lynn	71,144	24	5	25.00	8.33	—	—	—	
Lawrence	67,275	22	11	22.72	4.54	—	—	—	
Springfield	66,854	16	4	18.75	18.75	—	18.75	—	
Somerville	65,862	16	5	25.00	12.50	6.25	—	—	
New Bedford	65,574	23	9	17.39	17.39	—	—	—	
Holyoke	48,065	16	8	18.75	37.50	6.25	—	—	
Brookton	43,208	7	2	14.30	—	—	—	—	
Haverhill	40,392	12	2	25.00	16.67	—	—	—	
Salem	36,567	8	2	25.00	12.50	25.00	—	—	
Newton	36,336	8	—	—	25.00	—	—	—	
Malden	35,390	8	1	12.50	—	12.50	—	—	
Chelsea	35,204	7	2	—	—	—	—	—	
Fitchburg	33,848	8	2	12.50	50.00	—	—	—	
Taunton	32,759	4	—	25.00	—	—	—	—	
Everett	27,114	5	2	—	—	—	—	—	
North Adams	26,583	8	3	12.50	25.00	—	—	—	
Gloucester	26,121	6	2	—	—	—	—	—	
Quincy	25,307	6	3	—	16.67	—	—	—	
Waltham	24,612	7	1	28.60	42.90	—	—	—	
Pittsfield	22,311	2	1	—	100.	—	—	—	
Brookline	21,679	—	—	—	—	—	—	—	
Chicopee	20,390	7	3	—	—	—	—	—	
Medford	20,014	5	1	—	60.00	—	—	—	
Newburyport	14,478	7	—	—	14.30	—	—	—	
Melrose	13,384	3	—	—	66.67	—	—	—	

* The populations of the cities outside of Massachusetts were estimated on the basis of the rate of growth from 1890 to 1900. Those of the Massachusetts cities were estimated upon the rate of growth from 1895 to 1900, since the State had an intermediate census in 1895. The populations of Gloucester, Marlborough and Newburyport were allowed to stand as in 1900, they having suffered a slight decrease during the five-year period.

Deaths reported 2,912; under five years of age, 923; principal infectious diseases (smallpox, measles, scarlet fever,

cerebrospinal meningitis, diphtheria and croup, diarrheal diseases, whooping cough, erysipelas, fevers and consumption) 637, acute lung diseases 539, consumption 275, scarlet fever 46, erysipelas 9, typhoid fever 43, whooping cough 16, cerebrospinal meningitis 12, smallpox 41, measles 30, diarrheal diseases 9.

From whooping cough, New York 6, Philadelphia 2, Providence 1, Boston 4, Lawrence 2, Revere 1. From cerebrospinal meningitis, New York 4, Pittsburg 1, Worcester 1, Lynn 4, Somerville 1, Brockton 1. From scarlet fever, New York 29, Philadelphia 9, Pittsburg 2, Boston 4, Holyoke 1. From erysipelas, New York 6, Philadelphia 1, Pittsburg 1, Boston 1. From smallpox, New York 15, Philadelphia 13, Providence 1, Boston 12.

Beginning with January, 1902, the term "great towns" as employed in the Registrar General's Weekly Return of births and deaths includes the seventy-five municipalities of England and Wales which have a population of more than 50,000 in each.

In the seventy-five great towns of England and Wales, with an estimated population of 14,800,427, for the week ending Jan. 18, the death-rate was 17.7. Deaths reported 5,035; acute diseases of the respiratory organs (London) 307, whooping cough 90, diphtheria 85, measles 158, smallpox 59, scarlet fever 57.

The death-rate ranged from 4.8 in Hornsey to 27.9 in St. Helens; London 18.0, West Ham 16.1, Croydon 17.0, Brighton 15.5, Portsmouth 14.7, Southampton 13.1, Bristol 14.6, Birmingham 21.8, Leicester 12.8, Nottingham 17.4, Birkenhead 10.7, Liverpool 21.8, Manchester 20.9, Salford 18.4, Bradford 16.5, Leeds 19.1, Sheffield 15.7, Hull 14.4, Newcastle-on-Tyne 21.9, Cardiff 15.4.

OFFICIAL LIST OF THE CHANGES OF STATION AND DUTIES OF COMMISSIONED AND NON-COMMISSIONED OFFICERS OF THE U. S. MARINE HOSPITAL SERVICE FOR THE SEVEN DAYS ENDING JAN. 16, 1902.

GLENNAN, A. H., surgeon. Detailed to represent the service at meeting of International Sanitary Conference at Havana, Cuba, Feb. 15. Jan. 11, 1902.

GUIERAS, G. M., passed assistant surgeon. Detailed to represent the service at meeting of International Sanitary Conference at Havana, Cuba, Feb. 15. Jan. 11, 1902.

DECKER, C. E., assistant surgeon. Granted leave of absence, on account of sickness, for 30 days from Jan. 15. Jan. 16, 1902.

LAVINDER, C. H., assistant surgeon. Bureau letter of Jan. 2, 1902, granting Assistant Surgeon Lavinder leave of absence for 2 days, amended so that said leave shall be for 1 day only. Jan. 11, 1902.

CRAIG, R. C., acting assistant surgeon. To report to Surgeon F. W. Mead for duty. Jan. 15, 1902.

SWETING, C. B., acting assistant surgeon. Granted leave of absence for 5 days from Jan. 23. Jan. 16, 1902.

SOCIETY NOTICES.

SUFFOLK DISTRICT MEDICAL SOCIETY.—The Section for Clinical Medicine, Pathology and Hygiene will meet in Sprague Hall, Boston Medical Library, 8 The Fenway, Wednesday, Feb. 19, at 8 p.m. Subject: "The Treatment of Hay Fever," Dr. J. P. Clark, Dr. A. Coolidge, Jr., Dr. J. L. Goodale. Dr. R. F. Chase will report a "Case of Continuous Hypersecretion of the Gastric Juice with Hyperchlorhydria (Reichmann's Disease)." Discussion by Dr. Smithwick and Dr. Hewes.

H. F. HEWES, M.D., Secretary.

OFFICERS OF HARVARD MEDICAL SOCIETY OF NEW YORK CITY.—At the annual meeting of the Harvard Medical Society of New York City held at the Metropolitan Club on Saturday evening, Jan. 24, 1902, the following officers were elected: President, William B. Coley, M.D.; Vice-President, Myron P. Denton, M.D.; Treasurer, Joseph A. Kenefick, M.D.

AWARDING OF PRIZE.

THE NATHAN LEWIS HATFIELD PRIZE FOR ORIGINAL RESEARCH IN MEDICINE.—The College of Physicians of Philadelphia announces that the sum of \$500 will be awarded to the author of the best essay in competition for the above prize.

Subject: "The Relation Between Chronic Suppurative Processes and Forms of Anemia."

Essays must be submitted on or before March 1, 1903. Each essay must be typewritten, designated by a motto or device, and accompanied by a sealed envelope bearing the same motto or device and containing the name and address of the author.

The competition is to be open to members of the medical profession and men of science in the United States.