lus, treats of the methods of diagnosis of diseases; and the fifth of the various ducts of the body and their diseases.

THE HEIGHT AND THE VELOCITY OF THE FLIGHT OF A FLOCK OF GEESE MIGRATING NORTHWARD.

MR. H. H. CLAYTON, writes to *Science* under date of March 22d, that on that morning while Mr. A. E. Sweetland and he were measuring clouds, at the ends of a base line 1178.4 metres in length, extending from the Blue Hill Meteorological Observatory to the base of Blue Hill, they succeeded in measuring, with their cloud theodolites, the height and the velocity of a flock of geese. So rapid was the flight that the flock was visible only about two minutes, but during that time two sets of measurements were taken with the theodolites on the leader of the flock. The calculations gave the height as 905 feet above the Neponset River valley, or 960 feet above sea level, and the velocity of flight as 44.3 miles an hour. The direction of flight was from southwest to northeast.

The wind at the time of the measurement was from the west northwest, with a velocity of eight miles an hour.

On a previous occasion, as described in *Science*, January 1st, p. 26, these observers found a flock of ducks flying from the northeast at a height of 958 feet, with a velocity of 47.8 miles an hour. The close agreement between the two results is suggestive.

Obituary.

JOHN O. DOW, M.D.

At the last meeting of the Middlesex (East) District Medical Society the following resolutions were read and adopted:

MELROSE, April 20, 1897.

The Middlesex East Medical Society places on record the following tribute to the memory of Dr. John O. Dow, of Reading:

From his first advent in this district in 1874, Dr. Dow very soon became known as a practitioner of marked ability and skill. In a short time he entered upon a large and successful practice—a practice which was won entirely by his own reputation and ability, and never by unfair or unfriendly means. Dr. Dow was to every one who knew him, a true friend, not only to his patients but also to his brother practitioners. His peculiarly gentle demeanor in the sick-chamber and at the bedside of his patients won for him a place in their hearts which was never forgotten.

At the meetings of our Society Dr. Dow appeared to the casual observer to be of a quiet, and reticent nature; but this was due to genuine modesty and disinclination to obtrude his opinions, and his immediate associates, who had occasion to consult him often in practice, invariably found his advice of the highest professional value, and given in such a manner as to be not only profitable to the patient, but also to increase his confidence in the attending physician.

To the younger members of the profession the character of Dr. Dow may especially be commended as an example worthy of imitation, both as an upright and honorable citizen, and as a physician of unswerving devotion to one of the noblest of all professions. It is not too much to say that to Dr. Dow pre-eminently belonged the title of "Good Physician."

SAMUEL W. ABBOTT,
CHARLES DUTTON,
ARTHUR H. COWDREY.

METEOROLOGICAL RECORD

For the week ending April 10th, 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.		We'th'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.	
S...4	30.31	44	57	31	63	55	59	W.	S.W.	8	11	C. C.
M...5	29.78	49	59	39	91	96	94	S.W.	S.W.	14	8	O. O.
T...6	29.72	58	58	50	92	82	87	W.	W.	8	8	F. R.
W...7	30.00	48	48	40	70	100	85	N.W.	E.	12	12	C. R.
T...8	30.12	41	41	38	74	88	81	N.	S.E.	8	8	O. O.
F...9	29.76	39	39	36	100	100	100	E.	N.E.	15	15	R. R.
S...10	29.87	42	42	36	98	83	90	N.E.	W.	5	4	O. C.
Mean	30.37	49	39				85					2.62

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

RECORD OF MORTALITY

FOR THE WEEK ENDING SATURDAY, APRIL 10, 1897.

Cities.	Estimated popu- lation.	Reported deaths in each.	Deaths under five years.	Percentage of deaths from					
				Infectious diseases.	Acute lung diseases.	Diarrheal diseases.	Diphtheria and croup.	Scarlet fever.	
New York	1,892,332	728	257	10.92	21.14	1.26	4.90	1.68	
Chicago	1,619,226	436	165	13.34	17.25	5.52	5.25	2.07	
Philadelphia	1,164,000	486	161	11.55	15.12	.84	2.52	1.89	
Brooklyn	1,100,000	433	111	7.59	16.79	.92	4.60	.46	
St. Louis	560,000	207	39	4.32	20.16	.48	3.84	—	
Boston	494,205	260	99	11.31	17.55	—	3.51	2.34	
Baltimore	496,315	158	60	8.82	17.38	2.52	3.78	.63	
Cincinnati	336,000	99	—	4.04	14.14	—	3.03	—	
Cleveland	314,537	87	37	10.11	13.09	1.19	4.76	—	
Washington	275,500	107	25	2.79	16.81	—	—	—	
Pittsburg	238,617	75	33	9.31	17.20	—	2.66	—	
Milwaukee	275,000	—	—	—	—	—	—	—	
Nashville	87,754	23	4	—	13.05	—	—	—	
Charleston	65,165	—	—	—	—	—	—	—	
Portland	40,000	—	—	—	—	—	—	—	
Worcester	98,687	27	10	7.40	7.40	—	7.40	—	
Fall River	88,020	32	17	15.65	40.69	6.26	6.26	—	
Lowell	84,359	31	8	6.46	9.69	—	6.46	—	
Cambridge	81,519	31	11	6.46	25.84	3.23	3.23	—	
Lynn	62,355	22	—	—	4.15	—	—	—	
New Bedford	55,254	22	11	8.30	20.75	—	4.15	—	
Springfield	51,534	23	4	—	21.75	—	—	—	
Lawrence	52,153	15	8	—	6.66	—	—	—	
Holyoke	40,149	—	—	—	—	—	—	—	
Salem	34,437	—	—	—	—	—	—	—	
Brookton	33,157	—	—	—	—	—	—	—	
Haverhill	30,185	17	5	17.64	11.76	—	11.76	—	
Malden	29,709	12	1	—	16.66	—	—	—	
Chelsea	31,295	13	4	—	15.38	—	—	—	
Fitchburg	26,394	8	0	12.50	12.50	—	12.50	—	
Newton	27,422	11	3	—	9.09	—	—	—	
Gloucester	27,663	—	—	—	—	—	—	—	
Taunton	27,093	17	6	—	5.88	—	—	—	
Waltham	20,877	3	0	—	6.66	—	—	—	
Quincy	20,712	10	3	—	10.00	—	—	—	
Pittsfield	20,447	—	—	—	—	—	—	—	
Everett	18,578	9	3	22.22	—	11.11	—	—	
Northampton	16,738	—	—	—	—	—	—	—	
Newburyport	14,554	6	3	—	33.33	—	—	—	
Amesbury	10,920	—	—	—	—	—	—	—	

Deaths reported 3,523; under five years of age 1,102; principal infectious diseases (small-pox, measles, diphtheria and croup, whooping cough, erysipelas, diarrheal diseases and fever) 330, acute lung diseases 616, consumption 380, diphtheria and croup 141, diarrheal diseases 52, scarlet fever 34, whooping-cough 32, typhoid fever 32, measles 19, cerebro-spinal meningitis 16, erysipelas 4.

From whooping-cough Philadelphia 10, New York 7, Chicago 6, Brooklyn 4, Baltimore 2, Boston, Washington and Everett 1 each. From typhoid fever Chicago 8, Philadelphia 7, Boston, Cleveland and Pittsburg 4 each, New York 3, Brooklyn and Fall River 1 each. From measles New York 6, Chicago 5, Brooklyn and Boston 2 each, Baltimore, Cincinnati, Pittsburg and New Bedford 1 each. From cerebro-spinal meningitis Boston 6, New York 4, Somerville 3, Washington, Lawrence and Nashville 1 each.