U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

REPORT

LIBRARY

N.O.A.A.
U S Dept of Commerce

OF THE

CHIEF OF THE WEATHER BUREAU.

17942

QC
983
.U49
1894
c.2

1894.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1895.

LIBRARY
DEC 23 1895
WEATHER BUREAU.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

Blank page retained for pagination

CONTENTS.

	Page.
ADVERTISEMENT	5
PART I	7
List of observing stations	9
Table 1.—Latitude, longitude, elevation, etc., of Weather Bureau stations	9
Table 2.—Changes in Weather Bureau stations	13
Instruments	14
Instrumental corrections, etc	16
PART II.—Hourly averages of atmospheric pressure, temperature, and wind for 28 selected stations	17
Explanation of the tables	18
Average hourly pressure	20
Average hourly temperature	36
Average hourly wind velocity	52
PART III.—Monthly and annual meteorological summaries for Weather Bureau stations	67
Explanation of the tables	68
PART IV.—Monthly and annual mean temperature, annual extremes of temperature, and dates of first and last killing frost, all stations	147
PART V.—Monthly and annual precipitation, all stations	183
PART VI.—Miscellaneous meteorological tables and reports	223
Pikes Peak.—Detailed observations, 1894	224
Colorado Springs.—Detailed observations, 1894	244
Monthly and annual summaries	262
Snowfall, 1894-95	267
Sunshine	271
Violent storms	283
Deaths by violent winds	285
Deaths by lightning	287

17942

Blank page retained for pagination

REPORT OF THE CHIEF OF THE WEATHER BUREAU.

ADVERTISEMENT.

The present volume of meteorological data, the third published by the Weather Bureau, contains the results of observations made during 1894, and, as a special contribution, a continuation of the detailed records of temperature, pressure, and wind at Pikes Peak and Colorado Springs, Colo., begun in Part VI of the 1893 report.

The detailed twice-daily meteorological observations for the year at all stations of the Bureau have been published on the daily weather maps. It is impracticable to reproduce them here. Other publications of the Bureau, containing the results of meteorological observations, are the Monthly Weather Review and the Weekly Weather-Crop Bulletin.

The following publications have been issued by the Weather Bureau up to and including December 31, 1894:

ANNUAL VOLUMES.

Report of the Chief of the Weather Bureau, 1891–92. Results of meteorological observations in the United States during 1891 and 1892 and other miscellaneous reports and tables.

Report of the Chief of the Weather Bureau, 1893. Results of meteorological observations in the United States during 1893, and other miscellaneous reports and tables.

BULLETINS OF THE WEATHER BUREAU.

No. 1.—Notes on the climate and meteorology of Death Valley, California, by Mark W. Harrington, Chief of the Weather Bureau. June, 1892. (Octavo) 50 pp.

No. 2.—Notes on a new method for the discussion of magnetic observations, by Frank H. Bigelow, Professor of Meteorology. July, 1892. (Octavo) 41 pp.

No. 3.—A report on the relations of soil to climate, by E. W. Hilgard, Professor of Agriculture and Agricultural Chemistry, University of California. July, 1892. (Octavo) 59 pp.

No. 4.—Some physical properties of soils in their relation to moisture and crop distribution, by Milton Whitney, Professor of Geology and Soil Physics, Maryland Agricultural College; Physicist, Maryland Agricultural Experiment Station; Fellow by Courtesy, Johns Hopkins University. August, 1892. (Octavo) 90 pp.

No. 5.—Observations and experiments on the fluctuations in the level and rate of movement of ground-water on the Wisconsin Agricultural Experiment Station farm and at Whitewater, Wis., by Franklin H. King, Professor of Agricultural Physics, University of Wisconsin; Physicist, Wisconsin Agricultural Experiment Station. December, 1892. (Octavo) 75 pp.

No. 6.—The diurnal variation of barometric pressure, by Frank N. Cole, Ph. D., Assistant Professor of Mathematics, University of Michigan. December, 1892. (Octavo) 32 pp.

No. 7.—Report of the first annual meeting of the American Association of State Weather Services. [Cooperating with the Weather Bureau, U. S. Department of Agriculture.] February, 1893. (Octavo) 49 pp.

No. 8.—Report on the climatology of the cotton plant, by P. H. Mell, Ph. D., Professor of Geology and Botany in Alabama Polytechnic Institute; Director Alabama Weather Service. April, 1893. (Octavo) 68 pp.

No. 9.—Report on the forecasting of thunderstorms during the summer of 1892, by N. B. Conger, Inspector, Weather Bureau. May, 1893. (Octavo) 54 pp.

No. 10.—The climate of Chicago, by Henry A. Hazen, Professor of Meteorology.

No. 11.—Report of the International Meteorological Congress held at Chicago, Ill., August 21-24, 1893.

No. 12.—Report on the condensation of atmospheric moisture, by Carl Barus, Professor of Meteorology. October, 1894. (Octavo) 104 pp.

No. 13.—Temperatures injurious to food products in storage and during transportation, etc., by H. E. Williams. November, 1894. (Octavo) 20 pp.

No. 14.—Report of the third annual meeting of the American Association of State Weather Services. November, 1894. (Octavo) 31 pp.

A. Summary of international meteorological observations, by H. H. C. Dunwoody, Major, Signal Corps, U. S. Army, assigned as Assistant Chief of the Weather Bureau.

B. Currents of the Great Lakes, by Mark W. Harrington, Chief of the Weather Bureau.

C. Rainfall and snow of the United States compiled to the end of 1891, with annual, seasonal monthly and other charts, by Mark W. Harrington, Chief of the Weather Bureau. April, 1894. (Quarto) 80 pp. 23 charts.

WILLIS L. MOORE,
Chief of Weather Bureau.

WASHINGTON, D. C., *July 22, 1895.*

PART I.

LIST OF OBSERVING STATIONS.
DESCRIPTION OF INSTRUMENTS.
INSTRUMENTAL CORRECTIONS, ETC.

Blank page retained for pagination

LIST OF OBSERVING STATIONS.

The following table contains the geographical coordinates of the several stations whose summaries are published in Part III, the height of the barometer cistern above mean sea level, and of other instruments above ground, the difference between local and standard time, and the date on which observations began. The standard time used by the Weather Bureau in all of its synchronous work is that of the seventy-fifth meridian (Eastern time), which standard is always understood unless otherwise expressed.

The elevations given are for January 1, 1894, except at stations established subsequent to that date. (See Table II.) Elevations preceded by the letter "B" have been determined by the barometer; all others are the results of precise levels. Changes made during 1894 are given in the second or third set of figures, as the case may be.

The significance of the bold-face letter or letters following the name of station is as follows:

P=continuous records of pressure (on December 31, 1894);

T=continuous records of temperature (on December 31, 1894);

W=continuous records of wind (direction and velocity) (on December 31, 1894);

V=continuous records of wind (velocity only) (on December 31, 1894);

R=continuous records of rainfall (on December 31, 1894);

S=continuous records of sunshine (on December 31, 1894);

Stations having no letter make an observation of temperature, precipitation, direction of the wind, and the state of the weather daily at 8 p. m.

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS.

Stations.	Latitude.		Longitude.		Local meridian time faster or slower than 75th meridian.	Elevation December 31, 1894.				Observations began.	Date of changes in elevation.
						Barometer above sea.	Thermometer above ground.	Rain gauge above ground.	Anemometer above ground.		
	°	′	°	′	h. m.	Feet.	Feet.	Feet.	Feet.		
Abilene, **P T W**	32	23	99	40	1 39 S.	1,748	64	53	70	Sept. 14, 1885	
						1,749	47	36	54	.....	Jan. 1, 1894.
Albany, **P T W**	42	39	73	45	05 F.	85	84	99	113	Dec. 22, 1873	
Alpena, **P T W**	45	05	83	30	34 S.	609	61	54	71	Sept. 10, 1872	
									65	.....	June 28, 1894.
Amarillo, **T V**	35	13	101	50	1 47 S.	3,691	53	46	61	Jan. 1, 1892	
Astoria	46	57	124	00	3 15 S.	41	39	56	60	Nov. 1, 1883	
Atlanta, **P T W R**	33	45	84	23	37 S.	1,151	92	85	126	Sept. 25, 1878	
Atlantic City, **V**	39	22	74	25	03 F.	53	68	57	76	Dec. 10, 1873	
Augusta, **P T W**	33	28	81	54	27 S.	209	89	54	103	Nov. 2, 1870	
Baker City, **T V**	44	50	117	50	2 51 S.	3,430	49	38	53	July 9, 1889	
Baltimore, **P T W R S**	39	18	76	37	06 S.	179	87	80	100	Jan. 1, 1871	
Bismarck, **P T W R**	46	47	100	38	1 42 S.	1,698	59	52	69	Sept. 15, 1874	
						1,681	16	3	29	.....	June 1, 1894.
Block Island, **V**	41	10	71	36	14 F.	27	39	3	48	Sept. 1, 1880	
Boston, **P T W R S**	42	21	71	04	16 F.	125	115	154	181	Nov. 1, 1870	
Buffalo, **P T W R S**	42	53	78	53	15 S.	690	103	93	108	.....do	
Cairo, **V**	37	00	89	10	56 S.	359	87	78	93	June 1, 1871	
Canby, Fort, **V**	46	16	124	04	3 16 S.	179	10	2	34	Sept. 1, 1883	

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.		Longitude.		Local meridian time faster or slower than 75th meridian.	Elevation December 31, 1894. Barometer above sea.	Thermometer above ground.	Rain gauge above ground.	Anemometer above ground.	Observations began.	Date of changes in elevation.
	°	′	°	′	h. m.	Feet.	Feet.	Feet.	Feet.		
Cape Henry, V	36	56	76	00	04 S.	20	5	6	34	Dec. 15, 1873	
Carson City, V	39	10	119	46	2 59 S.	4,720	47	42	.....	Dec. 1, 1887	
Charleston, P T V	32	47	79	56	20 S.	52	60	55	72	Jan. 5, 1871	
Charlotte, T V	35	13	80	51	23 S.	773	68	60	76	Oct. 6, 1878	
Chattanooga, V	35	04	85	15	41 S.	762	106	97	112	Sept. 12, 1875	
Cheyenne, T V	41	08	104	48	1 59 S.	6,105	58	50	60	Nov. 1, 1870	
Chicago, P T W R S	41	53	87	37	50 S.	824	241	238	274	.....do.....	
Cincinnati, P T W R S	39	06	84	30	38 S.	628	153	145	157	.....do.....	
Cleveland, P T W R S	41	30	81	42	27 S.	740	122	109	130	.....do.....	
Colorado Springs, P T W S	38	50	104	49	1 59 S.	6,098	49	42	56	Nov. 12, 1873	Closed Aug., 1876; reopened July 1, 1887; closed Sept. 30, 1894.
Columbia, Mo., V	38	58	92	14	1 09 S.	789	4	2	41	Aug. 21, 1889	
Columbia, S. C	34	00	81	03	24 S.	.....	73	63	.....	June 5, 1887	
Columbus, P T W S	39	58	83	00	32 S.	868 824	126 87	120 81	132 93	July 1, 1878	Nov. 1, 1894.
Concordia, V	39	35	97	41	1 31 S.	1,410	42	34	47	May 1, 1885	
Corpus Christi, V	27	49	97	25	1 30 S.	20	42	34	50	Feb. 1, 1887	
Davenport, P T W	41	30	90	38	1 02 S.	613	100	93	108	May 24, 1871	
Denver, P T W R S	39	45	105	00	2 00 S.	5,287	108	97	121	Nov. 19, 1871	
Des Moines, P T W S	41	35	93	37	1 14 S.	869	84	75	88	July 29, 1877	
Detroit, P T W R S	42	20	83	03	32 S.	724	158	144	161	Nov. 1, 1870	
Dodge City, P T W R S	37	45	100	00	1 40 S.	2,523	44	37	52	Sept. 15, 1874	
Dubuque	42	30	90	44	1 03 S.	651	60	50	60	July 10, 1873	
Duluth, P T W R	46	47	92	06	1 08 S.	656	70	56	72	Nov. 1, 1870	
Eastport, P T W R S	44	54	66	59	32 F.	76	69	63	74	Apr. 1, 1873	
El Paso, P T W	31	47	106	30	2 06 S.	3,796 3,813	69 10	62 2	80 110	Apr. 1, 1878	Aug. 8, 1894.
Erie, V	42	07	80	05	20 S.	714	92	82	102	May 25, 1873	
Escanaba	45	48	87	05	48 S.	.....	15	2	.....	May 24, 1871	Closed June 30, 1894.
Eureka, V	40	48	124	11	3 17 S.	64	60	52	69	Jan. 1, 1887	
Fort Smith, V T	35	22	94	24	1 17 S.	492	73	65	81	Apr. 13, 1879	
Fresno, V	36	43	119	49	2 59 S.	338	78	66	77	Aug. 18, 1887	
Galveston, P T W R S	29	18	94	50	1 19 S.	42	85	80	96	Apr. 19, 1871	
Grand Haven, P T W	43	05	86	13	45 S.	628	55	48	64	May 24, 1871	
Green Bay, V	44	31	88	00	52 S.	617	49	41	57	Sept. 1, 1886	
Hannibal, V	39	41	91	20	1 05 S.	534	75	68	107	Apr. 16, 1892	
Harrisburg, V	40	16	76	52	07 S.	377	94	87	102	July 1, 1888	
Hatteras, V	35	15	75	40	02 S.	11	17	2	36	Dec. 1, 1880	
Havre, P T W	48	34	109	40	2 19 S.	2,477	15	2	33	May 16, 1892	
Helena, P T W S	46	34	112	04	2 28 S.	4,118 4,108	85 88	75 80	91 93	Apr. 1, 1880	Apr. 1, 1894.
Huron, P T W	44	21	98	14	1 32 S.	1,310	63	56	72	July 1, 1881	
Idaho Falls, V	43	29	112	04	2 28 S.	4,742	10	1	45	June 1, 1892	
Independence, P T W	36	48	118	12	2 53 S.	3,899	51	3	58	Dec 1, 1894	
Indianapolis, P T W R	39	46	86	10	44 S.	766	75	72	87	Feb. 10, 1871	
Jacksonville, P T W R	30	20	81	39	26 S.	43	69	59	84	Sept. 11, 1871	
Jupiter, V R	26	57	80	07	20 S.	28	13	1	30	Jan. 1, 1888	
Kansas City, P T W R S	39	05	94	37	1 18 S.	963	78	81	95	Apr. 21, 1873	
Kearney, V	40	41	99	05	1 36 S.	2,206	87	82	90	Mar. 18, 1892	Closed Mar. 31, 1894.
Keeler, P T W	36	35	117	50	2 51 S.	3,622	7	2	30	Mar. 1, 1885	Do.
Keokuk, V	40	22	91	26	1 06 S.	613	64	56	78	July 16, 1871	
Key West, P T W R S	24	34	81	49	27 S.	22	42	44	50	Nov. 1, 1870	
Kitty Hawk, V	36	00	75	42	03 S.	9	12	21 2	30	Jan. 15, 1875	Sept. 1, 1894.
Knoxville, P T W	35	56	83	58	36 S.	980	80	71	88	Jan. 20, 1871	
La Crosse, V	43	49	91	15	1 05 S.	720	70	61	78	Oct. 15, 1872	
Lander, T V	42	50	108	45	2 15 S.	5,377	16 12	16	34	Aug. 1, 1891	Dec. 12, 1894.
Lexington, V	38	02	84	33	38 S.	989	75	2	122	Oct. 1, 1872	Closed Sept. 30, 1893, as a paid station.

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.		Longitude.		Local meridian time faster or slower than 75th meridian.	Elevation December 31, 1894. Barometer above sea.	Thermometer above ground.	Rain gauge above ground.	Anemometer above ground.	Observations began.	Date of changes in elevation.
	°	′	°	′	h. m.	Feet.	Feet.	Feet.	Feet.		
Little Rock, P T W R S	34	45	92	06	1 08 S.	302	72 71	62	79	Apr. 21, 1873	Oct. 12, 1894.
Los Angeles, V	34	03	118	15	2 53 S.	330	74	66	76	July 1, 1877	
Louisville, P T W R S	38	15	85	45	43 S.	525	114	106	136	Sept. 11, 1871	
Lynchburg, P T W	37	25	79	09	16 S.	685	82 83	76	88	May 24, 1871	May 30, 1894.
Marquette, P T W R	46	34	87	24	49 S.	734	67	58	95	May 11, 1871	
Memphis, P T W R S	35	09	90	03	1 00 S.	330	108	100	116	Feb. 28, 1871	
Meridian, V	32	21	88	40	55 S.	358	68	58	72	Sept. 1, 1889	
Miles City, V	46	25	105	49	2 03 S.	2,374	40	34	53	Oct. 1, 1891	
Milwaukee, P T W R	43	02	87	54	51 S.	673	106	100	149	Nov. 1, 1870	
Minneapolis, V	44	59	93	18	1 13 S.	.....	99	95	192	Nov. 6, 1890	
Mobile, V	30	41	88	02	52 S.	57	87	78	96	Nov. 7, 1870	
Montgomery, T V	32	23	86	18	45 S.	257	99	92	110	Nov. 9, 1870	
Moorhead, P T W	46	52	96	44	1 27 S.	935	54	44	60	Jan. 31, 1881	
Nantucket, P T W R	41	17	70	06	20 F.	14	43	38	54	Oct. 18, 1886	
Narragansett Pier	41	19	71	17	15 F.	22	10	1	38	Apr. 1, 1882	
Nashville, P T W R	36	10	86	47	47 S.	553 545	98 128	85 116	107 134	Nov. 1, 1870	Sept. 1, 1894.
Neah Bay	48	23	124	36	3 18 S.	.....	8	0	.....	Dec. 1, 1883	
New Brunswick	40	30	74	27	02 F.	.....	4	1	.....	Oct. 1, 1890	
New Haven, P T W S	41	18	72	56	08 F.	107	118	110	126 140	Dec. 10, 1872	Oct. 11, 1894.
New London, V	41	21	72	05	12 F.	45	50	42 2	54	Jan. 10, 1871	Sept. 1, 1894.
New Orleans, P T W R S	29	58	90	04	1 00 S.	54	112	111	120	Nov. 1, 1870	
New York, P T W R S	40	43	74	00	04 F.	185	183	155	200	.....do.....	
Norfolk, P T W R S	36	51	76	17	05 S.	57	88	80	93	Jan. 1, 1871	
Northfield, V	44	10	72	41	09 F.	872	15	2	59	Mar. 1, 1887	
North Platte, T V	41	08	100	45	1 43 S.	2,841	43	35	52	Sept. 18, 1874	
Oklahoma City, V	35	26	97	33	1 30 S.	1,239	54	45	53	Nov. 1, 1890	
Olympia	47	03	122	53	3 11 S.	52	56	51	67	July 1, 1877	
Omaha, P T W R	41	16	95	56	1 24 S.	1,123	92	86	97	Nov. 1, 1870	
Oswego, V	43	29	76	35	06 S.	335	76	83	87	.....do.....	
Palestine, V	31	45	95	40	1 22 S.	511 510	42 54	43 54	51 61	Dec. 3, 1881	Oct. 26, 1894.
Parkersburg, P T V	39	16	81	36	26 S.	638	77	69	84	July 1, 1888	
Pensacola, V	30	25	87	13	49 S.	56	78	79	90	Oct. 27, 1879	
Philadelphia, P T W R S	39	57	75	09	0	117	168	166	184	Jan. 1, 1871	
Pierre, V	44	24	100	17	1 41 S.	1,470	50	47	61	July 1, 1891	
Pikes Peak, P T W	38	50	105	02	2 01 S.	14,134	9	3	25	Nov. 1, 1873	Clos'd Sept. 30, 1888; reopened Sept. 8, 1892; clos'd Sept. 30, 1894.
Pittsburg, P T W R	40	32	80	02	20 S.	820 842	115 116	101	123	Nov. 1, 1870	Dec. 26, 1894.
Point Reyes Light, V	38	11	122	51	3 11 S.	.....	12	1	16	Mar. 1, 1889	
Port Angeles, V	48	07	123	06	3 14 S.	29	47	35	59	Nov. 1, 1883	
Port Huron, V	43	00	82	26	30 S.	639	70	63	108	July 25, 1874	
Portland, Me., W R S	43	39	70	15	19 F.	103	81	75	89	Jan. 15, 1871	
Portland, Oreg., P T W R S	45	32	122	43	3 11 S.	157	200 203	196	209 213	Nov. 1, 1870	July 3, 1894.
Pueblo, V	38	18	104	36	1 58 S.	4,734	74	65	81	July 1, 1888	
Pysht	48	12	124	04	.....	.....	5	4	.....	Dec. 1, 1883	
Raleigh, V	35	45	78	37	14 S.	388	70	2	80	Apr. 1, 1884	
Rapid City, T V	44	04	103	12	1 53 S.	3,280	53	46	61	Jan. 24, 1881	
Red Bluff, T V	40	10	122	15	3 09 S.	342	54	44	58	July 1, 1877	
Rochester, P T W R S	43	08	77	42	11 S.	523	81	78	90	Nov. 1, 1870	
Roseburg, P T W	43	13	123	20	3 13 S.	523	56	48	67	July 15, 1877	
Sacramento, V	38	35	121	30	3 06 S.	64 71	61 106	57 100	70 117	July 1, 1877	May 1, 1894.
St. Louis, P T W R S	38	38	90	12	1 01 S.	571	110	100	210	Nov. 1, 1870	
St. Paul, P T W R	44	58	93	03	1 12 S.	850	114	108 93	124	.....do.....	Jan. 13, 1894.
St. Vincent, V	48	56	97	14	1 29 S.	804	16	4	31	Sept. 5, 1880	

TABLE I.—LATITUDE, LONGITUDE, ELEVATION, ETC., OF WEATHER BUREAU STATIONS—Continued.

Stations.	Latitude.		Longitude.		Local meridian time faster or slower than 75th meridian.	Elevation December 31, 1894.				Observations began.	Date of changes in elevation.
						Barometer above sea.	Thermometer above ground.	Rain gauge above ground.	Anemometer above ground.		
	°	′	°	′	h. m.	Feet.	Feet.	Feet.	Feet.		
Salt Lake, **P T W R S**	40	46	111	54	2 27 S.	4,345	83	75	90	Mar. 19, 1874	
San Antonio, **V**	29	27	98	28	1 34 S.	679	66	60	75	Jan. 2, 1876	
San Diego, **P T W R S**	32	43	117	10	2 49 S.	93	73	66	85	Nov. 1, 1871	
Sandusky, **V**	41	25	82	40	30 S.	629	62	55	74	Aug. 2, 1877	
San Francisco, **P T W R S**	37	48	122	26	3 10 S.	153	161	154	167	Feb. 2, 1871	
San Luis Obispo, **V**	35	18	120	39	3 03 S.	234	50	42	54	June 1, 1885	Closed Apr. 19, 1886; reopen'd Aug. 1, 1894.
Santa Fe, **P T W S**	35	41	105	57	2 04 S.	7,051 *a* 6,998	47	39	50	Nov. 20, 1871	
Sault Ste. Marie, **P T W**	46	28	84	22	37 S.	642	56	48	65	Aug. 5, 1877	
Savannah, **P T W R S**	32	05	81	05	24 S.	98	63	55	86	Jan. 1, 1871	
Seattle, **P T W R S**	47	38	122	20	3 09 S.	119	100	94	108	May 1, 1893	
Shreveport, **T V**	32	30	93	40	1 14 S.	249	77	76	84	Sept. 3, 1871	
Sioux City, **V**	42	29	96	24	1 26 S.	1,165	96	92	109	Dec. 1, 1887	
Southport, **V**	33	35	78	01	12 S.	34	11	3	46	Sept. 27, 1875	Closed Sept. 27, 1894.
Spokane, **P T W S**	47	40	117	25	2 49 S.	1,930	99	90	107	Feb. 1, 1881	
Springfield, Ill., **V**	39	48	89	39	58 S.	644	82	60	85 92	July 1, 1879	June 2, 1894.
Springfield, Mo., **V**	37	12	93	18	1 13 S.	1,356 1,336	77 100	74 3	90 103	June 3, 1882	June 13, 1894.
Tampa, **V**	27	57	82	27	30 S.	36	60	52	68	Mar. 13, 1890	
Tatoosh Island, **V**	48	23	124	44	3 19 S.	86	12	1	33 21	Oct. 1, 1883	Dec. 16, 1894.
Titusville, **T V**	28	34	80	51	23 S.	44	15	1	70	June 10, 1887	
Toledo, **P T W**	41	40	83	34	34 S.	674	122	113	127	Nov. 1, 1870	
Topeka	39	03	95	41	1 23 S.	998	81	73	89	June 1, 1887	
Tucson, **T V S**	32	14	110	53	2 24 S.	2,432 2,390	15 11	4	45 42	Oct. 30, 1875	June 21, 1894.
Valentine, **V**	42	50	100	32	1 42 S.	2,613	37	26	38	Sept. 1, 1885	
Vicksburg, **P T W R S**	32	22	90	53	1 03 S.	254	65	58	73	Sept. 10, 1871	
Vineyard Haven, **V**	41	26	70	43	17 F.	.....	20	3	55	Nov. 6, 1886	
Walla Walla, **V**	46	02	118	20	2 53 S.	1,018	65	56	73	Dec. 1, 1885	
Washington City, **P T W R S.**	38	54	77	03	08 S.	112	59	42	67 76	Nov. 1, 1870	Oct. 16, 1894.
Wichita, **V**	37	41	97	20	1 29 S.	1,366	78	71	85	July 1, 1888	
Williston, **T V**	48	09	103	35	1 54 S.	1,874 1,875	15	3 22	28 31	Nov. 24, 1893	Oct. 1, 1894.
Wilmington, **P T W R S**	34	14	77	57	12 S.	78	82	76	88	Jan. 1, 1871	
Winnemucca, **T V**	40	58	117	43	2 51 S.	4,340	59	52	70	July 1, 1877	
Woods Holl, **V**	41	33	70	40	17 F.	22	51	39	57	Jan. 1, 1873	
Yankton, **V**	42	54	97	28	1 30 S.	1,232	51	43	57	Apr. 1, 1873	
Yuma, **P T W**	32	45	114	36	2 38 S.	141	16	2	50	Oct. 4, 1875	

a Redetermined.

TABLE II.—CHANGES IN WEATHER BUREAU STATIONS DURING 1894.

ESTABLISHED.

Stations.	Latitude.		Longitude.		Date of establishment.	Remarks.
	°	′	°	′		
Evansville, Ind. *a*	38	02	87	29	June 1, 1894	Changed from special river.
Independence, Cal	36	48	118	12	Oct. 1, 1894	
Lansing, Mich. *a*	42	44	84	32	Dec. —, 1894	
Lincoln, Nebr. *b*	40	50	96	45	.....do	State weather service center.
Olympia, Wash. *a*	47	03	122	53	May 1, 1894	
San Luis Obispo, Cal	35	18	120	39	Aug. 1, 1894	
SPECIAL RIVER.						
Chester, Ill	37	56	89	50	Mar. 1, 1894	
Grafton, Ill	39	00	90	30	.....do	
Northport, Wash	48	56	117	42	Dec. 23, 1894	Date of erection of gauge.
Weiser, Idaho	44	15	117	00	Dec. 20, 1894	Do.
SPECIAL RAINFALL.						
Moncure, N. C	35	39	79	00	Apr. 1, 1894	
COTTON REGION.						
San Marcos, Tex	29	55	97	55	June —, 1894	First report, June, 1894.

a Takes one observation daily. *b* No observations taken.

DISCONTINUED.

Stations.	Latitude.		Longitude.		Date of discontinuance.	Remarks.
	°	′	°	′		
Colorado Springs, Colo	38	50	104	49	Oct. 1, 1894	
Escanaba, Mich	45	48	87	05	June 30, 1894	
Kearney, Nebr	40	41	99	05	Mar. 31, 1894	
Keeler, Cal	36	35	117	50	.....do	
Pikes Peak, Colo	38	50	105	02	Oct. 1, 1894	
Southport, N. C	33	35	78	01	Sept. 27, 1894	
SPECIAL RIVER.						
Cape Girardeau, Mo	37	20	89	34	Feb. 28, 1894	
Eagle Pass, Tex	28	40	100	29	Jan. 31, 1894	
Girard, La	32	21	91	44	Oct. 1, 1894	
Laredo, Tex	27	33	99	27	Jan. 31, 1894	
Quincy, Ill	39	55	91	25	Feb. 28, 1894	
Rio Grande City, Tex	26	28	98	48	Jan. 31, 1894	
Riverton, Va	38	57	78	11	May 31, 1894	
SPECIAL RAINFALL.						
Aberdeen, Miss	33	48	88	31	May 15, 1894	
Clemson College, S. C	34	42	82	41	May 31, 1894	
Corinth, Miss	34	57	88	31	Jan. 25, 1894	
Coronaco, S. C	34	18	82	06	May 15, 1894	
Cumberland, Md	39	39	78	45	May 31, 1894	
Gaffney City, S. C	35	04	81	45	May 15, 1894	
Gettysburg, Pa	39	49	77	15	May 31, 1894	
Greenville, S. C	34	51	82	24	May 15, 1894	
Lake, Miss	32	20	89	17	Jan. 20, 1894	
Lillington, N. C	35	26	78	50	Mar. 31, 1894	
Lynn, Ala	34	06	87	29	Jan. 28, 1894	
Macon, Miss	33	06	88	42	May 15, 1894	
Okolona, Miss	34	00	88	42	.....do	
Salisbury, N. C	35	40	80	30	.....do	
Talladega, Ala	33	28	86	04	Apr. 10, 1894	
Tuscumbia, Ala	34	42	87	38	Jan. 20, 1894	
Woodstock, Va	38	51	78	31	May 31, 1894	

DESCRIPTION OF INSTRUMENTS.

By Prof. C. F. MARVIN.

The instrumental equipment of the principal stations of the Weather Bureau is set forth in the accompanying lists.

AUTOMATIC INSTRUMENTS AT THE PRINCIPAL STATIONS:

One double or triple register, recording wind and rain, and in some cases sunshine (Weather Bureau pattern).
One set electrical contacts, and box, for anemoscope.
One sunshine recorder, photographic (Jordan—Weather Bureau pattern).
One sunshine recorder, thermometric (Marvin's).
One electrically recording rain gauge (Marvin's pattern, 1888).
One electrically recording weighing rain and snow gauge (Marvin's pattern, 1892).
One aneroid barograph (Richard Bros.).
One thermograph (Richard Bros.).
One thermograph recording electrically at a distance (Richard Bros.).

Each so-called principal station is also furnished with the entire equipment specified in the list following:

EQUIPMENT OF INSTRUMENTS AND ACCESSORIES AT LESS IMPORTANT STATIONS:

Two anemometers, Robinson pattern, 4-inch cups, arms 6.72 inches.
One anemometer register, single.
Two mercurial barometers (Fortin ¾-inch tube).
One glass barometer case.
One set maximum and minimum thermometers, with mountings.
One extra set maximum and minimum thermometers.
Two sets wet and dry bulb mercurial thermometers.
One whirling apparatus for wet and dry bulb thermometers.
One standard instrument shelter, about 3 feet cube, with supports.
One standard anemoscope, tail 3 feet by 10 inches.
One iron anemoscope support, with antifriction mountings, etc.
One iron anemometer support, or parts to combine with support for anemoscope.
One 8-inch brass rain gauge, with support and measuring sticks.
One 8-inch galvanized iron snow gauge, with support. Batteries, wire, etc.

In the case of the equipment of stations of the last-named class no variation or departure from the above list of instruments occurs, but owing to limited supplies and other circumstances the principal stations do not in every case have all the additional instruments cited. Thus, only a portion are supplied with sunshine recorders and the electrically recording rain gauge, and only seven electrically recording thermographs are in use. On the other hand, about twenty stations of the second class have either thermograph or barograph, or both, in use. Again, the station at Washington has a still more complete equipment than outlying stations, and the instruments in many respects are of much superior pattern.

For a description of the instruments above named, except the thermometric sunshine recorder, the reader is referred to pages 19 to 36, Report of the Chief of the Weather Bureau, 1891-92.

The thermometric sunshine recorder operates on the principle of a differential air thermometer and the record is made electrically, the instrument being adjusted as nearly as possible to record when the sunshine is sufficiently intense to cast a perceptible shadow. A full description of the instrument and illustration are given in the Annual Report of the Chief of the Weather Bureau, 1893, pages 18 and 19.

The exposures, installation, and the means employed to secure uniformly accurate indications of the Weather Bureau instruments, and to eliminate accidental errors, have been substantially the same as already described and explained in detail in the Annual Report of the Chief of the Weather Bureau, 1891-92, pages 19 to 47.

No radical changes have been made during the year in respect to the character of any of the regular or automatic instruments, nor have any new types of instruments been introduced. A few experiments, however, have been made upon a modification of the tipping-bucket rain gauge, with a view of obtaining the necessary accuracy of measurement with this form of recorder and adapting it to registration on the sheet of paper containing the record of wind velocity and direction and sunshine. The results have been in the main very satisfactory, and the comparatively small cost of this instrument will probably cause it to come into general use.

INSTRUMENTAL CORRECTIONS, ETC.

No change has been made since the date of last report in the methods of reduction or in the application of numerical corrections to the various instrumental readings from which the data here given have been drawn.

The general explanation given at the head of each table is sufficient, it is believed, to enable one to understand the nature of the statistical data given therein and also to arrive at a close approximation to its accuracy.

For a more minute description of the methods used the reader is referred to pages 37 to 48, Report of the Chief of the Weather Bureau, 1891–92.

PART II.

HOURLY AVERAGES OF ATMOSPHERIC PRESSURE, TEMPERATURE, AND WIND FROM THE RECORDS OF SELF-RECORDING INSTRUMENTS AT TWENTY-EIGHT STATIONS.

EXPLANATION OF THE TABLES.

Pressure.—The barograph in use at the Washington station is described on page 43, Report of the Chief of the Weather Bureau, 1891–92. Richard barographs are in use at the remaining stations.

The readings of the mercurial barometer at 8 a. m. and 8 p. m. are adopted as the standard of reference, and corrections for intermediate hours, interpolated from the known differences at 8 a. m. and 8 p. m., are applied to the curve throughout the twenty-four hours. The averages given in the tables are therefore those of the standard mercurial barometer at 8 a. m. and 8 p. m., seventy-fifth meridian time, respectively, corrected for temperature and instrumental error, and the corrected barograph readings for the remaining hours.

The corrections applied to individual hourly readings vary in magnitude. The average is about 0.02 of an inch, while in extreme cases it may be 0.06 or 0.08 of an inch, depending somewhat upon the skill of the observer in keeping the instrument in adjustment.

The hourly values are read off to the nearest hundredth of an inch, but the averages in the tables are given to thousandths of an inch, in conformity with the plan adopted in the Monthly Weather Review.

A correction for reduction to standard gravity has not been applied, but it is given at the head of each table.

The probable uncertainty in the figures here given, due to errors in reading from the barograph sheets, and any systematic error of the barograph, not wholly eliminated by the comparison at 8 a. m. and 8 p. m., is about 0.02 of an inch.

Temperature.—The mean hourly temperatures given in the tables have been deduced from thermographs described and figured in the Report of the Chief of the Weather Bureau, 1891–92, page 29. These instruments are placed in the standard shelter with other thermometers, and are checked twice daily for time errors, and for agreement with the standard whirled psychrometer.

In transcribing the hourly values the readings of the dry-bulb thermometer of the whirled psychrometer at 8 a. m. and 8 p. m. are adopted as the standard of reference, and these readings are given in the appropriate columns of the tables. Corrections for intermediate hours, interpolated from the known differences at 8 a. m. and 8 p. m., are applied to the curve throughout the twenty-four hours, thus making it conform as closely as practicable to the indications of the standard mercurial thermometer. The averages given in the tables are therefore those of the standard dry thermometer at 8 a. m. and 8 p. m., and the corrected thermograph reading for intermediate hours.

The means of the daily maximum and minimum temperatures have been derived from readings of standard self-registering maximum and minimum thermometers.

In general the magnitude of the corrections applied is about 1° F., although a number of instruments accord with the standard dry thermometer within less than a degree.

As has been noted elsewhere, the greatest differences are those between the daily extremes registered by thermographs and by standard self-registering maximum and minimum thermometers, respectively.

Wind.—The arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891–92, page 19, follow the temperature tables and conclude Part II of this report. No corrections have been applied to reduce the registered velocities to true velocities.

In studying the diurnal variation of wind movement, the following facts should be kept in mind. In graduating the dials of the various sizes of Robinson anemometers, it has been assumed by the makers that the centers of the cups move only one-third as fast as the wind, although numerous experiments have demonstrated that cups and arms of various proportions require different formulæ and tables of reduction even in perfectly steady motion. Professor Marvin has further shown that for ordinary gusty winds, when the anemometer cups rapidly vary their rate of rotation, the moment of inertia of the revolving parts is a most important factor.

The instruments having the least inertia record most truly, and those having large inertia exceed these in proportion as the gusts are stronger, consequently the anemometer records are liable to be too large in the gusty winds of the daytime as compared with the more steady winds of nighttime. No correction for this inertia error has been determined, nor can be, unless we have simultaneous records with two anemometers having different moments of inertia; therefore the apparent diurnal variation of wind velocity includes a slight inertia error which is probably periodic in character between the winds of daytime and nighttime.

While we must regard the gustiness of the ordinary wind, that is, its sudden and momentary fluctuations of velocity, as highly variable, yet in practical anemometry we can not do more than make an average allowance for its effect upon an anemometer.

For the ordinary gusty winds of the free atmosphere Professor Marvin adopts the following equation expressing the relation between the motion of the cups and the velocity of the wind at any moment:

$$\text{Log. } V = 0.509 + 0.9012 \text{ log. } v;$$

where V is velocity of wind in miles per hour and v is the linear velocity (also in miles per hour) of the cup centers. This equation applies strictly to anemometers that have 4-inch hemispherical brass cups on arms 6.72 inches long, whose revolving parts weigh about 590 grams (22 ounces) and have a moment of inertia of about 50,000 C. G. S. units.

This equation has been deduced from comparative observations in the open air of anemometers whose behavior in steady velocities on the whirling machine had been previously studied. The recognition thus given the important effects of inertia enables us to say that by applying this formula, or the following equivalent table, we partly annul the influence of the inertia of brass anemometers used by the Weather Bureau.

The following table gives the corrected velocities corresponding to observed velocities up to 90 miles per hour. The tabular values corresponding to indicated velocities greater than 60 miles per hour are uncertain, as direct experiments were not made at the higher velocity:

WIND VELOCITIES, AS INDICATED BY WEATHER BUREAU ANEMOMETER, CONVERTED TO TRUE VELOCITIES (IN MILES PER HOUR).

Indicated velocity.	0	1	2	3	4	5	6	7	8	9
0	.....	.....	.....	.....	.....	5.1	6.0	6.9	7.8	8.7
10	9.6	10.4	11.3	12.1	12.9	13.8	14.6	15.4	16.2	17.0
20	17.8	18.6	19.4	20.2	21.0	21.8	22.6	23.4	24.2	24.9
30	25.7	26.5	27.3	28.0	28.8	29.6	30.3	31.1	31.8	32.6
40	33.3	34.1	34.8	35.6	36.3	37.1	37.8	38.5	39.3	40.0
50	40.8	41.5	42.2	43.0	43.7	44.4	45.1	45.9	46.6	47.3
60	48.0	48.7	49.4	50.2	50.9	51.6	52.3	53.0	53.8	54.5
70	55.2	55.9	56.6	57.3	58.0	58.7	59.4	60.1	60.8	61.5
80	62.2	62.9	63.6	64.3	65.0	65.8	66.4	67.1	67.8	68.5
90	69.2	.....	.....	.....	.....	.....	.....	.....	.....	.....

The maximum velocity in miles per hour for a five-minute period for each month is given in the column headed "Max. vel."

A summary of wind direction is given on the right of the tables of average velocity. The entries under the several headings "N.," "NE.," etc., represent the number of hours during the month that the wind blew from the points indicated at the top of the columns. In tabulating these data from the original instrumental register sheets but one direction for each hour—that which prevailed the longest—was taken off, although two or more directions may have been registered during the hour.

References: H = Height of barometer above sea level.
h_t = Height of thermometer above ground.
h_a = Height of anemometer cups above ground.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[λ=46° 47′ N.; φ=100° 38′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	28.175	.173	.168	.172	.174	.172	.173	.174	.180	.185	.186	.189	.185
Feb	28.214	.211	.208	.209	.205	.207	.208	.209	.215	.218	.220	.216	.214
Mar	28.119	.113	.113	.107	.100	.099	.100	.107	.112	.117	.115	.109	.105
Apr	28.130	.128	.127	.124	.122	.121	.127	.129	.133	.137	.133	.132	.126
May	28.158	.157	.152	.151	.159	.162	.167	.173	.176	.177	.171	.169	.158
June	28.097	.104	.104	.102	.103	.110	.115	.121	.124	.126	.120	.113	.103
July	28.240	.245	.243	.247	.253	.258	.262	.266	.268	.267	.261	.255	.241
Aug	28.261	.269	.272	.274	.276	.281	.288	.297	.300	.298	.293	.285	.267
Sept	28.121	.121	.122	.122	.129	.132	.138	.148	.153	.154	.152	.150	.134
Oct	28.086	.084	.086	.086	.086	.090	.092	.094	.101	.107	.105	.102	.085
Nov	28.247	.246	.244	.246	.243	.241	.247	.254	.260	.274	.275	.276	.261
Dec	28.219	.213	.214	.217	.219	.216	.218	.221	.228	.238	.244	.243	.229
Year	28.181	.180	.179	.180	.181	.182	.186	.191	.196	.200	.198	.195	.184

BOSTON, MASS.

[λ=42° 21′ N.; φ=71° 4′ W.]

Jan	29.980	.982	.978	.977	.978	.983	.990	.999	.006	.010	.999	.976	.961
Feb	29.983	.982	.975	.974	.976	.983	.992	.998	.993	.989	.980	.961	.941
Mar	29.936	.929	.925	.924	.931	.937	.945	.949	.947	.943	.931	.922	.901
Apr	29.871	.867	.864	.866	.876	.886	.890	.892	.894	.889	.883	.873	.866
May	29.845	.843	.841	.843	.852	.857	.863	.862	.857	.856	.848	.837	.826
June	29.820	.819	.818	.820	.831	.836	.843	.844	.840	.835	.831	.820	.808
July	29.845	.842	.841	.845	.851	.857	.861	.863	.860	.858	.851	.841	.832
Aug	29.872	.869	.870	.873	.881	.888	.892	.893	.892	.891	.881	.872	.864
Sept	29.972	.970	.974	.978	.988	.999	.006	.009	.009	.005	.998	.988	.973
Oct	29.859	.854	.853	.858	.860	.861	.871	.875	.873	.863	.850	.836	.817
Nov	29.889	.892	.886	.890	.892	.900	.912	.923	.922	.917	.904	.890	.881
Dec	29.979	.984	.976	.969	.969	.976	.983	.988	.987	.989	.970	.953	.935
Year	29.904	.903	.900	.901	.907	.914	.921	.925	.923	.920	.910	.897	.884

BUFFALO, N. Y.

[λ=42° 53′ N.; φ=78° 53′ W.]

Jan	29.325	.327	.334	.320	.326	.330	.337	.342	.354	.359	.359	.342	.319
Feb	29.327	.322	.317	.317	.321	.328	.341	.352	.361	.367	.370	.363	.350
Mar	29.289	.286	.280	.278	.284	.290	.300	.305	.311	.310	.306	.297	.281
Apr	29.286	.280	.278	.280	.286	.300	.312	.318	.320	.322	.320	.309	.300
May	29.192	.189	.192	.191	.202	.210	.215	.222	.220	.221	.220	.217	.208
June	29.235	.232	.228	.234	.243	.254	.262	.266	.269	.269	.272	.266	.256
July	29.272	.268	.264	.265	.270	.277	.284	.289	.292	.294	.295	.288	.282
Aug	29.277	.275	.277	.281	.286	.295	.304	.311	.313	.315	.312	.307	.301
Sept	29.330	.324	.323	.324	.331	.340	.346	.348	.350	.348	.342	.336	.327
Oct	29.204	.199	.192	.195	.197	.201	.207	.213	.215	.214	.213	.206	.191
Nov	29.264	.264	.266	.265	.268	.272	.280	.290	.293	.296	.301	.289	.277
Dec	29.326	.325	.330	.325	.319	.319	.323	.330	.335	.344	.340	.327	.312
Year	29.277	.274	.273	.274	.278	.285	.293	.299	.303	.305	.304	.296	.284

CHICAGO, ILL.

[λ=41° 53′ N.; φ=87° 37′ W.]

Jan	29.155	.152	.158	.157	.154	.158	.164	.171	.180	.190	.193	.186	.160
Feb	29.202	.203	.203	.201	.199	.204	.209	.215	.223	.225	.221	.219	.204
Mar	29.111	.109	.103	.100	.098	.106	.117	.125	.127	.132	.130	.121	.114
Apr	29.108	.104	.104	.107	.108	.115	.124	.135	.135	.137	.137	.131	.125
May	29.067	.061	.059	.063	.067	.074	.083	.089	.090	.093	.094	.089	.082
June	29.124	.119	.122	.124	.130	.139	.151	.160	.161	.158	.154	.150	.143
July	29.151	.150	.150	.152	.158	.164	.173	.182	.183	.181	.183	.180	.172
Aug	29.163	.162	.162	.164	.168	.177	.188	.192	.196	.198	.199	.196	.188
Sept	29.152	.148	.151	.155	.155	.162	.176	.183	.190	.193	.193	.192	.181
Oct	29.054	.052	.050	.049	.053	.056	.057	.064	.068	.068	.069	.065	.052
Nov	29.169	.165	.172	.166	.161	.163	.164	.170	.177	.184	.185	.179	.160
Dec	29.189	.186	.193	.189	.183	.182	.188	.193	.198	.205	.213	.205	.185
Year	29.137	.134	.136	.136	.136	.142	.150	.157	.161	.164	.164	.159	.147

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[H = 1,698 ft., 1,681 ft. *a*; gravity correction, 0; local time, 1h 42m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.164	.151	.148	.155	.165	.173	.181	.183	.184	.187	.189	.175	.313	.039	Jan.
.203	.187	.176	.178	.183	.186	.195	.196	.199	.200	.197	.202	.338	.068	Feb.
.101	.095	.092	.095	.103	.110	.119	.126	.132	.135	.134	.111	.240	.995	Mar.
.115	.110	.104	.098	.094	.100	.105	.112	.124	.130	.132	.121	.230	.014	Apr.
.150	.142	.136	.132	.131	.126	.126	.133	.145	.154	.160	.153	.256	.055	May.
.093	.081	.072	.066	.058	.052	.052	.058	.070	.083	.087	.092	.185	.000	June.
.232	.225	.214	.206	.201	.198	.196	.203	.214	.226	.236	.236	.312	.158	July.
.252	.237	.224	.214	.206	.197	.198	.208	.224	.233	.238	.254	.333	.166	Aug.
.118	.104	.097	.093	.089	.090	.096	.109	.120	.127	.132	.123	.248	.999	Sept.
.066	.056	.050	.048	.057	.062	.073	.075	.081	.082	.083	.081	.224	.937	Oct.
.246	.234	.228	.232	.241	.246	.249	.250	.255	.257	.258	.250	.447	.046	Nov.
.211	.201	.194	.197	.206	.214	.219	.222	.221	.220	.220	.218	.349	.060	Dec.
.171	.160	.153	.151	.153	.154	.159	.165	.172	.178	.180	.176	.298	.053	Year.

a June 1, 1894. A correction of +.020 should be added to the values January to May, inclusive.

BOSTON, MASS.

[H = 125 ft.; gravity correction, —.01; local time, 16m fast.]

.961	.968	.977	.984	.989	.995	.994	.992	.990	.984	.974	.984	.142	.785	Jan.
.936	.940	.948	.963	.974	.983	.987	.990	.990	.988	.991	.976	.152	.796	Feb.
.893	.885	.884	.891	.898	.908	.915	.921	.921	.923	.920	.920	.058	.779	Mar.
.859	.852	.852	.857	.860	.875	.887	.891	.891	.890	.889	.876	.962	.797	Apr.
.817	.808	.807	.808	.810	.818	.827	.838	.837	.838	.835	.836	.930	.738	May.
.802	.796	.791	.792	.798	.806	.817	.829	.834	.836	.836	.821	.886	.759	June.
.828	.819	.815	.814	.819	.831	.840	.851	.850	.851	.847	.842	.905	.781	July.
.857	.851	.848	.847	.851	.860	.868	.876	.876	.877	.876	.872	.933	.813	Aug.
.963	.956	.955	.955	.956	.964	.969	.973	.974	.973	.972	.978	.060	.895	Sept.
.812	.810	.809	.818	.830	.838	.842	.851	.855	.853	.854	.846	.964	.724	Oct.
.878	.884	.888	.897	.904	.910	.909	.913	.913	.913	.911	.901	.054	.746	Nov.
.935	.939	.945	.955	.961	.968	.969	.975	.976	.978	.972	.968	.083	.842	Dec.
.878	.876	.877	.882	.888	.896	.902	.908	.909	.909	.906	.902	.011	.788	Year.

BUFFALO, N. Y.

[H = 690 ft.; gravity correction, 0; local time, 15m slow.]

.311	.314	.319	.325	.330	.338	.338	.336	.336	.336	.329	.333	.472	.171	Jan.
.338	.335	.333	.339	.342	.344	.343	.341	.339	.336	.333	.340	.487	.175	Feb.
.270	.263	.257	.257	.261	.271	.278	.280	.281	.280	.275	.283	.404	.149	Mar.
.293	.288	.286	.290	.291	.299	.306	.310	.311	.311	.308	.300	.384	.207	Apr.
.203	.195	.188	.185	.186	.185	.187	.191	.189	.187	.182	.199	.275	.099	May.
.247	.241	.237	.231	.230	.235	.239	.251	.253	.253	.250	.248	.307	.183	June.
.274	.265	.258	.252	.250	.251	.256	.267	.275	.276	.274	.272	.325	.220	July.
.292	.282	.275	.272	.266	.268	.273	.281	.283	.282	.282	.288	.344	.220	Aug.
.318	.309	.303	.303	.304	.310	.321	.328	.332	.331	.330	.327	.406	.248	Sept.
.184	.182	.182	.184	.194	.199	.203	.205	.205	.200	.199	.199	.305	.094	Oct.
.273	.274	.280	.282	.287	.289	.290	.290	.288	.283	.281	.281	.423	.117	Nov.
.303	.304	.306	.311	.319	.327	.327	.328	.329	.329	.326	.323	.430	.205	Dec.
.276	.271	.269	.269	.272	.276	.280	.284	.285	.284	.281	.283	.380	.174	Year.

CHICAGO, ILL.

[H = 824 ft.; gravity correction, —.01; local time, 50m slow.]

.139	.136	.144	.148	.153	.159	.161	.160	.163	.160	.154	.161	.292	.015	Jan.
.182	.165	.166	.167	.175	.185	.189	.191	.196	.198	.197	.197	.330	.052	Feb.
.098	.082	.075	.073	.074	.081	.087	.094	.101	.110	.111	.103	.215	.984	Mar.
.122	.110	.099	.100	.100	.101	.107	.117	.117	.115	.115	.116	.213	.014	Apr.
.074	.066	.061	.056	.054	.056	.059	.068	.073	.074	.075	.072	.154	.985	May.
.129	.118	.108	.098	.096	.094	.095	.107	.118	.120	.121	.127	.183	.064	June.
.163	.151	.141	.135	.129	.131	.133	.140	.147	.149	.152	.156	.204	.101	July.
.180	.169	.158	.152	.147	.147	.153	.162	.167	.167	.168	.172	.225	.117	Aug.
.169	.156	.147	.145	.143	.142	.149	.153	.158	.158	.156	.163	.229	.080	Sept.
.039	.035	.032	.035	.041	.045	.047	.050	.052	.050	.046	.051	.153	.947	Oct.
.146	.147	.153	.155	.165	.174	.177	.174	.176	.180	.181	.168	.309	.026	Nov.
.172	.166	.170	.173	.180	.183	.188	.187	.190	.190	.193	.188	.301	.067	Dec.
.134	.125	.121	.120	.121	.125	.129	.134	.138	.139	.139	.140	.234	.038	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[λ=39° 6′ N.; φ=84° 30′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.466	.465	.468	.466	.463	.467	.475	.480	.494	.504	.514	.505	.476
Feb	29.448	.448	.451	.454	.458	.470	.479	.489	.501	.501	.494	.482	.463
Mar	29.412	.410	.405	.402	.405	.415	.430	.447	.452	.455	.450	.443	.426
Apr	29.366	.362	.362	.362	.365	.378	.391	.398	.400	.401	.399	.387	.381
May	29.289	.287	.290	.291	.300	.311	.319	.326	.325	.325	.322	.311	.300
June ...	29.360	.357	.356	.361	.373	.383	.395	.403	.399	.399	.396	.388	.374
July....	29.377	.375	.375	.379	.389	.401	.410	.419	.419	.416	.413	.404	.393
Aug	29.371	.367	.366	.367	.373	.385	.397	.403	.404	.405	.400	.394	.377
Sept....	29.405	.402	.400	.406	.408	.414	.425	.430	.437	.437	.432	.421	.409
Oct.....	29.328	.327	.325	.325	.331	.337	.346	.354	.362	.361	.359	.347	.328
Nov	29.458	.457	.458	.456	.459	.463	.471	.480	.491	.491	.491	.476	.456
Dec	29.474	.472	.473	.473	.468	.470	.480	.487	.497	.504	.503	.490	.468
Year ...	29.396	.394	.394	.395	.399	.408	.418	.426	.432	.433	.431	.421	.404

CLEVELAND, OHIO.

[λ=41° 30′ N.; φ=81° 42′ W.]

Jan	29.293	.294	.299	.301	.298	.300	.302	.301	.310	.319	.323	.310	.293
Feb	29.283	.282	.281	.282	.290	.299	.309	.315	.325	.325	.327	.320	.302
Mar	29.251	.249	.244	.243	.248	.256	.265	.266	.266	.268	.267	.259	.248
Apr	29.228	.226	.226	.226	.230	.245	.255	.256	.255	.252	.250	.244	.237
May	29.133	.131	.128	.131	.137	.151	.161	.169	.170	.169	.166	.160	.151
June ...	29.201	.198	.202	.208	.218	.231	.243	.252	.253	.249	.246	.243	.232
July....	29.218	.218	.218	.221	.231	.242	.252	.262	.264	.264	.264	.258	.251
Aug	29.224	.222	.224	.230	.236	.252	.267	.276	.280	.281	.280	.274	.266
Sept....	29.263	.263	.263	.266	.274	.284	.294	.302	.305	.305	.302	.291	.277
Oct.....	29.151	.154	.154	.157	.166	.170	.179	.188	.194	.191	.186	.178	.158
Nov	29.251	.255	.260	.258	.262	.266	.268	.273	.281	.283	.276	.266	.249
Dec	29.287	.289	.297	.295	.296	.299	.303	.302	.308	.315	.315	.299	.281
Year ...	29.232	.232	.233	.235	.240	.250	.258	.264	.268	.268	.267	.258	.245

DETROIT, MICH.

[λ=42° 20′ N.; φ=83° 3′ W.]

Jan	29.287	.286	.289	.283	.281	.282	.290	.295	.308	.315	.319	.309	.291
Feb	29.289	.289	.289	.288	.291	.301	.306	.319	.328	.327	.328	.322	.308
Mar	29.244	.245	.236	.232	.236	.239	.249	.254	.257	.261	.256	.249	.235
Apr	29.246	.244	.241	.242	.242	.253	.260	.262	.264	.263	.257	.255	.245
May....	29.155	.148	.150	.149	.154	.161	.173	.178	.179	.179	.175	.168	.158
June ...	29.215	.214	.212	.214	.223	.232	.240	.247	.247	.212	.238	.233	.222
July....	29.238	.237	.236	.237	.244	.249	.256	.263	.265	.265	.262	.257	.247
Aug	29.256	.253	.249	.250	.253	.259	.270	.275	.279	.279	.276	.271	.262
Sept....	29.283	.282	.279	.276	.279	.285	.295	.299	.301	.303	.300	.292	.285
Oct.....	29.162	.164	.163	.162	.166	.173	.180	.187	.191	.190	.182	.175	.162
Nov	29.244	.244	.251	.250	.253	.253	.261	.269	.276	.280	.278	.267	.251
Dec	29.290	.288	.295	.295	.292	.290	.296	.304	.309	.314	.312	.296	.276
Year ...	29.242	.241	.241	.240	.243	.248	.256	.263	.267	.268	.265	.258	.245

DODGE CITY, KANS.

[λ=37° 45′ N.; φ=100° 0′ W.]

Jan	27.389	.384	.379	.381	.380	.377	.377	.385	.395	.406	.421	.427	.405
Feb	27.463	.458	.452	.447	.438	.435	.441	.451	.470	.482	.494	.500	.499
Mar	27.350	.351	.354	.348	.346	.346	.351	.360	.371	.383	.391	.391	.383
Apr	27.331	.330	.327	.325	.327	.328	.336	.347	.358	.357	.359	.356	.341
May....	27.363	.365	.365	.365	.369	.377	.388	.397	.406	.409	.407	.404	.397
June ...	27.374	.374	.372	.368	.367	.367	.371	.381	.392	.395	.390	.389	.384
July....	27.463	.463	.462	.462	.461	.465	.473	.479	.485	.490	.487	.483	.477
Aug	27.477	.474	.469	.470	.471	.473	.482	.490	.499	.504	.505	.501	.489
Sept....	27.385	.386	.383	.385	.388	.391	.394	.402	.410	.414	.419	.414	.401
Oct.....	27.362	.365	.369	.364	.365	.374	.381	.385	.396	.402	.399	.394	.380
Nov	27.517	.517	.513	.512	.506	.508	.512	.516	.529	.542	.549	.547	.528
Dec	27.509	.503	.496	.500	.498	.494	.489	.495	.508	.516	.527	.532	.516
Year ...	27.415	.414	.412	.411	.410	.411	.416	.424	.435	.442	.446	.445	.433

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[H = 628 ft.; gravity correction, —.02; local time, 38m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.457	.443	.446	.451	.453	.457	.458	.458	.464	.465	.463	.469	.593	.353	Jan.
.442	.428	.424	.423	.429	.438	.448	.450	.455	.453	.450	.457	.605	.292	Feb.
.406	.392	.384	.385	.389	.395	.403	.410	.410	.414	.412	.415	.509	.308	Mar.
.369	.352	.344	.342	.345	.347	.352	.363	.371	.374	.375	.370	.453	.283	Apr.
.289	.274	.265	.260	.256	.260	.264	.280	.288	.289	.290	.292	.357	.220	May.
.360	.347	.336	.328	.328	.333	.335	.348	.358	.364	.364	.364	.417	.307	June.
.377	.361	.347	.337	.335	.336	.343	.357	.366	.370	.375	.378	.432	.320	July.
.361	.344	.331	.327	.327	.335	.342	.360	.365	.372	.375	.369	.420	.314	Aug.
.393	.380	.372	.372	.375	.382	.390	.402	.410	.412	.408	.405	.467	.345	Sept.
.311	.303	.298	.299	.305	.314	.321	.326	.329	.330	.325	.329	.421	.231	Oct.
.444	.435	.434	.437	.445	.455	.460	.465	.469	.468	.468	.462	.569	.344	Nov.
.455	.447	.451	.459	.465	.474	.476	.478	.480	.485	.483	.476	.584	.358	Dec.
.389	.376	.369	.368	.371	.377	.383	.391	.397	.400	.399	.399	.486	.306	Year.

CLEVELAND, OHIO.

[H = 740 ft.; gravity correction, —.01; local time, 27m slow.]

.276	.274	.276	.284	.294	.300	.305	.300	.292	.290	.290	.297	.427	.155	Jan.
.284	.273	.269	.272	.278	.285	.284	.283	.285	.284	.284	.293	.445	.131	Feb.
.228	.223	.217	.217	.222	.231	.239	.244	.246	.245	.244	.245	.355	.115	Mar.
.233	.224	.217	.219	.227	.231	.238	.242	.241	.241	.239	.237	.325	.139	Apr.
.136	.130	.123	.121	.116	.120	.123	.124	.126	.123	.125	.139	.204	.057	May.
.219	.209	.199	.193	.191	.194	.201	.208	.214	.211	.206	.218	.271	.152	June.
.241	.230	.223	.214	.208	.209	.215	.219	.221	.219	.217	.232	.283	.174	July.
.255	.245	.235	.231	.227	.228	.230	.231	.229	.228	.228	.245	.296	.177	Aug.
.265	.258	.253	.254	.257	.263	.271	.271	.267	.264	.261	.274	.342	.200	Sept.
.145	.139	.138	.141	.150	.155	.157	.155	.151	.147	.142	.160	.256	.042	Oct.
.237	.232	.236	.238	.246	.255	.260	.258	.257	.261	.263	.258	.393	.109	Nov.
.270	.268	.271	.276	.286	.294	.298	.293	.290	.289	.288	.292	.395	.171	Dec.
.232	.225	.221	.222	.225	.230	.235	.236	.235	.234	.232	.241	.333	.135	Year.

DETROIT, MICH.

[H=724 ft.; gravity correction, —.01; local time, 32m slow.]

.274	.270	.273	.280	.288	.293	.294	.291	.291	.290	.287	.290	.427	.145	Jan.
.289	.277	.272	.274	.278	.287	.291	.290	.290	.288	.287	.296	.447	.140	Feb.
.221	.214	.212	.208	.212	.219	.228	.236	.238	.240	.238	.236	.350	.107	Mar.
.238	.230	.229	.228	.227	.236	.245	.256	.257	.259	.258	.247	.347	.143	Apr.
.151	.142	.130	.125	.123	.124	.128	.140	.149	.152	.155	.152	.225	.070	May.
.212	.200	.190	.184	.188	.193	.196	.206	.214	.218	.221	.217	.276	.157	June.
.235	.223	.213	.208	.205	.208	.214	.228	.238	.236	.239	.238	.285	.185	July.
.252	.241	.236	.231	.230	.234	.242	.254	.258	.259	.260	.255	.310	.200	Aug.
.273	.264	.260	.258	.261	.265	.273	.281	.284	.286	.285	.281	.358	.210	Sept.
.150	.143	.139	.140	.144	.151	.156	.157	.158	.155	.153	.163	.263	.048	Oct.
.242	.239	.240	.247	.255	.258	.260	.261	.262	.259	.259	.257	.402	.093	Nov.
.264	.258	.262	.268	.275	.283	.288	.289	.287	.291	.290	.288	.397	.166	Dec.
.234	.225	.221	.221	.224	.229	.235	.241	.244	.244	.244	.243	.341	.139	Year.

DODGE CITY, KANS.

[H = 2,523 ft.; gravity correction, —.02; local time, 1h 40m slow.]

.375	.351	.343	.347	.351	.360	.374	.382	.388	.391	.393	.382	.518	.259	Jan.
.483	.458	.443	.438	.438	.440	.445	.448	.451	.454	.454	.458	.572	.337	Feb.
.369	.341	.327	.315	.309	.313	.325	.335	.346	.353	.354	.350	.482	.215	Mar.
.326	.305	.291	.278	.268	.268	.269	.277	.295	.308	.318	.318	.423	.221	Apr.
.384	.368	.355	.337	.325	.320	.317	.328	.344	.366	.369	.368	.455	.263	May.
.374	.356	.344	.329	.320	.314	.315	.324	.342	.362	.365	.361	.427	.287	June.
.465	.448	.432	.419	.408	.404	.406	.416	.429	.450	.459	.454	.507	.389	July.
.477	.461	.444	.428	.417	.412	.416	.428	.447	.461	.471	.465	.515	.406	Aug.
.385	.367	.353	.343	.340	.341	.343	.357	.373	.381	.385	.381	.475	.283	Sept.
.355	.335	.326	.319	.317	.324	.332	.340	.346	.354	.354	.360	.467	.238	Oct.
.503	.481	.474	.471	.476	.487	.495	.508	.514	.525	.526	.511	.653	.367	Nov.
.485	.465	.458	.461	.464	.474	.482	.493	.502	.509	.510	.495	.617	.372	Dec.
.415	.395	.382	.374	.369	.371	.377	.386	.398	.410	.413	.409	.509	.303	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[λ=44° 54′ N.; φ=66° 59′ W.]

1894.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.
Jan	29.969	.969	.964	.961	.967	.976	.992	.005	.017	.009	.986	.968	.957
Feb	29.953	.954	.957	.959	.965	.971	.989	.002	.005	.001	.985	.966	.945
Mar	29.910	.906	.907	.910	.918	.929	.939	.948	.952	.946	.935	.921	.906
Apr	29.891	.888	.888	.889	.900	.909	.918	.926	.929	.925	.919	.912	.900
May	29.908	.903	.903	.905	.912	.917	.921	.923	.923	.921	.914	.906	.897
June ...	29.847	.844	.842	.846	.852	.857	.862	.864	.863	.862	.856	.849	.840
July....	29.846	.843	.848	.852	.861	.869	.873	.873	.874	.871	.861	.854	.845
Aug	29.874	.873	.874	.879	.885	.892	.892	.892	.892	.888	.883	.877	.868
Sept....	30.002	.999	.002	.007	.015	.023	.028	.033	.031	.026	.016	.006	.999
Oct.....	29.883	.881	.882	.880	.884	.894	.899	.896	.894	.888	.878	.867	.858
Nov	29.852	.850	.845	.846	.848	.858	.875	.882	.884	.879	.863	.853	.844
Dec.....	29.963	.966	.962	.959	.962	.969	.979	.993	.998	.992	.975	.956	.940
Year	29.908	.906	.906	.908	.914	.922	.931	.936	.938	.934	.923	.911	.900

GALVESTON, TEX.

[λ=29° 18′ N.; φ=94° 50′ W.]

Jan	30.119	.113	.109	.107	.104	.105	.114	.121	.133	.153	.162	.155	.128
Feb	30.128	.126	.121	.114	.113	.113	.124	.134	.144	.161	.168	.170	.152
Mar	30.064	.062	.054	.045	.039	.045	.059	.069	.082	.089	.095	.092	.078
Apr	29.992	.991	.986	.981	.981	.983	.994	.008	.016	.025	.031	.028	.018
May	29.965	.960	.951	.950	.954	.960	.974	.983	.993	.995	.997	.996	.988
June ...	30.016	.007	.999	.999	.002	.008	.016	.028	.038	.040	.046	.049	.045
July....	30.026	.022	.016	.015	.018	.026	.037	.042	.053	.056	.060	.061	.052
Aug	30.013	.010	.007	.004	.005	.014	.023	.031	.046	.051	.058	.056	.046
Sept....	29.980	.977	.972	.970	.971	.979	.990	.000	.006	.015	.019	.017	.006
Oct	30.018	.016	.010	.008	.010	.020	.031	.039	.053	.062	.065	.058	.041
Nov	30.176	.174	.171	.169	.168	.172	.181	.195	.209	.219	.226	.218	.203
Dec	30.182	.178	.176	.177	.175	.176	.183	.195	.208	.221	.229	.220	.199
Year ...	30.057	.053	.048	.045	.045	.050	.060	.070	.082	.091	.096	.093	.080

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.]

Jan	27.268	.284	.277	.271	.273	.270	.264	.266	.268	.284	.303	.315	.324
Feb	27.356	.359	.353	.349	.342	.337	.332	.329	.332	.341	.348	.351	.351
Mar	27.297	.292	.286	.284	.275	.271	.275	.277	.285	.297	.315	.321	.324
Apr	27.287	.290	.288	.284	.280	.284	.284	.286	.289	.295	.300	.303	.300
May....	27.290	.294	.299	.299	.297	.300	.305	.304	.306	.308	.302	.299	.294
June ...	27.238	.243	.244	.246	.245	.248	.256	.259	.262	.261	.260	.258	.250
July....	27.378	.386	.393	.400	.405	.411	.420	.427	.434	.435	.431	.425	.415
Aug	27.405	.407	.411	.411	.410	.412	.419	.426	.435	.435	.434	.431	.420
Sept....	27.295	.298	.299	.304	.308	.311	.310	.312	.313	.314	.318	.315	.309
Oct.....	27.259	.259	.265	.264	.262	.260	.263	.261	.258	.259	.268	.273	.272
Nov	27.377	.380	.380	.375	.373	.372	.378	.377	.380	.394	.405	.412	.408
Dec	27.355	.352	.352	.349	.352	.345	.343	.340	.346	.357	.370	.377	.376
Year ...	27.319	.320	.321	.320	.318	.318	.321	.322	.326	.332	.338	.340	.337

KANSAS CITY, MO.

[λ=39° 5′ N.; φ=94° 37′ W.]

Jan	29.064	.055	.057	.057	.053	.053	.057	.059	.065	.075	.090	.090	.062
Feb	29.133	.131	.128	.123	.114	.109	.113	.117	.125	.133	.139	.144	.138
Mar	28.993	.991	.989	.986	.983	.987	.994	.000	.013	.019	.021	.018	.008
Apr	28.947	.945	.944	.945	.948	.954	.970	.978	.984	.988	.989	.981	.965
May	28.959	.954	.944	.943	.946	.957	.974	.985	.994	.997	.000	.998	.985
June ...	28.988	.990	.993	.991	.996	.007	.015	.024	.032	.031	.029	.026	.021
July....	29.045	.046	.045	.042	.048	.054	.068	.079	.088	.090	.092	.087	.077
Aug	29.045	.045	.044	.045	.048	.054	.064	.073	.080	.086	.090	.089	.075
Sept....	29.012	.017	.012	.017	.018	.024	.031	.038	.043	.048	.049	.046	.031
Oct.....	28.954	.955	.953	.949	.956	.964	.971	.973	.986	.994	.993	.988	.974
Nov	29.128	.126	.125	.126	.123	.124	.129	.135	.152	.161	.166	.162	.138
Dec	29.134	.135	.136	.143	.139	.136	.141	.150	.156	.166	.175	.174	.154
Year ...	29.034	.032	.031	.031	.031	.035	.044	.051	.060	.066	.069	.067	.052

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[H = 76 ft.; gravity correction, 0; local time, 32m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.955	.955	.957	.963	.968	.974	.980	.982	.980	.973	.967	.975	.171	.755	Jan.
.935	.930	.931	.935	.944	.954	.959	.965	.964	.963	.964	.962	.145	.760	Feb.
.896	.884	.881	.882	.886	.898	.905	.908	.907	.900	.898	.911	.055	.736	Mar.
.893	.888	.888	.892	.899	.910	.917	.921	.921	.919	.915	.906	.989	.818	Apr.
.888	.882	.878	.879	.882	.891	.901	.905	.907	.908	.903	.903	.988	.804	May.
.833	.824	.818	.818	.823	.833	.843	.854	.858	.859	.857	.846	.921	.774	June.
.837	.830	.825	.825	.829	.835	.840	.847	.848	.850	.849	.849	.922	.773	July.
.862	.857	.853	.853	.855	.865	.873	.875	.877	.877	.876	.875	.931	.819	Aug.
.988	.985	.985	.987	.995	.005	.008	.012	.010	.009	.010	.008	.104	.910	Sept.
.852	.846	.850	.854	.859	.863	.865	.870	.870	.868	.870	.873	.003	.744	Oct.
.842	.845	.849	.858	.863	.869	.874	.879	.880	.880	.880	.862	.037	.677	Nov.
.935	.937	.939	.945	.955	.959	.958	.958	.955	.957	.955	.961	.097	.802	Dec.
.893	.889	.888	.891	.896	.905	.911	.915	.915	.914	.912	.911	.030	.781	Year.

GALVESTON, TEX.

[H = 42 ft.; gravity correction, —.04; local time, 1h 19m slow.]

.098	.078	.071	.072	.078	.083	.090	.101	.109	.114	.112	.110	.186	.029	Jan.
.116	.097	.085	.081	.086	.094	.109	.117	.127	.129	.128	.122	.212	.028	Feb.
.060	.040	.025	.015	.017	.022	.027	.039	.053	.057	.061	.054	.125	.987	Mar.
.007	.993	.975	.964	.960	.961	.963	.971	.986	.991	.990	.991	.053	.933	Apr.
.980	.967	.952	.942	.934	.932	.935	.944	.956	.967	.969	.964	.012	.918	May.
.035	.028	.014	.007	.996	.994	.000	.007	.017	.023	.025	.018	.056	.980	June.
.044	.031	.015	.002	.993	.993	.995	.005	.017	.027	.030	.026	.068	.983	July.
.031	.021	.009	.997	.985	.985	.989	.995	.006	.014	.015	.017	.062	.975	Aug.
.990	.976	.963	.957	.957	.957	.961	.974	.984	.987	.986	.983	.027	.939	Sept.
.018	.001	.991	.986	.986	.991	.997	.007	.015	.018	.019	.019	.074	.965	Oct.
.176	.162	.153	.151	.153	.163	.172	.179	.189	.191	.188	.182	.256	.113	Nov.
.171	.154	.148	.147	.149	.154	.166	.176	.185	.190	.193	.181	.266	.105	Dec.
.060	.046	.033	.027	.024	.027	.034	.043	.054	.059	.060	.056	.116	.996	Year.

HAVRE, MONT.

[H = 2.477 ft.; gravity correction, +.01; local time, 2h 19m slow.]

.317	.293	.277	.274	.279	.279	.278	.287	.290	.294	.297	.285	.444	.134	Jan.
.343	.330	.319	.310	.311	.307	.309	.319	.332	.341	.346	.335	.481	.210	Feb.
.318	.305	.294	.285	.276	.271	.269	.273	.284	.293	.300	.290	.452	.132	Mar.
.289	.280	.270	.260	.251	.251	.248	.254	.269	.282	.290	.280	.395	.169	Apr.
.282	.274	.266	.257	.250	.247	.245	.249	.260	.272	.282	.282	.375	.189	May.
.242	.239	.232	.226	.222	.222	.217	.222	.226	.238	.246	.242	.310	.166	June.
.402	.390	.380	.370	.356	.347	.339	.340	.344	.361	.372	.390	.445	.311	July.
.407	.394	.383	.369	.358	.354	.347	.352	.361	.375	.382	.397	.460	.324	Aug.
.296	.282	.272	.267	.260	.261	.260	.266	.275	.282	.287	.292	.391	.185	Sept.
.263	.249	.242	.236	.233	.234	.234	.241	.247	.254	.258	.255	.385	.130	Oct.
.395	.381	.369	.365	.365	.365	.367	.374	.381	.387	.394	.381	.549	.218	Nov.
.362	.344	.333	.329	.328	.330	.328	.335	.342	.344	.348	.347	.469	.225	Dec.
.326	.313	.303	.296	.291	.289	.287	.293	.301	.310	.317	.315	.430	.199	Year.

KANSAS CITY, MO.

[H = 963 ft.; gravity correction, —.01; local time, 1h 18m slow.]

.039	.024	.019	.025	.029	.035	.049	.058	.065	.069	.070	.055	.184	.938	Jan.
.119	.102	.094	.093	.093	.099	.106	.116	.121	.131	.131	.119	.253	.999	Feb.
.992	.971	.959	.954	.955	.961	.970	.985	.994	.999	.997	.989	.119	.863	Mar.
.953	.938	.923	.907	.900	.900	.905	.919	.926	.936	.940	.945	.028	.854	Apr.
.976	.967	.953	.941	.937	.931	.931	.942	.956	.968	.969	.963	.055	.865	May.
.007	.988	.978	.961	.952	.949	.952	.957	.970	.980	.983	.992	.060	.918	June.
.067	.056	.042	.031	.021	.019	.019	.020	.031	.039	.042	.052	.102	.999	July.
.060	.044	.027	.014	.006	.005	.007	.015	.030	.038	.041	.045	.097	.997	Aug.
.016	.999	.988	.980	.977	.980	.983	.001	.009	.013	.015	.014	.093	.931	Sept.
.953	.940	.930	.924	.922	.927	.930	.936	.942	.949	.945	.954	.042	.852	Oct.
.116	.103	.093	.097	.097	.105	.118	.125	.129	.136	.136	.127	.269	.979	Nov.
.129	.109	.104	.107	.109	.115	.121	.128	.133	.134	.138	.136	.261	.001	Dec.
.036	.020	.009	.003	.000	.002	.008	.017	.026	.033	.034	.033	.130	.933	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[λ = 24° 34′ N.; φ = 81° 49′ W.]

1894.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.
Jan	30.145	.136	.128	.125	.125	.130	.142	.158	.177	.186	.181	.165	.141
Feb	30.174	.165	.150	.144	.143	.148	.162	.177	.189	.199	.200	.185	.167
Mar	30.145	.132	.119	.113	.115	.125	.139	.158	.169	.175	.178	.169	.153
Apr	30.073	.063	.054	.051	.056	.067	.085	.095	.102	.107	.104	.096	.084
May	29.992	.979	.968	.964	.967	.976	.990	.998	.006	.009	.010	.003	.994
June	30.049	.038	.033	.033	.036	.047	.060	.069	.074	.076	.079	.076	.066
July	30.082	.070	.062	.059	.063	.070	.082	.092	.098	.102	.105	.102	.093
Aug	30.065	.055	.046	.042	.043	.050	.063	.072	.081	.086	.088	.082	.073
Sept	29.946	.934	.926	.922	.925	.935	.951	.962	.968	.974	.973	.969	.958
Oct	29.935	.926	.918	.916	.920	.930	.945	.959	.970	.973	.969	.957	.939
Nov	30.108	.100	.091	.090	.093	.101	.116	.131	.142	.147	.142	.125	.104
Dec	30.128	.118	.111	.107	.108	.114	.125	.141	.156	.164	.161	.145	.120
Year	30.070	.060	.050	.047	.050	.058	.072	.084	.094	.100	.099	.090	.074

MARQUETTE, MICH.

[λ = 46° 34′ N.; φ = 87° 24′ W.]

Jan	29.187	.187	.192	.191	.190	.187	.191	.194	.193	.197	.203	.201	.182
Feb	29.212	.213	.220	.217	.220	.225	.231	.231	.232	.235	.238	.234	.214
Mar	29.111	.106	.098	.090	.092	.099	.103	.108	.109	.114	.117	.114	.104
Apr	29.211	.207	.205	.204	.206	.212	.220	.224	.218	.222	.226	.222	.218
May	29.155	.150	.151	.152	.152	.156	.164	.167	.166	.168	.172	.172	.168
June	29.145	.141	.139	.144	.147	.152	.161	.163	.169	.171	.170	.169	.160
July	29.175	.172	.170	.173	.178	.187	.192	.195	.198	.198	.199	.199	.196
Aug	29.227	.227	.226	.228	.229	.236	.245	.249	.249	.255	.258	.257	.249
Sept	29.143	.144	.142	.143	.145	.153	.157	.159	.159	.159	.159	.158	.155
Oct	29.059	.057	.057	.054	.057	.056	.060	.060	.062	.064	.061	.060	.050
Nov	29.173	.170	.172	.167	.167	.164	.168	.173	.174	.178	.182	.179	.172
Dec	29.165	.163	.171	.165	.159	.154	.157	.158	.158	.160	.164	.153	.140
Year	29.164	.161	.162	.161	.162	.165	.171	.173	.174	.177	.179	.176	.167

MEMPHIS, TENN.

[λ = 35° 9′ N.; φ = 90° 3′ W.]

Jan	29.804	.804	.808	.812	.810	.816	.826	.836	.846	.860	.863	.850	.824
Feb	29.812	.806	.804	.797	.802	.811	.816	.832	.839	.846	.849	.848	.832
Mar	29.755	.756	.753	.751	.757	.765	.784	.798	.810	.814	.817	.805	.789
Apr	29.692	.692	.692	.692	.700	.708	.720	.736	.746	.752	.751	.742	.724
May	29.644	.644	.643	.646	.651	.665	.675	.684	.689	.691	.692	.685	.675
June	29.708	.699	.698	.702	.710	.721	.736	.750	.755	.755	.755	.748	.734
July	29.712	.707	.703	.705	.711	.722	.736	.744	.752	.756	.755	.752	.741
Aug	29.690	.688	.686	.686	.688	.696	.708	.719	.729	.735	.737	.734	.718
Sept	29.709	.705	.704	.704	.710	.720	.735	.745	.752	.758	.759	.754	.739
Oct	29.697	.699	.699	.701	.707	.718	.729	.740	.752	.758	.755	.746	.723
Nov	29.854	.858	.856	.859	.861	.871	.881	.894	.908	.914	.914	.902	.874
Dec	29.849	.841	.846	.849	.847	.851	.860	.876	.890	.903	.908	.901	.881
Year	29.744	.742	.741	.742	.746	.755	.767	.780	.789	.795	.796	.789	.771

NEW ORLEANS, LA.

[λ = 29° 58′ N.; φ = 90° 4′ W.]

Jan	30.107	.102	.097	.095	.094	.096	.106	.118	.132	.143	.147	.137	.113
Feb	30.103	.096	.091	.089	.088	.096	.106	.117	.128	.135	.138	.132	.111
Mar	30.068	.065	.062	.054	.052	.063	.076	.091	.105	.115	.118	.112	.098
Apr	30.005	.998	.991	.988	.990	.000	.015	.032	.041	.046	.049	.041	.030
May	29.949	.943	.935	.935	.938	.950	.961	.969	.977	.977	.975	.968	.955
June	29.998	.993	.991	.993	.000	.012	.023	.032	.040	.039	.036	.032	.024
July	29.993	.988	.984	.983	.989	.998	.009	.019	.029	.030	.030	.025	.014
Aug	29.980	.973	.968	.970	.975	.982	.994	.005	.013	.016	.016	.008	.000
Sept	29.949	.941	.938	.938	.942	.952	.965	.974	.981	.986	.984	.977	.961
Oct	29.967	.964	.959	.957	.961	.970	.979	.987	.002	.008	.005	.994	.975
Nov	30.149	.145	.142	.144	.145	.151	.162	.173	.190	.198	.196	.182	.162
Dec	30.140	.136	.133	.131	.132	.133	.142	.153	.166	.180	.177	.163	.141
Year	30.034	.029	.024	.023	.026	.034	.045	.056	.067	.073	.073	.064	.049

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[H = 22 ft.; gravity correction, — .05; local time, 27m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.119	.110	.109	.114	.121	.131	.144	.151	.158	.159	.154	.142	.194	.101	Jan.
.149	.133	.122	.124	.131	.143	.160	.171	.175	.177	.173	.161	.216	.105	Feb.
.135	.121	.108	.104	.109	.121	.134	.146	.157	.158	.155	.139	.191	.089	Mar.
.069	.053	.039	.036	.039	.048	.063	.074	.080	.080	.077	.071	.111	.030	Apr.
.979	.962	.945	.944	.947	.959	.973	.982	.991	.995	.992	.980	.020	.935	May.
.053	.037	.026	.022	.027	.038	.052	.060	.067	.068	.064	.052	.084	.016	June.
.080	.064	.052	.051	.054	.066	.079	.087	.093	.096	.091	.079	.115	.041	July.
.058	.043	.028	.027	.030	.043	.055	.067	.072	.074	.071	.059	.096	.022	Aug.
.943	.925	.915	.916	.921	.933	.945	.955	.958	.959	.952	.944	.006	.879	Sept.
.918	.907	.904	.906	.914	.925	.938	.951	.956	.954	.946	.936	.979	.893	Oct.
.084	.078	.075	.081	.090	.104	.116	.123	.128	.127	.121	.109	.151	.068	Nov.
.101	.093	.087	.093	.101	.108	.124	.133	.138	.137	.132	.123	.176	.074	Dec.
.057	.044	.034	.035	.040	.052	.065	.075	.081	.082	.077	.066	.112	.021	Year.

MARQUETTE, MICH.

[H = 734 ft.; gravity correction, — .02; local time, 49m slow.]

.164	.161	.169	.176	.179	.185	.186	.188	.187	.187	.186	.186	.348	.033	Jan.
.196	.182	.180	.179	.180	.187	.191	.193	.194	.198	.200	.208	.351	.049	Feb.
.101	.095	.096	.097	.103	.112	.115	.118	.117	.118	.113	.106	.247	.955	Mar.
.213	.207	.202	.202	.202	.202	.206	.214	.217	.216	.215	.212	.342	.090	Apr.
.164	.160	.160	.159	.157	.161	.161	.167	.169	.173	.167	.162	.250	.066	May.
.155	.150	.146	.140	.137	.137	.134	.142	.146	.145	.146	.150	.213	.076	June.
.192	.187	.183	.175	.171	.173	.173	.177	.178	.177	.181	.183	.240	.109	July.
.244	.235	.232	.228	.227	.223	.224	.229	.230	.231	.230	.236	.310	.147	Aug.
.145	.139	.134	.137	.142	.144	.150	.155	.152	.151	.148	.149	.246	.041	Sept.
.042	.036	.037	.041	.048	.056	.059	.058	.057	.055	.048	.054	.171	.933	Oct.
.165	.165	.174	.181	.190	.196	.197	.196	.197	.197	.194	.179	.347	.006	Nov.
.131	.131	.140	.148	.156	.159	.163	.162	.163	.163	.163	.156	.305	.011	Dec.
.159	.154	.154	.155	.158	.161	.163	.167	.167	.168	.166	.165	.281	.043	Year.

MEMPHIS, TENN.

[H = 330 ft.; gravity correction, —.03; local time, 1h slow.]

.797	.782	.778	.777	.779	.784	.789	.791	.797	.798	.799	.810	.905	.703	Jan.
.799	.785	.779	.776	.779	.789	.800	.802	.809	.809	.810	.810	.930	.670	Feb.
.765	.745	.729	.720	.719	.726	.733	.745	.751	.748	.752	.762	.838	.677	Mar.
.714	.693	.680	.673	.666	.665	.667	.681	.692	.696	.696	.703	.776	.627	Apr.
.664	.647	.632	.624	.618	.620	.627	.641	.653	.650	.650	.655	.716	.590	May.
.719	.703	.689	.681	.677	.678	.677	.686	.702	.707	.710	.712	.762	.660	June.
.725	.711	.700	.693	.685	.691	.698	.703	.712	.714	.714	.718	.767	.672	July.
.703	.684	.671	.663	.659	.661	.668	.681	.689	.695	.696	.695	.742	.651	Aug.
.723	.706	.695	.687	.686	.688	.694	.706	.714	.717	.715	.718	.776	.659	Sept.
.698	.681	.673	.668	.668	.673	.678	.685	.689	.691	.690	.705	.773	.636	Oct.
.846	.831	.825	.823	.826	.833	.840	.848	.857	.861	.864	.862	.955	.772	Nov.
.861	.845	.841	.842	.841	.847	.854	.857	.858	.860	.858	.861	.958	.756	Dec.
.751	.734	.724	.719	.717	.721	.727	.736	.744	.746	.746	.751	.825	.673	Year.

NEW ORLEANS, LA.

[H = 54 ft.; gravity correction, —.04; local time, 1h slow.]

.087	.070	.063	.067	.075	.085	.098	.102	.105	.108	.106	.102	.179	.034	Jan.
.092	.075	.067	.068	.075	.081	.094	.106	.112	.112	.108	.101	.193	.014	Feb.
.079	.060	.046	.038	.040	.045	.052	.061	.071	.075	.072	.072	.134	.011	Mar.
.016	.001	.988	.978	.972	.974	.975	.987	.997	.006	.006	.005	.056	.952	Apr.
.945	.930	.915	.907	.903	.906	.913	.921	.936	.944	.946	.942	.989	.893	May.
.014	.002	.991	.979	.976	.977	.981	.992	.999	.006	.004	.006	.043	.967	June.
.004	.993	.985	.979	.972	.971	.974	.984	.995	.002	.003	.998	.041	.955	July.
.987	.970	.956	.951	.947	.948	.953	.968	.978	.982	.979	.980	.021	.935	Aug.
.943	.928	.918	.915	.918	.926	.936	.949	.957	.959	.956	.950	.997	.903	Sept.
.957	.942	.934	.933	.940	.949	.961	.970	.977	.977	.973	.968	.022	.918	Oct.
.136	.125	.121	.121	.129	.140	.152	.160	.165	.165	.160	.155	.210	.102	Nov.
.117	.107	.106	.108	.114	.125	.138	.147	.151	.154	.148	.139	.218	.063	Dec.
.031	.017	.008	.004	.005	.011	.019	.029	.037	.041	.038	.035	.092	.979	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[λ=40° 43′ N.; φ=74° 0′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.948	.949	.950	.948	.949	.952	.962	.977	.989	.995	.983	.964	.942
Feb	29.945	.939	.931	.921	.922	.928	.935	.943	.945	.948	.946	.934	.918
Mar	29.924	.920	.912	.911	.915	.921	.930	.936	.937	.934	.924	.913	.894
Apr	29.835	.830	.827	.826	.828	.834	.842	.844	.845	.846	.838	.830	.822
May	29.775	.772	.770	.769	.773	.782	.789	.793	.790	.788	.781	.772	.760
June	29.796	.798	.793	.796	.803	.813	.817	.822	.820	.819	.817	.810	.801
July	29.812	.809	.807	.809	.815	.820	.824	.831	.828	.827	.825	.819	.811
Aug	29.829	.827	.825	.827	.833	.840	.849	.851	.852	.852	.842	.835	.825
Sept	29.909	.905	.904	.907	.914	.924	.933	.937	.938	.934	.927	.918	.905
Oct	29.805	.800	.795	.792	.796	.798	.802	.807	.804	.799	.791	.782	.770
Nov	29.884	.888	.884	.883	.888	.893	.901	.907	.907	.906	.895	.878	.867
Dec	29.942	.941	.936	.928	.922	.924	.928	.935	.936	.940	.925	.910	.898
Year	29.867	.865	.861	.860	.863	.869	.876	.882	.883	.882	.874	.864	.851

PHILADELPHIA, PA.

[λ=39° 57′ N.; φ=75° 9′ W.]

Jan	30.035	.040	.044	.040	.043	.048	.062	.072	.085	.092	.081	.054	.033
Feb	30.019	.012	.006	.999	.001	.004	.013	.023	.032	.035	.036	.024	.007
Mar	30.001	.000	.994	.994	.001	.009	.020	.026	.027	.025	.015	.998	.975
Apr	29.912	.906	.902	.901	.908	.920	.929	.935	.938	.937	.928	.918	.907
May	29.838	.835	.833	.833	.840	.850	.855	.860	.859	.858	.848	.839	.822
June	29.881	.879	.877	.877	.885	.894	.902	.907	.907	.908	.904	.899	.886
July	29.895	.891	.889	.890	.894	.900	.907	.914	.914	.912	.909	.903	.894
Aug	29.905	.903	.899	.901	.907	.912	.919	.926	.928	.932	.931	.920	.908
Sept	29.984	.979	.976	.977	.983	.993	.003	.010	.013	.011	.004	.993	.978
Oct	29.885	.878	.868	.869	.872	.871	.881	.893	.895	.892	.890	.877	.859
Nov	29.982	.980	.978	.977	.981	.988	.997	.006	.011	.012	.000	.980	.965
Dec	30.028	.028	.024	.019	.016	.020	.024	.030	.040	.045	.036	.021	.008
Year	29.947	.944	.941	.940	.944	.951	.959	.967	.971	.972	.965	.952	.937

PITTSBURG, PA.

[λ=40° 32′ N.; φ=80° 2′ W.]

Jan	29.243	.244	.246	.248	.245	.247	.252	.255	.257	.263	.264	.249	.225
Feb	29.209	.207	.205	.203	.208	.215	.227	.243	.245	.248	.252	.247	.232
Mar	29.210	.207	.205	.202	.203	.208	.214	.220	.222	.221	.215	.207	.190
Apr	29.172	.170	.167	.167	.169	.178	.188	.195	.196	.194	.187	.176	.166
May	29.083	.077	.076	.075	.083	.094	.106	.111	.109	.105	.097	.086	.077
June	29.155	.157	.155	.157	.166	.174	.184	.190	.189	.186	.180	.172	.161
July	29.171	.169	.169	.172	.179	.188	.196	.200	.199	.196	.190	.180	.167
Aug	29.168	.168	.169	.170	.175	.183	.194	.203	.201	.202	.196	.184	.169
Sept	29.216	.215	.214	.214	.218	.224	.235	.243	.247	.243	.232	.217	.205
Oct	29.125	.123	.122	.125	.129	.133	.140	.146	.148	.142	.135	.124	.106
Nov	29.210	.215	.220	.223	.226	.231	.237	.243	.247	.246	.240	.226	.213
Dec	29.253	.252	.255	.255	.250	.251	.257	.262	.262	.267	.269	.256	.238
Year	29.185	.184	.184	.184	.188	.194	.202	.209	.210	.209	.205	.194	.179

PORTLAND, OREG.

[λ=45° 32′ N.; φ=122° 43′ W.]

Jan	29.855	.861	.859	.854	.860	.863	.854	.849	.848	.851	.855	.866	.876
Feb	29.921	.921	.923	.922	.929	.927	.927	.926	.928	.934	.939	.948	.951
Mar	29.869	.871	.869	.866	.866	.856	.849	.848	.847	.846	.850	.853	.855
Apr	29.872	.979	.986	.985	.983	.982	.981	.983	.985	.992	.996	.998	.998
May	29.881	.885	.889	.886	.895	.885	.880	.882	.884	.888	.890	887	.885
June	29.865	.868	.869	.870	.872	.872	.873	.880	.882	.886	.889	.887	.883
July	29.907	.913	.920	.925	.929	.933	.935	.940	.949	.956	.958	.956	.950
Aug	29.848	.853	.862	.864	.866	.871	.871	.876	.885	.892	.895	.891	.886
Sept	29.849	.849	.854	.858	.858	.858	.859	.862	.869	.876	.879	.883	.883
Oct	29.857	.856	.859	.862	.858	.857	.855	.853	.854	.859	.865	.870	.871
Nov	30.014	.016	.020	.016	.017	.014	.010	.013	.022	.028	.039	.047	.056
Dec	29.847	.845	.842	.838	.839	.837	.831	.829	.831	.834	.844	.853	.862
Year	29.890	.893	.896	.896	.897	.896	.894	.895	.899	.904	.908	.912	.913

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[H = 185 ft.; gravity correction, —.01; local time, 4m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.930	.928	.928	.932	.937	.943	.943	.943	.945	.945	.945	.951	.102	.783	Jan.
.909	.910	.914	.925	.935	.947	.952	.952	.957	.959	.957	.936	.106	.755	Feb.
.878	.866	.863	.863	.867	.878	.889	.896	.903	.907	.907	.904	.033	.784	Mar.
.812	.803	.805	.809	.813	.824	.840	.848	.854	.855	.855	.832	.934	.744	Apr.
.750	.741	.737	.735	.735	.741	.748	.757	.761	.763	.761	.764	.848	.676	May.
.792	.783	.775	.768	.772	.779	.788	802	.808	.813	.813	.800	.857	.743	June.
.803	.792	.782	.780	.783	.789	.797	.811	.814	.815	.814	.809	.864	.752	July.
.815	.806	.801	.799	.800	.810	.821	.828	.832	.835	.837	.828	.885	.776	Aug.
.893	.885	.882	.882	.881	.890	.898	.903	.909	.908	.907	.908	.877	.833	Sept.
.765	.763	.767	.776	.785	.795	.804	.809	.811	.811	.809	.793	.906	.687	Oct.
.860	.860	.864	.874	.882	.889	.895	.901	.905	.905	.903	.888	.018	.768	Nov.
.895	.900	.906	.915	.927	.935	.942	.945	.947	.946	.940	.928	.035	.818	Dec.
.842	.836	.835	.838	.843	.852	.860	.866	.870	.872	.871	.862	.964	.760	Year.

PHILADELPHIA, PA.

[H = 117 ft.; gravity correction, —.01.]

.024	.018	.022	.025	.031	.035	.037	.039	.040	.039	.036	.045	.186	.886	Jan.
.995	.991	.996	.003	.016	.028	.035	.036	.037	.035	.035	.017	.180	.835	Feb.
.960	.948	.941	.942	.948	.960	.969	.977	.981	.985	.985	.987	.106	.872	Mar.
.898	.889	.886	.887	.893	.902	.915	.924	.926	.931	.934	.914	.011	.823	Apr.
.811	.800	.797	.793	.795	.802	.815	.823	.827	.827	.825	.829	.903	.747	May.
.878	867	.860	.855	.857	.864	.871	.883	.888	.894	.895	.884	.935	.832	June.
.882	.874	.864	.860	.864	.870	.876	.889	.895	.897	.895	.891	.944	.834	July.
.896	.886	.879	.876	.877	.883	.898	.905	.909	.911	.912	.905	.957	.852	Aug.
.965	.956	.953	.953	.952	.961	.972	.978	.981	.982	.979	.981	.049	.908	Sept.
.850	.848	.851	.856	.866	.876	.886	.891	.896	.895	.891	.877	.989	.769	Oct.
.957	.960	.964	.971	.979	.988	.998	.004	.007	.003	.999	.987	.109	.874	Nov.
.001	.003	.005	.010	.016	.027	.031	.035	.037	.035	.025	.023	.127	.913	Dec.
.926	.920	.918	.919	.924	.933	.942	.949	.952	.953	.951	.945	.041	.845	Year.

PITTSBURG, PA.

[H = 820 ft., 842 ft. a; gravity correction, —.01; local time, 20m slow.]

.213	.207	.214	.221	.228	.238	.243	.242	.242	.240	.236	.240	.359	.115	Jan.
.212	.206	.205	.207	.211	.216	.221	.223	.220	.217	.215	.221	.372	.055	Feb.
.171	.163	.157	.160	.170	.178	.190	.197	.198	.201	.201	.196	.307	.081	Mar.
.156	.147	.137	.137	.143	.148	.158	.170	.175	.178	.181	.169	.255	.085	Apr.
.064	.052	.043	.040	.043	.052	.063	.069	.072	.073	.074	.076	.147	.000	May.
.146	.135	.127	.122	.121	.129	.137	.147	.155	.160	.162	.157	.211	.099	June.
.150	.139	.132	.125	.125	.133	.145	.151	.158	.163	.166	.165	.220	.107	July.
.154	.139	.130	.127	.129	.135	.144	.155	.164	.167	.172	.167	.227	.111	Aug.
.186	.175	.171	.174	.180	.190	.203	.210	.215	.215	.215	.211	.280	.144	Sept.
.086	.081	.077	.086	.096	.106	.112	.116	.122	.122	.119	.118	.222	.015	Oct.
.201	.196	.200	.204	.210	.214	.216	.215	.217	.222	.223	.221	.343	.085	Nov.
.224	.225	.229	.233	.237	.245	.251	.252	.251	.252	.253	.249	.355	.136	Dec.
.164	.155	.152	.153	.158	.165	.174	.179	.182	.184	.185	.182	.275	.086	Year.

a December 26, 1894.

PORTLAND, OREG.

[H = 157 ft.; gravity correction, 0; local time, 3h 11m slow.]

.877	.858	.843	.837	.840	.844	.846	.850	.857	.860	.864	.855	.978	.730	Jan.
.956	.947	.936	.922	.919	.913	.911	.910	.909	.906	.907	.926	.031	.800	Feb.
.851	.844	.836	.826	.826	.825	.824	.831	.839	.849	.861	.848	.960	.742	Mar.
.991	.979	.969	.959	.951	.944	.944	.944	.949	.964	.977	.975	.061	.874	Apr.
.879	.866	.857	.849	.839	.833	.829	.825	.832	.847	.861	.868	.950	.782	May.
.877	.872	.865	.857	.853	.851	.845	.845	.850	.855	.867	.868	.929	.805	June.
.943	.930	.917	.904	.891	.879	.870	.867	.873	.881	.897	.918	.972	.839	July.
.876	.860	.850	.835	.821	.807	.800	.798	.805	.820	.831	.853	.906	.786	Aug.
.874	.862	.850	.841	.829	.824	.820	.821	.831	.840	.845	.853	.922	.772	Sept.
.868	.851	.842	.838	.834	.832	.829	.836	.844	.852	.861	.853	.948	.754	Oct.
.054	.040	.029	.019	.017	.017	.017	.020	.022	.020	.023	.025	.100	.940	Nov.
.857	.841	.828	.819	.822	.826	.831	.838	.840	.842	.846	.838	.966	.711	Dec.
.909	.896	.885	.876	.870	.866	.864	.865	.871	.878	.887	.890	.977	.795	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[λ = 38° 38′ N.; φ = 90° 12′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	29.495	.490	.492	.493	.495	.499	.510	.517	.523	.526	.537	.533	.504
Feb	29.540	.537	.538	.530	.532	.534	.539	.545	.552	.555	.556	.550	.533
Mar	29.411	.439	.439	.434	.431	.436	.445	.455	.463	.466	.464	.462	.449
Apr	29.394	.389	.386	.388	.390	.394	.408	.417	.418	.424	.426	.419	.405
May	29.366	.362	.362	.358	.364	.367	.376	.381	.383	.380	.379	.375	.370
June	29.406	.403	.402	.399	.404	.419	.433	.446	.454	.451	.449	.443	.430
July	29.437	.433	.434	.431	.440	.449	.462	.471	.477	.474	.473	.466	.454
Aug	29.423	.419	.421	.424	.427	.436	.447	.457	.465	.467	.469	.466	.455
Sept	29.431	.434	.440	.441	.449	.459	.472	.479	.484	.491	.489	.483	.470
Oct	29.389	.392	.390	.391	.393	.398	.403	.411	.418	.423	.423	.419	.402
Nov	29.539	.536	.536	.537	.534	.537	.541	.550	.559	.56[illegible]	.575	.576	.557
Dec	29.550	.547	.547	.549	.546	.546	.555	.566	.574	.584	.592	.585	.566
Year	29.451	.449	.449	.448	.450	.456	.466	.475	.481	.484	.486	.481	.466

ST. PAUL, MINN.

[λ = 44° 58′ N.; φ = 93° 3′ W.]

Jan	29.139	.136	.139	.138	.135	.131	.128	.129	.131	.144	.154	.156	.134
Feb	29.180	.177	.178	.177	.170	.169	.167	.165	.169	.175	.175	.176	.163
Mar	29.004	.005	.008	.008	.006	.010	.018	.027	.034	.034	.033	.034	.025
Apr	29.028	.027	.027	.028	.032	.034	.041	.049	.055	.056	.056	.055	.046
May	29.036	.036	.035	.039	.042	.049	.057	.064	.063	.061	.058	.051	.040
June	29.044	.039	.041	.043	.046	.052	.059	.066	.071	.073	.074	.068	.057
July	29.086	.090	.092	.095	.102	.109	.122	.130	.136	.135	.134	.127	.118
Aug	29.128	130	.131	.134	.136	.141	.150	.156	.160	.161	.160	.155	.144
Sept	29.044	.048	.051	.055	.060	.066	.076	084	.089	.091	.087	.084	.069
Oct	28.949	.952	.917	.945	.945	.950	.954	.960	.969	.975	.974	.970	.959
Nov	29.145	.144	.141	.143	.139	.139	.139	.140	.144	.153	.157	.160	.146
Dec	29.131	.128	.127	.132	.129	.128	.126	.132	.132	.137	.143	.143	.127
Year	29.076	.076	.076	.078	.078	.082	.086	.092	.096	.100	.100	.098	.086

SALT LAKE CITY, UTAH.

[λ = 40° 46′ N.; φ = 111° 54′ W.]

Jan	25.704	.701	.693	.693	.695	.689	.684	.685	.688	.696	.707	.719	.722
Feb	25.718	.719	.718	.716	.713	.706	.705	.706	.709	.718	.729	.739	.739
Mar	25.633	.633	.634	.636	.627	.622	.626	.632	.638	.645	.652	.655	.654
Apr	25.687	.684	.687	.679	.676	.676	.678	.683	.695	.703	.709	.714	.712
May	25.622	.621	.623	.624	.626	.630	.635	.644	.654	.660	.661	.662	.658
June	25.597	.599	.599	.599	.600	.605	.613	.624	.633	.643	.646	.643	.638
July	25.716	.722	.725	.728	.731	.737	.745	.757	.765	.771	.773	.771	.762
Aug	25.688	.693	.696	.695	.697	.702	.708	.718	.730	.736	.738	.737	.728
Sept	25.658	.657	.657	.658	.655	.658	.662	.668	.677	.683	.689	.690	.683
Oct	25.692	.693	.697	.698	.698	.698	.707	.714	.725	.735	.740	.741	.735
Nov	25.829	.835	.836	.836	.838	.837	.837	.843	.844	.851	.863	.867	.858
Dec	25.721	.726	.723	.721	.725	.728	.724	.727	.734	.738	.748	.755	.755
Year	25.689	.690	.691	.690	.690	.691	.694	.700	.708	.715	.721	.724	.720

SAN DIEGO, CAL.

[λ = 32° 43′ N.; φ = 117° 10′ W.]

Jan	30.066	.065	.062	.055	.055	.052	.046	.047	.055	.062	.070	.085	.095
Feb	30.064	.065	.070	.065	.056	.049	.042	.044	.051	.060	.075	.083	.087
Mar	29.983	.980	.980	.974	.963	.953	.953	.958	.964	.972	.982	.989	.994
Apr	29.975	.973	.966	.958	.950	.946	.946	.949	.962	.970	.974	.978	.982
May	29.898	.894	.887	.878	.872	.870	.869	.877	.889	.898	.904	.906	.907
June	29.903	.900	.891	.887	.878	.874	.877	.884	.894	.904	.911	.911	.912
July	29.894	.895	.894	.885	.880	.878	.880	.884	.894	.904	.911	.912	.907
Aug	29.885	.883	.876	.869	.864	.860	.860	.866	.878	.886	.894	.896	.897
Sept	29.831	.829	.829	.825	.822	.820	.821	.824	.837	.846	.854	.858	.853
Oct	29.881	.879	.876	.873	.867	.864	.864	.868	.875	.885	.894	.898	.894
Nov	29.992	.994	.992	.988	.983	.978	.975	.974	.981	.992	.005	.014	.013
Dec	29.996	.994	.991	.993	.990	.990	.982	.982	.987	.997	.007	.019	.025
Year	29.947	.946	.943	.968	.932	.928	.926	.930	.939	.948	.957	.962	.964

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[H = 571 ft.; gravity correction, —.02; local time, 1h 1m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.474	.458	.457	.459	.466	.471	.474	.479	.488	.492	.491	.493	.603	.366	Jan.
.517	.498	.491	.489	.492	.504	.515	.521	.522	.529	.529	.527	.662	.385	Feb.
.427	.409	.396	.386	.387	.395	.405	.416	.425	.434	.436	.431	.532	.330	Mar.
.398	.383	.369	.365	.362	.361	.366	.381	.391	.393	.391	.392	.473	.312	Apr.
.358	.351	.341	.336	.334	.336	.343	.356	.370	.371	.371	.362	.448	.291	May.
.415	.401	.384	.376	.362	.364	.370	.379	.396	.407	.408	.408	.468	.343	June.
.443	.431	.418	.407	.401	.402	.407	.417	.430	.435	.434	.439	.487	.390	July.
.441	.421	.406	.397	.392	.390	.395	.409	.419	.424	.424	.429	.478	.371	Aug.
.452	.428	.419	.413	.410	.412	.417	.432	.436	.439	.438	.447	.508	.368	Sept.
.380	.366	.359	.357	.359	.365	.375	.378	.383	.384	.382	.389	.470	.306	Oct.
.539	.526	.517	.518	.526	.537	.538	.538	.543	.546	.546	.542	.666	.420	Nov.
.548	.538	.537	.538	.543	.552	.560	.561	.562	.564	.562	.557	.667	.435	Dec.
.449	.434	.424	.420	.420	.424	.430	.439	.447	.452	.451	.451	.538	.360	Year.

ST. PAUL, MINN.

[H = 850 ft.; gravity correction, 0; local time, 1h 12m slow.]

.118	.106	.110	.118	.125	.130	.133	.137	.139	.142	.143	.133	.269	.995	Jan.
.118	.135	.130	.131	.137	.143	.150	.155	.159	.160	.164	.161	.300	.032	Feb.
.011	.997	.988	.981	.981	.986	.994	.998	.002	.008	.009	.008	.110	.861	Mar.
.039	.028	.018	.011	.008	.006	.008	.014	.024	.024	.024	.031	.127	.922	Apr.
.027	.017	.009	.001	.000	.000	.002	.017	.030	.039	.042	.034	.137	.927	May.
.047	.037	.023	.016	.003	.993	.997	.999	.013	.025	.031	.038	.108	.956	June.
.106	.094	.083	.073	.063	.054	.054	.060	.073	.078	.083	.096	.160	.016	July.
.132	.119	.108	.099	.095	.092	.095	.105	.116	.119	.123	.129	.193	.062	Aug.
.050	.033	.023	.015	.011	.014	.017	.028	.038	.045	.048	.051	.133	.947	Sept.
.940	.925	.919	.916	.919	.923	.933	.933	.940	.943	.940	.945	.058	.816	Oct.
.136	.128	.128	.132	.138	.148	.153	.157	.162	.163	.163	.146	.311	.967	Nov.
.113	.105	.108	.111	.116	.119	.127	.129	.130	.131	.131	.126	.276	.982	Dec.
.072	.060	.054	.050	.050	.051	.055	.061	.069	.073	.075	.075	.184	.957	Year.

SALT LAKE CITY, UTAH.

[H = 4,345 ft.; gravity correction, —.01; local time, 2h 27m slow.]

.706	.686	.676	.676	.678	.683	.686	.693	.697	.702	.703	.694	.790	.614	Jan.
.735	.717	.703	.697	.698	.698	.702	.708	.708	.711	.718	.714	.815	.617	Feb.
.647	.634	.620	.612	.605	.602	.603	.611	.620	.627	.633	.629	.733	.515	Mar
.706	.694	.688	.676	.668	.665	.665	.665	.674	.682	.683	.685	.776	.587	Apr.
.648	.636	.623	.611	.602	.595	.587	.590	.597	.608	.618	.627	.693	.550	May.
630	.615	.603	.591	.583	.576	.570	.575	.581	.592	.600	.606	.675	.524	June.
.752	.736	.721	.711	.696	.687	.686	.687	.694	.703	.712	.729	.777	.668	July.
.716	.704	.687	.668	.656	.650	.646	.651	.665	.675	.679	.694	.743	.637	Aug.
.672	.656	.644	.638	.630	.628	.629	.628	.638	.643	.647	.656	.724	.580	Sept.
.723	.702	.690	.681	.674	.668	.666	.674	.677	.685	.691	.700	.788	.598	Oct.
.844	.826	.815	.811	.810	.810	.813	.818	.821	.826	.833	.833	.901	.756	Nov.
.737	.717	.703	.699	.700	.690	.699	.702	.708	.711	.715	.721	.817	.605	Dec.
.710	.694	.681	.673	.667	.663	.663	.667	.673	.680	.686	.691	.769	.604	Year.

SAN DIEGO, CAL.

[H = 93 ft.; gravity correction, —.03; local time, 2h 49m slow.]

.083	.060	.038	.028	.025	.028	.031	.036	.044	.051	.058	.054	.114	.997	Jan.
.081	.062	.045	.033	.027	.026	.034	.041	.053	.060	.064	.056	.121	.993	Feb.
.991	.980	.966	.955	.951	.949	.953	.958	.968	.977	.983	.970	.026	.917	Mar.
.977	.963	.956	.946	.937	.935	.936	.943	.952	.963	.969	.959	.009	.912	Apr.
.905	.903	.897	.887	.878	.872	.867	.871	.881	.893	.899	.888	.931	.847	May.
.911	.908	.901	.896	.889	.884	.879	.881	.885	.893	.901	.894	.928	.861	June.
.904	.901	.895	.883	.874	.864	.860	.865	.873	.883	.894	.888	.924	.851	July.
.893	.883	.875	.862	.834	.851	.848	.849	.857	.866	.875	.872	.906	.836	Aug.
.844	.836	.825	.815	.809	.807	.809	.813	.821	.832	.837	.829	.869	.793	Sept.
.884	.868	.854	.845	.844	.843	.845	.854	.862	.872	.879	.869	.912	.832	Oct.
.001	.976	.957	.952	.956	.956	.956	.968	.975	.985	.992	.981	.026	.940	Nov.
.013	.988	.973	.964	.966	.965	.969	.976	.986	.993	.999	.989	.045	.936	Dec.
.957	.944	.932	.922	.918	.915	.916	.921	.930	.939	.946	.937	.984	.893	Year.

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[λ=37° 48′ N.; φ=122° 26′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	30.046	.050	.046	.043	.042	.041	.033	.032	.033	.039	.048	.061	.073
Feb	30.029	.034	.036	.034	.036	.034	.031	.033	.038	.044	.054	.059	.062
Mar	29.975	.981	.983	.984	.978	.972	.966	.969	.975	.980	.989	.998	.002
Apr	29.957	.961	.961	.956	.950	.947	.945	.946	.958	.972	.978	.985	.989
May....	29.822	.819	.816	.810	.805	.802	.802	.805	.815	.825	.833	.835	.838
June ...	29.869	.868	.865	.861	.856	.850	.854	.859	.867	.876	.883	.886	888
July....	29.860	.860	.861	.856	.854	.852	.855	.859	.866	.875	.884	.887	.890
Aug	29.826	.828	.825	.822	.820	.819	.818	.822	.831	.843	.849	.855	.859
Sept....	29.789	.792	.791	.791	.788	.785	.782	.788	.797	.811	.820	.829	.831
Oct.....	29.895	.894	.896	.896	.891	.884	.885	.886	.890	.900	.913	.921	.924
Nov	29.979	.981	.980	.976	.976	.974	.973	.974	.980	.990	.001	.010	.015
Dec	29.910	.910	.909	.905	.906	.903	.893	.889	.891	.899	.906	.917	.931
Year ...	29.913	.915	.914	.911	.908	.905	.903	.905	.912	.921	.930	.937	.942

SANTA FE, N. MEX.

[λ=35° 41′ N.; φ=105° 57′ W.]

Jan	23.211	.208	.203	.202	.200	.198	.196	.198	.202	.214	.224	.236	.235
Feb	23.186	.188	.185	.182	.176	.173	.176	.181	.185	.195	.203	.211	.210
Mar	23.200	.202	.203	.199	.191	.186	.187	.192	.197	.205	.211	.216	.214
Apr	23.226	.227	.226	.225	.224	.223	.225	.235	.239	.245	.248	.251	.247
May....	23.281	.282	.282	.281	.281	.282	.288	.301	.306	.313	.314	.313	.305
June ...	23.305	.307	.308	.308	.310	.313	.318	.330	.336	.346	.348	.348	.345
July....	23.456	.458	.459	.457	.456	.456	.460	.466	.470	.479	.479	.475	.469
Aug	23.449	.449	.447	.447	.446	.446	.449	.452	.456	.462	.464	.464	.458
Sept....	23.359	.358	.358	.359	.358	.359	.362	.367	.374	.384	.390	.394	.385
Oct.....	23.333	.334	.335	.332	.330	.330	.334	.340	.345	.355	.360	.362	.356
Nov	23.390	.393	.392	.391	.389	.387	.386	.391	.397	.407	.412	.420	.415
Dec	23.313	.309	.304	.302	.301	.297	.295	.295	.299	.306	.320	.333	.332
Year ...	23.309	.310	.308	.307	.305	.304	.306	.312	.317	.326	.331	.335	.331

SAVANNAH, GA.

[λ=32° 5′ N.; φ=81° 5′ W.]

Jan	30.095	.095	.093	.094	.094	.102	.114	.122	.134	.142	.140	.119	.090
Feb	30.064	.060	.056	.053	.061	.071	.087	.097	.102	.106	.102	.088	.064
Mar	30.065	.061	.055	.054	.061	.075	.089	.102	.109	.111	.104	.092	.071
Apr	29.987	.983	.978	.979	.988	.004	.021	.028	.033	.033	.024	008	.991
May....	29.905	.899	.895	.896	.903	918	.926	.934	.935	.932	.924	.913	.897
June ...	29.996	.989	.986	.990	.998	.010	.022	.030	.033	.033	.029	.020	.005
July....	29.977	.969	.963	.965	.973	.983	.992	.000	.004	.006	.002	.995	.982
Aug	29.938	.935	.929	.928	.934	.947	.958	.965	.972	.976	.972	.962	.950
Sept....	29.924	.919	.913	.913	.919	.934	.946	.955	.964	.965	.960	.951	.935
Oct.....	29.910	.905	.901	.904	.911	.919	.930	.938	.942	.940	.936	.924	.904
Nov	30.099	.099	.095	.097	.103	.112	.125	.139	.148	.149	.140	.123	.096
Dec	30.098	.096	.095	.094	.093	.101	.111	.119	.129	.136	.126	.108	.081
Year ...	30.005	.001	.997	.997	.003	.015	.027	.036	.042	.044	.038	.025	.006

WASHINGTON, D. C.

[λ=38° 54′ N.; φ=77° 3′ W.]

Jan	30.062	.062	.065	.060	.061	.071	.080	.090	.103	.111	.104	.080	.056
Feb	30.023	.015	.005	.995	.000	.004	.016	.028	.041	.049	.053	.043	.022
Mar	30.021	.018	.010	.009	.016	.023	.032	.041	.044	.041	.035	.020	.996
Apr	29.935	.928	.924	.926	.931	.947	.955	.958	.962	.963	.958	.948	.938
May	29.832	.822	.821	.823	.828	.838	.847	.854	.854	.853	.850	.838	.828
June ...	29.905	.902	.899	.904	.912	.919	.925	.932	.934	.935	.935	.927	.920
July....	29.916	.911	.909	.911	.918	.926	.933	.939	.940	.938	.938	.931	.920
Aug	29.922	.916	.914	.913	.917	.927	.933	.939	.945	.949	.947	.941	.929
Sept....	29.986	.979	.976	.978	.983	.990	.002	.007	.012	.012	.004	.998	.980
Oct.....	29.896	.891	.885	.887	.893	.899	.912	.923	.928	.926	.922	.906	.887
Nov	30.011	.009	.007	.006	.012	.018	.030	.039	.046	.049	.041	.023	.003
Dec	30.048	.044	.043	.037	.031	.036	.047	.058	.072	.083	.077	.058	.041
Year ...	29.963	.958	.955	.954	.958	.966	.976	.984	.990	.992	.989	.976	.960

AVERAGE PRESSURE, IN INCHES AND THOUSANDTHS, FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[H = 153 ft.; gravity correction, —.02; local time, 3h 10m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
.073	.052	.029	.016	.014	.017	.016	.022	.028	.032	.038	.039	.105	.972	Jan.
.063	.050	.033	.018	.009	.007	.005	.007	.013	.023	.031	.033	.102	.958	Feb.
.999	.991	.977	.964	.956	.949	.946	.948	.953	.962	.971	.974	.029	.912	Mar.
.983	.972	.961	.949	.934	.924	.919	.918	.923	.938	.948	.953	.008	.889	Apr.
.839	.835	.829	.823	.809	.801	.795	.794	.795	.801	.810	.815	.870	.755	May.
.888	.885	.881	.873	.864	.857	.851	.850	.852	.858	.867	.867	.903	.825	June.
.889	.883	.875	860	.850	.837	.827	.827	.833	.841	.857	.860	.899	.816	July.
.854	.846	.837	.824	.810	.800	.795	.792	.798	.810	.822	.825	.865	.782	Aug.
.828	.816	.805	.791	.778	.768	.763	.763	.769	.781	.790	.794	.849	.737	Sept.
.924	.910	.894	.883	.877	.869	.864	.872	.882	.889	.895	.893	.950	.828	Oct.
.007	.991	.970	.959	.953	.946	.943	.952	.960	.966	.976	.976	.028	.926	Nov.
.925	.908	.895	.888	.890	.887	.888	.891	.895	.905	.910	.902	.982	.822	Dec.
.939	.928	.916	.904	.895	.888	.884	.886	.892	.900	.910	.911	.966	.852	Year.

SANTA FE, N. MEX.

[H = 6,998 ft.; gravity correction, — 02; local time, 2h 4m slow.]

.221	.197	.184	.178	.178	.178	.184	.190	.195	.201	.206	.202	.278	.134	Jan.
.200	.182	.169	.162	.161	.163	.168	.171	.178	.184	.186	.182	.262	.106	Feb.
.206	.190	.176	.164	.159	.160	.167	.172	.185	.194	.199	.191	.265	.118	Mar.
.238	.225	.213	.200	.192	.187	.189	.193	.206	.217	.221	.222	.284	.161	Apr.
.293	.283	.272	.260	.251	.244	.240	.246	.256	.270	.280	.280	.335	.219	May.
.336	.324	.315	.300	.286	.276	.273	.273	.277	.291	.303	.311	.355	.264	June.
.459	.447	.435	.421	.413	.407	.408	.411	.425	.441	.452	.448	.489	.396	July.
.449	.439	.429	.417	.410	.405	.403	.408	.422	.437	.443	.440	.475	.399	Aug.
.373	.359	.343	.332	.324	.320	.317	.323	.335	.347	.351	.355	.408	.295	Sept.
.345	.327	.315	.307	.305	.305	.306	.315	.321	.328	.331	.331	.386	.277	Oct.
.398	.382	.372	.368	.367	.370	.380	.383	.387	.391	.394	.390	.457	.328	Nov.
.314	.299	.289	.289	.290	.291	.297	.302	.303	.308	.310	.304	.373	.244	Dec.
.319	.304	.293	.283	.278	.276	.278	.282	.291	.301	.306	.305	.364	.245	Year.

SAVANNAH, GA.

[H = 98 ft.; gravity correction, —.03; local time, 24m slow.]

.071	.063	.064	.072	.085	.091	.099	.105	.110	.107	.101	.100	.171	.022	Jan.
.039	.028	.026	.032	.042	.054	.067	.070	.073	.068	.064	.066	.169	.957	Feb.
.048	.032	.024	.023	.031	.039	.053	.065	.068	.067	.067	.065	.130	.995	Mar.
.975	.958	.948	.947	.948	.959	.970	.980	.986	.989	.989	.988	.056	.916	Apr.
.884	.867	.861	.858	.862	.877	.889	.895	.902	.903	.900	.899	.949	.845	May.
.990	.976	.968	.961	.966	.974	.980	.990	.001	.004	.003	.998	.039	.949	June.
.970	.959	.952	.949	.955	.963	.972	.981	.987	.986	.982	.978	.016	.932	July.
.931	.911	.903	.903	.907	.921	.933	.945	.948	.947	.944	.940	.984	.893	Aug.
.913	.902	.898	.896	.900	.909	.923	.930	.932	.931	.927	.927	.990	.863	Sept.
.888	.880	.878	.883	.893	.906	.915	.923	.927	.923	.917	.912	.990	.826	Oct.
.080	.072	.070	.076	.086	.096	.105	.111	.114	.115	.110	.107	.175	.045	Nov.
.065	.054	.055	.059	.066	.075	.085	.089	.098	.101	.097	.093	.169	.025	Dec.
.988	.975	.971	.972	.978	.989	.999	.007	.012	.012	.008	.006	.070	.939	Year.

WASHINGTON, D. C.

[H = 112 ft.; gravity correction, —.02; local time, 8m slow.]

.041	.035	.035	.039	.045	.055	.062	.067	.071	.069	.061	.066	.195	.925	Jan.
.008	.001	.001	.007	.021	.035	.041	.044	.046	.041	.038	.024	.187	.843	Feb.
.970	.962	.954	.957	.968	.980	.993	.000	.005	.008	.007	.005	.120	.892	Mar.
.923	.912	.906	.908	.911	.919	.933	.943	.944	.949	.954	.936	.032	.842	Apr.
.816	.799	.794	.791	.788	.795	.805	.820	.824	.825	.823	.824	.897	.746	May.
.907	.894	.884	.877	.877	.883	.891	.902	.911	.914	.916	.908	.958	.856	June.
.906	.895	.889	.883	.883	.887	.895	.909	.913	.916	.916	.913	.965	.860	July.
.917	.904	.896	.895	.895	.900	.911	.920	.924	.925	.927	.921	.972	.867	Aug.
.966	.956	.949	.948	.953	.957	.971	.979	.983	.982	.981	.981	.047	.911	Sept.
.875	.868	.863	.867	.875	.889	.896	.904	.909	.905	.899	.896	.007	.786	Oct.
.994	.993	.996	.000	.013	.023	.030	.035	.035	.032	.028	.020	.134	.906	Nov.
.030	.024	.027	.030	.035	.048	.054	.055	.059	.059	.049	.048	.157	.931	Dec.
.946	.937	.933	.934	.939	.948	.957	.965	.969	.969	.967	.962	.056	.864	Year.

Blank page retained for pagination

Blank page retained for pagination

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[λ = 46° 47′ N.; φ = 100° 38′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan. *a*	14.8	13.1	11.9	10.6	10.2	9.1	8.9	8.1	7.9	8.1	8.7	10.1	12.5
Feb. *b*	3.3	2.7	2.1	1.2	0.7	0.3	−0.6	−1.6	−1.7	−1.0	1.2	4.1	7.1
Mar. *c*	24.2	23.9	23.4	22.7	21.9	21.2	20.8	20.0	20.2	21.7	24.1	26.7	28.3
Apr	40.1	39.6	39.3	38.3	38.0	37.6	37.3	37.2	38.5	40.3	42.9	44.4	46.2
May	51.0	49.9	48.9	47.7	47.0	46.6	46.1	48.7	51.7	55.0	57.6	60.2	62.1
June	63.2	62.4	61.3	60.3	58.6	58.0	58.5	62.1	64.2	67.3	70.0	73.1	75.0
July	68.2	66.4	65.2	63.6	62.2	61.0	60.6	64.5	68.0	72.8	78.5	81.7	84.1
Aug	65.5	64.2	62.8	61.4	60.1	59.3	58.1	59.1	62.9	67.4	72.6	76.7	79.6
Sept	54.6	52.8	51.5	50.4	49.3	48.0	47.5	47.4	49.6	54.3	58.2	61.9	64.2
Oct	40.3	39.5	39.1	38.6	38.0	37.3	37.0	36.6	37.0	39.6	44.1	47.6	50.7
Nov	24.8	24.8	24.6	24.5	24.7	24.3	23.9	23.0	22.3	23.0	25.2	27.5	29.9
Dec	18.2	17.7	17.1	16.6	15.8	15.1	14.6	14.7	13.7	15.1	18.2	22.5	27.0
Year	39.0	38.1	37.3	36.3	35.5	34.8	34.4	35.0	36.2	38.6	41.8	44.7	47.2

a For 16 days. *b* For 19 days. *c* For 23 days.

BOSTON, MASS.

[λ = 42° 21′ N.; φ = 71° 4′ W.]

Jan	28.9	28.1	27.8	27.4	27.1	26.9	26.7	27.1	27.9	29.7	31.5	33.0	33.6
Feb	24.7	24.5	24.2	23.9	23.6	23.3	23.4	24.1	25.0	26.2	27.6	29.2	30.4
Mar	39.1	38.8	38.6	38.1	38.1	37.9	38.0	39.2	41.1	42.8	44.7	46.0	47.3
Apr	43.8	43.6	43.4	42.9	42.4	42.5	43.4	45.5	47.1	48.2	49.0	49.3	49.9
May	53.6	53.3	52.5	52.1	51.8	52.3	53.6	55.9	57.3	58.7	59.6	60.3	60.6
June	62.9	62.6	61.9	61.2	61.1	61.7	63.4	65.9	68.5	70.5	72.6	74.1	74.7
July	69.1	68.3	67.9	67.5	67.1	67.5	69.2	72.1	74.1	75.9	77.0	77.8	78.4
Aug	64.8	64.2	63.8	63.1	62.6	62.5	63.3	65.6	67.7	69.7	71.2	72.1	72.7
Sept	61.9	61.2	60.8	60.3	59.8	59.6	60.5	62.3	64.3	66.2	67.7	68.8	69.6
Oct	50.9	50.6	50.0	49.8	49.8	49.6	50.4	51.6	53.3	54.7	56.5	57.4	57.5
Nov	36.3	36.0	36.0	35.6	35.7	35.6	35.7	36.7	37.9	39.1	40.4	41.4	41.9
Dec	30.3	30.2	30.0	29.7	29.6	29.4	29.4	30.3	30.5	32.2	33.8	35.1	36.1
Year	47.2	46.8	46.4	46.0	45.7	45.7	46.4	48.0	49.6	51.2	52.6	53.7	54.4

BUFFALO, N. Y.

[λ = 42° 53′ N.; φ = 78° 53′ W.]

Jan	30.2	30.0	30.0	30.1	29.8	29.7	30.1	30.1	30.4	30.8	31.7	32.6	33.0
Feb	22.7	22.5	22.7	22.5	22.1	21.[illegible]	21.5	21.8	22.7	23.3	24.0	25.1	25.6
Mar	37.7	37.4	36.9	36.7	36.4	36.5	36.3	37.0	37.9	38.5	39.7	41.1	41.8
Apr	42.8	42.2	42.1	41.8	41.6	41.2	41.9	43.6	44.3	45.0	46.2	47.3	48.0
May	52.8	51.9	51.4	50.8	50.1	50.9	52.5	54.5	55.5	56.4	57.7	58.4	59.1
June	63.5	63.2	62.9	62.5	62.1	62.6	63.5	64.4	65.4	66.2	67.0	68.1	68.6
July	68.4	68.0	67.7	67.3	66.6	67.1	68.2	70.1	71.7	73.0	73.5	74.1	74.6
Aug	64.8	63.9	63.0	62.4	61.7	61.8	62.9	65.4	67.6	69.2	70.5	71.9	72.8
Sept	63.4	62.8	62.3	61.9	61.6	61.5	61.9	63.6	65.8	67.8	69.1	70.2	71.4
Oct	52.1	51.7	51.8	51.5	51.3	50.9	51.0	52.1	53.7	55.3	56.8	57.8	58.1
Nov	36.2	35.8	35.4	35.2	34.7	34.6	34.4	34.7	34.9	35.9	36.7	37.7	38.3
Dec	33.5	33.2	32.9	32.7	32.7	32.7	32.6	32.5	32.6	33.5	34.5	35.3	35.3
Year	47.3	46.9	46.6	46.3	45.9	45.9	46.4	47.5	48.5	49.6	50.6	51.6	52.2

CHICAGO, ILL.

[λ = 41° 53′ N.; φ = 87° 37′ W.]

Jan	27.4	27.1	26.6	26.3	25.7	25.3	25.1	25.2	25.3	26.0	27.1	28.6	29.6
Feb	22.0	21.5	21.2	20.8	20.6	19.8	19.6	19.8	20.5	21.4	22.6	23.8	24.9
Mar	39.9	39.4	38.9	38.1	37.5	37.1	36.8	37.4	38.4	39.6	41.1	42.5	43.5
Apr	45.3	45.0	45.1	44.9	44.4	44.3	44.4	45.1	46.2	47.4	48.2	48.9	49.6
May	55.1	54.2	53.4	52.7	52.5	52.1	52.8	54.5	56.1	57.1	56.8	57.8	58.4
June	67.5	66.7	66.3	65.8	65.0	65.1	65.9	68.1	70.5	72.7	74.0	74.9	75.1
July	70.5	70.1	69.2	68.6	68.0	67.9	68.7	70.9	72.6	74.3	74.7	75.0	74.6
Aug	69.4	68.6	68.3	67.6	67.0	66.4	66.5	67.6	69.4	70.8	71.9	72.7	73.3
Sept	65.4	64.7	64.0	62.9	62.5	61.9	61.4	62.0	63.4	65.1	66.7	68.2	68.8
Oct	50.6	50.1	50.0	49.5	48.8	48.4	48.0	48.6	49.6	50.9	52.5	53.6	54.7
Nov	34.2	33.4	33.2	32.9	32.7	32.5	32.3	32.4	32.8	33.4	34.5	35.7	36.9
Dec	31.6	31.1	31.1	31.1	30.8	30.7	30.6	30.5	30.5	30.8	32.1	33.4	34.4
Year	48.2	47.7	47.3	46.8	46.3	46.0	46.0	46.8	47.9	49.1	50.2	51.3	52.0

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME.

BISMARCK, N. DAK.

[h_t = 59 ft., 16 ft. *a*; local time, 1h 42m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
14.7	16.1	17.7	17.4	16.2	14.9	13.6	12.8	12.1	11.9	11.2	12.2	10.8	−4.5	Jan.
9.6	11.7	13.1	13.9	13.6	12.6	10.1	8.6	7.6	6.9	6.1	5.5	19.7	0.9	Feb.
30.2	31.7	32.0	31.7	31.9	30.8	28.9	26.7	25.5	24.6	23.9	25.7	35.3	17.6	Mar.
47.8	49.0	49.8	50.3	50.5	50.1	49.0	46.9	44.9	43.3	42.0	43.5	52.2	35.0	Apr.
63.3	64.5	65.1	64.8	65.2	65.2	64.0	60.9	57.3	55.0	52.8	56.3	67.3	43.6	May.
76.4	77.3	78.1	78.1	78.4	77.8	76.5	73.7	69.6	67.2	65.5	68.9	80.3	56.2	June.
85.5	85.8	86.8	86.6	86.6	85.7	84.1	81.4	76.6	73.1	70.5	75.0	89.7	58.7	July.
81.6	83.4	84.2	83.4	83.2	81.9	80.5	76.5	73.1	70.3	67.9	71.5	87.3	56.1	Aug.
64.8	67.1	68.0	68.3	68.0	66.9	62.8	60.0	58.0	56.3	54.9	57.7	71.1	44.7	Sept.
52.6	53.6	54.6	54.4	53.8	50.0	47.3	45.3	43.4	42.2	41.2	44.3	56.1	34.0	Oct.
32.1	34.1	35.2	35.1	33.3	30.9	28.6	27.2	26.1	25.5	24.7	27.3	38.2	17.9	Nov.
29.9	31.3	31.7	31.2	27.8	24.6	22.5	21.1	20.1	19.5	18.5	21.0	33.4	11.9	Dec.
49.0	50.4	51.4	51.3	50.7	49.3	47.3	45.1	42.9	41.3	39.9	42.4	53.4	31.0	Year.

a June 1, 1894.

BOSTON, MASS.

[h_t = 115 ft.; local time, 16m fast.]

34.1	34.0	33.7	33.1	32.5	31.6	31.0	30.6	30.2	29.6	29.7	30.2	37.1	23.1	Jan.
30.5	31.0	30.6	29.9	29.1	28.4	27.9	27.3	26.8	26.1	25.7	26.8	33.8	19.3	Feb.
47.5	47.3	46.6	44.8	44.1	43.0	41.9	41.1	40.4	39.9	39.6	41.9	49.9	35.1	Mar.
50.3	50.1	49.9	50.0	48.9	48.0	47.1	46.2	45.7	45.0	44.6	46.5	54.0	40.1	Apr.
60.9	61.2	60.5	60.4	60.0	59.2	57.7	56.7	56.0	54.8	54.0	56.8	65.7	49.4	May.
75.1	75.1	74.3	73.9	72.2	70.5	68.7	67.7	66.4	65.3	64.5	68.1	78.1	59.4	June.
77.7	77.3	77.4	77.4	76.7	74.3	72.8	71.8	71.0	70.3	69.7	72.8	82.3	65.1	July.
72.5	72.4	72.1	71.5	70.7	69.3	68.2	67.3	66.3	65.5	65.0	67.7	75.9	60.2	Aug.
69.9	69.6	68.9	67.8	66.7	65.8	64.7	63.9	63.1	62.6	62.2	64.5	72.0	57.7	Sept.
57.8	57.9	56.8	56.1	55.0	54.1	53.5	53.0	52.5	51.8	51.4	53.4	60.6	47.4	Oct.
42.3	42.0	41.5	40.8	40.0	39.0	38.4	38.0	37.1	36.5	35.8	38.3	44.6	31.9	Nov.
37.2	37.0	36.2	35.2	34.3	33.3	32.0	31.5	31.5	30.8	30.5	32.3	38.9	25.5	Dec.
54.6	54.6	54.0	53.4	52.5	51.4	50.3	49.6	48.9	48.2	47.7	49.9	57.7	42.8	Year.

BUFFALO, N. Y.

[h_t = 103 ft.; local time, 15m slow.]

32.9	32.8	32.7	32.4	32.0	31.5	31.3	31.1	30.7	30.2	30.0	31.1	36.1	25.2	Jan.
25.5	26.0	26.4	26.2	25.8	25.4	25.0	24.8	24.5	24.1	23.8	24.0	28.5	17.0	Feb.
42.1	42.0	41.9	41.8	41.5	40.6	39.8	39.1	38.8	38.0	38.1	39.1	45.6	32.0	Mar.
48.6	48.3	48.5	47.9	47.7	46.7	45.6	45.0	44.5	44.1	43.9	44.9	52.7	37.5	Apr.
58.8	59.8	59.7	58.5	58.0	57.4	56.3	55.8	54.9	54.1	53.6	55.4	62.0	47.2	May.
68.7	69.2	69.2	69.0	68.5	67.8	67.0	66.5	65.8	65.3	64.9	65.9	71.6	59.6	June.
75.2	75.3	75.4	75.2	74.4	73.4	72.3	71.6	71.1	69.6	68.9	71.4	77.6	63.8	July.
72.8	73.0	73.0	72.6	71.9	70.8	69.7	68.3	67.2	66.5	65.9	67.9	74.8	59.4	Aug.
71.7	71.5	71.2	70.5	68.9	67.1	65.9	65.0	64.2	63.8	63.6	66.1	72.9	58.0	Sept.
58.6	58.8	58.7	57.8	56.3	55.2	54.2	53.5	53.3	52.9	52.5	54.4	60.3	47.5	Oct.
38.8	38.8	39.0	38.4	37.9	37.6	37.2	37.0	36.7	36.4	36.2	36.6	41.5	30.7	Nov.
35.8	36.0	35.6	35.5	34.9	34.5	34.3	33.9	33.7	33.5	33.1	34.0	37.5	28.5	Dec.
52.5	52.6	52.6	52.2	51.5	50.7	49.9	49.3	48.8	48.2	47.9	49.2	55.1	42.2	Year.

CHICAGO, ILL.

[h_t = 241 ft.; local time, 50m slow.]

30.2	30.9	31.1	31.2	31.1	30.6	30.3	29.8	29.1	28.5	27.9	28.2	33.8	21.2	Jan.
25.9	26.8	27.1	27.2	26.6	25.9	25.3	24.4	23.9	23.4	23.0	23.3	29.2	16.7	Feb.
44.4	45.1	45.7	45.9	45.7	44.9	43.9	43.3	42.1	41.5	40.6	41.4	48.5	33.9	Mar.
49.4	49.6	49.9	49.1	47.6	47.0	47.0	46.7	46.6	46.5	46.5	46.9	53.6	40.1	Apr.
58.7	59.0	58.3	57.0	57.5	57.3	56.7	55.6	55.6	54.8	54.5	55.8	64.0	48.2	May.
75.4	75.5	75.1	74.8	74.7	74.4	73.5	71.7	70.7	70.0	69.5	71.0	80.6	62.2	June.
75.6	76.1	76.9	77.2	77.1	76.9	75.9	74.5	73.6	72.9	72.0	73.1	81.1	65.6	July.
73.3	73.7	74.3	74.5	74.5	74.1	73.1	72.2	71.6	70.8	70.0	70.9	77.2	64.4	Aug.
69.5	70.2	70.8	71.1	70.7	69.8	68.4	67.3	66.7	65.7	65.4	66.4	73.0	59.4	Sept.
55.1	55.6	55.7	55.7	55.3	54.5	53.9	53.2	52.6	51.9	51.2	52.1	58.6	45.6	Oct.
37.4	38.0	38.1	37.7	37.1	36.7	36.5	36.0	35.6	34.9	34.3	35.0	40.5	28.2	Nov.
35.2	35.8	35.8	35.5	34.6	34.1	33.6	32.7	32.1	31.7	31.3	32.5	37.6	27.2	Dec.
52.5	53.0	53.2	53.1	52.7	52.2	51.5	50.6	50.0	49.4	48.8	49.7	56.5	42.7	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[λ = 39° 6′ N.; φ = 84° 30′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	36.3	35.7	35.2	34.9	34.5	34.2	34.1	34.1	34.5	35.2	36.5	38.4	40.0
Feb	31.9	31.4	30.6	30.2	29.4	29.1	28.7	28.5	28.8	30.0	31.7	33.6	35.3
Mar	46.6	45.6	44.9	44.3	43.4	42.6	42.0	42.6	44.0	46.1	48.4	50.7	52.3
Apr	51.9	51.1	50.1	49.5	48.8	48.2	48.0	48.9	51.6	53.7	55.7	57.1	58.1
May	59.6	58.9	58.3	57.8	56.7	56.3	56.6	58.5	60.9	62.9	64.8	66.5	67.7
June ...	69.4	68.7	67.9	67.1	66.3	66.1	66.6	69.8	72.5	75.4	78.2	80.0	81.2
July	73.6	72.8	71.7	70.6	69.6	68.7	68.9	71.7	74.8	77.6	80.0	81.6	83.0
Aug	72.8	71.7	70.9	70.0	69.0	68.3	68.1	69.4	72.5	75.7	78.7	81.1	82.6
Sept....	67.9	67.1	66.5	65.9	65.2	64.7	64.4	65.1	67.6	70.2	72.5	75.0	76.6
Oct	54.6	53.6	53.0	52.4	51.3	50.6	50.1	50.3	52.1	54.7	57.3	60.1	62.2
Nov	39.0	38.8	38.2	37.8	37.4	36.9	36.6	36.4	37.1	38.5	40.6	42.6	43.7
Dec	37.2	36.7	36.1	35.6	35.1	34.5	34.1	33.8	34.3	35.4	36.7	38.3	39.3
Year ...	53.4	52.7	52.0	51.3	50.6	50.0	49.8	50.8	52.6	54.6	56.8	58.8	60.2

CLEVELAND, OHIO.

[λ = 41° 30′ N.; φ = 81° 42′ W.]

Jan	31.1	30.9	31.0	31.1	30.9	30.5	30.4	30.7	30.5	31.4	32.5	32.8	33.2
Feb	26.0	25.3	24.7	24.1	23.8	23.5	23.0	22.6	23.0	24.2	25.4	26.8	27.8
Mar	40.3	40.0	39.6	39.0	38.7	38.3	37.4	38.2	39.2	41.5	43.4	44.8	45.9
Apr	45.8	44.9	43.9	43.3	42.5	42.4	42.6	44.2	45.9	47.7	49.3	49.2	49.7
May	54.3	54.0	53.5	53.2	52.8	52.6	53.3	56.1	57.5	58.9	60.0	60.6	61.1
June ...	64.7	64.0	63.1	62.4	61.7	61.1	62.5	66.5	68.7	70.7	72.1	72.9	73.6
July	69.4	68.7	67.8	67.0	66.4	66.4	67.3	71.0	73.4	75.5	76.7	77.6	78.0
Aug	65.9	65.3	64.5	63.8	63.0	62.4	62.7	65.6	68.3	71.6	72.9	73.6	73.9
Sept....	63.5	63.1	62.7	62.2	61.7	61.2	61.1	63.1	65.7	68.7	70.7	72.1	72.5
Oct	51.6	51.4	50.6	49.7	49.1	48.7	48.5	49.7	51.1	54.1	55.7	57.3	58.0
Nov	36.5	35.9	35.3	35.2	35.0	35.1	35.0	35.0	35.5	36.8	38.1	39.3	40.0
Dec	33.5	33.5	33.2	33.0	32.9	32.6	32.6	32.5	32.7	33.2	34.1	35.1	35.6
Year ...	48.6	48.1	47.9	47.0	46.5	46.2	46.4	47.9	49.3	51.2	52.6	53.5	54.1

DETROIT, MICH.

[λ = 42° 20′ N.; φ = 83° 3′ W.]

Jan	29.1	28.8	28.4	28.2	27.7	27.4	27.3	27.2	27.3	28.0	29.0	30.2	31.0
Feb	22.1	21.9	21.5	21.1	20.6	20.2	19.8	19.6	20.1	21.4	23.2	24.8	25.7
Mar	38.8	37.9	37.5	37.1	36.5	36.0	35.7	36.5	37.4	39.0	40.5	42.1	43.4
Apr	43.5	42.8	42.4	41.5	40.9	40.3	40.6	43.2	44.9	47.2	49.0	50.3	51.9
May	52.3	51.5	51.2	50.9	50.6	50.7	51.3	53.4	55.0	57.4	59.0	60.1	61.1
June ...	64.9	64.3	63.9	63.3	62.6	62.5	63.7	66.7	69.1	71.7	74.1	76.0	77.4
July	68.8	67.9	67.2	66.4	65.8	65.4	66.8	70.4	72.4	74.9	77.3	79.3	80.6
Aug	65.2	64.5	63.6	62.8	62.2	61.8	62.0	66.4	66.7	69.6	72.4	75.0	76.1
Sept....	62.3	61.9	61.7	61.1	60.6	60.0	60.0	62.2	64.7	67.1	68.3	70.1	71.2
Oct.....	49.4	49.2	48.9	48.3	47.7	47.3	46.9	47.9	49.2	51.3	53.1	54.3	55.6
Nov	33.9	33.7	33.2	32.8	32.5	32.2	31.9	31.9	32.6	33.9	35.1	36.0	37.0
Dec ..	31.3	31.0	30.8	30.5	30.4	30.3	30.0	29.9	30.1	31.1	32.2	33.4	34.3
Year....	46.8	46.3	45.9	45.3	44.8	44.5	44.7	46.1	47.5	49.4	51.1	52.6	53.8

DODGE CITY, KANS.

[λ = 37° 45′ N.; φ = 100° 0′ W.]

Jan	25.7	24.5	23.5	22.6	21.9	21.0	19.9	19.0	19.1	21.1	27.4	31.6	35.4
Feb	20.4	20.0	19.5	18.8	17.9	17.5	17.0	16.6	16.4	18.1	22.1	25.0	28.4
Mar	40.7	39.5	38.4	37.3	36.1	35.0	34.4	33.7	36.0	40.8	45.3	49.2	52.5
Apr	51.7	50.8	49.3	48.3	46.7	45.9	45.3	46.5	50.9	55.1	59.7	63.3	66.8
May....	58.3	57.1	55.8	55.3	54.3	53.4	53.4	56.9	59.6	63.3	66.8	69.8	72.7
June ...	65.6	65.0	63.8	62.9	61.8	61.2	61.4	66.0	68.7	72.8	76.8	80.0	82.1
July	71.5	70.8	70.0	68.9	68.0	67.1	66.5	68.8	72.6	76.4	80.7	84.5	87.2
Aug	70.5	69.6	68.3	67.2	65.7	65.0	64.3	65.7	68.9	73.7	78.0	81.8	83.8
Sept....	63.6	62.5	61.6	60.4	59.5	59.0	58.6	58.6	61.1	64.8	69.4	72.5	75.0
Oct	53.4	52.5	51.4	50.4	49.4	48.2	47.5	46.6	48.7	54.8	60.6	64.6	67.1
Nov	38.1	37.0	35.5	34.7	34.0	33.4	33.0	32.5	32.7	36.4	42.5	47.2	51.1
Dec	29.8	29.2	28.5	27.8	27.3	26.5	25.5	25.0	24.9	26.4	30.4	35.0	38.6
Year....	49.1	48.2	47.1	46.2	45.2	44.4	43.9	44.7	46.6	50.3	55.0	58.7	61.7

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

CINCINNATI, OHIO.

[h_t = 153 ft.; local time, 38^m slow.]

2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Mean max.	Mean min.	1894.
41.2	42.2	42.5	42.2	41.6	40.7	39.7	38.8	38.0	37.4	37.0	37.7	45.0	30.4	Jan.
36.2	37.2	37.8	37.9	37.4	36.6	35.8	34.9	34.0	33.0	32.5	33.0	39.7	26.1	Feb.
53.5	54.6	55.4	55.2	54.7	53.6	52.2	50.8	49.8	48.8	47.8	48.7	57.2	39.9	Mar.
59.6	60.6	61.0	60.9	60.4	59.8	58.4	57.3	55.7	54.4	53.3	54.7	62.6	45.7	Apr.
68.2	68.9	69.0	68.8	68.7	67.9	65.9	64.6	63.1	61.5	60.1	63.0	71.7	54.4	May.
81.3	82.1	82.1	81.9	81.8	81.0	79.0	77.4	74.9	73.2	71.7	74.8	85.1	64.5	June.
83.6	84.8	85.5	85.6	85.0	84.5	82.3	80.8	78.9	76.9	75.3	77.8	87.3	67.3	July.
83.6	84.5	84.8	85.2	84.4	82.3	80.0	78.7	76.8	75.3	73.9	76.7	87.1	66.3	Aug.
77.2	78.1	78.6	77.9	77.2	75.6	73.4	72.2	70.8	69.5	68.6	71.2	80.4	62.7	Sept.
63.6	64.8	65.1	64.9	64.1	62.3	60.0	58.7	57.2	56.0	55.0	57.3	66.6	48.1	Oct.
44.9	46.0	46.6	46.6	46.0	44.8	43.6	42.1	41.2	40.3	39.8	41.1	48.6	34.2	Nov.
40.1	41.0	41.3	41.3	40.9	40.0	39.1	38.4	37.6	37.2	36.5	37.5	43.4	31.6	Dec.
61.1	62.1	62.5	62.4	61.8	60.8	59.1	57.9	56.5	55.5	54.3	56.1	64.6	47.6	Year.

CLEVELAND, OHIO.

[h_t = 122 ft.; local time, 27^m slow.]

34.1	34.5	35.0	34.5	33.8	33.4	32.4	31.9	32.0	31.6	31.1	32.1	38.0	26.6	Jan.
28.6	29.0	29.6	29.6	29.2	28.8	28.2	28.0	27.9	27.4	27.0	26.4	32.0	20.4	Feb.
46.9	47.0	47.2	47.3	46.6	44.8	43.9	43.5	42.7	41.5	41.0	42.4	50.4	34.2	Mar.
50.6	51.0	51.1	51.8	50.9	50.2	49.6	49.0	48.3	47.5	47.0	47.4	54.6	39.9	Apr.
61.9	62.6	61.5	61.3	61.1	60.4	58.9	58.1	57.2	56.6	55.5	57.6	66.3	49.7	May.
74.5	74.7	74.8	75.0	74.6	74.2	73.0	70.8	69.3	67.7	66.5	69.1	78.5	59.7	June.
77.2	78.1	78.8	79.0	78.4	78.0	76.5	74.6	73.1	71.3	70.3	73.3	81.8	64.5	July.
73.8	73.7	73.6	73.8	74.0	73.2	71.9	70.4	69.0	67.4	66.2	69.2	76.3	60.8	Aug.
72.1	71.2	71.5	71.5	70.1	69.4	68.0	66.5	65.4	64.7	64.2	66.8	75.0	58.9	Sept.
58.9	58.7	59.3	58.7	57.5	56.5	55.0	54.4	53.3	52.6	51.8	53.8	61.5	46.3	Oct.
40.5	40.6	40.6	40.2	39.7	39.1	38.4	38.2	37.9	37.5	36.9	37.6	43.6	31.4	Nov.
36.2	36.5	36.5	36.4	35.8	34.8	34.3	34.0	33.8	33.4	33.0	34.1	39.2	29.1	Dec.
54.6	54.8	55.0	54.9	54.3	53.6	52.5	51.6	50.8	49.9	49.2	50.8	58.1	43.5	Year.

DETROIT, MICH.

[h_t = 158 ft.; local time, 32^m slow.]

31.7	32.4	32.5	32.3	31.6	31.2	31.1	30.6	30.1	29.5	29.1	29.7	35.7	24.1	Jan.
26.6	27.4	27.8	27.8	27.1	26.4	25.7	25.1	24.7	24.0	23.4	23.7	29.9	17.2	Feb.
44.6	45.1	45.4	45.2	44.6	43.4	42.2	41.3	40.6	39.9	39.3	40.4	47.8	33.0	Mar.
52.9	53.0	52.9	52.6	51.9	50.7	48.7	47.2	46.4	45.6	44.7	46.9	55.8	39.3	Apr.
62.1	61.8	61.9	61.5	60.5	59.5	57.5	55.8	54.5	53.5	52.3	56.1	64.5	48.0	May.
78.1	79.2	79.7	78.6	76.4	74.9	72.2	70.4	69.3	68.3	67.0	70.6	81.3	60.0	June.
81.6	81.8	81.4	81.3	80.5	78.5	76.1	73.5	72.0	70.5	69.5	73.8	84.0	63.8	July.
77.2	77.6	77.8	77.8	75.8	73.8	71.4	69.8	68.3	67.1	66.0	69.5	79.2	59.6	Aug.
72.0	72.3	72.0	72.1	70.8	68.8	67.0	65.4	64.2	63.3	62.4	65.9	75.1	57.4	Sept.
56.4	56.6	56.8	56.2	55.2	53.9	52.7	51.8	51.2	50.7	50.1	51.7	58.5	45.0	Oct.
37.5	37.9	37.9	37.4	37.1	36.7	36.1	35.4	34.9	34.3	34.1	34.8	40.5	29.4	Nov.
35.0	35.5	35.2	34.3	33.6	33.1	33.0	32.4	32.1	31.6	31.0	32.2	37.3	27.5	Dec.
54.6	55.0	55.1	54.8	53.8	52.6	51.1	49.9	49.0	48.2	47.4	49.6	57.5	42.0	Year.

DODGE CITY, KANS.

[h_t = 44 ft.; local time, 1^h 40^m slow.]

38.5	40.9	41.9	42.5	41.3	37.2	32.2	29.9	28.5	27.3	26.0	29.1	44.6	16.9	Jan.
30.1	31.6	32.8	32.9	32.4	31.0	27.7	26.0	24.9	23.2	22.2	23.8	34.9	13.7	Feb.
54.7	56.8	58.4	58.6	58.4	56.2	50.8	47.1	44.9	43.4	42.3	45.4	59.9	32.3	Mar.
68.6	70.0	70.9	71.2	70.5	68.2	63.8	59.7	57.0	54.8	53.3	57.8	71.8	43.5	Apr.
74.4	76.0	77.0	77.1	76.6	75.3	71.5	66.7	63.6	61.5	59.6	64.8	78.0	51.8	May.
83.1	83.7	85.2	85.0	85.1	83.8	80.7	77.1	73.4	70.6	68.6	73.5	86.9	60.0	June.
88.7	90.1	90.2	89.4	88.2	87.2	84.5	80.9	77.1	74.0	72.5	78.2	92.3	64.7	July.
85.4	86.7	87.6	87.9	88.0	86.5	82.7	79.1	76.5	73.8	71.8	76.2	89.2	62.6	Aug.
76.7	78.2	79.2	79.5	78.9	77.2	72.7	70.2	67.9	65.8	64.5	68.2	81.0	56.5	Sept.
68.9	70.7	71.6	71.5	70.8	67.6	62.1	59.3	57.8	56.0	54.1	58.6	74.0	44.9	Oct.
54.0	56.3	57.0	56.5	54.8	49.8	45.8	43.8	42.3	40.6	39.2	42.8	59.2	29.6	Nov.
40.9	42.8	43.9	43.7	42.1	38.4	35.2	34.0	32.7	31.5	30.0	32.9	45.9	23.0	Dec.
63.7	65.3	66.3	66.3	65.6	63.2	59.1	56.2	53.9	51.9	50.3	54.3	68.1	41.6	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[λ=44° 54′ N.; φ=66° 59′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	21.1	20.8	20.5	20.2	19.8	19.2	18.8	18.7	19.5	20.4	21.4	22.5	23.2
Feb	18.2	17.9	17.4	17.5	17.1	16.8	16.7	17.1	18.0	19.6	20.9	22.1	22.8
Mar	31.6	31.5	31.3	30.8	30.8	30.5	31.2	31.8	32.9	34.1	34.7	35.4	35.9
Apr	35.6	35.4	34.9	34.7	34.6	35.0	36.3	37.6	38.9	39.8	40.7	41.9	42.4
May	43.9	43.3	42.5	42.0	41.9	42.7	44.0	45.4	47.1	48.2	49.4	50.5	51.7
June	48.7	48.4	48.0	47.7	48.0	48.7	49.6	51.6	53.0	53.9	55.1	55.4	55.8
July	54.9	54.8	54.8	54.5	55.1	57.0	58.7	61.0	63.0	64.3	65.4	66.1	65.4
Aug	53.8	53.5	53.2	53.0	53.0	53.9	55.9	58.4	60.5	61.6	62.5	63.5	63.8
Sept	53.2	52.8	52.1	52.2	51.8	52.4	53.6	55.0	56.6	58.1	59.7	60.6	60.6
Oct	46.4	46.1	45.7	45.6	45.5	45.3	46.2	47.4	48.6	49.9	51.1	51.5	51.5
Nov	34.2	33.7	33.5	33.2	33.2	33.2	33.5	34.4	35.3	35.8	36.5	37.0	37.6
Dec	26.8	26.7	26.4	26.1	25.8	25.5	25.3	25.4	26.3	27.4	28.5	29.4	30.6
Year	39.0	38.7	38.4	38.1	38.0	38.4	39.2	40.3	41.6	42.8	43.8	44.7	45.1

GALVESTON, TEX.

[λ=29° 18′ N.; φ=94° 50′ W.]

Jan	57.9	57.6	57.1	57.1	56.8	56.7	56.6	56.3	55.9	57.0	58.1	58.8	59.6
Feb	52.7	52.4	52.1	51.8	51.3	50.9	50.9	50.8	51.1	51.6	52.5	53.6	54.5
Mar	61.4	61.4	60.9	60.8	60.6	60.5	60.3	60.5	61.0	62.0	62.9	63.8	64.5
Apr	70.0	70.0	69.6	69.5	69.2	69.1	69.0	69.2	69.9	71.0	72.1	72.6	73.0
May	75.2	75.0	75.0	74.6	74.4	74.2	74.0	74.8	75.8	76.8	77.5	78.3	78.6
June	77.5	77.4	77.2	77.2	76.9	76.8	76.6	77.5	78.0	78.6	79.0	78.9	79.2
July	80.2	80.0	79.6	79.4	79.2	78.7	78.3	79.3	80.2	80.7	81.6	82.5	82.5
Aug	79.2	79.2	79.1	79.0	78.8	78.3	78.0	78.4	79.1	79.9	80.1	80.9	81.2
Sept	79.2	79.0	78.9	78.6	78.3	78.0	77.5	77.8	78.6	79.5	80.5	81.1	81.5
Oct	73.2	72.8	72.7	72.2	71.8	71.2	71.2	71.2	72.0	73.2	74.6	75.4	76.3
Nov	62.9	62.7	62.2	61.8	61.5	60.9	60.7	60.7	61.0	62.1	63.5	64.7	65.8
Dec	58.9	58.5	57.8	57.2	56.8	56.5	56.1	55.9	55.9	56.7	58.2	59.2	60.3
Year	69.0	68.8	68.5	68.3	68.0	67.6	67.4	67.7	68.2	69.1	70.0	70.8	71.4

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.]

Jan	10.3	10.9	10.8	10.3	11.5	11.2	9.8	9.0	8.7	8.8	10.2	11.7	13.1
Feb	12.5	12.3	11.6	11.4	11.9	11.5	11.3	10.6	10.3	11.0	13.1	15.4	17.6
Mar	25.0	24.5	23.6	22.9	22.5	22.0	21.2	21.0	20.8	22.7	26.0	28.4	30.4
Apr	42.3	41.6	40.7	39.6	38.0	37.9	36.7	36.8	39.4	43.2	46.6	49.1	51.6
May	49.6	48.2	47.2	46.5	45.5	44.7	44.8	46.7	50.4	53.3	56.7	59.3	61.6
June	57.7	56.8	55.5	54.8	53.6	52.4	52.7	54.6	58.1	60.7	63.6	65.8	67.8
July	65.6	63.7	61.4	59.3	57.0	55.4	53.9	57.5	62.9	67.5	72.7	76.4	79.2
Aug	64.8	63.2	61.1	59.1	58.1	56.7	55.2	55.3	58.8	63.7	69.6	74.5	78.6
Sept	49.3	48.2	47.8	47.3	46.1	44.8	44.3	44.0	45.2	48.0	54.1	57.6	60.9
Oct	40.7	40.4	39.6	39.1	38.0	37.4	37.3	37.1	37.0	39.3	43.1	45.9	48.7
Nov	30.7	30.3	29.1	28.7	29.1	29.2	28.6	27.9	27.9	28.4	30.3	32.8	36.1
Dec	22.7	22.0	21.8	21.3	20.4	19.9	18.9	18.5	17.6	17.3	18.4	21.0	24.3
Year	39.3	38.5	37.5	36.7	36.0	35.3	34.6	34.9	36.4	38.7	42.0	44.8	47.5

KANSAS CITY, MO.

[λ=39° 5′ N.; φ=94° 37′ W.]

Jan	28.1	27.2	26.6	26.2	25.4	24.9	24.5	24.3	24.2	25.0	26.8	29.0	31.4
Feb	25.1	24.3	23.8	23.4	23.0	22.9	22.6	22.2	22.5	23.5	25.0	26.8	28.2
Mar	44.9	44.3	43.5	42.6	41.6	40.7	40.2	39.7	40.8	42.9	45.6	48.3	50.4
Apr	55.1	53.9	52.9	52.2	51.0	50.0	49.5	49.5	50.5	52.9	55.4	57.8	59.7
May	62.2	61.5	60.4	59.8	59.5	58.3	57.5	58.3	59.9	62.4	64.8	66.7	68.3
June	71.4	70.6	69.9	69.2	68.4	67.8	67.5	68.6	71.3	73.5	76.6	78.6	80.2
July	74.3	73.2	72.4	71.5	70.7	70.1	69.8	70.7	73.1	75.5	77.8	80.0	81.5
Aug	75.0	74.0	72.7	71.7	71.2	70.1	69.5	70.0	72.7	75.9	79.5	82.0	83.7
Sept	65.8	64.9	64.5	63.9	62.8	62.2	61.7	61.5	62.9	65.8	69.2	71.4	73.3
Oct	56.1	55.4	54.8	54.1	53.4	52.6	52.0	51.0	52.0	54.8	57.9	61.1	63.4
Nov	40.2	39.3	38.7	38.2	37.6	36.9	36.3	35.2	35.3	36.7	39.8	42.6	44.7
Dec	35.4	34.9	34.2	33.8	33.1	32.8	32.2	31.8	31.4	32.7	35.2	37.8	39.6
Year	52.8	52.0	51.2	50.6	49.8	49.1	48.6	48.6	49.7	51.8	54.5	56.8	58.7

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

EASTPORT, ME.

[h_t = 69 ft.; local time, 32m fast.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
24.3	24.4	24.4	24.0	23.6	23.2	22.7	22.3	21.7	21.1	20.9	21.6	28.7	13.8	Jan.
23.6	23.9	23.6	23.0	22.0	21.4	21.1	20.4	19.9	19.5	19.2	20.0	25.9	12.1	Feb.
36.3	36.2	36.1	35.8	35.5	34.8	34.2	33.5	32.9	32.5	32.2	33.4	38.2	28.6	Mar.
42.7	42.8	42.5	41.8	40.6	39.6	38.7	37.6	37.2	36.5	36.2	38.5	44.8	33.1	Apr.
51.7	51.6	51.1	50.3	49.5	48.2	47.1	46.3	45.7	45.1	44.6	46.8	54.4	40.8	May.
55.9	56.0	54.5	54.0	53.2	52.0	50.9	49.9	49.4	49.4	49.4	51.6	59.6	45.7	June.
65.5	65.0	64.9	63.6	61.5	59.8	58.9	57.0	56.8	55.7	55.4	60.0	69.9	51.4	July.
64.2	63.6	62.8	62.0	60.6	58.5	57.4	56.5	55.9	55.0	54.4	58.2	66.9	51.4	Aug.
61.0	60.0	59.6	58.5	56.9	55.6	55.5	54.9	54.7	54.2	53.6	56.0	62.9	50.5	Sept.
51.4	51.3	50.5	49.8	49.2	48.7	48.5	48.0	47.8	47.4	47.0	48.3	53.6	43.7	Oct.
37.8	37.4	37.1	36.4	36.0	35.7	35.0	34.6	34.2	33.9	33.6	35.1	39.9	29.1	Nov.
31.3	31.2	30.7	30.5	30.3	29.8	29.5	29.2	28.7	28.1	27.5	28.2	33.6	21.1	Dec.
45.5	45.3	44.8	44.1	43.2	42.3	41.6	40.8	40.4	39.9	39.5	41.5	48.2	35.1	Year.

GALVESTON, TEX.

[h_t = 85 ft.; local time, 1h 19m slow.]

60.1	60.6	60.7	60.7	60.2	59.6	59.3	59.2	58.9	58.8	58.7	58.4	62.9	53.1	Jan.
55.3	55.8	56.1	56.1	55.9	54.9	54.2	54.0	53.3	53.0	52.6	53.2	59.1	47.9	Feb.
64.9	65.2	64.9	64.6	64.1	63.9	63.3	63.0	62.3	62.0	61.9	62.5	67.9	58.4	Mar.
73.4	73.4	73.4	73.1	72.8	72.1	71.4	71.1	70.9	70.5	70.3	71.1	75.7	68.0	Apr.
78.7	78.7	78.9	78.7	78.3	77.9	76.9	76.5	76.0	75.7	75.5	76.5	80.7	73.2	May.
79.5	79.9	79.6	79.6	79.6	79.3	78.9	78.2	78.0	77.9	77.9	78.3	82.5	74.7	June.
82.8	83.3	83.4	83.2	82.7	82.3	81.4	81.0	80.7	80.5	80.2	81.0	85.7	76.9	July.
81.6	81.9	81.2	81.3	80.8	80.4	80.0	79.5	79.4	79.5	79.4	79.8	84.6	75.7	Aug.
82.0	82.1	82.3	82.0	81.4	80.8	80.2	80.0	79.7	79.6	79.4	79.9	84.4	75.7	Sept.
76.6	77.0	77.0	76.6	75.9	75.0	74.8	74.5	74.2	73.5	73.1	74.0	79.2	69.6	Oct.
66.6	66.5	66.7	66.3	65.9	65.2	64.7	64.2	63.9	63.3	62.9	63.6	68.7	58.9	Nov.
60.8	61.4	61.5	61.4	60.8	60.2	59.7	59.5	59.4	59.1	58.6	58.8	63.5	54.0	Dec.
71.9	72.2	72.1	72.0	71.5	71.0	70.4	70.1	69.7	69.4	69.2	69.8	74.6	65.5	Year.

HAVRE, MONT.

[h_t = 15 ft.; local time, 2h 19m slow.]

15.2	16.6	17.5	17.8	17.0	14.5	13.2	12.2	11.4	10.8	10.8	12.2	21.0	1.5	Jan.
19.8	21.6	22.9	23.4	23.0	21.5	19.0	17.4	16.4	15.0	14.0	15.6	25.5	5.0	Feb.
32.2	34.3	35.3	35.9	36.1	35.5	33.1	30.5	28.3	27.1	25.8	27.7	38.5	17.2	Mar.
53.3	54.7	55.3	56.5	56.9	56.3	54.9	51.5	47.4	45.2	43.9	46.6	58.4	34.2	Apr.
63.4	64.9	66.0	66.7	66.5	65.2	64.4	61.7	58.0	55.0	52.8	55.8	68.3	42.8	May.
68.8	70.3	71.2	72.1	72.1	71.1	70.1	68.3	64.8	61.8	59.0	62.7	73.5	50.6	June.
81.5	82.6	83.9	84.9	84.8	85.0	84.0	81.8	77.2	71.6	68.2	71.6	86.7	52.4	July.
81.0	82.7	84.4	85.4	85.6	85.0	82.7	78.6	73.3	69.7	67.3	70.6	86.5	52.8	Aug.
63.3	64.7	66.3	66.4	66.5	65.0	62.2	57.5	54.7	53.2	50.8	54.5	67.9	41.8	Sept.
51.0	52.9	54.5	54.8	54.3	51.9	48.6	45.7	43.9	42.4	40.1	44.3	56.5	33.5	Oct.
38.5	39.9	40.3	40.6	40.4	37.5	35.3	33.9	33.2	32.5	32.0	33.1	43.9	21.6	Nov.
26.7	28.5	29.7	29.8	28.4	25.9	25.1	23.6	23.4	23.6	23.2	23.0	32.7	14.0	Dec.
49.6	51.1	52.3	52.9	52.6	51.2	49.4	46.9	44.3	42.3	40.7	43.1	55.0	30.6	Year.

KANSAS CITY, MO.

[h_t = 78 ft.; local time, 1h 18m slow.]

33.3	34.6	35.4	35.2	34.5	33.2	32.1	31.3	30.3	29.2	28.5	29.2	38.1	21.2	Jan.
29.4	30.9	31.6	31.8	31.5	30.6	29.8	28.9	27.7	26.8	26.3	26.6	34.4	19.9	Feb.
52.5	53.6	54.4	54.9	54.5	53.4	51.9	50.1	48.9	47.3	46.3	47.2	58.3	37.4	Mar.
61.5	62.8	63.5	64.1	64.4	63.5	62.3	60.3	58.9	57.6	56.4	56.9	67.4	47.2	Apr.
69.5	70.7	71.7	72.5	72.4	71.5	70.1	68.6	66.9	64.9	63.6	65.1	74.8	55.0	May.
81.4	82.1	82.4	82.6	81.7	81.0	79.5	77.5	75.9	74.4	73.6	75.2	85.6	64.3	June.
82.9	83.7	84.3	84.8	84.5	83.4	81.8	80.5	78.7	76.9	75.5	77.4	86.8	66.9	July.
85.1	86.2	87.0	87.4	86.9	86.0	83.3	81.1	79.4	77.6	76.2	78.5	89.5	67.1	Aug.
74.8	75.8	76.7	76.9	76.1	73.7	71.2	69.6	67.9	66.7	65.7	68.5	79.1	59.1	Sept.
64.7	66.0	66.8	67.0	66.6	64.6	62.5	61.2	59.8	58.1	57.0	58.9	69.8	48.9	Oct.
46.4	48.0	49.0	49.0	48.1	46.8	45.0	43.9	43.0	41.8	40.8	41.8	51.3	33.2	Nov.
41.9	43.5	44.2	43.8	42.5	40.8	39.6	38.3	37.4	36.4	35.9	37.0	45.3	30.3	Dec.
60.3	61.5	62.2	62.5	62.0	60.7	59.1	57.6	56.2	54.8	53.8	55.2	65.0	45.9	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[λ = 24° 34′ N., φ = 81° 49′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	69.5	69.5	69.6	69.3	69.2	69.2	69.0	69.4	70.8	72.2	73.3	73.6	74.1
Feb	69.9	69.9	69.9	70.0	69.9	69.7	69.7	70.5	72.3	73.4	74.5	75.3	75.6
Mar	71.6	71.5	71.4	71.3	71.3	71.0	71.3	72.7	74.1	75.1	76.1	76.5	76.6
Apr	73.9	73.8	73.6	73.5	73.4	73.3	74.3	75.8	77.4	78.1	79.1	79.4	79.9
May	75.7	75.3	75.3	75.2	75.2	74.9	76.8	77.8	78.6	79.3	80.0	80.0	80.7
June	78.3	78.1	78.2	78.1	78.4	78.4	79.0	80.3	81.2	81.7	82.8	83.0	83.1
July	80.3	79.9	79.6	79.5	79.3	79.3	81.1	83.0	84.1	84.8	85.3	85.5	85.1
Aug	81.2	81.0	80.7	80.5	80.4	80.4	81.4	83.9	84.4	85.5	86.4	86.4	86.7
Sept	80.3	79.7	80.3	80.1	79.8	79.4	80.1	81.8	82.8	83.9	84.6	84.1	84.5
Oct	77.0	76.6	76.9	76.6	76.5	76.5	76.7	77.5	78.5	79.4	79.7	80.4	80.1
Nov	72.5	72.5	72.3	72.3	71.9	71.7	71.7	72.6	73.8	74.6	75.2	75.7	75.6
Dec	68.8	68.9	68.7	68.3	68.2	68.0	67.8	68.2	69.0	69.9	70.6	71.0	71.4
Year	74.9	74.7	74.7	74.6	74.5	74.3	74.9	76.1	77.2	78.2	79.0	79.2	79.4

MARQUETTE, MICH.

[λ = 46° 34′ N.; φ = 87° 24′ W.]

Jan	18.0	18.0	17.9	17.7	17.6	17.4	17.2	16.9	16.7	17.3	18.4	19.5	20.5
Feb	15.8	15.3	14.7	14.1	13.4	12.8	12.3	12.0	12.7	13.9	16.0	17.9	19.3
Mar	29.6	30.0	29.5	29.3	29.0	28.5	28.4	28.7	29.4	30.5	31.2	32.5	33.2
Apr	37.4	37.4	37.0	36.6	36.2	36.6	37.2	38.8	40.1	41.8	43.0	43.5	44.2
May	45.8	45.5	45.2	44.7	44.4	44.2	44.7	46.0	47.2	47.5	47.7	48.1	48.2
June	61.1	60.6	60.9	60.1	59.4	60.3	62.1	64.2	64.7	64.5	65.8	65.6	67.0
July	64.4	63.6	63.2	62.7	62.0	62.1	63.4	65.9	67.3	68.2	69.9	70.3	70.9
Aug	58.2	57.9	57.6	57.4	57.0	57.2	57.8	59.5	61.2	62.3	63.5	64.5	65.5
Sept	59.3	58.6	58.6	58.1	57.3	56.4	55.9	56.6	58.5	60.7	63.5	65.5	66.3
Oct	45.7	45.5	45.3	45.0	44.9	44.6	44.4	44.8	45.8	47.6	49.3	50.4	51.4
Nov	27.4	27.2	27.1	26.8	26.8	26.9	26.9	27.2	27.4	28.0	29.0	30.0	30.5
Dec	27.4	27.0	26.6	26.1	26.2	26.3	26.3	26.2	26.1	26.7	28.2	29.4	30.4
Year	40.8	40.6	40.3	39.9	39.5	39.4	39.7	40.6	41.4	42.4	43.8	44.8	45.6

MEMPHIS, TENN.

[λ = 35° 9′ N.; φ = 90° 3′ W.]

Jan	43.8	42.9	42.0	41.4	40.9	40.3	39.7	39.3	39.5	41.3	44.0	46.8	48.7
Feb	39.8	39.5	38.8	38.2	37.8	37.2	36.5	36.5	36.8	37.9	39.2	40.4	41.8
Mar	53.5	52.6	51.9	51.6	50.9	50.2	49.9	50.0	50.9	53.0	55.4	57.7	59.0
Apr	59.2	58.2	57.4	56.6	55.6	54.8	55.0	56.7	58.3	60.8	62.9	65.4	66.9
May	65.5	64.0	63.0	62.5	62.0	61.4	62.1	64.1	65.8	67.9	69.3	71.1	71.9
June	72.0	71.2	70.7	70.0	69.2	68.8	69.7	72.3	75.0	77.8	80.5	83.1	84.4
July	73.4	72.5	71.4	70.8	70.5	70.0	71.0	73.8	75.7	78.2	80.3	82.3	83.2
Aug	74.2	73.5	72.5	72.2	71.6	71.1	71.2	73.4	75.3	77.7	79.9	82.0	83.0
Sept	69.5	69.1	68.7	68.1	67.6	67.1	66.9	68.1	70.1	73.3	76.1	78.4	79.1
Oct	59.7	59.0	58.0	57.2	56.2	55.6	54.7	55.0	57.6	61.4	65.2	68.3	70.0
Nov	47.6	46.6	45.7	45.1	44.3	43.8	43.4	42.9	44.3	46.9	50.0	52.7	54.9
Dec	44.3	43.6	42.9	42.4	42.0	41.6	41.1	40.9	41.5	43.2	44.9	46.9	47.8
Year	58.5	57.7	56.9	56.3	55.7	55.2	55.1	56.1	57.6	60.0	62.3	64.6	65.9

NEW ORLEANS, LA.

[λ = 29° 58′ N.; φ = 90° 4′ W.]

Jan	55.3	54.9	54.4	54.1	53.6	53.2	52.9	53.1	53.4	54.7	56.7	58.5	60.2
Feb	52.9	52.7	52.2	51.7	51.2	50.9	50.6	50.7	50.9	52.0	53.2	54.9	55.5
Mar	60.5	59.8	59.4	59.2	58.6	58.4	57.7	58.2	59.1	60.9	63.1	64.7	66.0
Apr	66.5	66.0	65.7	65.6	65.3	65.1	65.0	66.2	68.4	70.7	72.7	74.2	75.3
May	71.0	70.6	70.1	69.9	69.6	69.4	70.1	72.6	75.1	77.2	78.2	79.5	80.1
June	74.2	73.6	73.4	73.0	72.8	72.9	73.5	75.5	78.1	80.1	81.5	81.5	81.4
July	75.8	75.5	75.1	74.9	74.6	74.5	75.4	77.2	79.4	80.6	81.3	82.4	82.0
Aug	76.0	75.6	75.2	75.0	74.8	74.6	74.9	76.6	78.7	80.7	81.9	83.2	83.2
Sept	75.8	75.5	75.0	74.9	74.6	74.2	74.3	75.5	78.2	80.4	81.8	83.0	83.7
Oct	66.6	65.9	65.3	64.6	64.4	63.8	63.4	64.4	67.1	70.6	73.3	75.1	76.3
Nov	57.1	57.0	56.5	56.2	55.7	55.3	54.9	54.9	56.1	58.9	61.6	63.8	65.3
Dec	55.3	55.1	54.7	54.3	53.4	53.0	52.7	52.5	52.5	54.6	57.5	59.9	61.8
Year	65.6	65.2	64.8	64.4	64.0	63.8	63.8	64.8	66.4	68.4	70.3	71.7	72.6

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

KEY WEST, FLA.

[h_t = 42 ft.; local time, 27^m slow.]

2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Mean max.	Mean min.	1894.
73.9	73.5	73.2	72.4	71.1	70.4	70.3	69.9	69.9	69.7	69.6	70.9	74.9	67.1	Jan.
75.6	75.4	75.0	74.3	73.3	71.8	71.3	71.1	70.8	70.5	70.2	72.1	76.7	67.8	Feb.
76.7	76.4	76.0	75.5	74.5	73.2	72.5	72.3	72.0	71.8	71.7	73.5	78.2	69.6	Mar.
79.7	79.6	79.2	78.5	77.1	75.8	75.2	75.0	74.8	74.5	74.3	76.2	80.7	72.4	Apr.
81.1	81.2	80.5	79.8	79.1	77.7	77.1	76.9	76.6	76.3	76.1	77.8	82.5	73.4	May.
82.8	82.5	82.4	81.9	81.2	80.0	79.4	78.9	79.0	78.6	78.6	80.2	84.5	75.7	June.
85.5	85.4	84.6	84.5	83.7	82.7	82.0	81.6	81.0	80.9	80.7	82.5	87.5	77.2	July.
87.2	86.8	86.3	85.2	84.3	83.3	82.6	82.1	82.0	81.7	81.4	83.4	88.7	78.6	Aug.
84.7	84.6	84.5	83.6	82.4	81.2	81.0	80.8	80.4	80.7	80.6	81.9	86.3	76.4	Sept.
80.1	80.1	79.7	79.6	78.6	78.2	78.0	77.5	77.0	77.1	77.0	78.1	81.5	73.9	Oct.
75.8	75.9	75.8	75.1	74.1	73.9	73.6	73.5	73.3	73.0	72.8	73.7	76.9	70.2	Nov.
71.6	71.5	71.3	70.7	69.8	69.5	69.4	69.2	69.1	68.8	68.4	69.5	72.8	66.1	Dec.
79.6	79.4	79.0	78.4	77.4	76.5	76.0	75.7	75.5	75.3	75.1	76.6	80.9	72.4	Year.

MARQUETTE, MICH.

[h_t = 67 ft.; local time, 49^m slow.]

20.9	21.7	21.8	21.7	20.7	19.6	19.2	18.5	18.2	18.4	18.2	18.8	25.5	12.3	Jan.
20.4	21.1	21.5	21.1	20.7	19.7	18.9	18.0	17.8	17.5	16.9	16.8	24.4	8.5	Feb.
34.2	34.6	33.9	33.0	32.5	31.6	31.0	30.6	30.3	30.0	29.6	30.9	37.0	24.4	Mar.
44.7	44.4	44.7	44.7	43.9	43.3	41.9	40.8	40.0	39.4	38.8	40.7	48.0	34.1	Apr.
48.1	47.7	48.2	48.8	48.7	48.5	47.8	47.1	46.4	46.0	45.5	46.7	53.2	39.9	May.
66.7	66.6	67.2	65.9	65.5	65.4	64.2	63.2	62.4	61.5	60.8	63.6	73.0	53.9	June.
71.1	70.9	70.1	69.7	69.7	69.3	68.5	66.2	65.7	64.8	64.5	66.9	75.3	57.9	July.
65.6	65.1	65.4	64.7	64.8	63.3	62.0	60.4	59.4	59.1	58.8	61.2	69.5	52.8	Aug.
67.1	67.6	67.5	66.6	64.9	63.0	61.3	60.1	59.1	58.6	58.4	61.2	70.0	53.4	Sept.
51.7	51.6	51.7	50.8	49.9	48.7	47.7	47.3	46.8	46.5	45.9	47.6	53.3	41.7	Oct.
30.6	30.7	30.7	30.2	29.3	28.8	28.4	27.8	27.5	27.3	27.1	28.3	32.7	22.5	Nov.
30.9	31.3	30.9	30.2	29.2	28.7	28.1	28.1	27.9	27.8	27.5	28.1	32.8	22.2	Dec.
46.0	46.1	46.1	45.6	45.0	44.2	43.2	42.3	41.8	41.4	41.0	42.6	49.6	35.3	Year.

MEMPHIS, TENN.

[h_t = 108 ft.; local time, 1^h 0^m slow.]

49.8	50.8	51.4	51.2	50.2	49.2	48.1	47.1	46.4	45.7	45.0	45.2	54.6	37.4	Jan
42.9	44.1	44.5	44.9	44.1	43.8	43.0	42.1	41.4	40.8	40.3	40.5	47.4	33.8	Feb
60.1	61.1	61.6	61.7	61.5	60.0	58.4	57.3	56.3	55.8	54.7	55.6	65.5	47.2	Mar.
68.1	69.3	69.9	70.0	69.3	68.1	66.4	64.4	62.9	61.6	60.5	62.4	72.9	53.6	Apr.
73.3	74.3	75.1	75.1	74.3	73.5	71.4	69.1	67.2	66.4	65.5	68.2	78.3	59.8	May.
85.8	86.6	86.5	85.9	84.2	83.5	81.4	78.6	77.0	75.5	74.4	77.7	89.4	67.4	June.
84.1	84.7	84.8	84.6	84.3	82.5	80.9	78.3	76.6	75.4	74.2	77.6	87.7	69.1	July.
84.2	84.9	84.9	84.7	83.4	81.8	79.6	78.3	77.2	76.1	74.9	77.8	87.6	69.8	Aug.
80.2	80.9	80.5	80.2	79.1	77.2	74.9	73.4	72.2	71.1	69.8	73.4	84.1	65.3	Sept.
71.8	72.9	73.2	72.8	71.3	69.3	66.8	65.2	63.4	62.1	61.1	63.4	75.4	52.9	Oct.
57.3	58.2	58.6	58.1	56.8	54.9	53.4	52.2	51.0	49.9	48.8	52.9	60.4	40.3	Nov.
49.1	49.9	50.2	49.9	48.9	47.9	47.1	46.3	45.5	44.7	44.0	45.3	53.0	38.0	Dec.
67.2	68.1	68.4	68.3	67.3	66.0	64.3	62.7	61.4	60.4	59.4	61.7	71.4	52.9	Year.

NEW ORLEANS, LA.

[h_t = 112 ft.; local time, 1^h 0^m slow.]

61.8	62.7	62.9	62.7	61.7	59.8	58.7	57.8	57.0	56.5	56.0	57.2	66.4	49.7	Jan.
56.6	57.0	57.4	57.6	57.4	56.6	56.0	55.1	54.4	53.8	52.8	53.9	61.4	48.4	Feb.
66.8	67.7	68.3	68.2	67.6	66.2	64.8	63.2	62.3	61.5	61.1	62.6	70.4	55.5	Mar.
75.7	76.1	76.3	76.2	75.4	73.8	71.9	70.0	69.1	58.2	67.3	70.3	78.6	63.1	Apr.
80.6	80.8	81.0	80.8	79.7	77.7	76.1	74.4	73.2	72.2	71.6	75.1	83.3	67.3	May.
81.7	81.8	81.9	82.1	81.7	80.8	79.6	77.8	76.7	76.1	75.2	77.8	85.7	70.7	June.
81.6	81.2	81.5	80.8	80.8	80.4	79.3	77.9	76.9	76.3	75.8	78.4	86.0	72.2	July.
83.5	83.9	83.6	83.5	82.8	81.6	80.7	78.8	77.9	77.0	76.5	79.2	87.5	73.5	Aug.
84.1	84.0	84.2	83.6	82.6	81.0	80.1	78.2	77.2	76.6	76.1	78.9	86.7	73.1	Sept.
77.1	77.9	78.4	77.5	76.5	73.9	72.1	70.3	68.8	68.0	67.0	70.3	79.6	62.0	Oct.
65.9	66.5	66.8	66.2	64.8	62.9	61.7	60.2	59.3	58.1	57.7	60.2	68.4	52.6	Nov.
62.4	63.1	63.1	63.0	61.9	60.5	59.2	57.9	56.9	56.2	55.1	57.4	66.0	49.5	Dec.
73.2	73.6	73.8	73.5	72.7	71.3	70.0	68.5	67.5	66.7	66.0	68.4	76.7	61.5	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[$\lambda = 40° 43'$ N.; $\phi = 74° 0'$ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	33.5	32.9	32.6	32.0	31.7	31.5	31.5	31.9	32.4	33.3	34.2	35.1	36.2
Feb	28.2	28.0	28.1	27.8	27.5	27.1	26.9	27.3	27.8	28.7	29.6	30.8	31.9
Mar	40.8	40.5	39.9	39.5	38.8	38.5	38.6	39.6	41.5	43.2	45.5	46.9	48.5
Apr	45.4	45.1	44.5	43.9	43.7	43.7	44.4	45.9	48.1	49.8	51.9	53.4	54.5
May	55.9	55.1	54.5	54.2	53.9	54.5	55.5	57.5	59.6	61.5	63.2	64.2	65.8
June ...	65.5	64.9	64.4	64.0	63.9	63.9	65.4	67.3	69.6	71.3	73.1	74.3	75.1
July	71.7	71.7	70.7	70.3	69.8	69.5	70.0	71.5	73.5	75.7	78.3	79.9	80.8
Aug	68.5	67.8	67.3	66.7	66.1	66.0	66.5	67.5	69.2	71.6	73.6	75.3	76.8
Sept....	66.8	66.4	66.0	65.5	65.0	64.9	65.0	66.0	66.8	68.8	70.9	72.0	72.8
Oct.....	54.4	54.0	53.4	53.2	52.7	52.6	52.7	53.5	54.7	56.3	57.9	58.9	59.5
Nov	40.0	39.6	39.1	39.0	38.8	38.1	38.3	38.8	39.9	40.6	41.9	42.9	44.2
Dec	34.2	33.9	33.7	33.7	33.5	33.5	33.5	33.6	34.4	34.9	36.3	37.5	38.1
Year....	50.4	50.0	49.5	49.2	48.8	48.6	49.0	50.0	51.5	53.0	54.7	55.9	57.0

PHILADELPHIA, PA.

[$\lambda = 39° 57'$ N.; $\phi = 75° 9'$ W.]

Jan	34.6	33.9	33.6	33.3	32.8	32.7	32.5	32.9	33.2	34.3	35.6	37.2	38.4
Feb	29.7	29.3	29.0	28.9	28.6	28.5	28.4	29.1	29.8	31.2	32.1	33.0	34.0
Mar	43.1	42.5	41.4	41.1	40.5	40.1	40.2	41.5	43.1	44.8	47.2	49.2	51.0
Apr	46.7	46.4	45.8	45.5	45.2	45.2	46.1	48.0	49.7	51.9	53.5	54.8	55.9
May	58.0	57.5	57.0	56.7	56.5	56.7	57.8	59.5	61.6	63.6	65.8	67.4	68.5
June ...	66.7	66.3	65.9	65.5	65.4	65.9	67.3	69.1	71.2	73.6	75.5	77.0	78.3
July	72.2	71.6	71.0	70.5	70.0	70.4	71.9	73.9	76.7	79.1	81.4	82.8	83.6
Aug	68.1	67.5	66.9	66.4	65.9	65.7	66.6	68.3	70.2	72.1	74.2	75.9	77.0
Sept....	66.4	65.9	65.6	65.1	64.6	64.3	64.6	66.0	67.6	69.6	71.4	72.9	74.0
Oct.....	53.6	53.4	52.8	52.5	52.1	51.8	52.2	53.9	55.0	56.9	58.6	60.4	61.4
Nov	40.0	39.8	39.5	39.3	38.9	38.6	38.6	39.3	40.5	41.8	43.2	44.2	45.1
Dec	34.9	34.6	34.3	34.2	34.0	33.8	33.8	34.1	34.9	36.1	37.4	38.5	39.1
Year....	51.2	50.7	50.2	49.9	49.5	49.5	50.0	51.3	52.8	54.6	56.3	57.8	58.9

PITTSBURG, PA.

[$\lambda = 40° 32'$ N.; $\phi = 80° 2'$ W.]

Jan	35.3	34.7	34.6	34.1	33.9	33.7	33.9	34.2	34.8	36.4	38.5	40.1	41.2
Feb	30.6	30.1	29.7	29.4	29.1	29.0	28.3	28.8	29.1	30.2	31.6	32.6	34.3
Mar	44.9	44.0	43.2	42.7	42.3	41.8	41.6	42.3	44.0	46.0	48.4	50.2	52.0
Apr	48.3	47.4	46.7	46.1	45.6	45.2	45.2	47.0	49.1	51.3	53.1	54.7	55.9
May	58.8	58.0	57.1	56.4	55.7	55.2	56.0	58.5	61.0	63.0	64.7	66.3	67.6
June ...	66.6	65.8	64.9	64.2	63.5	63.2	64.6	67.9	70.5	72.8	75.3	76.8	78.2
July	71.3	70.5	69.5	68.4	67.9	67.5	69.2	72.0	75.1	77.9	80.0	81.7	82.7
Aug	69.3	68.3	67.1	66.3	65.7	65.1	65.4	67.5	70.8	74.1	76.6	78.8	80.6
Sept....	65.7	65.2	64.5	63.9	63.6	63.4	63.4	64.9	67.3	70.3	72.8	74.9	76.2
Oct	53.2	52.5	51.6	50.9	50.5	49.9	49.6	50.5	52.5	55.9	58.9	61.1	62.8
Nov	39.2	38.5	38.0	37.7	37.3	37.0	36.9	36.9	37.8	39.7	41.5	42.6	43.6
Dec	36.3	35.8	35.5	35.0	34.7	34.2	33.9	34.0	34.7	35.9	37.6	38.4	39.0
Year ...	51.6	50.9	50.2	49.6	49.2	48.8	49.0	50.4	52.2	54.5	56.6	58.2	59.5

PORTLAND, OREG.

[$\lambda = 45° 32'$ N.; $\phi = 122° 43'$ W.]

Jan	39.6	39.8	39.7	39.7	39.3	38.9	38.6	38.7	38.5	38.5	38.4	38.8	39.3
Feb	36.9	36.5	36.1	36.0	35.6	35.0	34.5	34.5	34.0	34.0	34.1	34.6	35.6
Mar	43.4	42.5	41.7	41.2	40.7	40.2	39.9	39.8	39.5	39.4	40.2	41.4	42.9
Apr	48.3	47.5	46.5	45.8	44.8	44.3	44.0	43.7	43.3	43.8	44.8	46.3	47.8
May	54.6	53.5	52.4	51.0	50.1	49.1	48.3	47.9	48.1	49.6	50.7	52.4	54.5
June ...	57.9	57.2	55.6	54.7	54.1	53.4	52.6	52.6	52.9	53.6	54.8	56.0	57.6
July	66.9	65.2	62.8	61.0	59.6	58.3	57.0	56.8	57.4	58.7	60.2	61.7	64.6
Aug	69.6	68.0	65.9	64.4	62.9	61.9	60.6	59.3	58.8	59.6	61.4	63.5	66.1
Sept....	59.6	58.5	57.3	56.7	55.5	54.7	54.1	53.7	52.8	53.4	54.9	56.7	58.6
Oct.....	51.5	50.7	50.0	49.5	48.8	48.6	48.1	47.9	47.4	47.2	47.6	49.2	51.3
Nov	47.9	47.6	46.7	46.4	46.2	45.8	45.7	45.3	45.0	45.1	45.3	46.1	47.4
Dec	38.6	38.5	37.7	37.5	37.4	37.3	37.4	37.4	37.2	37.2	37.1	37.9	38.9
Year ...	51.2	50.5	49.4	48.7	47.9	47.3	46.7	46.5	46.2	46.7	47.5	48.7	50.4

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

NEW YORK, N. Y.

[h_t = 183 ft.; local time, 4^m fast.]

2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Mean max.	Mean min.	1894.
36.9	37.8	38.0	38.2	37.3	36.5	36.1	35.8	35.2	34.7	34.2	34.6	40.2	28.9	Jan.
32.6	33.0	33.1	32.7	32.3	31.5	30.6	30.2	29.6	29.1	28.6	29.7	36.2	23.1	Feb.
50.0	49.9	49.7	49.1	47.9	46.4	45.5	44.6	43.6	42.8	42.1	43.9	52.6	36.4	Mar.
54.9	55.0	54.8	51.0	52.8	50.7	49.3	48.6	47.7	46.9	46.1	49.0	57.8	41.4	Apr.
66.3	65.8	65.6	64.8	63.7	62.2	61.0	60.0	58.7	57.7	57.0	59.9	69.4	52.3	May.
75.9	76.3	76.2	76.1	75.1	73.1	71.0	69.9	68.9	67.7	66.8	70.0	79.6	61.5	June.
81.9	81.6	81.4	80.6	79.5	78.5	77.2	75.8	74.8	73.6	72.9	75.5	84.9	67.3	July.
78.3	78.6	78.6	77.6	76.0	74.4	72.8	71.9	71.2	70.0	69.4	71.7	81.7	63.8	Aug.
73.3	73.4	73.5	72.8	71.6	70.4	69.6	68.9	68.4	67.5	67.1	68.9	77.0	62.6	Sept.
60.1	60.5	60.1	59.9	59.2	58.4	57.5	56.9	56.3	55.5	54.7	56.4	63.8	50.5	Oct.
44.2	44.9	44.7	43.8	43.1	42.6	42.0	41.5	40.9	40.5	40.0	41.2	49.3	35.1	Nov.
38.8	39.1	38.9	38.2	37.3	36.5	36.0	35.5	35.0	34.7	34.2	35.6	43.4	30.3	Dec.
57.8	58.0	57.9	57.3	56.3	55.1	54.0	53.3	52.5	51.7	51.1	53.0	61.3	46.1	Year.

PHILADELPHIA, PA.

[h_t = 168 ft.]

39.3	39.9	39.9	39.4	38.9	38.1	38.0	37.3	36.8	35.9	35.4	36.0	42.3	30.9	Jan.
35.0	35.5	35.7	35.1	34.4	33.5	33.0	32.2	31.8	31.1	30.5	31.7	38.5	25.3	Feb.
52.4	53.0	53.1	52.5	51.0	49.4	48.2	46.8	46.1	45.2	44.4	46.1	55.8	38.3	Mar.
56.8	56.5	56.7	56.5	55.4	53.6	51.5	50.1	49.0	47.9	47.2	50.7	60.0	43.0	Apr.
69.5	70.4	69.8	68.8	67.5	65.6	63.7	62.3	61.0	59.9	59.0	62.7	73.0	54.4	May.
79.1	79.4	79.4	78.5	76.9	75.1	73.1	71.4	70.2	69.1	68.1	72.0	82.3	63.3	June.
84.2	84.5	84.5	83.3	81.9	79.6	77.9	76.1	75.0	73.6	72.7	77.0	86.8	68.7	July.
78.3	78.7	78.9	78.1	76.9	74.9	73.1	71.5	70.4	69.5	68.7	71.8	81.4	64.5	Aug.
74.8	75.1	75.1	74.3	73.0	71.2	70.0	68.7	68.0	67.0	66.4	69.2	77.2	62.7	Sept.
61.9	62.0	61.6	60.6	59.5	57.9	57.3	56.2	55.6	54.7	53.9	56.5	64.5	50.0	Oct.
45.5	45.8	45.6	44.5	43.7	42.7	42.2	41.4	40.9	40.4	40.3	41.7	48.3	35.8	Nov.
39.7	39.9	39.5	38.6	37.9	36.9	36.8	36.2	35.6	35.2	34.8	36.3	42.7	31.1	Dec.
59.7	60.1	60.0	59.2	58.1	56.5	55.4	54.2	53.4	52.5	51.8	54.3	62.7	47.3	Year.

PITTSBURG, PA.

[h_t = 116 ft.; local time, 20^m slow.]

41.7	42.1	41.7	40.9	40.2	39.2	38.5	37.8	37.2	36.4	35.7	37.4	45.1	28.9	Jan.
34.8	35.4	35.8	35.7	35.0	34.4	33.8	33.2	32.7	32.4	31.8	32.0	39.3	24.1	Feb.
53.1	53.7	54.3	53.9	52.8	51.8	50.4	49.0	47.9	47.1	46.2	47.6	57.9	37.0	Mar.
56.8	57.6	57.9	58.1	57.4	56.8	55.0	53.5	52.2	51.0	49.6	51.7	61.0	41.1	Apr.
68.0	68.2	68.7	68.1	67.2	65.4	63.9	62.3	61.4	60.1	59.3	62.1	72.5	50.8	May.
78.4	78.9	79.5	79.3	78.0	76.5	75.3	73.4	71.8	70.0	68.8	71.8	83.1	60.0	June.
83.5	83.6	83.3	83.4	82.4	80.7	78.5	76.9	75.4	73.7	72.4	76.1	86.7	65.8	July.
81.3	81.8	82.2	81.5	80.3	78.7	77.0	75.5	73.5	72.0	70.3	73.7	84.1	63.2	Aug.
76.7	77.0	76.8	75.6	74.0	72.3	70.8	69.2	68.2	67.1	66.3	69.6	79.3	61.4	Sept.
63.2	63.4	63.0	62.0	60.6	58.5	57.1	55.9	55.1	54.2	53.3	56.1	66.2	46.5	Oct.
43.8	44.2	43.8	43.5	42.7	42.2	41.6	41.4	40.7	40.4	40.0	40.5	48.0	32.8	Nov.
39.4	39.7	39.4	38.9	38.5	37.8	37.4	37.0	36.6	36.4	35.7	36.7	43.2	30.0	Dec.
60.1	60.5	60.5	60.1	59.1	57.9	56.6	55.4	54.4	53.4	52.4	54.6	63.9	45.1	Year.

PORTLAND, OREG.

[h_t = 200 ft., 203 ft. *a*; local time, 3^h 11^m slow.]

40.2	40.8	41.4	41.5	41.6	41.6	41.3	40.9	40.5	40.3	39.9	39.9	44.9	35.8	Jan.
36.9	38.3	39.4	39.9	40.4	40.4	40.2	39.4	38.6	38.2	37.8	37.0	42.9	32.2	Feb.
44.6	46.4	47.4	48.0	48.6	48.3	47.9	47.1	46.1	44.9	44.3	43.6	50.7	37.4	Mar.
49.3	51.5	52.9	54.2	54.5	54.5	54.5	53.5	52.1	50.8	49.4	48.7	57.1	42.0	Apr.
56.4	58.4	59.9	61.4	62.0	62.6	62.5	61.6	60.3	58.4	56.6	55.1	64.5	46.5	May.
59.1	60.3	61.6	62.6	63.0	63.4	62.9	62.3	61.7	60.4	59.2	57.9	66.3	51.4	June.
67.3	70.1	72.2	74.5	76.3	77.3	77.3	76.4	74.6	71.7	69.5	66.6	78.8	55.7	July.
69.1	72.3	74.7	77.1	78.8	79.6	79.4	78.5	76.4	73.9	71.5	68.9	80.9	57.5	Aug.
60.9	62.8	63.9	65.3	66.2	66.3	66.1	64.2	62.8	61.3	60.3	59.4	68.3	51.6	Sept.
53.2	54.8	56.3	57.2	57.4	57.2	56.7	55.5	54.2	53.3	52.4	51.9	59.5	45.5	Oct.
48.6	50.5	51.9	52.6	53.0	52.3	51.6	50.3	49.2	48.3	47.9	48.2	54.5	42.6	Nov.
40.3	41.1	41.8	42.1	41.8	41.1	40.6	40.2	39.6	39.3	38.6	39.0	44.3	34.7	Dec.
52.2	53.9	55.3	56.4	57.0	57.0	56.8	55.8	54.7	53.4	52.3	51.4	59.4	44.4	Year.

a July 3, 1894.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[λ=38° 38′ N.; φ=90° 12′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	35.1	34.2	33.4	32.8	32.4	31.6	31.1	30.3	30.5	31.6	33.7	35.7	37.4
Feb	31.0	30.5	30.0	29.5	28.9	28.1	27.6	27.2	27.8	29.1	30.9	32.8	34.1
Mar	48.2	47.7	46.8	46.1	45.4	44.8	44.2	43.8	45.1	47.1	49.8	52.1	54.0
Apr	54.9	54.3	53.1	52.6	51.9	51.3	51.0	51.8	53.5	55.6	57.8	59.8	61.5
May	62.8	61.7	60.8	60.3	59.5	59.2	59.6	61.3	63.4	65.3	67.5	68.8	69.3
June	74.1	72.7	71.9	71.2	70.0	69.3	70.0	71.9	74.5	77.2	79.9	82.2	83.9
July	75.4	74.5	73.5	72.5	71.9	70.9	71.1	72.9	75.4	78.4	81.0	83.6	85.2
Aug	75.2	74.4	73.4	72.4	71.8	70.8	70.5	71.4	73.4	76.0	78.9	81.8	83.5
Sept	68.2	67.4	66.1	65.6	64.8	64.2	63.7	64.3	66.1	68.8	71.2	73.4	74.5
Oct	56.5	55.3	54.4	53.8	53.2	52.8	52.3	52.5	53.5	56.3	58.8	61.4	63.2
Nov	40.8	40.3	40.0	39.3	38.5	37.7	37.2	37.1	37.8	38.9	41.8	43.9	45.6
Dec	37.9	37.5	37.2	36.8	36.4	35.9	35.6	35.4	35.4	36.0	37.7	39.4	41.0
Year	55.0	54.2	53.4	52.7	52.1	51.4	51.2	51.7	53.0	55.0	57.4	59.6	61.1

ST. PAUL, MINN.

[λ=44° 58′ N.; φ=93° 3′ W.]

Jan	10 3	10.1	9.6	9.2	8.7	8.2	7.5	7.7	7.6	7.8	8.5	10.4	12.2
Feb	13.2	12.2	11.6	10.8	10.2	9.5	9.1	9.1	9.1	9.9	12.0	14.5	16.9
Mar	33.6	32.4	31.6	30.6	29.8	29.5	29.3	29.6	30.0	31.4	33.7	35.5	37.0
Apr	45.8	45.5	44.8	44.0	43.4	42.9	42.6	43.5	44.1	45.6	47.8	49.4	51.0
May	55.2	53.9	52.6	51.6	50.9	50.3	50.7	52.8	54.2	56.2	58.4	60.3	62.3
June	67.0	66.2	65.0	64.1	63.3	62.5	63.2	65.9	68.6	71.9	74.9	77.1	78.7
July	72.2	70.6	68.5	67.1	65.6	64.6	64.5	68.2	71.5	75.0	78.3	80.7	82.6
Aug	67.6	66.2	65.1	64.1	63.1	62.1	61.4	62.2	64.9	69.1	73.1	76.3	78.5
Sept	59.5	58.5	57.7	56.8	55.9	55.0	54.1	54.2	56.3	60.0	64.1	67.0	68.9
Oct	46.5	46.1	45.6	45.1	44.5	44.1	43.5	43.2	43.7	46.2	48.6	50.9	52.6
Nov	26.8	26.4	25.9	25.4	24.7	24.6	24.3	24.3	24.3	25.1	26.7	28.6	30.2
Dec	26.6	26.4	26.0	25.4	24.9	24.4	23.9	23.9	23.7	24.0	25.2	26.7	28.6
Year	43.7	42.9	42.0	41.2	40.4	39.8	39.5	40.4	41.5	43.5	45.9	48.1	50.0

SALT LAKE CITY, UTAH.

[λ=40° 46′ N.; φ=111° 54′ W.]

Jan	27.2	27.2	27.1	26.8	26.7	26.5	26.3	26.5	26.6	26.1	26.9	28.1	30.6
Feb	23.4	23.3	22.9	22.8	22.5	21.7	21.7	21.9	21.4	21.2	23.1	25.2	27.5
Mar	38.5	37.8	37.3	36.6	36.3	36.4	35.7	35.5	35.5	37.2	39.5	41.8	43.8
Apr	45.8	44.9	44.4	43.7	43.3	42.5	42.5	42.4	43.3	45.7	48.4	50.6	51.6
May	57.9	57.6	56.7	55.4	54.4	53.4	53.3	53.2	54.6	58.0	61.0	63.5	65.1
June	61.3	60.3	59.8	58.7	57.8	56.5	55.8	56.0	58.1	61.1	64.1	66.1	67.6
July	72.1	70.4	69.6	68.3	66.7	65.9	65.4	65.6	67.9	71.9	76.3	78.6	81.4
Aug	73.2	71.7	70.4	70.2	68.7	67.9	67.0	66.4	67.4	70.5	75.2	78.4	81.3
Sept	57.2	56.4	55.9	55.3	54.9	54.3	53.5	53.6	54.0	57.0	60.8	64.2	66.3
Oct	50.0	49.3	48.4	47.8	47.6	47.3	46.1	46.0	45.5	46.9	50.9	54.6	57.6
Nov	42.7	42.6	41.4	41.1	40.5	40.3	39.9	39.7	39.1	39.6	41.8	46.5	50.3
Dec	29.4	28.6	28.3	27.9	27.9	27.5	27.5	27.8	27.5	27.5	28.9	31.2	32.8
Year	48.2	47.5	46.8	46.2	45.6	45.0	44.6	44.6	45.1	46.9	49.7	52.4	54.7

SAN DIEGO, CAL.

[λ=32° 43′ N.; φ=117° 10′ W.]

Jan	47.1	46.6	45.8	45.2	44.9	44.6	44.3	43.7	43.5	43.5	46.5	50.3	53.3
Feb	47.4	47.2	46.9	46.4	45.8	45.5	44.9	44.9	44.1	44.9	49.0	51.8	54.4
Mar	49.7	49.4	49.0	48.9	48.4	48.1	47.7	47.5	47.4	49.0	51.7	53.5	55.3
Apr	53.9	53.5	52.9	52.6	52.1	51.8	51.6	51.6	51.9	53.9	56.3	58.1	59.5
May	55.8	55.3	55.3	55.1	54.9	54.6	54.6	55.0	55.1	56.7	58.1	59.3	60.4
June	58.7	58.3	57.8	57.7	57.8	57.5	57.2	57.4	58.3	59.3	61.0	62.5	63.7
July	62.4	62.1	61.4	61.4	61.1	61.0	60.9	60.9	61.6	62.9	64.7	65.7	67.5
Aug	64.1	64.2	64.1	63.8	63.5	63.5	63.3	63.5	63.7	64.8	66.6	67.7	68.7
Sept	63.6	63.2	62.7	62.4	62.3	62.3	62.2	61.8	31.8	63.1	65.0	66.9	69.0
Oct	60.1	59.6	59.0	58.7	58.3	57.9	57.6	57.7	57.4	58.5	60.9	63.7	65.9
Nov	54.6	54.1	53.6	53.4	52.9	52.3	52.0	52.0	51.3	51.6	53.6	55.6	58.0
Dec	52.6	52.2	51.7	51.6	51.5	51.1	50.7	50.8	50.6	50.5	52.6	54.7	56.5
Year	55.8	55.5	55.0	54.8	54.5	54.2	53.9	53.9	53.9	54.9	57.2	59.2	61.0

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

ST. LOUIS, MO.

[h_t = 110 ft.; local time, 1h 1m slow.]

2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	1894.
39.0	40.2	41.2	41.0	40.4	39.2	38.4	37.9	37.1	36.3	35.7	35.7	42.9	28.1	Jan.
35.3	36.1	36.6	36.8	36.5	35.5	34.7	34.1	33.3	32.7	31.9	32.1	39.7	25.0	Feb.
55.6	57.2	57.8	57.6	57.1	55.6	54.2	53.2	52.1	50.9	50.1	50.7	60.6	41.8	Mar.
62.3	63.3	64.1	63.7	63.5	62.5	60.6	59.5	58.3	57.2	56.1	57.5	66.5	49.2	Apr.
70.3	71.2	71.8	71.2	70.8	69.8	68.3	67.1	65.9	64.6	63.5	65.6	74.8	57.1	May.
85.3	86.0	86.4	86.2	86.1	85.1	83.6	81.8	79.3	77.9	76.3	78.5	89.1	67.7	June.
84.8	85.4	85.5	85.7	85.3	84.3	82.8	81.1	78.9	77.7	76.4	78.9	89.1	69.3	July.
84.9	86.0	86.6	86.6	85.1	83.9	81.7	80.4	78.5	77.3	76.2	78.4	88.3	69.0	Aug.
75.9	77.1	77.2	76.5	75.8	74.0	72.6	71.2	70.2	69.1	68.4	70.3	79.4	62.2	Sept.
64.9	66.1	66.6	66.4	65.4	63.7	62.4	60.9	59.8	58.5	57.4	59.0	68.6	50.6	Oct.
47.5	48.5	48.8	48.5	47.3	45.9	45.0	44.4	43.4	42.5	41.6	42.6	51.1	33.9	Nov.
42.1	42.9	43.2	42.9	41.9	41.0	40.0	39.4	38.7	37.9	37.3	38.7	45.0	32.7	Dec.
62.3	63.3	63.8	63.6	62.9	61.7	60.4	59.2	58.0	56.9	55.9	57.3	66.3	48.9	Year.

ST. PAUL, MINN.

[h_t = 114 ft.; local time, 1h 12m slow.]

13.5	14.7	15.5	15.4	14.7	13.9	13.4	13.0	12.2	11.4	10.7	11.1	17.8	2.5	Jan.
18.5	19.9	20.6	21.1	20.8	20.1	18.9	18.2	17.1	16.4	15.4	14.8	23.1	5.3	Feb.
37.9	39.0	39.8	40.2	40.1	39.1	37.6	36.5	35.9	35.1	34.5	34.6	42.5	26.6	Mar.
52.6	53.5	53.9	54.2	54.2	53.9	52.8	51.4	50.0	48.7	47.7	48.5	56.5	40.9	Apr.
63.5	64.7	65.2	65.6	65.1	64.4	63.3	61.3	59.7	57.9	56.5	58.2	68.5	47.9	May.
79.5	80.6	81.2	80.3	80.2	79.7	78.0	75.9	73.8	71.3	69.7	72.4	83.1	61.4	June.
84.4	85.3	85.6	86.0	86.0	85.2	83.4	80.7	78.0	75.6	74.2	76.4	88.3	63.3	July.
79.9	81.3	81.8	81.9	81.7	80.6	77.9	75.5	73.2	71.1	69.3	72.0	84.0	60.3	Aug.
70.5	71.3	72.4	72.4	71.8	70.3	67.5	65.0	63.2	61.4	60.2	63.1	75.4	52.1	Sept.
54.2	55.2	55.8	55.9	53.3	53.6	51.6	50.3	49.2	48.2	47.3	49.1	57.7	40.4	Oct.
31.1	32.1	32.0	32.0	31.2	30.2	29.8	29.1	28.5	27.9	27.2	27.9	34.9	20.1	Nov.
29.7	30.9	31.3	31.1	30.4	29.5	28.6	28.1	27.5	27.0	26.7	27.1	33.9	20.2	Dec.
51.3	52.4	52.9	53.0	52.6	51.7	50.2	48.8	47.4	46.0	45.0	46.3	55.5	36.8	Year.

SALT LAKE CITY, UTAH.

[h_t = 83 ft.; local time, 2h 27m slow.]

32.2	32.5	32.7	33.1	33.9	31.7	30.4	29.1	28.5	27.8	27.4	28.8	35.9	22.0	Jan.
28.5	29.6	30.5	30.9	30.8	29.6	28.2	27.1	26.1	25.8	24.8	25.4	33.0	18.1	Feb.
45.3	45.8	46.8	47.0	46.8	46.1	44.5	42.5	41.0	40.3	39.3	40.7	49.3	32.9	Mar.
52.7	53.7	53.9	54.2	54.4	54.3	53.4	51.4	49.4	47.6	46.4	48.4	58.4	37.8	Apr.
66.7	67.7	68.6	68.7	69.1	68.8	67.6	66.2	63.0	60.9	59.5	61.3	71.6	50.7	May.
69.0	70.5	71.3	71.5	71.9	72.0	71.4	69.9	66.6	63.9	62.7	64.3	74.9	52.9	June.
82.9	84.0	84.8	84.3	84.7	84.4	83.0	80.7	77.3	75.6	73.9	75.7	87.6	61.5	July.
82.9	84.4	85.2	85.5	84.6	84.4	83.2	80.6	77.7	75.8	74.2	76.1	88.0	62.9	Aug.
68.0	69.0	69.7	69.4	69.2	67.5	65.6	62.5	60.1	58.4	57.2	60.8	72.3	49.6	Sept.
59.4	60.9	61.7	61.8	61.2	60.2	56.9	54.3	53.0	51.8	50.3	52.9	64.1	42.3	Oct.
53.1	54.0	54.5	54.4	53.4	50.5	47.6	45.6	44.1	42.9	43.1	45.4	56.5	34.7	Nov.
34.7	35.4	36.0	36.2	36.0	34.6	33.3	31.7	30.3	30.1	29.8	30.9	38.8	23.9	Dec.
56.3	57.3	58.0	58.1	57.9	57.0	55.4	53.5	51.4	50.1	49.0	50.9	60.9	40.8	Year.

SAN DIEGO, CAL.

[h_t = 73 ft.; local time, 2h 49m slow.]

54.9	55.7	56.3	56.1	55.6	54.4	52.7	51.1	49.6	48.1	47.5	49.2	58.4	40.6	Jan.
56.0	56.8	57.5	57.2	56.9	55.8	54.8	52.7	51.2	49.5	48.8	50.4	59.1	41.9	Feb.
56.4	57.3	57.7	57.9	57.1	55.9	55.0	53.5	52.5	51.5	50.9	52.1	60.3	44.9	Mar.
60.2	60.6	60.8	61.0	60.6	59.9	59.0	57.2	56.3	55.6	55.1	56.1	63.2	49.7	Apr.
61.3	62.0	62.1	62.1	61.9	61.1	60.4	58.7	57.7	57.1	56.8	58.0	64.6	52.7	May.
64.2	64.7	65.0	65.1	65.0	64.2	63.5	61.7	60.7	59.9	59.5	60.9	67.1	55.7	June.
67.7	68.3	68.5	68.3	68.0	67.5	67.1	65.2	63.8	63.3	63.1	64.3	70.3	59.2	July.
69.1	69.7	69.6	69.8	69.4	68.5	68.0	66.2	65.1	64.5	64.5	66.1	72.5	61.6	Aug.
69.6	69.9	69.6	69.8	69.8	69.2	68.0	65.9	65.3	64.7	64.3	65.5	72.3	59.5	Sept.
67.1	67.4	67.6	67.5	67.0	66.0	64.2	62.9	61.7	61.1	60.5	62.0	70.3	55.2	Oct.
60.0	61.5	61.8	62.0	61.8	60.1	58.1	57.2	56.3	55.4	54.8	56.0	64.7	49.5	Nov.
57.7	58.4	58.8	58.8	58.5	57.6	56.7	55.4	54.7	54.0	53.4	54.2	61.5	48.1	Dec.
62.0	62.7	62.9	63.0	62.6	61.7	60.6	59.0	57.9	57.1	56.6	57.9	65.4	51.6	Year.

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[λ = 37° 48′ N.; φ = 122° 26′ W.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.
Jan	47.8	47.5	47.0	47.0	46.8	46.4	46.1	45.4	45.3	45.4	45.7	46.1	47.2
Feb	47.9	47.6	47.3	47.0	46.8	46.3	45.9	45.5	45.5	45.5	46.0	47.0	48.5
Mar	48.9	48.5	48.3	48.0	47.6	47.2	46.9	46.7	46.5	46.7	47.7	49.0	50.6
Apr	51.6	51.0	50.8	50.6	50.2	49.8	49.8	49.5	49.1	50.3	52.0	54.3	56.3
May	52.6	52.5	52.1	52.0	51.8	51.5	51.3	51.1	51.4	52.5	53.9	55.4	56.9
June ...	53.2	52.8	52.7	52.4	52.1	51.9	51.6	51.6	52.0	53.1	54.5	56.1	57.5
July	53.2	53.0	52.7	52.5	52.0	51.9	51.7	51.7	51.9	52.8	54.2	55.6	57.8
Aug	56.0	55.4	55.1	55.1	54.9	54.8	54.8	54.7	54.6	55.0	55.9	57.3	59.1
Sept....	59.5	58.7	58.3	58.4	58.1	58.1	57.8	57.4	57.3	58.1	60.4	63.0	65.7
Oct.....	57.0	56.6	56.1	55.6	55.4	55.2	54.9	55.0	54.7	55.2	56.5	58.0	60.2
Nov	57.4	56.6	55.8	55.1	54.5	53.7	53.1	53.1	52.6	52.9	54.1	55.5	57.6
Dec	49.4	49.3	49.1	49.0	48.5	48.4	48.2	47.9	47.8	48.0	48.4	49.2	49.9
Year ...	52.9	52.5	52.1	51.9	51.6	51.3	51.0	50.8	50.7	51.3	52.4	53.9	55.6

SANTA FE, N. MEX.

[λ = 35° 41′ N.; φ = 105° 57′ W.]

Jan	25.1	24.8	23.9	23.4	22.7	21.9	21.6	22.1	21.2	22.0	25.8	28.7	30.5
Feb	25.2	24.2	23.4	22.2	21.4	21.1	20.2	19.9	19.2	20.6	23.5	25.9	28.0
Mar	36.4	35.6	34.0	33.3	32.6	31.7	31.3	31.0	31.8	35.5	38.6	40.6	42.2
Apr	45.4	45.1	44.1	42.6	41.7	40.7	39.6	39.5	42.9	46.2	48.9	51.2	53.0
May	55.6	54.5	53.3	52.0	50.3	49.5	48.4	50.5	54.5	56.4	58.6	60.9	63.0
June ...	60.0	59.3	58.4	57.3	55.9	54.7	53.5	56.1	59.3	61.9	64.3	66.6	68.3
July	65.3	64.3	62.8	62.0	60.3	59.2	58.3	60.5	64.5	67.2	69.9	72.3	74.5
Aug	60.8	59.7	58.8	58.2	57.2	56.7	55.8	56.6	59.1	61.9	64.7	67.2	69.1
Sept....	55.2	54.6	53.9	53.2	52.0	50.9	49.8	49.3	52.6	56.2	58.5	61.3	63.2
Oct.....	48.5	47.9	46.7	45.8	44.7	44.3	43.5	42.6	43.3	48.3	51.9	54.3	56.4
Nov	39.1	38.8	37.0	36.5	36.2	35.6	34.4	34.5	33.5	37.6	42.2	45.3	47.7
Dec	30.8	30.3	30.5	30.2	29.6	29.1	28.3	28.3	27.7	28.7	31.6	34.1	35.9
Year ...	45.6	44.9	43.9	43.1	42.0	41.3	40.4	40.9	42.5	45.2	48.2	50.7	52.6

SAVANNAH, GA.

[λ = 32° 5′ N.; φ = 81° 5′ W.]

Jan	50.9	50.5	49.8	49.3	48.9	48.5	48.2	48.5	50.3	53.2	56.1	58.1	59.3
Feb	51.6	51.1	50.6	50.3	49.9	49.5	49.0	49.2	51.1	53.8	56.0	57.8	58.7
Mar	58.8	58.0	57.5	57.1	56.7	56.0	55.5	57.2	60.3	64.1	67.3	69.3	70.4
Apr	61.3	60.7	60.0	59.4	58.8	58.4	58.7	62.4	65.5	68.4	70.7	72.2	73.2
May	67.9	67.3	66.9	66.2	65.9	65.7	67.5	70.8	73.6	76.2	77.9	79.0	79.8
June ...	72.6	72.2	71.3	70.8	70.3	70.2	71.8	74.8	77.9	80.2	82.4	82.7	83.0
July ...	74.4	74.0	73.6	73.5	73.2	73.1	74.5	77.4	79.5	81.5	82.1	82.8	84.0
Aug	75.6	75.5	75.3	75.1	74.7	74.5	75.3	77.9	80.6	82.6	84.8	86.3	87.0
Sept....	73.2	72.9	72.5	72.4	72.0	71.6	72.0	74.5	76.4	79.0	80.8	81.7	82.6
Oct	64.4	63.8	63.3	62.8	62.3	62.0	61.6	63.5	66.9	70.3	72.7	73.9	74.4
Nov	53.7	53.2	52.6	52.2	51.9	51.5	51.1	51.7	54.2	57.6	60.7	62.9	64.1
Dec	49.8	49.1	48.3	47.9	47.4	46.8	46.8	46.9	49.0	52.9	56.3	58.5	59.9
Year ...	62.8	62.4	61.8	61.4	61.0	60.6	61.0	62.9	65.4	68.3	70.6	72.1	73.0

WASHINGTON, D. C.

[λ = 38° 54′ N.; φ = 77° 3′ W.]

Jan	34.9	34.6	34.2	33.7	33.3	33.0	33.0	33.2	34.2	36.5	38.4	40.2	41.1
Feb	32.9	32.6	32.5	32.2	31.6	31.5	31.2	31.8	32.7	34.0	35.8	37.2	38.4
Mar	44.1	43.5	43.0	42.1	41.4	41.0	40.8	42.7	45.6	48.1	50.6	52.5	54.5
Apr	48.8	47.9	47.3	46.7	46.2	45.8	46.8	49.5	51.5	53.5	55.6	57.1	58.1
May	60.2	59.5	58.9	58.3	58.0	58.2	60.3	63.4	65.4	67.5	69.3	70.9	71.9
June ...	67.3	66.5	65.6	64.7	64.4	65.1	67.3	70.4	73.3	75.8	78.0	79.5	80.7
July	72.4	71.5	71.0	70.2	69.3	69.5	71.5	74.2	77.1	80.0	82.0	83.8	84.9
Aug	68.6	68.1	67.5	67.0	66.4	65.9	67.3	69.9	72.7	75.3	77.6	79.6	80.5
Sept....	66.7	66.2	65.6	65.1	64.7	64.1	64.6	66.9	69.3	71.8	74.3	76.3	77.6
Oct.....	52.5	52.1	51.9	51.6	51.3	51.0	51.3	53.8	56.0	58.2	60.5	62.4	63.7
Nov	42.0	41.6	41.0	40.4	40.3	40.0	39.4	39.8	41.9	44.0	46.2	47.9	48.9
Dec	34.7	34.0	33.9	33.0	32.5	32.2	31.9	32.4	34.3	37.1	39.3	41.0	42.3
Year ...	52.1	51.5	51.0	50.4	50.0	49.8	50.4	52.3	54.5	56.8	59.0	60.7	61.9

AVERAGE TEMPERATURE (DEGREES FAHRENHEIT) FOR EACH HOUR OF SEVENTY-FIFTH MERIDIAN TIME—Continued.

SAN FRANCISCO, CAL.

[h_t = 161 ft.; local time, 3^h 10^m slow.]

2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Mean max.	Mean min.	1894.
48.1	49.0	50.2	50.7	51.2	50.9	49.9	49.4	49.1	48.6	48.2	47.9	52.6	42.8	Jan.
49.5	50.8	51.8	52.2	51.9	51.8	51.1	50.1	49.5	49.1	48.5	48.5	53.4	43.5	Feb.
52.3	53.3	53.9	54.0	54.0	53.2	52.3	51.3	50.3	49.7	49.2	49.8	56.4	44.8	Mar.
58.1	58.9	59.8	59.7	59.1	57.7	56.6	55.3	54.2	53.1	52.4	53.8	62.6	47.7	Apr.
57.7	58.5	58.9	58.4	58.5	57.8	56.7	55.7	54.3	53.5	52.9	54.5	61.1	49.6	May.
58.3	58.6	58.7	58.6	58.6	57.9	57.1	56.2	55.0	54.1	53.7	54.9	61.3	50.5	June.
58.7	59.3	59.1	59.6	58.9	58.2	56.7	56.0	54.7	53.9	53.5	55.0	62.4	50.5	July.
61.1	62.1	62.5	62.0	61.5	60.9	59.8	58.7	57.5	56.5	56.4	57.6	65.2	53.2	Aug.
67.0	68.4	69.1	68.0	66.7	65.3	63.8	63.0	62.3	61.4	60.4	61.9	71.3	55.5	Sept.
62.0	62.9	63.5	64.0	63.7	62.4	60.7	59.5	58.8	58.4	57.5	58.5	65.5	53.6	Oct.
59.6	62.0	64.8	66.1	66.4	64.8	62.3	61.0	60.2	59.4	57.9	58.2	67.2	51.6	Nov.
50.6	50.9	51.6	51.7	51.7	51.5	51.0	50.6	49.9	49.6	49.5	49.7	53.4	46.0	Dec.
56.9	57.9	58.7	58.8	58.5	57.7	56.5	55.6	54.6	53.9	53.3	54.2	61.0	49.1	Year.

SANTA FE, N. MEX.

[h_t = 47 ft.; local time, 2^h 4^m slow.]

32.3	33.6	34.8	35.4	35.3	33.6	30.9	29.0	27.8	27.0	26.3	27.5	37.0	18.7	Jan.
29.5	31.5	32.7	33.2	33.3	32.2	30.1	28.1	26.9	26.0	25.2	26.0	35.3	17.2	Feb.
44.1	45.3	46.6	47.2	48.1	47.1	45.8	42.8	40.3	39.2	38.0	39.1	50.0	28.6	Mar.
54.9	56.0	57.6	58.4	58.6	58.2	56.6	53.8	50.7	48.5	46.8	49.2	60.5	37.5	Apr.
64.7	66.1	67.4	67.5	67.3	66.8	65.9	63.5	60.5	58.1	56.7	58.8	70.4	47.3	May.
70.2	71.8	72.6	73.6	74.3	73.4	71.9	70.4	66.4	63.9	62.3	64.4	75.6	52.4	June.
76.0	76.7	77.1	76.9	76.3	74.8	73.0	71.2	68.7	67.2	66.2	68.5	80.5	57.2	July.
70.1	70.8	70.6	70.1	69.8	68.6	67.5	65.2	63.6	62.3	61.2	63.6	74.3	54.7	Aug
65.0	66.4	67.8	68.3	67.7	67.0	64.7	60.8	58.3	56.5	55.6	58.7	69.9	48.2	Sept.
58.2	59.5	61.1	61.8	61.3	60.0	56.1	52.8	51.6	50.3	49.3	51.7	62.9	40.9	Oct.
49.6	51.5	53.0	53.6	53.2	49.9	45.7	42.9	41.7	40.9	39.6	42.5	55.0	31.7	Nov.
37.7	38.9	40.2	40.1	39.0	36.1	33.7	32.4	31.8	31.3	31.0	32.8	41.5	25.9	Dec.
54.4	55.7	56.8	57.2	57.0	55.6	53.5	51.1	49.0	47.6	46.5	48.6	59.4	38.4	Year.

SAVANNAH, GA.

[h_t = 63 ft.; local time, 24^m slow.]

60.3	60.6	60.4	58.8	56.7	54.9	53.8	53.1	52.5	51.8	51.4	53.6	62.4	45.7	Jan.
59.6	60.0	59.5	58.5	56.8	55.2	54.1	53.4	53.0	52.6	52.3	53.9	62.4	45.9	Feb.
70.6	70.3	69.9	68.3	65.7	62.8	61.3	60.5	60.1	59.9	59.4	62.4	72.9	54.2	Mar.
72.9	73.0	72.2	70.8	69.2	66.9	65.0	64.1	63.4	62.7	62.1	65.5	75.8	56.8	Apr.
79.5	78.8	77.7	76.4	74.9	73.0	70.7	69.5	69.2	68.8	68.5	72.2	82.7	63.6	May.
83.2	82.1	81.3	79.3	78.2	77.0	75.7	75.0	74.4	73.9	73.4	76.4	86.8	68.1	June.
83.4	82.7	81.3	80.7	79.1	78.0	76.5	75.9	75.4	75.1	74.8	77.8	87.2	71.1	July.
87.7	86.6	85.9	83.6	81.5	79.6	78.4	77.8	77.2	76.7	76.2	79.9	90.1	72.3	Aug.
82.5	82.2	81.3	80.3	79.0	77.4	76.4	75.6	74.9	74.3	73.9	76.6	84.7	69.8	Sept.
74.7	75.1	73.9	72.5	70.4	68.5	67.4	66.5	65.6	64.8	64.3	67.7	77.3	59.4	Oct.
64.7	64.7	64.3	62.5	60.4	58.8	57.5	56.5	55.9	55.1	54.4	57.2	66.4	48.8	Nov.
60.8	61.0	60.4	58.9	56.2	54.9	53.7	52.8	51.8	51.0	49.9	53.0	62.6	44.5	Dec.
73.3	73.1	72.3	70.9	69.0	67.2	65.9	65.1	64.4	63.9	63.4	66.4	75.9	58.4	Year.

WASHINGTON, D. C.

[h_t = 59 ft.; local time, 8^m slow.]

42.0	42.6	42.8	42.6	41.5	40.4	39.1	38.2	37.3	36.6	35.8	37.5	44.4	31.1	Jan.
39.5	40.4	40.4	39.9	38.6	37.5	36.6	35.6	34.9	34.0	33.5	35.2	42.2	28.2	Feb.
55.6	56.1	56.3	55.2	54.2	52.3	50.4	49.0	47.9	46.8	46.0	48.3	58.5	38.5	Mar.
59.2	59.7	60.4	59.6	57.9	56.2	54.4	52.9	51.3	50.5	49.2	52.8	62.3	44.6	Apr.
72.4	72.5	72.1	72.1	70.9	68.7	66.3	64.6	63.3	61.8	60.8	65.3	75.7	56.1	May.
82.0	82.6	82.8	81.9	80.0	78.1	74.6	72.8	71.3	70.2	69.3	73.5	84.4	62.8	June.
86.1	86.0	84.9	84.1	82.5	80.6	78.2	76.4	75.4	74.1	73.0	77.4	88.1	67.7	July.
81.1	80.9	80.9	80.1	78.5	76.3	73.8	72.3	70.9	70.0	69.1	73.4	83.2	64.7	Aug.
78.4	78.6	78.5	77.4	75.8	73.3	71.5	70.3	69.0	67.9	67.0	70.9	80.0	62.9	Sept.
64.7	64.9	64.6	63.6	60.6	58.3	56.8	55.3	54.5	53.3	52.6	56.9	66.6	49.2	Oct.
49.7	49.8	49.6	48.4	46.7	45.3	44.2	43.7	43.1	42.8	42.5	44.1	51.4	36.5	Nov.
43.2	43.5	43.2	42.2	40.5	38.9	37.5	36.7	35.9	35.3	34.5	37.1	44.9	29.8	Dec.
62.8	63.1	63.0	62.3	60.6	58.8	57.0	55.6	54.6	53.6	52.8	56.0	65.1	47.6	Year.

Blank page retained for pagination

Blank page retained for pagination

WIND—VELOCITY AND FREQUENCY.

BISMARCK, N. DAK.

[λ = 46° 47′ N.; φ = 100° 38′ W.] [Seventy-fifth Meridian Time.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.....	7.9	8.4	8.7	8.9	8.0	7.8	7.9	7.5	7.7	7.6	7.7	8.6	9.5	10.3	10.4	10.4	10.2
Feb.....	9.6	8.5	8.9	9.8	9.8	9.5	9.4	10.1	9.9	9.5	10.3	11.0	12.0	12.5	13.1	13.2	13.5
Mar.....	12.1	11.5	12.7	12.0	11.2	10.8	11.0	11.9	11.1	10.9	11.6	13.5	13.6	15.9	16.8	17.1	17.0
Apr.....	12.7	12.7	12.2	11.7	11.8	12.1	11.9	11.2	12.8	14.0	15.4	15.8	16.6	17.7	18.4	18.0	17.6
May	10.7	11.4	11.5	11.4	11.2	8.8	8.7	10.4	11.5	13.0	14.5	15.8	16.9	17.9	18.1	18.4	18.6
June....	8.0	7.4	6.3	6.2	6.5	7.0	6.6	6.9	8.2	11.4	11.9	12.2	12.9	13.7	14.4	15.0	14.2
July	5.9	6.4	5.6	5.6	4.4	4.7	4.2	5.7	6.7	7.4	9.3	10.6	11.4	12.4	12.8	12.8	12.7
Aug	6.7	6.4	6.1	5.8	5.7	6.1	5.9	5.3	5.9	6.8	8.2	9.7	10.6	11.0	11.5	11.1	11.6
Sept	7.8	6.8	6.3	6.1	6.4	6.0	6.2	6.2	7.0	9.1	12.5	13.3	14.3	16.1	16.9	16.6	16.8
Oct.....	8.5	8.4	8.6	8.6	9.0	9.7	9.1	9.6	8.4	9.2	11.4	13.3	14.1	15.5	16.0	16.1	16.0
Nov.....	8.5	9.4	9.5	9.2	9.6	11.6	11.7	11.4	11.6	12.0	13.3	13.9	14.9	16.4	16.8	16.0	14.4
Dec.....	7.0	7.1	7.9	7.5	8.0	8.0	7.2	6.7	6.8	6.7	6.5	7.7	9.6	10.8	11.3	11.6	10.8
Year....	8.8	8.7	8.7	8.6	8.5	8.5	8.3	8.6	9.0	9.8	11.0	12.1	13.0	14.2	14.7	14.7	14.4

BOSTON, MASS.

[λ = 42° 21′ N.; φ = 71° 4′ W.]

Jan.....	11.9	11.9	11.5	11.4	11.3	10.8	11.0	11.2	12.1	12.4	12.7	13.6	13.8	13.3	13.5	13.1	13.1
Feb.....	11.5	11.8	12.1	12.4	12.0	11.5	12.0	12.2	13.2	14.2	14.6	14.8	14.5	14.6	14.1	14.6	13.5
Mar.....	11.1	10.9	10.7	10.2	9.8	10.1	10.2	11.0	11.6	12.0	12.5	13.4	14.2	14.5	14.5	14.8	14.5
Apr.....	12.4	12.5	12.0	12.2	12.3	11.6	12.4	12.9	13.6	14.6	15.1	15.3	15.3	15.4	14.7	14.7	15.4
May	8.2	8.3	9.2	9.4	9.1	9.3	10.1	10.5	11.3	12.2	11.9	12.2	14.0	13.6	13.0	13.3	13.2
June....	9.6	9.3	9.5	9.3	9.2	8.7	9.3	9.8	10.1	10.1	10.6	11.1	12.0	13.1	13.2	13.2	12.9
July	8.8	8.7	8.4	8.2	7.9	7.3	7.4	7.6	8.1	8.6	9.0	10.2	11.5	12.9	12.1	11.5	11.3
Aug	8.3	8.0	7.5	7.9	7.8	7.6	8.1	8.5	8.7	9.2	10.2	10.5	11.2	11.9	11.7	12.1	11.5
Sept	7.5	7.9	7.7	7.8	8.2	7.9	7.7	8.2	8.7	9.5	9.9	10.3	11.2	11.2	11.2	11.0	10.8
Oct.....	9.6	9.6	9.8	10.3	10.3	10.1	10.0	11.3	12.8	14.1	14.5	15.1	15.0	14.4	13.8	13.6	12.7
Nov.....	11.9	11.6	11.5	11.3	10.3	11.1	11.8	12.4	13.2	13.7	14.1	14.1	13.9	14.5	14.1	13.2	12.3
Dec.....	12.5	11.5	12.1	12.1	11.2	11.2	10.6	10.3	10.8	10.5	10.7	10.9	11.1	11.5	12.3	11.6	11.2
Year....	10.3	10.2	10.2	10.2	10.0	9.8	10.0	10.5	11.2	11.8	12.2	12.6	13.1	13.4	13.2	13.1	12.7

BUFFALO, N. Y.

[λ = 42° 53′ N.; φ = 78° 53′ W.]

Jan.....	15.0	13.7	14.3	14.3	13.5	12.9	13.0	13.2	13.2	13.5	13.8	13.9	13.8	13.7	14.3	14.0	14.2
Feb.....	13.6	13.6	15.1	14.5	15.4	14.1	13.9	13.7	13.6	14.4	14.8	15.1	15.9	14.8	15.8	15.3	14.2
Mar	11.8	11.1	11.6	12.3	12.7	12.5	12.8	12.8	13.8	14.6	15.0	14.6	14.9	14.7	14.7	14.3	13.7
Apr.....	8.2	8.1	8.4	8.5	7.9	7.8	8.2	8.2	9.1	9.5	10.5	10.3	11.0	10.2	10.1	10.1	10.4
May	8.2	8.3	8.8	9.5	8.2	8.2	8.3	9.0	9.3	10.1	10.7	10.6	11.7	11.6	12.0	12.0	11.6
June....	7.9	8.2	7.7	8.1	8.0	8.3	9.1	10.0	10.2	11.1	12.0	12.0	12.4	12.7	11.8	11.5	10.9
July	6.7	6.5	6.8	7.2	7.8	7.5	8.2	8.6	9.1	10.4	11.3	12.7	13.6	13.2	13.0	12.6	11.8
Aug	6.5	6.3	6.1	6.5	6.2	6.6	6.6	6.9	7.7	8.2	9.2	10.0	11.4	11.5	11.4	10.9	9.9
Sept	8.4	8.8	8.9	8.8	8.8	8.7	7.8	8.5	9.4	9.9	10.2	10.2	10.6	11.0	11.4	10.2	9.6
Oct.	9.0	8.7	9.5	10.0	9.8	9.9	10.2	10.4	10.6	11.0	12.1	12.5	13.4	13.5	13.7	13.4	13.2
Nov	15.2	15.7	15.3	14.5	15.0	15.0	14.9	14.6	15.3	15.9	16.0	16.2	16.6	16.4	16.6	16.3	15.8
Dec.....	14.5	14.5	13.8	13.8	14.3	14.1	13.5	13.0	13.7	14.0	14.9	16.7	16.6	16.7	17.3	17.5	16.7
Year....	10.4	10.3	10.5	10.7	10.6	10.5	10.5	10.7	11.2	11.9	12.5	12.9	13.5	13.3	13.5	13.2	12.7

CHICAGO, ILL.

[λ = 41° 53′ N.; φ = 87° 37′ W.]

Jan.....	20.0	19.2	18.5	18.4	18.5	17.9	18.0	16.9	17.6	18.1	18.6	19.2	20.2	19.5	20.5	20.7	19.9
Feb.....	21.4	21.0	20.8	20.8	20.8	20.6	19.2	18.1	18.5	19.3	20.6	20.6	21.1	21.1	21.6	22.4	22.4
Mar.....	21.2	21.0	21.5	21.6	21.0	20.3	19.7	20.3	21.2	21.0	21.8	22.6	24.0	23.6	24.4	24.7	25.7
Apr.....	11.2	11.0	11.5	10.7	10.5	11.2	11.0	12.6	13.5	14.5	14.3	13.6	14.9	15.1	15.7	16.7	17.1
May	17.0	17.5	18.1	18.0	18.2	18.0	16.3	16.9	17.8	18.5	19.1	18.8	19.9	20.3	19.3	19.5	20.9
June....	15.6	16.0	17.3	16.9	15.8	16.1	15.9	15.0	13.9	13.6	13.4	13.9	14.8	14.8	14.7	15.4	14.3
July	14.6	15.5	15.2	14.9	14.7	14.9	14.6	13.6	13.1	13.5	14.6	15.1	15.8	16 7	16.1	15.9	15.9
Aug	13.6	13.8	14.4	14.3	14.3	14.3	14.3	12.5	12.0	12.2	13.4	13.5	14.9	14.9	15.3	15.8	15.8
Sept	16.4	16.4	16.1	17.2	17.5	17.6	17.0	17.2	15.6	16.3	15.3	15.6	16.5	16.2	17.1	17.2	17.0
Oct.....	15.5	15.7	16.1	16.4	16.6	15.9	16.5	17.0	16.6	17.4	17.4	17.4	18.4	17.9	17.0	17.4	17.3
Nov	16.0	16.9	16.8	17.9	18.6	18.6	18.9	18 3	18.8	18.5	18.0	17.2	17.8	17.0	16.8	16.7	16.6
Dec.....	18.1	17.7	17.9	18.1	18.6	18.5	19.2	19.5	19.2	19.3	18.5	18.4	19.6	19.8	19.8	20.0	19.1
Year....	16.7	16.8	17.0	17.1	17.1	17.0	16.7	16.5	16.5	16.8	17.1	17.2	18.2	18.1	18.2	18.5	18.5

WIND—VELOCITY AND FREQUENCY.

BISMARCK, N. DAK.

[h_a = 69 ft., 29 ft. *a*; local time, 1h 42m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
9.4	8.1	7.6	7.2	7.3	7.9	7.1	8.4	48	114	18	75	95	53	17	65	276	31	Jan.
13.1	12.2	10.6	9.5	8.8	8.9	9.9	10.6	36	40	7	37	119	14	25	122	303	5	Feb.
16.6	15.6	14.4	12.9	11.2	11.0	11.0	13.1	53	97	58	39	88	46	69	32	311	4	Mar.
17.3	15.8	14.4	12.7	12.6	12.7	13.2	14.2	50	96	62	113	198	5	31	33	178	4	Apr.
18.3	17.6	17.9	14.5	13.6	13.2	11.5	14.0	54	28	187	104	175	34	15	20	173	8	May.
13.8	13.2	12.5	10.9	8.9	9.1	9.0	10.3	39	60	29	99	182	137	43	45	119	6	June.
12.6	12.5	11.3	9.1	7.6	6.8	6.3	8.5	36	109	58	59	95	124	60	45	184	10	July.
11.1	10.0	8.5	8.4	7.5	7.7	7.8	8.1	36	91	94	178	78	110	56	34	80	23	Aug.
15.6	13.4	10.9	9.9	9.8	9.5	9.2	10.5	59	77	37	84	46	98	25	95	249	9	Sept.
14.6	11.4	9.4	8.8	8.5	7.9	8.1	10.8	40	121	37	152	79	37	11	50	244	13	Oct.
12.2	9.9	9.0	8.9	8.7	8.7	8.6	11.5	54	138	23	31	91	84	68	32	250	3	Nov.
7.8	6.6	6.3	6.8	6.1	6.5	7.2	7.9	38	83	30	79	73	30	59	85	282	23	Dec.
13.5	12.2	11.1	10.0	9.2	9.2	9.1	10.7	.....	1,054	640	1,050	1,319	772	479	658	2,649	139	Year.

a June 1, 1894.

BOSTON, MASS.

[h_a = 181 ft.; local time, 16m fast.]

12.6	12.5	12.5	11.8	11.7	12.1	12.3	12.3	51	86	67	52	10	15	135	218	161	0	Jan.
12.9	12.6	12.9	13.3	12.9	12.9	12.2	13.1	49	82	69	29	15	27	142	158	150	0	Feb.
12.6	12.4	11.7	12.3	11.5	11.1	11.5	12.0	36	14	14	80	66	81	164	179	146	0	Mar.
15.0	13.7	13.6	13.2	13.0	12.9	13.0	13.6	48	84	112	78	33	32	178	118	85	0	Apr.
12.1	11.0	10.5	10.5	10.2	9.4	8.5	10.9	45	27	112	145	54	60	119	91	136	0	May.
11.9	11.3	10.2	10.0	9.9	9.9	9.2	10.5	30	23	77	45	33	34	271	181	56	0	June.
11.2	9.9	9.1	8.8	9.0	8.8	8.6	9.4	33	8	57	124	41	40	238	194	42	0	July.
10.7	9.9	9.2	9.3	9.3	9.2	8.5	9.5	26	43	37	112	73	37	202	148	92	0	Aug.
10.1	9.7	8.9	9.4	9.3	8.8	8.5	9.2	32	18	150	102	36	33	153	122	106	0	Sept.
11.6	11.6	11.4	12.1	11.2	11.1	10.4	11.9	49	40	158	92	27	42	135	199	50	1	Oct.
11.4	10.9	11.2	10.5	10.4	11.2	11.5	12.2	38	62	20	28	32	39	117	264	158	0	Nov.
10.8	11.1	11.4	11.5	11.6	11.9	12.6	11.4	50	65	53	38	7	49	111	215	206	0	Dec.
11.9	11.4	11.0	11.1	10.8	10.8	10.6	11.3	.....	552	926	925	427	489	1,965	2,087	1,388	1	Year.

BUFFALO, N. Y.

[h_a = 108 ft.; local time, 15m slow.]

14.0	13.0	12.1	13.1	13.4	12.9	13.6	13.6	48	24	47	113	17	69	117	178	179	0	Jan.
13.9	13.9	13.7	13.3	14.1	14.2	14.0	14.4	58	30	67	79	16	51	128	161	139	1	Feb.
13.2	13.1	12.1	11.2	11.6	11.4	11.8	13.0	46	21	57	83	22	41	199	185	135	1	Mar.
9.8	9.0	7.9	7.0	7.7	7.9	8.1	8.9	40	36	82	111	48	19	159	154	109	2	Apr.
11.1	9.9	9.5	8.7	8.8	8.5	8.3	9.7	44	38	80	148	30	42	182	140	84	0	May.
10.5	8.8	8.9	8.4	8.1	7.6	7.9	9.7	36	20	20	12	2	79	323	219	42	3	June.
11.7	10.1	8.5	7.6	7.5	7.3	6.8	9.4	48	26	46	51	25	49	227	237	76	7	July.
9.3	8.2	7.4	6.6	6.4	6.2	6.7	8.0	33	72	72	80	32	80	160	116	128	4	Aug.
9.7	10.0	9.5	9.3	9.3	9.0	8.7	9.5	50	35	75	85	29	103	188	82	116	7	Sept.
12.4	12.0	11.4	11.0	11.4	11.5	10.5	11.3	48	25	51	93	52	75	109	99	236	4	Oct.
15.5	15.0	14.5	14.3	13.9	14.2	14.8	15.3	59	43	33	68	30	65	155	110	216	0	Nov.
16.2	16.3	16.4	15.4	15.6	15.9	15.6	15.3	50	20	38	59	36	78	188	121	204	0	Dec.
12.3	11.6	11.0	10.5	10.6	10.6	10.6	11.5	.....	390	668	982	339	751	2,135	1,802	1,664	29	Year.

CHICAGO, ILL.

[h_a = 274 ft.; local time, 50m slow.]

18.7	18.3	18.4	18.8	19.7	20.4	20.3	19.0	51	44	52	9	95	111	215	106	112	0	Jan.
22.6	20.9	21.0	21.2	21.2	21.5	22.0	20.9	84	51	68	16	48	46	193	89	160	1	Feb.
24.5	22.2	21.7	21.8	22.1	21.9	22.0	22.2	61	35	66	22	73	127	198	100	123	0	Mar.
16.2	15.4	14.2	13.9	13.4	13.7	12.6	13.5	52	37	191	55	159	60	115	44	49	10	Apr.
18.9	17.0	16.9	16.3	16.2	17.4	16.9	18.1	62	78	168	34	124	76	124	82	58	0	May.
14.5	13.9	12.7	13.3	13.9	14.1	15.2	14.8	50	33	81	21	131	98	162	113	81	0	June.
15.1	15.2	14.5	14.3	14.1	14.1	13.3	14.8	50	41	181	43	126	62	142	97	52	0	July.
15.4	14.9	14.5	14.6	14.7	14.3	13.9	14.2	43	55	193	62	113	73	141	82	23	2	Aug.
15.7	14.2	13.7	13.9	15.3	17.3	16.7	16.2	48	55	36	27	125	175	161	67	74	0	Sept.
14.6	14.6	15.6	16.1	16.5	16.5	15.4	16.5	48	52	84	17	112	155	132	93	99	0	Oct.
16.7	16.4	15.6	16.2	16.8	16.4	16.0	17.2	60	45	72	12	73	81	153	74	210	0	Nov.
19.2	19.3	19.4	19.8	19.3	19.4	18.6	19.0	60	46	81	21	27	83	233	118	135	0	Dec.
17.7	16.9	16.5	16.7	16.9	17.2	16.9	17.2	.....	572	1,273	339	1,206	1,147	1,969	1,065	1,176	13	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

CINCINNATI, OHIO.

[λ = 39° 6′ N.; φ = 84° 30′ W.] [Seventy-fifth Meridian Time.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.	7.3	7.2	6.6	6.6	6.1	6.4	6.2	6.4	6.8	7.7	8.5	8.2	9.4	9.6	9.6	9.7	9.2
Feb.	8.9	8.4	8.6	9.5	9.4	9.2	8.6	8.6	8.5	9.2	9.5	9.9	10.4	10.4	10.9	11.1	10.9
Mar	6.1	6.0	6.3	6.5	6.9	6.5	6.1	7.1	8.3	8.8	9.5	9.7	10.9	11.1	11.7	10.5	11.2
Apr.	6.2	6.2	6.0	5.5	5.4	5.8	5.7	6.2	7.7	9.0	9.6	9.9	10.2	10.5	10.2	10.2	10.8
May	5.2	5.7	5.0	4.8	5.2	4.8	4.9	6.0	7.3	8.8	9.3	9.7	10.1	9.5	10.2	10.4	9.5
June	4.0	3.5	3.2	3.1	3.5	3.4	3.4	4.3	5.1	6.0	6.9	7.4	8.5	8.5	8.6	9.6	8.7
July	3.9	3.9	3.9	4.3	4.2	3.4	3.9	5.3	6.1	7.2	8.1	8.4	8.7	9.0	9.3	9.5	9.7
Aug	3.9	3.5	3.4	3.0	3.3	3.5	3.5	4.2	4.9	5.6	6.1	6.3	6.9	7.4	7.5	7.9	7.6
Sept	4.4	4.0	4.3	4.2	4.4	3.9	4.4	5.0	5.9	6.9	7.7	8.1	9.4	9.5	9.3	9.3	9.7
Oct	4.8	4.7	4.8	5.1	5.3	5.3	5.1	5.9	7.1	7.8	8.9	9.3	10.2	10.1	10.9	10.5	10.7
Nov	7.2	7.6	7.7	7.4	7.4	7.5	7.7	7.8	8.7	9.7	10.5	10.5	11.1	11.3	10.8	10.2	9.7
Dec.	6.5	7.1	6.9	7.2	7.1	7.1	7.3	8.1	8.5	8.9	9.5	9.5	10.0	10.3	9.7	9.5	9.3
Year	5.7	5.6	5.6	5.6	5.7	5.6	5.6	6.2	7.1	8.0	8.7	8.9	9.6	9.8	9.9	9.9	9.8

CLEVELAND, OHIO.

[λ = 41° 30′ N.; φ = 81° 42′ W.]

Jan.	15.5	14.4	14.9	14.7	15.3	15.6	14.8	14.3	14.8	14.5	14.8	15.6	15.1	14.2	14.6	14.8	13.5
Feb.	15.0	15.9	16.2	15.8	16.1	16.2	15.8	14.8	15.1	16.0	15.9	16.1	16.8	16.7	15.9	15.8	14.9
Mar	13.3	13.1	12.6	14.4	15.1	13.8	13.6	14.7	15.7	16.6	17.6	17.8	18.4	17.5	17.9	16.8	16.2
Apr.	9.9	10.6	10.2	10.5	10.3	10.0	10.0	10.6	11.3	11.3	12.3	12.5	12.4	12.9	12.5	13.3	12.9
May	9.5	9.6	9.5	9.6	10.5	10.6	10.2	10.8	11.8	13.0	12.5	12.6	13.5	14.8	14.1	13.3	12.5
June	8.8	8.8	9.0	8.4	8.6	8.4	8.8	8.7	9.3	9.9	10.3	11.1	12.0	12.7	12.8	12.7	11.0
July	9.8	10.6	10.9	10.6	9.9	9.6	9.8	9.6	9.9	10.8	12.0	11.8	11.8	12.5	11.8	11.6	11.4
Aug	9.0	9.9	9.4	8.7	8.3	8.4	8.2	8.6	8.8	8.9	10.1	10.7	11.4	11.8	12.1	11.7	10.9
Sept	12.5	12.8	13.1	13.1	13.0	12.4	11.8	11.7	11.8	11.4	12.4	13.3	14.2	15.2	15.8	15.3	13.4
Oct	13.5	13.5	13.0	12.6	12.3	11.6	11.7	11.8	12.6	13.4	14.1	14.6	14.7	14.7	15.3	14.3	12.5
Nov	16.7	17.3	16.3	17.3	17.0	17.3	18.0	18.2	18.3	18.9	19.4	19.3	19.6	20.1	20.0	19.6	18.1
Dec.	14.5	14.9	15.3	15.6	15.7	15.4	14.9	15.1	15.0	16.3	16.5	17.2	17.6	16.9	16.4	16.0	15.6
Year	12.3	12.6	12.5	12.6	12.7	12.4	12.3	12.4	12.9	13.4	14.0	14.4	14.8	15.0	14.9	14.6	13.6

DETROIT, MICH.

[λ = 42° 20′ N.; φ = 83° 3′ W.]

Jan.	12.4	11.8	12.0	11.8	11.3	10.7	11.2	11.4	11.9	12.3	12.4	12.4	12.4	13.0	12.4	12.3	12.0
Feb.	14.2	13.2	12.8	12.4	12.8	12.4	12.5	12.3	12.3	13.0	12.6	13.4	13.8	14.4	14.7	14.8	13.7
Mar.	12.1	12.1	12.8	12.5	12.4	12.7	12.0	12.8	13.7	14.3	14.8	15.7	15.9	17.1	16.9	16.4	15.6
Apr.	9.3	9.2	9.1	8.9	8.8	8.2	8.7	9.4	9.7	10.6	11.4	11.9	11.9	12.7	12.6	12.4	11.6
May	9.1	8.8	8.9	8.7	8.2	8.7	9.0	9.6	9.9	10.9	11.8	12.5	13.0	13.8	13.5	13.1	13.2
June	7.2	7.7	8.1	7.6	6.9	7.0	6.9	7.5	8.7	9.7	10.6	11.4	11.9	12.9	12.5	12.2	11.5
July	8.3	8.3	8.3	7.7	7.6	7.8	7.5	7.4	8.0	8.3	9.4	10.7	10.9	11.1	12.2	13.1	12.8
Aug.	6.5	6.5	6.5	6.9	6.4	6.4	6.5	6.8	6.9	7.6	7.6	7.8	8.9	9.6	10.3	10.2	9.3
Sept.	8.6	8.1	8.2	8.2	8.6	9.0	8.5	8.7	9.4	10.5	11.7	12.1	12.4	12.7	12.5	12.8	12.0
Oct.	9.3	9.4	9.3	8.4	8.5	8.8	8.6	8.5	9.3	10.1	11.1	11.4	11.9	13.2	13.6	12.5	11.5
Nov.	12.3	12.1	11.9	11.8	11.8	12.1	12.0	12.1	13.0	14.1	14.5	14.8	15.6	15.8	15.2	14.7	14.2
Dec.	10.6	10.8	11.4	11.8	11.4	12.6	12.7	12.4	12.7	13.4	13.8	14.4	14.3	15.1	15.2	14.5	13.3
Year	10.0	9.8	9.9	9.7	9.6	9.7	9.7	9.9	10.5	11.2	11.8	12.4	12.7	13.4	13.5	13.2	12.6

DODGE CITY, KANS.

[λ = 37° 45′ N.; φ = 100° W.]

Jan.	8.2	8.5	9.3	9.2	8.8	8.8	8.9	8.3	7.6	8.2	9.5	11.1	11.8	12.7	13.0	12.3	11.6
Feb.	10.6	10.8	10.8	10.8	10.1	9.8	10.2	10.5	10.0	10.6	11.0	11.7	12.0	12.4	12.7	12.4	11.9
Mar.	11.7	11.8	11.9	11.3	11.0	10.8	10.5	10.7	11.3	14.6	18.2	18.5	18.4	18.4	18.5	18.3	17.7
Apr.	13.2	13.4	13.1	12.7	11.5	10.6	9.9	9.5	11.5	14.5	16.6	17.5	18.3	18.4	19.7	19.6	19.6
May	12.5	11.6	10.8	10.0	9.9	9.1	9.4	10.6	12.6	15.2	15.9	15.7	14.9	14.5	14.8	14.7	15.0
June	13.2	13.2	13.2	11.2	10.2	10.2	10.1	10.8	13.6	15.5	16.7	16.9	16.8	16.5	17.0	17.6	17.7
July	9.9	9.6	10.1	8.9	8.5	8.3	7.6	7.2	10.0	12.9	12.6	11.8	11.6	12.1	12.3	12.5	12.3
Aug.	8.3	8.2	7.5	6.9	6.4	5.8	4.8	5.4	6.9	9.6	10.9	11.2	12.3	12.8	13.3	13.1	12.3
Sept.	10.3	10.7	10.5	11.6	10.5	9.8	9.3	9.7	10.5	12.8	14.7	14.8	15.1	15.4	15.7	15.6	15.5
Oct.	9.6	9.1	9.6	9.8	10.1	10.1	10.1	9.7	10.6	12.8	15.3	16.6	17.6	17.2	17.1	17.6	16.5
Nov.	8.0	8.1	7.8	7.7	7.2	8.1	8.3	8.5	9.4	10.0	13.0	14.3	14.5	14.9	15.2	14.8	14.2
Dec.	10.1	10.2	10.5	10.8	10.5	10.2	10.1	9.7	9.5	9.7	11.1	12.3	13.7	15.2	14.4	13.5	13.0
Year	10.5	10.4	10.4	10.1	9.6	9.3	9.1	9.2	10.3	12.2	13.8	14.4	14.8	15.0	15.3	15.2	14.8

WIND—VELOCITY AND FREQUENCY—Continued.

CINCINNATI, OHIO.

[h_a = 157 ft.; local time 38^m slow.] [Seventy-fifth Meridian Time.]

6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
8.4	7.8	7.2	7.5	7.1	7.1	7.3	7.7	34	38	52	70	164	130	113	74	103	0	Jan.
10.4	10.1	9.2	8.9	8.9	8.9	9.1	9.5	36	58	70	44	85	111	71	68	162	3	Feb.
10.5	9.0	7.7	7.4	7.0	7.0	6.4	8.3	36	15	20	44	188	115	137	81	130	14	Mar.
10.6	9.1	7.6	6.8	6.4	6.9	5.7	7.8	33	64	84	83	101	56	117	78	97	40	Apr.
9.0	8.2	7.8	6.7	6.4	6.1	5.4	7.3	37	62	39	55	115	111	125	85	132	20	May.
7.9	7.4	5.9	4.8	4.4	3.6	3.7	5.6	36	33	41	44	164	92	157	55	98	36	June.
9.3	8.4	6.9	5.4	4.5	5.1	4.4	6.4	25	77	43	50	103	103	132	66	151	19	July.
8.2	7.5	6.5	5.7	5.5	4.9	4.0	5.4	30	103	135	113	124	53	76	56	58	26	Aug.
8.7	7.4	6.2	5.9	5.8	5.3	5.0	6.4	35	39	110	94	166	90	81	22	106	12	Sept.
9.1	8.2	6.9	6.6	6.5	5.6	5.1	7.3	31	42	39	61	199	86	115	86	104	12	Oct.
9.0	9.1	9.1	9.2	8.2	7.7	7.5	8.9	36	18	26	37	140	116	114	105	156	8	Nov.
8.1	8.1	7.8	7.9	7.5	7.0	6.9	8.2	33	44	68	30	184	106	118	78	116	0	Dec.
9.1	8.4	7.4	6.9	6.5	6.3	5.9	7.4	.....	593	727	725	1,733	1,169	1,356	854	1,413	190	Year.

CLEVELAND, OHIO.

[h_a = 130 ft.; local time, 27^m slow.]

12.6	12.9	13.6	14.3	15.1	15.0	15.5	14.6	54	33	33	35	274	73	147	97	52	0	Jan.
13.1	12.9	13.2	14.3	15.5	15.0	15.4	15.3	44	44	55	19	213	36	99	80	126	0	Feb.
14.7	13.3	12.4	12.6	13.6	13.7	14.1	15.0	48	32	50	17	245	78	146	76	94	6	Mar.
11.6	10.0	9.3	9.3	8.8	9.4	9.8	10.9	46	110	78	30	172	37	66	84	142	1	Apr.
11.8	11.5	10.3	10.1	10.3	10.2	10.2	11.4	41	83	41	52	175	85	81	131	96	0	May.
9.5	7.4	6.1	7.7	7.8	8.4	7.8	9.4	49	66	24	41	193	68	89	132	99	8	June.
9.8	8.5	6.9	7.9	8.7	8.9	9.0	10.2	40	83	41	50	174	88	76	117	115	0	July.
8.9	7.4	6.2	6.2	7.6	8.2	8.2	9.1	36	111	79	39	152	67	52	111	133	0	Aug.
12.2	10.5	10.7	11.1	11.5	11.6	12.1	12.6	46	98	77	50	242	61	36	78	77	1	Sept.
11.1	10.0	11.7	11.7	13.4	14.3	13.4	13.0	62	41	50	31	251	62	161	85	63	0	Oct.
17.8	17.3	17.4	17.0	17.3	17.0	16.5	18.0	52	14	16	13	228	107	104	138	100	0	Nov.
15.2	15.0	14.8	14.7	14.3	14.8	14.9	15.5	45	17	41	12	227	78	174	116	78	1	Dec.
12.4	11.4	11.0	11.4	12.0	12.2	12.2	12.9	.....	732	585	389	2,546	840	1,231	1,245	1,175	17	Year.

DETROIT, MICH.

[h_a = 161 ft.; local time. 32^m slow.]

11.1	11.5	11.6	12.0	11.9	12.5	12.0	11.9	45	41	63	88	56	38	208	168	82	0	Jan.
13.7	13.5	13.0	13.3	13.1	13.8	14.6	13.3	57	39	80	74	19	14	200	154	92	0	Feb.
14.2	12.3	12.4	12.3	12.6	12.9	12.2	13.7	44	20	43	64	57	35	267	170	87	1	Mar.
11.4	10.7	10.1	9.4	9.1	8.8	9.5	10.2	48	57	157	147	50	31	135	64	79	0	Apr.
13.0	11.9	10.9	10.3	9.6	9.8	10.0	10.8	36	44	153	126	55	22	159	94	91	0	May.
10.5	8.3	8.4	7.4	7.7	7.1	7.1	9.0	49	30	47	66	43	36	275	161	61	1	June.
11.6	10.1	8.4	8.3	8.1	7.7	8.3	9.2	37	45	100	73	42	29	235	98	121	1	July.
8.8	8.3	7.3	6.8	7.0	6.8	6.7	7.6	30	45	177	73	36	19	229	55	106	4	Aug.
11.1	9.0	8.9	9.0	8.4	8.4	8.5	9.9	40	27	81	88	78	29	258	76	80	3	Sept.
10.0	9.3	9.6	10.3	10.1	10.5	10.6	10.2	36	29	59	48	87	53	205	192	70	1	Oct.
13.1	12.7	12.9	12.9	12.5	12.0	12.3	13.2	46	36	48	22	40	34	213	156	171	0	Nov.
12.4	11.5	12.1	12.2	12.6	12.4	12.0	12.7	42	42	54	27	20	28	330	123	119	1	Dec.
11.7	10.8	10.5	10.4	10.2	10.2	10.3	11.0	.....	455	1,062	896	583	368	2,714	1,511	1,159	12	Year.

DODGE CITY, KANS.

[h_a = 52 ft.; local time, 1^h 40^m slow.]

11.6	9.2	7.5	7.0	7.8	8.5	8.3	9.5	39	109	119	44	152	80	76	43	117	4	Jan.
11.6	9.9	9.0	8.9	10.0	10.6	10.2	10.8	45	134	147	6	70	51	56	42	164	2	Feb.
18.2	17.7	15.5	12.6	12.4	11.6	11.7	14.3	48	116	111	27	180	130	52	14	114	0	Mar.
19.4	18.9	16.6	12.8	12.2	13.5	13.5	14.9	47	80	38	58	226	59	68	32	154	5	Apr.
15.3	15.6	15.2	13.1	13.1	13.3	13.5	13.2	47	82	168	55	266	108	13	13	39	0	May.
18.7	19.1	19.7	17.8	16.6	16.1	14.3	15.1	46	30	82	60	294	190	42	3	16	3	June.
12.6	13.4	13.9	13.6	11.7	11.1	9.6	11.0	47	19	130	24	286	190	44	7	40	4	July.
11.8	12.3	11.9	10.5	9.0	8.3	8.1	9.5	36	52	110	80	216	217	24	18	22	5	Aug.
16.1	15.3	12.3	9.9	9.8	10.4	11.2	12.4	46	55	116	58	186	217	42	11	29	6	Sept.
15.3	12.5	9.3	9.4	9.8	9.8	9.3	12.3	45	61	75	26	191	117	72	34	161	7	Oct.
12.7	9.4	8.3	8.8	8.6	8.5	7.6	10.3	43	139	143	34	52	92	86	66	105	3	Nov.
11.0	8.7	8.6	9.1	9.2	9.4	9.5	10.8	41	133	105	3	118	55	65	87	174	4	Dec.
14.5	13.5	12.3	11.1	10.8	10.9	10.6	12.0	.....	1,010	1,344	475	2,237	1,506	640	370	1,135	43	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

EASTPORT, ME.

[λ = 44° 54′ N.; φ = 66° 59′ W.] [Seventy-fifth Meridian Time.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	14.5	14.6	14.9	14.6	14.1	14.7	14.3	13.7	13.9	14.2	14.9	15.0	14.9	14.5	14.4	13.5	13.2
Feb	14.1	13.0	12.4	12.4	12.5	12.4	12.6	13.6	14.2	15.3	14.7	15.4	15.1	16.4	15.8	15.5	14.7
Mar	8.9	8.8	8.8	9.2	9.2	9.8	9.9	11.1	12.2	12.6	13.4	14.0	13.7	13.4	13.3	12.4	11.5
Apr	12.4	12.2	11.7	11.2	11.8	12.6	12.7	13.1	13.3	13.6	14.7	15.2	15.4	15.8	16.1	16.0	15.4
May	6.9	7.1	7.1	6.9	7.3	8.8	8.7	9.1	10.2	10.9	11.6	12.2	11.0	11.3	11.3	10.6	10.3
June	5.9	5.5	5.5	5.1	5.7	5.3	5.5	5.8	5.9	6.7	7.2	8.0	9.0	8.6	8.7	9.7	9.4
July	5.8	5.1	5.0	4.2	4.3	3.9	4.3	5.2	5.1	6.0	6.7	8.2	8.5	9.2	9.5	8.9	8.7
Aug	5.5	5.6	5.1	5.3	4.9	5.5	5.1	4.8	5.1	5.6	6.9	7.6	7.8	8.5	8.0	8.3	7.4
Sept	7.2	7.0	6.5	6.7	7.4	6.8	6.8	8.1	8.5	8.7	10.0	10.1	10.8	10.9	10.8	10.3	8.7
Oct	9.5	9.7	9.5	10.1	10.5	10.3	10.0	10.6	11.2	11.8	11.7	12.1	12.0	12.3	12.1	11.7	11.3
Nov	12.7	11.9	12.7	12.6	12.2	13.0	13.9	13.9	16.1	16.8	16.9	16.1	15.5	14.8	15.0	14.2	13.8
Dec	12.9	13.1	12.9	13.3	12.9	13.5	12.9	12.5	12.2	12.4	12.2	12.2	11.9	11.9	12.0	11.7	11.2
Year	9.7	9.5	9.3	9.3	9.4	9.7	9.7	10.1	10.7	11.2	11.7	12.2	12.1	12.3	12.2	11.9	11.3

GALVESTON, TEX.

[λ = 29° 18′ N.; φ = 94° 50′ W.]

Jan	9.7	10.6	10.8	11.1	11.2	10.7	10.5	10.4	10.9	11.8	11.7	11.8	11.5	11.6	11.7	11.5	11.3
Feb	14.0	13.5	13.3	13.3	13.8	13.5	13.4	13.6	14.2	15.0	15.1	14.1	14.7	14.4	14.0	13.9	13.8
Mar	13.5	13.1	12.7	12.4	13.1	12.8	12.5	12.5	12.5	12.3	12.7	12.5	12.9	13.0	13.3	13.2	13.3
Apr	11.6	10.9	10.7	10.8	10.4	10.0	10.1	10.5	11.1	11.9	12.3	12.7	13.6	13.1	13.3	13.1	13.2
May	11.3	11.6	11.3	10.8	10.5	9.8	9.9	10.1	11.1	11.2	11.7	11.8	12.2	12.0	12.7	12.7	12.6
June	11.1	10.9	11.1	10.6	10.6	9.7	9.5	9.4	10.0	10.5	10.5	10.5	11.0	11.6	11.4	11.2	11.2
July	10.0	9.9	9.8	9.6	9.1	8.2	7.4	7.7	8.2	8.8	9.2	9.0	9.4	10.5	11.4	12.1	11.6
Aug	7.8	7.7	7.3	6.8	6.3	6.1	6.2	6.3	6.0	6.2	7.2	7.9	8.2	8.7	9.0	9.1	8.6
Sept	8.7	8.6	8.7	8.7	9.4	9.0	8.7	8.1	9.1	9.5	9.5	9.1	9.6	9.6	9.2	9.3	8.8
Oct	10.4	10.4	10.2	9.5	9.9	9.8	9.6	9.6	9.8	10.2	10.9	11.2	11.5	12.0	11.9	11.7	11.9
Nov	10.6	10.7	10.3	10.2	9.9	10.1	10.1	10.8	11.0	10.8	11.2	11.2	11.6	10.9	10.5	10.4	9.8
Dec	10.9	11.3	11.4	11.6	12.5	11.7	11.5	12.0	11.5	11.4	11.7	11.3	10.8	11.0	11.2	10.6	10.3
Year	10.8	10.8	10.6	10.4	10.6	10.1	10.0	10.1	10.4	10.8	11.1	11.1	11.4	11.5	11.6	11.6	11.4

HAVRE, MONT.

[λ = 48° 34′ N.; φ = 109° 40′ W.]

Jan	9.6	9.2	9.8	10.2	9.6	10.4	10.3	9.9	9.4	10.4	11.8	12.4	13.2	12.5	13.5	13.2	13.2
Feb	10.8	10.8	11.1	10.2	10.7	11.3	11.1	10.5	9.8	11.0	11.8	13.6	14.4	14.2	14.0	14.5	14.5
Mar	9.0	9.2	8.6	7.6	8.2	8.7	8.6	8.5	9.7	9.8	11.2	12.9	13.5	14.1	13.9	14.1	13.3
Apr	6.6	7.6	7.9	8.0	8.0	7.8	7.7	7.5	8.2	9.2	11.5	13.8	14.0	14.8	15.2	15.8	15.2
May	7.5	7.5	7.1	6.1	7.0	7.9	7.3	7.9	9.6	10.8	11.9	12.6	13.5	13.0	13.7	13.2	13.1
June	6.2	7.7	7.2	6.0	6.1	6.6	6.6	7.2	9.5	10.6	12.1	12.2	11.8	12.5	12.5	12.3	12.0
July	4.2	5.2	6.5	5.0	4.1	3.9	4.1	4.5	5.9	7.0	7.5	7.7	7.7	7.7	8.7	9.9	10.1
Aug	4.6	4.8	4.9	4.6	4.0	4.2	4.4	4.7	5.3	6.0	6.4	6.9	7.6	8.3	8.6	8.2	8.4
Sept	6.7	7.0	6.9	6.5	7.1	7.0	7.1	7.4	6.6	9.0	10.7	13.1	14.1	14.7	14.9	14.7	14.7
Oct	7.7	9.0	8.4	8.4	7.7	7.6	7.9	8.5	8.9	9.6	10.5	12.0	13.4	14.4	14.2	13.8	13.1
Nov	10.2	8.9	9.1	9.1	9.9	9.4	9.1	9.1	8.8	9.0	9.7	9.9	11.7	12.7	13.7	13.5	13.1
Dec	7.9	8.1	8.4	9.2	8.4	8.6	8.6	8.0	7.5	7.5	7.7	8.4	10.0	11.0	10.9	10.9	10.3
Year	7.6	7.9	8.0	7.6	7.6	7.8	7.7	7.8	8.3	9.2	10.2	11.3	12.1	12.5	12.8	12.8	12.6

KANSAS CITY, MO.

[λ = 39° 5′ N.; φ = 94° 37′ W.]

Jan	9.4	8.8	8.8	9.1	8.8	8.8	8.3	8.6	9.1	9.5	10.0	10.8	10.4	10.7	10.5	10.3	10.0
Feb	11.3	10.0	9.5	9.6	9.5	10.1	10.5	10.4	10.3	10.6	10.8	11.6	12.1	11.8	11.7	12.0	12.1
Mar	11.0	10.6	10.2	10.1	10.4	10.5	10.6	11.0	12.4	13.5	14.3	14.5	14.9	14.8	14.9	14.8	14.8
Apr	8.4	8.5	8.1	8.2	8.6	8.4	8.3	9.1	10.0	10.7	11.2	11.4	12.4	12.2	11.9	12.1	12.0
May	7.0	6.6	6.5	7.1	7.5	7.6	8.3	8.8	9.5	10.5	11.4	11.7	12.4	11.7	12.0	11.9	11.6
June	7.4	7.1	6.6	6.5	6.8	6.9	6.5	7.3	8.3	8.6	10.2	9.9	10.4	10.0	10.3	10.1	10.6
July	5.7	5.7	6.2	6.0	6.0	5.9	6.2	6.1	6.6	7.4	7.7	8.6	9.5	9.5	9.5	9.1	8.6
Aug	5.7	5.1	5.5	5.7	5.2	4.7	4.5	4.6	5.5	5.8	6.3	6.7	7.1	7.3	7.7	7.6	7.6
Sept	7.8	7.7	7.5	6.8	7.0	6.8	6.4	6.5	7.6	8.4	9.0	9.4	9.8	9.5	9.8	9.9	9.9
Oct	8.1	8.1	8.2	7.7	8.0	7.4	7.3	7.2	7.5	8.2	8.9	9.7	10.3	10.0	10.1	10.0	9.8
Nov	9.6	9.5	9.3	9.6	9.2	9.2	9.4	9.4	9.6	9.6	10.2	10.4	11.4	11.0	11.3	11.8	11.6
Dec	9.9	9.5	9.3	8.5	8.6	8.1	8.5	8.9	9.2	9.4	10.1	10.8	11.6	11.6	11.8	12.0	11.6
Year	8.4	8.1	8.0	7.9	8.0	7.9	7.9	8.2	8.8	9.4	10.0	10.5	11.0	10.8	11.0	11.0	10.8

WIND—VELOCITY AND FREQUENCY—Continued.

EASTPORT, ME.

[h_a = 74 ft.; local time, 32m fast.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
14.4	15.1	15.8	15.4	15.0	14.4	15.3	14.6	78	157	110	20	52	3	92	96	214	0	Jan.
14.6	14.7	14.6	13.5	13.8	13.7	14.1	14.1	50	92	83	22	24	42	140	82	186	1	Feb.
11.0	10.4	10.9	10.4	10.3	9.4	9.3	11.0	42	103	42	37	44	100	163	97	148	10	Mar.
14.7	12.8	13.1	13.1	13.2	13.1	13.2	13.6	51	125	207	46	22	65	125	48	52	30	Apr.
9.8	9.2	8.5	7.9	7.6	7.1	7.1	9.1	36	57	105	88	57	96	179	27	82	53	May.
8.4	7.5	7.4	7.3	7.6	6.2	5.8	7.0	28	37	56	46	34	148	283	47	18	51	June.
8.6	7.7	6.5	6.2	6.4	6.1	6.4	6.5	23	71	19	15	52	193	249	59	51	35	July.
6.8	6.0	5.8	6.2	6.2	6.4	6.6	6.3	25	102	20	23	36	166	178	91	85	43	Aug.
9.0	9.1	8.5	8.5	7.9	8.0	7.9	8.5	36	54	57	65	21	106	170	113	93	41	Sept.
10.7	10.6	10.6	10.2	11.3	11.1	10.7	10.9	42	30	85	75	83	39	155	109	138	30	Oct.
14.0	14.6	14.1	13.8	13.2	12.2	12.6	14.0	56	74	72	3	40	31	134	206	157	3	Nov.
11.5	11.0	11.6	12.6	12.8	13.5	13.9	12.4	60	86	64	2	36	63	167	117	199	10	Dec.
11.1	10.7	10.6	10.4	10.4	10.1	10.2	10.7	.....	988	920	442	501	1,052	2,035	1,092	1,423	307	Year.

GALVESTON, TEX.

[h_a = 96 ft.; local time, 1h 19m slow.]

10.3	10.3	9.8	9.6	9.9	10.2	10.0	10.8	50	77	98	76	158	168	68	8	84	7	Jan.
13.4	12.8	13.2	13.4	13.4	13.8	13.9	13.8	43	65	131	48	160	76	59	14	119	0	Feb.
13.5	13.1	13.0	12.6	13.2	14.5	14.3	13.0	40	34	107	50	307	150	54	6	34	2	Mar.
13.0	12.6	11.4	11.9	12.4	12.9	12.3	11.9	33	10	46	69	298	183	67	27	18	2	Apr.
12.4	12.2	11.5	11.2	11.6	11.4	10.5	11.4	44	59	36	3	228	297	95	2	23	1	May.
11.2	11.0	11.2	10.8	11.1	11.3	10.8	10.8	28	10	35	80	258	276	41	18	1	1	June.
11.5	10.9	10.2	9.7	9.3	9.5	10.0	9.7	35	30	51	49	162	210	180	34	28	0	July.
8.6	8.3	7.9	7.0	6.6	6.7	6.9	7.4	30	10	29	29	105	228	234	96	9	4	Aug.
9.0	8.6	8.1	8.4	8.3	8.5	8.9	8.9	33	48	143	68	220	187	23	13	14	4	Sept.
11.1	9.9	9.5	10.2	10.4	10.4	10.2	10.5	44	61	109	54	181	139	104	40	52	4	Oct.
9.2	8.5	8.9	9.7	9.8	9.8	10.0	10.2	32	113	140	117	163	102	49	3	29	4	Nov.
10.0	10.1	10.5	10.9	11.1	11.3	11.3	11.2	40	117	169	81	146	101	58	25	46	1	Dec.
11.1	10.7	10.4	10.4	10.6	10.9	10.8	10.8	.....	634	1,094	724	2,386	2,117	1,032	286	457	30	Year.

HAVRE, MONT.

[h_a = 33 ft.; local time, 2h 19m slow.]

11.9	10.5	9.3	9.4	9.8	9.6	10.2	10.8	50	38	125	16	8	5	225	172	121	34	Jan.
14.1	14.2	12.6	11.5	11.1	10.5	10.7	12.0	38	32	44	0	32	20	245	158	124	17	Feb.
12.5	11.1	9.5	8.8	8.8	9.1	8.7	10.4	53	111	67	42	10	1	254	156	72	31	Mar.
14.8	14.1	12.6	10.5	8.2	7.4	7.8	10.6	44	40	61	41	32	12	197	162	170	5	Apr.
12.6	12.8	12.1	10.9	8.0	8.1	7.2	10.1	44	44	61	159	110	9	99	134	124	4	May.
11.7	11.3	11.3	10.3	8.0	7.0	6.3	9.4	36	53	29	56	64	36	198	169	108	7	June.
10.2	10.2	9.5	8.0	7.1	6.2	5.1	6.9	44	48	67	70	17	29	148	154	187	24	July.
8.1	7.5	8.1	8.3	5.9	5.3	4.9	6.2	41	73	110	57	53	35	152	97	141	26	Aug.
13.4	12.5	11.1	8.6	6.9	7.1	6.3	9.8	44	32	9	24	18	33	194	237	149	24	Sept.
11.2	9.8	7.1	6.2	6.4	7.4	6.7	9.6	36	67	44	8	41	5	221	224	99	35	Oct.
13.1	12.1	11.6	10.3	9.8	9.8	10.7	10.6	40	58	52	72	3	11	170	190	134	30	Nov.
9.2	8.1	7.5	7.4	7.8	8.5	8.9	8.7	38	66	96	51	2	1	171	208	113	36	Dec.
11.9	11.2	10.2	9.2	8.2	8.0	7.8	9.6	.....	662	765	596	390	197	2,274	2,061	1,542	273	Year.

KANSAS CITY, MO.

[h_a = 95 ft.; local time, 1h 18m slow.]

9.6	9.6	9.2	9.2	9.2	9.3	9.4	9.5	35	97	51	30	118	206	64	24	154	0	Jan.
11.5	11.1	10.2	10.7	10.3	10.6	11.0	10.8	36	164	102	52	29	91	113	48	73	0	Feb.
14.0	12.8	11.2	10.6	10.8	10.8	10.8	12.3	36	96	70	45	73	106	183	51	120	0	Mar.
11.9	11.5	9.7	8.8	8.8	8.1	8.2	9.9	34	61	44	103	172	140	57	17	125	1	Apr.
10.8	10.4	9.1	7.4	6.6	6.6	7.1	9.2	34	119	154	53	92	181	69	17	56	3	May.
9.8	8.9	7.7	7.0	7.3	7.7	6.8	8.3	33	64	68	38	162	249	86	20	31	2	June.
8.2	7.5	6.3	4.6	5.1	5.8	5.7	7.0	35	107	124	69	236	119	28	10	36	15	July.
7.6	7.0	5.9	5.8	5.9	5.3	5.2	6.1	24	121	119	68	130	157	69	7	47	26	Aug.
9.0	8.1	6.4	6.7	7.3	7.3	7.5	8.0	29	65	55	65	292	125	31	11	70	6	Sept.
8.9	7.3	7.3	8.0	8.0	8.5	8.3	8.4	36	27	21	35	186	119	120	60	176	0	Oct.
10.2	8.6	9.1	9.4	9.7	9.8	9.7	9.9	35	62	48	33	123	130	61	16	243	4	Nov.
10.4	10.2	10.7	10.3	10.8	10.8	10.4	10.1	33	88	34	27	101	158	126	28	182	0	Dec.
10.2	9.4	8.6	8.2	8.3	8.4	8.3	9.1	.....	1,071	890	618	1,714	1,781	1,007	309	1,313	57	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

KEY WEST, FLA.

[λ=24° 34′ N.; φ=81° 49′ W.] [Seventy-fifth Meridian Time.]

1894	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	10.3	9.9	9.6	8.9	9.4	9.3	9.4	9.3	9.7	10.0	11.1	11.8	12.1	11.9	11.5	11.5	11.2
Feb	10.1	10.3	9.9	9.5	9.3	8.8	8.7	9.2	9.9	11.3	12.0	12.5	12.3	11.9	11.4	11.0	10.4
Mar	9.3	9.3	9.8	9.1	9.2	9.1	8.9	9.1	10.2	11.1	11.8	11.9	12.2	12.6	12.6	12.0	12.2
Apr	8.0	7.6	7.0	7.1	6.8	6.7	6.9	7.5	8.2	8.5	8.7	8.8	8.8	9.3	9.1	8.6	8.4
May	7.7	7.9	7.6	7.8	7.0	7.4	6.7	7.8	8.9	9.2	9.5	9.5	9.0	8.8	9.0	8.9	9.5
June	6.9	7.1	6.7	6.4	6.8	7.1	7.9	8.3	9.6	10.1	10.2	10.5	9.5	10.2	10.0	9.7	9.5
July	5.6	5.6	5.4	5.6	5.3	7.4	5.6	6.7	7.3	7.9	8.6	8.4	8.3	8.3	7.5	7.7	7.5
Aug	4.5	4.6	4.5	4.5	4.4	4.3	4.3	5.3	6.5	6.7	6.7	7.0	6.9	6.9	6.4	6.3	6.3
Sept	7.3	7.9	7.6	7.6	7.9	8.7	7.9	8.6	9.9	10.6	11.1	12.1	11.7	11.7	11.2	11.0	10.8
Oct	12.1	12.5	12.1	11.5	11.7	11.7	12.3	12.3	12.8	12.8	12.9	12.4	12.3	13.3	13.4	12.9	12.7
Nov	11.9	11.7	12.0	11.9	11.4	11.1	11.2	11.2	11.9	13.0	13.6	14.1	13.8	14.3	13.9	13.8	13.1
Dec	12.5	13.2	12.7	12.5	12.3	12.6	12.6	12.6	12.0	12.3	12.9	13.2	12.8	13.5	13.3	13.3	13.0
Year	8.8	9.0	8.7	8.5	8.5	8.5	8.5	9.0	9.7	10.3	10.8	11.0	10.8	11.1	10.8	10.6	10.4

MARQUETTE, MICH.

[λ=46° 34′ N.; φ=87° 24′ W.]

Jan	9.2	9.6	10.0	10.5	10.8	11.1	10.7	10.3	11.2	11.0	10.4	11.1	10.5	10.6	10.4	9.7	9.6
Feb	11.6	11.2	9.8	9.4	10.4	10.9	10.4	9.6	10.2	10.1	10.0	10.6	11.2	11.5	11.9	12.5	11.8
Mar	12.4	12.9	12.8	12.5	12.3	11.5	11.6	12.5	12.2	12.4	12.5	12.7	13.5	12.9	12.8	12.3	11.8
Apr	7.9	8.2	8.5	8.9	8.5	8.3	9.2	9.6	10.9	11.9	12.2	12.5	12.6	13.6	12.8	12.1	11.1
May	9.9	11.3	12.1	12.5	12.5	12.3	11.7	11.6	12.8	13.5	13.6	13.7	13.3	13.7	13.2	12.8	12.9
June	8.0	8.3	9.1	8.7	8.8	8.7	7.9	8.6	8.4	8.9	8.8	8.6	8.8	9.1	8.5	8.7	7.0
July	9.9	10.2	9.8	9.8	10.4	10.8	10.2	9.6	10.2	10.3	10.7	10.7	11.0	10.4	10.0	10.1	9.5
Aug	8.7	8.7	8.9	9.1	8.8	9.4	9.2	9.2	9.6	10.2	10.1	10.2	9.7	10.0	9.8	10.1	9.7
Sept	12.4	13.1	11.8	12.0	11.0	10.0	9.2	10.0	11.7	12.1	13.4	13.9	14.0	14.6	14.6	14.6	12.9
Oct	9.9	10.6	10.6	11.0	10.2	10.4	9.8	10.0	11.2	12.2	13.6	13.9	14.3	14.5	14.6	13.7	13.1
Nov	12.1	12.2	11.9	11.5	12.4	12.4	12.0	12.2	12.6	12.3	12.6	12.6	13.4	13.2	12.1	11.4	10.8
Dec	11.2	11.5	10.4	10.4	11.3	10.9	10.7	10.3	10.6	10.4	10.2	10.7	11.0	10.9	11.3	10.6	10.4
Year	10.3	10.6	10.5	10.5	10.6	10.6	10.2	10.3	11.0	11.3	11.5	11.8	11.9	12.1	11.8	11.6	10.9

MEMPHIS, TENN.

[λ=35° 9′ N.; φ=90° 3′ W.]

Jan	7.1	7.3	7.6	6.9	6.8	7.1	7.1	7.2	7.5	8.1	8.5	8.9	8.7	8.3	7.9	7.8	7.8
Feb	9.6	9.0	9.0	8.2	8.5	8.2	9.3	9.0	9.6	9.9	9.7	10.2	11.0	10.6	11.5	11.0	10.4
Mar	9.0	9.5	9.3	8.2	8.7	8.8	8.5	8.2	9.6	9.7	9.2	9.7	10.6	10.4	10.1	9.8	9.5
Apr	7.3	7.4	7.0	6.7	6.7	7.0	7.2	7.7	8.0	8.7	9.2	9.7	9.9	9.5	9.5	9.4	9.0
May	6.0	5.7	5.7	5.1	5.6	5.4	5.6	5.9	6.4	8.0	8.1	8.7	9.3	8.7	8.8	8.6	9.1
June	5.6	5.1	5.2	4.8	4.6	4.6	4.3	4.7	5.8	5.7	6.1	6.6	7.2	7.2	7.3	7.7	7.8
July	4.0	3.6	3.6	3.8	3.5	3.3	3.7	3.6	4.3	4.9	5.6	5.5	6.9	6.9	7.1	7.6	6.7
Aug	4.4	4.0	4.0	3.5	3.7	3.6	3.6	3.7	5.0	5.5	5.8	6.2	6.8	6.5	7.0	7.3	7.2
Sept	5.0	5.2	5.2	4.9	5.0	4.8	4.7	5.0	5.9	6.7	7.0	7.7	8.4	8.0	8.1	7.6	7.5
Oct	5.6	5.3	5.7	6.0	6.3	5.5	5.5	5.4	5.5	7.3	7.9	7.9	8.8	8.5	8.7	8.1	8.6
Nov	8.5	7.7	7.0	7.6	7.1	7.4	7.8	7.7	8.2	8.3	8.6	8.7	9.0	8.3	8.2	8.8	7.9
Dec	7.1	7.1	6.8	7.4	7.4	6.9	7.5	7.3	6.9	7.7	8.6	8.4	8.6	8.4	8.1	8.1	7.5
Year	6.6	6.4	6.4	6.1	6.2	6.0	6.2	6.3	6.9	7.5	7.9	8.2	8.8	8.4	8.5	8.5	8.2

NEW ORLEANS, LA.

[λ=29° 58′ N.; φ=90° 4′ W.]

Jan	8.2	8.2	7.9	7.9	7.5	8.0	7.4	7.0	7.8	8.8	9.2	9.9	11.0	11.1	11.7	11.4	11.7
Feb	9.5	9.9	9.8	9.2	8.9	8.8	9.2	8.6	10.0	11.5	12.2	11.7	13.1	12.5	11.9	11.7	11.8
Mar	9.4	9.2	9.0	9.3	9.0	8.0	8.8	8.6	9.6	10.5	11.6	12.4	12.2	12.7	12.4	12.5	12.7
Apr	6.5	6.2	5.9	5.6	6.0	6.2	5.9	6.4	7.6	9.9	11.0	11.0	11.0	11.3	11.7	11.4	10.4
May	5.2	5.0	4.2	4.1	4.1	4.1	3.9	4.9	5.9	7.4	8.6	8.6	8.8	9.2	9.1	8.9	8.7
June	4.1	4.3	3.9	3.5	3.6	4.0	4.0	4.7	6.3	7.3	7.6	7.4	7.7	8.0	8.1	7.3	7.4
July	4.1	4.1	4.3	4.0	4.4	4.0	3.7	4.6	6.3	6.4	6.7	7.1	8.2	7.7	8.2	8.4	7.4
Aug	4.2	3.9	4.1	4.1	3.7	4.0	3.5	3.7	5.1	6.2	6.8	7.1	7.7	7.6	7.6	8.0	8.0
Sept	4.8	4.8	4.9	4.8	5.2	5.3	5.2	6.1	7.1	8.5	9.0	8.6	9.4	9.8	9.3	9.3	8.7
Oct	6.6	6.9	6.8	6.5	6.7	6.9	6.7	7.0	7.5	8.9	10.2	10.5	10.1	10.8	10.0	9.8	8.8
Nov	6.5	6.6	6.3	6.6	7.0	7.1	7.0	7.2	7.8	8.3	8.9	8.6	8.4	9.1	9.5	9.0	8.6
Dec	8.2	8.4	7.8	8.3	8.5	8.3	8.1	8.2	9.3	9.1	9.6	9.6	9.6	10.4	10.5	10.5	9.7
Year	6.4	6.5	6.2	6.2	6.2	6.2	6.1	6.4	7.5	8.6	9.3	9.4	9.8	10.0	10.0	9.8	9.5

WIND—VELOCITY AND FREQUENCY—Continued.

KEY WEST, FLA.

[h_a = 50 ft.; local time, 27^m slow.] [Seventy-fifth Meridian Time.]

6^h	7^h	8^h	9^h	10^h	11^h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
10.5	9.6	10.5	10.1	10.2	10.4	10.6	10.4	33	68	221	320	96	5	18	1	12	3	Jan.
9.8	8.2	8.9	9.4	9.9	10.1	10.0	10.2	42	65	80	189	236	48	32	3	19	0	Feb.
11.7	10.6	10.5	10.4	10.3	9.9	9.7	10.6	38	53	134	280	176	17	21	27	34	2	Mar.
8.3	7.7	7.9	8.8	9.2	8.6	8.3	8.1	33	122	115	231	81	39	31	5	93	3	Apr.
9.1	9.5	9.2	8.8	8.5	8.1	7.9	8.5	29	112	108	223	126	28	35	33	74	5	May.
9.5	8.4	8.3	8.2	8.2	8.0	7.5	8.5	32	1	23	382	111	68	50	16	67	2	June.
6.7	6.3	5.9	6.1	5.8	5.6	6.1	6.6	30	17	22	230	286	98	39	17	34	1	July.
6.3	4.9	4.9	5.1	4.9	5.0	5.2	5.5	35	18	65	258	259	53	49	16	23	3	Aug.
10.3	9.2	9.3	9.4	8.2	8.6	8.2	9.5	87	26	98	200	168	95	44	76	6	7	Sept.
12.7	12.7	12.8	12.7	12.5	12.6	12.7	12.5	35	112	180	163	131	35	15	77	30	1	Oct.
12.2	11.6	13.0	13.3	12.3	13.2	12.8	12.6	32	49	323	193	116	16	7	1	15	0	Nov.
12.4	12.0	13.1	13.3	13.1	12.8	12.6	12.8	39	210	336	102	58	9	4	10	15	0	Dec.
10.0	9.2	9.5	9.6	9.4	9.4	9.3	9.6	.....	853	1,705	2,771	1,844	511	345	282	422	27	Year.

MARQUETTE, MICH.

[h_a = 95 ft.; local time, 49^m slow.]

9.3	9.6	9.7	10.8	10.3	9.8	9.5	10.2	46	93	36	21	68	132	58	175	155	6	Jan.
10.6	10.4	9.9	11.5	13.1	12.9	12.5	11.0	37	85	52	20	20	135	90	130	140	0	Feb.
11.8	10.9	10.4	10.4	10.6	11.7	11.9	12.1	41	83	71	41	86	117	68	103	172	3	Mar.
10.5	8.8	8.2	8.3	7.8	7.2	7.4	9.9	45	139	151	41	75	112	37	14	126	25	Apr.
12.5	11.8	10.8	9.4	9.3	9.7	10.1	12.0	41	204	52	17	74	71	37	64	217	8	May.
6.6	5.5	5.5	5.5	5.7	6.6	7.7	7.8	38	172	74	38	59	70	64	99	120	24	June.
7.7	6.4	5.6	5.3	6.5	8.2	9.4	9.3	38	158	87	26	36	62	113	85	164	13	July.
8.5	7.3	6.8	7.3	7.9	8.6	8.9	9.0	44	227	77	4	43	57	81	100	144	11	Aug.
11.0	9.2	9.3	9.1	9.4	10.1	11.2	11.7	44	46	34	9	83	162	159	125	98	4	Sept.
11.7	10.6	10.1	9.3	9.1	9.7	9.8	11.4	38	98	34	12	74	200	89	69	164	4	Oct.
10.2	10.1	11.0	11.9	12.5	12.6	12.3	12.0	48	80	44	14	52	135	95	119	180	1	Nov.
9.8	10.3	10.4	11.3	11.1	12.5	12.6	10.9	40	54	27	4	26	160	96	175	202	0	Dec.
10.0	9.2	9.0	9.2	9.4	10.0	10.3	10.6	.....	1,439	739	247	696	1,413	987	1,258	1,882	99	Year.

MEMPHIS, TENN.

[h_a = 116 ft.; local time, 1^h slow.]

7.9	7.8	7.6	8.6	8.2	8.0	7.0	7.7	37	30	104	76	162	114	95	56	107	0	Jan.
10.5	9.1	8.8	9.1	8.8	9.1	8.7	9.5	40	21	189	41	99	66	65	53	138	0	Feb.
9.3	9.0	7.9	7.8	7.5	8.5	8.9	9.1	40	21	71	50	208	152	112	19	111	0	Mar.
9.3	8.6	6.9	6.4	7.2	7.4	7.8	8.1	34	20	59	119	139	125	73	75	109	1	Apr.
8.5	7.3	6.8	6.6	6.5	6.4	6.5	7.1	36	53	101	65	68	90	106	93	165	3	May.
7.7	7.2	5.6	5.7	5.3	5.2	5.2	5.9	34	22	59	76	106	119	129	131	78	0	June.
6.4	5.8	4.3	4.3	4.3	4.1	4.1	4.9	30	59	81	92	101	73	39	117	144	38	July.
6.9	5.9	5.4	4.6	4.6	4.2	4.3	5.2	36	43	142	123	65	55	74	115	117	10	Aug.
7.0	6.3	5.4	5.2	5.1	5.1	5.3	6.1	26	65	128	52	164	117	52	54	80	8	Sept.
7.5	5.4	5.2	5.5	5.5	5.3	5.5	6.5	36	57	76	71	84	125	101	98	124	8	Oct.
7.0	6.6	6.8	7.2	7.4	8.4	8.8	7.9	32	50	54	29	70	157	96	68	195	1	Nov.
6.9	6.8	6.5	6.6	6.6	6.8	7.1	7.4	29	82	122	42	50	122	100	70	148	8	Dec.
7.9	7.2	6.4	6.5	6.4	6.5	6.6	7.1	.....	523	1,186	836	1,316	1,315	1,042	949	1,516	77	Year.

NEW ORLEANS, LA.

[h_a = 120 ft.; local time, 1^h slow.]

10.4	8.8	8.5	8.4	9.1	8.8	8.3	9.0	30	114	129	119	114	114	51	38	50	15	Jan.
10.6	9.5	8.8	8.8	9.0	9.4	9.6	10.2	42	91	153	64	93	99	44	37	82	9	Feb.
11.7	10.6	10.2	9.9	10.5	10.2	9.9	10.5	40	124	79	55	273	168	10	10	4	21	Mar.
10.0	9.1	8.0	7.2	6.7	6.5	6.3	8.2	30	42	97	79	198	183	48	30	28	15	Apr.
9.0	8.8	7.7	7.0	6.5	6.4	5.7	6.7	32	60	103	56	169	137	86	47	43	43	May.
7.0	6.3	5.3	4.9	4.4	4.6	4.4	5.7	28	21	141	85	137	121	66	42	56	51	June.
6.6	6.6	5.3	4.3	4.8	4.6	4.7	5.7	42	81	99	93	68	121	66	89	70	57	July.
7.2	6.3	5.2	4.5	4.3	4.5	4.3	5.5	30	62	31	17	56	105	203	98	119	53	Aug.
7.1	6.1	4.8	5.1	5.3	5.3	4.9	6.6	28	127	208	99	154	31	11	16	30	44	Sept.
8.2	6.3	6.4	7.2	7.5	7.6	7.4	8.0	48	127	175	34	91	49	58	55	92	63	Oct.
7.1	5.8	6.4	6.6	6.9	7.4	7.1	7.5	35	161	171	68	148	64	23	6	62	17	Nov.
8.2	7.5	8.1	8.4	8.4	8.2	8.2	8.8	35	192	134	52	118	108	23	26	76	15	Dec.
8.6	7.6	7.1	6.9	7.0	7.0	6.7	7.7	.....	1,202	1,520	821	1,619	1,300	689	494	712	403	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

NEW YORK, N. Y.

[λ = 40° 43′ N.; φ = 74° W.] [Seventy fifth Meridian Time.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	9.9	9.8	10.4	10.4	10.1	10.2	10.5	10.6	11.4	11.6	12.2	12.4	11.8	11.2	11.5	11.9	11.0
Feb	12.2	12.1	11.7	12.2	11.9	12.2	12.5	11.6	11.8	12.6	12.4	12.8	12.9	12.4	12.5	12.4	12.6
Mar	9.5	9.5	10.4	10.0	9.6	9.3	9.2	9.7	10.3	10.3	10.5	10.8	10.7	11.2	11.5	11.9	12.5
Apr	10.0	9.7	9.3	10.1	10.3	10.4	10.5	10.5	10.5	11.4	12.0	13.0	13.2	13.0	13.1	13.1	13.2
May	9.0	8.7	8.7	9.3	8.4	8.3	8.0	9.0	9.2	10.0	10.9	10.4	10.4	11.3	11.9	12.2	12.3
June	7.9	8.2	8.1	7.2	7.7	7.3	7.0	7.5	7.6	7.9	8.8	9.4	9.6	10.1	10.2	9.9	10.0
July	8.1	7.6	7.6	7.1	7.1	7.5	7.5	7.3	7.4	8.4	8.4	8.8	9.2	10.4	10.8	10.9	10.0
Aug	7.5	7.6	7.4	7.2	7.3	7.0	6.8	7.8	7.6	7.9	8.3	8.4	8.4	8.7	9.9	9.9	9.4
Sept	7.8	8.4	8.3	8.3	8.8	9.1	8.6	9.3	10.0	10.4	10.6	10.6	10.5	10.4	11.2	10.9	10.5
Oct	10.4	10.4	10.0	10.2	10.7	10.7	10.9	11.7	12.4	13.1	13.0	13.4	13.7	13.7	13.3	12.9	11.8
Nov	11.9	11.6	11.4	10.4	10.2	10.8	11.0	11.0	11.4	12.5	13.3	13.4	12.8	12.6	12.7	12.7	12.7
Dec	10.6	10.8	10.6	10.6	10.4	9.8	9.2	10.0	10.0	10.8	10.2	9.9	10.8	10.9	11.4	11.9	11.9
Year	9.6	9.5	9.5	9.4	9.4	9.4	9.3	9.7	10.0	10.6	10.9	11.1	11.2	11.3	11.7	11.7	11.5

PHILADELPHIA, PA.

[λ = 39° 57′ N.; φ = 75° 9′ W.]

Jan	9.9	10.2	9.9	9.3	9.2	9.4	9.5	9.6	9.9	10.6	11.1	11.1	11.6	11.9	11.6	11.5	10.9
Feb	12.2	11.8	11.9	11.7	11.6	12.0	11.7	12.1	12.9	13.0	13.3	13.7	13.2	13.5	13.9	13.4	13.1
Mar	9.7	9.1	8.5	8.3	8.4	8.5	8.7	8.6	9.3	10.7	11.3	11.7	12.0	12.2	12.9	13.2	12.9
Apr	10.1	9.8	9.9	9.6	9.3	9.5	10.2	11.5	12.7	12.9	14.0	13.6	13.8	14.3	15.1	14.6	14.5
May	9.7	10.0	9.4	9.3	8.9	8.5	8.8	9.6	10.0	10.6	11.1	10.9	11.9	12.3	12.0	12.7	12.7
June	7.5	7.7	7.7	7.6	6.9	6.9	7.7	9.1	9.2	9.6	9.8	9.7	10.7	11.0	10.9	10.6	11.3
July	7.6	7.3	7.5	7.5	7.0	7.2	8.0	8.3	8.9	9.0	9.6	10.0	10.5	11.4	12.4	12.4	12.5
Aug	7.1	7.0	7.1	6.7	7.4	6.9	6.5	7.5	8.0	8.6	8.9	8.5	9.3	9.1	9.5	9.8	9.4
Sept	7.7	8.1	8.1	8.1	8.0	7.6	8.3	9.6	10.2	10.6	11.0	11.5	11.8	12.2	12.2	12.3	11.3
Oct	9.1	8.5	8.8	9.3	9.6	9.0	9.1	10.1	11.3	12.6	13.0	12.7	13.6	13.6	13.2	12.3	11.4
Nov	10.2	10.2	10.6	10.1	9.8	9.5	9.4	9.9	11.0	11.6	12.5	12.1	12.5	12.4	12.4	11.8	10.7
Dec	9.1	9.1	9.1	8.6	8.5	8.3	8.5	9.6	9.5	10.0	10.9	10.9	11.4	12.0	11.9	11.4	10.9
Year	9.2	9.1	9.0	8.8	8.7	8.6	8.9	9.6	10.2	10.8	11.4	11.4	11.9	12.2	12.3	12.2	11.8

PITTSBURG, PA.

[λ = 40° 32′ N.; φ = 80° 2′ W.]

Jan	6.3	6.4	6.2	6.4	6.7	6.5	7.1	7.2	7.8	7.8	8.4	8.8	9.0	8.9	9.1	8.9	7.7
Feb	7.2	6.9	6.8	6.6	7.2	6.9	7.2	7.5	7.9	8.9	9.5	9.7	10.2	9.8	9.5	9.4	9.0
Mar	6.6	6.1	6.1	6.2	5.9	6.0	5.9	6.1	6.4	7.9	8.8	9.1	9.7	9.5	9.9	9.6	9.9
Apr	5.9	5.2	5.5	5.2	4.8	5.4	5.5	5.7	6.7	7.5	7.9	8.4	9.6	9.3	9.0	9.0	8.5
May	4.9	4.7	4.8	4.3	4.3	4.5	4.5	4.6	5.6	6.7	8.1	7.8	8.1	8.5	8.8	8.7	8.4
June	3.4	3.3	3.1	3.2	3.4	2.8	3.3	3.9	4.8	5.8	6.5	7.0	7.7	7.9	7.7	7.5	7.5
July	3.7	3.3	3.3	3.5	3.4	3.3	3.4	4.1	4.5	6.0	7.0	6.9	7.9	8.2	8.4	8.4	7.6
Aug	3.2	2.7	2.7	2.6	2.7	2.5	3.0	3.2	3.8	5.0	5.1	5.3	5.7	6.3	6.9	7.1	7.1
Sept	4.0	4.1	4.1	3.9	4.3	4.0	4.2	4.6	6.1	6.4	6.6	6.6	7.3	7.0	7.9	7.7	8.6
Oct	4.2	4.7	4.9	4.9	4.8	4.6	4.6	4.9	5.5	6.7	7.1	7.4	8.4	8.3	8.5	8.2	7.8
Nov	7.0	6.7	6.8	7.2	6.8	6.6	6.6	7.5	7.8	8.6	9.3	9.5	9.7	9.8	9.5	9.3	8.7
Dec	6.1	5.7	5.7	5.4	5.1	5.5	5.9	6.0	7.0	7.9	8.0	7.8	8.7	8.4	8.4	8.6	7.9
Year	5.2	5.0	5.0	5.0	5.0	4.9	5.1	5.4	6.2	7.1	7.7	7.9	8.5	8.5	8.6	8.5	8.2

PORTLAND, OREG.

[λ = 45° 32′ N.; φ = 122° 43′ W.]

Jan	9.8	9.9	10.2	9.6	9.6	9.6	10.9	10.8	11.2	10.8	10.3	10.9	10.6	11.2	12.3	13.8	13.3
Feb	11.0	9.8	9.5	9.6	8.9	9.8	10.0	10.1	9.7	10.0	10.6	10.6	10.3	10.9	11.0	11.5	12.1
Mar	9.7	8.9	8.8	9.2	10.5	9.3	9.0	9.2	8.7	9.3	9.3	9.4	9.6	10.9	11.2	11.1	10.9
Apr	10.1	8.9	9.1	8.5	8.0	7.8	7.6	8.4	7.9	7.8	8.4	8.2	9.0	10.0	10.3	10.0	10.0
May	10.1	9.4	9.1	8.3	7.8	7.5	7.8	7.0	7.2	7.6	7.9	8.1	7.8	8.8	9.3	9.2	9.5
June	8.5	8.9	8.1	6.6	6.0	5.7	7.4	5.0	5.5	6.5	7.9	7.2	7.6	8.1	8.7	8.9	10.2
July	10.4	9.3	7.7	7.0	6.6	6.6	6.4	6.4	6.2	7.5	8.8	8.6	8.3	8.6	8.8	8.7	8.6
Aug	9.2	7.8	6.2	5.0	4.4	4.3	3.7	3.4	3.1	3.7	5.3	6.7	7.6	7.6	7.6	7.8	9.1
Sept	9.3	9.2	9.3	8.4	8.3	8.2	7.9	8.0	7.8	6.5	7.3	7.8	9.1	9.7	10.4	11.3	10.6
Oct	9.2	8.9	9.1	8.9	8.1	8.9	9.0	8.8	8.6	8.2	7.8	8.3	9.2	10.2	10.5	10.8	9.9
Nov	7.1	9.2	9.3	8.7	8.3	8.0	8.3	8.7	8.5	8.0	8.2	7.7	8.4	7.7	7.4	8.4	8.5
Dec	9.4	9.5	9.8	9.3	9.6	9.8	10.3	10.5	11.6	11.4	10.9	10.4	11.8	12.7	12.3	12.8	13.3
Year	9.5	9.1	8.8	8.3	8.0	8.0	8.0	8.0	8.0	8.1	8.6	8.7	9.1	9.7	10.0	10.4	10.5

WIND—VELOCITY AND FREQUENCY—Continued.

NEW YORK, N.Y.

[h_a = 200 ft.; local time, 4^m fast.] [Seventy-fifth Meridian Time.]

6^h	7^h	8^h	9^h	10^h	11^h	Mid	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
10.7	10.5	10.4	9.7	9.9	10.1	10.0	10.8	43	62	149	28	49	56	168	49	183	0	Jan.
12.4	11.9	12.2	12.1	12.3	12.2	11.9	12.3	42	74	113	17	32	69	124	55	187	1	Feb.
10.9	10.2	10.6	10.4	10.3	10.5	10.0	10.4	42	61	93	30	87	93	131	55	193	1	Mar.
12.0	11.1	11.6	11.7	9.9	10.4	10.5	11.3	48	60	59	23	136	82	134	34	192	0	Apr.
11.3	10.4	10.5	10.1	10.4	9.4	9.1	10.0	36	53	102	66	147	70	136	40	130	0	May.
10.2	9.5	9.3	9.1	8.5	8.3	8.2	8.6	29	15	34	29	104	148	232	57	101	0	June.
10.1	8.8	8.6	9.2	8.5	7.5	8.0	8.5	31	28	79	9	59	143	284	74	67	1	July.
8.9	8.1	7.7	7.7	7.7	7.7	7.9	8.0	26	135	52	3	64	211	134	65	79	1	Aug.
10.2	9.0	8.8	9.7	9.3	9.2	8.4	9.5	36	46	171	17	62	151	144	48	81	0	Sept.
11.5	11.0	11.2	11.2	10.8	10.6	10.2	11.6	48	96	144	32	36	112	110	110	102	2	Oct.
11.7	11.6	11.2	12.0	12.2	12.6	12.1	11.9	40	59	80	5	24	82	149	155	166	0	Nov.
11.2	10.7	11.6	11.5	11.7	12.2	11.2	10.8	40	86	132	19	16	43	131	115	202	0	Dec.
10.9	10.2	10.3	10.4	10.1	10.1	9.8	10.3	.....	775	1,208	278	816	1,260	1,877	857	1,683	6	Year.

PHILADELPHIA, PA.

[h_a = 184 ft.]

11.2	10.9	10.5	9.3	9.1	9.3	9.3	10.3	38	75	123	66	35	56	137	93	158	1	Jan.
12.4	12.0	11.3	11.1	10.9	11.0	12.0	12.3	40	96	163	56	17	42	90	61	146	1	Feb.
11.2	10.7	10.5	9.7	9.3	9.3	9.4	10.2	36	85	84	77	47	58	148	75	167	3	Mar.
13.2	12.6	12.3	12.4	12.4	12.1	10.9	12.1	43	139	57	40	55	86	139	59	145	0	Apr.
12.2	10.9	10.9	10.8	10.5	10.2	9.6	10.6	42	101	70	111	106	44	129	76	106	1	May.
11.1	9.8	8.5	8.4	7.9	8.2	8.0	9.0	36	51	32	65	41	73	220	112	126	0	June.
12.1	10.5	9.3	8.7	8.0	8.6	8.2	9.3	36	51	61	42	37	73	283	96	101	0	July.
8.6	7.7	7.5	7.8	7.2	6.7	6.8	7.9	23	121	54	46	80	95	169	61	115	3	Aug.
9.9	9.3	9.1	9.4	8.6	8.8	8.4	9.7	37	51	157	72	42	111	160	59	66	2	Sept.
9.7	10.0	9.9	9.9	9.1	8.8	8.9	10.6	39	59	131	92	27	63	126	120	122	4	Oct.
10.3	9.8	10.0	10.5	10.2	10.1	9.9	10.7	37	74	36	46	54	67	136	119	187	1	Nov.
10.5	10.9	10.6	9.9	9.9	10.3	10.1	10.1	36	96	112	43	29	47	119	86	212	0	Dec.
11.0	10.4	10.0	9.8	9.4	9.4	9.3	10.2	.....	999	1,080	756	570	815	1,856	1,017	1,651	16	Year.

PITTSBURG, PA.

[h_a = 123 ft.; local time, 20^m slow.]

6.8	6.5	7.3	6.9	6.9	6.8	6.4	7.4	28	31	32	47	151	69	177	114	119	4	Jan.
8.6	7.7	7.5	7.0	7.6	7.4	7.0	8.0	30	45	45	39	120	41	119	84	176	3	Feb.
9.1	7.8	6.2	6.7	6.8	7.2	7.3	7.5	32	23	42	21	95	91	159	99	200	14	Mar.
7.7	7.1	6.5	6.0	5.9	5.6	6.1	6.8	30	104	55	88	65	72	75	71	166	24	Apr.
7.8	7.3	5.7	5.2	4.6	4.4	4.3	6.1	27	86	58	34	74	52	129	97	202	12	May.
7.8	6.5	5.4	4.5	3.7	3.6	3.2	5.1	33	98	43	13	47	56	125	98	182	58	June.
7.8	7.1	6.0	5.1	5.0	4.2	4.1	5.5	30	98	81	36	54	60	127	73	175	40	July.
7.2	6.7	5.2	5.1	4.5	4.2	3.5	4.6	20	155	71	50	56	57	97	92	108	58	Aug.
7.3	6.8	6.2	6.1	5.4	4.6	4.3	5.8	27	55	86	91	153	55	126	61	62	31	Sept.
6.5	5.5	5.4	5.5	5.2	4.9	4.6	6.0	30	47	21	50	120	51	99	131	164	61	Oct.
7.8	7.6	7.7	7.6	7.7	7.6	7.5	8.0	28	42	8	10	84	90	158	154	166	8	Nov.
7.1	6.8	6.6	7.0	6.3	6.5	6.5	6.9	26	43	16	20	102	69	150	195	136	13	Dec.
7.6	7.0	6.3	6.1	5.8	5.6	5.4	6.5	.....	827	558	499	1,121	763	1,541	1,269	1,856	326	Year.

PORTLAND, OREG.

[h_a = 209 ft., 213 ft. *a*; local time, 3^h 11^m slow.]

11.8	11.6	11.2	10.1	10.3	10.2	11.0	10.9	50	110	2	4	86	166	200	24	140	12	Jan.
11.3	11.6	11.9	11.5	11.1	11.5	11.5	10.7	47	77	42	30	112	148	194	14	52	3	Feb.
11.3	11.2	10.7	10.3	9.3	8.9	9.0	9.8	46	77	20	15	91	154	200	43	131	13	Mar.
10.4	11.0	10.0	9.2	8.7	8.9	9.5	9.1	38	142	11	5	65	112	143	58	175	9	Apr.
10.7	11.0	10.9	11.6	11.4	11.4	10.7	9.2	42	215	10	4	43	66	68	37	294	7	May.
10.2	10.1	10.3	9.7	9.6	9.4	9.2	8.1	53	144	7	1	53	106	140	38	229	2	June.
8.6	9.1	9.5	10.8	10.3	9.7	9.8	8.4	35	183	7	7	36	20	44	23	418	6	July.
8.9	9.6	9.9	9.9	9.6	10.0	10.4	7.1	24	117	14	7	43	32	18	13	481	19	Aug.
10.8	10.2	10.3	11.5	11.1	10.4	10.1	9.3	35	51	14	3	68	124	129	40	287	4	Sept.
9.6	10.3	10.3	10.8	10.7	9.8	9.4	9.4	38	67	3	10	67	194	136	33	231	3	Oct.
9.0	8.1	7.6	6.7	5.7	6.2	6.8	7.9	37	42	4	5	160	151	123	32	200	3	Nov.
12.7	11.6	10.4	9.3	9.2	9.9	10.4	10.8	54	38	19	140	189	155	74	15	113	1	Dec.
10.4	10.4	10.2	10.1	9.8	9.7	9.8	9.2	.....	1,263	153	231	1,013	1,428	1,469	370	2,751	82	Year.

a July 3, 1894.

WIND—VELOCITY AND FREQUENCY—Continued.

ST. LOUIS, MO.

[λ = 38° 38′ N.; φ = 90° 12′ W.] [Seventy-fifth Meridian Time.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan.	11.3	11.3	10.8	10.3	10.4	10.9	11.1	10.4	10.7	11.3	11.7	12.3	12.7	13.3	13.5	13.2	13.7
Feb	12.4	12.3	12.2	12.0	11.6	12.4	11.6	11.7	12.0	12.9	13.6	14.4	13.9	14.8	15.0	15.0	15.3
Mar	12.6	12.1	11.8	12.2	12.0	11.8	11.8	12.0	13.5	14.4	15.0	14.6	14.8	15.8	16.0	16.6	17.2
Apr	9.3	9.1	9.4	8.8	9.1	9.3	9.3	9.9	10.3	11.8	12.3	12.8	13.5	14.3	13.8	13.6	13.9
May	9.2	9.4	9.0	9.2	8.5	8.3	8.3	8.6	9.5	9.9	11.8	12.7	13.1	13.5	13.6	13.6	13.5
June	8.5	8.7	8.3	8.4	8.4	7.9	7.9	8.5	8.8	10.2	10.1	10.4	11.0	12.1	12.8	12.7	13.0
July	8.1	8.2	8.1	7.6	7.0	6.5	6.4	7.4	8.0	8.6	8.7	9.4	10.1	11.2	10.9	11.7	11.0
Aug	7.9	7.8	7.3	7.2	7.4	7.2	7.2	7.5	7.8	7.5	7.5	7.3	8.5	8.6	8.9	9.3	9.1
Sept	9.9	9.6	9.7	9.2	8.9	8.1	7.5	7.6	8.2	9.0	9.9	9.6	10.8	11.0	11.5	12.2	11.7
Oct	11.0	10.3	10.3	10.1	10.5	10.1	11.6	11.5	11.8	12.6	13.5	13.1	14.3	13.7	13.7	14.1	13.8
Nov	13.4	13.3	13.3	12.7	13.6	12.2	12.5	12.6	13.6	13.9	13.4	13.6	13.9	13.4	13.6	13.9	14.0
Dec	12.5	12.8	12.3	11.4	11.2	11.1	12.0	12.0	11.4	11.6	11.6	11.9	12.7	12.9	13.9	13.3	13.6
Year	10.5	10.4	10.2	9.9	9.9	9.6	9.8	10.0	10.5	11.1	11.6	11.8	12.4	12.9	13.1	13.3	13.3

ST. PAUL, MINN.

[λ = 44° 58′ N.; φ = 93° 3′ W.]

Jan	8.3	7.1	6.6	6.3	6.5	6.3	7.4	6.5	6.1	6.2	6.7	7.1	7.4	7.0	7.3	7.5	7.3
Feb	7.6	6.9	6.3	6.2	6.0	5.9	6.1	6.7	6.8	7.1	8.4	9.1	10.0	10.5	10.6	10.6	10.7
Mar	9.7	8.7	7.6	8.3	7.8	7.9	8.5	8.7	8.9	9.0	10.5	11.9	12.3	11.9	11.7	12.5	12.6
Apr	7.1	6.6	5.6	6.1	6.1	6.7	6.9	6.5	7.4	8.2	8.6	10.3	10.2	10.4	9.6	10.1	9.5
May	7.3	6.8	6.4	5.8	5.6	6.1	7.0	7.3	8.3	9.5	11.0	12.1	12.4	12.3	12.0	12.2	12.5
June	4.2	4.2	3.9	4.0	4.5	4.7	4.4	4.8	5.8	6.5	8.1	9.0	10.2	10.4	10.5	10.9	10.9
July	6.0	5.5	5.5	5.5	5.5	5.2	5.3	5.5	5.7	6.0	7.1	8.3	9.6	10.3	10.2	10.4	10.1	9.6
Aug	4.0	3.9	3.3	3.7	4.0	3.9	4.2	4.3	4.8	5.5	6.3	7.1	7.3	7.7	7.8	8.3	7.7
Sept	7.7	7.5	6.9	6.3	5.9	5.7	5.7	5.3	6.3	7.9	8.7	10.3	10.9	10.7	11.1	11.2	11.0
Oct	7.8	7.4	7.6	7.4	7.4	7.6	8.2	7.4	7.6	9.0	9.4	10.2	10.6	10.2	10.3	10.8	9.9
Nov	9.4	9.0	8.5	8.3	7.7	7.4	7.3	7.1	7.2	7.7	8.5	10.0	10.4	10.7	11.4	11.6	11.0
Dec	6.9	6.7	6.9	6.8	7.2	7.8	7.9	7.9	7.9	8.0	8.4	8.9	8.2	9.7	9.9	10.2	9.5
Year	7.2	6.7	6.3	6.2	6.2	6.3	6.6	6.5	6.9	7.6	8.6	9.6	10.0	10.1	10.2	10.5	10.2

SALT LAKE CITY, UTAH.

[λ = 40° 46′ N.; φ = 111° 54′ W.]

Jan	4.8	4.9	4.5	4.6	5.1	4.6	4.8	4.7	5.2	5.4	5.7	6.3	6.7	6.8	6.9	7.1	7.1
Feb	6.0	5.8	5.7	5.2	5.1	5.4	5.3	5.6	5.6	5.1	5.7	6.4	6.8	8.3	8.6	9.1	9.2
Mar	6.2	6.6	6.7	7.0	6.4	6.0	5.5	4.6	4.2	4.5	5.1	5.8	8.2	9.7	10.3	10.5	9.8
Apr	4.5	4.5	4.7	4.1	4.4	4.0	4.2	4.7	5.0	5.1	6.7	7.3	8.9	10.9	10.6	11.4	12.4
May	4.8	5.0	5.7	5.5	5.3	5.4	5.3	5.2	5.1	5.2	6.7	8.3	10.0	10.5	11.4	11.5	11.3
June	5.0	5.2	5.1	4.9	4.4	4.4	4.8	4.3	4.3	4.9	5.9	7.3	9.0	9.4	10.2	10.3	9.9
July	4.3	4.3	4.7	3.8	3.4	3.7	3.7	3.7	3.4	3.1	3.6	5.0	6.2	6.8	7.5	7.9	8.6
Aug	5.4	4.8	5.5	5.0	4.9	4.6	4.4	3.9	4.1	3.5	3.6	5.3	6.2	7.3	8.2	8.1	8.0
Sept	5.0	4.5	5.1	5.0	4.8	4.7	5.1	5.1	4.3	4.4	4.0	5.0	7.5	8.5	8.5	8.7	9.4
Oct	4.7	5.5	5.5	4.8	4.7	4.7	4.5	5.7	5.5	4.4	4.5	5.2	6.0	7.3	8.4	9.3	9.6
Nov	3.9	3.6	4.0	3.8	3.9	4.1	4.1	4.0	4.1	3.7	3.6	3.6	3.4	4.5	6.7	7.5	7.3
Dec	4.8	4.9	4.4	3.7	4.4	4.7	4.8	4.8	3.7	4.3	4.5	5.7	7.4	8.0	7.8	8.5	8.7
Year	5.0	5.0	5.1	4.8	4.7	4.7	4.7	4.7	4.5	4.5	5.0	5.9	7.2	8.2	8.8	9.2	9.3

SAN DIEGO, CAL.

[λ = 32° 43′ N.; φ = 117° 10′ W.]

Jan	3.8	4.2	3.8	4.1	4.1	4.1	3.8	3.7	3.8	4.0	3.7	3.3	3.9	5.2	6.9	7.8	8.8
Feb	3.9	3.6	3.8	4.0	3.9	4.6	4.4	4.6	4.4	4.6	4.3	3.9	4.5	5.7	6.8	8.0	8.8
Mar	4.9	4.7	4.6	4.5	4.4	4.3	4.5	4.6	4.5	4.4	4.1	4.2	5.4	6.6	8.1	8.9	9.5
Apr	3.5	3.9	3.5	3.5	3.2	3.1	3.3	3.1	3.2	2.9	3.1	4.2	6.7	8.3	9.2	9.9	9.7
May	3.4	3.4	3.5	3.3	3.8	3.6	3.4	3.5	3.0	3.5	3.6	5.1	7.5	8.3	9.3	9.5	9.5
June	2.7	2.9	3.2	3.4	3.2	3.4	3.2	3.2	3.1	3.4	3.9	5.1	7.2	8.6	9.4	9.8	9.6
July	2.4	2.0	2.2	2.0	2.0	2.4	2.3	2.9	2.5	3.0	3.7	5.4	7.3	8.3	9.4	9.5	9.8
Aug	2.6	2.6	2.4	2.3	2.0	2.2	2.2	2.4	2.8	2.5	3.3	4.7	6.3	7.9	8.8	8.9	9.0
Sept	2.5	2.7	2.5	2.6	2.8	2.8	2.5	2.9	3.1	2.9	2.9	4.4	6.6	8.4	9.6	10.4	10.1
Oct	2.3	2.2	2.3	2.1	2.1	2.3	2.6	2.9	2.6	2.3	2.2	2.8	4.7	7.2	8.7	9.1	8.9
Nov	2.3	2.4	2.8	2.5	2.3	2.0	2.3	2.2	2.2	2.4	2.4	2.8	4.4	5.6	7.2	8.5	8.6
Dec	3.7	3.8	3.5	3.1	3.1	3.4	3.4	3.5	3.4	3.5	3.3	2.6	3.5	4.5	5.9	6.7	6.8
Year	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.3	3.2	3.3	3.4	4.0	5.7	7.0	8.3	8.9	9.1

WIND—VELOCITY AND FREQUENCY—Continued.

ST. LOUIS, MO.

[h_a = 210 ft.; local time, 1h 1m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
12.5	12.4	11.9	11.9	12.0	11.9	12.1	11.8	40	66	56	26	151	169	70	64	140	2	Jan.
14.2	12.6	11.9	12.8	13.4	12.8	12.0	13.0	58	80	87	19	60	112	73	54	187	0	Feb.
16.1	14.2	13.0	12.7	12.4	12.6	12.6	13.7	41	19	16	31	190	154	93	117	124	0	Mar.
13.2	12.1	10.6	9.3	9.2	8.6	9.1	10.9	49	18	84	62	193	116	88	84	75	0	Apr.
13.6	12.4	11.2	10.2	9.9	9.4	8.9	10.7	42	107	67	37	117	140	96	65	115	0	May.
12.3	11.0	10.0	9.1	8.8	9.3	9.4	9.9	44	54	39	20	99	250	139	79	37	3	June.
10.5	10.2	9.3	8.8	8.9	8.1	8.5	8.9	40	104	108	46	80	155	120	55	76	0	July.
9.2	9.4	8.3	7.9	7.4	7.4	7.9	8.0	36	159	111	54	68	98	130	51	64	9	Aug.
10.5	10.5	9.6	9.4	9.9	10.2	9.7	9.8	40	101	65	24	127	237	82	14	70	0	Sept.
11.9	10.8	10.4	10.6	11.0	11.0	10.9	11.8	37	29	25	25	161	135	158	109	101	1	Oct.
13.4	13.0	13.0	13.5	13.3	13.6	13.3	13.3	46	42	18	26	112	133	96	103	190	0	Nov.
12.6	12.1	12.7	13.3	12.5	12.5	12.7	12.4	36	83	52	19	71	137	124	121	137	0	Dec.
12.5	11.7	11.0	10.8	10.7	10.6	10.6	11.2	.....	862	728	389	1,429	1,836	1,269	916	1,316	15	Year.

ST. PAUL, MINN.

[h_a = 120 ft.; local time, 1h 12m slow.]

7.3	6.8	6.7	5.9	6.6	7.2	8.2	6.9	32	3	36	40	202	36	178	103	140	6	Jan.
10.7	9.5	8.5	7.3	7.3	7.2	7.2	8.1	30	15	31	29	208	28	136	102	119	4	Feb.
12.6	11.9	10.9	9.5	9.6	9.6	9.9	10.1	38	11	69	26	246	26	136	89	137	4	Mar.
9.0	9.3	8.5	7.2	6.9	7.4	7.2	8.0	36	29	126	73	228	26	56	53	121	8	Apr.
12.3	11.6	9.1	7.4	6.6	7.0	7.6	9.0	35	68	99	29	169	27	93	69	178	12	May.
10.8	9.8	8.3	6.3	6.4	6.2	5.7	7.1	34	8	36	62	304	68	124	46	55	17	June.
9.8	9.5	7.8	5.9	5.2	5.5	6.0	7.3	27	12	21	47	185	79	147	77	152	24	July.
8.0	7.5	6.6	5.3	4.6	4.4	3.9	5.6	26	56	59	47	136	69	89	49	185	54	Aug.
10.5	9.8	7.8	7.4	8.1	7.9	7.6	8.3	32	7	19	34	273	52	124	90	81	40	Sept.
9.2	8.2	8.2	7.8	7.9	7.3	7.5	8.5	28	3	23	40	230	21	123	124	139	41	Oct.
10.5	10.3	10.1	10.0	10.1	9.3	9.2	9.3	40	14	28	21	224	46	90	109	184	4	Nov.
8.6	7.9	7.8	8.8	8.4	8.2	7.4	8.2	30	13	16	20	210	34	179	124	146	2	Dec.
9.9	9.3	8.4	7.4	7.3	7.3	7.3	8.0	.....	239	563	468	2,615	512	1,475	1,035	1,637	216	Year.

SALT LAKE CITY, UTAH.

[h_a = 90 ft.; local time, 2h 27m slow.]

7.0	6.0	5.1	5.1	4.9	4.8	5.3	5.6	36	32	25	43	234	164	76	61	100	9	Jan.
8.6	7.6	6.5	5.2	5.4	5.4	6.4	6.4	36	19	14	78	146	135	84	74	106	16	Feb.
10.0	9.3	8.6	7.6	5.8	5.4	6.3	7.1	46	45	32	57	170	102	52	82	173	31	Mar.
11.5	9.8	8.8	7.8	5.1	4.4	4.6	6.9	37	39	73	40	130	58	37	67	247	29	Apr.
10.7	9.5	9.2	6.4	5.2	5.2	5.4	7.2	30	54	41	79	188	87	52	63	170	10	May.
9.7	9.7	9.2	6.7	5.5	5.8	5.3	6.7	30	45	54	91	182	131	32	34	128	23	June.
8.1	8.5	8.3	7.3	6.5	6.7	5.2	5.6	38	28	100	98	164	109	48	33	161	3	July.
8.7	8.7	7.1	6.6	5.5	5.4	5.7	5.9	30	20	69	90	200	168	48	29	119	1	Aug.
9.0	7.9	6.8	6.0	6.2	5.9	5.3	6.1	38	41	43	90	207	83	35	65	155	1	Sept.
9.3	7.7	4.9	5.1	4.4	4.5	4.8	5.9	30	34	63	88	200	79	46	66	160	8	Oct.
6.4	5.6	4.4	3.5	3.4	3.6	3.7	4.4	24	34	32	52	258	58	59	91	133	3	Nov.
8.3	6.9	5.4	4.1	4.3	4.5	4.7	5.6	46	13	21	47	290	110	62	91	88	22	Dec.
8.9	8.1	7.0	6.0	5.2	5.1	5.2	6.1	.....	404	567	853	2,369	1,284	631	756	1,740	156	Year.

SAN DIEGO, CAL.

[h_a = 85 ft.; local time, 2h 49m slow.]

9.1	8.1	6.9	4.7	4.0	4.5	4.4	5.0	26	108	160	14	20	9	46	173	180	34	Jan.
8.9	8.6	7.4	6.0	3.6	3.0	[illegible].5	5.2	35	49	138	40	20	19	84	191	94	37	Feb.
9.9	9.4	8.0	6.5	5.1	4.4	[illegible].4	5.8	27	66	95	32	38	38	149	180	104	42	Mar.
9.3	8.7	7.5	6.7	5.3	3.9	3.6	5.4	19	93	54	7	22	48	186	174	101	35	Apr.
9.5	8.5	8.3	7.4	6.3	5.2	4.0	5.7	18	81	39	1	11	54	184	230	111	33	May.
9.4	9.1	8.4	7.4	5.7	4.6	3.5	5.6	16	46	29	4	13	27	165	325	78	33	June.
9.5	8.7	8.0	7.2	6.4	5.1	3.5	5.2	17	62	7	0	0	6	132	264	207	66	July.
8.7	8.1	7.1	6.3	5.0	3.9	3.3	4.8	23	39	17	0	0	15	243	280	90	60	Aug.
9.5	8.4	7.1	6.1	4.7	3.6	3.3	5.1	18	58	3	4	5	29	114	200	253	54	Sept.
8.9	7.6	6.4	4.7	3.3	2.8	2.6	4.3	18	84	53	20	6	26	84	160	158	69	Oct.
8.0	7.1	6.0	3.9	2.6	1.8	2.2	3.9	18	131	24	23	39	40	39	109	200	115	Nov.
6.5	6.1	5.4	4.6	4.4	4.1	4.1	4.3	27	132	162	61	80	79	40	73	88	29	Dec.
8.9	8.2	7.2	6.0	4.7	3.9	3.5	5.0	.....	949	781	206	254	390	1,466	2,359	1,664	607	Year.

WIND—VELOCITY AND FREQUENCY—Continued.

SAN FRANCISCO, CAL.

[λ = 37° 48′ N.; φ = 122° 26′ W.] [Seventy-fifth Meridian Time.]

1894.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h
Jan	6.6	7.1	7.0	6.4	6.9	7.0	6.7	6.9	7.0	6.8	7.4	7.3	7.8	8.5	9.2	9.9	10.4
Feb	10.1	8.7	8.8	8.7	8.5	8.0	7.2	7.5	7.1	7.8	8.2	8.6	9.3	9.6	10.2	11.0	12.0
Mar	9.8	9.5	8.5	8.2	7.6	7.6	7.5	7.7	6.9	6.6	7.4	8.5	9.1	9.5	10.7	13.7	15.5
Apr	9.7	9.2	8.5	8.5	7.9	7.5	6.6	6.7	7.4	8.2	7.5	8.3	8.6	11.1	13.6	15.9	17.9
May	12.0	10.6	10.1	9.7	9.2	8.7	7.5	7.4	7.4	7.8	9.2	9.4	9.4	11.9	13.7	15.5	18.3
June	13.2	12.3	10.9	10.4	9.8	9.5	8.5	8.2	8.2	8.1	9.5	9.8	10.5	12.9	16.6	19.7	21.7
July	14.2	12.1	11.3	10.6	10.5	9.5	8.3	8.4	8.2	8.7	9.1	9.5	10.1	13.0	16.2	19.6	22.6
Aug	12.3	11.5	11.2	10.1	9.8	8.4	8.1	8.3	8.0	8.2	8.7	8.5	9.8	11.3	14.4	17.4	20.7
Sept	10.1	9.7	8.0	7.7	7.5	6.9	6.0	6.2	6.4	6.2	6.7	7.2	8.0	9.4	11.8	14.5	17.7
Oct	8.3	7.7	7.5	6.8	6.3	6.0	6.2	6.2	5.7	6.0	6.0	6.2	6.6	7.8	9.1	11.4	12.8
Nov	5.0	4.6	4.4	4.4	4.1	4.0	3.4	3.6	3.9	3.5	3.8	4.5	4.9	5.2	5.0	5.8	7.1
Dec	7.4	8.4	8.1	8.3	8.7	8.3	8.6	8.8	9.4	9.9	9.8	9.8	10.0	9.4	9.4	10.1	10.6
Year	9.9	9.3	8.7	8.3	8.0	7.6	7.0	7.2	7.1	7.3	7.8	8.1	8.7	10.0	11.7	13.7	15.6

SANTA FE, N. MEX.

[λ = 35° 41′ N.; φ = 105° 57′ W.]

Jan	5.5	5.7	6.2	5.7	5.6	5.3	4.8	5.1	6.3	6.8	7.0	8.6	8.9	10.3	10.5	10.2	10.3
Feb	5.2	5.6	5.6	5.3	4.1	3.9	4.1	4.4	4.5	4.4	5.6	6.7	7.5	8.9	9.3	9.5	9.0
Mar	5.9	5.5	5.4	4.5	4.3	3.9	4.5	5.1	5.5	6.1	8.0	9.9	11.2	11.9	12.2	13.0	12.8
Apr	5.9	6.2	5.8	5.8	5.7	4.9	4.8	5.1	5.6	6.5	7.6	8.9	9.9	10.9	11.5	11.6	12.1
May	7.4	7.3	6.7	6.2	5.6	4.9	5.0	4.4	4.5	6.8	8.6	9.1	9.4	10.7	11.8	12.0	11.4
June	8.3	7.9	7.5	7.4	6.8	6.0	5.6	5.4	5.4	6.2	7.7	9.1	9.6	11.6	12.3	12.1	12.9
July	7.2	6.7	5.8	5.1	4.7	4.2	3.9	3.5	3.6	4.3	5.2	5.5	6.2	6.8	8.1	9.3	10.0
Aug	4.7	4.3	3.5	3.5	3.1	2.8	3.6	3.8	4.0	4.6	5.0	4.8	4.8	5.7	6.4	7.9	8.4
Sept	5.6	5.5	5.4	5.0	5.0	4.5	3.9	3.8	3.7	4.3	5.5	6.5	8.0	8.6	9.3	9.4	9.2
Oct	6.1	5.2	4.6	4.7	4.7	5.0	4.6	4.5	4.4	4.5	6.2	7.8	9.2	9.9	10.0	10.7	10.5
Nov	4.0	4.2	3.3	3.8	5.0	4.8	5.6	5.2	5.0	5.3	6.3	7.6	9.0	9.2	9.0	8.6	8.3
Dec	4.5	3.5	3.6	4.4	4.8	3.9	4.8	5.0	5.3	5.4	5.4	7.0	7.5	8.2	8.7	8.5	8.7
Year	5.9	5.6	5.3	5.1	5.0	4.5	4.6	4.6	4.8	5.4	6.5	7.6	8.4	9.4	9.9	10.2	10.3

SAVANNAH, GA.

[λ = 32° 5′ N.; φ = 81° 5′ W.]

Jan	7.9	7.6	8.0	7.5	7.1	7.4	8.0	7.4	7.6	8.7	9.1	9.6	10.0	10.0	9.8	9.5	9.0
Feb	8.8	8.4	9.0	9.2	9.0	9.2	8.2	8.1	8.8	10.4	10.9	11.1	11.5	11.4	11.2	11.8	11.4
Mar	8.1	8.1	7.1	6.6	6.8	6.7	6.7	7.1	7.4	8.3	8.9	9.5	9.5	10.2	11.2	10.7	11.2
Apr	7.5	7.0	6.6	6.4	6.8	6.5	6.8	7.0	8.8	9.9	10.7	11.1	10.8	12.0	13.1	14.0	13.4
May	7.1	6.1	5.5	5.1	5.3	5.3	5.5	6.7	7.4	7.2	8.0	8.4	8.8	10.5	11.5	11.6	11.8
June	5.5	5.6	5.6	5.1	4.6	5.2	5.2	5.7	6.1	6.6	6.7	7.3	8.0	8.6	9.6	10.2	11.3
July	4.6	4.6	4.6	4.6	5.0	5.1	5.3	6.2	7.0	7.6	8.5	8.5	9.1	11.0	11.5	11.2	10.5
Aug	5.3	4.9	4.5	4.7	4.7	4.6	4.7	5.1	5.1	5.2	5.9	6.4	6.5	7.2	7.7	8.2	8.3
Sept	6.4	6.0	6.0	6.0	6.0	6.5	6.5	7.0	8.0	8.9	9.9	10.6	11.3	11.8	11.9	11.7	10.9
Oct	6.8	6.7	7.4	7.1	7.4	7.5	8.0	8.1	9.3	10.2	11.7	11.5	11.4	11.4	10.6	10.9	10.5
Nov	6.7	7.1	7.2	7.2	7.3	6.7	6.7	6.6	7.1	7.3	7.5	8.5	8.7	8.9	9.1	8.6	8.2
Dec	7.3	7.0	7.3	6.9	6.9	6.7	7.2	6.9	7.4	7.6	8.3	9.4	9.6	9.5	9.6	9.3	8.6
Year	6.8	6.6	6.6	6.4	6.4	6.4	6.6	6.8	7.5	8.2	8.8	9.3	9.6	10.2	10.6	10.6	10.4

WASHINGTON, D. C.

[λ = 38° 54′ N.; φ = 77° 3′ W.]

Jan	5.7	6.2	5.8	5.4	5.6	5.6	5.9	5.3	5.6	7.0	7.9	8.3	8.9	9.0	9.0	8.0	7.0
Feb	7.4	7.2	7.0	7.0	7.1	6.9	6.3	6.2	6.6	7.4	8.4	9.2	10.3	9.8	10.1	11.1	10.2
Mar	5.9	4.9	4.4	5.0	4.6	4.7	4.6	5.3	6.8	8.1	9.2	10.5	10.0	11.3	11.9	11.4	10.8
Apr	7.0	6.9	6.1	6.3	6.2	6.3	6.5	8.7	9.3	9.9	10.6	11.5	12.1	12.6	12.4	11.7	12.0
May	4.2	4.2	4.2	4.3	4.5	4.4	4.6	6.0	7.8	7.9	8.3	8.7	8.8	8.9	9.2	9.7	8.7
June	7.1	4.0	3.8	3.8	3.9	3.5	4.5	5.8	6.4	6.6	7.4	7.7	7.9	8.2	7.6	7.4	7.1
July	3.8	3.6	3.2	3.2	3.5	3.3	3.5	4.7	5.0	6.1	6.9	7.5	8.2	8.3	8.4	8.5	7.6
Aug	2.7	2.5	2.7	2.6	2.9	2.8	2.6	3.9	4.5	5.3	6.0	6.4	7.2	7.0	6 8	6.4	6.4
Sept	3.9	4.0	4.0	4.1	4.3	4.1	4.3	4.7	5.5	6.5	7.4	7.8	7.7	7.9	7.8	7.7	7.6
Oct	3.9	4.2	4.3	4.7	5.1	5.1	5.2	5.6	7.9	9.1	9.5	9.6	10.0	10.0	9.6	9.0	8.2
Nov	6.5	6.0	6.2	6.3	6.3	5.8	5.8	5.7	7.0	8.5	9.7	10.6	11.6	11.6	11.4	10.2	8.4
Dec	4.9	5.0	4.7	4.2	4.5	5.2	4.6	4.7	5.6	6.7	7.4	8.1	8.5	8.5	9.1	8.4	7.2
Year	5.0	4.9	4.7	4.7	4.9	4.8	4.9	5.6	6.5	7.4	8.2	8.8	9.3	9.4	9.4	9.1	8.4

WIND—VELOCITY AND FREQUENCY—Continued.

SAN FRANCISCO, CAL.

[h_a = 167 ft.; local time, 3^h 10^m slow.] [Seventy-fifth Meridian Time.]

6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max. vel.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.	1894.
10.8	10.3	9.4	8.6	8.4	7.7	7.7	8.0	36	22	17	29	160	29	184	79	224	0	Jan.
13.9	13.5	13.0	12.8	11.3	11.3	11.2	9.9	40	30	34	44	84	54	229	60	134	3	Feb.
17.0	17.5	17.8	16.3	15.6	14.4	12.1	11.0	36	23	30	27	45	34	425	74	82	4	Mar.
19.5	20.0	21.4	19.7	16.8	13.1	10.8	11.9	37	12	9	9	35	46	495	45	59	10	Apr.
19.2	19.5	20.2	20.1	17.5	15.5	14.1	12.7	36	6	13	11	59	65	534	24	24	8	May.
22.7	22.8	22.7	21.2	19.1	17.6	14.8	14.2	36	2	8	9	56	102	510	25	7	1	June.
23.8	25.1	25.5	24.8	22.6	20.5	17.5	15.1	40	0	5	4	12	52	668	2	1	0	July.
22.3	22.8	23.0	23.2	20.9	18.8	16.2	13.9	38	1	6	4	13	113	594	5	7	1	Aug.
21.6	22.4	23.1	22.5	19.3	14.6	11.8	11.9	38	2	8	12	38	45	526	32	33	24	Sept.
14.0	14.4	14.7	14.8	12.5	10.2	9.1	9.0	32	15	15	16	84	73	414	38	65	24	Oct.
8.0	8.1	8.4	7.4	6.8	6.1	5.7	5.3	27	44	12	34	64	24	186	105	234	17	Nov.
10.1	9.3	9.1	8.4	8.6	8.5	7.3	9.0	40	56	102	77	224	57	105	24	99	0	Dec.
16.9	17.1	17.4	16.6	15.0	13.2	11.5	11.0	.....	213	259	276	874	694	4,870	513	969	92	Year.

SANTA FE, N. MEX.

[h_a = 50 ft.; local time, 2^h 4^m slow.]

9.9	8.5	6.2	5.7	5.0	5.3	4.8	7.0	32	88	233	22	101	32	101	26	114	27	Jan.
9.1	8.8	6.6	5.3	5.4	5.9	5.2	6.2	36	52	148	16	97	37	145	28	97	52	Feb.
12.1	12.0	11.1	7.7	6.7	6.7	6.6	8.0	42	53	143	13	102	52	199	35	126	21	Mar.
11.6	12.6	11.7	8.9	6.6	6.6	6.2	8.0	38	58	129	33	103	36	156	28	162	15	Apr.
11.3	11.7	11.2	9.5	7.3	7.5	7.8	8.2	38	28	95	42	178	62	218	21	87	13	May.
12.4	13.0	12.9	11.1	8.2	7.7	8.0	9.0	38	11	47	37	237	54	251	28	44	11	June.
10.5	10.4	10.0	8.5	8.0	7.5	6.6	6.7	42	34	114	93	206	43	140	21	76	17	July.
7.6	8.1	8.3	7.4	6.6	5.5	5.3	5.4	28	42	171	89	165	54	106	16	72	29	Aug.
9.5	9.3	7.9	5.5	6.0	6.8	6.8	6.5	36	56	137	31	150	35	157	24	96	34	Sept.
9.0	7.9	5.4	4.7	5.1	5.3	5.3	6.5	36	51	135	39	158	33	146	29	115	38	Oct.
8.0	6.0	4.0	4.2	4.4	4.4	4.5	5.8	25	53	186	36	196	30	77	18	94	30	Nov.
8.5	6.4	5.3	4.5	4.3	4.5	4.6	5.7	26	73	178	37	104	65	141	30	85	31	Dec.
10.0	9.6	8.4	6.9	6.1	6.1	6.0	6.9	.....	599	1,716	488	1,797	533	1,837	304	1,168	318	Year.

SAVANNAH, GA.

[h_a = 86 ft.; local time, 24^m slow.]

8.3	7.9	7.7	7.6	7.5	7.8	8.1	8.3	26	84	163	38	27	63	102	132	129	6	Jan.
10.8	9.9	9.1	8.6	8.9	9.1	8.7	9.7	36	12	97	35	27	171	82	117	128	3	Feb.
10.9	9.9	8.8	8.8	8.5	9.3	9.0	8.7	30	60	75	21	65	271	99	58	92	3	Mar.
11.9	9.7	8.0	7.4	7.4	7.2	7.2	9.1	29	49	48	49	120	206	81	86	76	5	Apr.
11.4	9.9	7.9	8.1	7.2	7.3	7.5	8.0	44	14	59	27	121	268	108	94	48	5	May.
10.9	9.5	7.7	7.0	6.8	6.3	6.1	7.1	40	26	42	73	122	296	107	33	14	7	June.
9.6	8.4	7.4	6.3	5.7	4.6	5.0	7.2	28	34	88	42	130	120	182	114	24	10	July.
8.0	8.3	7.4	6.5	6.2	6.3	4.7	6.1	38	12	69	31	94	154	193	132	53	6	Aug.
9.8	7.9	7.8	7.4	6.7	6.8	6.8	8.3	48	10	207	67	118	126	16	64	94	18	Sept.
8.8	7.6	6.9	7.1	7.2	7.3	7.1	8.7	40	122	183	59	59	88	20	103	105	5	Oct.
6.4	6.6	6.4	5.9	6.4	6.9	6.8	7.3	38	35	90	8	65	54	122	104	224	18	Nov.
7.8	7.0	6.9	7.3	7.3	7.1	7.4	7.8	32	81	114	43	57	129	76	59	183	2	Dec.
9.6	8.6	7.7	7.3	7.2	7.2	7.0	8.0	.....	539	1,235	493	1,005	1,946	1,188	1,096	1,170	88	Year.

WASHINGTON, D. C.

[h_a = 67 ft., 76 ft. *a*; local time, 8^m slow.]

5.8	5.3	5.9	5.6	5.3	4.8	5.4	6.4	46	96	77	42	35	179	58	41	156	60	Jan.
8.6	7.8	7.0	6.6	7.2	7.6	7.2	7.9	38	106	126	44	44	99	30	42	173	8	Feb.
9.1	7.5	6.7	6.3	6.4	6.2	6.0	7.4	37	78	48	46	81	150	63	52	185	41	Mar.
11.1	8.4	7.0	6.9	7.0	6.1	6.9	8.7	34	83	42	26	84	159	53	36	230	7	Apr.
7.5	6.8	6.1	5.3	5.7	5.1	5.0	6.5	47	36	108	49	93	196	53	55	139	15	May.
6.2	5.1	4.0	4.0	3.8	3.4	3.7	5.4	30	64	57	33	44	126	151	90	110	45	June.
7.4	6.5	4.8	4.1	3.7	3.8	3.4	5.4	26	43	61	39	54	261	106	65	86	29	July.
5.7	4.4	3.5	2.9	3.0	3.2	2.5	4.3	26	121	126	50	60	205	44	36	52	50	Aug.
6.7	5.7	5.0	5.1	5.1	4.4	4.0	5.6	27	64	156	67	88	125	94	34	57	35	Sept.
6.5	5.5	5.2	5.4	5.1	5.2	5.0	6.6	30	128	75	44	53	118	52	76	164	34	Oct.
7.6	7.2	6.9	6.5	6.3	7.2	6.7	7.8	38	56	22	14	67	210	53	114	179	5	Nov.
6.1	6.5	6.1	6.2	6.1	5.8	5.4	6.2	34	124	82	12	26	151	30	113	178	28	Dec.
7.4	6.4	5.7	5.4	5.4	5.2	5.1	6.5	.....	999	980	466	729	1,979	787	754	1,709	357	Year.

a October 16, 1894.

Blank page retained for pagination

PART III.

MONTHLY AND ANNUAL METEOROLOGICAL SUMMARIES FOR ONE HUNDRED AND FORTY-NINE WEATHER BUREAU STATIONS.

1894.

EXPLANATION OF THE TABLES.

For a detailed account of the methods of reduction, etc., the reader is referred to the article on that subject, page 37, Report of the Chief of the Weather Bureau, 1891-92.

Pressure.—The barometer used at Weather Bureau stations for personal observations is the ordinary portable mercurial open cistern. Each instrument is compared with the substandard at Washington before being issued, and a certificate is given showing both the corrections to the attached thermometer and the so-called correction for instrumental error. The latter is not applied except when it exceeds $\pm$ .006.

The monthly means and the extremes given in the summaries have been reduced to 32° F., but not to standard gravity. The latter correction is given for each station at the head of the table. Both means and extremes have been deduced from the personal observations at 8 a. m. and 8 p. m., seventy-fifth meridian time.

Temperature.—The temperature of the air at 8 a. m. and 8 p. m., seventy-fifth meridian time, is obtained by the use of the whirled dry-bulb thermometer. The latter is a part of the whirled psychrometer and is mounted in the wooden roof thermometer shelter adopted in 1885. The means of these observations are given in the column headed 8 a. m. and 8 p. m., respectively.

The maximum thermometer used is of the mercurial Negretti and Zambra pattern, having a constriction in the bore of the tube below the scale.

The minimum temperature is obtained by the use of the ordinary Rutherford alcohol minimum thermometer. Both instruments are read and recorded twice daily, at 8 a. m. and 8 p. m., seventy-fifth meridian time. The maximum thermometer is set daily at 8 a. m., and the minimum at 8 p. m. The extremes given in the summaries are for the civil day, midnight to midnight. The monthly means have been obtained by dividing the sum of the mean maxima and mean minima temperatures by 2.

Moisture.—The monthly means of the dew point, relative humidity, and vapor pressure, are given as computed directly from the original daily observations.

In using the tables by means of which the amount of atmospheric moisture is computed from the readings of the whirled psychrometer, that one which gives the influence on the psychrometer of the prevailing pressure has been neglected except at the elevated stations of Pikes Peak and Colorado Springs. Caution should be exercised in using the published vapor pressure, dew point, and relative humidity for the remaining high stations as computed by tables appropriate for low stations. The accuracy at present attained is confessedly below the demands of special laboratory studies, the needs of climatologists, and others, but answers fairly well for the use of forecast officials in the current daily routine of weather predictions.

The rain gauges used at the regular Weather Bureau stations have a circular catchment area of about 8 inches diameter, and the snow, hail, or sleet caught within them is melted and measured as water. The rain gauge proper is set within an inclosing cylinder of 8 inches diameter and 2 feet high, which serves as an overflow attachment in the case of heavy rains and as a snow gauge in the winter season.

The sum total of the depth of rain and melted snow is measured to within 0.01 inch not only at the end of every shower, but also at 8 a. m. and 8 p. m., standard time daily. By adding these two regular observations we obtain the total precipitation for the twenty-four hours preceding 8 p. m. of the civil day to which it is accredited.

The snow caught and retained in the gauge is melted and measured as water. No correction is applied for the snow that is lost out of the gauge by the eddying action of the wind; consequently in some cases the record is less than would be given if the observer had measured cylinders of snow cut from the spots representing the average snowfall on the ground. When it is known that the catch of the snow gauge is markedly deficient, an independent ground measurement is made and used as the official record. The loss of both rain and snow caused by high winds is undoubtedly larger at the regular telegraph stations of the Weather Bureau than is the case at the voluntary stations whose gauges are located in the open country and near the ground, but this loss does not appear to be so large as to make the monthly and annual sums derived from these two classes of gauges wholly inconsistent with each other; on the contrary, except at a few stations, the differences between the annual rainfall at city and country gauges are not larger than is plausibly due to actual differences in the geographical distribution of rain.

By the maximum precipitation in twenty-four hours is meant the actual measurements for any twenty-four hours; it does not refer to the rate of rainfall for twenty-four hours, as deduced from short, heavy showers.

The number of days with precipitation amounting to 0.01 and 0.04 inch, respectively, relates to the rainfall from 8 p. m. to 8 p. m. and not from midnight to midnight.

The cloudiness recorded in the summaries is derived from personal observations. The proportion of sky covered with clouds is estimated by the observer at 8 a. m. and 8 p. m., seventy-fifth meridian time, on a scale of 0-10. The two simultaneous observations can not be combined into a normal daily mean in the present state of our knowledge of the diurnal variation in cloudiness, and are therefore given separately. In order, however, to obtain

a general record of the sunshine as affecting the growth of plants, the observer keeps some memoranda of the cloudiness, sufficient to enable him at the end of the day to assign a percentage representing the average condition of the sky from sunrise to sunset; the resulting average for each month is given in the column of "daylight."

The number of days that are clear, as given under "number of days, etc.," includes those on which the daylight cloudiness has been 0, 1, 2, or 3 tenths; the days partly cloudy are those on which the daylight cloudiness has been 4, 5, 6, or 7 tenths; the cloudy days are those having 8, 9, or 10 tenths of cloudiness during daylight.

Wind.—The velocity of the wind is recorded at all Weather Bureau stations; the direction and velocity are recorded at about one-half of the stations on what is known as the "double register," which is, however, now being replaced in some cases by a "triple register" in order to provide for recording the rainfall, the sunshine, or some other meteorological element. The records from 28 of the stations that are furnished with double or triple registers will be found in Part II. On some of these instruments the direction of the wind is recorded every five minutes, while on the latest pattern a record is made every minute.

The maximum velocities given are for five-minute periods.

A wind velocity of 40 miles per hour is considered as a gale.

Number of days.—The number of days with snow includes all of those on which at least 0.01 inch of melted snow, corresponding to about one-tenth of an inch of unmelted snow, has fallen in the twenty-four hours preceding 8 p. m.

The number of days with hail includes all of those on which at least a trace of hail fell.

No record of amounts of dew is given.

The number of days with fog includes all of those on which fog prevailed for at least an hour, and was dense enough to obscure objects 1,000 feet distant.

References and abbreviations.—H = Height of barometer cistern above mean sea level; h_t = height of thermometer above ground; h_r = height of rain gauge above ground; h_a = height of anemometer above ground.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894.

ABILENE, TEX.

[λ = 32° 23′ N.; φ = 99° 40′ W.; gravity corr., —0.03.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	28.26	28.75	27.83	37.5	48.5	56.0	34.5	45.2	78	4	29	28	73	48	.173	.161	1.24	.78	3.6	2.8	3.1
February	28.31	28.68	27.78	33.6	44.7	51.1	30.6	40.8	74	15	28	28	82	57	.163	158	.75	.50	3.8	3.7	4.0
March	28.19	28.70	27.78	48.1	63.2	69.5	46.1	57.8	92	24	37	35	68	39	.253	228	1.66	.72	3.6	3.4	3.1
April	28.14	28.48	27.84	58.8	75.8	79.7	57.4	68.6	95	47	47	43	66	35	.340	300	1.23	.40	4.2	3.6	3.9
May	28.14	28.48	27.88	66.4	79.1	83.8	64.0	73.9	99	51	57	52	72	44	.474	.403	6.49	3.28	3.6	5.0	5.2
June	28.18	28.35	27.97	69.7	84.4	87.1	68.1	77.6	101	55	63	60	80	46	.576	.522	3.30	1.48	4.4	3.2	4.1
July	28.24	28.36	28.09	73.1	89.5	93.5	70.6	82.0	104	62	61	53	67	31	.538	.414	.79	.44	2.1	2.2	3.3
August	28.24	28.35	28.12	68.8	79.8	85.1	67.7	78.4	94	61	65	64	88	61	.616	.594	6.79	2.04	4.8	6.3	6.8
September	28.20	28.49	27.87	67.0	79.4	85.1	66.1	75.6	96	52	63	59	89	53	.592	.518	.54	.26	4.8	3.6	4.4
October	28.21	28.56	27.89	58.3	72.8	80.5	57.1	68.8	93	37	48	46	70	42	.359	.337	1.17	1.15	2.3	1.6	2.8
November	28.36	28.68	27.85	45.4	59.1	67.9	43.6	55.8	79	23	32	33	62	39	.199	.201	T.	T.	1.7	0.6	1.5
December	28.36	29.00	27.70	40.3	50.5	57.2	38.1	47.6	78	6	32	32	74	51	.205	.202	.43	.22	3.6	3.4	4.9
Year	28.24	29.00	27.70	55.6	68.9	74.7	53.7	64.2	104	4	47	44	74	46	.374	.336	24.39	3.28	3.5	3.3	3.9

ALBANY, N. Y.

[λ = 42° 39′ N.; φ = 73° 45′ W.; gravity corr., —0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.08	30.62	28.99	23.8	27.6	33.8	19.3	26.6	50	5	20	23	84	81	.112	.127	2.54	.82	6.5	5.0	6.5
February	30.08	30.78	29.34	18.2	22.7	29.5	13.0	21.2	50	—11	14	16	81	74	.093	.096	2.61	1.00	5.3	4.8	5.6
March	30.00	30.44	29.49	36.3	40.3	48.2	31.4	39.8	75	17	30	31	77	70	.169	.179	.85	.48	6.1	4.3	5.9
April	29.96	30.38	29.63	45.6	50.0	57.1	39.6	48.4	76	22	36	36	69	61	.217	.230	2.02	.74	5.9	6.1	5.9
May	29.88	30.38	29.49	57.3	61.0	69.3	50.1	59.7	84	39	50	50	76	68	.361	.369	4.64	1.80	6.0	5.8	5.7
June	29.88	30.19	29.47	67.2	69.8	79.6	60.1	69.8	92	46	59	60	76	72	.526	.538	3.29	2.12	5.4	5.5	4.9
July	29.90	30.15	29.64	71.0	75.0	85.1	64.2	74.6	97	54	63	63	76	67	.584	.590	2.96	1.30	4.2	4.6	4.6
August	29.93	30.13	29.74	64.9	69.3	79.2	59.4	69.3	90	48	57	59	77	79	.482	.506	2.26	.81	4.9	4.2	5.2
September	30.02	30.50	29.60	61.0	66.4	76.1	57.5	66.8	89	38	55	58	82	75	.450	.499	4.18	1.68	5.4	3.9	4.7
October	29.90	30.26	29.20	49.5	53.3	60.8	45.6	53.2	70	36	45	45	85	75	.306	.308	4.62	1.89	6.1	5.4	6.1
November	29.99	30.64	29.49	34.8	36.2	42.7	30.3	36.5	65	15	31	30	85	77	.181	.168	1.96	.93	7.0	4.8	6.0
December	30.05	30.39	29.32	26.2	29.5	35.6	22.4	29.0	52	— 6	23	25	86	83	.131	.145	3.18	1.60	6.0	5.0	5.7
Year	29.97	30.78	28.99	46.3	50.1	58.1	41.1	49.6	97	—11	40	41	80	73	.301	.313	35.11	2.12	5.7	5.0	5.6

ALPENA, MICH.

[λ = 45° 5′ N.; φ = 83° 30′ W.; gravity corr., 0.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.37	29.98	28.79	21.3	24.4	29.6	17.1	23.4	50	— 2	18	20	85	81	.108	.113	1.59	.37	7.5	6.5	7.2
February	29.38	30.20	28.60	14.4	20.9	27.1	11.0	19.0	48	—14	11	16	83	79	.079	.097	.90	.35	6.2	4.4	5.6
March	29.30	29.67	28.76	31.2	34.6	41.2	27.6	34.4	77	8	27	30	85	82	.155	.172	1.73	.49	6.8	6.2	7.0
April	29.38	29.77	28.75	39.3	42.2	47.8	34.3	41.0	62	18	34	37	83	82	.204	.227	2.06	.62	5.6	4.9	5.4
May	29.28	29.76	28.69	48.0	48.6	55.6	41.4	48.5	78	30	43	43	84	81	.286	.280	5.99	1.95	7.2	6.1	6.9
June	29.29	29.54	28.92	61.9	64.3	73.8	54.9	64.4	90	34	55	56	80	78	.461	.477	7.19	2.37	5.0	5.0	5.3
July	29.32	29.52	29.06	66.4	69.1	76.9	57.4	67.2	98	45	56	57	70	66	.467	.474	.91	.38	3.2	4.3	4.3
August	29.38	29.65	29.07	59.9	63.9	71.5	53.2	62.4	85	44	53	55	78	74	.406	.444	1.53	1.17	4.5	4.9	5.4
September	29.36	29.80	28.88	54.0	59.9	68.0	51.5	59.8	92	32	52	53	86	80	.410	.417	2.64	.88	5.0	4.6	4.9
October	29.25	29.63	28.73	44.8	48.1	53.7	41.3	47.5	69	29	42	43	89	84	.269	.284	3.18	1.06	7.3	6.2	6.8
November	29.34	30.04	28.72	29.6	31.4	35.3	26.0	30.6	51	9	26	27	86	83	.146	.152	1.41	.35	9.1	7.3	7.8
December	29.34	29.77	28.82	26.5	29.7	33.7	23.8	28.8	52	— 6	22	25	82	82	.130	.143	1.75	.78	5.8	5.9	6.4
Year	29.33	30.20	28.60	41.4	44.8	51.2	36.6	43.9	98	—14	37	38	83	79	260	.273	30.88	2.37	6.1	5.5	6.1

AMARILLO, TEX.

[λ = 35° 13′ N.; φ = 101° 50′ W.; gravity corr., —0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	26.22	26.60	25.82	27.2	40.9	48.0	24.6	36.3	72	— 2	16	19	62	44	.088	.107	.02	.02	4.4	3.5	4.0
February	26.27	26.67	25.80	21.7	34.1	38.8	19.2	29.0	62	1	14	17	73	53	.082	.096	1.15	.44	4.4	5.5	5.4
March	26.20	26.66	25.82	35.5	54.5	58.3	34.5	46.4	77	17	21	22	57	30	.119	.124	.05	.05	2.7	3.5	3.5
April	26.19	26.51	25.89	47.9	65.4	68.7	47.4	58.0	82	34	36	34	67	34	.234	.205	.85	.62	4.7	4.4	4.6
May	26.23	26.56	25.90	56.0	72.9	75.1	55.0	65.0	88	45	43	37	67	34	.306	.258	1.30	.58	5.4	6.4	5.8
June	26.25	26.45	26.06	64.2	78.3	81.3	63.1	72.2	93	51	54	48	73	43	.431	.374	3.59	1.43	6.3	6.3	6.4
July	26.35	26.48	26.17	67.8	84.8	86.6	67.0	76.8	98	60	52	43	60	27	.399	.298	1.82	.96	4.5	3.5	4.0
August	26.36	26.48	26.26	63.3	75.7	79.1	63.0	71.0	90	58	59	56	86	52	.505	.454	3.41	1.45	4.9	6.1	5.9
September	26.27	26.59	25.89	56.7	71.4	77.6	56.0	66.8	91	43	51	47	82	47	.382	.338	2.41	1.73	3.6	4.1	3.8
October	26.26	26.56	25.96	49.1	63.7	71.6	48.5	60.0	81	32	36	33	62	34	.230	.203	.39	.20	3.1	2.6	3.3
November	26.37	26.79	25.82	36.0	52.7	61.2	34.8	48.0	79	17	20	19	54	28	.113	.112	.00	.00	2.0	1.7	1.9
December	26.35	26.86	25.64	30.7	41.1	49.9	28.2	39.0	75	0	22	22	71	48	.126	.120	.82	.36	4.2	3.8	5.2
Year	26.28	26.86	25.64	46.3	61.3	66.4	45.1	55.7	99	— 2	35	33	68	40	.251	.224	15.81	1.73	4.2	4.3	4.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894.

ABILENE, TEX.

[H=1,749 ft.; h_t=47 ft.; h_r=36 ft.; h_a=54 ft.]

Month	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.8	SW.	48	NW.	2	10	4	1	8	15	14	3	6	1	17	8	6	5	4	2	0	0	3	0	14	1	0
February	12.4	NW.	42	W.	2	14	2	2	8	11	4	3	12	0	14	6	8	2	2	1	0	0	5	0	16	0	0
March	12.6	SE.	42	NW.	2	9	10	1	10	18	6	1	6	1	16	13	2	7	6	0	2	0	0	2	4	4	0
April	12.1	SE.	31	SW.	0	7	4	4	17	14	8	3	3	0	11	17	2	7	6	0	1	0	0	2	0	8	0
May	11.3	SE.	40	NW.	1	7	7	2	22	10	12	0	2	0	9	12	10	6	6	0	1	0	0	5	0	5	0
June	11.8	SW.	42	NW.	1	2	2	6	13	3	31	1	1	1	14	12	4	8	5	0	0	0	0	10	0	7	0
July	7.4	SE.	30	NW.	0	8	6	7	23	11	2	2	1	2	17	9	5	4	3	0	0	0	0	22	0	2	0
August	5.8	SE.	30	N	0	7	4	5	15	15	7	4	4	1	3	15	13	11	11	0	0	0	0	8	0	7	1
September	9.3	S.	28	NE.	0	7	5	2	11	32	0	1	2	0	11	14	5	7	5	0	0	1	0	8	0	4	0
October	9.8	S.	35	SW.	0	5	3	2	15	21	5	4	7	0	16	15	0	4	2	0	0	0	0	2	0	2	0
November	10.1	SW.	36	NW.	0	7	6	1	4	23	11	1	7	0	23	7	0	0	0	0	0	0	0	0	2	0	0
December	9.9	S.	42	W.	1	13	3	4	4	17	8	5	6	2	10	11	10	4	2	0	0	1	2	0	8	1	0
Year	10.2	S.	48	NW.	9	96	56	37	150	190	108	28	57	8	161	139	65	65	52	3	4	2	10	59	44	41	1

a By eye observations at 8 a. m and 8 p. m. when there is no self-register at station.

ALBANY, N. Y.

[H = 85 ft.; h_t = 84 ft.; h_r = 99 ft.; h_a = 113 ft.]

January	8.3	S.	36	SE.	0	15	4	2	4	16	2	4	15	0	7	9	15	17	12	8	0	3	14	0	29	0	0
February	9.2	S	35	SE.	0	9	4	0	2	19	1	8	13	0	8	10	10	11	6	9	0	0	16	0	26	0	2
March	9.1	S	33	W.	0	3	3	1	5	21	4	9	16	0	7	14	10	14	5	1	0	0	2	0	14	0	1
April	9.3	N.	34	SE.	0	17	5	1	7	12	3	2	13	0	10	8	12	13	9	5	0	0	0	0	6	1	0
May	8.0	S.	30	SE.	0	5	4	3	10	19	1	11	8	1	10	8	13	17	15	0	0	0	0	0	0	3	0
June	6.6	S.	30	SW.	0	7	0	1	8	26	3	11	4	0	10	13	7	9	8	0	1	0	0	3	0	6	0
July	5.7	S.	27	SE.	0	8	3	2	6	25	1	12	5	0	12	12	7	14	10	0	0	0	0	10	0	5	0
August	6.1	S.	36	SW.	0	16	5	1	3	20	0	10	5	2	14	7	10	12	8	0	1	0	0	0	0	5	0
September	5.8	S.	32	S.	0	12	1	2	5	21	5	7	6	1	12	12	6	11	10	0	0	1	0	0	0	2	0
October	7.2	S.	30	SE	0	9	3	2	6	23	5	9	5	0	11	6	14	13	9	0	1	3	0	0	0	1	0
November	8.4	S.	38	SE.	0	9	1	1	6	20	1	11	11	0	9	11	10	13	9	8	0	1	4	0	20	0	0
December	7.4	S.	34	W.	0	13	5	2	4	23	1	8	6	0	12	7	12	10	6	6	0	2	7	0	27	0	0
Year	7.6	S.	38	SE.	0	123	38	18	66	245	27	102	107	4	122	117	126	154	107	37	3	10	43	13	122	23	3

ALPENA, MICH.

[H = 609 ft.; h_t = 61 ft.; h_r = 54 ft.; h_a = 65 ft.]

January	10.4	W.	37	NW.	0	4	5	3	7	9	6	17	10	1	4	10	17	15	9	11	0	1	19	0	27	0	0
February	11.7	W.	37	W.	0	4	1	4	5	6	14	15	7	0	6	13	9	8	5	8	0	1	15	0	26	1	2
March	12.3	SE.	46	NW.	1	3	3	4	11	14	6	8	13	0	4	12	15	13	11	9	0	0	6	0	21	2	1
April	10.3	SE.	47	E.	1	5	7	8	14	4	5	2	14	1	10	10	10	10	9	3	0	0	1	0	11	1	3
May	10.6	SE.	37	W.	0	10	8	9	12	3	5	6	9	0	5	10	16	19	15	2	0	1	0	0	3	1	2
June	7.8	SE.	37	NW.	0	3	5	5	12	4	9	7	15	0	8	15	7	16	14	0	1	0	0	1	0	11	0
July	7.5	SE.	27	W.	0	4	4	2	16	7	4	11	14	0	15	11	5	8	6	0	0	0	0	2	0	5	1
August	7.4	SE.	27	E.	0	6	9	1	13	9	5	6	10	3	8	19	4	7	4	0	0	2	0	0	0	3	0
September	8.4	SE.	34	NW.	0	4	1	3	15	6	10	11	10	0	10	12	8	13	9	0	0	0	0	1	1	2	1
October	9.3	SW.	35	NW.	0	3	3	3	11	7	13	8	14	0	6	9	16	17	12	0	0	2	0	0	2	2	0
November	11.7	NW.	40	SE.	1	4	2	2	3	8	6	14	20	1	2	10	18	20	11	17	0	0	8	0	24	0	0
December	10.5	SW.	34	NW	0	3	3	3	7	8	15	13	10	0	9	8	14	14	7	7	0	2	11	0	24	0	0
Year	9.8	NW.	47	E.	3	53	51	47	126	85	98	118	146	6	87	139	139	160	112	57	1	9	60	4	139	28	10

AMARILLO, TEX.

[H = 3,691 ft.; h_t = 53 ft.; h_r = 46 ft.; h_a = 61 ft.]

January	17.5	S.	50	W.	13	13	0	3	3	17	14	9	2	1	15	11	5	1	0	0	0	0	4	0	22	0	0
February	17.6	N.	60	W.	8	21	1	1	0	13	10	7	2	1	11	6	11	6	6	6	0	0	9	0	24	0	0
March	19.3	SW.	66	SW.	13	12	6	1	4	15	17	4	3	0	18	10	3	2	1	0	0	0	1	0	10	0	0
April	18.7	S.	64	N.	15	13	0	2	9	16	12	4	3	1	13	10	7	6	3	0	0	0	0	0	0	0	0
May	19.1	S.	60	S.	13	8	3	6	7	23	5	5	3	0	8	13	10	10	7	0	2	0	0	0	0	6	0
June	19.2	S.	60	W.	10	4	0	7	8	29	8	3	1	0	6	10	14	11	8	0	3	0	0	7	0	7	0
July	14.6	S.	54	N.	2	10	3	3	4	28	14	0	0	0	14	13	4	6	5	0	0	0	0	11	0	4	0
August	11.3	S.	36	S.	0	6	2	6	5	34	5	1	2	1	9	8	14	13	11	0	0	2	0	1	0	7	0
September	15.5	S.	54	N.	6	11	3	6	2	29	6	1	2	0	17	6	7	6	5	0	0	0	0	1	0	4	0
October	18.0	S.	50	W.	9	13	1	0	4	23	15	2	3	1	15	13	3	3	2	0	0	0	0	0	1	3	0
November	16.8	S.	58	NW.	9	17	1	1	1	21	10	4	5	0	23	7	0	0	0	0	0	0	1	0	10	0	0
December	17.3	S.	58	SW.	7	17	1	3	3	18	13	2	5	0	9	14	8	5	5	4	0	0	6	0	19	0	0
Year	17.2	S.	66	SW.	105	145	21	41	50	266	129	42	31	5	158	121	86	69	53	10	5	2	21	20	86	31	0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ASTORIA, OREG.

[λ = 46° 57′ N.; φ = 124° W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January						45.7	37.2	41.4	56	25							15.54	3.17			
February						44.9	35.4	40.2	54	24							11.87	1.65			
March						49.2	37.8	43.5	59	31							14.04	1.98			
April						54.0	42.0	48.0	62	35							7.48	1.29			
May						59.6	46.5	53.0	77	37							2.10	1.35			
June						62.7	50.9	56.8	78	43							3.78	.51			
July						68.2	53.6	60.9	77	48							.69	.51			
August						72.3	58.0	65.2	88	51							.07	.06			
September						65.2	52.8	59.0	78	44							5.75	1.33			
October						57.8	46.9	52.4	66	40							12.19	1.48			
November						54.0	44.7	49.4	61	32							8.66	1.66			
December						45.2	36.3	40.8	52	31							6.67	1.46			
Year						56.6	45.2	50.9	88	24							88.84	3.17			

ATLANTA, GA.

[λ = 33° 45′ N.; φ = 84° 23′ W.; gravity corr., —0.03.]

January	29.01	29.30	28.72	41.9	48.2	54.5	38.9	46.7	66	18	37	39	82	72	.240	.253	5.09	1.17	4.5	4.0	6.1
February	28.96	29.31	28.41	41.3	46.9	52.6	37.5	45.0	71	19	34	38	78	73	.224	.250	4.98	1.65	6.9	5.4	6.2
March	28.97	29.34	28.75	49.9	59.8	66.6	46.8	56.7	82	19	42	42	78	54	.309	.299	2.99	1.13	5.4	2.9	4.0
April	28.90	29.18	28.60	55.9	65.0	71.9	52.1	62.0	88	35	46	42	70	45	.328	.281	3.06	1.34	4.3	3.9	4.4
May	28.83	29.17	28.50	63.7	70.2	78.8	58.8	68.8	88	39	56	54	76	60	.462	.438	1.49	.98	4.5	5.9	5.7
June	28.92	29.16	28.71	70.8	79.3	87.0	65.8	76.4	96	46	61	62	72	58	.546	.565	1.29	.73	3.8	4.4	4.3
July	28.92	29.10	28.70	71.6	76.3	85.0	67.4	76.2	93	58	66	66	83	72	.644	.635	5.55	2.64	6.4	6.9	6.4
August	28.90	29.01	28.75	71.7	76.1	84.4	68.5	76.4	94	60	67	67	85	76	.659	.671	3.70	1.02	5.6	7.2	6.6
September	28.92	29.22	28.64	68.2	74.4	81.8	65.1	73.4	88	56	62	64	81	71	.572	.604	5.78	4.70	5.3	4.4	4.0
October	28.88	29.13	28.44	55.5	64.5	72.0	52.3	62.2	85	41	47	49	75	59	.342	.363	2.62	1.48	2.2	1.9	2.7
November	29.03	29.40	28.79	42.8	50.8	58.3	40.7	49.5	71	21	35	39	74	65	.219	.258	.92	.55	3.6	2.7	3.6
December	29.00	29.36	28.46	40.6	47.3	54.5	37.8	46.2	69	4	37	38	88	72	.248	.261	3.45	1.07	3.6	3.9	4.5
Year	28.94	29.40	28.41	56.2	63.2	70.6	52.6	61.6	96	4	49	50	78	65	.399	.406	40.92	4.70	4.7	4.5	4.9

ATLANTIC CITY, N. J.

[λ = 39° 22′ N.; φ = 74° 25′ W.; gravity corr., —0.01.]

January	30.12	30.58	29.30	35.3	38.4	42.8	32.0	37.4	54	19	32	34	88	84	.188	.202	2.07	.89	7.3	5.4	7.0
February	30.09	30.79	29.35	31.5	34.4	39.5	27.6	33.6	60	5	28	29	87	82	.163	.168	3.46	.92	6.4	5.8	6.7
March	30.07	30.57	29.63	42.1	43.8	50.4	37.7	44.0	77	19	37	39	81	83	.227	.244	1.39	.60	4.4	4.6	5.4
April	30.00	30.44	29.27	46.8	47.3	53.8	41.5	47.6	68	26	41	42	81	82	.265	.275	1.71	.66	4.5	5.1	5.3
May	29.91	30.41	29.58	58.7	58.2	65.6	53.4	59.5	83	46	52	54	82	87	.402	.419	5.03	1.21	5.0	5.5	6.3
June	29.97	30.25	29.66	66.4	65.5	72.9	60.6	66.8	90	47	59	61	79	87	.527	.556	2.91	1.65	2.9	5.1	4.5
July	29.98	30.18	29.67	70.3	69.0	75.6	65.0	70.3	87	56	65	65	85	88	.630	.625	.15	.06	4.4	5.0	5.0
August	29.98	30.15	29.77	68.4	70.2	75.1	64.2	69.6	88	52	62	64	82	83	.577	.614	3.24	1.01	4.5	3.5	5.0
September	30.05	30.48	29.67	68.6	69.6	73.8	64.7	69.2	80	50	63	65	83	85	.594	.628	3.96	2.08	5.0	4.7	6.6
October	29.96	30.32	29.01	56.6	57.7	63.1	51.8	57.4	76	38	50	50	79	78	.371	.381	5.20	1.12	4.9	4.8	5.6
November	30.08	30.66	29.52	41.7	43.0	49.3	36.5	42.9	64	22	36	36	80	77	.227	.227	2.38	.57	4.2	3.8	4.6
December	30.10	30.38	29.21	36.1	37.3	44.3	31.7	38.0	56	8	32	33	85	83	.192	.197	1.71	.71	4.1	4.1	5.4
Year	30.03	30.79	29.01	51.9	52.9	58.8	47.2	53.0	90	5	46	48	83	83	.364	.378	33.21	2.08	4.8	4.8	5.6

AUGUSTA, GA.

[λ = 33° 28′ N.; φ = 81° 54′ W.; gravity corr., —0.03.]

January	30.02	30.32	29.71	43.7	52.3	58.4	41.0	49.7	73	26	39	42	86	70	.250	.281	1.68	.38	6.0	4.5	5.4
February	29.98	30.37	29.50	45.0	51.9	58.1	40.9	49.5	74	25	39	42	82	70	.266	.285	7.09	2.20	6.5	5.9	6.3
March	29.97	30.38	29.71	52.9	63.4	71.7	49.0	60.4	88	25	47	46	81	54	.352	.330	2.04	1.09	3.8	3.0	3.3
April	29.89	30.16	29.54	57.9	67.1	75.2	52.8	64.0	90	40	48	46	71	49	.351	.333	2.17	1.70	3.3	3.5	3.1
May	29.79	30.17	29.38	67.1	73.0	82.4	60.4	71.4	92	41	59	56	77	58	.521	.475	3.49	1.12	3.7	6.6	4.8
June	29.89	30.12	29.63	72.4	78.5	89.2	65.5	77.4	97	53	64	62	75	60	.608	.569	9.12	2.52	3.5	5.5	3.6
July	29.88	30.08	29.63	74.7	77.8	85.8	69.7	77.8	92	60	69	70	84	78	.719	.733	9.99	1.78	6.3	6.9	6.0
August	29.85	29.98	29.68	74.4	78.1	87.7	70.3	79.0	97	62	69	70	84	77	.714	.737	7.39	1.99	5.9	7.2	5.3
September	29.86	30.18	29.34	71.5	76.2	84.1	67.0	75.6	93	55	66	67	83	74	.640	.606	5.26	2.76	4.2	3.3	3.8
October	29.85	30.15	29.15	57.8	65.1	75.0	54.0	64.5	88	38	51	54	80	69	.398	.432	3.34	2.80	2.9	2.3	2.3
November	30.03	30.46	29.74	45.0	54.0	62.4	41.8	52.1	76	25	39	40	81	62	.259	.276	1.82	1.24	3.2	2.1	3.0
December	30.01	30.40	29.51	41.9	49.8	57.8	39.1	48.4	73	9	38	42	86	75	.252	.290	2.15	.72	3.3	4.0	4.2
Year	29.92	30.46	29.15	58.7	65.6	74.0	54.3	64.2	97	9	52	53	81	66	.445	.451	55.54	2.80	4.4	4.6	4.3

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ASTORIA, OREG.

[H = 49 ft.; h_t = 39 ft.; h_r = 56 ft.; h_a = 60 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	.....	E.	....	.....	....	0	5	9	0	2	8	5	2	0	3	3	25	30	27	4	0	0	0	0	3	0	0
February	.....	SW.	....	.....	....	0	3	8	2	2	12	1	0	0	4	4	20	20	19	5	0	1	0	0	7	0	1
March	.....	W.	....	.....	....	1	0	6	1	1	8	10	4	0	6	5	20	25	23	3	0	0	0	0	1	0	0
April	.....	SW.	....	.....	....	0	0	0	0	2	17	4	7	0	5	5	20	22	19	0	0	0	0	0	0	0	0
May	.....	W.	....	.....	....	0	0	0	0	0	8	12	11	0	10	5	16	15	9	0	0	0	0	0	0	1	0
June	.....	W.	....	.....	....	0	0	0	1	0	5	18	6	0	5	3	22	19	13	0	0	0	0	0	0	1	0
July	.....	NW.	....	.....	....	0	0	0	0	0	8	11	12	0	17	9	5	5	3	0	0	0	0	0	0	0	0
August	.....	W.	....	.....	....	0	0	3	0	0	5	20	3	0	17	9	5	2	1	0	0	1	0	0	0	0	0
September	.....	W.	....	.....	....	0	0	1	0	4	9	10	6	0	9	8	13	18	15	0	0	2	0	0	0	0	0
October	.....	S.	....	.....	....	1	2	4	2	8	6	2	6	0	5	9	17	21	20	0	0	0	0	0	0	0	0
November	.....	SW.	....	.....	....	0	3	9	1	2	10	3	2	0	6	3	21	21	17	0	0	4	0	0	0	0	0
December	.....	E.	....	.....	....	0	0	20	3	3	1	4	0	0	9	3	19	19	16	3	0	0	0	0	1	0	0
Year	.....	W.	....	.....	....	2	13	60	10	24	97	100	59	0	96	66	203	217	182	15	0	8	0	0	12	2	1

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ATLANTA, GA.

[H = 1.131 ft.; h_t = 92 ft.; h_r = 85 ft.; h_a = 126 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.2	E.	40	NW.	1	1	8	16	2	6	1	8	18	2	10	7	14	10	10	0	0	5	0	0	6	0	0
February	12.5	NW.	48	SW.	1	1	5	8	6	6	8	4	18	0	9	6	13	15	14	2	0	4	1	0	9	2	0
March	10.2	NW.	38	NW.	0	6	2	5	9	12	8	7	13	0	12	16	3	11	9	0	0	1	0	0	5	2	0
April	10.8	NW.	45	W.	1	1	4	8	9	7	7	9	15	0	13	8	9	9	6	0	1	0	0	0	0	1	0
May	8.7	NW.	36	NW.	0	5	6	4	5	2	12	10	18	0	8	13	10	6	5	0	1	0	0	0	0	3	0
June	7.7	SW.	35	SW.	0	4	5	7	7	4	12	5	16	0	15	9	6	6	6	0	0	0	0	5	0	2	0
July	6.8	E.	34	NE.	0	2	12	12	11	3	7	7	8	0	5	13	13	14	12	0	0	0	0	2	0	6	0
August	7.2	W.	34	NW.	0	3	12	13	5	1	9	10	8	1	6	9	16	16	10	0	0	0	0	6	0	6	0
September	8.6	NE.	26	NE.	0	7	14	15	5	0	4	4	11	0	15	11	4	7	9	0	0	0	0	0	0	2	0
October	9.4	NW.	30	W.	0	6	9	10	5	3	6	9	14	0	22	4	5	5	4	0	0	0	0	0	0	0	0
November	10.3	NW.	35	NW.	0	1	2	10	9	3	6	4	25	0	19	6	5	4	4	0	0	4	0	0	3	1	0
December	10.1	NW.	40	SE.	1	2	6	6	13	2	9	5	19	0	16	7	8	11	9	2	0	5	3	0	5	2	0
Year	9.4	NW.	48	SW.	4	39	85	114	86	49	89	82	183	3	150	109	106	114	95	4	2	19	4	13	28	27	0

ATLANTIC CITY, N. J.

[H = 53 ft.; h_t = 68 ft.; h_r = 57 ft.; h_a = 76 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	11.7	NW.	52	W.	2	9	6	7	7	4	7	9	13	0	6	7	18	13	8	0	0	1	2	0	13	0	0
February	14.3	NW.	44	NE.	4	10	9	6	1	3	10	5	12	0	8	4	16	12	10	7	0	3	6	0	17	1	1
March	11.6	SW.	42	NW.	1	5	6	11	2	7	13	6	12	0	11	7	13	11	7	1	0	4	0	0	5	2	1
April	13.2	SW.	49	E.	2	8	6	6	7	4	19	2	8	0	12	8	10	10	7	1	0	1	0	0	3	2	0
May	11.7	E.	42	E.	1	4	6	13	7	7	13	8	4	0	9	7	15	18	15	0	0	2	0	0	0	7	0
June	11.0	SW.	28	NE.	0	7	4	2	0	11	27	6	3	0	16	10	4	13	9	0	0	2	0	0	0	6	0
July	10.3	SW.	32	NE.	0	3	4	6	1	7	36	3	2	0	9	17	5	6	1	0	0	1	0	0	0	2	0
August	8.4	SW.	27	N.	0	6	9	4	7	10	16	4	6	0	13	9	9	8	6	0	0	3	0	0	0	5	0
September	12.1	SW.	46	NE.	1	5	7	11	1	6	19	3	8	0	7	7	16	12	9	0	0	3	0	0	0	5	0
October	13.0	E.	54	E.	1	5	9	11	1	8	10	10	8	0	12	5	14	13	11	0	0	0	0	0	0	1	0
November	12.5	NW.	43	NW.	2	10	3	1	2	3	13	12	16	0	15	6	9	12	10	0	0	2	0	0	9	0	0
December	11.7	N.	48	NW.	2	14	6	3	1	3	9	13	13	0	*b*13	54	*b*13	10	9	1	0	1	2	0	14	0	0
Year	11.8	SW.	54	E.	16	86	75	81	37	73	192	81	105	0	131	91	142	138	102	10	0	23	10	0	61	31	2

b For 30 days.

AUGUSTA, GA.

[H = 209 ft.; h_t = 89 ft.; h_r = 54 ft.; h_a = 103 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.1	NE.	24	SW.	0	8	13	4	6	2	5	9	9	6	12	6	13	10	10	0	0	5	0	0	6	0	0
February	7.5	W.	36	W.	0	2	4	5	4	4	10	12	8	7	7	7	14	12	12	0	0	2	0	0	8	0	0
March	6.0	NW.	36	NW.	0	2	3	3	11	8	7	8	14	6	17	11	3	6	6	0	0	1	0	0	3	1	0
April	6.7	SE.	33	W.	0	1	9	2	12	11	2	8	7	8	19	6	5	9	6	0	0	0	0	0	0	2	0
May	5.3	S.	43	SW.	1	3	5	2	12	12	5	13	6	4	10	16	5	10	8	0	0	1	0	1	0	11	0
June	4.6	SE.	46	N.	3	2	5	3	13	14	7	4	3	9	16	8	6	12	11	0	0	0	0	11	0	11	0
July	4.1	Calm. S.	36	NW.	0	1	8	6	11	12	6	5	1	12	8	12	11	20	13	0	0	0	0	6	0	14	0
August	3.5	Calm. NE.	16	S.	0	3	11	8	6	14	6	5	5	14	8	14	9	16	12	0	0	0	0	11	0	13	0
September	3.7	Calm. E.	20	N.	0	6	10	9	7	1	1	3	4	19	17	5	8	5	5	0	0	1	0	4	0	2	0
October	4.2	NW.	26	NE.	0	9	10	5	4	1	1	6	9	17	24	2	5	4	4	0	0	0	0	0	0	1	0
November	3.8	Calm. NW.	15	W.	0	1	6	5	1	3	4	3	11	26	19	6	5	5	5	0	0	5	0	0	4	1	0
December	4.4	NW.	28	NW.	0	4	8	3	6	0	5	1	22	13	16	6	9	8	7	2	0	5	2	0	5	1	0
Year	5.0	Calm. NW.	46	N.	4	42	92	55	93	72	59	77	99	141	173	99	93	117	104	2	0	20	2	33	26	54	0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

BAKER CITY, OREG.

[λ = 44° 50′ N.; φ = 117° 50′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.											
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	26.40	26.74	26.03	23.3	27.1	31.8	19.3	25.6	46	— 4	19	20	81	74	.107	.113	3.40	1.04	7.5	7.4	7.5
February	26.46	26.92	25.98	16.9	25.6	30.1	13.7	21.9	40	— 7	11	15	74	63	.073	.087	1.59	.40	4.6	6.4	5.5
March	26.37	26.88	25.89	29.8	39.1	42.8	27.3	35.0	60	12	24	28	77	66	.130	.158	2.36	.46	7.1	7.2	7.1
April	26.47	26.80	26.04	36.1	51.2	54.3	35.2	44.8	71	25	29	32	75	48	.160	.180	1.64	.60	6.1	5.9	6.0
May	26.39	26.69	26.03	43.6	61.5	65.0	42.7	53.8	82	27	37	42	78	50	.234	.275	2.43	.61	5.2	5.7	5.5
June	26.40	26.62	26.14	47.4	64.2	67.9	46.2	57.0	83	31	37	45	67	52	.227	.314	1.74	.62	6.2	6.0	6.1
July	26.51	26.67	26.35	53.6	77.5	81.8	52.4	67.1	92	38	41	47	62	36	.260	.328	1.28	.55	1.8	3.5	2.6
August	26.48	26.65	26.29	55.6	79.6	83.8	54.2	69.0	94	45	42	46	60	32	.264	.312	.55	.28	1.8	4.4	3.1
September	26.44	26.67	26.05	44.5	62.7	66.8	42.3	54.6	84	34	33	38	64	43	.186	.234	.28	.10	4.3	5.0	4.7
October	26.45	26.76	26.02	38.1	53.0	58.4	35.8	47.1	75	25	30	34	72	52	.167	.202	1.13	.32	6.0	5.2	5.5
November	26.60	26.87	26.16	33.8	44.3	50.8	30.8	40.8	64	6	27	30	74	56	.149	.169	.04	.02	4.1	4.6	4.4
December	26.46	26.94	25.80	22.9	28.5	33.8	19.9	26.8	45	— 1	18	18	78	64	.102	.102	1.39	.28	6.5	5.8	6.2
Year	26.45	26.94	25.80	37.1	51.2	55.6	35.0	45.3	94	— 7	29	33	72	53	.172	.206	17.83	1.04	5.1	5.6	5.4

BALTIMORE, MD.

[λ = 39° 18′ N.; φ = 76° 37′ W.; gravity corr., —0.01.]

January	29.98	30.44	29.18	33.8	38.8	43.3	31.7	37.5	57	18	27	30	75	70	.152	.172	1.46	.99	5.4	4.6	5.2
February	29.95	30.62	29.35	31.1	35.4	40.6	28.2	34.4	59	8	24	25	74	66	.138	.141	3.53	1.06	6.7	5.0	5.5
March	29.92	30.41	29.46	43.2	50.0	57.4	39.1	48.2	82	20	32	36	66	59	.201	.222	1.19	.53	4.7	3.1	4.3
April	29.85	30.24	29.30	49.2	53.8	60.4	44.4	52.4	79	30	36	38	62	57	.228	.249	3.80	1.78	4.9	4.7	4.6
May	29.75	30.26	29.36	62.2	66.0	74.0	56.6	65.3	87	43	51	53	70	67	.392	.416	7.26	1.98	5.5	5.5	4.8
June	29.82	30.11	29.48	70.5	74.8	83.0	63.1	73.0	98	47	60	62	69	65	.529	.565	3.29	1.01	2.7	4.8	3.4
July	29.83	30.02	29.54	75.1	78.1	86.9	68.4	77.6	97	56	63	64	68	64	.593	.613	1.73	.47	3.0	4.1	3.1
August	29.84	30.01	29.62	70.0	74.7	81.3	65.0	73.2	93	57	61	62	74	65	.547	.559	1.41	.40	4.1	4.3	3.7
September	29.91	30.34	29.51	66.9	70.6	78.1	63.2	70.6	94	45	59	62	77	74	.528	.564	4.75	1.96	5.0	4.8	5.4
October	29.82	30.19	28.46	53.9	57.8	65.2	49.6	57.4	85	36	45	47	73	68	.313	.332	3.80	1.81	4.5	4.3	4.6
November	29.94	30.55	29.50	40.0	43.7	49.7	37.0	43.4	70	24	31	30	69	59	.180	.175	1.98	.64	4.4	4.2	3.9
December	29.96	30.23	29.18	33.9	38.0	43.9	31.5	37.7	59	7	27	28	74	68	.153	.161	4.12	1.51	5.4	3.2	4.5
Year	29.88	30.62	29.18	52.5	56.8	63.6	48.2	55.9	98	7	43	45	71	65	.330	.347	38.32	1.98	4.7	4.4	4.4

BISMARCK, N. DAK.

[λ = 46° 47′ N.; φ = 100° 38′ W.; gravity corr., 0.]

January	28.20	28.81	27.60	0.9	5.7	10.8	—4.5	3.2	45	—33	—6	—1	76	71	.043	.051	.20	.11	4.7	3.5	3.7
February	28.22	28.95	27.62	3.6	13.0	19.7	0.9	10.3	50	—21	—2	4	74	66	.043	.056	.04	.03	3.2	2.1	2.9
March	28.13	28.87	27.58	19.8	29.9	35.3	17.6	26.4	64	—10	13	17	74	56	.087	.101	2.27	1.17	5.5	4.6	4.4
April	28.14	28.56	27.72	37.3	49.1	52.2	35.0	43.6	74	23	32	38	81	68	.188	.246	3.40	.91	5.9	5.7	5.4
May	28.17	28.67	27.62	48.7	64.1	67.3	43.6	55.4	85	34	39	45	70	54	.244	.315	.77	.61	3.7	3.0	3.2
June	28.09	28.53	27.69	62.1	76.7	80.3	56.2	68.2	96	37	52	52	72	44	.404	.394	1.76	.55	3.8	3.4	3.3
July	28.23	28.51	27.86	64.6	84.2	89.7	58.7	74.2	101	47	52	51	64	33	.387	.383	.30	.25	3.3	2.4	2.5
August	28.25	28.50	27.86	59.1	80.5	87.3	56.1	71.7	100	43	51	53	75	41	.377	.411	.42	.13	2.7	3.2	3.0
September	28.12	28.68	27.60	47.4	62.8	71.1	44.7	57.9	94	26	39	43	75	52	.252	.287	3.83	3.67	4.5	4.0	3.7
October	28.08	28.51	27.38	36.6	47.1	56.1	34.0	45.0	77	21	32	34	81	61	.179	.195	.87	.29	4.7	3.3	4.1
November	28.25	28.85	27.50	23.0	28.6	38.2	17.9	28.0	63	— 9	17	18	78	64	.103	.109	.40	.17	6.1	4.0	6.2
December	28.22	29.10	27.46	14.8	22.6	33.4	11.9	22.6	59	—23	10	14	83	69	.072	.085	.06	.02	4.1	2.9	4.5
Year	28.18	29.10	27.38	34.7	47.0	53.4	31.0	42.2	101	—33	27	31	75	57	.198	.219	14.32	3.67	4.4	3.5	3.9

BLOCK ISLAND, R. I.

[λ = 41° 10′ N.; φ = 71° 36′ W.; gravity corr., — 0.01.]

January	30.12	30.65	28.79	32.9	35.5	38.4	28.7	33.6	54	7	28	29	80	78	.156	.169	3.16	1.22	5.6	4.4	5.8
February	30.11	30.81	29.31	29.0	30.3	35.1	23.3	29.2	49	0	23	24	77	78	.137	.142	4.43	1.05	5.6	4.0	5.9
March	30.07	30.53	29.55	38.3	40.1	45.1	34.5	39.8	58	22	33	35	82	83	.195	.208	2.15	.65	5.1	3.5	5.1
April	30.00	30.46	29.64	43.0	43.0	48.4	38.6	43.5	63	25	37	38	80	84	.230	.237	3.89	1.35	4.4	4.6	6.0
May	29.95	30.41	29.55	52.9	53.4	59.8	47.7	53.8	75	41	48	49	86	86	.344	.347	3.36	1.26	4.1	3.6	5.5
June	29.97	30.29	29.62	62.1	61.7	68.3	56.2	62.2	85	48	58	58	86	88	.491	.491	.51	.17	4.0	3.3	5.2
July	29.98	30.24	29.76	69.5	68.6	75.3	64.0	69.6	84	57	64	65	82	88	.592	.620	.22	.10	3.7	4.5	1.7
August	30.00	30.17	29.80	66.5	67.2	71.9	62.3	67.1	77	55	61	62	82	86	.542	.574	1.53	.60	4.3	3.5	4.8
September	30.10	30.55	29.68	64.6	65.0	69.7	60.3	65.0	76	50	60	61	85	87	.531	.548	2.03	1.14	4.4	4.0	5.8
October	29.97	30.36	29.19	55.4	56.5	60.7	51.2	56.0	69	40	49	50	80	78	.356	.365	6.15	2.22	5.5	4.4	5.2
November	30.04	30.64	29.16	42.9	43.4	48.2	36.4	42.3	64	20	35	36	73	76	.220	.231	4.81	1.63	5.1	4.7	5.3
December	30.10	30.45	29.48	35.5	37.0	42.3	31.1	36.7	57	11	28	29	73	74	.164	.171	5.22	2.52	4.5	4.0	5.0
Year	30.03	30.81	28.79	49.4	50.1	55.3	44.5	49.9	85	0	44	45	80	82	.330	.342	37.46	2.52	4.7	4.0	5.4

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

BAKER CITY, OREG.

[H = 3,430 ft.; h_t = 49 ft.; h_r = 38 ft.; h_a = 53 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	5.9	SE.	36	SE.	0	0	0	0	29	1	8	1	14	9	3	9	19	19	16	16	0	0	15	0	27	0	0
February	5.6	SE.	27	SE.	0	0	0	0	32	0	3	0	12	9	9	6	13	10	7	10	0	1	18	0	28	0	2
March	6.7	SE.	34	SE.	0	0	1	0	27	0	9	0	23	2	5	7	19	15	11	8	0	0	3	0	24	0	2
April	5.9	NW.	26	SE.	0	3	0	0	21	1	5	0	26	4	8	9	13	6	6	0	0	0	0	0	9	0	0
May	5.0	NW.	30	N.	0	1	3	2	20	4	1	0	26	5	11	7	13	11	11	1	0	0	0	0	4	2	0
June	4.7	NW.	36	SW.	0	5	0	0	7	4	3	0	35	6	7	8	15	10	6	0	3	0	0	0	1	3	0
July	4.9	NW.	21	SW.	0	0	0	0	24	5	4	0	28	1	20	6	5	4	4	0	1	0	0	2	0	3	0
August	5.1	NW.	28	NW.	0	2	0	0	20	11	4	0	22	3	19	7	5	6	4	0	1	0	0	7	0	4	1
September	4.9	SE.	26	SE.	0	1	1	0	26	2	2	0	24	4	11	10	9	6	3	0	0	0	0	0	0	0	0
October	5.0	SE.	26	NW.	0	0	1	0	30	5	7	1	12	6	5	15	11	11	10	0	0	0	0	0	9	0	0
November	4.9	SE.	24	NW.	0	1	0	0	28	6	6	0	4	15	12	10	8	2	0	0	0	0	1	0	17	0	0
December	5.8	SE.	30	SE.	0	1	0	0	37	5	6	0	3	10	6	12	13	12	11	12	0	1	12	0	27	0	0
Year	5.4	SE.	36	SE. SW.	0	14	6	2	301	44	58	2	229	74	116	106	143	112	89	47	5	2	49	9	146	12	5

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

BALTIMORE, MD.

[H = 179 ft.; h_t = 87 ft.; h_r = 80 ft.; h_a = 100 ft.]

January	7.3	NW.	48	W.	1	5	12	5	9	3	6	8	9	5	12	13	6	12	10	2	0	3	2	0	16	0	0
February	8.3	N.	42	NW.	1	12	10	8	4	3	5	6	4	4	9	11	8	15	11	8	0	1	5	0	18	0	1
March	7.9	NW.	37	W.	0	4	6	5	6	10	8	8	11	4	13	11	7	8	5	0	0	0	0	0	6	3	2
April	8.8	NW.	38	W.	0	8	4	1	11	7	5	9	13	2	11	11	8	12	7	3	0	0	0	0	1	3	0
May	7.9	SE.	33	W.	0	9	5	9	11	6	6	7	8	1	12	8	11	18	15	0	1	0	0	0	0	7	0
June	6.5	SW.	40	N.	1	3	4	4	4	11	14	7	12	1	17	11	2	11	7	0	1	0	0	6	0	8	0
July	6.7	SW.	26	W.	0	4	8	4	5	7	14	14	5	1	19	9	3	9	8	0	0	0	0	10	0	7	0
August	5.2	SE.	20	SE.	0	10	5	5	6	9	9	2	5	11	19	9	3	8	5	0	0	1	0	1	0	2	0
September	6.6	NE.	36	NW.	0	4	15	7	5	4	12	1	7	5	11	7	12	10	7	0	0	0	0	2	0	4	0
October	7.8	NW.	32	NW.	0	8	6	5	7	4	7	9	9	7	15	7	9	11	8	0	0	1	0	0	0	1	0
November	8.6	NW.	38	NW.	0	6	4	3	5	6	12	16	8	0	16	8	6	9	6	0	0	3	0	0	6	0	0
December	6.8	NW.	36	NW.	0	6	8	3	6	6	6	9	13	5	12	13	6	11	9	1	0	1	5	0	15	1	0
Year	7.4	NW.	48	W.	3	79	87	59	79	76	104	96	104	46	166	118	81	134	98	14	2	10	12	19	62	36	3

BISMARCK, N. DAK.

[H = 1,681 ft.; h_t = 16 ft.; h_r = 3 ft.; h_a = 29 ft.]

January	8.4	NW.	48	NW.	2	8	1	6	11	3	1	5	25	2	20	4	7	2	2	2	0	0	24	0	30	0	2
February	10.6	NW.	36	NW.	0	4	1	4	9	1	2	11	23	1	18	9	1	2	0	2	0	0	19	0	28	0	2
March	13.1	NW.	53	NW.	5	7	3	5	7	5	3	4	26	2	17	7	7	8	5	8	0	0	11	0	27	0	0
April	14.2	SE.	50	NW.	2	8	6	8	18	1	1	3	14	1	12	7	11	14	12	3	0	1	0	0	12	3	0
May	14.0	NE.	54	NE.	2	5	17	6	13	3	1	2	14	1	24	4	3	5	3	0	2	0	0	0	0	2	0
June	10.3	SE.	39	NW.	0	5	3	11	14	11	2	3	11	0	22	4	4	9	9	0	0	0	0	4	0	8	3
July	8.5	NW.	36	S.	0	12	1	5	7	11	4	1	20	1	24	5	2	3	1	0	0	0	0	16	0	4	3
August	8.1	E.	36	NE.	0	6	8	17	7	6	3	3	11	1	20	10	1	8	4	0	0	0	0	13	0	6	0
September	10.5	NW.	59	NW.	2	7	2	9	2	7	1	6	23	3	18	8	4	4	4	0	0	0	0	2	4	1	4
October	10.8	NW.	40	NW.	1	9	5	15	6	2	0	5	19	1	19	6	6	6	5	1	0	0	0	0	10	0	3
November	11.5	NW.	54	NW.	4	9	2	3	9	6	5	2	21	3	7	9	14	4	3	1	0	0	7	0	25	0	0
December	7.9	NW.	38	NW.	0	10	4	4	5	3	4	7	21	4	18	5	8	4	0	3	0	0	17	0	30	0	0
Year	10.7	NW.	59	NW.	18	90	53	93	108	59	27	52	228	20	219	78	68	69	48	20	2	1	78	35	166	24	17

BLOCK ISLAND, R. I.

[H = 27 ft.; h_t = 39 ft.; h_r = 3 ft.; h_a = 43 ft.]

January	18.2	NW.	68	E.	10	2	11	6	6	0	9	6	22	0	7	14	10	12	11	4	0	4	5	0	20	0	0
February	21.0	NW.	73	E.	10	2	13	6	4	1	8	4	18	0	8	11	9	14	14	8	0	2	8	0	22	0	1
March	14.2	NW.	42	NW.	1	0	4	1	10	3	17	3	23	1	11	15	5	10	10	4	0	4	1	0	7	0	1
April	19.1	SW.	72	E.	6	4	12	4	2	3	21	3	9	2	8	11	11	11	8	2	0	4	0	0	2	0	0
May	14.3	SW.	48	E.	3	2	6	7	12	1	17	9	8	0	10	11	10	12	9	0	0	5	0	0	0	2	0
June	15.8	SW.	36	NE.	0	0	3	1	3	2	31	13	7	0	9	15	6	6	4	0	0	8	0	0	0	2	0
July	15.2	SW.	37	SW.	0	0	4	4	3	2	34	4	11	0	11	17	3	4	2	0	0	4	0	0	0	0	0
August	12.1	SW.	36	NE.	0	1	10	6	9	3	20	6	7	0	10	16	5	7	6	0	0	5	0	0	0	3	0
September	14.8	SW.	60	NE.	3	2	10	10	2	2	19	7	6	2	7	16	7	9	7	0	0	6	0	0	0	0	0
October	20.4	NW.	84	E.	8	2	7	11	4	0	11	9	18	0	11	9	11	14	11	0	0	1	0	0	0	1	0
November	19.2	NW.	78	E.	8	5	6	4	2	2	8	10	23	0	11	12	7	15	12	0	0	0	1	0	10	0	0
December	17.3	NW.	68	E.	5	5	10	7	1	3	5	11	20	0	12	11	8	11	11	2	0	1	3	0	13	0	0
Year	16.8	SW.	84	E.	54	25	96	67	58	22	200	85	172	5	115	158	92	125	105	20	0	44	18	0	74	8	2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

BOSTON, MASS.

[λ = 42° 21′ N.; φ = 71° 4′ W.; gravity corr., — 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.00	30.59	28.64	27.1	31.1	37.1	23.1	30.1	56	2	20	23	73	71	.115	.133	3.01	1.10	5.4	4.4	5.7
February	29.99	30.70	29.06	24.1	27.8	33.8	19.3	26.6	51	— 7	16	19	70	67	.103	.111	3.15	.88	6.3	5.7	5.9
March	29.93	30.37	29.36	39.2	41.9	49.9	35.1	42.5	70	20	30	32	69	69	.172	.187	1.01	.51	6.8	4.9	5.9
April	29.89	30.33	29.51	45.6	47.2	54.0	40.1	47.0	79	23	34	36	67	67	.209	.225	3.78	1.44	5.9	6.2	5.8
May	29.84	30.29	29.44	55.9	57.7	65.7	49.4	57.6	88	39	45	46	70	70	.310	.322	4.12	1.15	6.2	5.0	5.4
June	29.83	30.13	29.44	65.9	68.7	78.1	59.4	68.8	95	47	56	57	71	68	.467	.488	.80	.33	5.7	5.4	6.0
July	29.85	30.15	29.58	72.1	72.9	82.3	65.1	73.7	97	56	60	63	68	72	.530	.580	3.09	1.13	3.9	4.6	5.1
August	29.88	30.06	29.66	65.6	68.1	75.9	60.2	68.0	90	47	57	58	74	71	.474	.496	3.03	2.10	5.6	4.2	5.6
September	29.99	30.46	29.48	62.3	64.6	72.0	57.7	64.8	88	42	55	57	78	78	.446	.484	2.14	1.59	5.7	4.4	5.8
October	29.86	30.26	29.30	51.5	53.5	60.6	47.4	54.0	76	38	44	45	76	74	.292	.306	5.11	1.45	5.9	4.5	6.2
November	29.92	30.54	29.33	36.6	38.4	44.6	31.9	38.2	66	15	28	29	70	70	.165	.175	3.10	1.50	5.2	4.7	5.4
December	29.98	30.34	29.37	30.3	32.1	38.9	25.5	32.2	55	8	22	24	71	72	.130	.139	4.28	2.32	6.0	4.5	5.4
Year	29.91	30.70	28.64	48.0	50.3	57.7	42.8	50.3	97	— 7	39	41	71	71	.284	.304	36.62	2.32	5.7	4.9	5.7

BUFFALO, N. Y.

[λ = 42° 53′ N.; φ = 78° 53′ W.; gravity corr., 0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	29.34	29.86	28.78	30.2	31.3	36.1	25.2	30.6	48	12	23	25	74	77	.130	.138	2.77	.88	7.9	6.5	6.8
February	29.35	30.05	28.76	21.9	25.0	28.5	17.0	22.8	49	— 5	15	20	74	79	.091	.115	3.84	1.60	7.4	6.2	6.1
March	29.29	29.66	28.75	37.0	39.7	45.6	32.0	38.8	67	16	28	33	69	78	.155	.207	1.73	.75	6.6	5.8	6.1
April	29.31	29.68	28.97	43.7	45.6	52.7	37.5	45.1	76	23	33	36	66	70	.193	.219	3.69	1.50	5.5	4.6	5.3
May	29.20	29.68	28.79	54.5	56.2	62.0	47.2	54.6	82	39	44	46	70	70	.302	.318	6.08	2.15	6.2	6.6	5.4
June	29.25	29.51	28.75	64.5	67.1	71.6	59.6	65.6	89	42	57	58	77	73	.482	.497	3.45	1.18	6.4	5.6	4.8
July	29.27	29.52	28.98	70.1	72.3	77.6	63.8	70.7	89	50	62	63	75	72	.557	.580	1.81	.68	4.4	3.8	4.7
August	29.29	29.48	29.02	65.4	69.7	74.8	59.4	67.1	82	51	56	56	73	64	.458	.472	.56	.27	4.3	3.7	5.2
September	29.34	29.70	28.95	63.7	66.0	72.9	58.0	65.4	83	36	56	56	76	72	.463	.472	5.58	2.29	5.3	4.1	5.9
October	29.21	29.55	28.78	52.2	54.1	60.3	47.5	53.9	81	34	44	45	73	72	.294	.308	5.09	1.14	6.5	5.0	6.8
November	29.29	29.99	28.83	34.7	37.3	41.5	30.7	36.1	70	17	29	30	78	74	.164	.166	1.82	.37	8.6	7.0	8.4
December	29.33	29.72	28.90	32.6	34.3	37.5	28.5	33.0	59	3	27	29	80	80	.155	.167	2.49	.70	6.7	6.4	7.1
Year	29.29	30.05	28.75	47.5	49.9	55.1	42.2	48.6	89	—5	40	41	74	73	.287	.305	38.92	2.29	6.3	5.4	6.0

CAIRO, ILL.

[λ = 37° N.; φ = 89° 10′ W.; gravity corr., —0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	29.75	30.26	29.29	35.2	43.2	47.6	32.3	40.0	68	— 4	29	35	79	74	.181	.228	2.18	.89	4.5	4.6	5.1
February	29.76	30.27	28.90	31.7	38.9	42.4	29.1	35.8	64	12	25	32	76	78	.145	.190	4.77	1.69	6.1	4.6	5.5
March	29.70	30.21	29.35	46.7	55.7	60.8	43.9	52.4	78	17	39	46	75	72	.272	.338	4.14	1.60	4.5	3.3	5.0
April	29.64	30.06	29.40	53.9	63.6	68.4	50.5	59.4	87	38	45	52	72	67	.320	.400	2.54	1.06	3.3	3.7	4.5
May	29.59	29.96	29.26	61.5	68.1	74.0	57.4	65.7	87	41	56	60	81	78	.460	.542	2.79	1.15	4.3	4.6	5.5
June	29.65	29.90	29.43	71.8	80.5	87.5	65.9	76.7	94	46	63	64	74	59	.596	.614	1.04	.47	3.0	3.0	2.4
July	29.66	29.83	29.51	72.6	78.9	86.2	67.9	77.0	95	62	63	64	73	61	.585	.592	1.92	1.37	3.6	4.6	3.6
August	29.64	29.80	29.51	71.7	79.0	87.6	68.3	78.0	100	58	65	65	82	64	.634	.630	1.68	.71	3.5	4.5	3.6
September	29.66	30.01	29.45	65.6	72.2	80.0	63.0	71.5	90	48	61	62	85	71	.562	.574	2.69	1.19	4.0	4.2	4.1
October	29.63	29.90	29.25	52.4	62.8	70.1	50.4	60.2	85	38	45	46	76	56	.309	.328	1.47	.67	3.7	2.2	3.6
November	29.78	30.18	29.40	39.1	48.4	54.6	36.3	45.4	73	20	29	31	68	52	.169	.181	1.42	1.30	4.5	2.3	4.3
December	29.79	30.23	28.91	36.2	42.4	47.8	33.9	40.8	66	1	31	32	81	70	.189	.197	3.87	1.17	6.0	3.5	5.4
Year	29.69	30.27	28.90	53.2	61.1	67.2	49.9	58.6	100	— 4	46	49	77	67	.368	.401	30.51	1.69	4.2	3.8	4.4

FORT CANBY, WASH.

[λ = 46° 16′ N.; φ = 124° 4′ W.; gravity corr., 0.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	29.74	30.20	28.87	40.5	42.5	44.7	37.5	41.1	50	29	38	38	91	85	.232	.237	11.02	1.55	7.4	6.8	6.9
February	29.80	30.35	29.28	38.1	41.2	42.9	35.6	39.2	48	25	35	36	88	84	.208	.221	9.12	1.64	5.6	7.5	7.1
March	29.74	30.19	29.21	41.0	44.1	47.5	37.8	42.6	62	32	37	38	88	80	.226	.229	9.70	1.62	6.8	6.5	5.9
April	29.91	30.22	29.32	44.1	47.1	50.6	42.0	46.3	61	36	40	42	87	82	.254	.267	5.42	1.00	7.6	6.8	5.8
May	29.83	30.24	29.48	48.3	52.0	55.5	46.1	50.8	72	38	44	45	84	77	.289	.304	1.82	1.26	6.7	5.6	5.7
June	29.83	30.04	29.50	51.7	55.1	59.0	50.0	54.5	69	44	48	50	89	84	.341	.367	3.22	.88	8.8	8.0	8.1
July	29.91	30.07	29.65	54.1	58.5	61.8	52.7	57.2	73	49	51	53	90	81	.379	.399	.43	.39	6.8	5.3	5.6
August	29.83	30.00	29.58	58.1	62.9	66.7	56.2	61.4	89	51	55	56	90	81	.429	.451	.15	.08	4.4	4.4	5.6
September	29.79	30.08	29.22	54.6	57.4	61.3	52.3	56.8	78	47	51	52	90	84	.380	.393	5.53	1.03	5.7	6.4	7.1
October	29.77	30.09	29.27	49.8	52.0	55.2	47.0	51.1	66	42	47	48	90	86	.323	.332	10.12	1.97	7.5	8.1	7.8
November	29.93	30.19	29.41	48.0	49.5	52.4	44.7	48.6	65	35	45	46	90	88	.305	.315	8.23	2.16	5.1	7.4	7.4
December	29.70	30.30	28.55	40.9	42.3	44.9	37.4	41.2	50	32	34	35	78	78	.200	.209	.535	1.40	6.0	6.7	6.5
Year	29.82	30.35	28.55	47.4	50.4	53.5	44.9	49.2	89	25	44	45	88	82	.297	.310	70.11	2.16	6.5	6.6	6.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

BOSTON, MASS.

[H = 125 ft.; h_t = 115 ft.; h_r = 154 ft.; h_a = 181 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	12.3	W.	51	NE.	2	8	2	4	1	1	11	17	18	0	9	9	13	12	10	6	0	2	9	0	27	0	1
February	13.1	W.	49	NE.	3	8	5	1	1	2	14	12	13	0	7	11	10	11	11	8	1	1	13	0	23	0	2
March	12.0	W.	36	W.	0	3	4	4	6	4	15	17	9	0	6	17	8	13	5	3	0	0	1	0	6	0	1
April	13.6	SW.	48	NE.	2	11	11	1	6	5	12	8	6	0	10	8	12	11	9	4	0	1	0	0	6	0	1
May	10.9	E.	45	W.	2	2	10	9	9	2	14	5	11	0	11	10	10	12	9	0	0	2	0	0	0	0	0
June	10.5	SW.	30	S.	0	1	6	2	4	4	23	16	4	0	4	20	6	6	5	0	0	0	0	5	0	2	0
July	9.4	SW.	33	W.	0	1	6	7	5	2	20	13	8	0	11	12	8	11	9	0	0	2	0	5	0	6	2
August	9.5	SW.	26	SW.	0	3	6	7	7	1	18	14	6	0	10	10	11	7	6	0	0	1	0	1	0	2	0
September	9.2	SW.	32	NE.	0	1	12	6	3	2	17	9	10	0	11	8	11	6	6	0	0	4	0	0	0	0	1
October	11.9	W.	49	E.	1	4	12	5	6	4	9	19	3	0	8	9	14	10	10	0	0	1	0	0	0	0	0
November	12.2	W.	38	SW.	0	6	2	2	3	3	12	20	12	0	12	6	12	14	10	5	0	1	3	0	16	0	0
December	11.4	W.	50	NE.	1	6	3	3	1	5	10	19	14	1	9	12	10	10	7	7	0	1	8	0	25	0	0
Year	11.3	W.	51	NE.	11	54	79	51	52	35	175	169	114	1	108	132	125	123	97	33	1	16	34	11	103	12	8

a By eye observations at 8 a. m. and 8 p. m., when there is no self-register at station.

BUFFALO, N. Y.

[H = 690 ft.; h_t = 103 ft.; h_r = 93 ft.; h_a = 108 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	13.6	NW.	48	W.	7	2	6	8	1	7	11	9	18	0	3	14	14	15	10	10	0	4	10	0	25	0	1
February	14.4	W.	58	W.	4	3	7	6	2	2	13	10	13	0	4	16	8	15	10	11	0	1	17	0	26	0	1
March	13.0	SW.	46	W.	3	0	6	7	3	6	17	10	13	0	6	18	7	13	7	3	0	2	3	0	14	1	2
April	8.9	SW.	40	W.	1	2	9	8	4	0	14	15	8	0	12	10	8	12	10	4	0	1	0	0	7	2	0
May	9.7	SW.	44	W.	1	5	7	11	3	4	15	9	8	0	11	12	8	18	16	0	0	3	0	0	0	4	0
June	9.7	SW.	36	SW.	0	0	2	1	0	5	37	11	4	0	10	14	6	12	7	0	0	0	0	0	0	8	0
July	9.4	W.	48	W.	1	2	4	6	0	4	26	14	6	0	11	17	3	9	8	0	0	0	0	0	0	7	0
August	8.0	SW.	33	W.	0	6	4	10	2	5	18	6	10	1	6	23	2	6	5	0	0	0	0	0	0	5	0
September	9.5	SW.	50	W.	3	4	11	6	2	10	13	6	8	0	3	21	6	12	9	0	0	3	0	0	0	4	2
October	11.3	NW.	48	W.	2	2	5	10	4	6	12	5	18	0	4	14	13	13	10	1	1	1	0	0	0	2	0
November	15.3	NW.	59	SW.	5	2	6	3	5	5	13	7	19	0	0	10	20	16	11	12	0	0	5	0	15	1	0
December	15.3	NW.	50	W.	5	2	2	6	4	5	17	7	19	0	3	13	15	15	11	7	0	5	7	0	16	1	0
Year	11.5	SW.	59	SW.	32	30	69	82	30	59	206	100	144	1	73	182	110	156	114	48	1	20	42	0	103	35	6

CAIRO, ILL.

[H = 359 ft.; h_t = 87 ft.; h_r = 78 ft.; h_a = 93 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.4	S.	36	S.	0	9	2	5	9	19	5	3	8	2	14	6	11	11	9	1	0	2	3	0	14	1	0
February	12.2	N.	48	SW.	2	13	9	1	7	13	2	4	7	0	9	7	12	10	9	4	0	0	6	0	16	0	0
March	11.1	S.	44	SW.	2	5	5	2	11	22	4	1	10	2	12	11	8	9	9	2	1	0	2	0	5	3	0
April	9.3	S.	48	SW.	1	3	10	8	12	12	5	6	4	0	12	10	8	9	7	0	0	0	0	0	0	4	0
May	8.3	S.	40	W.	1	5	10	5	5	17	4	4	12	0	6	16	9	11	7	0	1	3	0	0	0	9	0
June	6.5	SW.	44	SW.	1	10	2	4	5	15	18	3	1	2	22	7	1	8	6	0	0	0	0	12	0	9	0
July	6.1	S.	36	NW.	0	12	9	8	1	16	9	0	6	1	13	16	2	8	4	0	0	0	0	6	0	8	0
August	5.5	S.	39	NW.	0	10	13	2	3	13	9	4	5	3	17	10	4	9	7	0	0	2	0	9	0	8	0
September	6.9	SE.	36	SE.	0	8	12	2	13	12	4	0	6	3	13	10	7	9	8	0	0	2	0	0	0	5	0
October	7.8	S.	35	SW.	0	5	3	4	6	20	7	6	11	0	19	6	6	8	4	0	0	0	0	0	0	2	0
November	10.0	S.	34	NW.	0	10	2	3	6	18	2	3	16	0	14	7	9	3	3	0	0	0	1	0	11	1	0
December	8.8	S.	33	NW.	0	14	2	2	4	20	4	6	10	0	13	6	12	11	9	1	0	1	6	0	9	2	0
Year	8.5	S.	48	SW.	7	104	79	46	82	197	73	40	96	13	164	112	89	106	82	8	2	10	18	27	55	52	0

FORT CANBY, WASH.

[H = 179 ft.; h_t = 10 ft.; h_r = 2 ft.; h_a = 34 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	18.3	S.	91	S.	15	9	1	11	5	13	9	11	2	1	6	8	17	29	24	2	1	8	0	0	1	1	0
February	18.1	E.	80	S.	13	6	2	17	2	9	8	11	6	1	7	4	17	21	18	8	0	5	0	0	7	0	1
March	16.5	E.	84	S.	15	6	1	15	6	7	5	12	10	0	10	7	14	25	20	2	0	1	0	0	1	0	0
April	14.5	NW.	66	S.	9	5	1	6	6	13	3	11	14	1	10	6	14	20	14	0	0	4	0	0	0	0	0
May	16.2	N.	48	S.	2	19	1	7	1	5	6	7	15	1	12	5	14	14	7	0	0	5	0	0	0	1	0
June	9.6	W.	68	SE.	2	8	0	3	7	5	6	21	10	0	2	7	21	18	12	0	2	3	0	0	0	0	0
July	16.1	NW.	43	E.	2	4	1	7	6	2	1	9	32	0	12	7	12	4	2	0	0	5	0	0	0	0	0
August	9.0	NW.	38	SE.	0	13	1	3	14	2	2	9	18	0	9	12	10	5	1	0	0	9	0	0	0	0	0
September	13.8	SE.	72	SE.	11	8	3	5	16	1	5	13	8	1	7	4	19	20	17	0	0	1	0	0	0	0	0
October	15.9	SE.	72	SE.	13	4	1	9	19	4	2	3	18	2	4	8	19	21	20	0	3	2	0	0	0	2	0
November	12.8	SE.	73	SE.	8	8	0	9	14	7	4	8	9	1	6	3	21	22	19	0	0	9	0	0	0	0	0
December	18.8	E.	77	SE.	17	4	4	28	10	4	4	3	5	0	9	4	18	17	15	1	3	9	0	0	0	1	0
Year	14.0	NW.	91	S.	107	94	16	120	106	72	55	118	141	8	94	75	196	216	169	13	9	52	0	0	9	5	1

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

CAPE HENRY, VA.

[λ = 36° 56′ N.; φ = 76° W.; gravity corr., −0.02.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	.....	.....	.....	.....	.....	52.9	38.8	45.8	66	27	.....	.....	.....	.....	.....	.....	3.52	.77	.....	.....	.....
February	.....	.....	.....	.....	.....	51.1	35.0	43.0	72	22	.....	.....	.....	.....	.....	.....	5.95	1.80	.....	.....	.....
March	.....	.....	.....	.....	.....	59.3	42.0	50.6	85	26	.....	.....	.....	.....	.....	.....	2.77	1.20	.....	.....	.....
April	.....	.....	.....	.....	.....	61.8	47.0	54.4	79	36	.....	.....	.....	.....	.....	.....	1.76	.74	.....	.....	.....
May	.....	.....	.....	.....	.....	76.7	58.9	67.8	95	50	.....	.....	.....	.....	.....	.....	3.75	.74	.....	.....	.....
June	.....	.....	.....	.....	.....	83.7	65.6	74.6	96	53	.....	.....	.....	.....	.....	.....	2.20	1.15	.....	.....	.....
July	.....	.....	.....	.....	.....	85.8	69.2	77.5	97	59	.....	.....	.....	.....	.....	.....	7.18	1.90	.....	.....	.....
August	.....	.....	.....	.....	.....	81.8	68.3	75.0	92	62	.....	.....	.....	.....	.....	.....	6.11	1.50	.....	.....	.....
September	.....	.....	.....	.....	.....	82.8	68.2	75.5	96	60	.....	.....	.....	.....	.....	.....	4.85	2.00	.....	.....	.....
October	.....	30.15	29.23	.....	.....	69.3	56.4	62.8	84	41	.....	.....	.....	.....	.....	.....	4.31	2.24	.....	3.6	4.3
November	.....	30.65	29.70	.....	.....	57.2	43.2	50.2	72	32	.....	.....	.....	.....	.....	.....	1.28	.71	.....	1.4	3.3
December	.....	.....	.....	.....	.....	51.4	36.4	43.9	72	14	.....	.....	.....	.....	.....	.....	2.69	1.35	.....	.....	.....
Year	.....	.....	.....	.....	.....	67.8	52.4	60.1	97	14	.....	.....	.....	.....	.....	.....	46.37	2.24	.....	.....	.....

CARSON CITY, NEV.

[λ = 39° 10′ N.; φ = 119° 46′ W.; gravity corr., −0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	25.30	25.60	24.98	28.3	38.2	43.4	24.0	33.7	56	−7	18	22	65	52	.104	.119	2.79	1.57	4.3	5.7	5.2
February	25.30	25.65	24.85	25.4	38.4	42.3	20.8	31.6	60	−7	14	23	59	54	.086	.124	2.50	1.11	4.0	5.5	4.5
March	25.26	25.62	24.83	35.6	49.0	52.6	31.5	42.0	70	12	20	20	53	33	.111	.115	.97	.41	4.3	5.3	4.3
April	25.31	25.56	24.98	39.1	57.8	61.5	36.1	48.8	72	19	24	20	54	24	.130	.111	.27	.16	4.3	3.8	2.7
May	25.21	25.43	24.93	45.2	64.9	68.6	42.0	55.3	79	22	30	27	56	25	.174	.154	1.07	.40	3.6	3.1	2.8
June	25.24	25.43	25.04	47.0	65.5	69.1	43.0	56.0	82	27	32	30	58	28	.185	.170	1.22	.92	3.3	4.1	3.4
July	25.36	25.49	25.21	59.1	80.8	83.6	53.5	68.6	90	46	39	35	49	20	.245	.209	.24	.14	1.2	1.9	1.2
August	25.34	25.48	25.18	57.6	79.6	83.1	51.8	67.4	90	37	38	35	48	22	.233	.214	.03	.02	1.9	2.2	1.6
September	25.30	25.56	24.90	49.3	69.6	73.8	44.2	59.0	83	28	28	26	45	21	.154	.145	.06	.06	1.0	1.4	1.1
October	25.33	25.61	24.93	41.5	61.0	66.5	36.8	51.6	77	22	26	28	54	30	.143	.152	.43	.22	2.0	2.7	2.1
November	25.46	25.71	25.16	32.3	55.5	62.4	26.5	44.4	70	12	17	20	50	25	.090	.106	.21	.21	0.9	3.0	1.2
December	25.26	25.67	24.78	28.0	35.3	40.2	22.0	31.1	51	6	16	21	58	55	.092	.112	3.56	.72	5.9	7.3	5.1
Year	25.31	25.71	24.78	40.7	58.0	62.3	36.0	49.1	90	−7	25	26	54	32	.146	.144	13.35	1.57	3.1	3.8	2.9

CHARLESTON, S. C.

[λ = 32° 47′ N.; φ = 79° 56′ W.; gravity corr., −0.03.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.17	30.47	29.81	48.1	52.2	59.9	45.7	52.8	74	30	43	46	84	80	.298	.320	1.71	0.53	6.1	4.9	5.8
February	30.14	30.50	29.66	49.0	52.3	60.0	45.6	52.8	76	29	44	45	84	79	.315	.325	3.91	.95	6.3	5.4	6.2
March	30.14	30.53	29.79	56.3	58.9	69.2	53.5	61.4	84	32	51	52	82	78	.399	.410	1.78	.93	4.3	3.0	4.2
April	30.06	30.29	29.63	61.8	63.8	71.9	57.5	64.7	86	44	53	57	74	80	.422	.474	0.53	.38	3.7	3.4	4.0
May	29.97	30.32	29.56	70.4	70.8	79.5	65.4	72.4	89	45	61	64	78	80	.593	.607	3.47	1.16	3.9	4.5	4.6
June	30.06	30.26	29.83	75.0	75.8	82.9	70.5	76.7	93	59	66	67	75	75	.657	.672	3.38	1.63	4.7	4.4	4.7
July	30.04	30.22	29.80	77.4	77.3	84.9	72.8	78.8	91	64	71	72	82	83	.766	.781	11.28	3.14	5.8	6.4	5.8
August	30.00	30.12	29.88	77.3	79.0	87.0	52.9	80.0	96	67	72	73	83	82	.780	.811	12.11	2.47	5.5	5.9	5.8
September	29.99	30.29	29.22	74.2	77.5	83.7	71.6	77.6	95	62	69	70	44	79	.718	.739	10.94	7.00	5.1	5.2	5.4
October	30.00	30.28	29.16	64.1	67.3	75.1	61.7	68.4	86	50	57	59	78	76	.486	.518	4.12	3.07	2.7	3.5	3.1
November	30.19	30.61	29.84	52.1	57.3	64.6	50.3	57.4	76	33	45	48	78	73	.324	.366	3.14	1.61	2.9	2.9	3.2
December	30.17	30.54	29.72	47.2	52.4	59.7	45.2	52.4	73	14	41	45	80	76	.286	.329	0.44	.28	3.3	3.5	3.7
Year	30.08	30.61	29.16	62.7	65.4	73.2	59.4	66.3	96	14	56	58	80	78	.504	.529	56.81	7.00	4.5	4.4	4.7

CHARLOTTE, N. C.

[λ = 35° 13′ N.; φ = 80° 51′ W.; gravity corr., −0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.36	29.74	28.98	39.2	46.4	52.5	36.9	44.7	64	24	33	35	79	66	.206	.220	3.23	1.15	7.1	5.6	6.5
February	29.30	29.74	28.73	39.1	47.3	53.3	36.5	44.9	69	16	33	33	78	58	.205	.212	4.54	1.78	5.9	6.0	6.1
March	29.31	29.72	29.06	49.0	59.4	67.9	45.8	56.6	85	20	41	40	74	50	.286	.276	1.04	.37	5.0	2.6	3.9
April	29.25	29.56	28.90	54.0	61.7	70.3	49.0	59.6	86	35	42	40	64	49	.278	.270	2.43	.97	3.7	4.1	3.6
May	29.16	29.57	28.72	64.6	69.8	80.6	58.1	69.4	92	41	55	53	73	58	.451	.421	2.27	.97	4.5	5.9	4.3
June	29.26	29.48	28.99	70.7	76.6	88.3	64.1	76.2	96	46	60	58	70	57	.538	.505	3.68	1.80	4.2	4.6	3.7
July	29.26	29.46	29.01	72.5	76.3	86.0	67.6	76.8	93	59	66	65	81	70	.645	.619	4.99	1.94	6.5	6.2	4.2
August	29.24	29.38	29.06	71.2	75.2	85.3	66.5	75.9	96	57	66	66	83	75	.639	.653	3.03	1.35	6.0	5.2	4.3
September	29.26	29.61	28.81	68.3	72.8	81.8	64.0	73.9	93	53	62	62	82	71	.579	.566	5.60	3.16	5.6	3.5	4.4
October	29.22	29.51	28.68	55.5	61.4	70.5	51.5	61.0	85	39	49	49	79	66	.361	.361	6.12	3.80	3.1	1.9	2.6
November	29.36	29.84	29.05	42.3	49.3	57.8	39.2	48.5	73	24	34	34	74	56	.219	.219	1.71	1.39	3.7	2.4	2.9
December	29.34	29.64	28.85	38.4	45.3	51.8	35.9	43.8	69	2	34	34	82	66	.208	.218	4.30	1.84	5.2	4.1	4.8
Year	29.28	29.84	28.68	55.4	61.8	70.5	51.3	60.9	96	2	48	47	77	62	.385	.378	42.94	3.80	5.0	4.3	4.3

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

CAPE HENRY, VA.

[H = 20 ft.; h_t = 5 ft.; h_r = 6 ft.; h_a = 34 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	13.7	W.	....	....	....	5	4	1	3	3	5	7	2	1	10	3	18	11	11	0	0	1	0	0	6	0	0
February	15.0	NE.	....	....	....	3	6	1	3	5	3	3	4	0	7	7	14	14	13	3	0	6	1	0	9	0	0
March	11.6	SE.	....	....	....	0	4	3	10	1	2	2	8	1	12	7	12	12	8	0	1	6	0	0	2	3	1
April	14.6	NW.	....	....	....	1	2	3	7	4	4	0	9	0	14	8	8	7	4	0	0	0	0	0	0	1	0
May	11.0	SE.	....	....	....	0	0	0	17	3	8	0	3	0	17	5	9	10	10	0	0	1	0	2	0	7	0
June	12.1	SE.	....	....	....	0	4	0	10	8	7	1	0	0	17	9	4	9	7	0	0	0	0	9	0	1	0
July	b 9.9	SW.	....	....	....	0	2	4	5	2	14	2	2	0	16	11	4	13	10	0	1	0	0	7	0	3	0
August	9.2	NE.	....	....	....	5	12	1	6	0	2	3	2	0	1	8	22	10	9	0	0	2	0	3	0	0	0
September	14.2	NE.	....	....	....	3	13	2	3	2	6	0	1	0	8	6	16	6	6	0	0	2	0	1	0	0	0
October	13.7	NE.	66	NE.	3	3	8	0	3	2	7	2	6	0	17	5	9	9	6	0	0	0	0	0	0	0	0
November	12.5	SW.	43	NW.	3	3	2	1	4	1	7	5	7	0	17	9	4	5	2	0	0	0	0	0	0	0	0
December	13.5	SW.	....	....	....	8	5	0	1	0	10	0	7	0	4	19	8	7	6	1	0	0	2	0	5	1	0
Year	12.6	SW.	....	....	....	31	62	16	72	31	75	25	51	2	140	97	128	113	92	4	2	18	3	22	22	16	1

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station. b For 695 hours.

CARSON CITY, NEV.

[H = 4,720 ft.; h_t = 47 ft.; h_r = 42 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	SW.	....	....	....	6	0	0	4	12	15	7	10	8	16	1	12	10	8	7	0	0	2	0	23	0	0
February	.....	SW.	....	....	....	9	2	2	6	5	19	4	4	5	15	2	11	10	8	9	0	0	2	0	24	0	1
March	.....	SW.	....	....	....	3	0	0	3	6	23	6	13	8	17	7	7	7	3	3	1	0	1	0	17	0	0
April	.....	SW.	....	....	....	5	2	3	2	1	17	12	12	6	22	6	2	3	2	2	1	0	0	0	10	1	0
May	.....	SW.	....	....	....	2	5	1	2	6	16	9	9	12	25	3	3	7	6	0	1	0	0	0	3	2	0
June	.....	SW.	....	....	....	1	3	1	4	3	13	11	12	12	21	3	6	5	3	1	0	0	0	0	2	3	0
July	.....	SW.	....	....	....	2	0	1	1	1	26	12	6	13	28	1	2	5	3	0	0	0	0	1	0	4	0
August	.....	W.	....	....	....	0	1	3	2	1	15	17	13	10	28	1	2	3	0	0	0	0	0	0	0	3	0
September	....	Calm SW.	....	....	....	2	3	4	1	5	12	9	11	13	29	0	1	1	1	0	0	0	0	0	2	0	0
October	.....	NW.	....	....	....	5	3	3	7	5	10	10	10	9	24	5	2	4	4	0	0	0	0	0	10	0	0
November	.....	NW.	....	....	....	11	6	3	3	2	4	3	14	14	28	2	0	2	1	1	0	0	0	0	23	0	0
December	.....	SW.	....	....	....	6	3	3	8	10	21	2	7	2	17	4	10	15	12	13	0	1	6	0	25	0	0
Year	.....	SW.	....	....	....	52	28	24	43	57	191	102	121	112	272	35	58	72	51	36	3	1	11	1	139	13	1

CHARLESTON, S. C.

[H = 52 ft.; h_t = 60 ft.; h_r = 55 ft.; h_a = 72 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.4	N.	29	SW.	0	17	10	6	0	6	16	5	2	0	8	15	8	10	6	0	0	3	0	0	1	0	0
February	10.0	NE.	34	NE.	0	5	13	3	3	6	12	7	7	0	4	16	8	12	10	0	0	5	0	0	2	0	0
March	7.9	SW.	27	W.	0	9	2	7	4	7	24	3	6	0	8	21	2	8	5	0	0	1	0	0	1	4	1
April	9.4	SW.	31	NE.	0	7	4	8	9	11	13	6	2	0	11	18	1	5	3	0	0	1	0	0	0	2	0
May	8.6	SW.	27	NW.	0	0	6	5	5	12	23	8	3	0	6	25	0	14	8	0	0	0	0	0	0	16	0
June	8.0	SW.	27	NE.	0	3	4	4	5	19	21	4	0	0	7	20	3	8	6	0	0	0	0	1	0	14	0
July	7.9	SW.	27	NE.	0	1	10	5	6	12	24	3	1	0	3	23	5	18	13	0	0	0	0	3	0	25	0
August	6.9	SW.	28	E.	0	4	9	10	3	6	20	7	3	0	1	26	4	21	16	0	1	0	0	8	0	20	0
September	8.9	NE.	49	NE.	2	1	18	12	7	5	9	2	6	0	4	21	5	9	8	0	0	1	0	3	0	7	0
October	8.7	NE.	48	SE.	1	10	17	6	4	4	8	5	8	0	18	10	3	6	5	0	0	2	0	0	0	2	0
November	6.7	SW.	29	NE.	0	12	8	3	3	4	14	6	10	0	15	10	5	7	6	0	0	5	0	0	0	2	0
December	6.9	NE.	37	W.	0	7	15	7	5	4	10	5	9	0	16	11	4	2	2	0	0	6	1	0	3	1	0
Year	8.2	SW.	49	NE.	3	76	116	76	54	96	194	61	57	0	101	216	48	120	88	0	1	24	1	15	7	93	1

CHARLOTTE, N. C.

[H = 773 ft.; h_t = 68 ft.; h_r = 60 ft.; h_a = 76 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.1	SW.	24	SW.	0	4	9	11	6	4	22	3	2	1	6	9	16	12	10	0	0	2	1	0	8	0	0
February	9.4	SW.	36	S.	0	3	7	10	3	7	20	1	3	2	6	10	12	12	11	2	0	2	1	0	10	0	0
March	8.1	SW.	32	NW.	0	0	8	6	5	15	19	4	4	1	14	13	4	8	4	0	0	2	0	0	4	1	1
April	8.1	SW.	30	SW.	0	5	6	10	1	10	20	1	7	0	19	7	4	8	5	0	1	0	0	0	0	5	0
May	5.9	SW.	34	SW.	0	2	5	5	6	15	19	3	2	5	15	13	3	10	8	0	1	0	0	1	0	9	0
June	5.9	SW.	33	NE.	0	1	5	6	7	7	26	5	1	2	16	10	4	11	10	0	0	0	0	13	0	11	0
July	5.0	SW.	27	SW.	0	0	8	7	4	10	26	0	1	6	16	10	5	12	10	0	0	0	0	7	0	6	0
August	4.4	SW.	36	NW.	0	1	5	8	10	9	18	3	0	8	17	8	6	13	10	0	0	0	0	8	0	7	0
September	6.1	NE.	36	NE.	0	1	14	12	6	4	11	2	4	6	15	8	7	13	11	0	0	0	0	4	0	5	0
October	6.2	SW.	30	NE.	0	5	10	11	9	7	15	2	2	1	22	6	3	8	7	0	0	1	0	0	0	1	0
November	6.9	SW.	26	NW.	0	0	11	3	4	5	24	2	8	3	21	5	4	4	3	0	0	3	0	0	7	1	0
December	6.8	SW.	32	SW.	0	4	13	6	3	1	24	3	3	5	14	7	10	10	8	2	0	2	3	0	6	2	0
Year	6.7	SW.	36	S. NW. NE.	0	26	101	95	64	94	244	29	37	40	181	106	78	121	97	4	2	12	5	33	35	48	1

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

CHATTANOOGA, TENN.

[λ = 35° 4′ N.; φ = 85° 15′ W.; gravity corr., — 0.03.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.40	29.66	29.06	40.1	47.6	54.3	36.9	45.6	70	15	36	39	84	72	.228	.253	4.63	.91	6.5	4.6	6.0
February	29.36	29.72	28.64	38.1	45.4	52.5	34.8	43.6	73	20	31	36	75	70	.191	.219	5.22	.96	7.4	6.0	6.9
March	29.35	29.80	29.13	47.8	60.1	66.6	44.5	55.6	83	19	40	41	75	52	.274	.282	4.61	2.62	5.2	3.2	4.9
April	29.28	29.63	a28.93	55.6	64.8	72.7	50.5	61.6	88	37	44	44	67	48	.309	.301	2.00	.71	3.8	4.5	4.8
May	29.22	29.57	28.88	62.4	69.2	76.9	58.5	67.7	89	40	55	56	78	65	.449	.468	1.53	.36	4.9	7.0	6.4
June	29.30	29.53	29.08	70.4	79.9	87.0	64.4	75.7	96	45	61	62	72	56	.548	.566	1.77	1.06	4.0	4.8	5.1
July	29.29	29.46	29.06	71.7	79.3	86.3	66.8	76.6	94	59	65	63	79	61	.616	.587	3.66	.75	5.8	6.0	5.7
August	29.27	29.38	29.11	72.2	78.6	86.5	68.8	77.6	98	63	66	67	82	70	.649	.673	2.96	1.31	5.6	6.0	6.2
September	29.30	29.61	29.06	67.4	75.2	83.2	64.4	73.8	89	53	62	64	82	70	.568	.614	1.67	1.12	4.5	4.3	5.3
October	29.26	29.55	28.95	53.5	64.7	73.7	49.7	61.7	85	38	45	45	75	50	.315	.315	2.18	1.72	3.6	2.8	3.4
November	29.42	29.76	29.18	41.0	50.0	57.3	38.0	47.6	72	19	32	34	73	56	.195	.215	.54	.37	4.0	2.7	4.4
December	29.40	29.76	28.76	39.6	45.7	52.5	36.6	44.6	68	5	34	36	80	68	.220	.231	6.45	1.76	6.1	4.4	6.0
Year	29.32	29.80	28.64	55.0	63.4	70.8	51.2	61.0	98	5	48	49	77	62	.380	.394	37.22	2.62	5.1	4.7	5.4

a Special observation.

CHEYENNE, WYO.

[λ = 41° 8′ N.; φ = 104° 48′ W.; gravity cor., — 0. 01.]

January	23.85	24.13	23.48	22.2	26.3	36.0	14.8	25.4	59	—17	11	12	60	52	.073	.073	.20	.15	2.9	2.3	3.3
February	23.90	24.28	23.46	14.9	22.3	31.8	9.0	20.4	50	—13	5	9	63	56	.054	.065	.72	.23	3.0	4.1	4.2
March	23.88	24.32	23.48	26.7	37.2	43.9	22.5	33.2	63	4	18	21	70	55	.100	.116	.93	.41	4.8	4.8	5.2
April	23.93	24.21	23.54	34.0	51.0	56.6	31.4	44.0	73	16	26	35	72	56	.143	.208	1.04	.74	3.9	5.2	5.1
May	24.00	24.32	23.51	45.7	60.6	66.4	41.7	54.0	82	27	36	44	70	57	.214	.298	1.24	.51	3.6	6.1	5.4
June	23.99	24.16	23.76	52.7	69.5	74.8	48.0	61.4	86	40	44	50	72	53	.284	.369	.64	.33	2.3	5.7	5.3
July	24.18	24.36	23.89	57.9	74.1	81.4	54.0	67.7	94	46	46	52	66	49	.316	.398	3.25	1.77	2.6	5.4	4.8
August	24.17	24.31	23.97	54.7	73.9	81.0	52.5	66.8	89	44	43	48	65	42	.283	.337	2.17	1.66	2.6	4.4	4.1
September	24.04	24.40	23.71	46.0	61.3	70.3	42.6	56.4	85	32	27	28	50	34	.150	.164	1.23	.52	3.4	4.8	4.2
October	23.99	24.28	23.64	41.2	51.2	62.1	36.4	49.2	73	21	20	17	44	27	.112	.094	.18	.16	2.4	3.5	3.5
November	24.07	24.30	23.59	35.6	41.9	53.3	28.6	41.0	68	— 3	18	12	50	33	.099	.078	.08	.06	4.6	2.7	4.2
December	24.00	24.43	23.54	23.8	26.4	37.6	17.5	27.6	58	—13	13	8	62	47	.080	.062	.70	.31	3.4	2.2	3.1
Year	24.00	24.43	23.46	38.0	49.6	57.9	33.2	45.6	94	—17	26	28	62	47	.159	.188	12.98	1.77	3.3	4.3	4.4

CHICAGO, ILL.

[λ = 41° 53′ N.; φ = 87° 37′ W.; gravity corr., — 0.01.]

January	29.17	29.67	28.59	25.2	30.3	33.8	21.2	27.5	60	— 9	22	23	88	73	.133	.130	1.55	.64	5.1	4.0	5.8
February	29.20	29.89	28.36	19.8	25.5	29.2	16.7	23.0	48	— 4	16	19	83	78	.092	.111	2.13	1.02	5.1	3.9	5.0
March	29.11	29.55	28.64	37.3	43.8	48.5	33.9	41.2	74	9	32	34	80	68	.189	.215	2.66	1.11	5.0	5.0	5.2
April	29.12	29.41	28.67	45.1	47.0	53.6	40.1	46.8	84	31	37	37	75	70	.234	.234	2.65	1.37	4.8	6.8	4.9
May	29.07	29.52	28.63	54.5	56.8	64.0	48.2	56.1	88	35	47	45	77	68	.337	.315	3.35	1.01	5.0	5.1	5.0
June	29.13	29.39	28.85	68.2	73.5	80.6	62.2	71.4	93	40	56	55	66	55	.467	.464	1.96	.63	4.0	5.4	4.2
July	29.16	29.34	28.94	70.8	76.0	81.1	65.6	73.4	96	54	56	54	62	50	.464	.432	.60	.53	2.9	4.4	1.9
August	29.17	29.39	28.94	67.6	73.1	77.2	64.4	70.8	95	48	56	57	67	61	.452	.477	.60	.25	4.3	3.8	4.6
September	29.17	29.57	28.86	62.0	68.4	73.0	59.4	66.2	90	44	53	55	74	65	.437	.468	8.28	3.35	5.1	3.3	4.0
October	29.06	29.40	28.72	48.6	54.0	58.6	45.6	52.1	76	32	40	43	74	68	.259	.289	.84	.34	5.5	4.4	5.9
November	29.17	29.77	28.63	32.4	36.6	40.5	28.2	34.4	60	10	26	27	76	68	.144	.149	1.18	.43	6.6	6.0	6.5
December	29.19	29.61	28.54	30.4	33.7	37.6	27.2	32.4	55	— 3	26	27	82	75	.148	.151	1.66	1.01	6.2	5.0	5.6
Year	29.14	29.89	28.36	46.8	51.5	56.5	42.7	49.6	96	— 9	39	40	75	67	.280	.287	27.46	3.35	5.0	4.8	4.9

CINCINNATI, OHIO.

[λ = 39° 6′ N.; φ = 84° 30′ W.; gravity corr., — 0.02.]

January	29.47	29.94	29.04	34.1	39.7	45.0	30.4	37.7	61	— 4	28	30	79	67	.175	.178	2.75	.79	5.4	4.4	5.7
February	29.47	30.10	28.82	28.5	35.8	39.7	26.1	32.9	66	9	22	24	75	64	.126	.142	3.78	1.14	6.5	4.6	5.6
March	29.42	29.84	29.08	42.6	52.0	57.2	39.9	48.6	82	16	35	36	78	55	.228	.238	2.36	.69	4.5	4.6	4.9
April	29.38	29.70	28.97	48.9	58.4	62.6	45.7	54.2	84	33	39	40	69	54	.248	.264	1.60	.65	5.3	5.7	5.0
May	29.30	29.74	28.95	58.5	65.9	71.7	54.4	63.0	87	35	48	50	70	60	.354	.381	2.33	.59	5.4	5.6	5.3
June	29.37	29.63	29.09	69.8	79.0	85.1	64.5	74.8	94	46	60	59	71	53	.538	.524	4.17	1.03	3.3	5.3	4.3
July	29.38	29.56	29.18	71.7	82.3	87.3	67.3	77.3	95	55	59	58	65	46	.505	.501	.13	.05	4.0	4.6	4.0
August	29.37	29.56	29.13	69.4	80.0	87.1	66.3	76.7	90	56	59	59	71	51	.517	.517	1.98	1.38	2.1	2.9	3.3
September	29.41	29.78	29.22	65.1	73.4	80.4	62.7	71.6	91	44	58	58	77	59	.501	.494	2.46	1.32	3.9	2.8	4.2
October	29.34	29.68	29.06	50.3	60.1	66.6	48.1	57.4	84	34	43	41	77	52	.283	.271	.82	.30	3.4	2.6	4.0
November	29.47	29.99	29.07	36.5	43.6	48.6	34.2	41.4	70	20	29	31	75	62	.164	.182	.98	.28	3.9	5.0	5.6
December	29.48	29.84	28.92	33.8	39.2	43.4	31.6	37.5	65	0	28	30	78	69	.164	.177	3.23	.97	6.6	4.8	6.0
Year	29.40	30.10	28.82	50.8	59.1	64.6	47.6	56.1	96	— 4	42	43	74	58	.317	.322	26.59	1.38	4.5	4.4	4.8

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

CHATTANOOGA, TENN.

[H = 762 ft.; h_t = 106 ft.; h_r = 97 ft.; h_a = 112 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurorss.
	Miles.		*Mi.*																								
January	6.7	SE.	40	SE.	1	8	7	4	15	11	5	8	4	0	6	16	9	15	12	0	0	4	0	0	11	2	0
February	8.7	NW.	41	SW.	1	4	7	6	6	10	7	4	11	1	3	10	15	17	15	4	0	1	1	0	11	2	0
March	7.9	S.	44	W.	2	2	10	1	11	12	8	5	11	2	11	14	6	10	9	0	1	2	0	0	4	7	1
April	7.8	SW.	41	W.	1	6	8	2	8	9	15	5	7	0	9	16	5	12	8	0	0	0	0	0	0	4	0
May	6.7	SW.	34	S.	0	3	9	4	5	7	14	11	8	1	2	18	11	14	9	0	0	2	0	0	0	15	0
June	6.0	SW.	30	W.	0	7	8	3	3	12	12	11	4	0	7	19	4	6	5	0	0	1	0	9	0	10	0
July	5.0	SW.	36	NW.	0	6	12	4	8	6	12	8	6	0	6	16	9	18	14	0	0	0	0	8	0	12	0
August	5.7	W.	38	NW.	0	3	14	2	10	8	8	14	3	0	6	13	12	13	8	0	0	3	0	9	0	15	0
September	5.4	S.	27	NW.	0	6	7	2	6	17	6	12	4	0	8	16	6	6	4	0	0	5	0	0	0	3	0
October	6.1	W.	33	NW.	0	4	7	6	3	11	4	19	8	0	18	10	3	7	6	0	0	1	0	0	0	1	0
November	7.3	S.	28	NW.	0	1	4	7	6	13	7	12	10	0	14	9	7	5	2	0	0	3	0	0	6	1	0
December	6.7	S.	35	W.	0	8	6	4	7	12	6	6	9	4	8	13	10	14	10	4	0	6	3	0	11	2	0
Year	6.7	S.	44	W.	5	58	99	45	88	128	104	115	85	8	98	170	97	137	102	8	1	28	4	26	43	74	1

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

CHEYENNE, WYO.

[H = 6,105 ft.; h_t = 58 ft.; h_r = 50 ft.; h_a = 60 ft.]

January	14.5	NW.	44	W.	4	6	0	0	0	3	8	19	22	4	17	13	1	3	1	3	0	0	9	0	28	0	0
February	12.3	W.	50	NW.	2	7	3	0	0	2	3	26	15	0	10	14	4	6	6	6	0	0	13	0	28	0	0
March	15.3	W.	48	W.	6	13	0	0	1	8	8	18	14	0	7	17	7	7	5	7	0	0	7	0	24	0	0
April	14.5	NW.	50	NW.	6	10	1	0	1	9	2	14	23	0	11	13	6	7	6	4	0	1	1	0	14	0	0
May	13.0	S.	50	W.	4	3	5	3	2	15	9	13	12	0	5	22	4	8	5	2	0	1	0	0	1	0	0
June	11.9	NW.	48	NW.	2	3	5	1	3	19	3	6	20	0	6	19	5	6	6	0	0	4	0	0	0	3	0
July	8.5	NW.	38	SW.	0	5	4	0	10	12	9	5	16	1	7	22	2	9	8	0	0	1	0	3	0	3	0
August	8.4	NW.	36	S.	0	5	5	2	7	8	5	4	25	1	13	15	3	6	6	0	0	0	0	0	0	1	0
September	10.7	NW.	38	SE.	0	8	4	1	2	7	4	12	21	1	10	15	5	7	5	0	0	0	0	0	1	0	0
October	13.2	NW.	54	W.	3	5	2	2	1	5	7	17	23	0	17	11	3	3	1	1	0	0	0	0	6	0	0
November	13.7	NW.	56	W.	4	5	3	1	2	3	6	19	21	0	11	17	2	4	1	3	0	1	1	0	18	0	0
December	11.0	NW.	72	W.	4	10	1	0	0	4	8	13	26	0	16	13	2	8	5	8	0	0	11	0	30	0	0
Year	12.2	NW.	72	W.	35	80	33	10	29	95	72	166	238	7	130	191	44	74	55	34	0	8	42	3	150	7	0

CHICAGO, ILL.

[H = 824 ft.; h_t = 241 ft.; h_r = 238 ft.; h_a = 274 ft.]

January	19.0	SW.	51	S.	6	5	5	0	8	13	15	8	8	0	10	9	12	8	6	3	0	5	11	0	23	0	0
February	20.9	SW.	84	NE.	6	6	4	2	4	4	18	5	13	0	11	6	11	8	5	5	0	1	17	0	24	0	1
March	22.2	SW.	61	NW.	13	1	5	1	9	11	14	8	13	0	11	13	7	10	9	2	0	2	5	0	10	2	0
April	13.5	NE.	52	SW.	6	4	16	3	17	5	9	2	4	0	13	9	8	12	8	0	3	2	0	0	2	4	0
May	18.1	NE.	62	E.	11	5	16	3	13	5	11	4	4	1	12	11	8	13	9	0	3	3	0	0	0	6	0
June	14.8	SW.	50	SW.	4	2	7	2	12	11	11	10	5	0	14	13	3	9	6	0	0	1	0	4	0	6	0
July	14.8	NE.	50	SW.	2	0	16	6	8	7	11	7	7	0	25	4	2	2	2	0	0	0	0	5	0	2	0
August	14.2	NE.	43	SE.	1	3	15	4	11	8	11	7	2	1	9	18	4	5	4	0	0	3	0	3	0	4	0
September	16.2	S.	48	S.	1	4	4	0	11	16	15	5	5	0	15	10	5	11	10	0	0	1	0	0	0	8	0
October	16.5	S.	48	SW.	1	4	6	0	14	14	8	6	10	0	8	10	13	11	7	0	0	2	0	0	1	2	0
November	17.2	NW.	60	SW.	5	2	5	2	8	7	9	8	19	0	7	8	15	9	8	5	0	1	6	0	22	0	0
December	19.0	SW.	60	SW.	5	2	8	1	2	7	18	13	11	0	9	10	12	9	5	2	0	3	9	0	22	0	0
Year	17.2	SW.	84	NE.	61	38	107	24	117	108	150	83	101	2	144	121	100	107	79	17	6	24	48	12	104	34	1

CINCINNATI, OHIO.

[H = 628 ft.; h_t = 153 ft.; h_r = 145 ft.; h_a = 157 ft.]

January	7.7	SE.	34	W.	0	2	6	4	19	8	6	6	10	1	12	10	9	9	7	2	0	0	3	0	15	0	0
February	9.5	NW.	36	SW.	0	3	7	2	11	6	9	3	15	0	11	6	11	13	12	5	0	1	8	0	21	0	1
March	8.3	SE.	36	SW.	0	0	4	4	17	7	12	6	12	0	10	13	8	8	6	1	1	1	2	0	6	2	0
April	7.8	SW.	33	W.	0	4	12	5	7	7	9	5	9	2	15	5	10	11	9	0	0	0	0	0	0	1	0
May	7.3	NW.	37	SW.	0	4	6	2	12	8	9	9	12	0	10	11	10	17	11	0	0	0	0	0	0	5	0
June	5.6	SE.	36	SW.	0	2	4	7	16	3	15	3	8	2	13	13	4	12	10	0	0	0	0	8	0	13	0
July	6.4	NW.	25	NW.	0	6	7	4	10	4	12	8	10	1	16	12	3	6	1	0	0	0	0	11	0	1	0
August	5.4	NE.	30	NW.	0	7	11	15	9	4	6	5	5	0	18	12	1	8	6	0	0	0	0	10	0	10	0
September	6.4	SE.	35	NW.	0	4	10	11	13	5	7	2	8	0	14	10	6	8	8	0	0	1	0	5	0	2	0
October	7.3	SE.	31	W.	0	5	2	9	17	5	6	11	6	1	17	7	7	7	5	0	0	7	0	0	0	1	0
November	8.9	NW.	36	W.	0	0	2	3	18	7	7	10	13	0	11	6	13	13	8	4	0	1	1	0	13	0	0
December	8.2	SE.	33	S.	0	8	4	2	13	6	11	7	11	0	8	12	11	12	12	3	0	0	6	0	13	1	0
Year	7.4	SE.	37	SW.	0	45	75	68	162	70	109	75	119	7	155	117	93	124	95	15	1	11	20	34	68	36	1

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

CLEVELAND, OHIO.

[λ = 41° 30′ N.; φ = 81° 42′ W.; gravity corr., — 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.30	29.81	28.84	30.7	32.4	38.4	26.6	32.5	54	5	25	25	79	72	.144	.139	2.21	1.16	7.1	5.8	6.5
February	29.30	30.01	28.58	22.7	28.3	32.0	20.4	26.2	59	1	18	22	81	76	.103	.121	1.87	.74	6.4	6.7	6.8
March	29.25	29.61	28.88	38.3	44.0	50.4	34.2	42.3	74	14	31	33	74	68	.181	.201	1.86	.72	6.3	3.5	5.5
April	29.25	29.59	28.77	44.2	49.6	54.6	39.9	47.2	80	25	36	37	75	63	.225	.222	1.55	.41	4.8	5.7	5.3
May	29.15	29.62	28.76	56.0	58.9	66.3	49.7	58.0	84	39	48	48	77	71	.350	.352	4.83	1.22	5.7	6.2	6.0
June	29.23	29.48	28.86	66.5	73.1	78.5	59.7	69.1	90	38	57	57	72	59	.485	.484	2.31	.56	3.0	3.9	4.2
July	29.24	29.43	29.05	71.0	76.5	81.8	64.5	73.2	92	48	58	56	64	53	.486	.471	2.19	1.11	3.3	4.4	4.2
August	29.25	29.47	29.02	65.6	71.9	76.3	60.8	68.6	92	49	56	56	72	58	.455	.449	1.05	.65	4.7	4.0	4.6
September	29.29	29.64	29.00	63.2	68.0	75.0	58.9	67.0	92	40	55	56	76	66	.456	.466	3.30	.84	5.2	3.0	4.3
October	29.17	29.50	28.83	49.8	55.0	61.5	46.3	53.9	80	33	43	44	80	69	.289	.303	3.19	1.34	5.0	4.5	5.6
November	29.27	29.88	28.86	35.0	38.4	43.6	31.4	37.5	66	20	28	28	74	68	.152	.158	1.28	.25	6.6	7.0	7.3
December	29.30	29.68	28.88	32.5	34.3	39.2	29.1	34.2	58	0	27	27	79	74	.154	.154	2.09	.86	8.4	5.7	6.9
Year	29.25	30.01	28.58	48.0	52.5	58.1	43.5	50.8	92	0	40	41	75	66	.290	.294	27.73	1.34	5.5	5.0	5.6

COLORADO SPRINGS, COLO.

[λ = 38° 50′ N.; φ = 104° 49′ W.; gravity corr., —0.01.]

January	23.89	24.20	23.49	21.0	32.7	42.0	14.6	28.3	65	—10	5	8	52	37	.055	.061	.03	.02	2.1	3.0	3.4
February	23.93	24.32	23.46	15.3	26.2	35.8	10.0	22.9	53	— 6	3	8	60	50	.046	.062	.65	.48	3.9	4.0	4.6
March	23.91	24.32	23.49	28.8	43.6	49.6	24.9	37.2	70	6	11	16	53	37	.077	.090	.36	.18	4.6	4.5	5.0
April	23.95	24.24	23.58	36.7	55.0	59.7	32.0	45.8	75	17	21	16	56	26	.117	.094	.25	.10	3.1	4.8	3.9
May	24.02	24.32	23.58	47.7	62.5	68.1	43.2	55.6	80	29	30	29	56	38	.179	.181	7.34	3.00	5.0	6.7	5.9
June	24.02	24.23	23.78	53.5	69.8	75.0	48.5	61.8	90	42	38	31	60	32	.240	.193	3.95	2.14	1.9	5.2	3.9
July	24.19	24.36	23.97	59.3	71.7	78.4	55.2	66.8	88	48	46	46	64	44	.317	.318	2.95	.90	3.2	8.3	5.3
August	24.18	24.32	24.00	55.3	71.0	78.1	52.4	65.2	85	43	45	48	69	47	.301	.339	1.38	.53	3.0	6.0	4.6
September	24.06	24.46	23.68	46.7	65.0	72.0	43.6	57.8	82	28	32	32	60	32	.190	.192	.87	.69	2.2	3.9	3.1
October (a)																					
November																					
December																					
Year																					

a Station closed September 30.

COLUMBIA, MO.

[λ = 38° 58′ N.; φ = 92° 14′ W.; gravity corr., — 0.02.]

January	(a)	29.75	28.75	(a)	32.5	44.2	20.8	32.5	74	—16	(a)	26	(a)	78	(a)	.161	2.46	1.64	(a)	3.7	3.8
February		29.83	28.51		29.4	39.5	19.8	29.6	60	0		23		76		.131	1.35	.62		4.0	4.8
March		29.67	28.79		50.6	62.6	37.3	50.0	84	11		38		62		.255	1.84	1.30		5.6	5.3
April		29.50	28.84		58.6	69.2	45.0	57.1	90	30		45		63		.319	2.02	.88		5.0	5.8
May		29.41	28.73		65.8	76.7	52.2	64.4	89	36		55		70		.457	4.33	1.87		4.9	5.7
June		29.31	28.91		77.5	89.9	61.5	75.7	97	43		66		68		.650	3.04	1.05		4.5	3.8
July		29.31	29.07		79.3	92.1	62.2	77.2	105	50		64		61		.599	1.20	.74		4.1	4.4
August		29.32	29.05		79.6	94.5	62.9	78.7	105	44		62		56		.562	1.29	.63		3.5	3.5
September		29.54	28.90		68.1	82.2	57.4	69.8	96	42		60		77		.548	7.57	3.93		3.4	4.4
October		29.41	28.76		57.0	71.9	45.9	58.9	89	28		44		63		.298	.98	.23		2.5	3.8
November		29.66	28.75		41.1	54.4	29.2	41.8	78	10		29		64		.169	1.60	.84		3.8	5.3
December		29.81	28.77		36.9	47.3	28.1	37.7	71	1		27		68		.159	1.20	.46		3.9	5.6
Year		29.83	28.51		56.4	68.7	43.5	56.1	105	—16		45		67		.359	28.88	3.93		4.1	4.7

a But one observation daily.

COLUMBIA, S. C.

[λ = 34° N.; φ = 81° 3′ W.; gravity corr., —.]

January						57.9	40.5	49.2	74	27							1.73	.51			
February						60.5	41.0	50.8	75	22							5.33	1.82			
March						71.5	49.2	60.4	90	24							2.09	.93			
April						75.0	52.1	63.6	93	38							1.37	.94			
May						84.3	60.3	72.3	95	40							1.69	.60			
June						90.3	66.4	78.4	100	51							2.89	1.08			
July						88.2	69.5	78.8	97	59							5.01	1.41			
August						89.5	69.3	79.4	100	61							5.95	2.05			
September						84.4	66.3	75.4	96	53							5.18	2.07			
October						74.2	53.9	64.0	88	36							4.40	3.19			
November						63.2	42.6	52.9	77	27							1.73	.74			
December						58.2	39.5	48.8	75	9							2.29	.76			
Year						74.8	54.2	64.5	100	9							39.66	3.19			

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

CLEVELAND, OHIO.

[H = 740 ft.; h_t = 122 ft.; h_r = 109 ft.; h_a = 130 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Percipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	14.6	SE.	54	W.	6	2	4	5	24	5	12	6	4	0	7	9	15	10	9	4	0	2	6	0	21	0	0
February	15.3	SE.	44	SE.	2	4	4	4	18	3	8	5	10	0	5	9	14	14	10	9	0	1	16	0	23	1	1
March	15.0	SE.	48	SW.	5	2	6	2	22	3	12	7	7	1	12	9	10	11	8	5	0	0	3	0	11	2	2
April	10.9	SE.	46	SW.	2	10	9	3	16	2	5	6	9	0	12	9	9	11	7	1	1	0	0	0	3	2	1
May	11.4	SE.	41	SW.	2	8	2	4	13	13	8	8	6	0	6	14	11	21	15	0	2	0	0	0	0	7	0
June	9.4	SE.	49	NW.	2	5	3	4	15	7	9	9	8	0	16	7	7	8	7	0	1	0	0	1	0	9	0
July	10.2	SE.	40	W.	1	7	3	7	14	11	9	4	7	0	15	12	4	8	7	0	0	0	0	6	0	6	0
August	9.1	SE.	36	S.	0	4	14	3	14	7	3	6	11	0	15	8	8	3	2	0	0	0	0	1	0	4	0
September	12.6	SE.	46	W.	2	3	11	7	22	5	1	4	6	1	13	12	5	12	10	0	0	0	0	1	0	7	0
October	13.0	SE.	62	W.	4	2	4	4	24	4	13	7	4	0	13	7	11	15	11	0	1	2	0	0	0	1	0
November	18.0	SE.	52	W.	8	0	3	0	18	10	8	10	11	0	4	11	15	15	12	8	1	1	3	0	17	0	0
December	15.5	SE.	45	W.	3	1	5	1	20	4	13	10	8	0	7	4	20	13	8	4	0	1	7	0	15	0	0
Year	12.9	SE.	62	W.	37	48	68	44	220	74	101	82	91	2	125	111	129	141	106	31	6	7	35	9	90	39	4

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

COLORADO SPRINGS, COLO.

[H = 6,098 ft.; h_t = 49 ft.; h_r = 42 ft.; h_a = 56 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	11.2	N.	73	NW.	6	28	6	1	6	6	2	2	11	0	15	15	1	2	0	2	0	1	6	0	28	0	0
February	9.5	N.	64	W.	4	24	5	2	7	10	3	2	3	0	9	13	6	4	2	4	0	0	10	0	28	0	0
March	12.2	N.	66	NW.	7	26	2	5	6	10	3	3	7	0	8	16	7	5	3	5	0	1	4	0	23	0	0
April	12.2	N.	52	N.	7	30	2	2	6	6	6	3	5	0	14	10	6	4	3	2	1	1	0	0	14	1	0
May	10.6	N.	48	SW.	4	25	3	3	10	6	1	5	9	0	8	13	10	12	9	0	2	0	0	0	1	4	0
June	10.3	N.	49	SW.	2	24	3	2	8	12	4	5	2	0	13	12	5	9	6	0	2	1	0	0	0	5	0
July	7.8	N.	40	NW.	1	37	1	1	7	6	1	7	2	0	8	18	5	12	10	0	0	0	0	0	0	7	0
August	7.0	N.	35	NW.	0	34	0	1	5	12	2	1	7	0	11	16	4	10	8	0	0	1	0	0	0	5	0
September	8.9	N.	35	SW.	0	27	2	5	2	12	4	4	4	0	20	7	3	3	2	0	0	0	0	0	2	2	0
October *a*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Station closed September 30.

COLUMBIA, MO.

[H = 789 ft.; h_t = 4 ft.; h_r = 2 ft.; h_a = 41 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.4	NW.	30	SW.	0	1	1	0	8	2	7	1	9	2	16	7	8	8	6	4	0	1	4	0	26	0	0
February	8.3	NW.	32	W.	0	2	5	1	2	2	5	2	8	1	9	11	8	7	6	4	0	0	10	0	24	0	0
March	10.1	SE.	34	SW.	0	0	1	2	11	3	4	2	8	0	13	5	13	7	6	0	0	0	1	0	11	2	0
April	9.2	SE.	30	NW.	0	0	2	6	6	4	1	5	4	2	10	7	13	11	7	0	0	0	0	0	1	8	0
May	6.1	SE.	26	S.	0	7	3	0	7	4	3	3	4	0	7	13	11	11	8	0	1	0	0	0	0	8	0
June	5.7	S.	25	N.	0	1	1	2	8	8	3	1	6	0	15	12	3	10	8	0	0	0	0	16	0	13	0
July	4.7	S.	21	SW.	0	2	2	5	3	7	5	3	4	0	14	11	6	5	3	0	0	1	0	20	0	7	0
August	4.4	SE.	36	S.	0	1	5	3	9	3	4	4	2	0	18	8	5	6	5	0	1	0	0	23	0	7	0
September	6.2	SE.	22	S.	0	1	3	3	16	1	2	1	3	0	11	12	7	14	13	0	0	0	0	5	0	8	0
October	7.4	SE.	26	SE.	0	1	0	0	10	4	1	6	9	0	16	8	7	12	6	0	0	0	0	0	2	5	0
November	8.5	NW.	32	SW.	0	0	1	1	9	1	3	4	11	0	13	4	13	6	4	0	0	0	0	0	19	1	0
December	8.1	W.	31	S.	0	4	2	1	3	4	5	7	5	0	10	8	13	7	5	0	0	2	3	0	19	0	0
Year	7.2	SE.	36	S.	0	20	26	24	92	43	43	39	73	5	152	106	107	104	77	8	2	4	18	64	102	59	0

COLUMBIA, S. C.

[H = — ft.; h_t = 73 ft.; h_r = 63 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	NE.	....	.....	....	5	7	4	1	3	2	6	3	0	8	9	14	9	8	0	0	1	0	0	6	0	0
February	.....	SW.	....	.....	....	4	2	1	3	3	6	5	4	0	7	11	10	11	11	2	0	1	0	0	8	0	0
March	.....	SW.	....	.....	....	5	1	0	0	6	8	5	6	0	15	12	4	8	7	0	0	1	0	0	3	4	1
April	.....	W.	....	.....	....	2	1	1	6	5	1	8	6	0	13	12	5	6	4	0	0	0	0	1	0	4	0
May	.....	W.	....	.....	....	1	4	1	4	4	5	8	4	0	8	19	4	10	8	0	0	0	0	6	0	6	0
June	.....	S.	....	.....	....	2	2	2	5	10	2	5	2	0	13	15	2	10	7	0	1	0	0	19	0	10	0
July	.....	SE.	....	.....	....	1	3	2	11	7	5	0	2	0	10	10	11	18	14	0	0	1	0	12	0	9	0
August	.....	SW.	....	.....	....	1	6	4	5	2	7	2	4	0	10	16	5	13	10	0	1	0	0	14	0	9	1
September	.....	NW.	....	.....	....	1	7	1	3	2	6	1	9	0	12	9	9	8	6	0	0	0	0	6	0	1	0
October	.....	NE.	....	.....	....	3	10	1	1	2	4	3	7	0	20	6	5	5	5	0	0	0	0	0	0	1	0
November	.....	NW.	....	.....	....	2	2	2	4	5	5	4	6	0	16	7	7	5	5	0	0	4	0	0	5	2	0
December	.....	NW.	....	.....	....	2	2	3	1	6	4	2	11	0	12	8	11	10	7	3	0	1	1	0	6	1	0
Year	.....	NW.	....	.....	....	29	47	22	44	55	55	49	64	0	144	134	87	113	92	5	2	9	1	58	28	47	2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

COLUMBUS, OHIO.

[λ = 39° 58′ N.; φ = 83° W.; gravity corr., — 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew Point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.24	29.71	28.83	31.0	35.9	41.9	27.5	34.7	58	— 4	27	29	85	75	.159	.167	2.42	.96	6.5	4.8	6.2
February	29.24	29.87	28.39	25.1	32.1	36.1	22.7	29.4	64	6	22	24	85	73	.121	.134	3.11	.71	5.8	5.4	6.4
March	29.21	29.58	28.86	40.1	48.9	54.8	37.5	46.2	78	15	33	37	76	64	.200	.240	1.79	.39	5.0	4.2	5.5
April	29.17	29.46	28.71	46.9	54.5	60.7	42.3	51.5	83	29	40	40	77	61	.255	.259	1.79	.47	5.8	5.0	5.8
May	29.09	29.52	28.69	56.6	62.3	70.2	51.0	60.6	87	36	49	51	78	69	.361	.380	2.78	.54	6.0	5.5	6.0
June	29.17	29.41	28.84	67.7	77.0	84.5	60.3	72.4	94	41	58	57	72	52	.507	.476	1.12	.50	3.7	4.8	4.4
July	29.18	29.35	28.96	70.7	79.9	86.9	64.4	75.6	97	55	59	56	66	47	.502	.469	1.74	1.42	3.2	4.1	4.2
August	29.18	29.39	28.96	66.2	75.2	83.5	61.0	72.2	96	50	57	57	73	56	.474	.472	2.64	1.04	4.1	3.5	4.5
September	29.22	29.57	28.99	63.2	70.9	79.2	59.0	69.1	92	41	55	56	77	62	.460	.476	5.31	1.82	4.4	3.3	4.0
October	29.13	29.47	28.86	49.0	57.0	64.1	45.5	54.8	82	30	42	41	78	58	.275	.265	1.93	.77	4.0	4.1	5.0
November	29.25	29.79	28.81	34.6	39.9	46.1	31.8	39.0	69	18	28	30	77	67	.159	.170	1.91	.52	5.9	4.9	5.3
December	29.27	29.62	28.76	32.0	35.5	40.7	28.6	34.6	60	— 2	26	28	78	74	.154	.166	2.95	.78	7.7	3.8	6.7
Year	29.20	29.87	28.39	48.6	55.8	62.4	44.3	53.3	97	— 4	41	42	77	63	.302	.306	29.49	1.82	5.2	4.4	5.3

CONCORDIA, KANS.

[λ = 39° 35′ N.; φ = 97° 41′ W.; gravity corr., — 0.01.]

January	28.58	29.14	28.16	18.4	28.5	38.3	15.9	27.1	72	—17	15	18	84	65	.095	.105	.18	.10	4.0	1.3	3.2
February	28.64	29.22	28.00	14.6	27.0	36.2	13.4	24.8	63	— 4	11	17	86	65	.078	.098	1.36	.90	3.9	2.6	3.6
March	28.49	29.13	27.99	34.9	50.5	58.6	32.9	45.8	86	7	27	30	74	46	.164	.177	.28	.20	3.3	3.0	4.0
April	28.44	28.93	28.08	47.2	62.9	70.6	44.0	57.3	88	28	40	42	77	50	.269	.293	2.91	.94	3.5	3.4	4.0
May	28.49	28.86	28.04	56.7	70.6	76.5	51.5	64.0	89	34	49	48	75	46	.357	.340	3.74	2.10	2.8	2.6	3.3
June	28.48	28.76	28.13	66.5	79.2	85.2	61.2	73.2	97	44	59	60	79	54	513	.526	12.49	3.14	3.1	2.3	3.2
July	28.58	28.76	28.27	69.0	83.5	90.2	64.0	77.1	104	55	59	58	71	44	.499	.486	1.14	1.06	2.1	1.4	2.5
August	28.57	28.78	28.35	67.7	86.1	92.8	64.0	78.4	102	49	56	56	67	37	.455	.452	.44	.44	1.3	1.6	2.4
September	28.50	28.97	28.10	59.3	71.5	80.0	56.8	68.4	94	35	53	55	81	58	.425	.459	2.99	1.49	3.3	2.4	3.7
October	28.46	28.86	27.98	46.7	61.0	72.0	43.9	58.0	86	28	39	42	74	51	.242	.277	1.10	.35	2.0	1.6	2.7
November	28.65	29.05	27.96	30.9	43.7	54.4	28.5	41.4	79	10	22	24	68	47	.120	.132	.02	.01	2.2	1.9	3.0
December	28.64	29.32	27.90	26.7	36.5	45.6	25.2	35.4	70	— 4	21	22	78	55	.125	.123	.62	.50	2.5	1.5	3.0
Year	28.54	29.32	27.90	44.9	58.4	66.7	41.8	54.2	104	—17	38	39	76	52	.278	.289	27.27	3.14	2.8	2.1	3.2

CORPUS CHRISTI, TEX.

[λ = 27° 49′ N.; φ = 97° 25′ W.; gravity corr., — 0.04.]

January	30.09	30.46	29.70	54.6	61.0	65.0	52.7	58.8	80	24	51	57	88	86	.417	.503	1.59	.54	5.8	3.5	6.1
February	30.12	30.54	29.63	51.0	56.9	62.5	47.8	55.2	83	29	47	49	87	76	.363	.372	1.59	.62	5.9	5.6	6.8
March	30.02	30.54	29.60	61.4	65.7	69.6	59.4	64.5	80	38	57	60	86	81	.505	.539	.66	.42	6.7	6.2	7.3
April	29.94	30.22	29.71	71.2	73.2	76.7	69.4	73.0	83	58	69	70	92	91	.717	.746	5.10	4.06	6.7	5.5	7.2
May	29.93	30.16	29.76	74.5	77.8	80.5	71.9	76.2	88	63	70	70	85	78	.735	.738	1.63	.89	3.4	3.6	5.8
June	29.98	30.10	29.84	78.2	80.7	83.7	75.1	79.4	87	64	73	74	85	80	.819	.837	1.23	.79	2.7	3.0	5.8
July	30.00	30.09	29.85	78.1	82.3	86.7	75.2	81.0	98	70	74	74	87	76	.834	.834	4.87	1.26	3.4	4.5	5.5
August	29.99	30.11	29.84	77.7	81.6	85.4	75.7	80.6	90	70	76	76	93	84	.887	.902	7.65	5.13	4.2	4.4	6.8
September	29.96	30.13	29.76	76.3	81.3	84.8	74.4	79.6	90	67	74	75	92	80	.839	.863	3.00	1.57	3.5	3.3	5.6
October	30.00	30.24	29.77	70.2	77.0	81.3	68.4	74.8	90	42	66	69	86	76	.660	.715	.14	.10	2.0	1.2	3.8
November	30.17	30.39	29.73	59.4	68.1	71.9	58.3	65.1	82	42	54	60	82	76	.442	.537	.01	.01	2.1	1.4	3.6
December	30.17	30.85	29.57	56.3	63.2	67.9	55.0	61.4	81	26	54	61	92	91	.452	.462	.64	.64	3.3	2.5	5.2
Year	30.03	30.85	29.57	67.4	72.4	76.3	65.3	70.8	98	24	64	66	88	81	.639	.679	28.11	5.13	4.1	3.7	5.8

DAVENPORT, IOWA.

[λ = 41° 30′ N.; φ = 90° 38′ W.; gravity corr., —0.01.]

January	29.42	29.98	28.78	20.4	26.4	30.9	17.4	24.2	62	—21	16	19	81	73	.106	.123	1.33	.79	5.9	3.2	5.3
February	29.46	30.14	28.65	16.8	25.1	29.9	14.3	22.1	50	— 6	13	19	83	75	.084	.111	1.48	.70	4.8	3.0	4.3
March	29.33	29.87	28.86	37.1	46.3	52.0	34.8	43.4	78	6	31	34	80	64	.195	.223	1.88	.72	5.6	4.2	5.3
April	29.31	29.63	28.95	47.1	56.7	62.3	43.8	53.0	87	30	39	42	76	60	.257	.291	1.37	.72	6.8	7.1	6.7
May	29.30	29.73	28.78	57.0	65.0	71.0	51.9	61.4	87	36	49	49	75	57	.363	.362	1.93	.97	5.9	5.6	5.8
June	29.33	29.57	29.06	68.7	79.8	86.3	63.6	75.0	95	44	58	59	70	51	.508	.516	2.16	1.15	4.5	4.9	4.1
July	29.37	29.56	29.16	70.3	83.3	89.3	64.5	76.9	100	54	56	54	62	39	.405	.435	.44	.44	3.8	3.5	4.1
August	29.37	29.57	29.16	65.9	79.1	86.8	62.8	74.6	98	49	56	57	72	49	.462	.484	2.02	.90	4.3	3.3	4.8
September	29.36	29.77	29.06	59.8	68.1	76.6	57.6	67.1	93	42	53	56	79	67	.433	.479	3.02	1.24	4.8	4.0	4.5
October	29.26	29.65	28.88	47.5	55.0	62.2	44.8	53.5	80	34	41	41	79	61	.267	.272	1.02	.38	5.2	3.9	5.8
November	29.42	30.00	28.77	29.7	35.8	40.9	27.0	34.0	66	7	23	24	74	62	.128	.135	1.26	1.10	6.5	5.1	7.0
December	29.44	29.91	28.88	28.4	33.4	38.7	26.3	32.5	56	— 2	23	25	78	70	.130	.144	.61	.31	5.4	4.1	5.6
Year	29.36	30.14	28.65	45.7	54.5	60.5	42.4	51.5	100	—21	38	40	76	61	.283	.298	18.52	1.24	5.3	4.3	5.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

COLUMBUS, OHIO.

[H = 824 ft.; h_t = 87 ft.; h_r = 81 ft.; h_a = 93 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	10.4	S.	42	NW.	2	4	6	3	11	14	10	2	11	1	7	14	10	8	8	2	0	0	5	0	20	0	0
February	11.8	NW.	48	W.	3	3	6	4	4	11	7	3	18	0	7	9	12	16	11	9	0	0	12	0	21	0	1
March	11.7	NW.	51	NW.	2	5	3	0	11	9	13	9	12	0	12	5	14	10	7	2	1	0	3	0	8	3	1
April	10.4	NW.	52	W.	2	11	10	6	10	4	4	9	5	1	10	9	11	12	9	1	0	0	0	0	3	4	0
May	9.0	SW.	36	W.	0	6	5	4	6	9	12	11	7	2	6	17	8	20	12	0	0	0	0	0	0	5	0
June	7.3	W.	48	W.	1	4	7	4	10	10	11	9	4	1	14	9	7	9	5	0	0	0	0	9	0	13	0
July	7.8	SW.	38	NW.	0	3	11	5	3	14	9	7	8	2	13	14	4	6	5	0	0	0	0	10	0	4	0
August	6.0	NE.	25	NW.	0	9	14	7	6	7	8	2	6	3	11	15	5	7	5	0	0	0	0	3	0	8	0
September	7.6	E.	26	NW.	0	7	7	9	7	11	8	1	10	0	12	13	5	8	6	0	0	1	0	4	0	3	0
October	7.7	SW.	29	SW.	0	9	4	3	10	8	14	5	9	0	12	9	10	9	6	0	0	2	0	0	1	1	0
November	8.0	S.	28	E.	0	3	1	7	6	11	10	12	10	0	10	10	10	15	8	4	0	0	1	0	16	1	0
December	7.2	S.	30	E.	0	4	6	3	8	16	12	6	7	0	6	10	15	12	11	2	0	1	6	0	19	1	0
Year	8.7	SW.	52	W.	10	68	80	55	92	124	118	76	107	10	120	134	111	132	93	20	1	4	27	26	88	43	2

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

CONCORDIA, KANS.

[H = 1,410 ft.; h_t = 42 ft.; h_r = 34 ft.; h_a = 47 ft.]

January	7.2	N.	28	N.	0	13	5	1	7	11	11	6	7	1	20	8	3	4	2	4	0	2	10	0	29	0	0
February	7.8	N.	35	SW.	0	19	5	2	0	8	10	7	4	1	17	7	4	6	3	5	0	0	12	0	28	0	2
March	11.2	S.	48	S.	1	16	3	2	7	17	4	9	4	0	16	10	5	2	2	0	0	0	2	0	15	1	1
April	10.6	S.	36	SE.	0	6	5	10	8	17	3	2	9	0	15	8	7	9	5	0	1	1	0	0	3	4	0
May	8.6	S.	38	S.	0	9	9	6	9	20	2	4	2	1	16	13	2	7	4	0	1	0	0	0	0	6	0
June	7.4	S.	36	W.	0	4	2	2	9	29	5	7	1	1	20	7	3	10	8	0	1	0	0	8	0	10	0
July	6.5	S.	24	S.	0	5	10	16	4	17	6	2	1	1	20	9	2	6	3	0	0	0	0	16	0	4	0
August	5.0	S.	18	S.	0	3	3	14	4	19	8	4	2	5	24	5	2	1	1	0	0	0	0	21	0	3	2
September	8.0	S.	36	S.	0	8	0	7	10	24	3	3	2	3	15	8	7	10	6	0	0	0	0	4	0	4	0
October	8.7	S.	36	S.	0	6	2	1	7	20	3	10	12	1	23	3	5	6	6	0	0	1	0	0	2	4	0
November	8.0	N.	28	S.	0	14	4	3	6	12	7	5	8	1	22	6	2	2	0	0	0	0	1	0	18	0	0
December	8.2	S.	34	S.	0	10	4	4	1	14	11	11	6	1	20	6	5	4	2	1	0	1	5	0	21	0	0
Year	8.1	S.	48	S.	1	113	52	68	72	208	73	70	58	16	228	90	47	67	42	10	3	5	30	49	116	36	5

CORPUS CHRISTI, TEX.

[H = 20 ft.; h_t = 42 ft.; h_r = 34 ft.; h_a = 50 ft.]

January	10.6	SE.	40	NW.	1	13	5	2	26	3	2	2	9	0	8	8	15	9	8	0	0	2	0	0	2	0	0
February	12.1	N.	48	NW.	2	15	3	7	15	0	2	1	12	1	7	5	16	12	9	0	0	3	0	0	1	1	0
March	14.5	SE.	36	SE.	0	12	5	7	33	1	3	0	1	0	4	7	20	6	4	0	0	0	0	0	0	1	0
April	16.0	SE.	46	NE.	2	3	3	10	42	0	0	1	1	0	2	11	17	7	6	0	0	0	0	0	0	4	0
May	14.3	SE.	35	N.	0	3	4	3	49	1	1	1	0	0	5	18	8	4	4	0	0	0	0	0	0	2	0
June	14.4	SE.	36	SE.	0	1	1	2	52	0	0	0	2	2	0	26	4	7	5	0	0	0	0	0	0	1	0
July	10.9	SE.	34	SE.	0	3	4	11	32	5	2	0	1	4	6	14	11	9	8	0	0	0	0	4	0	3	0
August	10.7	SE.	25	SE.	0	1	0	3	49	6	2	0	1	0	2	17	12	9	7	0	0	0	0	0	0	1	0
September	11.0	SE.	35	N.	0	12	3	11	28	1	2	2	1	0	8	10	12	8	6	0	0	0	0	0	0	0	0
October	11.4	SE.	27	N.	0	9	8	4	30	2	5	3	0	1	12	16	3	2	2	0	0	0	0	0	0	0	0
November	10.0	SE.	40	SE.	1	18	5	12	18	1	3	0	3	0	15	13	2	1	0	0	0	2	0	0	0	0	0
December	10.4	N.	36	NW.	0	16	9	11	15	0	2	1	8	0	10	14	7	2	2	0	0	3	0	0	2	0	0
Year	12.2	SE.	48	NW.	6	106	50	83	389	20	24	11	39	8	79	159	127	76	61	0	0	10	0	4	5	13	0

DAVENPORT, IOWA.

[H = 613 ft.; h_t = 100 ft.; h_r = 93 ft.; h_a = 108 ft.]

January	9.5	W.	40	W.	1	3	8	3	3	13	8	14	9	1	12	11	8	9	4	6	0	2	14	0	25	0	0
February	10.0	SW.	36	SW.	0	5	4	2	2	6	13	11	11	2	11	10	7	6	3	5	0	0	16	0	24	0	2
March	12.5	SW.	60	SW.	3	0	5	5	10	8	13	11	9	1	8	15	8	8	6	1	1	0	2	0	13	3	1
April	11.3	E.	48	S.	2	0	9	13	9	6	8	7	8	0	3	14	13	7	3	0	0	0	0	0	3	3	0
May	9.1	SW.	40	SW.	1	12	4	3	5	10	13	7	8	0	10	12	9	7	5	0	1	0	0	0	0	3	0
June	7.7	SW.	45	SE.	2	1	3	8	7	11	17	5	8	0	14	13	3	8	7	0	0	0	0	11	0	10	0
July	6.5	SW.	25	SW.	0	3	5	6	3	10	19	4	10	2	16	10	5	1	1	0	0	0	0	16	0	2	0
August	6.4	SW.	28	N.	0	5	16	7	5	7	9	6	7	0	9	17	5	3	3	0	0	0	0	6	0	4	0
September	7.9	S.	36	NW.	0	3	5	9	11	16	5	6	5	0	15	6	9	13	12	0	0	0	0	2	0	11	0
October	9.9	SW.	34	SW.	0	2	4	12	8	5	15	10	6	0	8	10	13	9	5	0	0	0	0	0	0	1	0
November	10.9	NW.	42	NW.	1	2	7	4	3	7	13	10	14	0	4	12	14	7	2	1	0	0	7	0	21	1	0
December	10.1	SW.	41	SW.	1	4	1	5	5	7	16	13	16	1	11	5	15	5	4	1	0	0	7	0	22	0	0
Year	9.3	SW.	60	SW.	11	40	71	77	71	106	149	104	105	7	121	135	109	83	55	14	2	2	46	35	108	38	3

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

DENVER, COLO.

[λ=39° 45′ N.; φ=165° W.; gravity corr., —0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	24.63	24.98	24.23	25.3	36.3	44.2	18.5	31.4	66	— 7	2	17	38	46	.048	.095	.18	.10	2.6	3.9	4.4
February	24.69	25.12	24.18	16.8	30.9	37.7	12.1	24.9	55	— 6	0	14	46	50	.042	.082	.90	.50	4.0	3.9	4.6
March	24.64	25.16	24.18	31.8	47.8	52.3	28.0	40.2	71	9	13	19	47	35	.081	.112	.70	.23	3.9	4.0	5.1
April	24.68	24.97	24.27	39.1	59.6	63.2	36.1	49.6	80	23	25	25	54	31	.127	.136	3.30	1.84	3.4	4.3	4.4
May	24.74	25.10	24.25	51.4	66.3	70.7	47.2	59.0	85	35	32	36	52	37	.190	.216	3.00	1.15	4.7	5.5	5.4
June	24.72	24.90	24.46	56.1	74.7	80.3	51.7	66.0	94	45	39	32	54	26	.240	.194	.39	.22	1.8	5.0	3.4
July	24.91	25.12	24.65	61.3	77.1	85.0	58.3	71.6	96	53	45	47	56	38	.303	.330	2.11	1.16	2.7	6.0	4.5
August	24.89	25.04	24.67	59.8	78.3	84.9	57.4	71.2	94	49	46	41	62	31	.319	.276	1.86	1.21	2.5	5.4	4.4
September	24.77	25.16	24.46	51.8	70.4	76.1	49.1	62.6	88	37	34	35	53	32	.201	.214	1.55	1.44	2.7	4.2	3.7
October	24.74	25.02	24.42	43.6	61.5	67.9	40.0	54.0	80	21	18	24	37	25	.100	.129	.19	.19	1.5	2.3	3.1
November	24.84	25.08	24.30	36.6	49.5	58.6	31.0	44.8	75	5	13	16	45	30	.084	.097	.22	.17	3.5	3.5	3.8
December	24.77	25.20	24.29	24.8	34.6	43.3	20.1	31.7	69	— 8	17	13	73	45	.095	.079	.69	.40	2.6	3.2	3.5
Year	24.75	25.20	24.18	41.5	57.2	63.7	37.5	50.6	96	— 8	24	27	51	36	.152	.163	15.09	1.84	3.0	4.3	4.2

DES MOINES, IOWA.

[λ=41° 35′ N.; φ=93° 37′ W.; gravity corr., —0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.14	29.67	28.60	15.8	23.5	30.4	11.7	21.0	55	—27	12	16	83	74	.091	.101	1.09	.52	4.1	3.0	5.3
February	29.19	29.82	28.44	14.1	24.7	30.2	10.8	20.5	54	— 8	11	16	86	70	.079	.097	1.39	.76	4.0	2.3	3.9
March	29.04	29.66	28.55	34.8	46.2	52.7	32.0	42.6	81	4	28	31	76	58	.173	.200	1.78	.42	5.4	4.8	4.9
April	29.02	29.36	28.61	46.6	57.2	62.2	43.8	53.0	87	28	38	39	74	54	.251	.263	1.70	.74	6.1	6.8	5.4
May	29.03	29.43	28.57	55.1	68.9	73.2	50.9	62.0	90	36	44	42	68	41	.311	.290	1.41	.56	4.2	3.7	3.1
June	29.04	29.31	28.69	67.1	81.0	86.9	62.0	74.4	99	43	56	54	68	41	.462	.437	1.67	.75	3.8	4.8	3.2
July	29.11	29.31	28.89	69.3	85.7	90.7	64.7	77.7	104	52	56	49	62	36	.445	.354	.29	.24	3.4	3.9	2.8
August	29.11	29.32	28.96	66.2	82.4	88.6	63.4	76.0	100	47	56	54	71	40	.461	.441	1.89	.82	3.2	3.1	2.3
September	29.08	29.53	28.77	58.4	69.2	77.6	55.8	66.7	93	37	52	53	80	58	.412	.430	4.46	2.60	4.1	4.9	3.6
October	28.99	29.37	28.57	45.6	56.1	63.8	43.3	53.6	82	30	39	40	77	57	.244	.261	2.24	.71	4.6	4.4	4.4
November	29.18	29.75	28.42	29.7	36.2	42.8	26.2	34.5	66	4	22	25	73	62	.123	.141	.99	.49	6.0	4.0	5.9
December	29.18	29.79	28.51	27.7	34.7	39.9	25.4	32.6	65	— 8	22	27	76	73	.127	.155	1.15	.59	4.9	3.6	4.9
Year	29.09	29.82	28.42	44.2	55.5	61.6	40.9	51.2	104	—27	36	37	74	55	.265	.264	20.06	2.60	4.5	4.1	4.1

DETROIT, MICH.

[λ=42° 20′ N.; φ=83° 3′ W.; gravity corr. — 0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.29	29.83	28.80	27.2	31.2	35.7	24.1	29.9	50	— 3	24	24	85	75	.136	.138	.94	.27	6.4	4.8	6.2
February	29.30	30.07	28.54	19.5	25.7	29.9	17.2	23.6	54	—11	15	19	82	75	.092	.109	2.57	1.27	5.9	5.0	5.5
March	29.24	29.60	28.78	36.4	42.2	47.8	33.0	40.4	72	12	30	33	77	70	.174	.198	1.39	.38	6.7	4.2	5.5
April	29.25	29.62	28.78	43.2	48.8	55.8	39.3	47.6	78	24	36	39	77	69	.226	.245	2.54	.75	5.2	5.8	5.5
May	29.15	29.61	28.72	53.4	57.6	64.5	48.0	56.2	83	34	46	47	76	69	.315	.332	4.90	.99	6.5	6.6	5.8
June	29.22	29.49	28.85	66.8	72.1	81.3	60.0	70.6	94	38	56	58	69	62	.477	.503	2.63	.96	4.5	4.4	3.9
July	29.24	29.44	29.03	70.4	76.1	84.0	63.8	73.9	96	48	56	56	62	52	.468	.464	2.06	1.22	3.0	3.7	3.2
August	29.26	29.46	29.02	64.4	71.3	79.2	59.6	69.4	92	47	55	54	73	55	.447	.417	.16	.14	3.6	4.1	4.6
September	29.29	29.70	28.94	61.8	67.0	75.1	57.4	66.2	91	39	55	54	79	64	.450	.448	2.47	.65	4.0	2.9	3.8
October	29.17	29.52	28.79	47.9	52.7	58.5	45.0	51.8	76	29	42	43	81	71	.279	.284	3.37	1.01	5.5	5.9	6.1
November	29.26	29.92	28.80	32.0	36.1	40.5	29.4	35.0	64	17	27	28	81	73	.150	.160	1.15	.43	6.9	6.1	6.3
December	29.36	29.72	28.79	30.0	33.1	37.3	27.5	32.4	55	— 3	25	27	81	77	.145	.153	1.56	.57	6.1	6.1	6.6
Year	29.25	30.07	28.54	46.1	51.2	57.2	42.0	49.8	96	—11	39	40	77	68	.280	.288	25.74	1.27	5.4	5.0	5.2

DODGE CITY, KANS.

[λ=37°, 45′ N.; φ=100° W.; gravity corr., —0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	27.38	27.86	27.00	19.0	32.1	44.6	16.9	30.8	68	—15	12	15	74	48	.081	.086	.04	.04	3.7	2.8	3.6
February	27.45	27.96	26.80	16.4	27.7	34.9	13.7	24.3	60	— 5	12	17	80	63	.075	.097	1.03	.58	5.0	4.8	4.6
March	27.34	27.88	26.92	33.8	50.8	59.9	32.3	46.1	84	9	25	24	71	37	.149	.134	.40	.24	4.2	3.8	3.8
April	27.31	27.75	27.02	46.5	63.8	71.8	43.5	57.6	86	30	35	32	66	36	.226	.208	1.88	1.65	3.9	3.9	3.1
May	27.36	27.70	26.94	57.0	71.5	78.0	51.8	64.9	89	37	45	44	68	40	.324	.313	.95	.44	4.5	4.5	3.7
June	27.35	27.64	27.07	66.0	80.7	86.9	60.0	73.4	102	45	56	54	72	43	.460	.428	2.80	2.43	4.1	4.3	3.7
July	27.44	27.61	27.20	68.9	84.5	92.3	64.7	78.5	106	53	55	51	64	37	.445	.397	2.05	.98	4.2	3.9	3.4
August	27.46	27.61	27.28	65.8	82.6	89.2	62.6	75.9	97	52	56	52	71	36	.449	.394	.15	.06	2.7	3.4	3.3
September	27.37	27.78	26.98	58.5	72.7	81.0	56.5	68.8	96	38	52	49	81	46	.414	.363	2.03	1.09	4.4	3.1	3.2
October	27.36	27.68	26.96	46.6	62.1	74.0	44.9	59.4	88	29	35	36	64	40	.215	.230	.62	.40	2.5	2.3	2.3
November	27.51	27.84	26.90	32.5	45.9	59.2	29.6	44.4	83	10	20	18	59	35	.109	.104	.03	.02	3.2	2.7	3.3
December	27.49	28.10	26.77	25.0	35.3	45.9	23.0	34.4	79	—11	17	20	72	59	.107	.121	.62	.32	4.0	3.4	3.7
Year	27.40	28.10	26.77	44.7	59.1	68.1	41.6	54.9	106	—15	35	34	70	43	.254	.240	12.60	2.43	3.9	3.6	3.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

DENVER, COLO.

[H = 5,287 ft.; h_t = 108 ft.; h_r = 97 ft.; h_a = 121 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.9	S.	40	NW.	1	3	8	4	3	14	9	9	11	1	10	18	3	3	2	3	0	0	3	0	27	0	0
February	7.4	S.	40	NW.	1	4	9	1	2	14	9	4	13	0	11	11	6	6	4	6	0	0	9	0	27	0	0
March	8.7	SW.	36	NW.	0	5	8	4	11	9	15	1	9	0	9	15	7	7	5	7	0	1	4	0	19	0	0
April	9.1	S.	42	NW.	2	5	4	3	4	13	14	1	15	1	13	11	6	6	6	1	0	0	0	0	10	2	0
May	8.9	NW.	48	W.	1	6	7	2	4	8	13	5	16	1	8	17	6	9	5	0	0	0	0	0	0	2	0
June	8.3	S.	38	NW.	0	5	3	2	5	17	13	6	9	0	18	11	1	7	3	0	1	0	0	4	0	6	0
July	6.5	S.	36	SW.	0	4	5	1	2	15	8	8	18	1	9	19	3	11	8	0	0	1	0	7	0	12	0
August	6.3	S.	30	NE.	0	2	5	2	4	19	14	6	10	0	10	18	3	12	6	0	0	0	0	2	0	7	0
September	6.9	S.	35	NE.	0	7	6	5	11	14	8	2	6	1	18	10	2	4	3	0	1	0	0	0	0	2	0
October	7.8	S.	36	NW.	0	6	5	6	8	13	9	5	10	0	20	10	1	2	2	0	0	0	0	0	4	0	0
November	7.8	S.	60	NE.	3	2	5	5	5	16	9	7	11	0	16	9	5	2	2	1	0	0	1	0	14	0	0
December	6.9	S.	40	SW.	1	6	4	3	4	21	11	4	9	0	18	10	3	6	4	6	0	1	7	0	27	0	0
Year	7.8	S.	60	NE.	9	55	69	38	63	173	132	58	137	5	160	159	46	75	50	29	3	3	24	13	128	31	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

DES MOINES, IOWA.

[H = 869 ft.; h_t = 84 ft.; h_r = 75 ft.; h_a = 88 ft.]

January	8.0	NW.	32	SE.	0	9	1	7	3	7	13	4	17	1	14	7	10	6	4	4	0	1	17	0	26	0	0
February	8.4	SW.	32	SW.	0	9	5	1	4	6	9	5	16	1	16	9	3	5	4	5	0	0	15	0	27	0	1
March	11.0	SW.	42	SW.	1	9	1	5	6	7	13	7	14	0	15	9	7	8	7	1	1	0	4	0	13	3	0
April	10.4	SE.	37	W.	0	2	6	14	11	7	4	6	10	0	8	17	5	12	5	0	1	0	0	0	4	5	0
May	9.0	SW.	32	SW.	0	12	10	4	5	9	10	4	7	1	21	9	1	9	7	0	2	0	0	0	0	3	0
June	7.4	SW.	41	SW.	1	7	3	3	3	19	12	8	2	3	18	9	3	11	7	0	0	0	0	0	11	11	0
July	6.9	SW.	34	SW.	0	6	10	4	8	4	16	4	8	2	23	7	1	4	3	0	0	0	0	17	0	6	0
August	5.7	SW.	25	W.	0	7	10	8	9	3	11	5	6	3	25	6	0	4	4	0	0	0	0	13	0	4	0
September	7.7	S.	34	SW.	0	6	0	7	2	19	8	1	14	3	18	7	5	12	9	0	1	0	0	1	0	7	0
October	7.9	NW.	35	W.	0	4	1	6	5	10	7	11	17	1	15	7	9	12	11	0	0	0	0	0	1	2	0
November	9.6	NW.	36	NW.	0	11	1	2	8	7	6	8	17	0	8	13	9	7	6	0	0	1	6	0	22	0	0
December	8.6	SW.	33	W.	0	10	3	2	5	2	16	6	18	0	15	4	12	6	5	3	0	0	5	0	20	0	0
Year	8.4	SW.	42	SW.	2	92	51	63	69	100	125	69	146	15	196	104	65	96	72	13	5	2	47	42	113	41	1

DETROIT, MICH.

[H = 724 ft.; h_t = 158 ft.; h_r = 144 ft.; h_a = 161 ft.]

January	11.9	SW.	45	W.	2	3	5	7	7	1	21	9	9	0	5	13	13	8	6	2	0	3	11	0	23	0	0
February	13.3	SW.	57	SW.	2	5	2	8	3	1	15	15	7	0	11	6	11	11	6	7	0	2	16	0	25	1	2
March	13.7	SW.	44	W.	2	2	4	4	7	3	21	13	8	0	9	11	11	11	8	5	0	1	4	0	11	0	1
April	10.2	NE.	48	SW.	1	5	14	12	5	4	11	4	5	0	13	5	12	9	9	1	0	0	0	0	6	2	2
May	10.8	SW.	36	W.	0	5	13	11	5	5	9	9	5	0	8	13	10	19	16	0	2	0	0	0	0	6	0
June	9.0	SW.	49	W.	2	1	4	4	5	4	26	11	5	0	14	15	1	8	7	0	0	0	0	6	0	5	0
July	9.2	SW.	37	SW.	0	4	10	7	5	3	17	7	9	0	19	12	0	4	4	0	0	0	0	5	0	4	0
August	7.6	SW.	30	W.	0	3	17	7	3	5	15	4	6	2	15	10	6	2	1	0	0	3	0	2	0	3	0
September	9.9	SW.	40	W.	1	1	7	7	9	3	20	5	8	0	15	10	5	12	10	0	0	2	0	1	0	6	1
October	10.2	SW.	36	W.	0	2	4	6	6	3	18	16	6	1	10	7	14	14	11	0	0	5	0	0	2	3	0
November	13.2	SW.	46	W.	3	1	5	1	6	1	17	11	18	0	7	11	12	9	8	7	0	2	4	0	21	0	0
December	12.7	SW.	42	W.	1	4	5	3	1	3	27	12	6	1	9	5	17	11	5	3	0	1	8	0	18	0	0
Year	11.0	SW.	57	SW.	14	36	90	77	62	36	217	116	92	4	135	118	112	118	91	25	2	19	43	14	106	30	6

DODGE CITY, KANS.

[H = 2,523 ft.; h_t = 44 ft.; h_r = 37 ft.; h_a = 52 ft.]

January	9.5	SE.	39	NW.	0	10	5	7	14	6	6	6	7	1	16	10	5	1	1	1	0	2	6	0	28	0	0
February	10.8	NW.	45	NW.	1	15	8	1	4	3	6	5	14	0	15	5	8	8	3	8	0	0	13	0	28	0	0
March	14.3	SE.	48	NW.	5	12	8	2	15	13	2	2	8	0	16	13	2	4	3	2	1	1	2	0	15	1	0
April	14.9	SE.	47	NW.	8	8	5	6	11	7	6	7	10	0	20	9	1	3	3	0	0	1	0	0	2	5	0
May	13.2	SE.	47	S.	2	6	11	6	24	9	0	2	4	0	16	12	3	9	5	0	1	3	0	0	0	5	0
June	15.1	SE.	46	S.	5	1	5	6	24	18	2	1	3	0	15	15	0	6	6	0	2	0	0	10	0	8	0
July	11.0	SE.	47	SW.	2	1	11	1	22	17	4	1	4	1	18	10	3	6	4	0	1	1	0	21	0	8	0
August	9.5	S.	36	SW.	0	4	8	4	17	20	3	1	4	1	21	6	4	5	2	0	0	0	0	17	0	3	0
September	12.4	S.	46	S.	2	8	6	3	19	16	4	2	2	0	20	7	3	4	3	0	0	0	0	8	0	3	0
October	12.3	SE.	45	S.	5	7	5	5	17	9	2	3	14	0	25	5	1	3	3	0	0	0	0	0	2	2	0
November	10.3	NE.	43	N.	2	18	9	2	4	9	5	6	6	1	21	6	3	2	0	1	0	1	2	0	16	0	0
December	10.8	NW.	41	SW.	2	11	8	1	9	5	3	10	15	0	19	9	3	5	4	4	0	0	7	0	23	0	0
Year	12.0	SE.	48	NW.	34	101	89	44	180	132	43	46	91	4	222	107	36	56	37	16	5	9	30	56	114	35	0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

DULUTH, MINN.

[λ = 46° 47′ N.; φ = 92° 6′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.											
		Extremes.		Mean.					Extremes.		Dew Point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.30	29.82	28.59	8.0	15.2	20.3	4.8	12.6	51	—24	5	12	86	85	.066	.086	1.51	.44	6.3	5.5	5.6
February	29.32	30.02	28.58	7.7	18.3	23.7	5.6	14.6	45	—21	5	13	86	80	.061	.088	.25	.13	5.0	3.6	5.0
March	29.19	29.78	28.57	25.4	31.6	35.9	22.9	29.4	51	— 5	22	27	86	82	.127	.150	4.30	.98	6.5	6.2	7.2
April	29.26	29.59	28.40	35.5	38.7	42.8	32.9	37.8	70	23	32	33	88	82	.182	.196	5.85	1.35	6.6	7.5	6.9
May	29.24	29.64	28.50	45.3	49.8	56.2	40.2	48.2	80	36	37	37	74	66	.223	.224	5.62	1.33	4.5	4.9	5.6
June	29.20	29.48	28.75	59.6	66.9	73.0	52.4	62.7	88	40	51	51	74	61	.385	.379	1.80	.65	3.9	4.2	3.9
July	29.24	29.48	28.98	63.9	72.1	78.7	58.5	68.6	94	51	55	54	74	55	.443	.414	.92	.74	3.7	3.0	3.7
August	29.30	29.58	29.00	60.4	67.0	72.8	57.0	64.9	90	50	54	53	79	65	.413	.416	1.08	.51	3.4	3.1	3.5
September	29.19	29.65	28.76	54.5	61.3	68.2	51.5	59.8	91	37	46	46	75	62	.329	.331	2.08	.74	3.0	2.7	3.1
October	29.11	29.56	28.63	43.4	47.6	52.5	41.3	46.9	72	34	38	39	84	76	.241	.216	4.99	1.53	6.7	5.4	6.8
November	29.30	30.02	28.49	23.5	27.5	31.9	20.4	26.2	48	— 6	20	22	85	78	.116	.122	1.43	.36	6.7	5.9	6.5
December	29.27	30.06	28.57	23.3	26.0	32.3	20.1	26.2	52	—17	20	22	86	81	.120	.128	1.87	.92	6.3	4.5	5.8
Year	29.24	30.06	28.40	37.5	43.6	49.0	34.0	41.5	94	—24	32	34	81	73	.226	.232	31.70	1.53	5.2	4.7	5.3

EAST CLALLAM, WASH.

[λ = 48° 14′ N.; φ = 124° 13′ W.; gravity corr., 0.]

January	.....	.....	.....	.....	.....	42.5	32.4	37.4	54	24	.....	.....	.....	.....	.....	.....	17.95	2.88	.....	.....	.....
February	.....	.....	.....	.....	.....	42.1	31.9	37.0	50	20	.....	.....	.....	.....	.....	.....	13.14	1.78	.....	.....	.....
March	.....	.....	.....	.....	.....	47.4	33.8	40.6	58	29	.....	.....	.....	.....	.....	.....	13.99	2.07	.....	.....	.....
April	.....	.....	.....	.....	.....	52.1	37.2	44.6	68	30	.....	.....	.....	.....	.....	.....	9.60	2.00	.....	.....	.....
May	.....	.....	.....	.....	.....	59.5	41.8	50.6	87	31	.....	.....	.....	.....	.....	.....	3.67	.91	.....	.....	.....
June	.....	.....	.....	.....	.....	63.2	47.0	55.1	86	41	.....	.....	.....	.....	.....	.....	3.81	1.91	.....	.....	.....
July	.....	.....	.....	.....	.....	64.7	46.4	55.6	94	42	.....	.....	.....	.....	.....	.....	.58	.53	.....	.....	.....
August	.....	.....	.....	.....	.....	65.5	50.6	57.9	85	45	.....	.....	.....	.....	.....	.....	.80	.73	.....	.....	.....
September	.....	.....	.....	.....	.....	59.6	46.8	53.2	68	40	.....	.....	.....	.....	.....	.....	7.64	1.86	.....	.....	.....
October	.....	.....	.....	.....	.....	53.9	42.0	48.0	64	32	.....	.....	.....	.....	.....	.....	10.95	1.82	.....	.....	.....
November	.....	.....	.....	.....	.....	49.2	40.6	44.9	56	29	.....	.....	.....	.....	.....	.....	10.99	2.85	.....	.....	.....
December	.....	.....	.....	.....	.....	42.0	33.9	38.0	48	28	.....	.....	.....	.....	.....	.....	8.03	1.60	.....	.....	.....
Year	.....	.....	.....	.....	.....	53.5	40.4	46.9	94	20	.....	.....	.....	.....	.....	.....	101.15	2.88	.....	.....	.....

EASTPORT, ME.

[λ = 44° 54′ N.; φ = 66° 59′ W.; gravity corr., 0.]

January	29.99	30.67	28.69	18.7	22.7	28.7	13.8	21.2	51	— 9	13	13	75	66	.087	.091	2.00	.46	5.3	3.5	6.1
February	29.98	30.66	28.71	17.1	21.0	25.9	12.1	19.0	43	—14	7	10	64	62	.078	.083	1.28	.47	5.5	3.9	5.8
March	29.93	30.29	29.45	31.9	34.2	38.2	28.6	33.4	51	13	25	25	75	70	.141	.144	1.19	.33	5.4	4.1	6.5
April	29.92	30.33	29.36	37.6	38.8	44.8	33.1	39.0	63	15	29	31	71	74	.166	.177	2.11	1.02	5.1	4.3	6.7
May	29.91	30.39	29.55	45.4	47.1	54.4	40.8	47.6	75	35	40	41	81	81	.246	.258	1.69	.48	5.6	5.7	6.9
June	29.85	30.20	29.49	51.5	51.0	59.6	45.7	52.6	72	42	48	48	88	88	.337	.334	3.37	1.29	4.5	4.3	7.1
July	29.86	30.19	29.58	61.1	58.9	69.9	51.4	60.6	91	46	56	54	84	87	.448	.428	1.21	.36	2.8	3.8	4.8
August	29.88	30.11	29.60	58.4	57.5	66.9	51.4	59.2	84	47	52	52	79	81	.389	.386	1.32	.40	4.8	4.2	6.1
September	30.02	30.44	29.56	55.0	55.5	62.9	50.5	56.7	78	40	48	49	80	81	.350	.357	1.46	.51	4.2	3.9	6.5
October	29.88	30.31	29.14	47.4	48.7	53.6	43.7	48.6	61	35	41	43	80	81	.266	.279	2.42	.70	5.4	3.8	6.7
November	29.88	30.56	29.06	34.4	35.1	39.9	29.1	34.5	56	7	28	27	75	71	.164	.161	2.62	.63	5.1	4.4	6.5
December	29.98	30.53	29.24	25.4	29.4	33.6	21.1	27.4	51	— 1	18	21	71	68	.113	.124	2.17	.57	5.5	5.4	6.5
Year	29.92	30.67	28.69	46.3	41.7	48.2	35.1	41.6	91	—14	34	34	77	76	.232	.235	22.84	1.29	4.9	4.3	6.4

EL PASO, TEX.

[λ = 31° 47′ N.; φ = 106° 30′ W.; gravity corr., —0.03.]

January	26.22	26.46	25.91	32.5	50.4	55.9	30.2	43.0	71	14	14	12	48	23	.088	.081	.33	.29	1.1	2.6	2.9
February	26.21	26.57	25.77	33.6	52.7	56.5	32.1	44.3	72	16	15	10	46	20	.088	.074	.29	.29	2.8	3.4	3.9
March	26.16	26.48	25.70	42.8	62.9	67.3	40.8	54.0	83	27	16	8	37	13	.094	.063	.13	.10	3.6	2.6	3.9
April	26.13	26.34	25.88	53.3	75.8	79.1	52.0	65.6	88	42	15	1	24	6	.098	.053	.01	.01	2.7	2.6	3.1
May	26.11	26.40	25.86	61.2	84.4	87.5	59.3	73.4	96	45	22	6	27	9	.146	.093	.01	.01	2.4	3.2	3.1
June	26.12	26.28	25.93	67.6	91.7	93.9	64.7	79.3	100	56	28	11	30	8	.199	.102	.01	.01	.9	1.5	1.6
July	26.22	26.36	26.08	69.6	89.9	93.7	68.4	81.0	102	62	48	37	48	18	.344	.239	1.40	1.09	2.2	3.9	3.2
August	26.22	26.34	26.08	67.7	82.9	88.5	66.9	77.7	96	61	55	51	66	35	.443	.380	.64	.18	5.1	5.1	5.1
September	26.19	26.42	25.93	61.5	80.2	86.4	60.6	73.5	92	47	46	41	59	28	.322	.270	.40	.33	1.5	2.1	2.6
October	26.21	26.40	26.04	54.7	71.5	80.3	53.4	66.8	91	31	38	35	58	28	.254	.216	.39	.22	1.8	1.9	2.5
November	26.33	26.57	26.06	38.1	60.0	71.7	36.2	54.0	78	26	18	19	43	21	.096	.106	.00	.00	.2	.6	.7
December	26.29	26.63	25.93	40.3	52.1	58.5	38.0	48.2	73	23	27	28	61	42	.163	.173	.63	.53	4.5	5.2	6.3
Year	26.20	26.63	25.70	51.9	71.2	76.6	50.2	63.4	102	14	28	22	46	21	.195	.154	4.24	1.09	2.4	2.9	3.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

DULUTH, MINN.

[H = 656 ft.; h_t = 70 ft.; h_r = 56 ft.; h_a = 72 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	6.2	NW.	32	NW.	0	4	14	5	0	2	5	11	17	4	11	5	15	14	8	11	0	2	25	0	30	0	0
February	6.4	W.	25	NW.	0	1	13	4	0	0	8	10	12	8	11	9	8	7	2	7	0	0	21	0	28	0	3
March	7.6	NE.	36	NE.	0	5	12	12	1	1	6	7	11	7	5	8	18	17	11	12	0	2	9	0	24	1	1
April	6.8	NE.	27	NE.	0	6	38	4	1	0	1	2	3	5	6	7	17	15	14	3	0	3	1	0	12	2	0
May	7.9	NE.	38	NW.	0	1	31	6	2	0	4	7	5	6	12	6	13	15	13	0	0	6	0	0	0	6	0
June	5.9	E.	25	E.	0	4	13	12	1	3	2	7	10	8	15	13	2	9	6	0	0	3	0	0	0	9	1
July	6.5	NW.	25	NE.	0	3	11	11	0	1	3	6	16	11	13	15	3	8	3	0	0	1	0	5	0	8	1
August	5.7	E.	23	NE.	0	6	12	10	1	3	3	4	10	13	16	13	2	5	4	0	0	4	0	1	0	6	1
September	6.3	NW.	26	NW.	0	2	10	3	2	1	7	13	13	9	18	8	4	6	6	0	0	0	0	1	0	3	1
October	7.3	NW.	27	NW.	0	1	13	4	3	3	4	7	18	9	6	9	16	14	12	1	2	2	0	0	0	2	0
November	7.0	NW.	34	NW.	0	8	2	0	7	5	13	8	17	0	6	10	14	10	7	9	0	0	15	0	23	0	0
December	6.5	W.	29	NW.	0	3	4	6	1	2	10	19	14	3	9	8	14	9	5	3	0	2	12	0	25	0	0
Year	6.7	NE.	38	NW.	0	44	173	77	19	21	66	101	146	83	128	111	126	129	91	46	2	25	83	7	142	37	8

EAST CLALLAM, WASH.*

[H = — ft.; h_t = 5 ft.; h_r = 1 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	SE.	....	.....	....	0	0	3	16	1	0	6	0	3	7	2	20	19	17	8	0	0	0	0	13	0	0
February	.....	SE.	....	.....	....	0	0	3	11	6	1	2	0	4	4	1	22	21	21	3	0	0	1	0	13	0	0
March	.....	W.	....	.....	....	0	0	6	9	0	3	9	0	3	6	1	23	20	20	1	1	0	0	0	9	0	0
April	.....	W.	....	.....	....	0	2	1	5	0	4	9	7	2	3	5	22	24	22	0	0	0	0	0	3	0	0
May	.....	W.	....	.....	....	0	0	2	1	0	0	18	0	10	12	3	16	11	10	0	0	1	0	0	1	0	0
June	.....	W.	....	.....	....	0	0	1	0	0	0	24	0	5	11	2	17	8	8	0	0	1	0	0	0	1	0
July	.....	W.	....	.....	....	0	0	0	2	0	0	24	0	5	22	2	7	2	2	0	0	0	0	2	0	0	0
August	.....	W.	....	.....	....	0	0	0	0	0	0	18	0	13	17	3	11	3	3	0	0	3	0	0	0	0	0
September	.....	Calm. W.	....	.....	....	0	0	2	5	0	0	8	0	14	7	5	17	11	11	0	0	0	0	0	0	0	0
October	.....	Calm. W.	....	.....	....	0	0	4	4	0	4	7	0	12	6	3	22	17	17	0	0	0	0	0	0	0	0
November	.....	Calm. E.	....	.....	....	0	0	7	3	0	4	7	0	9	4	4	22	24	20	0	0	2	0	0	2	0	0
December	.....	E.	....	.....	....	0	1	18	2	0	1	4	0	5	12	1	18	18	16	1	0	0	0	0	7	0	0
Year	.....	W.	....	.....	....	0	3	47	58	7	17	136	7	85	111	32	217	178	167	13	1	7	1	2	48	1	0

* Record much broken.

EASTPORT, ME.

[H = 76 ft.; h_t = 69 ft.; h_r = 63 ft.; h_a = 74 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	14.6	NW.	78	NE.	6	14	9	0	4	1	7	8	18	1	7	12	12	13	12	10	0	1	17	0	30	0	2
February	14.1	NW.	50	SE.	2	2	9	3	3	3	11	6	19	0	8	11	9	10	8	8	0	0	18	0	27	0	2
March	11.0	SW.	42	NW.	2	7	6	2	2	0	12	7	13	4	4	15	12	14	7	9	0	2	4	0	22	0	2
April	13.6	NE.	51	NE.	4	12	20	2	0	6	10	4	3	3	4	14	12	12	10	5	0	3	2	0	12	0	2
May	9.1	SW.	36	NE.	0	5	10	6	4	5	19	1	7	5	7	11	13	10	10	0	0	5	0	0	0	1	0
June	7.0	SW.	28	NE.	0	3	5	3	1	10	23	4	2	9	2	16	12	10	7	0	0	14	0	0	0	3	1
July	6.5	SW.	23	SE.	0	7	0	2	5	15	21	3	5	4	10	19	2	11	8	0	0	13	0	1	0	5	0
August	6.3	SW.	25	SW.	0	6	2	2	5	10	15	8	7	7	6	17	8	10	5	0	1	9	0	0	0	4	0
September	8.5	SW.	36	E.	0	4	6	6	0	9	15	9	8	3	5	14	11	10	5	0	0	9	0	0	0	0	1
October	10.9	SW.	42	SE.	1	1	9	2	10	3	14	7	11	5	4	15	12	15	10	0	0	3	0	0	0	1	3
November	14.0	W.	56	SE.	3	5	6	0	3	4	13	14	14	1	8	8	14	12	10	3	0	0	6	0	17	0	3
December	12.4	NW.	60	NE.	1	7	6	0	2	5	13	11	15	3	6	13	12	9	7	7	0	1	13	0	24	0	1
Year	10.7	SW.	78	NE.	19	73	88	28	39	80	173	82	122	45	71	165	129	136	99	42	1	60	60	1	132	14	17

EL PASO, TEX.

[H = 3,813 ft.; h_t = 10 ft.; h_r = 2 ft.; h_a = 110 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.6	NW.	48	W.	2	1	5	4	5	0	2	9	32	4	20	7	4	2	2	0	0	0	0	0	18	0	0
February	11.5	NW.	41	NW.	2	0	3	4	8	0	2	8	27	4	12	11	5	1	1	0	0	0	1	0	15	0	0
March	12.4	NW.	52	NW.	5	0	2	6	4	1	4	15	30	0	14	14	3	3	1	0	0	0	0	0	4	0	0
April	11.9	NW.	50	NW.	2	0	4	7	1	1	2	18	27	0	16	10	4	1	0	0	0	0	0	0	0	0	0
May	9.7	NW.	35	NE.	0	2	3	10	7	2	3	19	16	0	14	15	2	1	0	0	0	0	0	9	0	3	0
June	9.1	W.	32	NW.	0	3	2	9	7	2	5	17	15	0	25	4	1	1	0	0	0	0	0	27	0	1	0
July	6.5	SE.	40	NE.	1	2	9	17	23	1	1	0	8	1	16	14	1	3	2	0	0	0	0	26	0	4	0
August	8.4	NE.	49	NE.	4	2	17	23	10	1	2	3	4	0	7	19	5	9	7	0	0	0	0	16	0	5	0
September	10.0	NE.	41	SW.	1	0	15	11	4	1	10	9	10	0	19	10	1	3	2	0	0	0	0	5	0	1	0
October	9.8	NW.	50	SW.	1	1	10	13	4	2	3	9	20	0	19	11	1	3	2	0	0	0	0	1	1	1	0
November	7.8	NW.	47	NW.	2	1	9	13	7	1	5	10	13	1	27	3	0	0	0	0	0	0	0	0	6	0	0
December	11.3	NW.	54	NW.	5	1	15	11	4	2	1	14	14	0	5	12	14	4	3	0	0	0	0	0	7	0	0
Year	9.8	NW.	54	NW.	25	13	94	128	84	14	40	131	216	10	194	130	41	31	20	0	0	0	1	84	51	15	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ERIE, PA.

[λ = 42° 7′ N.; φ = 80° 5′ W.; gravity corr., — 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.32	29.80	28.79	31.7	32.5	38.8	26.7	32.8	54	9	25	25	77	75	.141	.139	2.07	.60	7.7	6.3	7.2
February	29.32	30.00	28.68	23.3	26.5	31.6	19.0	25.3	50	— 2	18	20	80	78	.102	.113	3.55	1.81	7.8	6.1	6.5
March	29.27	29.64	28.91	38.7	41.6	48.8	32.5	40.6	75	17	29	32	69	70	.167	.187	1.95	.96	6.5	4.2	5.5
April	29.27	29.64	28.94	44.7	46.6	52.0	38.4	45.2	77	24	36	36	73	68	.226	.219	1.74	.59	5.4	5.6	5.3
May	29.17	29.64	28.78	55.9	56.9	64.9	48.8	56.8	85	40	48	49	75	77	.336	.351	4.91	.99	6.1	7.0	5.7
June	29.24	29.47	28.81	67.3	69.6	76.2	59.8	68.0	92	40	57	57	71	66	.481	.491	2.88	.79	4.1	5.3	4.8
July	29.26	29.48	29.06	72.2	73.7	80.7	64.7	72.7	91	50	57	59	60	62	.470	.515	2.26	1.55	4.4	4.6	4.5
August	29.28	29.48	29.00	66.5	70.0	76.9	61.0	69.0	88	52	54	56	66	62	.430	.450	.54	.28	5.4	4.6	4.9
September	29.31	29.65	28.96	64.4	66.3	76.1	58.8	67.4	90	36	57	57	77	73	.478	.478	5.48	2.06	4.8	3.7	5.0
October	29.20	29.52	28.89	52.1	54.2	63.0	47.3	55.2	81	35	44	46	75	76	.297	.324	5.35	2.20	6.4	5.1	5.8
November	29.27	29.91	28.85	35.4	38.3	46.3	31.1	38.7	71	22	28	29	75	70	.159	.164	1.90	.80	7.9	6.7	6.9
December	29.31	29.71	28.85	32.9	33.7	42.1	28.2	35.2	60	2	27	26	78	74	.151	.152	2.53	.86	7.9	5.5	6.7
Year	29.27	30.00	28.68	48.8	50.8	58.1	43.0	50.6	92	— 2	40	41	73	71	.286	.299	35.16	2.20	6.2	5.4	5.7

EUREKA, CAL.

[λ = 40° 48′ N.; φ = 124° 11′ W.; gravity corr., — 0.01.]

January	30.07	30.33	29.60	43.7	47.4	50.3	41.0	45.6	59	28	43	45	96	92	.280	.305	12.38	3.72	6.7	7.3	7.9
February	30.10	30.38	29.77	39.5	46.9	50.2	37.1	43.6	56	29	38	40	95	78	.231	.251	6.13	1.05	5.2	6.2	5.6
March	30.05	30.29	29.58	43.3	48.8	52.1	40.6	46.4	62	32	42	45	95	87	.268	.300	7.46	1.60	5.5	7.1	6.6
April	30.11	30.38	29.68	45.2	50.1	53.8	43.5	48.6	64	36	44	48	97	93	.291	.335	2.97	1.27	4.9	4.7	4.7
May	29.96	30.28	29.69	46.8	53.2	56.3	45.6	51.0	63	36	46	50	97	88	.314	.359	1.31	.52	5.8	4.2	5.1
June	30.00	30.24	29.79	51.2	56.0	58.9	49.9	54.4	65	42	50	54	98	92	.368	.412	1.67	.54	6.6	5.2	5.8
July	30.02	30.15	29.87	51.1	56.2	59.2	49.5	54.4	64	46	50	51	96	84	.362	.380	.02	.02	6.2	6.0	6.3
August	29.96	30.08	29.79	54.5	59.0	61.9	52.7	57.3	79	48	53	54	95	86	.404	.425	.04	.04	4.3	6.2	6.4
September	29.95	30.22	29.47	51.5	58.6	62.6	49.3	56.0	71	42	50	52	95	79	.360	.386	1.84	1.51	1.7	2.3	4.3
October	29.97	30.29	29.40	50.7	56.2	59.7	48.1	53.9	69	39	48	51	93	84	.344	.379	3.12	1.07	4.0	4.5	6.0
November	30.09	30.21	29.71	47.1	51.9	56.7	44.7	50.7	69	37	46	49	96	90	.309	.346	2.03	1.19	1.7	3.6	5.5
December	29.92	30.33	29.42	43.2	48.2	52.3	39.6	46.0	60	30	40	44	90	84	.250	.284	12.31	3.47	6.5	7.6	6.8
Year	30.02	30.38	29.40	47.3	52.7	56.2	45.1	50.7	79	28	46	49	95	86	.315	.338	51.28	3.72	4.9	5.4	5.9

FORT SMITH, ARK.

[λ = 35° 22′ N.; φ = 94° 24′ W.; gravity corr., — 0.03.]

January	29.60	30.13	29.13	34.9	45.7	52.5	31.0	41.8	77	— 7	28	32	74	61	.168	.194	1.94	.86	4.2	3.4	5.5
February	29.64	30.07	28.97	34.4	43.7	49.3	30.9	40.1	67	15	26	29	71	58	.153	.175	5.56	3.00	6.0	5.2	5.9
March	29.54	30.10	29.05	48.1	60.1	64.8	42.9	53.8	84	20	39	44	72	58	.262	.319	6.82	2.94	4.2	3.7	4.5
April	29.49	29.88	29.23	56.1	68.9	73.7	51.4	62.6	90	39	48	48	74	52	.355	.365	6.56	2.54	3.9	3.7	4.2
May	29.47	29.80	29.19	64.6	73.7	79.4	58.9	69.2	88	40	58	62	79	68	.494	.566	2.53	1.18	4.9	5.1	5.1
June	29.52	29.72	29.32	71.4	82.6	89.0	63.9	76.4	99	49	64	64	76	54	.598	.595	1.20	.64	2.5	3.0	3.1
July	29.52	29.68	29.36	73.7	86.1	93.4	66.8	80.1	105	58	64	63	74	48	.610	.581	1.59	.96	2.6	4.2	3.8
August	29.52	29.68	29.43	72.9	83.1	90.7	66.9	78.8	104	54	66	67	80	60	.650	.666	3.74	1.42	2.3	4.3	3.8
September	29.52	29.82	29.25	66.5	76.2	82.4	62.1	72.2	98	50	62	65	84	70	.565	.635	3.96	1.15	4.9	3.1	5.1
October	29.52	29.78	29.21	52.3	67.4	76.2	48.2	62.2	89	28	46	51	80	58	.329	.399	2.50	1.73	2.4	1.5	2.4
November	29.68	30.00	29.22	40.4	54.2	62.6	35.7	49.2	75	20	33	38	76	55	.195	.246	2.30	1.83	3.8	2.3	3.3
December	29.69	30.33	29.00	38.1	47.6	53.5	33.6	43.6	73	3	31	37	77	67	.191	.236	2.51	1.10	4.7	2.5	4.5
Year	29.56	30.33	28.97	54.4	65.8	72.3	49.4	60.8	105	— 7	47	50	76	59	.381	.415	41.21	3.00	3.9	3.5	4.3

FRESNO, CAL.

[λ = 36° 43′ N.; φ = 119° 49′ W.; gravity corr., — 0.02.]

January	29.82	30.07	29.51	39.0	49.5	51.9	35.8	43.8	64	25	36	40	88	70	.213	.248	2.27	1.28	3.4	4.5	6.1
February	29.80	30.04	29.43	40.7	54.1	55.9	37.7	46.8	69	30	37	37	86	54	.221	.225	2.02	.62	2.6	4.4	5.5
March	29.70	29.94	29.38	43.6	62.7	64.8	41.2	53.0	81	32	38	38	82	41	.238	.235	.29	.20	1.8	3.6	4.3
April	29.65	29.90	29.38	49.3	73.9	76.4	48.0	62.2	92	38	40	41	72	33	.251	.269	.10	.07	1.6	2.7	2.9
May	29.52	29.76	29.25	55.3	79.1	81.6	53.7	67.6	95	40	46	42	72	30	.318	.280	1.16	.94	2.6	2.7	3.7
June	29.56	29.74	29.39	56.2	80.8	82.5	55.3	68.9	100	47	48	45	73	31	.335	.301	1.16	.74	2.2	2.2	3.1
July	29.53	29.66	29.40	66.4	98.8	100.3	65.1	82.7	106	56	48	46	52	17	.330	.314	T.	T.	.9	.7	1.4
August	29.50	29.69	29.35	66.8	97.4	98.8	65.2	82.0	109	55	49	48	53	19	.318	.340	T.	T.	1.1	1.2	1.7
September	29.51	29.77	29.35	61.4	87.6	89.6	58.3	74.0	102	48	44	44	54	25	.290	.299	.75	.75	.9	1.2	1.2
October	29.62	29.88	29.35	53.2	74.2	77.1	51.0	64.0	92	42	48	50	82	45	.336	.363	.37	.28	.9	2.0	2.4
November	29.74	29.88	29.50	47.6	68.5	73.3	44.0	58.6	82	35	40	45	77	45	.256	.304	.27	.27	.5	2.1	2.3
December	29.71	29.98	29.35	43.1	51.9	54.8	40.4	47.6	63	31	41	43	93	75	.261	.283	4.09	1.12	4.5	5.8	7.1
Year	29.64	30.07	29.25	51.9	73.2	75.6	49.6	62.6	109	25	43	43	74	40	.283	.288	12.48	1.28	1.9	2.8	3.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ERIE, PA.

[H = 714 ft.; h_t = 92 ft.; h_r = 82 ft.; h_a = 102 ft.]

Month.	Wind. By self-registers: Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m.: North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	13.2	S.	47	S.	2	1	4	3	5	16	13	15	5	0	4	12	15	17	10	9	0	1	6	0	23	0	1
February	13.1	S.	36	SW.	0	4	6	3	4	12	8	10	9	0	7	6	15	14	9	11	0	1	15	0	25	0	2
March	12.6	S.	36	S.	0	1	7	1	3	19	8	15	8	0	8	16	7	14	9	6	0	0	3	0	12	0	2
April	10.1	NE.	60	SE.	1	5	13	2	5	12	9	10	4	0	8	16	6	12	9	2	0	0	0	0	5	2	1
May	9.9	SW.	32	NE.	0	5	12	4	6	6	15	13	1	0	8	15	8	21	16	0	0	3	0	0	0	5	0
June	8.3	SW.	30	W.	0	2	4	1	3	11	18	16	4	1	12	10	8	12	10	0	0	0	0	1	0	6	0
July	8.8	SW.	30	NW.	0	2	9	1	3	11	16	13	7	0	12	13	6	7	6	0	0	0	0	3	0	6	0
August	8.0	S.	22	NE.	0	4	11	5	4	12	9	9	8	0	10	12	9	6	3	0	0	0	0	0	0	2	0
September	10.6	S.	31	SE.	0	6	7	3	11	13	9	5	6	0	10	13	7	13	11	0	0	0	0	0	0	5	0
October	11.6	S.	36	NW.	0	2	7	2	7	18	13	6	7	0	6	14	11	15	12	0	2	0	0	0	0	4	0
November	15.0	S.	41	SW.	3	4	1	3	0	17	14	9	12	0	2	14	14	17	10	8	1	1	0	0	18	0	0
December	14.0	SW.	51	SE.	2	2	2	4	5	16	17	9	7	0	6	6	19	14	12	6	0	2	5	0	17	0	0
Year	11.3	S.	60	SE.	8	38	83	32	56	163	149	130	78	1	93	147	125	162	117	42	3	8	29	4	100	30	6

EUREKA, CAL.

[H = 64 ft.; h_t = 60 ft.; h_r = 52 ft.; h_a = 69 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.0	SE.	44	S.	1	11	1	0	15	11	12	3	7	2	3	4	24	19	18	0	1	4	0	0	2	0	0
February	6.5	SW.	35	SW.	0	11	2	3	11	3	13	5	4	4	10	4	14	13	12	0	2	1	0	0	5	0	2
March	7.4	S.	46	NW.	3	13	1	0	9	14	7	3	11	4	6	8	17	18	14	1	0	4	0	0	1	0	0
April*	8.2	N.	36	N.	0	17	0	1	6	4	4	2	14	4	9	10	7	12	10	0	2	4	0	0	0	0	0
May	7.5	NW.	42	N.	1	14	1	0	5	2	11	3	19	7	10	14	7	8	7	0	0	6	0	0	0	0	0
June	7.8	NW.	27	N.	0	10	0	0	4	1	12	2	27	4	5	16	9	10	9	0	0	4	0	0	0	0	0
July	5.5	NW.	23	NW.	0	11	0	1	3	13	5	7	22	0	3	18	10	1	0	0	0	10	0	0	0	0	0
August	5.1	N.	24	NW.	0	14	0	3	0	11	7	12	13	2	6	10	15	1	1	0	1	16	0	0	0	2	0
September	6.6	NW.	40	NW.	1	5	0	8	2	8	8	3	19	7	15	12	3	5	3	0	0	16	0	0	0	0	0
October	5.0	NW.	36	SE.	0	3	4	7	10	7	11	3	15	2	8	12	11	13	12	0	0	14	0	0	0	0	0
November	4.0	NW.	30	SE.	0	2	4	9	2	7	9	5	19	3	6	17	7	5	5	0	0	14	0	0	0	0	0
December	7.0	SE.	36	SE.	0	2	8	14	17	5	7	2	5	2	5	8	18	25	25	0	1	1	0	0	1	2	0
Year	6.5	NW.	46	NW.	6	113	21	46	84	86	106	50	175	41	86	133	142	130	116	1	7	94	0	0	9	4	2

* Four days missing.

FORT SMITH, ARK.

[H = 492 ft.; h_t = 73 ft.; h_r = 65 ft.; h_a = 81 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.4	E.	28	W.	0	2	6	25	7	4	3	9	6	0	11	10	10	8	6	1	0	2	2	0	17	1	0
February	8.5	E.	36	W.	0	8	10	15	4	2	2	5	9	1	7	8	13	10	9	3	1	1	2	0	17	2	0
March	8.4	E.	42	S.	1	6	9	20	11	5	2	3	5	1	15	8	8	9	6	1	1	0	0	0	6	6	0
April	8.1	E.	48	E.	2	3	8	25	8	2	2	6	4	2	16	6	8	10	8	0	0	0	0	0	0	8	0
May	6.2	E.	30	N.	0	1	6	22	5	5	6	4	8	5	10	11	10	7	5	0	1	0	0	0	0	5	0
June	6.3	E.	38	NW.	0	0	9	20	6	15	3	5	1	1	16	12	2	6	3	0	0	0	0	13	0	6	0
July	5.5	E.	24	E.	0	2	8	31	4	9	6	0	1	1	14	11	6	6	4	0	0	0	0	24	0	7	0
August	4.8	E.	36	NE.	0	6	8	21	13	5	1	3	0	5	16	9	6	10	6	0	0	0	0	17	0	10	0
September	6.2	E.	30	N.	0	4	9	28	11	5	0	2	1	0	13	6	11	11	10	0	0	0	0	4	0	3	0
October	6.7	E.	30	W.	0	4	8	26	8	3	3	5	5	0	24	5	2	4	4	0	0	0	0	0	1	1	0
November	7.3	E.	25	NE.	0	7	4	24	7	5	2	0	10	1	20	4	6	3	3	0	0	1	0	0	9	1	0
December	6.4	E.	27	E.	0	5	9	21	2	5	6	3	8	3	14	7	10	8	5	1	0	0	2	0	12	0	0
Year	6.8	E.	48	E.	3	48	94	278	86	65	36	45	58	20	176	97	92	92	69	6	3	4	6	58	62	50	0

FRESNO, CAL.

[H = 338 ft.; h_t = 78 ft.; h_r = 66 ft.; h_a = 77 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	4.3	NW.	28	NW.	0	3	1	12	16	2	0	4	24	0	7	9	15	12	9	0	1	11	0	0	9	0	0
February	5.3	NW.	30	NW.	0	2	0	14	15	2	0	0	23	0	9	10	9	8	7	0	0	2	0	0	4	0	0
March	7.1	NW.	32	NW.	0	0	0	7	6	1	1	0	47	0	12	14	5	5	2	0	1	0	0	0	1	0	0
April	7.6	NW.	30	NW.	0	2	1	6	4	4	0	1	42	0	20	7	3	3	1	0	1	0	0	1	0	1	0
May	7.2	NW.	34	NW.	0	1	2	4	3	3	2	4	43	0	15	13	3	4	4	0	1	0	0	7	0	0	0
June	8.2	NW.	26	NW.	0	1	0	2	1	2	3	0	51	0	21	3	6	4	4	0	0	0	0	9	0	0	0
July	7.2	NW.	22	NW.	0	0	0	0	0	2	0	4	56	0	28	3	0	0	0	0	0	0	0	31	0	0	0
August	6.8	NW.	18	NW.	0	1	0	1	3	1	0	4	51	1	26	5	0	0	0	0	0	1	0	30	0	0	0
September	6.1	NW.	22	NW.	0	1	1	9	4	3	1	4	37	0	27	2	1	2	1	0	0	0	0	20	0	0	0
October	4.8	NW.	24	NW.	0	3	1	10	6	2	1	5	33	1	22	7	2	3	3	0	0	3	0	3	0	0	0
November	3.5	NW.	16	NW.	0	3	0	10	12	3	2	13	16	1	22	6	2	1	1	0	0	4	0	0	0	0	0
December	5.0	SE.	22	NW.	0	1	2	15	20	2	1	5	15	1	4	9	18	13	11	0	1	9	0	0	3	0	0
Year	6.1	NW.	34	NW.	0	18	8	90	90	27	11	44	438	4	213	88	64	55	43	0	5	30	0	101	17	2	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

GALVESTON, TEX.

[λ = 29° 18′ N.; φ = 94° 50′ W.; gravity corr., −0.04.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.11	30.44	29.76	56.2	59.3	62.9	53.1	58.0	72	24	51	53	83	81	.403	.432	2.41	.62	6.1	5.7	6.0
February	30.12	30.48	29.64	50.8	54.2	59.1	47.9	53.5	75	28	46	48	83	81	.339	.359	2.69	1.04	6.2	6.0	6.2
March	30.05	30.57	29.52	60.5	63.3	67.9	58.4	63.2	76	38	56	58	87	83	.490	.508	1.96	1.47	6.0	5.8	4.6
April	29.99	30.26	29.80	69.2	71.3	75.7	68.0	71.8	80	58	65	67	88	87	.633	.671	1.42	.68	6.6	6.4	4.2
May	29.96	30.18	29.80	74.8	76.9	80.7	73.2	77.0	88	62	66	66	76	69	.657	.638	1.00	.91	4.6	4.7	1.2
June	30.01	30.11	29.87	77.5	78.9	82.5	74.7	78.6	87	64	70	72	79	79	.751	.777	9.89	4.75	5.2	4.5	2.8
July	30.02	30.11	29.91	79.4	81.5	85.7	76.9	81.3	97	69	72	72	80	74	.801	.795	6.32	2.83	4.8	6.3	2.9
August	30.01	30.12	29.87	78.5	80.1	84.6	75.7	80.2	92	70	73	73	85	78	.819	.802	9.49	3.56	6.9	7.0	5.0
September	29.98	30.14	29.82	77.8	80.1	84.4	75.7	80.0	88	68	71	71	81	74	.772	.763	2.64	1.19	5.3	5.4	3.6
October	30.02	30.23	29.80	71.2	74.7	79.2	69.6	74.4	87	49	63	62	76	67	.603	.590	.51	.20	2.6	1.7	1.4
November	30.18	30.42	29.82	60.7	64.8	68.7	58.9	63.8	79	41	52	56	76	75	.419	.466	1.59	1.12	3.6	2.6	2.5
December	30.18	30.79	29.57	55.9	59.7	63.5	54.0	58.8	77	21	50	51	80	76	.398	.422	.72	.50	5.1	4.5	3.8
Year	30.05	30.79	29.52	67.7	70.4	74.6	65.5	70.0	97	21	61	62	81	77	.591	.602	40.64	4.75	5.2	5.0	3.7

GRAND HAVEN, MICH.

[λ = 43° 5′ N.; φ = 86° 13′ W.; gravity corr., 0.]

January	29.35	29.91	28.82	26.5	29.8	34.7	23.6	29.2	57	10	24	25	89	81	.131	.139	2.74	.91	7.7	6.8	8.1
February	29.38	30.16	28.50	20.3	25.0	29.8	16.7	23.2	45	−5	17	20	87	81	.097	.114	1.15	.51	6.4	5.7	6.6
March	29.29	29.70	28.87	35.9	39.3	45.2	31.6	38.4	70	11	31	34	82	80	.182	.211	3.40	1.05	6.5	5.5	6.5
April	29.32	29.64	28.83	43.6	46.2	54.1	38.2	46.2	83	23	36	40	76	80	.224	.260	2.57	.77	6.0	5.8	6.6
May	29.25	29.68	28.80	50.9	53.3	60.7	44.4	52.6	80	33	44	46	80	76	.302	.316	6.35	1.51	6.7	5.1	6.0
June	29.30	29.55	28.99	64.9	69.1	75.8	57.7	66.8	88	39	56	56	73	64	.468	.458	2.82	1.81	4.4	3.6	3.8
July	29.33	29.53	29.14	68.0	72.7	78.7	60.5	69.6	92	52	58	55	72	55	.490	.437	.57	.51	3.2	2.9	2.9
August	29.35	29.58	29.15	61.7	68.8	76.0	56.4	66.2	84	47	55	55	80	64	.444	.439	.68	.57	3.5	2.8	4.7
September	29.34	29.78	29.07	59.6	65.3	71.5	55.5	63.5	88	40	54	54	82	68	.434	.434	6.56	3.72	4.3	4.9	4.8
October	29.23	29.62	28.81	48.1	51.9	57.8	44.5	51.2	72	27	42	44	80	76	.273	.298	2.66	.79	5.8	5.7	6.3
November	29.34	29.98	28.74	33.1	35.7	40.7	29.3	35.0	60	16	27	30	77	78	.148	.165	1.86	.70	8.3	8.3	8.8
December	29.36	29.79	28.74	31.8	34.1	37.8	28.6	33.2	52	5	28	28	84	79	.159	.160	1.25	.27	7.3	7.4	7.1
Year	29.32	30.16	28.50	45.4	49.3	55.2	40.6	47.9	92	−5	39	41	80	74	.279	.286	32.61	3.72	5.8	5.4	6.0

GREEN BAY, WIS.

[λ = 44° 31′ N.; φ = 88° W.; gravity corr., 0.]

January	29.38	29.95	28.69	15.0	20.6	26.1	11.0	18.6	45	−16	10	16	79	80	.083	.102	1.98	1.16	7.5	5.8	7.5
February	29.40	30.18	28.50	12.0	19.8	26.0	7.8	16.9	45	−13	6	14	76	76	.064	.089	1.40	1.28	6.0	3.5	5.5
March	29.28	29.72	28.67	33.0	38.0	44.3	29.6	37.0	69	8	26	29	75	70	.155	.170	2.39	.64	7.5	7.4	7.7
April	29.34	29.67	28.70	43.4	47.9	54.4	38.3	46.4	79	23	35	37	72	67	.213	.231	2.75	.82	7.5	8.3	7.4
May	29.28	29.67	28.73	50.5	56.0	61.7	44.8	53.2	79	33	41	43	72	64	.269	.289	6.93	1.93	6.9	6.9	7.0
June	29.31	29.55	28.99	66.2	73.0	81.1	59.1	70.1	94	38	56	57	70	59	.466	.487	5.32	3.50	5.5	5.8	5.6
July	29.34	29.57	29.09	68.3	76.5	84.7	61.1	72.9	97	48	55	56	63	51	.434	.468	1.86	.92	4.4	6.3	5.9
August	29.38	29.64	29.13	62.2	70.7	78.8	57.3	68.0	93	46	52	53	71	55	.399	.411	1.34	.51	5.0	5.0	5.6
September	29.34	29.79	28.99	57.3	65.7	74.1	53.2	63.6	93	34	49	49	75	57	.370	.375	3.27	1.21	4.8	4.7	5.1
October	29.24	29.68	28.77	45.3	50.5	56.9	41.4	49.2	75	30	40	40	82	69	.257	.256	4.33	1.62	7.3	5.9	7.2
November	29.37	30.04	28.69	28.4	31.2	35.6	24.1	29.8	51	1	21	23	70	71	.117	.130	2.86	1.57	7.8	6.7	8.0
December	29.37	29.84	28.61	25.2	30.3	34.2	23.4	28.8	51	−6	19	23	74	72	.114	.131	1.46	.82	6.5	6.7	7.1
Year	29.34	30.18	28.50	42.2	48.4	54.8	37.6	46.2	97	−16	34	37	73	66	.245	.262	35.89	3.50	6.4	6.1	6.6

HANNIBAL, MO.

[λ = 39° 41′ N.; φ = 91° 20′ W.; gravity corr., −0.02.]

January	29.52	30.10	28.99	24.8	33.3	38.6	21.4	30.0	71	−14	19	24	78	69	.120	.148	2.29	1.88	5.3	3.8	4.9
February	29.56	30.20	28.76	21.9	30.0	34.7	19.4	27.0	54	4	17	21	80	69	.102	.121	2.51	1.06	5.8	3.9	5.1
March	29.44	30.01	29.05	40.8	52.0	57.1	37.8	47.4	81	12	34	34	79	52	.221	.224	1.77	1.16	5.1	4.4	5.2
April	29.41	29.77	29.08	49.1	59.0	64.6	45.4	55.0	87	32	42	42	77	55	.282	.282	1.74	.60	5.2	6.0	5.9
May	29.39	29.82	29.00	59.3	67.7	72.8	52.8	62.8	88	39	52	49	78	54	.406	.375	2.93	1.64	5.2	4.2	5.0
June	29.42	29.67	29.16	70.2	81.3	87.5	63.1	75.3	95	44	61	59	73	49	.551	.523	2.52	.83	3.5	3.5	3.8
July	29.47	29.63	29.31	71.0	83.3	89.6	64.4	77.0	100	51	60	56	69	41	.527	.455	1.07	.80	3.0	4.3	4.3
August	29.46	29.66	29.26	68.2	81.4	88.2	63.9	76.0	100	49	61	58	78	48	.538	.505	1.03	.42	2.8	2.9	4.0
September	29.46	29.87	29.14	61.6	71.5	78.5	58.9	68.7	95	44	57	58	84	64	.484	.508	2.40	1.26	4.3	4.1	4.3
October	29.38	29.74	29.01	49.1	59.7	67.8	46.3	57.0	82	28	42	42	79	53	.280	.277	1.22	.50	4.7	2.1	5.0
November	29.55	30.08	29.00	33.7	40.5	47.3	29.1	38.2	76	10	25	26	70	57	.141	.149	1.77	.93	4.8	4.3	5.9
December	29.57	30.07	29.00	31.2	37.2	42.8	28.5	35.6	66	0	25	27	79	68	.144	.159	1.34	.54	5.6	3.8	5.2
Year	29.47	30.20	28.76	48.4	58.1	64.1	44.2	54.2	100	−14	41	41	77	57	.316	.310	22.59	1.88	4.6	3.9	4.9

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

GALVESTON, TEX.

[H = 42 ft.; h_t = 85 ft.; h_r = 80 ft.; h_a = 96 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	10.8	S.	50	NW.	2	7	9	5	15	13	6	1	6	0	9	3	14	11	9	0	1	5	0	0	2	1	0
February	13.8	SE.	43	NW.	1	5	9	5	13	4	5	2	13	0	9	6	13	11	9	0	0	4	0	0	2	6	0
March	13.0	SE.	40	NW.	1	4	9	4	25	15	2	1	2	0	12	13	6	8	4	0	0	4	0	0	0	4	0
April	11.9	SE.	33	SE.	0	2	4	7	23	15	5	3	1	0	8	20	2	6	3	0	1	3	0	0	0	4	0
May	11.4	S.	44	SE.	1	5	3	0	19	23	8	1	3	0	29	2	0	2	2	0	0	0	0	0	0	1	0
June	10.8	S.	28	E.	0	2	1	7	22	21	5	2	0	0	21	3	6	10	9	0	0	0	0	0	0	7	0
July	9.7	S.	35	NW.	0	3	6	2	11	18	16	4	2	0	19	10	2	12	9	0	0	0	0	2	0	12	0
August	7.4	SW.	30	NW.	0	0	2	3	7	21	21	8	0	0	11	13	7	19	18	0	0	0	0	2	0	14	0
September	8.9	SE.	33	NE.	0	3	14	2	17	19	0	2	2	1	19	5	6	9	7	0	0	0	0	0	0	6	0
October	10.5	SE.	44	NW.	1	3	9	4	18	11	10	2	5	0	26	4	1	4	3	0	0	0	0	0	0	0	0
November	10.2	SE.	32	NW.	0	9	14	9	15	7	3	0	2	1	21	5	4	4	3	0	0	2	0	0	0	1	0
December	11.2	NE.	40	NW.	1	10	15	8	10	8	6	1	4	0	19	4	8	6	5	0	0	2	1	0	2	2	0
Year	10.8	SE.	50	NW.	7	53	95	56	195	175	87	27	40	2	203	93	69	102	81	0	2	20	1	4	6	58	0

GRAND HAVEN, MICH.

[H = 628 ft.; h_t = 55 ft.; h_r = 48 ft.; h_a = 64 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	12.4	SW.	38	NW.	0	4	9	8	10	2	12	10	7	0	1	8	22	16	10	9	0	4	13	0	22	0	0
February	13.4	SW.	40	W.	1	3	4	8	9	5	13	4	10	0	7	7	14	14	6	12	0	2	16	0	26	0	0
March	13.8	SW.	38	SW.	0	8	3	5	12	9	10	7	8	0	5	11	15	13	9	5	0	4	4	0	18	1	1
April	10.4	E.	34	SE.	0	6	4	21	6	1	9	6	7	0	5	10	15	11	5	1	0	0	0	0	7	2	0
May	10.6	SW.	30	SW.	0	9	6	12	2	7	11	9	6	0	8	11	12	16	16	1	0	1	0	0	0	7	0
June	7.8	SW.	30	SW.	0	5	3	5	2	10	14	14	7	0	16	11	3	5	5	0	1	0	0	0	0	3	0
July	8.5	SW.	27	SW.	0	7	6	6	6	5	16	3	11	2	18	12	1	3	2	0	0	0	0	2	0	0	0
August	7.5	NW.	37	NW.	0	9	6	10	9	2	10	4	11	1	10	17	4	4	3	0	0	2	0	0	0	2	0
September	9.4	SW.	38	W.	0	3	2	6	14	8	12	6	9	0	13	10	7	12	10	0	0	1	0	0	0	4	0
October	10.5	SE.	36	SW.	0	6	4	5	19	3	5	10	10	0	10	5	16	14	10	0	0	3	0	0	1	1	0
November	12.7	NW.	41	NW.	1	7	7	4	13	0	12	2	15	0	1	4	25	17	8	13	0	0	4	0	21	0	0
December	13.2	SW.	42	W.	1	4	5	4	8	5	15	9	12	0	5	8	18	13	8	4	0	0	9	0	19	0	0
Year	10.8	SW.	42	W.	3	71	59	94	110	57	139	84	113	3	99	114	152	138	92	45	1	17	46	2	114	20	1

GREEN BAY, WIS.

[H = 617 ft.; h_t = 40 ft.; h_r = 41 ft.; h_a = 57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.4	SW.	30	SW.	0	11	5	2	2	13	17	4	8	0	4	7	20	13	8	11	0	1	19	0	27	0	0
February	10.2	SW.	42	N.	1	10	3	0	2	14	18	6	3	0	8	13	7	5	3	5	0	1	21	0	28	0	3
March	10.9	S.	45	W.	1	10	6	2	4	15	8	12	5	0	1	11	19	13	12	2	0	1	4	0	18	2	2
April	9.0	NE.	40	SW.	1	10	11	10	10	8	5	2	4	0	2	11	17	13	11	2	0	0	0	0	5	2	0
May	11.9	N.	48	N.	2	23	4	6	6	9	9	3	2	0	5	12	14	15	15	0	0	2	0	0	0	9	0
June	7.7	S.	31	N.	0	9	2	3	4	24	13	1	3	1	9	14	7	8	7	0	0	0	0	4	0	6	0
July	7.4	SW.	32	SW.	0	11	2	2	10	14	19	1	2	1	6	22	3	7	6	0	0	0	0	8	0	7	0
August	7.2	SE.	30	NE.	0	11	8	4	12	11	9	0	6	1	5	20	6	7	6	0	1	0	0	2	0	3	0
September	7.8	S.	32	SW.	0	2	4	1	7	22	11	7	5	1	9	15	6	9	9	0	0	1	0	2	0	3	0
October	8.4	S.	34	NW.	0	8	0	0	14	16	11	3	10	0	6	5	20	11	11	1	0	1	0	0	2	2	0
November	9.6	NW.	34	W.	0	4	2	1	7	13	7	10	16	0	3	8	19	11	9	8	0	0	8	0	23	0	0
December	10.1	SW.	34	W.	0	5	2	0	2	17	20	8	8	0	6	8	17	6	5	1	0	0	12	0	24	0	0
Year	9.0	S.	48	N.	5	114	49	31	80	176	147	57	72	4	64	146	155	118	102	30	1	7	64	16	127	34	5

HANNIBAL, MO.

[H = 534 ft.; h_t = 75 ft.; h_r = 68 ft.; h_a = 107 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.2	S.	29	W.	0	10	6	5	6	10	9	8	8	0	13	8	10	6	3	2	0	2	10	0	24	0	0
February	10.6	W.	42	SW.	1	10	9	1	2	9	6	11	8	0	13	5	10	8	4	5	0	0	14	0	22	1	0
March	12.7	SW.	48	S.	1	8	1	8	7	6	16	9	7	0	11	10	10	5	5	0	0	1	2	0	12	2	0
April	11.2	E.	38	W.	0	1	3	13	9	6	8	10	10	0	8	10	12	10	9	0	0	0	0	0	1	5	0
May	8.8	N.	44	E.	2	10	8	7	7	8	7	9	6	0	13	10	8	9	6	0	0	0	0	6	0	4	0
June	8.0	SW.	48	W.	1	4	4	3	9	12	15	10	3	0	16	11	3	8	7	0	1	0	0	15	0	11	0
July	7.4	SW.	29	S.	0	10	4	6	7	6	16	5	8	0	14	14	3	4	3	0	0	0	0	15	0	5	1
August	6.1	E.	38	NW.	0	10	4	13	2	9	10	3	10	1	15	13	3	7	6	0	0	1	0	12	0	6	0
September	8.1	SE.	26	SE.	0	9	3	2	16	9	12	7	2	0	13	10	7	13	9	0	0	1	0	4	0	6	0
October	10.2	W.	32	W.	0	1	1	6	10	10	14	16	4	0	13	8	10	7	5	0	0	0	0	0	2	9	0
November	10.6	W.	38	SW.	0	9	2	5	2	5	13	16	8	0	10	8	12	8	6	0	0	1	4	0	17	2	0
December	10.5	W.	39	W.	0	11	3	3	1	10	12	16	4	2	11	11	9	8	5	1	0	0	5	0	18	0	0
Year	9.4	SW.	48	SW.	5	93	48	72	78	100	138	120	78	3	150	118	97	93	68	8	1	6	35	46	96	42	1

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

HARRISBURG, PA.

[λ=40° 16′ N.; φ=76° 52′ W.; gravity corr., − 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.77	30.21	29.07	30.3	35.5	39.6	27.2	33.4	54	15	26	31	84	83	.146	.177	1.77	.90	5.7	4.5	5.2
February	29.74	30.39	29.18	26.3	30.4	34.8	22.5	28.6	51	3	22	25	85	80	.126	.140	4.56	.81	7.3	5.6	6.4
March	29.71	30.17	29.21	39.6	47.1	52.7	35.5	44.1	75	19	32	37	76	69	.196	.235	1.30	.74	5.3	3.6	4.5
April	29.65	30.03	29.22	46.6	52.2	58.1	41.4	49.8	76	27	37	40	71	67	.234	.267	2.27	1.08	5.1	5.4	5.3
May	29.55	30.05	29.16	58.9	64.4	70.9	53.9	62.4	84	42	50	54	76	72	.383	.425	6.07	1.55	5.9	5.5	5.7
June	29.61	29.92	29.24	67.0	72.7	81.3	61.1	71.2	95	47	60	62	78	70	.531	.577	3.25	1.31	3.6	5.5	4.6
July	29.62	29.82	29.34	72.2	77.5	85.6	66.5	76.0	96	52	62	63	72	63	.576	.583	1.89	.86	3.1	5.1	4.1
August	29.63	29.82	29.45	66.7	73.0	80.2	62.5	71.4	90	54	60	62	80	70	.527	.572	4.08	2.51	4.9	6.0	5.5
September	29.71	30.12	29.31	63.9	68.9	75.9	60.6	68.2	88	40	59	63	86	82	.530	.583	5.53	2.14	5.0	6.3	5.7
October	29.61	29.96	29.21	50.9	55.9	63.1	47.8	55.4	81	36	46	48	86	76	.325	.345	4.60	1.50	5.7	5.1	5.4
November	29.72	30.33	29.32	37.0	41.4	46.0	33.9	40.0	67	23	31	34	78	75	.179	.200	1.90	.95	5.1	4.7	5.0
December	29.75	30.06	29.04	30.7	35.1	40.0	28.7	34.4	55	4	26	30	85	80	.149	.171	3.34	.79	5.2	4.5	4.8
Year	29.67	30.39	29.04	49.2	54.5	60.7	45.1	52.9	96	3	43	46	80	74	.325	.356	40.56	2.51	5.2	5.2	5.2

HATTERAS, N. C.

[λ=35° 15′ N.; φ=75° 40′ W.; gravity corr., − 0.03.]

January	30.18	30.52	29.56	47.9	49.2	53.4	44.0	48.7	65	36	44	44	85	84	.294	.303	4.45	.92	7.5	5.8	7.0
February	30.15	30.66	29.53	48.0	49.4	54.1	42.6	48.4	66	30	42	45	81	85	.292	.317	4.97	1.72	6.7	7.4	6.8
March	30.15	30.63	29.78	54.2	55.1	61.3	49.8	55.6	75	31	50	51	85	86	.384	.396	3.12	1.72	5.4	3.1	4.8
April	30.09	30.41	29.60	58.1	57.5	63.1	52.4	57.8	72	40	49	50	73	77	.365	.378	1.32	.56	4.4	3.8	5.1
May	29.99	30.38	29.57	70.2	69.6	74.9	65.7	70.3	80	59	63	63	78	81	.587	.591	4.52	1.55	4.5	4.0	4.8
June	30.09	30.28	29.83	74.2	73.6	78.7	69.9	74.3	84	58	67	68	79	82	.679	.692	1.38	.77	4.2	3.8	3.9
July	30.08	30.26	29.83	78.3	76.8	81.7	73.4	77.6	86	68	72	72	81	84	.780	.780	9.65	5.16	5.8	5.5	5.3
August	30.03	30.19	29.90	77.1	76.1	81.5	72.5	77.0	86	67	71	71	83	84	.771	.761	7.35	2.52	5.5	5.1	5.5
September	30.05	30.39	29.60	76.4	75.0	80.3	72.1	76.2	85	67	70	71	82	86	.747	.752	7.73	5.16	5.3	4.9	5.3
October	30.02	30.35	29.33	64.4	65.2	69.2	60.5	64.8	79	50	58	59	81	80	.500	.517	5.77	2.32	5.4	2.7	4.2
November	30.18	30.64	29.74	53.6	54.7	58.8	49.2	54.0	71	39	47	47	80	76	.347	.343	3.02	1.50	4.1	2.7	4.6
December	30.16	30.41	29.77	48.7	50.3	54.7	45.5	50.1	73	17	44	46	84	86	.304	.333	4.57	1.44	5.7	4.7	5.3
Year	30.10	30.66	29.33	62.6	62.7	67.6	58.1	62.9	86	17	56	57	81	83	.504	.514	57.85	5.16	5.4	4.5	5.2

HAVRE, MONT.

[λ=48° 34′ N.; φ=109° 40′ W.; gravity corr., + 0.01.]

January	27.27	28.08	26.79	8.9	13.2	21.0	1.5	11.2	54	−26	4	7	82	77	.071	.076	.99	.33	4.9	5.2	6.2
February	27.32	27.84	26.80	10.6	19.0	25.5	5.0	15.2	49	−19	6	11	81	70	.068	.080	.14	.06	2.7	4.5	4.7
March	27.27	28.00	26.75	21.1	33.1	38.5	17.2	27.8	62	−17	15	19	77	57	.092	.106	.64	.32	5.1	5.7	5.6
April	27.27	27.63	26.73	36.8	54.9	58.4	34.2	46.3	78	20	30	28	76	40	.168	.162	2.23	.93	5.9	6.0	5.7
May	27.27	a27.63	26.88	46.7	64.4	68.3	42.8	55.6	86	28	39	37	74	40	.244	.234	2.33	.98	5.0	6.2	5.5
June	27.24	27.48	26.98	54.6	70.1	73.5	50.6	62.0	88	40	45	46	72	45	.303	.312	2.83	1.09	4.5	6.3	5.5
July	27.38	27.65	27.13	57.5	84.0	86.7	52.4	69.6	97	42	43	40	59	23	.282	.257	.38	.31	2.5	3.5	2.9
August	27.39	27.67	27.03	55.4	82.7	86.5	52.8	69.6	99	43	42	43	63	29	.267	.294	.48	.26	2.9	2.9	3.0
September	27.29	27.78	26.89	44.0	62.3	67.9	41.8	54.8	84	26	36	36	75	41	.215	.220	1.70	.62	5.5	5.1	4.8
October	27.25	27.67	26.87	37.2	48.6	56.5	33.5	45.0	78	21	30	32	75	57	.164	.188	1.73	.82	4.9	5.4	4.9
November	27.37	27.82	a26.79	28.0	35.4	43.9	21.6	32.8	72	− 2	21	21	78	59	.115	.118	.57	.30	5.4	6.1	5.6
December	27.33	28.09	a26.64	18.5	25.1	32.7	14.0	23.4	55	− 9	14	16	84	71	.088	.093	.47	.23	4.3	4.1	5.0
Year	27.30	28.09	26.64	34.9	49.4	55.0	30.6	42.8	99	−26	27	28	75	51	.173	.178	14.49	1.09	4.5	5.1	5.0

a From special observation.

HELENA, MONT.

[λ=46° 34′ N.; φ=112° 4′ W.; gravity corr., + 0.01.]

January	25.68	26.29	25.27	18.1	20.0	26.3	11.1	18.7	52	−26	10	12	71	72	.079	.083	1.04	.59	6.6	6.5	6.3
February	25.78	26.31	25.31	11.6	19.5	24.4	8.2	16.3	48	−15	5	10	73	65	.061	.074	.47	.36	6.0	5.1	5.2
March	25.72	26.23	25.27	25.9	33.6	39.2	22.5	30.8	62	6	16	21	67	60	.092	.112	.80	.25	6.6	7.5	7.1
April	25.80	26.15	25.45	38.0	49.9	54.5	35.9	45.2	72	20	26	25	60	39	.140	.135	.82	.45	5.9	5.0	5.1
May	25.78	26.04	25.46	40.3	61.8	65.5	44.0	54.8	81	31	33	33	62	38	.201	.204	1.66	.64	4.1	5.7	4.3
June	25.78	26.02	25.55	51.1	63.4	69.1	49.0	59.0	88	39	40	43	66	50	.248	.284	2.09	.78	6.2	8.1	5.5
July	25.94	26.14	25.76	58.0	78.1	81.7	56.3	69.0	94	46	40	37	54	26	.257	.233	.82	.13	3.1	4.5	3.1
August	25.92	26.13	25.68	58.6	78.4	82.8	57.9	70.4	95	48	38	35	50	26	.238	.217	.40	.14	2.7	5.1	3.3
September	25.82	26.18	25.37	45.4	59.0	64.1	43.8	54.0	80	31	34	33	66	40	.201	.188	1.42	.80	5.7	5.9	4.9
October	25.79	26.16	25.39	39.9	50.2	56.0	37.5	46.8	74	16	26	30	58	47	.143	.167	.68	.27	5.5	5.0	5.1
November	25.89	26.23	25.44	37.3	44.1	49.3	32.6	41.0	71	9	23	27	58	52	.127	.150	.24	.20	5.7	5.4	5.5
December	25.84	26.40	25.18	19.6	26.6	32.0	16.3	24.2	51	−12	11	15	68	62	.077	.091	.63	.38	4.4	3.5	5.1
Year	25.81	26.40	25.18	37.5	48.7	53.7	34.6	44.2	95	−26	25	27	63	48	.155	.162	11.17	.80	5.2	5.6	5.0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

HARRISBURG, PA.

[H = 377 ft.; h_t = 94 ft.; h_r = 87 ft.; h_a = 102 ft.]

Month.	Wind. By self registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	7.2	E.	47	NW.	1	3	5	15	9	4	5	9	11	1	8	14	9	12	9	3	0	3	4	0	21	0	0
February	8.4	E.	40	NW.	2	4	8	18	3	2	3	8	10	0	6	8	14	13	11	8	0	0	8	0	21	0	1
March	7.5	W.	36	NW.	0	7	5	9	9	3	6	12	10	1	13	9	9	8	7	0	0	1	2	0	9	2	1
April	8.1	N.	30	W.	0	13	6	7	4	6	4	11	9	0	12	5	13	11	7	3	0	0	0	0	4	2	0
May	7.4	E.	39	SW.	0	7	3	13	10	7	5	9	8	0	11	7	13	19	14	0	0	0	0	0	0	6	0
June	5.5	W.	43	SW.	1	5	3	6	3	6	8	18	10	1	10	13	7	12	9	0	0	0	0	5	0	8	0
July	5.9	W.	33	W.	0	6	2	14	1	11	8	15	5	0	17	9	5	6	6	0	0	0	0	10	0	3	0
August	4.6	N.	28	W.	0	15	5	9	9	11	2	7	4	0	9	12	10	8	7	0	1	2	0	0	0	4	0
September	5.6	E.	35	W.	0	7	7	20	5	8	3	5	4	1	11	8	11	9	8	0	0	4	0	0	0	5	0
October	7.2	W.	36	W.	0	5	1	16	5	5	4	16	9	1	10	11	10	9	7	0	0	3	0	0	0	1	0
November	8.4	W.	36	W.	0	2	2	13	4	8	3	20	7	1	10	10	10	7	5	1	0	0	1	0	9	0	0
December	7.6	W.	36	NW.	0	7	8	12	3	4	4	12	11	1	9	13	9	13	10	4	0	2	6	0	17	0	0
Year	7.0	E.	47	NW.	4	81	55	152	65	75	55	142	98	7	126	119	120	128	100	19	1	15	21	15	81	31	2

HATTERAS, N. C.

[H = 11 ft.; h_t = 17 ft.; h_r = 2 ft.; h_a = 36 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	15.6	N.	50	W.	2	22	8	1	2	5	11	5	8	0	3	12	16	13	12	0	0	0	0	0	0	0	0
February	17.2	N.	45	NW.	6	15	7	1	4	6	10	3	10	0	3	13	12	12	9	0	0	1	0	0	0	0	0
March	13.6	SW.	52	NW.	3	12	13	3	3	5	13	6	7	0	13	10	8	9	7	0	0	3	0	0	1	4	1
April	14.8	SW.	40	NW.	2	4	14	5	7	5	14	3	8	0	8	18	4	11	8	0	0	0	0	0	0	3	0
May	12.4	SW.	43	N.	1	1	7	7	3	11	20	10	3	0	9	17	5	8	8	0	0	0	0	0	0	9	0
June	12.9	SW.	39	N.	0	5	3	3	3	14	25	6	1	0	15	12	3	6	5	0	0	0	0	0	0	1	0
July	11.2	SW.	41	NW.	1	1	7	5	5	8	25	9	2	0	8	14	9	12	10	0	0	0	0	0	0	2	0
August	9.0	NE.	36	W.	0	11	14	7	4	6	12	2	6	0	7	16	8	15	12	0	0	0	0	0	0	5	0
September	11.3	NE.	36	E.	0	4	18	10	10	4	7	5	2	0	14	6	10	10	10	0	0	0	0	0	0	0	0
October	13.6	N.	60	SW.	3	15	9	10	1	10	5	6	6	0	15	11	5	10	8	0	0	0	0	0	0	1	0
November	13.9	NW.	47	NW.	1	12	4	2	3	6	10	6	17	0	13	10	7	6	5	0	0	3	0	0	0	0	0
December	15.5	N.	54	NW.	4	27	4	2	1	4	9	9	6	0	9	14	8	10	10	2	0	2	1	0	3	1	0
Year	13.4	SW.	60	SW.	23	129	108	56	46	84	161	70	76	0	117	153	95	122	104	2	0	9	1	0	8	26	1

HAVRE, MONT.

[H = 2,477 ft.; h_t = 15 ft.; h_r = 2 ft.; h_a = 33 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.8	SW.	50	SW.	3	3	12	1	1	0	16	18	11	0	5	17	9	13	8	12	0	2	19	0	27	0	2
February	12.0	SW.	38	SW.	0	2	4	0	3	1	22	13	10	1	9	14	5	6	1	6	0	0	17	0	26	0	3
March	10.4	SW.	53	NW.	1	10	6	3	1	0	22	12	7	1	7	18	6	6	2	3	0	0	10	0	28	0	1
April	10.6	SW.	44	NW.	2	5	4	4	4	0	9	14	19	1	6	18	6	10	6	3	0	0	0	0	14	1	5
May	10.1	E.	44	W.	1	3	7	12	10	1	7	10	12	0	10	12	9	7	5	0	0	0	0	0	3	5	2
June	9.4	SW.	36	NW.	0	5	2	4	4	6	12	12	13	2	8	14	8	12	11	0	0	0	0	0	0	6	1
July	6.9	NW.	44	NW.	1	0	7	6	1	3	8	15	21	1	21	10	0	5	2	0	0	0	0	11	0	4	4
August	6.2	SW.	41	SW.	1	5	8	5	6	5	9	7	15	2	18	12	1	5	5	0	0	0	0	11	0	4	1
September	9.8	W.	44	NE.	1	3	1	3	1	3	12	21	15	1	9	16	5	8	8	1	1	0	0	0	2	4	3
October	9.6	W.	36	W.	0	5	3	1	4	1	16	24	6	2	11	13	7	9	6	1	0	1	0	0	11	0	4
November	10.6	W.	40	W.	1	5	5	6	0	1	13	19	10	1	7	16	7	6	4	4	0	0	6	0	26	0	0
December	8.7	W.	38	SW.	0	4	10	4	0	1	14	19	9	1	13	8	10	4	2	3	0	1	14	0	29	0	0
Year	9.6	SW.	53	NW.	11	50	69	49	35	22	160	184	148	13	124	168	73	91	60	33	1	4	66	22	166	24	26

HELENA, MONT.

[H = 4,108 ft.; h_t = 88 ft.; h_r = 80 ft.; h_a = 93 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.5	SW.	45	SW.	2	7	0	1	0	2	27	20	2	3	9	7	15	15	10	14	0	0	17	0	28	0	1
February	6.9	SW.	36	W.	0	0	1	3	1	2	28	15	4	2	11	6	11	7	1	7	0	0	17	0	27	0	3
March	9.3	SW.	46	SW.	2	6	1	1	0	2	37	12	3	0	5	4	22	12	4	8	0	0	5	0	27	0	1
April	9.8	S.	42	SW.	1	0	0	0	11	17	26	3	3	0	7	16	7	10	6	2	0	0	0	0	7	1	0
May	8.9	SW.	34	SW.	0	3	8	3	0	0	33	9	6	0	14	11	6	12	7	1	0	0	0	0	1	5	1
June	7.9	SW.	35	SW.	0	3	0	5	2	2	29	15	4	0	9	14	7	19	11	0	1	0	0	0	0	5	0
July	7.4	SW.	36	W.	0	2	9	2	1	2	28	16	2	0	22	4	5	6	3	0	0	0	0	2	0	2	0
August	6.8	SW.	36	SW.	0	5	3	3	2	1	32	9	7	0	19	8	4	7	4	0	0	0	0	5	0	8	2
September	8.0	SW.	45	SW.	2	4	1	2	0	2	24	19	7	1	13	6	11	13	7	0	1	0	0	0	1	1	0
October	8.6	SW.	40	W.	1	3	1	0	2	3	32	15	6	0	10	11	10	4	4	1	0	0	0	0	5	2	0
November	8.5	SW.	52	W.	3	5	2	0	0	0	34	14	5	0	9	12	9	3	1	1	0	0	2	0	13	0	0
December	5.3	SW.	36	SW.	0	5	2	0	0	0	27	15	11	2	13	9	9	6	6	5	0	0	11	0	30	0	1
Year	7.8	SW.	52	W.	11	43	28	20	19	33	357	162	60	8	141	108	116	114	64	39	2	0	52	7	139	24	9

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

HURON, S. DAK.

[λ=44° 21′ N.; φ=98° 14′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	28.64	29.27	28.15	—0.2	6.5	13.9	—6.1	3.9	42	—35	—3	4	87	89	.047	.063	.71	.28	4.4	4.1	5.4
February	28.66	29.32	27.94	3.5	14.0	21.7	—0.6	10.6	44	—18	0	10	84	85	.050	.079	.24	.23	3.5	3.7	3.6
March	28.52	29.25	28.01	25.5	36.8	45.7	21.9	33.8	79	— 6	21	26	81	68	.121	.150	1.18	.68	5.6	5.0	6.2
April	28.51	28.89	28.03	40.6	52.6	60.2	36.2	48.2	85	22	36	38	85	61	.226	.241	2.84	.78	6.6	6.1	6.4
May	28.53	28.95	27.91	52.3	67.5	74.7	44.2	59.4	96	33	43	40	70	39	.290	.262	.43	.26	4.3	4.3	4.1
June	28.49	28.84	27.90	62.9	78.7	86.1	54.6	70.4	98	31	53	52	72	41	.419	.399	2.23	.72	3.9	4.7	4.3
July	28.59	28.87	28.16	65.2	87.1	92.8	58.4	75.6	108	47	53	48	65	28	.410	.349	.23	.12	4.7	4.4	3.8
August	28.62	28.87	28.36	61.4	81.1	88.8	56.8	72.8	99	44	52	50	72	37	.398	.381	.61	.48	3.8	4.4	3.8
September	28.53	29.08	28.10	51.1	68.3	78.9	47.9	63.4	98	30	43	43	75	43	.297	.289	2.42	1.38	3.8	4.1	4.1
October	28.47	28.94	27.89	38.2	50.5	61.7	35.1	48.4	82	25	32	37	80	62	.188	.223	2.22	.72	4.7	3.9	4.6
November	28.67	29.18	27.97	24.3	30.8	41.6	19.3	30.4	61	2	20	21	81	66	.115	.119	.35	.10	7.4	4.2	6.1
December	28.65	29.51	27.98	19.1	27.0	39.3	14.1	26.7	65	—18	16	18	86	67	.098	.107	.10	.08	4.8	3.3	4.1
Year	28.57	29.51	27.89	37.0	50.1	58.8	31.8	45.3	108	—35	30	32	78	57	.222	.222	13.56	1.38	4.8	4.4	4.7

IDAHO FALLS, IDAHO.

[λ=43° 29′ N.; φ=112° 4′ W.; gravity corr., 0.]

January	25.17	25.53	24.77	20.6	25.5	28.0	15.6	21.8	43	—10	18	20	88	79	.102	.111	1.81	.28	8.1	8.4	9.0
February	25.23	25.64	24.78	4.0	18.2	22.6	—2.0	10.3	35	—28	1	13	85	79	.053	.082	1.16	.42	5.5	6.7	6.9
March	25.15	25.64	24.73	28.8	36.8	40.0	24.9	32.4	57	0	24	26	81	68	.132	.146	2.24	.79	7.4	8.9	8.4
April	25.21	25.53	24.79	34.4	51.1	54.4	31.1	42.8	70	20	29	26	82	41	.162	.146	1.55	.72	5.2	7.2	7.0
May	25.16	25.40	24.80	44.9	65.8	68.8	41.0	54.9	83	22	36	28	74	27	.220	.163	1.34	.63	6.3	7.5	6.3
June	25.16	25.36	24.94	48.9	66.5	71.9	44.5	58.2	86	34	41	37	76	40	.263	.227	2.27	.61	5.3	7.4	5.9
July	25.32	25.48	25.15	54.7	82.8	85.7	50.7	68.2	96	38	44	36	69	21	.297	.230	.07	.04	4.0	5.4	4.7
August	25.30	25.42	25.13	53.2	81.9	87.9	50.3	69.1	95	42	43	36	69	22	.278	.210	.58	.28	2.6	6.1	5.5
September	25.22	25.49	24.86	43.6	64.4	68.9	40.9	54.9	81	23	35	30	73	29	.206	.169	1.13	.42	3.8	5.0	5.0
October	25.25	25.55	24.87	34.2	52.9	59.0	32.2	45.6	75	18	28	29	78	43	.154	.161	1.28	.37	4.4	5.2	5.5
November	25.38	25.67	24.89	29.2	42.4	51.1	25.0	38.0	61	2	22	26	75	54	.120	.144	.03	.03	4.7	5.1	4.7
December	25.29	25.67	24.67	13.2	22.7	29.5	8.3	18.9	45	—15	9	18	82	82	.070	.103	1.16	.37	4.1	5.4	5.5
Year	25.24	25.67	24.67	34.1	50.9	55.6	30.2	42.9	96	—28	28	27	78	49	.171	.158	14.62	.79	5.1	6.5	6.2

INDIANAPOLIS, IND.

[λ=39° 46′ N.; φ=86° 10′ W.; gravity corr., —0.01.]

January	29.29	29.76	28.78	30.8	36.2	42.1	27.0	34.6	60	— 7	26	26	80	65	.150	.153	1.43	.42	6.0	5.0	6.1
February	29.30	29.96	28.62	24.6	31.3	36.9	21.8	29.4	66	5	18	22	76	69	.109	.127	4.90	2.69	6.4	5.0	6.1
March	29.24	29.67	28.91	41.7	50.1	56.0	38.7	47.4	80	12	34	36	74	59	.218	.229	2.82	.95	5.3	3.5	6.2
April	29.21	29.53	28.85	48.7	57.0	63.6	44.5	54.0	86	31	39	40	70	55	.254	.260	2.72	.89	4.7	6.3	5.2
May	29.15	29.60	28.78	58.3	63.5	71.4	52.0	61.7	89	35	49	52	73	66	.364	.396	4.52	.95	5.0	6.1	6.8
June	29.22	29.48	28.94	70.6	77.8	86.5	62.8	74.6	96	39	59	62	68	60	.518	.564	3.76	1.30	4.4	4.2	4.4
July	29.24	29.41	29.08	71.6	80.4	87.9	64.9	76.4	97	54	59	56	67	46	.514	.464	1.35	.78	3.8	4.7	4.5
August	29.23	29.44	29.04	67.3	78.7	86.8	62.8	74.8	99	50	57	58	71	[illegible]	.480	.485	1.66	.93	2.6	3.6	4.8
September	29.25	29.63	29.04	63.3	72.0	80.3	59.2	69.8	95	40	56	57	77	60	.470	.488	1.82	.53	4.1	2.9	5.1
October	29.18	29.49	28.84	49.6	58.0	65.4	46.4	55.9	83	33	42	42	74	57	.271	.275	2.51	1.87	5.2	3.4	5.5
November	29.29	29.81	28.88	33.9	40.7	46.9	31.3	39.1	69	18	29	32	83	71	.163	.184	1.55	.53	5.3	4.4	6.3
December	29.30	29.66	28.55	32.8	36.5	42.2	29.4	35.8	61	2	27	28	80	72	.160	.164	2.09	.66	7.3	4.6	5.7
Year	29.24	29.96	28.55	49.4	56.8	63.8	45.1	54.5	99	— 7	41	43	74	61	.306	.316	31.13	2.69	5.0	4.5	5.6

JACKSONVILLE, FLA.

[λ=30° 20′ N.; φ=81° 39′ W.; gravity corr., —0.04.]

January	30.16	30.38	29.88	52.7	58.4	67.4	49.8	58.6	79	36	49	52	89	80	.366	.395	2.29	1.28	6.0	4.8	6.7
February	30.14	30.50	29.78	53.7	59.6	67.4	50.2	58.8	80	33	49	51	84	75	.375	.400	3.44	1.31	6.2	4.5	7.0
March	30.14	30.47	29.78	59.9	65.0	75.6	56.3	66.0	87	32	54	55	82	70	.447	.448	2.12	1.34	5.0	3.6	5.0
April	30.06	30.26	29.74	65.1	68.2	78.5	58.6	68.6	85	48	56	55	72	65	.461	.451	.83	.57	3.7	2.9	4.5
May	29.97	30.23	29.61	72.0	73.5	85.3	65.3	75.3	95	46	62	62	71	69	.567	.575	1.49	.34	2.8	3.6	4.5
June	30.06	30.20	29.85	76.0	76.3	87.0	68.9	78.0	92	62	67	68	75	75	.676	.677	4.93	1.40	4.4	5.3	5.9
July	30.04	30.20	29.87	78.6	78.3	89.0	72.0	80.5	93	68	72	72	81	80	.782	.773	7.10	2.09	5.8	7.6	7.5
August	30.01	30.10	29.92	78.0	78.9	92.0	72.3	82.2	96	68	72	72	82	80	.785	.783	9.24	1.92	4.5	6.9	6.2
September	29.97	30.20	29.26	76.1	76.9	86.7	70.6	78.6	96	62	70	70	83	81	.750	.747	16.63	9.86	5.6	4.8	6.0
October	29.96	30.18	29.29	67.1	70.2	79.7	63.3	71.5	90	52	61	62	81	75	.556	.567	3.24	2.63	3.8	3.1	4.2
November	30.17	30.42	29.92	55.7	61.2	70.1	52.7	61.4	82	33	50	53	81	76	.389	.428	3.72	2.81	3.2	3.7	4.3
December	30.15	30.61	29.79	51.0	57.2	66.8	48.6	57.7	80	14	46	48	83	72	.343	.377	.81	.34	4.1	3.0	4.9
Year	30.07	30.61	29.26	65.5	68.6	78.8	60.7	69.8	96	14	59	60	80	75	.541	.552	56.84	9.86	4.6	4.5	5.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

HURON, S. DAK.

[H = 1,310 ft.; h_t = 63 ft.; h_r = 56 ft.; h_a = 72 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	11.2	NW.	37	NW.	0	7	2	0	19	2	1	2	28	1	9	12	10	9	5	9	0	0	24	0	31	0	2
February	14.0	NW.	48	SE.	1	1	1	0	22	3	3	6	20	0	17	6	5	2	1	2	0	0	21	0	28	0	1
March	15.7	NW.	58	SE.	4	8	2	1	15	4	1	8	23	0	8	12	11	7	6	5	1	0	7	0	25	1	0
April	16.7	SE.	64	NW.	8	11	3	4	21	6	0	2	12	1	5	10	15	13	9	5	1	2	0	0	13	2	0
May	14.4	SE.	63	S.	8	11	10	3	15	4	3	4	9	3	12	15	4	6	2	0	0	0	0	3	0	3	2
June	16.0	SE.	69	SE.	10	6	5	0	26	9	4	4	6	0	13	10	7	10	7	0	2	0	0	8	1	7	2
July	11.8	SE.	60	SW.	4	9	2	1	21	5	5	1	15	3	14	16	1	6	3	0	0	0	0	17	0	7	2
August	12.0	SE.	52	S.	2	13	8	5	17	9	0	0	9	1	17	8	6	6	3	0	0	0	0	12	0	4	0
September	15.3	SE.	62	SE.	5	7	0	0	25	7	3	5	12	1	16	9	5	7	4	0	1	0	0	6	3	3	2
October	16.2	SE.	48	SE.	8	3	4	2	15	3	3	13	19	0	13	10	8	10	9	2	0	0	0	0	7	1	6
November	15.2	NW.	50	SE.	8	5	1	0	15	9	3	7	20	0	7	11	12	7	4	4	0	0	6	0	26	0	2
December	13.0	NW.	58	SW.	2	4	2	0	14	7	5	11	18	1	16	8	7	2	1	2	0	1	7	0	31	0	0
Year	14.3	SE.	69	SE.	60	85	40	16	225	68	31	63	191	11	147	127	91	85	54	29	5	3	65	46	165	28	19

IDAHO FALLS, IDAHO.

[H = 4,742 ft.; h_t = 10 ft.; h_r = 1 ft.; h_a = 45 ft.

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.5	S.	36	S.	0	5	1	1	6	22	13	0	14	0	0	6	25	16	16	15	0	0	19	0	29	0	0
February	7.9	NW.	44	SE.	1	8	5	3	6	6	5	0	23	0	9	5	14	12	7	11	0	0	24	0	28	0	2
March	11.9	S.	40	SW.	1	1	2	1	16	20	12	0	10	0	1	7	23	18	13	11	0	0	7	0	23	2	0
April	10.1	S.	36	SW.	0	1	5	2	11	23	12	0	6	0	6	9	15	11	9	8	1	0	0	0	16	1	0
May	9.6	SW.	36	SW.	0	9	4	3	4	17	17	0	8	0	3	17	11	7	5	3	0	0	0	0	3	0	0
June	8.7	S.	30	SW.	0	9	3	2	5	18	17	1	4	1	4	15	11	14	13	0	0	0	0	0	0	3	0
July	6.9	NW.	36	SW.	0	7	4	2	8	13	12	0	15	1	11	16	4	3	1	0	0	0	0	8	0	0	0
August	7.7	NW.	38	E.	0	1	4	3	8	4	14	4	24	0	4	16	11	8	6	0	0	0	0	12	0	5	2
September	9.6	SW.	34	SW.	0	4	1	1	7	18	18	1	10	0	12	7	11	5	5	0	1	0	0	0	3	1	0
October	8.8	S.	36	SW.	0	4	1	3	7	19	13	4	11	0	11	6	14	8	6	1	0	0	0	0	16	1	0
November	7.6	S.	37	SW.	0	2	3	1	4	19	15	7	9	0	13	11	6	1	0	0	0	0	0	0	25	0	0
December	6.7	NW.	40	SW.	1	11	1	1	3	8	14	4	20	0	12	7	12	14	10	12	0	1	18	0	31	0	0
Year	8.8	S.	44	SE.	3	62	34	23	85	187	162	21	154	2	86	122	157	117	91	61	2	1	68	20	174	13	4

INDIANAPOLIS, IND.

[H = 766 ft.; h_t = 75 ft.; h_r = 72 ft.; h_a = 87 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.4	SE.	28	SE.	0	8	2	6	15	10	5	8	8	0	9	9	13	11	8	2	0	0	5	0	20	0	0
February	7.9	NW.	36	SW.	0	5	6	1	11	6	6	6	15	0	7	10	11	12	8	6	0	1	10	0	24	0	2
March	8.2	SE.	28	SW.	0	1	0	4	16	14	9	8	10	0	6	13	12	11	8	1	0	0	2	0	6	4	1
April	7.0	NW.	28	SW.	0	6	8	7	9	4	9	7	8	2	12	7	11	13	10	0	0	0	0	0	1	4	0
May	6.5	NW.	35	SW.	0	5	4	4	8	4	16	5	15	1	2	15	14	16	13	0	1	0	0	0	0	7	0
June	4.7	SW.	33	S.	0	7	4	0	14	7	11	9	6	2	11	15	4	9	9	0	0	0	0	15	0	8	0
July	5.0	SW.	22	NW.	0	3	8	1	1	6	17	9	15	2	14	12	5	5	5	0	0	0	0	12	0	4	0
August	4.6	N.	30	N.	0	16	12	0	8	3	12	3	8	0	11	15	5	9	7	0	0	0	0	8	0	6	0
September	5.6	S.	36	SE.	0	1	7	9	5	18	5	2	10	3	10	8	12	9	9	0	0	0	0	4	0	6	0
October	6.4	SE.	24	NW.	0	4	5	1	15	7	10	8	8	4	9	12	10	7	4	0	0	1	0	0	0	4	0
November	8.1	NW.	30	SW.	0	1	3	0	12	11	8	8	17	0	6	11	13	16	9	4	0	0	3	0	15	0	0
December	7.6	S.	23	SW.	0	5	2	1	10	13	11	6	14	0	11	6	14	9	8	2	0	0	6	0	17	1	0
Year	6.6	NW.	36	SW. SE.	0	62	61	34	124	103	119	79	134	14	108	133	124	127	98	15	1	2	26	39	83	44	3

JACKSONVILLE, FLA.

[H = 43 ft.; h_t = 69 ft.; h_r = 59 ft.; h_a = 84 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.3	N.	27	W.	0	19	12	0	7	12	2	5	4	1	6	8	17	9	6	0	0	3	0	0	0	0	0
February	8.6	SW.	33	SW.	0	5	9	7	6	7	9	5	8	0	6	5	17	13	11	0	0	1	0	0	0	2	0
March	7.4	S.	29	NW.	0	6	8	6	12	14	5	4	7	0	13	9	9	7	5	0	0	0	0	0	0	3	0
April	7.9	SE.	27	SW.	0	7	8	6	15	6	8	6	4	0	10	16	4	4	3	0	0	0	0	0	0	3	0
May	7.8	S.	34	SW.	0	1	10	10	13	10	10	2	6	0	9	19	3	9	6	0	1	0	0	7	0	6	0
June	7.0	SE.	32	SE.	0	1	12	7	17	10	6	3	4	0	5	17	8	12	11	0	0	0	0	7	0	13	0
July	7.8	SW.	42	SW.	1	4	7	5	17	10	15	3	1	0	0	14	17	21	18	0	0	0	0	12	0	18	0
August	6.5	SW.	30	SE.	0	3	4	6	8	9	20	11	1	0	4	17	10	19	16	0	0	0	0	20	0	24	0
September	7.8	NE.	48	NW.	1	5	19	6	12	4	3	7	4	0	7	11	12	18	15	0	0	0	0	6	0	9	0
October	8.1	NE.	62	SE.	1	15	14	7	2	4	5	7	6	2	14	8	9	6	6	0	0	1	0	0	0	1	0
November	5.3	N.	24	N.	0	15	9	2	5	7	3	3	13	3	14	7	9	8	7	0	0	5	0	0	0	1	0
December	6.6	NE.	32	S.	0	9	19	2	1	8	4	3	15	1	12	11	8	3	3	0	0	1	0	0	3	2	0
Year	7.3	NE.	62	SE.	3	90	131	64	115	101	90	59	73	7	100	142	123	129	107	0	1	11	0	52	3	82	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

JUPITER, FLA.

[λ = 26° 57′ N.; φ = 80° 7′ W.; gravity corr., —0.05.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.14	30.28	29.94	65.2	67.9	73.8	62.1	68.0	82	49	60	62	85	81	.530	.557	2.55	1.20	4.7	4.3	4.0
February	30.16	30.40	29.96	64.5	68.5	75.6	61.4	68.5	85	39	59	62	84	80	.522	.562	.21	.15	5.0	4.1	4.2
March	30.14	30.36	29.87	67.9	69.9	76.5	63.7	70.1	85	45	61	63	80	80	.550	.586	.69	.40	3.7	3.4	3.7
April	30.06	30.22	29.80	71.7	71.9	78.8	65.0	71.9	84	55	63	65	75	80	.586	.622	.74	.50	3.0	2.4	3.7
May	29.98	30.18	29.64	75.4	74.2	81.6	68.9	75.2	90	55	68	69	79	83	.695	.704	2.95	1.15	3.9	5.2	4.8
June	30.06	30.18	29.81	77.7	76.7	83.2	72.2	77.7	88	66	72	72	84	85	.791	.783	4.22	1.45	5.7	5.2	5.1
July	30.07	30.17	29.90	79.9	78.4	85.6	74.1	79.8	90	70	74	74	83	85	.845	.827	3.60	1.25	4.5	5.4	4.5
August	30.05	30.13	29.96	81.2	78.8	87.1	74.6	80.8	91	72	75	74	82	86	.862	.840	1.54	.65	3.8	4.7	4.4
September	29.96	30.14	29.30	80.2	79.2	85.2	75.0	80.1	90	70	75	74	85	85	.878	.847	13.65	6.45	5.6	5.5	5.7
October	29.94	30.11	29.74	74.5	75.6	81.5	70.5	76.0	87	62	69	69	82	80	.710	.716	6.29	1.52	4.6	4.3	4.9
November	30.13	30.30	29.93	70.2	70.9	76.6	65.5	71.0	84	48	63	63	79	77	.600	.598	2.99	.80	5.4	4.8	5.4
December	30.12	30.48	29.92	63.3	65.7	72.1	60.0	66.0	80	24	57	59	82	79	.496	.519	.99	.42	4.7	4.1	4.7
Year	30.07	30.48	29.30	72.6	73.1	79.8	67.8	73.8	91	24	66	67	82	82	.672	.680	40.42	6.45	4.6	4.4	4.6

KANSAS CITY, MO.

[λ = 39° 5′ N.; φ = 94° 37′ W.; gravity corr., —0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.05	29.57	28.56	24.4	32.2	38.1	21.2	29.6	67	—15	17	24	73	72	.113	.141	1.67	1.48	4.4	4.4	5.2
February	29.11	29.68	28.24	22.3	29.8	34.4	19.9	27.2	59	1	18	22	84	74	.110	.129	2.42	1.49	6.6	4.5	5.7
March	28.98	29.58	28.58	39.8	52.0	58.3	37.4	47.8	82	12	33	36	76	56	.210	.238	2.66	2.23	4.7	4.2	3.5
April	28.94	29.38	28.61	49.5	62.3	67.4	47.2	57.3	87	34	40	44	72	53	.270	.310	2.51	.94	5.7	4.2	4.6
May	28.96	29.36	28.57	58.4	70.2	74.8	55.0	64.9	90	39	49	50	73	52	.367	.389	2.08	.76	4.2	3.6	4.4
June	28.99	29.22	28.69	68.6	79.5	85.6	64.3	75.0	95	50	60	61	74	57	.528	.570	8.16	2.90	2.6	3.7	3.3
July	29.05	29.20	28.88	70.7	81.9	86.8	66.9	76.8	99	61	59	61	69	51	.512	.540	4.35	2.27	4.0	3.6	3.3
August	29.04	29.25	28.90	70.0	83.3	89.5	67.1	78.3	100	55	60	59	72	45	.525	.508	.13	.13	1.8	2.5	2.5
September	29.01	29.43	28.71	61.5	71.2	79.1	59.1	69.1	93	44	56	60	82	68	.466	.541	7.14	3.93	4.1	4.0	4.4
October	28.95	29.30	28.58	50.9	62.6	69.8	48.9	59.4	89	31	43	46	76	58	.297	.332	1.49	.65	3.3	2.8	2.9
November	29.13	29.57	28.54	35.2	45.1	51.3	33.2	42.2	74	13	26	31	68	59	.146	.176	1.63	1.51	2.5	2.8	4.4
December	29.14	29.74	28.51	31.9	39.7	45.3	30.3	37.8	70	Zero.	25	30	76	68	.147	.176	1.16	.47	4.1	3.7	4.3
Year	29.03	29.74	28.24	48.6	59.2	65.0	45.9	55.4	100	—15	40	44	75	59	.308	.338	35.40	3.93	4.0	3.7	4.0

KEOKUK, IOWA.

[λ = 40° 22′ N.; φ = 91° 26′ W.; gravity corr., —0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.42	29.99	28.88	23.6	30.2	36.0	19.9	28.0	69	—16	17	22	76	72	.111	.132	2.24	1.78	3.9	3.6	4.3
February	29.47	30.11	28.52	20.4	28.3	33.7	17.8	25.8	58	2	15	21	78	73	.091	.116	1.46	.70	4.9	3.2	4.1
March	29.34	29.90	28.97	39.6	49.1	55.8	36.5	46.2	79	8	32	36	73	60	.199	.227	2.52	1.36	4.8	3.1	4.4
April	29.32	29.67	28.96	48.6	57.1	63.3	44.4	53.8	88	29	39	43	71	60	.256	.293	2.75	1.44	4.7	5.2	5.4
May	29.30	29.73	28.87	59.3	66.2	72.5	53.8	63.2	88	38	50	51	72	59	.378	.389	3.06	1.90	4.4	3.4	4.0
June	29.34	29.57	29.05	70.5	80.9	87.7	64.0	75.8	95	44	59	60	68	52	.519	.551	2.85	.72	2.7	3.2	2.6
July	29.38	29.55	29.21	71.3	83.7	90.4	65.7	78.0	102	56	58	59	65	45	.496	.513	.37	.25	2.4	3.1	2.5
August	29.38	29.58	29.18	68.9	81.0	89.0	64.8	76.9	100	52	59	58	71	48	.503	.497	.51	.25	2.8	2.3	2.2
September	29.37	29.79	29.06	61.4	70.0	78.0	58.7	68.4	95	44	55	58	80	67	.459	.509	4.86	1.50	4.3	3.7	3.8
October	29.28	29.65	28.91	49.0	57.6	66.2	45.9	56.0	83	31	42	42	77	56	.278	.273	1.28	.49	3.9	2.7	3.9
November	29.46	30.02	28.84	31.5	38.3	45.2	28.6	36.9	72	8	24	25	74	60	.139	.141	2.24	1.02	4.1	3.8	4.8
December	29.48	29.97	28.89	29.9	35.4	41.4	27.7	34.6	61	— 2	24	26	79	70	.137	.153	1.06	.35	4.5	3.9	4.3
Year	29.38	30.11	28.52	47.8	56.5	63.3	44.0	53.6	102	—16	40	42	74	60	.297	.316	25.20	1.90	4.0	3.4	3.9

KEY WEST, FLA.

[λ = 24° 34′ N.; φ = 81° 49′ W.; gravity corr., —0.05.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.15	30.28	29.98	69.4	70.4	74.9	67.1	71.0	80	61	63	63	82	78	.590	.582	1.21	.57	5.5	4.3	5.5
February	30.17	30.49	30.01	70.5	71.3	76.7	67.8	72.2	82	55	63	64	78	77	.588	.598	.02	.02	4.1	2.3	3.4
March	30.15	30.33	29.93	72.7	72.6	78.2	69.6	73.9	83	61	63	62	72	69	.575	.551	1.13	.84	4.8	2.5	3.8
April	30.08	30.23	29.89	75.8	75.2	80.7	72.4	76.6	85	68	65	64	69	68	.612	.595	.03	.03	3.0	1.4	2.7
May	29.99	30.16	29.74	77.8	77.0	82.5	73.4	78.0	86	66	68	68	71	74	.681	.692	4.53	3.47	4.5	4.2	4.8
June	30.06	30.17	29.86	80.2	79.4	84.5	75.7	80.1	87	69	72	71	76	77	.783	.768	3.27	1.64	6.9	6.9	6.7
July	30.09	30.17	29.98	82.9	82.0	87.5	77.2	82.4	90	72	72	72	70	71	.779	.780	2.30	.60	4.5	4.4	4.5
August	30.06	30.15	29.96	83.9	82.6	88.7	78.6	83.6	91	68	73	73	70	73	.817	.812	4.35	2.74	5.2	3.7	5.3
September	29.95	30.14	29.11	81.7	81.0	86.3	76.4	81.4	89	71	74	73	77	78	.830	.815	17.29	7.05	5.7	5.2	5.8
October	29.95	30.10	29.82	77.5	78.0	81.5	73.9	77.7	87	70	70	70	79	76	.742	.735	6.91	3.49	5.7	4.5	5.3
November	30.12	30.25	29.97	72.0	73.6	76.9	70.2	73.6	83	66	66	66	81	79	.658	.659	1.04	.50	5.7	3.6	4.4
December	30.13	30.50	29.91	68.2	69.4	72.8	66.1	69.4	81	44	62	63	82	80	.574	.585	.26	.25	4.6	2.8	3.3
Year	30.08	30.50	29.11	76.1	76.0	80.9	72.4	76.7	91	44	68	67	76	75	.686	.681	42.34	7.05	5.0	3.8	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

JUPITER, FLA.

[H = 28 ft.; h_t = 13 ft.; h_r = 1 ft.; h_a = 30 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.4	E.	28	NE.	0	5	4	12	8	12	1	12	8	0	17	9	5	7	7	0	0	0	0	0	0	1	0
February	10.5	S.	30	S.	0	2	2	7	7	16	8	7	7	0	9	18	1	3	2	0	0	0	0	0	0	1	0
March	10.9	SE.	33	N.	0	4	7	5	15	12	2	9	8	0	17	12	2	5	4	0	0	0	0	0	0	2	0
April	9.8	SE.	27	NE.	0	4	8	13	13	8	2	9	3	0	19	10	1	3	3	0	0	0	0	0	0	2	0
May	9.6	E.	36	S.	0	7	9	17	9	8	4	6	2	0	15	10	6	11	11	0	0	0	0	1	0	6	0
June	8.3	SE.	25	SE.	0	5	5	12	21	6	6	5	0	0	10	16	4	7	7	0	0	0	0	0	0	5	0
July	7.3	SW.	25	S.	0	3	3	5	11	16	19	3	2	0	17	9	5	14	14	0	0	0	0	1	0	6	0
August	5.8	S.	26	SW.	0	0	1	1	13	18	10	15	4	0	17	8	6	9	9	0	0	0	0	1	0	8	0
September	9.9	E.	50	NE.	3	0	9	14	10	11	8	6	2	0	11	8	11	14	14	0	0	0	0	0	0	2	0
October	11.4	NW.	39	N.	0	3	13	8	6	7	5	4	16	0	10	13	8	16	13	0	0	0	0	0	0	2	0
November	10.5	NE.	33	NE.	0	9	12	12	7	7	1	3	9	0	7	17	6	11	10	0	0	1	0	0	0	2	0
December	10.5	NW.	29	NW.	0	6	8	11	6	3	1	0	27	0	12	13	6	10	8	0	0	1	0	0	1	1	0
Year	9.5	SE.	50	NE.	3	48	81	117	126	124	67	79	88	0	161	143	61	110	102	0	0	2	0	3	1	38	0

KANSAS CITY, MO.

[H = 963 ft.; h_t = 78 ft.; h_r = 81 ft.; h_a = 95 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.5	S.	35	NW.	0	10	6	3	9	19	2	3	10	0	14	7	10	5	3	3	0	1	13	0	23	0	0
February	10.8	N.	36	SW.	0	15	9	5	1	10	7	3	6	0	9	9	10	7	4	6	0	0	14	0	23	1	2
March	12.3	SW.	36	SW.	0	8	6	3	3	10	17	4	11	0	18	7	6	6	4	0	0	0	2	0	10	4	0
April	9.9	SE.	34	SW.	0	6	4	9	13	14	2	3	9	0	10	16	4	13	9	0	0	1	0	0	0	7	0
May	9.2	S.	34	NW.	0	9	13	5	7	17	5	1	5	0	12	16	3	7	7	0	1	0	0	0	0	6	0
June	8.3	S.	33	SW.	0	5	7	3	11	28	4	2	0	0	18	8	4	13	10	0	1	0	0	5	0	12	0
July	7.0	SE.	35	NW.	0	10	9	4	23	11	4	0	1	0	16	11	4	5	4	0	1	1	0	8	0	8	0
August	6.1	S.	24	NE.	0	7	9	7	14	11	7	2	3	2	20	10	1	1	1	0	0	0	0	16	0	5	0
September	8.0	SE.	29	SE.	0	4	5	5	26	11	1	0	7	1	10	14	6	11	11	0	0	1	0	3	0	12	0
October	8.4	SE.	36	SE.	0	2	0	2	17	13	9	7	12	0	18	8	5	11	7	0	1	0	0	0	1	3	0
November	9.9	NW.	35	NW.	0	2	6	2	12	10	5	0	23	0	12	13	5	4	3	0	1	2	2	0	10	1	0
December	10.1	NW.	33	SE.	0	7	5	2	10	14	9	0	15	0	13	10	8	6	3	1	0	1	5	0	14	0	0
Year	9.1	S.	36	SW. SE.	0	85	79	50	146	168	72	25	102	3	170	129	66	89	66	10	5	7	36	32	81	59	2

KEOKUK, IOWA.

[H = 613 ft.; h_t = 64 ft.; h_r = 56 ft.; h_a = 78 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.1	N.	35	W.	0	13	2	5	8	9	9	6	10	0	14	8	9	7	6	5	0	2	13	0	24	0	0
February	8.9	NW.	37	NW.	0	9	5	2	4	6	11	5	14	0	14	6	8	9	6	7	0	1	15	0	21	0	1
March	10.7	SW.	42	NW.	1	1	3	4	7	13	15	8	10	1	15	8	8	8	6	1	1	0	2	0	9	4	1
April	9.7	E.	42	NW.	1	1	0	15	11	8	7	9	9	0	10	9	11	10	8	0	0	0	0	0	1	4	0
May	7.7	N.	36	SE.	0	13	6	2	8	12	8	4	9	0	14	13	4	7	6	0	0	0	0	0	0	4	0
June	6.8	SW.	36	W.	0	4	1	2	7	15	20	9	1	1	21	8	1	9	9	0	0	0	0	14	0	9	0
July	6.1	SW.	48	W.	1	6	8	5	11	5	18	0	7	2	21	9	1	2	2	0	1	0	0	17	0	5	0
August	5.2	SW.	24	SW.	0	13	10	8	2	6	14	4	1	4	22	7	2	5	4	0	0	0	0	15	0	6	0
September	6.4	S.	36	W.	0	4	5	5	11	16	4	3	10	2	14	8	8	15	11	0	2	0	0	5	0	9	0
October	8.8	SW.	36	W.	0	2	1	3	10	12	12	11	9	2	13	13	5	9	8	0	0	1	0	0	1	2	0
November	9.1	NW.	38	NW.	0	2	4	2	6	4	13	7	20	2	14	5	11	6	5	0	0	1	4	0	19	1	0
December	8.9	SW.	36	W.	0	12	3	0	6	3	20	10	7	1	15	7	9	6	4	0	0	2	5	0	18	0	0
Year	8.0	SW.	48	W.	3	80	48	53	91	109	151	76	107	15	187	101	77	93	75	13	4	7	39	51	93	44	2

KEY WEST, FLA.

[H = 22 ft.; h_t = 42 ft.; h_r = 44 ft.; h_a = 50 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.4	E.	33	NE.	0	8	18	28	5	0	1	0	1	1	8	16	7	8	5	0	0	0	0	0	0	0	0
February	10.2	SE.	42	NW.	1	4	6	20	19	4	2	0	1	0	17	9	2	1	0	0	0	0	0	0	0	1	0
March	10.6	E.	38	W.	0	7	8	29	11	2	2	2	0	1	15	14	2	3	2	0	0	0	0	0	0	1	0
April	8.1	E.	33	NE.	0	13	8	21	9	1	2	3	3	0	22	6	2	1	0	0	0	0	0	0	0	0	0
May	8.5	E.	29	NE.	0	11	8	23	7	2	1	3	7	0	11	16	4	11	8	0	0	0	0	0	0	6	0
June	8.5	E.	32	NE.	0	2	3	30	11	5	3	2	3	1	4	13	13	11	9	0	0	0	0	0	0	7	0
July	6.6	SE.	30	S.	0	2	3	19	26	3	4	2	1	2	14	13	4	11	9	0	0	0	0	0	0	12	0
August	5.5	SE.	35	SW.	0	1	5	24	24	4	0	0	1	3	6	21	4	8	8	0	0	0	0	1	0	15	0
September	9.5	E.	87	SW.	3	2	9	19	13	6	4	4	2	1	6	15	9	16	16	0	0	0	0	0	0	11	0
October	12.5	NE.	35	NW.	0	9	15	15	11	4	2	4	2	0	10	12	9	14	11	0	0	0	0	0	0	3	0
November	12.6	NE.	32	NE.	0	6	27	14	10	0	1	0	2	0	14	11	5	8	6	0	0	0	0	0	0	3	0
December	12.8	NE.	39	N.	0	20	28	7	5	1	0	1	0	0	19	8	4	2	1	0	0	0	0	0	0	1	0
Year	9.6	E.	87	SW.	4	85	138	249	151	32	22	21	23	9	146	154	65	94	75	0	0	0	0	1	0	60	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

KITTY HAWK, N. C.

[λ = 36° N.; φ = 75° 42′ W.; gravity corr., — 0.02.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.16	30.52	29.48	44.6	47.2	51.0	40.9	46.0	68	31	39	41	82	80	.249	.270	3.43	.97	6.9	4.9	6.3
February	30.12	30.68	29.49	42.8	45.1	51.7	38.4	45.0	69	25	37	38	80	79	.234	.250	2.81	1.01	6.5	5.9	6.7
March	30.13	30.62	29.78	50.2	51.3	59.5	44.2	51.8	82	26	44	46	82	82	.318	.324	2.51	.89	3.5	2.4	4.3
April	30.06	30.40	29.52	53.9	54.7	60.7	48.0	54.4	80	37	46	47	75	77	.322	.340	1.61	.54	3.9	3.5	4.5
May	29.95	30.36	29.54	67.3	67.6	75.2	61.8	68.5	89	51	60	61	78	80	.524	.547	4.94	1.82	4.6	3.5	3.8
June	30.05	30.22	29.76	72.8	73.6	81.6	67.3	74.4	91	52	65	68	79	83	.641	.688	2.32	1.23	2.9	3.8	4.0
July	30.03	30.22	29.73	76.1	76.0	83.1	70.7	76.9	90	62	70	70	81	82	.731	.732	9.24	4.21	3.9	5.1	4.3
August	30.00	30.17	29.84	75.0	75.3	80.8	70.9	75.8	92	64	69	69	83	82	.712	.721	8.03	2.38	3.6	4.3	3.9
September	30.03	30.38	29.59	74.5	74.7	79.3	71.5	75.4	94	64	69	69	83	83	.710	.716	6.69	4.30	3.3	4.0	4.1
October	29.98	30.33	29.30	63.2	63.9	68.4	58.6	63.5	82	46	56	57	77	80	.461	.489	4.88	2.10	4.1	3.4	3.8
November	30.14	30.63	29.69	50.6	51.6	57.3	45.5	51.4	72	34	44	44	78	75	.304	.306	1.81	.82	4.0	2.7	4.2
December	30.13	30.36	29.66	45.4	47.5	53.1	41.5	47.3	73	14	40	42	83	83	.266	.288	2.74	.80	4.6	4.0	5.7
Year	30.06	30.68	29.30	59.7	60.7	66.8	54.9	60.9	94	14	53	54	80	80	.456	.473	51.01	4.30	4.3	4.0	4.6

KNOXVILLE, TENN.

[λ = 35° 56′ N.; φ = 83° 58′ W.; gravity corr., — 0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	29.14	29.42	28.83	37.4	46.3	52.5	35.1	43.8	67	12	33	36	84	69	.204	.227	3.80	1.26	5.7	3.9	5.1
February	29.10	29.48	28.44	35.8	43.3	48.8	32.8	40.8	68	20	29	32	77	66	.172	.192	7.37	3.26	7.0	6.4	6.9
March	29.10	29.53	28.86	45.8	58.3	64.7	42.5	53.6	82	18	39	38	77	50	.261	.257	2.37	.50	3.7	3.1	3.8
April	29.03	29.38	28.70	52.8	62.1	69.1	47.7	58.4	86	34	44	41	72	49	.298	.277	2.81	.74	4.9	5.0	4.0
May	28.96	29.32	28.64	61.2	68.3	75.7	56.6	66.2	90	34	53	54	77	62	.424	.431	3.85	1.60	4.6	5.3	5.5
June	29.05	29.28	28.81	69.3	77.5	86.3	62.9	74.6	94	43	61	61	75	57	.552	.541	1.43	.50	3.1	4.1	3.6
July	29.05	29.22	28.83	70.6	78.0	85.6	65.8	75.7	92	56	64	62	81	61	.605	.575	2.24	1.02	4.4	4.8	5.3
August	29.03	29.14	28.84	70.3	77.4	85.7	66.5	76.1	96	59	65	66	85	69	.627	.641	4.79	2.12	5.2	5.1	6.3
September	29.06	29.37	28.84	66.7	74.8	82.4	63.4	72.9	90	51	61	62	82	65	.552	.570	.47	.17	4.7	2.8	4.5
October	29.02	29.30	28.71	51.1	62.4	71.7	47.5	59.6	85	33	45	45	80	55	.307	.314	1.50	.96	3.3	2.1	2.7
November	29.16	29.50	28.90	38.1	48.1	54.9	35.4	45.2	70	21	32	34	78	59	.185	.208	.55	.18	4.2	3.6	3.9
December	29.14	29.47	28.57	36.9	43.8	49.8	34.5	42.2	66	2	32	35	81	72	.195	.222	6.26	1.84	5.6	4.3	5.4
Year	29.07	29.53	28.44	53.0	61.7	68.9	49.2	59.1	96	2	46	47	79	61	.365	.372	37.44	3.26	4.7	4.2	4.8

LA CROSSE, WIS.

[λ = 43° 49′ N.; φ = 91° 15′ W.; gravity corr., 0.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	29.28	29.83	28.64	13.9	19.8	26.5	9.4	18.0	56	—19	9	12	79	72	.082	.095	1.27	.46	5.3	3.9	5.6
February	29.31	30.03	28.62	11.6	22.2	28.9	8.5	18.7	50	— 8	6	14	77	70	.062	.088	.89	.81	3.5	2.2	3.6
March	29.17	29.74	28.51	34.2	40.9	47.6	30.1	38.8	78	6	28	30	77	66	.168	.180	1.89	.94	5.8	4.9	6.0
April	29.19	29.49	28.68	45.5	54.5	59.1	42.3	50.7	77	26	38	40	76	59	.247	.263	3.74	.97	7.2	6.4	6.3
May	29.17	29.55	28.61	55.1	65.3	70.4	50.5	60.4	86	39	44	44	68	50	.308	.319	2.92	1.11	4.5	3.8	4.5
June	29.20	29.46	28.91	66.2	77.3	83.2	60.5	71.8	92	41	58	58	74	54	.490	.509	2.31	1.60	3.4	4.2	4.2
July	29.25	29.46	29.02	67.5	81.9	88.6	62.5	75.6	100	49	56	55	68	41	.452	.440	.35	.18	2.4	1.9	2.1
August	29.27	29.49	29.07	63.3	78.3	84.8	59.8	72.3	101	44	54	55	74	46	.429	.446	.35	.21	2.4	2.6	3.4
September	29.22	29.64	28.89	56.5	67.0	74.2	54.0	64.1	94	33	50	53	80	63	.381	.425	5.14	3.48	3.3	4.2	4.3
October	29.11	29.55	28.65	45.1	53.2	58.9	42.1	50.5	76	27	40	42	84	68	.259	.279	1.90	.54	5.9	4.8	6.0
November	29.29	29.96	28.56	26.3	32.5	36.4	23.0	29.7	53	3	20	22	77	65	.114	.128	1.15	.57	6.4	6.2	7.0
December	29.29	29.87	28.63	26.2	32.0	37.0	23.2	30.1	54	— 6	21	23	81	71	.124	.134	1.03	.74	4.7	4.6	5.6
Year	29.23	30.03	28.51	42.6	52.1	58.0	38.8	48.4	101	—19	35	37	76	60	.260	.276	22.94	3.48	4.6	4.1	4.9

LANDER, WYO.

[λ = 42° 50′ N.; φ = 108° 45′ W.; gravity corr., — 0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	24.50	24.88	24.09	9.7	20.8	32.3	3.1	17.7	53	—23	2	11	70	64	.055	.075	.49	.24	3.2	2.5	2.8
February	24.57	24.97	24.09	3.2	16.8	27.6	—2.4	12.6	49	—28	—3	6	73	64	.042	.058	.92	.45	3.2	3.8	3.2
March	24.52	25.01	24.09	24.0	36.6	43.9	20.0	32.0	61	— 3	17	19	74	52	.096	.103	3.29	1.40	5.1	6.4	5.7
April	24.58	24.91	24.18	33.2	52.0	58.1	29.1	43.6	70	18	24	18	68	28	.126	.102	.75	.25	4.4	5.0	5.0
May	24.59	24.94	24.18	44.2	64.2	69.7	38.6	54.2	81	20	32	23	62	27	.186	.146	1.22	.94	5.6	6.3	6.1
June	24.58	24.81	24.20	51.1	69.6	75.3	44.7	60.0	85	32	39	30	64	28	.241	.179	.51	.42	3.7	6.5	5.6
July	24.77	24.95	24.55	55.8	78.6	83.9	49.6	66.8	94	42	45	40	68	28	.301	.259	1.01	.47	2.4	5.5	4.4
August	24.76	24.93	24.52	52.6	77.5	84.7	48.8	66.8	90	42	42	43	67	32	.267	.291	.11	.05	3.5	6.0	5.0
September	24.64	25.00	24.23	41.2	61.4	67.8	38.0	52.9	81	27	32	32	71	38	.186	.188	2.29	1.08	4.2	4.7	5.0
October	24.61	24.93	24.23	34.4	50.6	62.4	29.1	45.8	74	15	23	24	66	37	.125	.131	.03	.02	3.1	4.5	3.8
November	24.72	25.00	24.33	26.0	37.7	54.4	19.1	36.8	72	—14	16	17	66	47	.090	.096	.37	.37	4.0	2.5	4.0
December	24.65	25.11	24.10	10.6	20.6	34.2	6.7	20.4	51	—17	3	8	72	57	.051	.062	.03	.02	1.7	2.2	3.3
Year	24.62	25.11	24.09	32.2	48.9	57.9	27.0	42.5	94	—28	23	23	68	42	.147	.141	11.10	1.40	3.7	4.7	4.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

KITTY HAWK, N. C.

[H = 9 ft.; h_t = 12 ft.; h_r = 2 ft.; h_a = 30 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	15.6	NE.	52	N.	3	9	19	6	4	4	8	8	4	0	8	8	15	14	13	1	0	0	0	0	1	0	1
February	17.1	SW.	48	N.	8	7	12	4	2	6	14	1	9	1	7	4	17	13	9	1	0	0	0	0	6	0	0
March	13.8	SW.	48	N.	6	15	8	7	2	8	15	4	3	0	14	9	8	11	9	0	0	7	0	0	2	6	1
April	15.4	NE.	46	SE.	4	10	14	3	6	5	12	5	5	0	14	8	8	6	4	0	0	0	0	0	0	3	0
May	13.1	SW.	43	S.	1	5	7	9	7	8	17	8	1	0	17	8	6	8	8	0	0	0	0	0	0	7	0
June	14.9	SW.	45	SW.	2	2	7	4	5	3	27	8	4	0	18	3	9	11	9	0	0	0	0	2	0	4	0
July	11.6	SW.	36	SW.	0	0	9	5	7	4	24	10	3	0	14	9	8	12	12	0	0	0	0	1	0	9	0
August	10.6	NE.	36	NE.	0	4	22	17	7	1	8	2	1	0	17	7	7	12	8	0	0	0	0	1	0	6	0
September	14.9	NE.	60	NE.	3	4	19	10	10	6	7	1	3	0	17	3	10	8	7	0	0	1	0	2	0	1	0
October	16.0	NE.	58	SE.	4	3	17	8	7	2	10	4	11	0	19	4	8	12	11	0	0	0	0	0	0	2	0
November	14.0	SW.	48	NW.	3	4	10	2	4	1	19	3	17	0	16	8	6	6	5	0	0	2	0	0	0	0	0
December	16.6	NE.	48	NE.	9	4	22	2	2	1	8	11	9	3	10	8	13	10	10	2	0	4	1	0	4	2	0
Year	14.5	SW.	60	NE.	43	67	166	77	63	49	169	65	70	4	171	79	115	123	105	4	0	14	1	6	13	40	2

KNOXVILLE, TENN.

[H = 980 ft.; h_t = 80 ft.; h_r = 71 ft.; h_a = 88 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	4.4	SW.	31	SW.	0	7	20	1	2	2	10	8	2	10	10	11	10	11	11	1	0	1	0	0	12	1	0
February	6.4	W.	41	SW.	1	6	15	2	1	4	6	10	5	7	5	11	12	14	13	2	0	1	1	0	14	2	0
March	5.3	SW.	34	W.	0	8	7	2	1	1	21	3	5	14	16	10	5	8	8	0	0	2	1	0	5	5	0
April	5.6	NE.	30	W.	0	6	20	3	1	1	5	17	1	6	13	7	10	12	9	0	0	0	0	0	0	3	0
May	5.1	SW.	24	SW.	0	6	11	7	0	2	16	11	5	4	8	15	8	13	12	0	0	1	0	0	0	6	0
June	4.3	SW.	24	NE.	0	3	19	3	0	6	17	16	1	1	18	6	6	4	4	0	1	0	0	10	0	9	0
July	3.8	NE.	25	NE.	0	4	15	6	5	0	3	17	7	5	13	7	11	6	5	0	0	3	0	5	0	6	0
August	4.0	NE.	35	SW.	0	2	15	14	0	4	5	15	1	6	6	11	14	12	11	0	0	4	0	8	0	8	0
September	4.5	NE.	24	SW.	0	6	20	6	1	5	6	6	4	6	14	9	7	5	3	0	0	3	0	1	0	1	0
October	4.1	Calm. NE.	24	SW.	0	8	11	6	4	1	8	8	6	10	21	5	5	5	4	0	0	1	0	0	0	0	0
November	4.9	SW.	25	SW.	0	8	8	1	1	0	13	8	9	12	14	9	7	4	4	0	0	3	0	0	10	1	0
December	4.9	SW.	34	SW.	0	7	20	4	1	3	12	8	1	6	12	7	12	14	12	4	0	0	4	0	12	1	0
Year	4.8	SW.	41	SW.	1	71	181	55	17	29	122	121	47	87	150	108	107	108	96	7	1	19	6	24	53	43	0

LA CROSSE, WIS.

[H = 720 ft.; h_t = 70 ft.; h_r = 61 ft.; h_a = 78 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.0	S.	30	NW.	0	10	0	0	4	17	4	9	14	4	8	14	9	12	8	11	0	2	18	0	28	0	0
February	8.0	S.	26	W.	0	13	1	0	1	20	5	5	8	3	18	8	2	4	2	4	0	0	15	0	27	0	2
March	9.9	S.	38	S.	0	10	2	2	12	17	2	8	9	0	6	16	9	10	8	2	0	0	3	0	16	0	1
April	8.8	S.	34	W.	0	9	6	5	9	18	0	5	6	2	5	15	10	14	9	2	0	0	0	0	4	4	0
May	9.0	N.	36	W.	0	17	4	1	6	17	1	5	9	2	11	18	2	13	10	0	2	0	0	0	0	5	0
June	6.2	S.	42	S.	1	7	2	0	9	29	2	3	5	2	12	14	4	8	7	0	0	0	0	4	0	7	0
July	6.5	S.	28	NW.	0	7	3	0	3	25	7	6	8	3	25	6	0	5	4	0	0	0	0	14	0	5	0
August	5.4	S.	18	N.	0	13	4	1	2	29	2	0	7	4	20	8	3	3	2	0	0	0	0	7	0	2	0
September	7.6	S.	32	W.	0	2	1	0	5	33	4	9	3	3	14	9	7	10	9	0	0	2	0	1	0	4	1
October	7.7	S.	28	S.	0	5	1	0	10	20	8	8	6	4	8	13	10	13	8	0	0	2	0	0	2	1	0
November	8.9	S.	28	W.	0	15	1	0	3	20	1	8	10	2	2	15	13	7	5	5	0	0	9	0	24	0	0
December	8.5	S.	26	W.	0	8	2	0	1	31	3	6	9	2	12	8	11	4	3	1	0	1	8	0	23	0	0
Year	7.8	S.	42	S.	1	116	27	9	65	276	40	72	94	31	141	144	80	103	75	25	2	7	53	26	124	28	4

LANDER, WYO.

[H = 5,377 ft.; h_t = 12 ft.; h_r = 16 ft.; h_a = 34 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	4.1	SW.	30	SW.	0	2	12	7	6	7	15	8	5	0	21	10	0	4	4	4	0	0	15	0	31	0	0
February	4.2	SW.	42	SW.	1	4	9	6	2	4	14	10	5	2	16	10	2	5	5	5	0	0	19	0	28	0	2
March	6.4	W.	60	SW.	2	7	1	4	0	9	13	20	7	1	7	15	9	9	7	9	0	0	2	0	26	0	1
April	6.3	W.	48	W.	1	4	6	2	4	9	15	15	5	0	8	16	6	7	4	4	0	0	0	0	20	0	0
May	6.5	W.	38	SW.	0	3	6	8	5	4	9	15	11	1	3	21	7	6	4	0	0	0	0	0	3	3	0
June	6.2	SW.	36	S.	0	6	5	1	3	8	17	15	5	0	5	22	3	8	3	0	0	0	0	0	0	6	0
July	4.3	SW.	36	SW.	0	10	6	5	3	5	14	7	8	4	9	22	0	9	6	0	2	0	0	4	0	9	0
August	2.9	SW.	36	SW.	0	7	6	1	2	9	22	3	9	3	8	18	5	3	2	0	0	0	0	0	0	2	1
September	5.1	SW.	48	SW.	2	4	4	1	3	10	20	9	7	2	10	14	6	6	4	0	0	0	0	0	7	0	0
October	4.8	SW.	38	W.	0	6	4	3	2	12	19	8	7	1	16	11	4	2	0	0	0	0	0	0	23	0	0
November	4.3	SW.	55	SW.	2	2	1	6	4	8	25	5	9	0	13	15	2	2	1	2	0	0	1	0	29	0	0
December	3.4	SW.	60	SW.	1	4	6	4	4	12	19	5	4	4	18	13	0	2	0	1	0	0	10	0	31	0	0
Year	5.0	SW.	60	SW.	9	59	66	48	38	97	202	120	82	18	134	187	44	63	40	25	2	0	47	4	198	20	4

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

LEXINGTON, KY.

[λ = 38° 2′ N.; φ = 84° 33′ W.; gravity corr., — 0.02.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.06	29.46	28.69	33.1	40.0	47.2	28.7	38.0	64	— 6	29	30	86	67	.178	.180	3.58	1.20	6.3	5.0	5.8
February	29.03	29.59	28.33	29.4	36.1	42.1	26.0	34.0	66	8	24	27	82	70	.138	.152	3.35	.78	7.4	5.6	6.6
March	29.03	29.45	28.68	43.9	51.3	58.8	39.6	49.2	81	14	34	35	70	56	.220	.228	2.13	.98	5.9	4.3	5.8
April	28.98	29.32	28.66	49.7	56.0	62.9	45.1	54.0	83	32	40	42	73	62	.267	.283	4.19	1.59	5.9	5.9	6.0
May	28.92	29.31	28.60	59.7	63.8	71.9	52.8	62.4	86	32	51	50	75	64	.393	.382	3.81	1.02	6.1	5.9	5.9
June	29.00	29.24	28.75	71.7	75.9	85.3	63.8	74.6	94	43	61	59	70	59	.556	.519	4.44	2.00	4.5	5.6	5.3
July	29.01	29.17	28.80	72.0	77.4	85.9	65.3	75.6	93	55	61	58	69	54	.546	.512	.87	.47	5.6	6.1	5.5
August	28.99	29.14	28.78	72.0	78.5	86.5	65.6	76.0	97	54	62	61	72	56	.570	.546	3.67	1.19	3.8	4.6	4.8
September	29.03	29.35	28.85	67.0	72.9	80.1	61.9	71.0	92	43	58	58	74	61	.508	.511	4.05	2.33	5.7	5.3	5.3
October	28.96	29.26	28.69	52.2	59.6	67.8	47.3	57.6	83	33	41	39	67	49	.267	.251	1.40	.74	4.6	1.9	4.5
November	29.08	29.51	28.76	36.5	44.0	49.9	32.7	41.3	70	15	27	30	68	59	.159	.174	1.38	.55	5.6	3.7	5.9
December	29.08	29.38	28.50	34.4	40.0	44.5	30.4	37.4	65	— 6	27	29	74	64	.163	.175	3.45	.80	8.2	5.7	7.7
Year	29.01	29.59	28.33	51.8	58.0	65.2	46.6	55.9	97	— 6	43	43	73	60	.330	.326	36.32	2.33	5.8	4.8	5.8

LITTLE ROCK, ARK.

[λ = 34° 45′ N.; φ = 92° 6′ W.; gravity corr., — 0.03.]

January	29.82	30.27	29.38	37.9	48.6	53.2	36.1	44.6	72	1	34	36	84	63	.221	.235	3.21	1.17	4.9	4.0	5.2
February	29.83	30.24	29.18	36.0	44.6	48.1	34.3	41.2	67	23	30	32	79	64	.180	.198	4.98	2.37	6.8	4.9	5.9
March	29.76	30.30	29.28	48.6	58.8	64.3	46.3	55.3	84	24	41	44	77	61	.286	.325	9.08	2.72	4.9	4.7	5.5
April	29.70	30.09	29.44	56.6	67.9	72.7	53.8	63.2	89	42	48	49	75	54	.364	.373	4.19	1.06	4.7	4.1	4.8
May	29.66	29.97	29.41	64.4	73.0	79.4	61.2	70.3	90	46	58	59	81	63	.504	.519	3.81	2.31	4.9	5.3	5.9
June	29.72	29.91	29.54	70.6	81.8	89.2	66.0	77.6	102	51	63	62	77	52	.589	.560	.26	.19	3.5	4.1	3.9
July	29.72	29.84	29.58	71.8	81.4	89.0	68.2	78.6	103	60	66	66	83	61	.645	.636	6.59	2.92	4.3	5.0	4.1
August	29.71	29.84	29.60	72.2	79.2	86.5	69.7	78.1	98	60	68	69	87	72	.697	.713	6.50	1.35	5.4	5.3	6.0
September	29.72	30.02	29.51	66.9	74.9	82.1	65.0	73.6	93	53	63	65	88	73	.604	.638	2.43	1.77	5.1	4.0	5.1
October	29.72	29.97	29.34	53.8	66.2	75.5	52.1	63.8	86	35	47	52	78	61	.334	.407	3.20	1.63	2.3	1.4	3.3
November	29.88	30.16	29.50	42.0	53.8	61.5	39.6	50.6	75	27	33	37	71	53	.199	.223	.63	.38	2.9	2.3	3.4
December	29.88	30.46	29.14	40.0	47.5	53.2	37.3	45.2	70	10	34	35	79	63	.219	.224	3.95	2.29	5.1	3.7	6.0
Year	29.76	30.46	29.14	55.1	64.8	71.2	52.5	61.8	103	1	49	50	80	62	.404	.422	48.83	2.92	4.6	4.1	4.9

LOS ANGELES, CAL.

[λ = 34° 3′ N.; φ = 118° 15′ W.; gravity corr., — 0.03.]

January	29.78	30.05	29.52	43.1	53.0	61.9	39.5	50.7	75	32	35	41	73	66	.206	.266	.94	.38	2.5	1.5	2.7
February	29.78	29.98	29.34	43.9	55.0	62.0	40.7	51.4	73	35	36	41	75	62	.216	.262	.49	.24	2.8	3.0	4.2
March	29.69	29.94	29.43	45.8	57.1	64.6	43.1	53.8	82	35	38	43	78	62	.241	.285	.37	.35	3.4	3.3	4.5
April	29.67	29.86	29.48	50.0	60.9	70.0	47.7	58.8	85	41	44	47	84	64	.299	.329	.13	.07	4.3	2.7	4.4
May	29.61	29.72	29.45	52.1	61.6	70.0	50.5	60.2	80	46	50	51	92	69	.357	.374	.20	.09	6.7	2.8	5.5
June	29.61	29.73	29.42	53.3	65.7	73.9	51.5	62.7	83	46	49	52	86	61	.353	.386	T.	T.	5.2	0.4	3.6
July	29.62	29.76	29.51	56.1	70.5	80.3	54.4	67.4	88	51	54	56	92	61	.414	.451	T.	T.	2.1	1.0	3.4
August	29.59	29.73	29.46	60.2	72.1	81.6	58.3	70.0	97	52	57	59	91	65	.474	.504	.01	.01	3.5	1.4	3.8
September	29.56	29.70	29.42	59.2	70.4	81.5	57.0	69.2	99	49	53	55	83	64	.409	.456	.73	.71	3.0	1.3	3.3
October	29.66	29.79	29.44	55.6	65.8	78.5	53.2	65.8	96	45	49	54	82	69	.355	.420	.02	.02	3.6	1.9	3.3
November	29.71	29.81	29.56	49.3	58.1	73.0	45.7	59.4	92	38	44	53	85	83	.293	.402	0	0	1.6	1.5	2.6
December	29.72	29.96	29.49	49.0	55.5	61.9	45.7	53.8	75	39	42	47	78	76	.269	.332	4.62	1.33	4.5	5.6	6.0
Total	29.66	30.05	29.34	51.5	62.1	71.6	48.9	60.3	99	32	46	50	83	67	.324	.372	7.51	1.33	3.6	2.2	3.9

LOUISVILLE, KY.

[λ = 38° 15′ N.; φ = 85° 45′ W.; gravity corr., — 0.02.]

January	29.58	30.04	29.14	35.0	42.1	48.2	31.3	39.8	69	— 5	27	28	71	57	.162	.173	2.81	96	6.5	4.5	5.5
February	29.58	30.16	28.60	30.9	37.3	42.7	28.0	35.4	69	13	22	26	69	64	.129	.149	5.09	1.43	7.3	4.5	6.0
March	29.54	30.00	29.24	45.0	54.2	61.2	41.6	51.4	85	17	35	37	68	54	.225	.247	3.04	.89	5.1	4.0	5.3
April	29.48	29.84	29.19	50.6	59.7	65.7	47.1	56.4	91	35	40	44	67	59	.259	.297	3.98	1.63	5.0	4.5	5.6
May	29.41	29.84	29.07	60.3	66.2	74.4	54.9	64.6	90	38	51	52	72	64	.385	.414	3.90	.74	5.1	5.3	6.1
June	29.48	29.72	29.22	71.2	80.6	88.5	65.3	76.9	96	46	61	61	71	54	.558	.561	3.63	1.54	3.8	4.1	4.4
July	29.49	29.67	29.29	72.2	81.1	88.8	67.4	78.1	96	57	60	59	67	50	.534	.522	2.41	1.59	5.4	5.3	5.2
August	29.47	29.66	29.26	70.8	81.4	90.0	67.3	78.6	99	54	61	60	71	51	.539	.538	3.57	1.36	3.5	4.1	4.4
September	29.51	29.88	29.31	65.8	74.5	83.0	63.1	73.0	96	44	59	62	78	65	.522	.573	2.64	.72	5.1	3.0	5.4
October	29.45	29.78	29.14	51.1	61.4	70.3	48.6	59.4	87	34	42	42	72	51	.273	.275	1.20	.43	4.0	1.8	4.2
November	29.59	30.06	29.26	37.2	45.6	52.4	34.4	43.4	75	17	28	30	68	56	.156	.175	.63	.24	5.1	3.8	5.6
December	29.59	29.95	28.79	35.0	41.0	46.6	32.5	39.6	69	3	29	30	76	65	.174	.184	5.18	1.59	6.9	5.0	6.5
Year	29.51	30.16	28.60	52.1	60.4	67.6	48.5	58.0	99	— 5	43	44	71	58	.326	.342	38.08	1.63	5.2	4.2	5.4

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

LEXINGTON, KY.

[H = 989 ft.; h_t = 75 ft.; h_r = 2 ft.; h_a = 122 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi*																								
January	13.4	SW.	48	SE.	3	0	8	0	11	4	26	0	13	0	7	16	8	12	8	2	0	0	3	0	17	0	0
February	15.0	NW.	60	NE.	3	0	15	1	2	6	13	0	19	0	6	10	12	14	10	5	0	0	8	0	20	0	0
March	14.2	SW.	48	SW.	4	0	10	0	7	4	24	1	16	0	10	8	13	9	9	1	0	0	1	0	6	3	2
April	12.5	SW.	62	SW.	4	0	18	0	11	1	18	1	11	0	9	8	13	15	12	1	0	0	0	0	0	5	0
May	10.5	SW.	48	SW.	1	1	6	0	4	0	35	3	13	0	8	14	9	20	13	1	1	0	0	0	0	7	0
June	9.1	SW.	48	SW.	2	2	5	5	9	10	21	3	5	0	10	11	9	12	11	0	1	0	0	9	0	3	0
July	8.3	SW.	34	SW.	0	2	5	4	3	9	22	3	13	1	9	14	8	8	4	0	0	0	0	7	0	3	0
August	8.5	SW.	36	SW.	0	4	8	9	5	9	17	2	5	3	11	12	8	9	8	0	1	0	0	8	0	8	0
September	9.5	S.	34	S.	0	1	7	7	4	20	12	6	3	0	8	13	9	6	5	0	0	1	0	2	0	4	0
October	11.4	S.	36	W.	0	2	4	2	12	15	8	13	6	0	12	8	11	7	6	0	0	0	0	0	0	0	0
November	14.4	S.	48	S.	1	1	4	2	2	25	4	14	8	0	8	11	11	7	6	1	0	1	1	0	16	0	0
December	13.3	S.	48	S.	2	1	8	4	1	18	7	17	6	0	4	6	21	13	12	4	0	0	6	0	14	1	0
Year	11.7	SW.	62	SW.	20	14	98	34	71	121	207	63	118	4	102	131	132	132	104	15	3	2	19	26	73	34	2

LITTLE ROCK, ARK.

[H = 302 ft.; h_t = 71 ft.; h_r = 62 ft.; h_a = 79 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.2	S.	36	NW.	0	8	6	8	8	14	8	4	5	1	13	7	11	7	7	1	0	4	2	0	9	0	0
February	9.7	NE.	36	SW.	0	9	11	5	4	6	8	8	4	1	10	6	12	10	9	3	1	0	3	0	13	6	0
March	8.9	S.	45	NW.	1	9	5	3	13	13	9	5	5	0	12	6	13	10	8	1	0	1	0	0	5	7	0
April	7.9	S.	36	SW.	0	4	4	10	10	12	7	5	7	1	15	6	9	12	11	0	1	1	0	0	0	11	0
May	7.5	S.	34	NW.	0	7	10	4	6	15	12	3	5	0	6	16	9	8	6	0	1	0	0	0	0	7	0
June	6.2	SW.	50	NE.	2	3	6	4	8	12	18	6	3	0	17	8	5	4	1	0	0	0	0	15	0	6	0
July	5.3	E.	51	NE.	2	5	6	8	10	6	13	2	12	0	16	9	6	11	11	0	1	0	0	14	0	9	0
August	5.2	NE.	26	SE.	0	5	11	9	5	5	10	3	11	3	8	11	12	12	10	0	0	0	0	10	0	9	0
September	5.3	S.	25	NE.	0	7	8	2	16	14	3	2	5	3	13	9	8	5	5	0	0	0	0	5	0	2	0
October	6.0	SW.	32	N.	0	8	3	2	11	8	10	5	10	5	21	7	3	4	4	0	0	0	0	0	0	3	0
November	7.0	SW.	34	NW.	0	10	6	5	2	11	8	9	6	3	18	7	5	3	2	0	1	1	0	0	5	3	0
December	6.9	NW.	38	N.	0	9	6	3	5	9	9	4	13	4	12	3	16	10	9	1	1	1	2	0	8	2	0
Year	6.9	S.	51	NE.	5	84	82	63	98	125	115	56	86	21	161	95	109	96	83	6	6	8	7	44	40	65	0

LOS ANGELES, CAL.

[H = 330 ft.; h_t = 74 ft.; h_r = 66 ft.; h_a = 76 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	3.4	W.	14	W.	0	8	13	5	1	2	2	18	11	2	21	6	4	5	5	0	0	1	0	0	0	0	0
February	4.2	W.	25	NW.	0	8	16	5	1	0	2	19	5	0	11	14	3	3	3	0	0	1	0	0	0	0	0
March	4.2	W.	30	N.	0	6	11	4	5	3	3	24	4	2	12	11	8	3	1	0	0	2	0	0	0	0	0
April	4.2	W.	24	NW.	0	6	7	8	4	3	5	24	3	0	10	14	6	2	2	0	0	5	0	0	0	0	0
May	4.1	W.	18	W.	0	4	4	8	6	4	7	28	0	1	5	20	6	3	2	0	0	2	0	0	0	0	0
June	4.4	W.	18	W.	0	1	6	16	3	3	2	26	1	2	10	20	0	0	0	0	0	2	0	0	0	0	0
July	3.5	W.	15	W.	0	2	0	6	2	6	2	29	7	8	13	16	2	0	0	0	0	9	0	0	0	0	0
August	3.6	W.	17	SE.	0	1	5	5	4	3	5	32	5	2	9	22	0	1	0	0	0	8	0	3	0	1	0
September	3.5	W.	18	W.	0	3	5	4	1	3	3	31	5	5	12	18	0	2	1	0	0	7	0	4	0	0	0
October	2.8	W.	13	W.	0	3	4	6	1	2	4	19	9	14	13	16	2	1	0	0	0	3	0	3	0	0	0
November	2.1	W.	12	W.	0	4	8	4	1	0	2	20	15	6	18	12	0	0	0	0	0	6	0	1	0	0	0
December	3.6	E.	23	W.	0	5	14	17	0	1	2	13	9	1	9	8	14	10	8	0	0	0	0	0	0	0	0
Year	3.6	W.	30	N.	0	51	93	88	29	30	39	283	74	43	143	177	45	30	22	0	0	46	0	11	0	1	0

LOUISVILLE, KY.

[H = 525 ft.; h_t = 114 ft.; h_r = 106 ft.; h_a = 136 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.8	S.	38	SW.	0	6	5	3	12	20	6	6	4	0	10	12	9	11	8	1	0	0	3	0	14	0	0
February	11.1	NW.	48	SW.	2	8	4	5	9	9	6	7	8	0	8	9	11	12	12	6	0	0	7	0	20	0	1
March	9.7	S.	39	W.	0	2	7	2	15	12	8	7	9	0	13	7	11	10	9	1	0	0	1	0	6	4	1
April	8.3	SW.	38	SW.	0	8	10	7	6	12	11	3	3	0	10	9	11	12	11	0	1	0	0	1	0	3	0
May	7.7	S.	38	SW.	0	7	2	3	6	18	9	6	9	2	7	14	10	18	16	0	1	0	0	0	0	8	0
June	6.1	S.	30	S.	0	6	5	6	5	18	10	3	7	0	12	13	5	9	8	0	1	0	0	14	0	9	0
July	6.1	S.	23	SW.	0	14	2	3	9	15	10	1	8	0	13	9	9	7	6	0	0	0	0	15	0	6	0
August	6.3	N.	32	NW.	0	20	5	3	6	13	7	2	4	2	15	11	5	7	5	0	0	0	0	18	0	6	0
September	6.7	S.	21	NW.	0	9	6	4	17	11	3	0	8	2	7	17	6	7	7	0	0	1	0	7	0	7	0
October	7.5	SE.	35	W.	0	5	3	5	13	7	11	13	4	1	15	10	6	7	6	0	0	4	0	0	0	1	0
November	9.1	S.	33	W.	0	3	1	4	9	17	6	14	6	0	12	5	13	9	3	1	0	1	1	0	12	0	0
December	8.4	S.	28	N.	0	5	4	4	13	12	9	10	4	1	9	7	15	12	11	3	0	1	6	0	12	1	0
Year	8.0	S.	48	SW.	2	93	54	49	120	164	96	72	74	8	131	123	111	121	102	12	3	7	18	55	64	45	2

a By eye observations at 8 a. m and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

LYNCHBURG, VA.

[λ = 37° 25′ N.; φ = 79° 9′ W.; gravity corr., — 0.02.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.46	29.87	28.86	35.1	42.7	49.8	32.7	41.2	65	20	30	34	80	72	.173	.201	2.11	.92	5.9	5.0	5.8
February	29.40	29.96	28.83	34.6	40.6	48.6	31.6	40.1	68	15	28	32	78	72	.166	.193	4.92	1.57	5.8	4.5	6.1
March	29.41	29.87	29.06	44.7	54.6	64.0	39.8	51.9	86	19	39	42	80	64	.256	.294	.95	.54	4.4	3.2	4.5
April	29.35	29.71	28.92	51.7	58.5	66.0	45.1	55.6	83	27	41	40	68	53	.270	.266	1.64	.75	4.9	4.5	5.1
May	29.24	29.72	28.77	64.2	69.0	78.2	56.3	67.2	93	44	54	54	70	61	.423	.427	4.63	2.28	4.4	4.7	4.9
June	29.33	29.56	29.04	71.1	77.5	86.7	62.1	74.4	97	50	60	61	68	58	.527	.553	4.23	.60	3.1	4.7	4.2
July	29.34	29.54	29.05	73.6	77.6	88.5	65.9	77.2	95	55	64	64	72	66	.599	.610	4.87	3.20	4.4	6.2	5.3
August	29.34	29.51	29.16	69.6	74.8	84.7	64.4	74.6	96	57	64	65	82	73	.593	.622	2.57	.80	4.6	4.6	5.4
September	29.39	29.77	29.06	66.9	71.8	80.2	62.2	71.2	93	49	62	63	83	74	.561	.579	4.16	1.62	5.5	3.9	5.5
October	29.31	29.66	28.89	53.5	58.9	69.3	48.8	59.0	84	36	48	50	81	74	.342	.371	3.64	2.00	3.7	3.5	4.0
November	29.43	29.97	29.06	40.2	46.7	55.5	36.2	45.8	72	19	32	34	73	63	.191	.216	1.68	1.04	4.3	3.0	4.0
December	29.43	29.70	28.95	35.1	40.6	50.0	31.7	40.8	65	7	29	31	78	68	.170	.181	3.44	1.62	4.9	3.5	5.1
Year	29.37	29.97	28.77	53.4	59.4	68.5	48.1	58.2	97	7	46	48	76	66	.356	.376	35.84	3.20	4.7	4.3	5.0

MARQUETTE, MICH.

[λ = 46° 34′ N.; φ = 87° 24′ W.; gravity corr., 0.]

January	29.19	29.77	28.48	17.0	19.3	25.5	12.3	18.9	52	— 9	14	16	87	86	.089	.099	2.77	.57	7.6	5.5	7.5
February	29.21	29.97	28.52	12.1	18.9	24.4	8.5	16.4	46	—17	8	14	83	81	.067	.090	2.03	.68	6.3	5.3	6.9
March	29.11	29.53	28.51	28.7	31.0	37.0	24.4	30.7	56	5	25	27	85	84	.144	.152	4.14	.91	7.4	6.6	7.6
April	29.21	29.58	28.40	38.9	41.9	48.0	34.1	41.0	82	17	34	34	83	74	.202	.205	1.73	1.05	7.1	5.6	6.4
May	29.16	29.61	28.45	46.1	47.8	53.2	39.9	46.6	76	29	38	37	75	71	.236	.227	8.09	1.60	6.5	5.9	6.8
June	29.15	29.39	28.80	64.2	64.2	73.0	53.9	63.4	92	36	52	51	68	64	.413	.396	1.90	.69	4.8	4.5	5.7
July	29.18	29.40	28.90	66.0	68.5	75.3	57.9	66.6	100	45	54	54	66	62	.423	.428	1.57	.34	4.4	4.9	4.7
August	29.24	29.53	28.95	59.5	62.1	69.5	52.8	61.2	88	42	51	53	75	74	.377	.408	1.78	.85	3.7	4.9	4.7
September	29.15	29.60	28.69	56.6	61.3	70.0	53.4	61.7	93	36	47	50	73	68	.343	.373	2.73	1.53	4.4	4.2	5.5
October	29.06	29.55	28.57	44.8	47.8	53.3	41.7	47.5	68	32	40	42	83	80	.253	.272	2.00	.47	7.1	6.5	7.2
November	29.19	29.88	28.40	27.2	28.4	32.7	22.5	27.6	48	— 1	24	24	87	82	.133	.133	4.58	1.38	8.5	7.4	8.4
December	29.16	29.72	28.40	26.2	28.2	32.8	23.2	27.5	50	— 2	23	24	88	84	.133	.135	2.26	.45	6.4	6.9	7.5
Year	29.17	29.97	28.40	40.6	43.3	49.6	35.3	42.4	100	—17	34	36	79	76	.234	.243	35.58	1.60	6.2	5.7	6.6

MEMPHIS, TENN.

[λ = 35° 9′ N.; φ = 90° 3′ W.; gravity corr., — 0.03.]

January	29.81	30.26	29.39	39.3	48.2	54.6	37.4	46.0	72	2	34	39	81	72	.216	.263	4.03	1.37	5.0	4.6	4.6
February	29.82	30.21	29.12	36.6	43.0	47.4	33.8	40.6	66	16	31	34	81	73	.189	.211	7.94	3.07	7.1	4.8	6.6
March	29.77	30.29	29.40	50.1	58.4	65.5	47.2	56.4	80	23	42	48	74	71	.289	.370	10.90	6.05	4.9	3.5	4.2
April	29.70	30.10	29.48	56.7	66.4	72.9	53.6	63.2	89	41	47	52	70	60	.338	.402	8.45	3.29	3.8	3.4	3.4
May	29.66	29.95	29.39	64.0	71.4	78.3	59.8	69.0	90	44	58	63	82	75	.504	.593	5.70	1.65	5.2	5.0	3.9
June	29.71	29.89	29.50	72.4	81.4	89.4	67.4	78.4	98	51	64	66	76	61	.620	.656	2.60	1.33	3.1	3.9	2.0
July	29.72	29.84	29.57	73.8	81.0	87.7	69.1	78.4	99	62	68	68	82	66	.681	.695	3.27	1.54	4.5	4.8	3.3
August	29.69	29.80	29.59	73.4	79.5	87.6	69.8	78.7	97	60	68	70	83	75	.691	.745	5.11	2.01	4.3	5.0	4.6
September	29.72	29.98	29.52	68.1	74.9	84.1	65.3	74.7	93	50	63	66	84	73	.601	.646	1.60	.70	4.3	2.9	3.6
October	29.71	29.96	29.40	55.0	66.9	75.4	52.9	64.2	87	39	47	46	74	49	.332	.337	.55	.38	2.4	1.1	1.4
November	29.87	30.15	29.51	42.8	53.4	60.4	40.3	50.4	76	24	35	34	73	49	.213	.208	.49	.44	3.1	2.1	3.1
December	29.87	30.35	29.14	40.9	47.2	53.0	38.0	45.5	73	5	34	36	78	66	.216	.222	3.88	1.31	5.0	4.1	4.1
Year	29.75	30.35	29.12	56.1	64.3	71.4	52.9	62.1	99	2	49	52	78	66	.408	.446	54.52	6.05	4.4	3.8	3.7

MERIDIAN, MISS.

[λ = 32° 21′ N.; φ = 88° 40′ W.; gravity corr., — 0.03.]

January	29.78	30.05	29.51	42.2	51.7	60.2	38.6	49.4	74	12	39	45	88	78	.266	.325	4.70	1.28	4.5	3.9	4.6
February	29.77	30.18	29.26	42.4	49.1	57.3	38.0	47.6	75	18	39	43	88	81	.263	.305	6.53	2.23	7.2	5.8	6.7
March	29.75	30.24	29.48	51.4	62.7	70.2	47.8	59.0	85	23	48	52	88	70	.366	.422	5.34	1.32	6.1	2.9	4.3
April	29.68	30.03	29.41	59.1	69.1	77.1	53.9	65.5	89	40	54	56	83	66	.437	.466	6.29	2.40	5.1	4.9	5.1
May	29.62	29.90	29.39	66.7	74.4	82.9	59.7	71.3	90	41	60	61	81	64	.540	.549	2.45	.85	3.6	4.3	4.9
June	29.70	29.85	29.52	70.7	79.4	88.2	61.9	75.0	97	46	64	64	80	61	.610	.600	3.09	1.51	3.0	4.9	4.2
July	29.68	29.81	29.50	72.5	78.8	87.3	66.5	76.9	98	60	68	68	86	71	.681	.677	6.90	1.57	5.8	5.9	6.8
August	29.66	29.79	29.52	72.5	77.4	86.2	67.2	76.7	93	63	69	71	89	80	.715	.753	6.13	2.20	6.4	6.6	6.8
September	29.66	29.90	29.46	68.0	74.8	85.4	63.5	74.4	90	52	65	68	90	80	.636	.689	5.03	1.85	4.4	4.3	4.3
October	29.67	29.89	29.45	52.2	63.9	78.0	47.9	63.0	89	34	48	51	84	64	.351	.394	.34	.34	1.5	1.3	1.7
November	29.84	30.06	29.61	43.5	53.8	64.8	39.7	52.2	79	18	38	41	82	64	.244	.280	1.34	.75	3.5	2.1	3.0
December	29.82	30.29	29.23	41.6	49.6	58.6	38.6	48.6	76	9	39	43	89	78	.267	.306	3.65	1.02	4.6	3.4	4.6
Year	29.72	30.29	29.23	56.9	65.4	74.7	51.9	63.3	98	9	53	55	86	71	.448	.480	51.79	2.40	4.6	4.2	4.8

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

LYNCHBURG, VA.

[H = 685 ft.; h_t = 83 ft.; h_r = 76 ft.; h_a = 88 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	4.2	SW.	30	NW.	0	1	5	8	5	5	14	8	10	6	10	10	11	12	10	3	0	4	1	0	14	0	0
February	5.5	SW.	35	NW.	0	0	10	2	2	7	13	5	15	2	5	13	10	13	12	2	0	1	3	0	15	1	0
March	4.9	NW.	26	NW.	0	2	7	2	4	13	7	5	19	3	11	15	5	8	4	0	0	0	0	0	8	1	2
April	5.5	NW.	26	NW.	0	3	6	7	3	8	9	4	20	0	10	13	7	11	7	0	0	1	0	0	1	2	0
May	4.1	SW.	25	NW.	0	1	3	5	9	9	14	7	11	3	8	19	4	15	12	0	1	0	0	1	0	9	0
June	3.8	SW.	25	N.	0	1	7	4	4	6	15	7	11	5	13	15	2	7	7	0	0	0	0	13	0	8	0
July	3.5	SW.	35	NW.	0	0	8	3	10	5	13	9	10	4	7	19	5	14	8	0	0	0	0	13	0	9	0
August	2.8	Calm. NE.	26	SE.	0	1	16	9	9	7	11	1	3	5	7	17	7	13	12	0	0	2	0	4	0	9	0
September	4.0	NE.	23	NE.	0	3	19	9	4	7	2	3	9	4	10	10	10	10	9	0	0	0	0	3	0	2	0
October	4.0	Calm. SW.	22	NW.	0	5	10	0	6	7	9	8	8	9	18	6	7	7	6	0	0	0	0	0	0	0	0
November	4.9	SW.	30	NW.	0	1	8	1	1	7	16	9	15	2	13	14	3	9	6	1	0	1	0	0	8	0	0
December	4.3	SW.	25	NW.	0	3	9	1	2	2	17	3	17	8	12	10	9	11	9	2	0	3	3	0	17	0	0
Year	4.3	SW.	35	NW.	0	21	108	51	59	83	140	69	148	51	124	161	80	130	102	8	1	12	7	34	63	41	2

MARQUETTE, MICH.

[H = 734 ft.; h_t = 67 ft.; h_r = 58 ft.; h_a = 95 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.2	W.	46	SW.	2	6	5	2	4	13	3	16	13	0	6	6	19	21	13	19	0	1	23	0	30	0	0
February	11.0	NW.	37	S.	0	6	6	1	1	10	6	13	13	0	3	11	14	14	8	14	0	0	20	0	28	0	3
March	12.1	NW.	41	SW.	1	7	6	2	11	7	7	9	13	0	0	17	14	20	14	15	0	4	8	0	25	2	0
April	9.9	NE.	45	S.	2	11	11	4	0	12	2	1	11	2	4	15	11	12	7	5	0	3	1	0	11	1	5
May	12.0	NW.	41	SE.	2	13	2	0	8	7	3	4	22	3	6	7	18	20	16	3	1	4	0	0	2	4	2
June	7.8	N.	38	S.	0	12	4	2	4	10	5	8	10	5	8	12	10	10	6	0	0	1	0	1	0	6	4
July	9.3	NW.	38	E.	0	12	7	3	4	4	9	9	14	0	14	10	7	10	7	0	0	1	0	3	0	8	8
August	9.0	N.	44	SW.	1	17	4	1	3	8	4	9	12	4	13	10	8	7	6	0	0	2	0	0	0	3	1
September	11.7	S.	44	SW.	1	5	2	0	8	16	9	14	6	0	12	6	12	11	7	0	1	2	0	2	0	0	1
October	11.4	S.	38	S.	0	9	3	1	7	14	8	7	13	0	5	6	20	14	14	0	0	2	0	0	0	1	0
November	12.0	NW.	48	SW.	3	7	3	2	5	10	9	10	14	0	1	3	26	21	15	18	0	0	13	0	25	0	3
December	10.9	NW.	40	S.	1	3	3	0	2	15	5	17	17	0	5	7	19	18	13	14	0	1	11	0	24	0	2
Year	10.6	NW.	48	SW.	13	108	56	18	63	126	70	117	158	14	77	110	178	178	126	88	2	21	76	6	145	25	29

MEMPHIS, TENN.

[H = 330 ft.; h_t = 108 ft.; h_r = 100 ft.; h_a = 116 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.7	SE.	37	SE.	0	2	9	9	12	16	2	3	9	0	14	6	11	11	10	1	0	1	3	0	5	0	0
February	9.5	NE.	40	SE.	1	5	13	3	9	6	4	5	10	1	7	7	14	13	11	3	1	2	4	0	13	1	0
March	9.1	SE.	40	SE.	1	5	7	4	17	12	8	1	8	0	17	5	9	12	10	1	0	0	0	0	3	5	0
April	8.1	SE.	34	SW.	0	2	6	12	13	12	4	6	5	0	15	8	7	9	7	0	0	0	0	0	0	5	0
May	7.1	NW.	36	NW.	0	5	7	6	5	9	8	6	16	0	17	8	6	13	11	0	1	0	0	0	0	8	0
June	5.9	W.	34	SE.	0	2	4	5	10	12	8	15	4	0	23	5	2	5	3	0	1	1	0	19	0	5	0
July	4.9	NW.	30	NW.	0	6	9	7	7	10	5	12	4	2	17	9	5	8	6	0	0	0	0	9	0	7	0
August	5.2	NE.	36	SE.	0	3	17	10	7	5	7	9	4	0	13	8	10	13	12	0	0	2	0	12	0	3	0
September	6.1	SE.	26	NW.	0	10	9	2	21	5	4	3	5	1	16	7	7	7	4	0	0	1	0	4	0	2	0
October	6.5	S.	36	SW.	0	8	5	7	6	13	8	8	7	0	25	5	1	3	2	0	0	0	0	0	0	1	0
November	7.9	NW.	32	NW.	0	5	5	2	11	12	5	4	15	1	17	11	2	3	1	0	0	1	0	0	3	1	0
December	7.4	NW.	29	NW.	0	12	7	5	4	13	5	4	11	1	17	5	9	10	9	2	0	0	2	0	6	0	0
Year	7.1	NW.	40	SE.	2	65	98	72	122	125	68	76	98	6	198	84	83	107	86	7	3	8	9	44	30	38	0

MERIDIAN, MISS.

[H = 358 ft.; h_t = 68 ft.; h_r = 58 ft.; h_a = 72 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	5.7	NE.	25	W.	0	10	15	6	10	4	5	3	2	7	14	8	9	12	11	0	0	2	0	0	9	0	0
February	7.7	N.	34	SW.	0	15	6	4	4	10	5	3	5	4	8	3	17	12	11	0	0	0	0	0	9	3	0
March	7.8	S.	43	S.	1	11	5	5	13	14	7	0	2	5	14	10	7	9	9	0	0	2	0	0	5	3	0
April	6.2	NE.	30	SW.	0	7	13	1	6	12	8	3	4	6	11	11	8	9	8	0	0	0	0	0	0	7	0
May	5.4	SW.	27	NW.	0	5	7	5	3	12	14	2	9	5	8	19	4	8	8	0	0	0	0	0	0	9	0
June	4.2	SW.	31	SE.	0	2	5	6	4	7	17	5	8	6	12	13	5	7	7	0	0	0	0	10	0	9	0
July	4.2	SW.	27	S.	0	3	13	5	4	5	18	4	7	3	4	12	15	16	12	0	0	0	0	9	0	10	0
August	3.9	SW.	24	SW.	0	4	4	9	5	6	16	5	7	6	2	16	13	15	9	0	0	0	0	7	0	8	0
September	4.4	NE.	24	N.	0	9	20	4	5	6	0	2	4	10	12	11	7	7	6	0	0	0	0	2	0	5	0
October	4.5	NE.	26	N.	0	10	19	6	2	2	4	2	7	10	24	5	2	2	2	0	0	0	0	0	0	0	0
November	5.4	N.	38	SW.	0	13	8	5	5	8	7	2	9	3	19	6	5	3	3	0	0	1	0	0	7	2	0
December	5.7	N.	26	S.	0	14	12	2	5	11	5	3	6	4	14	7	10	11	10	0	0	6	1	0	10	1	0
Year	5.4	NE.	43	S.	1	103	127	58	66	97	106	34	70	69	142	121	102	111	96	0	0	11	1	28	40	57	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

MILES CITY, MONT.

[λ = 46° 25′ N.; φ = 105° 49′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	27.43	28.17	26.98	5.0	11.2	18.4	0.1	9.2	46	—30	3	8	92	88	.061	.074	.73	.28	3.7	5.0	5.7
February	27.48	27.97	26.86	1.1	16.4	23.5	—2.1	10.7	48	—25	0	11	95	81	.050	.079	.07	.06	2.2	4.2	3.3
March	27.41	28.10	26.91	22.7	32.4	37.6	19.7	28.6	62	— 3	20	24	88	72	.114	.131	4.03	2.82	6.6	6.7	6.4
April	27.39	27.71	26.88	40.4	55.8	59.4	37.9	48.6	76	27	33	33	76	46	.192	.200	1.44	.41	6.0	6.8	5.8
May	27.38	27.84	26.86	50.7	67.3	70.7	46.4	58.6	87	27	39	38	62	37	.245	.240	3.52	2.51	4.6	5.3	5.4
June	27.33	27.61	26.98	59.8	76.6	81.1	55.6	68.4	90	46	48	48	65	38	.338	.348	2.14	.72	3.9	4.4	3.8
July	27.50	27.76	27.16	64.6	85.2	89.1	60.3	74.7	103	48	47	42	55	24	.329	.284	.27	.10	3.6	4.6	2.4
August	27.49	27.73	27.20	63.2	85.2	90.5	60.2	75.4	100	52	46	44	54	25	.314	.293	.40	.20	4.2	3.1	1.6
September	27.41	27.86	26.84	48.0	65.9	71.8	45.6	58.7	93	33	35	34	61	33	.205	.200	.72	.40	5.5	5.4	5.5
October	27.37	27.79	26.81	37.8	51.8	59.9	34.8	47.4	77	23	31	33	78	52	.175	.193	1.86	1.18	4.8	4.9	4.4
November	27.51	27.98	26.85	29.2	38.3	46.4	24.6	35.5	72	2	23	25	78	61	.125	.138	.45	.17	6.0	4.5	6.7
December	27.52	28.32	26.82	16.2	26.2	35.1	11.7	23.6	53	—20	10	19	75	72	.072	.111	.23	.20	3.4	2.8	2.6
Year	27.44	28.32	26.81	36.6	51.0	57.0	32.9	45.0	103	—30	28	30	73	52	.185	.191	15.86	2.82	4.5	4.8	4.5

MILWAUKEE, WIS.

[λ = 43° 2′ N.; φ = 87° 54′ W.; gravity corr., 0.]

January	29.32	29.86	28.66	21.5	26.2	31.2	17.9	24.6	54	—14	17	20	81	76	.108	.123	1.64	1.16	6.0	4.6	6.2
February	29.35	30.09	28.46	16.6	23.3	28.7	14.1	21.4	47	— 3	10	16	74	73	.077	.100	1.63	.83	5.1	3.2	5.3
March	29.25	29.70	28.70	35.1	40.1	46.2	31.6	38.9	66	9	29	32	77	73	.172	.197	2.53	.84	5.9	4.0	6.0
April	29.28	29.59	28.81	43.3	45.5	51.8	39.1	45.4	70	30	38	39	82	79	.230	.246	2.89	1.17	6.2	5.5	6.3
May	29.22	29.65	28.77	50.5	54.8	62.3	45.5	53.9	87	34	46	49	85	81	.317	.355	4.66	1.35	5.5	4.3	5.8
June	29.26	29.52	28.94	66.4	70.1	79.0	58.5	68.8	93	38	59	60	78	72	.524	.542	3.44	1.36	5.5	3.9	4.5
July	29.30	29.51	29.08	69.4	75.7	81.8	63.2	72.5	96	50	61	62	74	64	.541	.559	1.08	.67	4.4	3.3	4.0
August	29.32	29.54	29.08	65.2	70.9	77.2	61.0	69.1	97	47	57	58	76	67	.475	.495	.29	.15	4.6	3.4	5.7
September	29.30	29.72	28.97	60.2	65.8	71.7	56.8	64.2	94	39	53	55	77	70	.421	.461	5.06	1.80	3.6	3.9	4.4
October	29.18	29.58	28.77	46.4	50.7	56.5	43.3	49.9	76	32	40	42	79	73	.256	.272	2.05	.54	5.5	4.2	6.6
November	29.31	29.93	28.71	30.2	33.9	37.5	26.2	31.8	55	6	22	24	71	65	.129	.132	1.68	.58	6.2	5.2	7.3
December	29.33	29.77	28.63	28.5	31.8	36.9	25.7	31.3	56	— 3	21	24	72	70	.129	.136	.84	.45	5.8	5.0	6.2
Year	29.28	30.09	28.46	44.4	49.1	55.1	40.2	47.6	97	—14	38	40	77	72	.282	.302	27.79	1.80	5.4	4.2	5.7

MINNEAPOLIS, MINN.

[λ = 44° 59′ N.; φ = 93° 18′ W.; gravity corr., 0.]

January						20.9	3.8	12.4	44	—24							1.12	.26			
February						25.0	6.4	15.7	42	—12							.03	.02			
March						45.6	27.2	36.4	76	— 2							2.72	1.10			
April						58.0	40.9	49.4	77	23							4.61	1.49			
May						70.0	47.8	58.9	86	38							4.77	1.15			
June						84.1	62.1	73.1	93	40							1.15	.44			
July						89.1	64.7	76.9	100	54							.20	.14			
August						84.2	60.4	72.3	96	49							.38	.21			
September						75.9	52.6	64.2	94	37							1.52	.77			
October						58.6	41.2	49.9	76	33							4.54	1.77			
November						36.4	20.4	28.4	53	— 2							.40	.16			
December						35.4	21.0	28.2	52	—14							1.40	1.08			
Year						56.9	37.4	47.2	100	—24							22.84	1.77			

MOBILE, ALA.

[λ = 30° 41′ N.; φ = 88° 2′ W.; gravity corr., —0.04.]

January	30.12	30.39	29.91	48.3	56.2	65.0	45.6	55.3	77	24	46	49	90	79	.343	.382	3.97	1.14	4.6	3.9	5.1
February	30.11	30.53	29.72	47.9	53.5	60.4	45.5	53.0	77	30	44	48	88	83	.315	.363	9.46	2.93	6.0	6.2	6.4
March	30.10	30.55	29.86	56.6	61.6	67.6	53.4	60.5	78	30	54	57	91	85	.452	.491	11.51	6.16	5.4	4.2	5.5
April	30.02	30.32	29.80	64.2	69.9	76.4	61.0	68.7	83	51	58	61	82	76	.512	.557	1.98	.70	5.7	5.5	6.0
May	29.95	30.20	29.66	70.4	74.2	82.7	65.2	74.0	90	52	64	64	79	72	.600	.608	1.44	.48	3.2	5.5	4.5
June	30.02	30.16	29.86	74.8	79.4	86.5	69.5	78.0	101	54	67	68	78	70	.678	.707	1.84	.71	4.2	6.6	4.4
July	30.00	30.13	29.82	76.1	78.6	87.3	71.7	79.5	95	68	72	71	86	79	.777	.764	5.91	1.55	4.9	7.9	5.6
August	29.98	30.13	29.85	75.5	78.8	87.9	72.6	80.2	91	69	72	73	90	82	.793	.803	4.49	1.05	5.5	7.2	6.0
September	29.97	30.20	29.79	72.3	77.8	86.4	69.9	78.2	91	61	69	70	89	77	.715	.735	4.37	1.71	2.8	4.9	4.2
October	29.98	30.20	29.45	60.1	69.9	78.9	57.8	68.4	89	46	56	59	85	69	.456	.518	4.31	3.39	1.8	1.6	1.6
November	30.18	30.40	29.95	49.6	58.7	66.6	48.0	57.3	78	29	46	50	87	75	.330	.385	.21	.10	2.4	2.0	2.3
December	30.16	30.69	29.65	47.9	55.2	62.4	45.1	53.8	73	16	45	50	89	84	.330	.392	4.42	2.02	3.5	3.5	3.4
Year	30.05	30.69	29.45	62.0	67.8	75.7	58.8	67.2	101	16	58	60	86	78	.525	.558	53.91	6.16	4.2	4.9	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

MILES CITY, MONT.

[H = 2,374 ft.; h_t = 40 ft.; h_r = 34 ft.; h_s = 53 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	4.3	SW.	33	W.	0	7	3	0	9	8	14	2	10	9	8	13	10	12	5	12	0	0	23	0	31	0	3
February	2.3	S.	13	SE.	0	0	1	2	4	18	6	6	3	16	16	7	5	2	1	2	0	0	18	0	28	0	3
March	7.2	NW.	40	N.	1	6	1	2	9	7	12	8	14	3	6	12	13	12	9	9	0	0	11	0	25	0	0
April	8.6	SE.	39	NW.	0	4	4	1	14	4	3	13	10	7	5	16	9	11	7	1	0	1	0	0	10	1	0
May	8.5	NE.	36	NE.	0	4	13	7	12	2	4	5	10	5	9	12	10	8	6	0	0	0	0	0	1	1	0
June	7.8	NW.	36	SW.	0	9	5	3	9	1	6	10	10	7	13	13	4	11	11	0	0	0	0	0	0	3	1
July	4.7	Calm. NW.	30	W.	0	1	2	4	7	3	6	5	14	20	19	10	2	6	3	0	0	0	0	15	0	0	0
August	5.9	Calm. SE.	36	E.	0	4	5	8	13	1	1	3	11	16	24	6	1	3	3	0	1	1	0	18	0	1	1
September	6.0	SE.	30	W.	0	5	4	4	13	4	3	7	11	9	7	14	9	8	5	0	0	1	0	1	0	0	3
October	6.8	Calm. W.	36	SW.	0	1	7	3	8	8	5	11	6	13	17	6	8	11	7	3	0	0	0	0	9	0	2
November	7.4	S.	36	NW.	0	3	6	1	7	12	7	10	10	4	5	10	15	6	5	3	0	0	4	0	24	0	0
December	4.8	SW.	36	NW.	0	2	4	2	11	14	16	2	8	3	20	9	2	3	2	1	0	2	10	0	31	0	0
Year	6.2	NW.	40	N.	1	46	55	37	116	82	83	82	117	112	149	128	88	93	64	31	1	5	66	34	159	6	13

MILWAUKEE, WIS.

[H = 673 ft.; h_t = 106 ft.; h_r = 100 ft.; h_s = 149 feet.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	11.1	W.	38	NW.	0	4	4	0	9	5	10	19	11	0	6	11	14	10	6	6	0	3	16	0	24	0	0
February	12.5	SW.	42	NE.	1	5	3	1	1	7	13	13	13	0	9	13	6	7	3	6	0	0	16	0	27	0	2
March	12.6	SW.	50	W.	2	1	7	2	9	19	10	12	10	1	4	20	7	10	8	3	0	3	4	0	13	4	1
April	9.9	NE.	39	NE.	0	7	14	7	13	4	5	5	3	2	6	11	13	14	8	2	0	2	0	0	1	2	0
May	11.6	NE.	40	NE.	1	12	12	6	11	2	9	6	4	0	8	15	8	14	10	1	1	5	0	0	0	5	0
June	8.7	SW	32	SW.	0	5	5	4	13	6	11	11	5	0	10	16	4	7	6	0	0	0	0	4	0	9	1
July	8.6	SE.	35	W.	0	8	5	4	10	4	9	14	7	1	12	17	2	4	3	0	0	0	0	8	0	3	0
August	8.6	NE.	29	NW.	0	4	16	0	12	5	11	6	7	1	10	11	10	4	2	0	0	2	0	3	0	1	0
September	9.6	S.	36	NW.	0	1	4	4	10	19	9	9	4	0	14	9	7	11	9	0	0	3	0	1	0	3	0
October	9.7	SE.	31	SW.	0	5	1	3	17	6	10	13	6	1	5	13	13	13	10	0	0	2	0	0	1	2	0
November	11.3	NW.	33	SW.	0	1	4	0	4	13	6	14	17	1	2	11	17	9	8	7	0	2	6	0	22	0	0
December	11.8	W.	35	SW.	0	2	3	0	5	8	12	18	16	0	7	10	14	6	4	0	0	2	9	0	21	0	0
Year	10.5	SW.	50	W.	4	55	78	31	112	89	115	140	103	7	93	157	115	109	77	25	1	24	51	16	109	29	4

MINNEAPOLIS, MINN.

[H = — ft.; h_t = 99 ft.; h_r = 95 ft.; h_s = 192 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.7	SE.	....	.....	....	0	4	1	10	4	6	4	2	0	8	13	10	13	8	13	0	2	21	0	28	0	0
February	10.1	NW.	....	.....	....	1	3	0	3	7	2	1	11	0	12	6	10	3	0	3	0	0	18	0	28	0	3
March	12.1	SE.	....	.....	....	2	2	2	8	3	5	6	3	0	9	8	14	12	11	7	1	0	2	0	17	2	2
April	9.5	NE.	....	.....	....	2	9	3	3	7	1	5	0	0	6	7	17	15	14	2	0	0	0	0	6	3	0
May	11.6	NE.	....	.....	....	7	8	0	2	6	2	4	2	0	12	11	8	12	9	0	1	0	0	0	0	10	0
June	9.2	S.	....	.....	....	2	0	2	3	12	4	4	3	0	10	16	4	8	6	0	1	0	0	4	0	5	0
July	9.8	S.	....	.....	....	1	2	2	3	7	5	6	5	0	13	13	5	5	1	0	0	0	0	15	0	7	0
August	7.6	N.	....	.....	....	7	6	1	1	5	4	3	4	0	7	17	7	4	4	0	0	0	0	6	0	3	1
September	10.5	S.	....	.....	....	1	4	0	4	11	1	8	1	0	16	8	6	3	3	0	0	0	0	2	0	4	0
October	11.2	S.	....	.....	....	4	2	2	2	7	1	6	6	1	8	10	13	15	11	1	0	1	0	0	0	5	1
November	10.4	NW.	....	.....	....	2	0	0	4	5	4	5	10	0	5	10	15	5	3	3	0	1	10	0	25	0	0
December	10.4	NW.	....	.....	....	1	1	1	3	8	2	4	11	0	9	6	16	8	4	5	0	2	12	0	24	0	0
Year	10.1	S.	....	.....	....	30	41	14	46	82	37	56	58	1	115	125	125	103	74	34	3	6	63	27	128	39	7

MOBILE, ALA.

H = 57 ft.; h_t = 87 ft.; h_r = 78 ft.; h_s = 96 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.7	N.	30	N.	0	17	1	2	6	16	4	2	14	0	13	6	12	14	9	0	0	3	0	0	4	2	0
February	9.3	N.	46	SW.	1	18	5	2	7	6	5	2	11	0	7	7	14	17	15	0	0	4	0	0	3	4	0
March	9.7	S.	44	NW.	1	14	6	3	9	19	5	2	4	0	11	11	9	14	11	0	1	4	0	0	2	6	0
April	8.6	S.	30	S.	0	10	5	6	4	19	7	5	3	1	5	14	11	10	7	0	0	0	0	0	0	5	0
May	7.3	N.	30	NW.	0	17	6	1	2	12	10	6	7	1	10	17	4	11	7	0	0	0	0	0	0	9	0
June	7.0	S.	24	S.	0	13	3	5	6	13	12	4	4	0	9	20	1	13	8	0	0	0	0	2	0	11	0
July	6.0	N.	28	NE.	0	17	4	7	3	9	5	8	8	1	1	29	1	17	11	0	0	0	0	3	0	18	0
August	6.7	W.	36	SE.	0	13	0	0	3	6	13	14	13	0	3	22	6	22	15	0	0	0	0	4	0	15	0
September	7.1	N.	29	S.	0	25	2	6	1	8	7	2	9	0	14	12	4	11	8	0	0	0	0	3	0	4	0
October	7.9	N.	48	N.	1	26	4	0	1	6	9	2	14	0	26	2	3	5	3	0	0	1	0	0	0	1	0
November	6.9	NW.	26	NW.	0	11	6	2	10	5	3	2	20	1	23	6	1	4	2	0	0	3	0	0	1	0	0
December	8.3	N.	31	NW.	0	21	2	2	5	14	2	2	14	0	17	12	2	9	8	0	0	3	1	0	5	4	0
Year	7.7	N.	48	N.	3	202	44	36	57	133	82	51	121	4	139	158	68	147	104	0	1	18	1	12	15	79	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

MONTGOMERY, ALA.

[λ = 32° 23′ N.; φ = 86° 18′ W.; gravity corr., −0.03.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.92	30.18	29.69	45.3	54.6	61.6	42.6	52.1	78	21	42	46	88	73	.290	.327	2.58	.86	5.5	4.0	5.6
February	29.89	30.31	29.39	45.4	53.2	59.2	42.7	51.0	76	25	40	43	83	71	.273	.308	6.98	1.74	6.9	5.5	7.0
March	29.88	30.36	29.69	53.5	64.4	71.3	49.8	60.6	86	25	48	48	83	58	.377	.365	4.88	1.50	6.5	2.8	5.0
April	29.80	30.14	29.48	59.8	69.9	78.0	55.5	66.8	90	43	52	51	75	53	.404	.394	3.49	.94	5.1	4.1	4.5
May	29.73	30.04	29.40	68.4	75.1	84.9	62.7	73.8	94	45	60	60	75	60	.530	.525	2.56	1.64	4.7	5.4	4.6
June	29.81	30.01	29.60	74.8	82.2	90.7	67.4	79.0	100	52	63	62	68	53	.603	.566	2.45	1.51	2.5	4.5	4.5
July	29.79	29.96	29.58	75.1	79.5	89.3	70.4	79.8	98	64	68	68	81	71	.698	.700	4.38	1.09	6.7	7.3	6.6
August	29.78	29.91	29.66	74.9	78.8	88.4	70.5	79.4	97	64	71	71	87	78	.751	.761	4.76	1.42	6.4	6.6	6.6
September	29.79	30.08	29.53	71.6	78.8	87.4	67.4	77.4	92	59	66	67	82	68	.638	.663	.85	.45	4.1	3.3	4.1
October	29.78	30.04	29.43	57.7	69.6	77.6	54.6	66.1	90	41	52	54	81	58	.398	.429	2.96	2.11	2.8	1.3	2.9
November	29.97	30.26	29.70	46.2	57.5	66.0	43.5	54.8	79	26	40	43	80	61	.267	.304	.73	.59	3.9	1.9	3.6
December	29.94	30.43	29.43	44.6	53.7	61.1	42.1	51.6	75	13	41	44	87	71	.290	.322	4.73	1.53	5.0	3.[illegible]	4.6
Year	29.84	30.43	29.39	59.8	68.1	76.3	55.8	66.0	100	13	54	55	81	65	.460	.472	41.35	2.11	5.0	4.2	5.0

MOORHEAD, MINN.

[λ = 46° 52′ N.; φ = 96° 44′ W.; gravity corr., +0.01.]

January	29.03	29.66	28.48	−2.9	2.8	7.6	−8.0	−0.2	38	−34	−6	−1	87	82	.041	.051	.22	.07	6.2	3.6	5.0
February	29.02	29.74	28.36	3.4	13.2	17.2	0.3	8.8	41	−22	0	9	84	80	.046	.072	.36	.31	5.4	3.8	4.8
March	28.90	29.61	28.42	21.7	30.1	35.1	19.8	27.4	53	−11	18	24	84	79	.109	.138	1.82	.86	6.5	5.5	6.5
April	28.91	29.31	28.17	38.9	47.0	50.4	35.7	43.0	77	20	35	39	86	76	.214	.249	2.99	.74	7.0	7.3	7.7
May	28.92	29.36	28.32	50.3	62.4	67.5	43.8	55.6	95	32	42	44	76	53	.283	.300	2.83	1.12	4.6	4.5	5.1
June	28.87	29.25	28.44	64.1	75.6	81.7	56.7	69.2	96	36	54	56	71	54	.438	.468	7.70	4.08	3.6	3.2	4.4
July	28.95	29.26	28.61	62.3	79.2	85.2	56.5	70.8	102	46	53	61	72	55	.414	.545	1.03	.64	3.5	3.2	3.7
August	29.00	29.25	28.66	58.8	75.5	81.9	54.5	68.2	94	41	51	58	77	57	.386	.499	1.08	.52	2.7	2.6	3.0
September	28.88	29.44	28.52	49.4	63.9	72.5	45.8	59.2	98	28	42	44	77	54	.292	.312	.87	.54	3.0	4.1	4.3
October	28.82	29.33	28.11	37.4	47.9	54.4	35.1	44.8	72	26	33	40	85	76	.194	.256	3.06	.92	5.2	4.4	5.4
November	29.02	29.67	28.17	19.7	25.0	31.0	14.6	22.8	53	−14	17	20	87	78	.105	.114	.19	.08	6.3	4.6	6.5
December	28.99	29.88	28.36	17.1	22.7	29.1	12.2	20.6	46	−20	14	17	85	77	.087	.103	.28	.16	5.8	3.2	4.8
Year	28.94	29.88	28.11	35.0	45.4	51.1	30.6	40.8	102	−34	29	34	81	68	.217	.259	22.43	4.08	5.0	4.2	5.1

NANTUCKET, MASS.

[λ = 41° 17′ N.; φ = 70° 6′ W.; gravity corr., −0.01.]

January	30.11	30.65	28.81	33.4	33.8	37.7	28.8	33.2	50	8	28	28	80	80	.160	.163	3.14	1.59	6.4	4.6	6.3
February	30.11	30.80	29.26	30.1	30.1	34.5	24.7	29.6	47	2	24	25	78	80	.142	.142	3.11	.90	6.4	5.8	6.0
March	30.08	30.53	29.50	39.0	39.4	44.3	34.3	39.3	52	22	33	34	80	82	.195	.201	1.89	.78	4.3	4.1	5.3
April	30.01	30.45	29.58	42.6	41.4	47.4	37.2	42.3	59	22	37	36	80	83	.224	.222	2.24	.90	5.0	5.6	6.0
May	29.98	30.42	29.59	53.6	50.7	58.8	46.3	52.6	73	38	47	46	81	86	.330	.320	1.88	.81	4.3	4.0	5.8
June	30.00	30.28	29.65	61.3	59.3	67.0	55.6	61.3	82	46	56	56	85	89	.466	.458	.81	.45	3.9	4.6	5.1
July	30.00	30.28	29.76	69.8	66.2	74.7	62.7	68.7	85	58	64	64	83	92	.605	.598	.29	.15	2.9	4.5	4.6
August	30.02	30.20	29.77	67.0	64.5	71.8	61.1	66.4	79	54	61	60	82	88	.544	.537	1.20	.90	6.0	3.8	5.5
September	30.11	30.55	29.71	65.4	63.2	70.0	60.0	65.0	79	51	58	59	80	86	.506	.510	1.90	.74	5.1	3.0	5.6
October	30.00	30.38	29.52	55.1	54.9	59.5	50.3	54.9	68	40	48	48	78	78	.345	.339	10.05	3.40	5.0	4.2	4.9
November	30.05	30.65	29.28	42.3	42.3	46.6	36.6	41.6	61	19	33	35	70	75	.211	.220	2.80	.86	4.8	4.1	5.9
December	30.11	30.46	29.57	36.1	36.5	40.9	31.5	36.2	56	11	30	30	79	79	.179	.178	5.83	2.62	5.5	5.0	5.5
Year	30.05	30.80	28.81	49.6	48.5	54.4	44.1	49.3	85	2	43	43	80	83	.326	.324	35.14	3.40	5.0	4.4	5.5

NARRAGANSETT PIER, R. I.

[λ = 41° 19′ N.; φ = 71° 17′ W.; gravity corr., —.]

January						40.1	21.8	31.0	58	0							2.41	.82			
February						35.1	17.3	26.2	44	−7							4.68	1.80			
March						46.5	32.3	39.4	59	15							1.97	.60			
April						51.3	36.9	44.1	70	12							2.47	.70			
May						63.6	47.2	55.4	83	36							3.69	.90			
June						74.8	56.9	65.8	91	42							.88	.45			
July						79.4	63.0	71.2	87	52							.71	.37			
August						73.8	59.5	66.7	79	43							2.62	1.62			
September						71.4	57.4	64.4	79	43							2.40	1.81			
October						60.9	45.2	53.0	76	32							8.11	1.88			
November						50.3	30.3	40.3	62	12							4.83	2.18			
December						41.7	24.9	33.3	56	7							3.89	1.80			
Year						57.4	41.1	49.2	91	−7							38.66	2.18			

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

MONTGOMERY, ALA.

[H = 257 ft.; h_t = 99 ft.; h_r = 92 ft.; h_a = 110 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	5.3	E.	30	NW.	0	9	10	11	9	7	4	2	6	4	10	9	12	9	9	0	0	1	0	0	7	1	0
February	8.1	SE.	36	SW.	0	9	9	6	11	4	3	7	5	2	5	10	13	18	13	0	0	2	0	0	5	3	0
March	6.5	S.	29	NW.	0	5	2	8	8	14	4	5	12	4	10	14	7	11	8	0	0	0	0	0	3	5	0
April	6.3	N.	32	SW.	0	12	6	3	8	8	8	9	4	2	11	14	5	8	7	0	1	0	0	0	0	6	0
May	6.0	W.	32	W.	0	10	6	6	5	7	10	13	4	1	8	20	3	10	7	0	0	0	0	5	0	6	0
June	5.1	SW.	24	NW.	0	7	11	6	7	3	12	10	4	0	14	11	5	7	4	0	0	0	0	19	0	7	0
July	5.2	SW.	32	NW.	0	7	10	12	5	4	14	4	5	1	2	17	12	17	10	0	0	0	0	16	0	6	0
August	5.2	W.	26	NW.	0	10	6	8	4	6	5	16	5	2	1	18	12	17	14	0	0	0	0	13	0	6	0
September	6.4	E.	24	NW.	0	11	11	18	2	5	3	3	7	0	14	13	3	7	6	0	0	0	0	7	0	1	0
October	5.7	N.	24	NE.	0	12	8	11	6	3	7	6	9	0	21	8	2	5	5	0	0	0	0	1	0	0	0
November	5.9	NW.	32	SW.	0	9	5	7	13	4	4	4	14	0	17	9	4	4	2	0	0	2	0	0	3	1	0
December	6.0	NW.	35	S.	0	10	6	5	11	5	2	6	17	0	15	6	10	11	10	0	0	3	1	0	5	3	0
Year	6.0	N.	36	SW.	0	111	90	101	89	70	76	85	92	16	128	149	88	124	95	0	1	8	1	61	23	45	0

MOORHEAD, MINN.

[H = 935 ft.; h_t = 54 ft.; h_r = 44 ft.; h_a = 60 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.6	N.	42	W.	1	18	0	1	7	17	2	7	9	1	12	11	8	6	2	5	0	0	27	0	31	0	0
February	11.6	NW.	38	SE.	0	7	1	1	7	9	7	9	15	0	10	14	4	5	2	5	0	0	23	0	28	0	0
March	12.9	NW.	60	NW.	3	12	4	1	8	9	2	11	15	0	5	16	10	10	7	8	0	0	10	0	27	0	0
April	12.1	N.	40	SE.	1	13	4	2	12	10	3	3	12	1	1	12	17	17	11	6	0	1	1	9	11	2	0
May	11.9	N.	42	NW.	4	15	8	9	7	7	2	4	10	0	10	14	7	7	7	0	1	0	0	1	1	2	0
June	12.2	S.	45	SE.	3	9	1	3	17	15	5	5	4	1	10	19	1	10	8	0	0	0	0	3	0	7	0
July	8.6	S.	36	NW.	0	12	1	3	3	19	1	13	10	0	18	10	3	4	4	0	0	0	0	8	0	3	0
August	8.1	N.	42	SE.	1	22	7	2	8	13	2	2	4	2	18	10	3	7	6	0	0	1	0	3	0	4	0
September	12.7	S.	48	SE.	2	9	1	0	12	17	0	6	15	0	13	12	5	6	2	0	0	1	0	2	3	1	0
October	12.3	NW.	44	SE.	1	7	2	3	11	11	0	5	23	0	11	9	11	10	10	3	0	3	0	0	10	1	0
November	12.8	NW.	45	NW.	2	14	0	0	6	17	1	4	16	2	5	14	11	4	3	3	0	0	13	0	26	0	0
December	10.6	S.	38	NW.	0	9	3	3	7	14	5	5	15	1	12	12	7	5	2	5	0	1	14	0	31	0	0
Year	11.4	S.	60	NW.	18	147	32	28	105	158	30	74	148	8	125	153	87	91	64	35	1	7	88	17	168	20	0

NANTUCKET, MASS.

[H = 14 ft.; h_t = 43 ft.; h_r = 38 ft.; h_a = 54 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	13.5	N.	58	SE.	5	17	6	3	7	5	7	6	11	0	9	7	15	13	10	3	0	2	6	0	23	0	0
February	14.2	N.	58	SE.	3	11	13	1	7	5	7	4	8	0	7	10	11	14	14	8	0	0	11	0	23	0	1
March	11.8	N.	34	NW.	0	13	8	3	3	5	11	9	10	0	11	13	7	10	9	1	0	5	1	0	5	0	2
April	15.9	NE.	60	SE.	6	2	19	3	6	0	9	17	4	0	10	9	11	13	8	2	0	3	0	0	4	0	0
May	11.1	SW.	38	SE.	0	5	3	1	10	5	19	14	5	0	8	13	10	11	8	0	0	9	0	0	0	1	0
June	10.4	W.	28	N.	0	5	1	2	4	3	15	24	6	0	12	9	9	8	5	0	0	6	0	0	0	3	0
July	9.4	W.	26	SE.	0	3	2	3	3	2	14	29	6	0	14	12	5	3	3	0	0	9	0	0	0	1	0
August	8.7	W.	27	NE.	0	4	9	5	7	7	8	17	5	0	10	12	9	7	4	0	0	1	0	0	0	1	0
September	10.1	W.	42	SE.	1	6	3	5	13	5	11	15	2	0	9	9	12	8	5	0	0	4	0	0	0	0	0
October	13.8	SE.	54	SE.	2	9	3	7	13	2	9	9	10	0	13	9	9	14	10	0	0	2	0	0	0	0	0
November	13.7	N.	60	NE.	1	19	5	4	5	5	3	9	10	0	11	7	12	14	13	1	1	0	1	0	9	0	0
December	12.1	N.	48	SE.	1	16	12	3	6	0	11	4	10	0	11	8	12	14	12	3	0	0	4	0	11	0	0
Year	12.1	W.	60	SE. NE.	19	110	84	40	84	44	124	157	87	0	125	118	122	129	101	18	1	41	23	0	75	6	3

NARRAGANSETT PIER, R. I.

[H = — ft.; h_t = 10 ft.; h_r = 1 ft.; h_a = 38 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	NW.	....	.....	4	1	10	1	1	1	6	0	11	0	17	2	12	13	10	2	0	1	3	0	28	0	0
February	.....	NW.	....	.....	4	4	3	1	0	0	9	0	11	0	15	2	11	14	11	8	0	0	10	0	25	0	1
March	.....	SW.	....	.....	0	0	7	0	4	1	12	1	6	0	19	1	11	13	9	5	0	0	0	0	11	0	2
April	.....	SW.	....	.....	4	4	4	2	0	4	12	1	3	0	11	3	16	10	8	5	1	0	0	0	3	1	0
May	.....	SW.	....	.....	0	0	6	1	4	4	12	2	2	0	14	0	17	10	9	0	0	2	0	0	0	1	0
June	.....	SW.	....	.....	0	0	2	0	0	7	19	0	2	0	13	0	17	8	5	0	0	6	0	1	0	1	0
July	.....	SW.	....	.....	0	1	4	2	0	4	14	5	1	0	19	1	11	5	4	0	0	1	0	0	0	1	0
August	.....	SW.	....	.....	0	1	5	2	0	4	14	3	2	0	19	0	12	7	5	0	0	0	0	0	0	4	0
September	.....	SW.	....	.....	1	1	7	0	1	3	12	2	4	0	14	4	12	7	6	0	0	0	0	0	0	0	0
October	.....	NE.	....	.....	2	1	11	0	1	0	10	1	7	0	18	3	10	14	11	0	0	0	0	0	0	2	0
November	.....	SW.	....	.....	0	0	4	0	1	0	13	1	11	0	16	2	12	14	10	1	1	0	1	0	18	0	0
December	.....	NW.	....	.....	0	2	6	0	4	0	5	3	11	0	17	4	10	9	7	0	0	0	3	0	23	0	0
Year	.....	SW.	....	.....	15	15	69	9	16	28	138	19	71	0	192	22	151	124	95	21	2	10	17	1	108	10	3

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

NASHVILLE, TENN.

[λ = 36° 10′ N.; φ = 86° 47′ W.; gravity corr., — 0.02.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.58	29.99	29.24	37.8	46.1	51.2	34.7	43.0	68	— 2	33	38	85	75	.208	.256	4.28	1.12	5.5	4.8	6.7
February	29.57	30.03	28.72	34.6	41.6	46.5	31.6	39.0	71	18	29	33	79	72	.170	.198	8.65	2.92	7.8	5.7	7.6
March	29.54	30.03	29.27	46.9	57.6	63.9	43.6	53.8	81	18	39	44	75	62	.265	.321	2.69	.84	5.0	3.8	4.3
April	29.47	29.87	29.18	53.9	64.2	69.7	49.8	59.8	90	36	44	49	71	60	.308	.373	4.05	1.46	4.0	4.6	4.8
May	29.42	29.76	29.13	61.9	69.2	74.8	57.8	66.3	90	40	54	57	76	67	.435	.492	2.53	.82	6.5	5.2	6.1
June	29.48	29.68	29.27	70.3	79.6	88.3	64.8	76.6	98	42	63	61	78	56	.585	.560	3.55	1.15	3.3	3.2	3.4
July	29.49	29.64	29.31	71.5	78.9	86.4	66.7	76.6	96	59	64	62	79	59	.608	.574	5.45	2.26	5.0	5.4	5.1
August	29.46	29.56	29.30	72.5	81.6	89.0	69.2	79.1	103	60	65	64	79	58	.633	.613	2.43	.82	3.7	4.6	5.0
September	29.50	29.77	29.27	66.5	76.1	82.4	63.8	73.1	92	46	61	62	83	63	.556	.575	3.07	1.69	5.0	3.2	4.8
October	29.46	29.73	29.19	52.0	65.0	72.9	49.2	61.0	86	34	45	41	78	44	.310	.273	.53	.38	3.0	1.7	2.6
November	29.62	29.94	29.35	38.3	50.5	56.1	36.0	46.0	75	13	31	34	76	54	.182	.207	1.92	1.42	3.9	3.2	3.9
December	29.60	30.01	28.81	36.8	44.5	49.4	33.9	41.6	72	3	33	35	85	70	.208	.217	2.81	.88	5.1	4.5	5.4
Year	29.52	30.03	28.72	53.6	62.9	69.2	50.1	59.7	103	— 2	47	48	79	62	.372	.388	41.96	2.92	4.8	4.2	5.0

NEAH BAY, WASH.

[λ = 48° 23′ N.; φ = 124° 36′ W.; gravity corr., —.]

January						45.7	33.3	39.5	54	22							18.50	2.80			
February						46.1	33.1	39.6	55	22							15.52	2.39			
March						49.9	34.3	42.1	57	28							13.70	2.06			
April						53.4	38.2	45.8	62	31							15.57	3.86			
May						59.3	42.1	50.7	70	33							6.86	1.82			
June						65.2	47.7	56.4	71	40							4.48	1.08			
July						68.3	47.6	58.0	75	41							1.70	.57			
August						69.3	50.7	60.0	82	44							.68	.68			
September						62.8	47.6	55.2	69	41							13.84	2.35			
October						56.1	42.5	49.3	64	33							13.93	2.28			
November						52.6	41.6	47.1	58	28							14.76	2.71			
December						47.0	35.7	41.4	55	32							11.98	2.02			
Year						56.3	41.2	48.8	82	22							131.52	3.86			

NEW BRUNSWICK, N. J.

[λ = 40° 30′ N.; φ = 74° 27′ W.; gravity corr., —.]

January						40.1	24.4	32.2	59	10							2.22	.50			
February						36.3	20.3	28.3	52	— 1							3.86	1.04			
March						53.0	32.8	42.9	71	18							1.74	.42			
April						59.3	38.9	49.1	76	20							2.87	1.13			
May						72.3	50.1	61.2	87	41							6.23	1.41			
June						82.0	59.1	70.6	98	43							2.23	.55			
July						88.6	64.9	76.8	100	50							2.43	1.35			
August						82.5	61.0	71.8	91	51							1.87	1.06			
September						77.7	60.5	69.1	94	43							11.03	3.68			
October						64.0	46.3	55.2	75	32							4.87	1.71			
November						47.8	32.0	39.9	70	18							3.35	1.10			
December						42.0	27.8	34.9	58	5							4.61	1.57			
Year						62.1	43.2	52.7	100	— 1							47.31	3.68			

NEW HAVEN, CONN.

[λ = 41° 18′ N.; φ = 72° 56′ W.; gravity corr., — 0.01.]

January	30.03	30.59	28.82	27.0	32.0	37.2	23.8	30.5	51	11	21	25	76	74	.118	.140	2.74	.91	5.5	3.3	5.5
February	30.02	30.71	29.29	22.7	27.4	33.1	19.0	26.0	51	— 5	16	22	74	77	.103	.126	4.23	1.42	5.8	4.4	5.4
March	29.97	30.45	29.47	37.9	41.2	49.7	33.0	41.4	65	19	30	36	74	82	.175	.219	1.15	.41	4.9	4.5	6.0
April	29.90	30.36	29.55	46.1	46.1	55.4	39.2	47.3	75	23	37	42	72	84	.228	.274	2.24	.72	4.9	4.9	5.2
May	29.84	30.32	29.46	56.6	58.4	67.1	48.0	57.6	86	41	51	55	81	89	.374	.435	4.49	1.06	5.4	6.0	5.5
June	29.86	30.17	29.48	66.3	68.8	77.8	58.1	68.0	93	45	62	65	87	87	.577	.624	.49	.23	5.7	7.4	5.2
July	29.87	30.11	29.65	71.8	72.9	82.8	63.4	73.1	94	50	65	67	79	82	.629	.671	2.40	1.27	3.6	4.5	3.8
August	29.90	30.08	29.70	66.8	69.2	78.1	59.7	68.9	87	48	59	62	77	78	.514	.560	1.70	.81	4.1	3.9	4.0
September	29.98	30.44	29.57	63.3	66.2	74.0	57.2	65.6	85	40	59	62	87	86	.517	.565	4.63	3.10	5.4	4.0	5.4
October	29.87	30.25	29.21	51.2	53.9	61.3	45.1	53.2	71	35	46	46	82	75	.315	.317	6.11	1.81	4.5	4.1	5.0
November	29.95	30.57	29.23	36.0	38.0	43.3	31.1	37.2	64	15	28	30	72	73	.165	.179	4.23	2.03	5.3	3.6	4.7
December	30.01	30.36	29.35	28.8	32.3	39.1	25.1	32.1	56	3	22	24	75	71	.127	.139	3.33	1.00	5.0	2.9	4.4
Year	29.93	30.71	28.82	47.9	50.5	58.2	41.9	50.1	94	— 5	41	45	78	80	.320	.354	37.74	3.10	5.0	4.5	5.0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

NASHVILLE, TENN.

[H = 545 ft.; h_t = 128 ft.; h_r = 116 ft.; h_a = 134 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	6.0	SE.	36	SE.	0	7	7	6	18	11	1	4	6	2	7	7	17	13	9	1	0	1	3	0	11	0	0
February	8.1	NW.	30	SW.	0	4	11	5	12	6	3	2	13	0	4	6	18	15	9	4	0	1	5	0	17	3	0
March	7.3	SE.	32	S.	0	6	5	5	20	7	8	2	9	0	13	13	5	9	8	1	1	0	1	0	6	6	1
April	5.9	SE.	26	W.	0	7	7	5	14	5	2	8	11	1	12	13	5	9	9	0	0	0	0	0	0	4	0
May	5.3	NW.	36	NW.	0	9	7	4	5	4	11	5	13	4	7	14	10	12	9	0	1	0	0	0	0	9	0
June	4.7	SW.	27	NE.	0	3	8	6	7	6	14	10	6	0	17	10	3	9	8	0	0	0	0	16	0	12	0
July	4.0	SE.	36	NE.	0	9	8	9	13	4	8	6	4	1	11	13	7	15	10	0	1	0	0	10	0	9	0
August	3.6	Calm. W.	37	SW.	0	2	9	6	8	3	10	9	6	9	11	12	8	8	7	0	0	2	0	13	0	6	0
September	6.0	SE.	30	NW.	0	8	6	1	12	11	9	1	11	1	12	12	6	5	5	0	0	2	0	3	0	4	0
October	5.7	NW.	26	SE.	0	5	2	0	4	14	7	10	20	0	20	6	5	5	3	0	0	1	0	0	0	0	0
November	6.8	NW.	36	S.	0	4	3	0	3	15	4	5	15	11	15	8	7	3	3	0	0	0	0	0	11	3	0
December	6.5	NW.	30	SW.	0	7	2	2	7	6	7	5	18	8	11	8	12	11	9	3	0	2	3	0	14	0	0
Year	5.8	NW.	37	SW.	0	71	75	49	123	92	84	67	132	37	140	122	103	114	89	9	3	9	12	42	59	56	1

NEAH BAY, WASH.

[H = — ft.; h_t = 8 ft.; h_r = 0 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	E.	....	.....	....	0	0	11	7	1	9	3	0	0	7	3	21	21	20	5	5	0	0	0	12	0	0
February	.....	E.	....	.....	....	0	0	11	6	1	7	2	0	1	7	2	19	18	18	3	0	0	0	0	11	0	1
March	.....	W.	....	.....	....	0	0	7	6	1	7	9	0	1	6	6	19	20	20	2	0	0	0	0	9	0	0
April	.....	SW.	....	.....	....	0	0	2	5	2	10	9	0	2	1	9	20	19	19	0	0	0	0	0	2	0	0
May	.....	W.	....	.....	....	0	0	5	1	1	9	13	0	2	7	8	16	12	12	0	0	0	0	0	0	0	0
June	.....	SW.	....	.....	....	0	0	5	1	2	13	9	0	0	7	6	17	9	9	0	0	0	0	0	0	0	0
July	.....	W	....	.....	....	0	0	1	1	5	10	11	0	3	16	7	8	6	6	0	0	0	0	0	0	0	0
August	.....	SW.	....	.....	....	0	0	3	0	4	13	6	0	5	13	5	13	2	2	0	0	2	0	0	0	0	0
September	.....	SW.	....	.....	....	0	0	3	5	8	9	3	0	2	6	7	17	16	16	0	0	0	0	0	0	0	0
October	.....	E.	....	.....	....	0	0	8	7	1	7	6	0	2	4	5	22	21	21	0	0	0	0	0	0	0	0
November	.....	E.	....	.....	....	0	0	12	6	2	5	5	0	0	2	1	27	25	25	0	0	0	0	0	2	0	0
December	.....	E.	....	.....	....	0	0	16	3	1	6	3	0	2	10	4	17	16	16	0	0	0	0	0	1	0	0
Year	.....	SW.	....	.....	....	0	0	84	48	29	105	79	0	20	86	63	216	185	184	10	5	2	0	0	37	0	1

NEW BRUNSWICK, N. J.

[H = — ft.; h_t = 4.1 ft.; h_r = 1 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	E.	....	.....	....	2	6	7	0	0	7	2	7	0	7	11	13	15	10	5	0	2	2	0	27	0	0
February	.....	NW.	....	.....	....	1	6	2	1	1	3	6	8	0	4	13	11	15	10	10	0	1	5	0	24	1	1
March	.....	NW.	....	.....	....	1	6	6	1	2	5	3	7	0	5	15	11	12	10	0	0	1	0	0	15	1	1
April	.....	E.	....	.....	....	3	2	7	0	5	4	6	3	0	4	16	10	12	8	1	0	0	0	0	6	0	0
May	.....	E.	....	.....	....	0	2	13	2	1	5	4	4	0	6	12	13	13	11	0	0	2	0	0	0	2	0
June	.....	W.	....	.....	....	0	0	5	1	3	8	10	3	0	3	23	4	14	9	0	0	1	0	4	0	7	0
July	.....	SW.	....	.....	....	0	1	0	4	3	12	8	3	0	4	14	13	8	5	0	1	0	0	18	0	8	0
August	.....	SW.	....	.....	....	1	0	3	3	3	9	6	6	0	4	23	4	8	6	0	0	1	0	1	0	3	0
September	.....	E.	....	.....	....	0	2	6	5	3	6	4	4	0	1	18	11	12	9	0	0	1	0	2	0	4	0
October	.....	W.	....	.....	....	1	2	6	6	1	2	7	6	0	8	9	14	13	9	0	0	1	0	0	0	0	0
November	.....	NW.	....	.....	....	0	2	2	0	3	5	9	9	0	6	15	9	14	10	1	0	1	1	0	13	0	0
December	.....	NW.	....	.....	....	2	0	3	1	4	3	8	10	0	6	17	8	10	10	2	0	0	3	0	19	1	0
Year	.....	NW.	....	.....	....	11	29	60	24	29	69	73	70	0	58	186	121	146	107	19	1	11	11	25	104	27	2

NEW HAVEN, CONN.

[H = 107 ft.; h_t = 118 ft.; h_r = 110 ft.; h_a = 140 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.0	NE.	35	NE.	0	15	18	2	0	3	7	8	8	1	12	6	13	18	11	7	0	3	6	0	25	0	0
February	10.2	N.	40	NE.	1	12	14	3	0	3	9	7	8	0	8	11	9	12	10	8	0	0	12	0	23	0	1
March	8.3	S.	39	NW.	0	12	5	8	5	7	10	5	10	0	5	21	5	9	7	2	0	5	1	0	11	0	1
April	10.8	S.	37	NE.	0	11	10	0	7	10	10	1	11	0	12	9	9	10	7	4	0	2	0	0	4	2	0
May	8.3	SE.	32	E.	0	9	11	5	11	7	10	2	7	0	11	7	13	9	9	0	0	2	0	0	0	3	0
June	7.1	SW.	24	W.	0	8	3	1	6	10	22	6	4	0	10	14	6	7	5	0	0	0	0	3	0	3	0
July	6.9	SW.	26	SW.	0	7	8	2	4	8	20	8	5	0	17	11	3	11	7	0	1	0	0	3	0	6	0
August	7.0	SW.	22	S.	0	14	8	3	5	9	14	3	5	1	17	6	8	8	5	0	0	0	0	0	0	4	0
September	7.4	SW.	34	NE.	0	5	17	5	0	6	14	5	8	0	11	10	9	11	9	0	0	0	0	0	0	3	0
October	10.4	NE.	37	N.	0	15	7	4	0	3	12	13	6	2	13	5	13	10	8	0	0	2	0	0	0	0	0
November	10.5	N.	38	S.	0	22	5	1	0	2	9	15	6	0	16	5	9	13	12	5	0	1	3	0	17	0	0
December	9.5	N.	41	NE.	2	27	4	0	0	0	10	12	9	0	15	9	7	9	9	3	0	1	6	0	23	0	0
Year	8.8	SW.	41	NE.	3	157	110	34	38	68	147	85	87	4	147	114	104	127	99	29	1	16	28	6	103	21	2

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

NEW LONDON, CONN.

[λ = 41° 21′ N.; φ = 72° 05′ W.; gravity corr., — 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8. p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.12	30.67	28.85	27.3	32.7	38.2	24.6	31.4	52	8	22	26	79	77	.125	.150	3.50	1.61	5.7	3.7	5.8
February	30.11	30.81	29.34	24.8	27.6	33.2	20.0	26.6	47	— 2	18	20	74	72	.113	.120	3.80	.79	5.3	3.7	6.2
March	30.07	30.52	29.55	38.3	40.7	48.1	33.1	40.6	63	18	32	33	78	74	.187	.190	2.07	.53	4.3	4.4	5.3
April	30.00	30.45	29.67	45.2	44.4	52.2	38.3	45.2	68	22	36	37	71	76	.218	.232	2.62	1.08	4.6	5.3	6.0
May	29.05	30.40	29.56	56.3	55.9	64.5	48.1	56.3	81	42	49	50	80	83	.360	.363	3.53	.87	5.5	4.9	5.7
June	29.96	30.26	29.60	65.1	65.6	73.5	58.2	65.8	91	46	60	61	85	86	.534	.547	.53	.21	4.8	5.0	5.3
July	29.97	30.22	29.74	71.5	71.0	79.5	64.3	71.9	90	53	65	65	81	82	.631	.622	.44	.20	3.8	4.0	4.4
August	30.00	30.16	29.80	66.3	67.4	75.1	60.7	67.9	84	47	61	63	84	86	.553	.584	2.91	1.78	4.6	3.4	4.8
September	30.09	30.54	29.69	63.7	64.9	72.4	58.1	65.2	82	43	59	61	85	88	.518	.553	2.59	1.33	5.6	4.3	5.0
October	29.97	30.35	a29.30	52.7	53.8	61.2	46.8	54.0	69	36	48	48	84	82	.343	.347	7.21	2.56	5.2	4.0	5.4
November	30.05	30.66	29.27	37.7	39.7	44.8	32.3	38.6	63	15	32	34	81	80	.197	.209	4.75	2.54	5.1	4.1	5.6
December	30.10	30.46	29.46	30.3	33.3	40.4	26.3	33.4	56	8	27	29	88	85	.153	.168	5.25	1.92	5.3	3.2	5.0
Year	30.03	30.81	28.85	48.3	49.8	56.9	42.6	49.7	91	— 2	42	44	81	81	.328	.340	39.20	2.56	5.0	4.2	5.4

a From special observation.

NEW ORLEANS, LA.

[λ = 29° 58′ N.; φ = 90° 4′ W.; gravity corr., — 0.04.]

January	30.11	30.41	29.86	53.1	58.7	66.4	49.7	58.0	79	28	48	48	83	71	.370	.379	1.76	.67	5.8	3.6	5.2
February	30.10	30.52	29.63	50.8	55.9	61.4	48.4	54.9	78	32	46	48	87	77	.350	.363	11.06	3.59	6.1	5.4	6.7
March	30.07	30.58	29.77	58.2	64.8	70.4	55.5	63.0	82	32	55	56	88	74	.468	.475	5.94	1.45	4.5	3.5	4.6
April	30.00	30.31	29.82	66.3	72.0	78.6	63.1	70.8	85	55	60	61	81	70	.536	.552	4.71	2.18	5.8	4.3	4.5
May	29.94	30.18	29.71	72.5	76.1	83.3	67.3	75.3	90	55	63	63	74	66	.596	.596	1.79	.58	2.5	3.2	2.8
June	30.01	30.10	29.86	75.6	79.6	85.7	70.7	78.2	97	63	68	67	78	68	.692	.678	5.19	1.17	3.9	4.7	4.1
July	30.00	30.13	29.84	77.3	79.2	86.0	72.2	79.1	99	67	70	70	80	74	.744	.740	11.51	1.89	3.7	5.3	4.3
August	29.98	30.09	29.84	76.8	80.7	87.5	73.5	80.5	92	71	72	71	86	73	.785	.758	7.32	2.58	4.8	6.4	3.5
September	29.96	30.14	29.78	75.5	80.1	86.7	73.1	79.9	90	66	69	69	80	69	.710	.708	.92	.36	2.8	4.1	2.1
October	29.97	30.15	29.65	64.5	72.1	79.6	62.0	70.8	88	47	56	56	76	58	.474	.467	.89	.89	1.4	1.0	1.4
November	30.16	30.35	29.95	54.9	61.8	68.4	52.6	60.5	79	36	49	50	80	67	.364	.381	1.34	.83	3.4	2.2	3.9
December	30.15	30.65	29.62	52.6	59.2	66.0	49.5	57.8	81	21	48	49	84	70	.368	.387	2.01	.66	3.6	3.7	3.5
Year	30.04	30.65	29.62	64.8	70.0	76.7	61.5	69.1	99	21	59	59	81	70	.538	.540	54.44	3.59	4.0	4.0	3.9

NEW YORK, N. Y.

[λ = 40° 43′ N.; φ = 74° W.; gravity corr., — 0.01.]

January	29.96	30.46	28.93	31.9	36.1	40.2	28.9	34.6	58	17	26	30	79	76	.146	.171	2.70	1.11	4.8	3.6	5.9
February	29.95	30.65	29.13	27.3	30.6	36.2	23.1	29.6	52	1	22	22	80	71	.129	.128	5.15	1.50	5.4	3.9	6.2
March	29.91	30.38	29.44	39.6	45.5	52.6	36.4	44.5	69	20	32	35	74	69	.190	.212	1.69	.58	3.2	3.9	5.4
April	29.84	30.28	29.34	46.0	49.3	57.8	41.4	49.6	76	25	38	40	75	71	.239	.255	2.51	1.04	4.7	3.7	5.3
May	29.77	30.26	29.40	57.5	61.1	69.4	52.3	60.8	83	44	49	50	76	72	.358	.372	3.90	.75	4.9	6.0	5.9
June	29.80	30.12	29.46	67.4	71.0	79.6	61.5	70.6	94	48	57	60	70	69	.489	.528	.86	.23	4.3	5.3	4.9
July	29.81	30.04	29.57	71.5	77.2	84.9	67.3	76.1	96	58	63	62	75	62	.589	.577	2.89	1.69	3.2	5.5	5.2
August	29.84	30.01	29.64	67.5	72.8	81.7	63.8	72.8	90	55	58	61	73	67	.501	.541	1.54	.77	4.1	3.6	4.9
September	29.92	30.36	29.50	66.0	69.5	77.0	62.6	69.8	94	46	60	60	82	74	.535	.543	8.04	4.86	5.0	4.4	5.5
October	29.80	30.15	28.95	53.6	57.5	63.8	50.5	57.2	75	39	46	47	76	69	.318	.332	5.83	1.71	4.9	3.9	5.2
November	29.90	30.50	29.29	38.9	42.1	49.3	35.1	42.2	69	21	32	32	75	69	.190	.194	3.83	1.21	4.6	3.3	5.0
December	29.94	30.25	29.13	33.7	36.1	43.4	30.3	36.8	57	7	27	27	75	70	.155	.159	5.23	1.98	5.2	3.9	5.7
Year	29.87	30.65	28.93	50.1	54.1	61.3	46.1	53.7	96	1	42	44	76	70	.320	.334	44.17	4.86	4.5	4.2	5.4

NORFOLK, VA.

[λ = 36° 51′ N.; φ = 76° 17′ W.; gravity corr., — 0.02.]

January	30.13	30.52	29.43	40.3	44.8	50.5	37.7	44.1	68	29	36	39	84	80	.223	.247	3.54	.90	7.0	3.9	5.7
February	30.09	30.72	29.39	39.6	44.0	50.3	35.4	42.8	74	21	35	37	84	77	.220	.239	5.53	1.68	6.8	4.8	6.2
March	30.08	30.57	29.76	48.7	51.9	61.8	43.2	52.5	88	24	44	45	85	78	.306	.312	2.94	1.02	4.7	2.4	4.2
April	30.01	30.37	29.47	53.4	54.8	64.3	47.3	55.8	86	37	48	48	81	80	.340	.352	2.11	.87	4.5	2.9	3.6
May	29.91	30.35	29.47	66.7	68.0	78.7	59.9	69.3	93	49	60	59	80	75	.523	.516	3.47	1.16	3.8	3.9	4.6
June	29.99	30.21	29.68	71.6	74.3	84.8	65.1	75.0	97	49	65	66	80	75	.685	.643	3.36	1.78	2.5	3.9	3.3
July	29.99	30.18	29.70	75.3	76.3	87.1	69.7	78.4	94	62	69	69	82	80	.723	.726	8.01	3.43	4.8	5.2	4.9
August	29.97	30.14	29.80	72.5	73.0	81.9	67.1	74.5	93	60	68	68	86	85	.696	.694	8.45	1.74	5.1	5.0	5.4
September	30.00	30.38	29.60	72.2	72.8	80.8	68.0	74.4	94	62	66	67	83	82	.658	.672	6.49	1.69	3.9	5.0	4.9
October	29.95	30.30	29.33	59.8	61.3	69.4	55.5	62.4	85	41	53	55	80	80	.424	.444	6.05	3.00	4.3	3.7	4.2
November	30.11	30.65	29.64	45.9	49.2	56.7	42.1	49.4	73	29	40	40	79	71	.270	.264	.86	.69	4.8	2.4	4.4
December	30.11	30.34	29.55	39.9	44.1	52.2	37.1	44.6	72	13	34	37	81	77	.213	.242	2.28	1.11	3.7	3.8	4.0
Year	30.03	30.72	29.33	57.2	59.5	68.2	52.3	60.3	97	13	52	52	82	78	.436	.446	53.09	3.43	4.7	3.9	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

NEW LONDON, CONN.

[H = 45 ft.; h_t = 50 ft.; h_r = 42 ft.; h_a = 54 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	7.6	NW.	36	W.	0	9	6	4	2	5	5	15	15	1	10	9	12	16	13	5	0	5	6	0	24	0	0
February	8.7	NW.	38	SW.	0	7	2	5	1	1	11	8	20	1	7	6	15	14	13	8	0	1	11	0	23	0	1
March	7.5	NW.	32	NW.	0	4	0	6	7	10	7	8	17	3	13	8	10	17	11	3	0	8	1	0	10	0	2
April	9.2	NW.	31	E.	0	6	3	2	4	11	9	6	18	1	10	6	14	13	8	4	1	3	0	0	4	0	0
May	8.1	SW.	34	NE.	0	5	6	3	11	11	12	3	9	2	9	15	7	12	9	0	0	6	0	0	0	2	0
June	6.5	SW.	27	SW.	0	4	1	2	6	9	19	11	7	1	9	13	8	10	5	0	0	3	0	2	0	1	0
July	6.1	SW.	23	N.	0	4	2	1	4	8	31	7	5	0	13	16	2	5	5	0	0	4	0	0	0	1	0
August	6.4	S.	23	NE.	0	9	5	3	5	12	9	7	12	0	12	13	6	9	7	0	0	0	0	0	0	2	0
September	6.9	SW.	33	NE.	0	9	12	1	5	9	14	3	7	0	12	10	8	10	8	0	0	0	0	0	0	1	0
October	8.7	W.	37	SE.	0	9	9	6	0	5	9	16	7	1	11	8	12	11	10	0	0	1	0	0	0	1	0
November	8.9	NW.	46	S.	1	7	2	1	1	7	4	19	19	0	10	10	10	15	11	3	0	0	2	0	14	0	0
December	7.6	NW.	39	NE.	0	3	6	2	1	3	5	13	24	5	10	14	7	8	8	2	0	0	5	0	22	0	0
Year	7.7	NW.	46	S.	1	76	54	36	47	91	135	116	160	15	126	128	111	140	108	25	1	31	25	2	97	8	3

NEW ORLEANS, LA.

[H = 54 ft.; h_t = 112 ft.; h_r = 111 ft.; h_a = 120 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.0	NE.	30	NW.	0	10	10	15	9	9	1	4	4	0	11	11	9	9	6	0	0	4	0	0	2	0	0
February	10.2	NE.	42	S.	1	6	13	6	11	7	3	4	6	0	7	5	16	18	16	0	1	1	0	0	0	2	0
March	10.5	SE.	40	SE.	1	11	8	3	23	13	1	1	0	2	14	9	8	13	11	0	0	6	0	0	0	5	0
April	8.2	SE.	30	NE.	0	2	10	8	17	14	5	1	2	1	13	12	5	7	6	0	0	2	0	0	0	4	0
May	6.7	SE.	32	N.	0	1	8	6	16	13	5	5	5	3	21	8	2	5	5	0	0	0	0	0	0	3	0
June	5.7	NE.	28	S.	0	1	10	7	12	11	8	2	6	3	12	15	3	14	9	0	1	0	0	5	0	8	0
July	5.7	S.	42	E.	1	4	9	6	5	13	8	7	6	4	14	11	6	21	21	0	0	0	0	4	0	14	0
August	5.5	SW.	30	NE.	0	4	2	2	4	8	23	9	6	4	16	13	2	15	14	0	0	0	0	5	0	7	0
September	6.6	NE.	28	SE.	0	9	21	6	15	1	0	4	4	0	23	6	1	7	5	0	0	0	0	1	0	1	0
October	8.0	NE.	48	NW.	1	7	17	3	11	4	2	8	6	4	26	2	3	2	2	0	0	0	0	0	0	1	0
November	7.5	NE.	35	NW.	0	9	18	7	13	5	0	1	7	0	15	10	5	6	4	0	0	2	0	0	0	0	0
December	8.8	N.	35	N.	0	18	13	4	11	7	1	3	4	1	17	8	6	10	5	0	0	0	0	0	2	2	0
Year	7.7	SE.	48	NW.	4	82	139	73	147	105	57	49	56	22	189	110	66	127	104	0	2	15	0	15	4	47	0

NEW YORK, N. Y.

[H = 185 ft.; h_t = 183 ft.; h_r = 155 ft.; h_a = 200 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.8	NW.	43	NW.	2	6	14	2	5	5	14	6	10	0	8	11	12	17	12	8	0	6	3	0	21	0	0
February	12.3	NW.	42	NW.	2	4	13	1	4	4	10	6	14	0	6	11	11	15	10	10	0	8	8	0	22	1	1
March	10.4	NW.	42	NW.	1	4	8	2	8	9	8	5	18	0	8	13	10	12	12	0	0	9	0	0	6	0	1
April	11.3	NW.	48	NE.	1	4	8	1	14	3	10	2	18	0	10	11	9	10	10	4	0	3	0	0	3	2	0
May	10.0	SE.	36	SE.	0	0	10	6	15	5	12	3	11	0	11	8	12	13	13	0	0	11	0	0	0	2	0
June	8.6	SW.	29	NW.	0	0	1	4	10	12	15	6	12	0	8	20	2	10	7	0	1	3	0	3	0	8	0
July	8.5	SW.	31	NW.	0	7	5	1	6	9	22	8	4	0	7	21	3	10	7	0	0	4	0	8	0	8	0
August	8.0	S.	26	NW.	0	11	4	0	6	18	9	4	10	0	12	10	9	7	5	0	1	1	0	0	0	2	0
September	9.5	NE.	36	SW.	0	3	16	1	3	16	8	4	9	0	11	8	11	11	7	0	0	5	0	1	0	3	0
October	11.6	NE.	48	NE.	1	7	14	4	3	11	5	11	7	0	15	5	11	9	7	0	0	3	0	0	0	0	0
November	11.9	NW.	40	NW.	1	5	7	0	2	9	10	16	11	0	14	7	9	13	12	2	1	8	1	0	10	1	0
December	10.8	NW.	40	NE.	1	8	11	3	0	3	12	7	18	0	7	14	10	10	9	2	0	5	4	0	14	0	0
Year	10.3	SW.	48	NE.	9	59	111	25	76	104	135	78	142	0	117	139	109	137	111	26	3	66	16	12	76	27	2

NORFOLK, VA.

[H = 57 ft.; h_t = 88 ft.; h_r = 80 ft.; h_a = 93 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.8	NE.	41	NW.	1	6	16	4	4	4	9	6	8	5	9	10	12	12	11	0	0	1	0	0	6	0	0
February	9.6	NE.	41	SW.	1	7	15	2	2	8	12	2	6	2	7	8	13	15	13	3	0	3	1	0	9	0	0
March	8.1	N.	36	SW.	0	9	12	12	4	11	5	2	5	2	16	9	6	11	7	1	0	2	0	0	3	1	0
April	10.1	NW.	36	NW.	0	8	10	3	9	8	6	5	8	3	16	9	5	10	5	0	0	1	0	0	0	0	0
May	8.5	SE.	48	NW.	1	4	5	4	17	9	12	5	6	0	12	13	6	11	10	0	1	0	0	1	0	4	0
June	9.3	SW.	34	SW.	0	2	7	5	2	13	23	3	5	0	19	7	4	8	7	0	0	0	0	6	0	4	0
July	8.2	SW.	30	SW.	0	1	3	7	8	13	24	4	2	0	12	12	7	12	10	0	0	0	0	10	0	4	0
August	5.8	NE.	36	W.	0	9	16	11	11	3	6	4	2	0	11	9	11	13	9	0	0	0	0	3	0	4	0
September	7.9	NE.	36	E.	0	4	19	11	8	5	9	3	1	0	12	8	10	9	9	0	0	0	0	2	0	0	0
October	9.2	NE.	39	NE.	0	10	13	4	8	2	11	4	10	0	18	4	9	11	7	0	0	0	0	0	0	0	0
November	9.2	W.	40	NW.	1	11	7	3	1	10	11	10	6	1	15	9	6	4	3	0	0	1	0	0	2	0	0
December	8.5	W.	38	SW.	0	15	0	15	2	2	4	21	0	3	17	9	5	10	8	1	0	4	2	0	5	1	0
Year	8.5	SW.	48	NW.	4	86	123	81	76	88	132	69	59	16	164	107	94	126	99	5	1	12	3	22	25	18	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

NORTHFIELD, VT.

[λ=44° 10′ N.; φ=72° 41′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.16	29.74	28.14	13.9	19.5	27.8	7.5	17.6	51	— 8	9	15	78	82	.074	.095	2.56	.63	6.7	5.0	6.3
February	29.14	29.78	28.44	6.6	16.1	24.5	0.6	12.6	44	—31	0	8	74	68	.058	.072	1.54	.72	6.6	3.9	5.5
March	29.08	29.48	28.56	30.8	35.1	42.9	25.0	34.0	66	5	26	29	80	78	.145	.160	1.06	.41	6.8	5.0	6.4
April	29.09	29.47	28.63	40.9	44.8	54.1	32.0	43.0	74	15	33	35	74	70	.197	.217	1.32	.55	5.2	6.0	5.7
May	29.03	29.49	28.62	52.4	55.0	65.1	43.8	54.4	83	30	44	46	75	75	.299	.324	3.33	1.30	6.2	5.2	5.7
June	29.02	29.37	28.54	64.4	64.4	76.0	53.0	64.5	89	30	57	58	79	81	.491	.509	1.71	.57	5.7	4.2	4.9
July	29.06	29.34	28.80	66.8	67.0	79.4	55.1	67.2	93	42	59	60	76	79	.502	.519	1.64	.40	4.3	4.7	4.3
August	29.10	29.28	28.91	57.7	61.6	73.4	49.0	61.2	84	33	53	55	86	79	.418	.435	3.23	2.11	5.9	4.4	5.2
September	29.19	29.64	28.78	54.9	57.9	70.2	47.7	59.0	85	25	51	54	88	87	.389	.430	2.99	1.18	6.1	4.7	5.5
October	29.03	29.38	28.35	44.0	47.9	56.3	39.3	47.8	71	30	40	43	88	84	.257	.283	3.50	.92	6.1	5.2	6.1
November	29.07	29.69	28.50	27.9	30.3	35.8	21.0	28.4	58	— 2	21	23	75	73	.125	.132	2.58	.90	6.9	6.7	6.6
December	29.13	29.46	28.56	19.0	21.8	30.3	13.2	21.8	49	—22	13	15	75	72	.091	.100	3.46	1.32	6.7	4.7	5.5
Year	29.09	29.78	28.14	39.9	43.4	53.0	32.3	42.6	93	—31	34	37	79	77	.254	.273	28.92	2.11	6.1	5.0	5.6

NORTH PLATTE, NEBR.

[λ=41° 8′ N.; φ=100° 45′ W.; gravity corr., —0.01.]

January	27.05	27.57	26.61	12.0	22.1	32.5	9.3	20.9	55	—26	7	14	78	68	.067	.090	.33	.20	4.1	3.5	4.5
February	27.12	27.65	26.52	10.6	25.9	34.4	8.4	21.4	55	—16	5	15	75	61	.055	.089	.29	.16	3.7	4.0	4.2
March	27.00	27.58	26.55	28.0	44.9	53.9	25.8	39.8	77	7	21	27	73	52	.118	.151	1.72	1.56	4.8	4.6	5.2
April	27.00	27.40	26.62	41.1	57.4	64.2	38.2	51.2	88	21	32	34	70	46	.194	.211	1.64	1.00	3.7	5.1	4.7
May	27.05	27.40	26.66	53.1	70.0	75.2	48.7	62.0	94	33	42	41	66	36	.272	.260	.39	.32	3.5	5.2	4.5
June	27.02	27.32	26.63	61.7	77.1	83.5	56.9	70.2	100	42	54	52	76	45	.426	.412	3.54	1.94	3.4	5.6	4.3
July	27.15	27.37	26.78	64.5	82.3	87.5	60.6	74.0	103	51	56	58	75	45	.453	.489	2.39	.66	4.3	5.2	4.5
August	27.14	27.33	26.94	62.0	82.0	88.7	59.7	74.2	99	46	53	54	74	40	.413	.430	.17	.08	2.6	3.6	3.6
September	27.06	27.48	26.64	50.8	70.7	79.1	49.4	64.2	94	29	43	42	75	39	.295	.289	.14	.06	3.9	4.0	3.6
October	27.02	27.38	26.59	38.4	56.6	68.5	35.7	52.1	83	18	29	35	69	45	.166	.206	.59	.44	3.1	3.5	3.4
November	27.17	27.54	26.56	28.0	41.4	52.9	25.1	39.0	78	10	20	26	71	52	.112	.140	.01	.01	4.3	4.5	5.0
December	27.15	27.77	26.51	17.8	32.5	46.1	14.7	30.4	67	—10	12	17	76	52	.077	.096	T.	T.	2.7	2.3	3.3
Year	27.08	27.77	26.51	39.0	55.2	63.9	36.0	50.0	103	—26	31	35	73	48	.221	.239	11.21	1.94	3.7	4.3	4.2

OKLAHOMA, OKLA.

[λ=35° 26′ N.; φ=97° 33′ W.; gravity corr., —0.02.]

January	28.77	29.32	28.33	29.5	38.8	47.8	25.7	36.8	76	— 8	22	28	74	66	.134	.160	3.74	3.21	3.5	2.2	3.6
February	28.83	29.30	28.16	27.7	36.6	44.8	24.7	34.8	67	7	23	28	82	71	.134	.160	1.11	.82	5.9	4.9	5.1
March	28.72	29.30	28.30	43.7	56.3	64.0	41.3	52.6	83	19	36	39	75	55	.235	.261	4.79	2.42	4.1	2.7	2.9
April	28.66	29.06	28.38	54.6	67.6	74.2	51.5	62.9	85	38	45	47	73	51	.330	.353	2.82	1.17	4.0	3.5	3.4
May	28.68	29.04	28.37	61.8	72.6	78.3	58.0	68.2	89	40	56	56	81	58	.459	.469	1.87	.62	3.9	4.2	3.8
June	28.71	28.93	28.46	68.8	81.1	85.9	65.0	75.4	98	48	62	62	80	54	.573	.566	3.71	2.68	3.1	1.9	2.0
July	28.75	28.92	28.62	71.4	85.8	91.6	67.3	79.4	104	58	62	61	74	45	.569	.539	1.66	.98	2.9	1.9	1.8
August	28.76	28.91	28.68	68.9	83.7	90.5	66.2	78.4	100	55	63	61	82	49	.562	.548	1.95	1.41	1.9	3.3	2.9
September	28.71	29.04	28.42	65.1	77.4	85.0	63.9	74.4	101	46	59	58	81	52	.512	.490	1.65	1.42	3.9	3.8	3.5
October	28.71	29.04	28.33	53.6	67.0	76.4	51.6	64.0	92	35	45	47	74	50	.319	.347	1.84	.90	1.9	1.5	1.5
November	28.86	29.22	28.25	39.7	53.0	62.2	37.5	49.8	79	9	30	32	68	46	.180	.193	.07	.07	2.3	1.2	1.8
December	28.88	29.53	28.16	34.2	43.9	51.4	31.8	41.6	73	— 1	28	31	78	62	.176	.198	1.51	.82	4.5	2.3	3.1
Year	28.75	29.53	28.16	51.6	63.6	71.0	48.7	59.9	104	— 8	44	46	77	55	.350	.357	26.72	3.21	3.5	2.8	3.0

OMAHA, NEBR.

[λ=41° 16′ N.; φ=95° 56′ W.; gravity corr.,—0.01.]

January	28.88	29.41	28.44	15.6	23.4	29.6	11.5	20.6	61	—22	11	17	82	77	.085	.103	0.51	.20	4.7	3.2	5.5
February	28.95	29.55	28.26	14.6	25.0	30.7	12.4	21.6	51	— 4	10	17	79	70	.074	.097	1.30	1.11	4.0	2.9	4.6
March	28.79	29.45	28.28	34.3	47.6	53.6	32.4	43.0	84	4	26	29	73	52	.164	.182	.91	.45	5.0	4.9	5.8
April	28.76	29.17	28.33	46.1	59.0	63.9	44.0	54.0	89	29	39	40	76	53	.254	.270	2.31	.83	5.4	5.4	5.3
May	28.78	29.16	28.29	56.2	70.9	75.8	53.3	64.6	91	38	46	41	68	36	.321	.275	.61	.33	4.6	3.5	5.0
June	28.78	29.10	28.40	67.3	79.4	85.0	63.1	74.0	97	47	58	55	72	47	.490	.463	4.74	1.07	4.4	4.0	4.2
July	28.87	29.06	28.60	70.4	84.1	88.4	66.4	77.4	106	59	56	55	61	40	.447	.450	.61	.35	3.6	2.5	3.1
August	28.86	29.07	28.64	68.0	85.0	90.0	65.5	77.8	99	53	56	54	66	35	.454	.424	.36	.25	2.7	2.3	3.6
September	28.81	29.30	28.45	59.4	70.8	77.9	56.5	67.2	90	38	52	54	77	57	.408	.449	2.48	1.13	4.6	3.6	4.2
October	28.74	29.16	28.31	46.2	59.0	65.7	44.3	55.0	84	31	38	39	76	51	.243	.254	2.94	1.61	3.4	3.1	4.2
November	28.94	29.44	28.18	30.4	39.0	46.1	28.0	37.0	64	8	22	22	71	50	.123	.125	.11	.10	5.5	3.2	5.5
December	28.93	29.61	28.19	26.9	35.6	41.3	25.1	33.2	61	— 8	19	25	70	67	.111	.144	.94	.85	3.5	1.9	4.3
Year	28.84	29.61	28.18	44.6	56.6	62.3	41.9	52.1	106	—22	36	37	73	53	.264	.270	17.82	1.61	4.3	3.4	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

NORTHFIELD, VT.

[H = 872 ft.; h_t = 15 ft.; h_r = 2 ft.; h_a = 59 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.6	N.	42	N.	2	26	5	0	0	22	5	2	1	1	5	12	14	13	10	10	0	0	18	0	31	0	0
February	9.9	S.	40	S.	2	14	5	0	0	25	6	4	0	2	10	9	9	6	5	6	0	0	20	0	28	0	1
March	11.0	S.	39	N.	0	19	5	0	0	27	7	4	0	0	7	12	12	13	6	5	0	0	2	0	26	0	0
April	10.4	N.	36	N.	0	17	16	2	0	15	6	3	1	0	11	6	13	10	7	2	0	0	1	0	16	1	0
May	9.6	S.	51	SW.	2	12	10	0	0	29	9	2	0	0	10	11	10	16	12	0	0	0	0	0	2	3	0
June	8.2	S.	32	N.	0	7	6	1	0	30	10	0	6	0	8	13	9	12	11	0	0	0	0	0	1	6	0
July	7.0	S.	28	S.	0	7	11	0	1	24	15	3	0	1	13	14	4	13	11	0	0	0	0	2	0	4	0
August	7.1	SW.	30	W.	0	9	11	1	0	16	17	3	4	1	9	14	8	11	8	0	0	0	0	0	0	5	0
September	7.0	S.	36	SW.	0	5	4	1	0	33	13	3	0	1	10	8	12	9	7	0	0	0	0	0	1	2	0
October	8.6	S.	36	NW.	0	10	5	0	1	28	12	2	2	2	6	13	12	15	10	1	0	5	0	0	3	2	0
November	10.4	S.	42	SW.	1	17	4	0	0	21	13	4	0	1	6	11	13	18	13	15	0	0	11	0	25	0	0
December	8.3	SW.	46	SW.	1	15	5	1	0	14	22	2	2	1	8	15	8	11	9	9	0	0	16	0	29	0	0
Year	8.9	S.	51	SW.	8	158	87	6	2	284	135	32	16	10	103	138	124	147	109	48	0	5	68	2	162	23	1

NORTH PLATTE, NEBR.

[H = 2,841 ft.; h_t = 43 ft.; h_r = 35 ft.; h_a = 52 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.1	W.	37	NW.	0	4	3	4	7	2	2	22	17	1	10	18	3	5	2	5	0	0	15	0	30	0	0
February	8.8	NW.	30	NW.	0	2	1	0	3	7	8	14	19	2	11	13	4	4	2	4	0	0	12	0	28	0	0
March	12.3	NW.	44	NW.	4	4	1	0	12	13	3	10	18	1	5	23	3	4	3	2	0	0	6	0	20	0	0
April	13.3	NW.	46	NW.	3	6	3	5	8	9	3	7	18	1	12	13	5	8	5	0	2	0	0	0	7	2	0
May	12.2	SE.	44	NW.	1	4	4	5	15	13	2	9	10	0	8	21	2	3	2	0	1	0	0	4	0	2	0
June	12.0	S.	46	NW.	3	1	4	3	12	15	9	5	8	3	9	20	1	14	12	0	0	0	0	5	0	8	0
July	8.6	SE.	44	NW.	1	14	3	6	16	11	1	6	4	1	9	20	2	10	9	0	0	0	0	13	0	7	0
August	8.1	SE.	38	W.	0	3	6	4	18	16	3	4	7	1	14	17	0	4	2	0	0	0	0	15	0	3	0
September	10.8	SE.	34	S.	0	5	3	3	15	11	6	6	9	2	13	16	1	3	3	0	0	0	0	2	2	0	0
October	10.5	NW.	40	NW.	3	2	1	4	11	4	8	10	20	2	16	14	1	4	2	1	0	0	0	0	7	1	0
November	9.7	NW.	42	NW.	1	0	2	1	6	10	8	13	20	0	6	21	3	1	0	1	0	0	3	0	22	0	0
December	8.0	W.	42	W.	1	4	1	2	4	6	10	17	16	2	15	15	1	0	0	0	0	0	5	0	29	0	0
Year	10.2	NW.	46	NW.	17	49	32	37	127	117	63	123	166	16	128	211	26	60	42	13	3	0	41	39	145	23	0

OKLAHOMA, OKLA.

[H = 1,239 ft.; h_t = 54 ft.; h_r = 45 ft.; h_a = 53 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.5	N.	45	N.	1	22	3	1	3	18	12	2	1	0	20	6	5	6	3	2	0	0	6	0	20	0	0
February	11.2	N.	36	N.	0	20	5	0	3	13	5	1	9	0	11	7	10	5	4	4	0	0	6	0	20	0	0
March	12.0	S.	42	N.	2	13	7	1	14	15	5	2	5	0	22	5	4	8	6	1	1	0	0	0	7	2	0
April	11.5	SE.	42	N.	1	6	6	1	22	9	6	3	6	1	18	9	3	8	6	0	0	0	0	0	0	0	0
May	8.8	S.	34	NW.	0	4	9	3	12	19	5	3	4	3	16	8	7	8	6	0	0	0	0	0	0	3	0
June	10.1	S.	28	S.	0	1	5	1	14	29	8	1	1	0	25	2	3	6	5	0	0	0	0	7	0	3	0
July	6.9	SE.	24	N.	0	6	9	3	16	14	7	0	2	5	26	4	1	4	4	0	0	0	0	19	0	0	0
August	5.3	SW.	24	NE.	0	4	8	3	9	12	21	1	2	2	22	7	2	5	5	0	0	0	0	16	0	0	0
September	10.5	S.	30	N.	0	7	9	5	19	19	0	0	1	0	18	7	5	4	2	0	0	1	0	9	0	0	0
October	9.1	SW.	32	N.	0	6	5	0	13	12	14	4	7	1	29	2	0	6	5	0	0	0	0	1	0	0	0
November	10.0	S.	45	N.	1	14	5	2	3	18	9	2	5	2	24	5	1	2	1	0	0	0	0	0	7	0	0
December	9.8	S.	36	N.	0	16	4	1	3	19	10	3	4	2	23	3	5	4	3	0	0	0	2	0	12	0	0
Year	9.6	S.	45	N.	5	119	75	21	131	197	102	22	47	16	254	65	46	66	50	7	1	1	14	52	66	8	0

OMAHA, NEBR.

[H = 1,123 ft.; h_t = 92 ft.; h_r = 86 ft.; h_a = 97 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.5	NW.	26	NW.	0	13	0	1	8	16	4	5	15	0	13	4	14	7	4	5	0	0	18	0	28	0	0
February	7.8	NW.	22	SE.	0	6	1	1	9	12	2	4	21	0	11	12	5	4	4	4	0	0	14	0	27	0	1
March	10.3	NW.	32	NW.	0	4	3	1	15	8	4	10	17	0	9	10	12	6	3	1	0	0	4	0	13	1	0
April	9.7	SE.	32	E.	0	3	4	11	16	5	1	6	13	1	10	9	11	12	7	0	1	1	0	0	3	4	0
May	9.7	N.	30	W.	0	12	7	1	10	13	0	6	11	2	10	13	8	7	4	0	0	0	0	2	0	4	0
June	8.1	SE.	38	SW.	0	5	3	1	19	14	11	4	2	1	14	7	9	12	11	0	0	0	0	5	0	9	0
July	7.2	SE.	28	S.	0	16	3	2	18	12	4	2	5	0	19	9	3	5	4	0	0	0	0	12	0	2	0
August	6.4	S.	36	NW.	0	14	4	5	13	14	2	2	6	2	17	13	1	4	2	0	0	0	0	15	0	2	0
September	8.1	SE.	32	SE.	0	6	0	2	25	15	0	1	10	1	15	9	6	8	8	0	0	0	0	0	0	6	0
October	8.5	NW.	32	W.	0	1	2	2	21	3	5	9	17	2	16	6	9	7	6	2	0	1	0	0	1	0	0
November	8.7	NW.	28	NW.	0	6	2	2	13	7	3	6	21	0	10	10	10	2	1	0	0	1	4	0	17	0	0
December	7.7	NW.	26	S.	0	5	1	0	7	11	7	10	20	1	15	4	12	7	2	4	0	3	7	0	21	0	0
Year	8.3	SE.	38	SW.	0	91	30	29	174	130	43	65	158	10	159	106	100	81	56	16	1	6	47	34	110	28	1

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

OSWEGO, N. Y.

[λ = 43° 29′ N.; φ = 76° 35′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.73	30.28	29.04	26.2	28.2	33.1	21.6	27.4	54	5	21	23	80	80	.117	.124	3.24	.90	7.7	5.9	7.4
February	29.74	30.48	29.29	17.9	22.7	27.2	13.9	20.6	45	−11	14	18	83	81	.088	.104	3.92	.73	7.8	6.4	7.5
March	29.67	30.06	29.08	35.4	38.8	43.8	31.2	37.5	72	16	27	32	72	76	.156	.181	1.95	.64	6.9	4.2	6.5
April	29.68	30.03	29.29	42.9	45.4	51.4	37.2	44.3	73	22	33	34	68	65	.199	.200	1.94	.90	6.2	5.5	5.6
May	29.57	30.07	29.17	53.0	54.5	61.3	45.7	53.5	82	36	44	44	73	70	.298	.298	4.66	.75	6.1	6.5	6.2
June	29.58	29.87	29.14	63.2	65.4	72.0	57.6	64.8	89	42	57	57	80	74	.487	.483	3.70	.90	6.5	5.9	5.0
July	29.61	29.86	29.33	68.4	71.4	77.9	61.9	69.9	94	53	60	60	74	68	.520	.523	1.86	.52	4.5	3.7	3.8
August	29.64	29.83	29.41	63.9	67.3	73.1	58.5	65.8	84	50	54	54	70	63	.420	.421	.90	.50	4.8	4.5	4.1
September	29.70	30.13	29.28	61.6	64.9	72.4	56.7	64.6	86	38	55	55	79	71	.444	.442	3.45	.89	5.1	3.6	4.3
October	29.57	29.93	29.10	50.2	53.3	59.2	46.6	52.9	76	37	44	45	78	75	.287	.307	4.20	.86	7.1	6.0	6.5
November	29.66	30.38	29.16	34.7	36.3	40.0	30.8	35.4	62	15	27	29	72	74	.152	.162	3.48	.54	9.0	6.8	8.5
December	29.71	30.09	29.37	28.4	31.8	36.0	25.5	30.8	54	−2	24	26	82	81	.134	.150	3.14	1.80	8.3	6.5	7.3
Year	29.66	30.48	29.04	45.5	48.3	54.0	40.6	47.3	94	−11	38	40	76	73	.275	.283	44	1.80	6.7	5.5	6.1

PALESTINE, TEX.

[λ = 31° 45′ N.; φ = 95° 40′ W.; gravity corr., −0.03.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.59	29.99	29.19	43.2	55.3	61.2	41.0	51.1	79	4	38	42	82	64	.264	.301	2.28	.82	4.9	4.0	4.9
February	29.61	29.97	28.97	40.3	50.1	56.2	37.4	46.8	81	18	36	37	83	64	.231	.241	3.68	1.45	6.3	5.9	6.7
March	29.51	30.05	28.88	53.2	64.1	70.5	50.6	60.6	85	27	48	47	83	56	.378	.356	4.59	1.38	6.7	4.8	5.6
April	29.46	29.83	29.22	62.6	74.2	80.6	59.9	70.2	89	43	56	55	80	55	.476	.463	6.47	4.22	7.3	5.7	5.8
May	29.45	29.71	29.24	67.3	77.8	84.4	64.3	74.4	92	50	62	63	84	62	.575	.586	1.83	1.22	6.6	4.6	4.3
June	29.51	29.64	29.34	70.8	81.2	87.3	67.8	77.6	96	53	67	69	89	68	.683	.724	4.03	1.48	6.2	3.3	4.7
July	29.52	29.63	29.39	73.8	84.3	91.7	69.9	80.8	103	63	70	70	86	64	.723	.739	2.76	2.41	3.5	4.9	4.5
August	29.51	29.63	29.37	72.4	79.9	89.3	69.6	79.4	96	58	70	71	92	75	.739	.755	5.45	1.82	6.8	7.5	6.1
September	29.50	29.70	29.28	69.4	77.7	86.4	67.3	76.8	95	56	67	69	91	76	.671	.720	10.04	4.63	5.0	4.3	5.0
October	29.51	29.73	29.22	59.5	72.2	81.9	57.8	69.8	89	39	54	55	83	56	.449	.460	1.04	.72	3.6	2.1	3.3
November	29.66	29.93	29.20	49.4	61.7	72.1	46.0	59.0	82	29	42	42	77	48	.291	.283	1.90	1.78	3.6	5.9	3.8
December	29.66	30.34	29.03	45.3	55.6	63.5	42.5	53.0	81	8	40	42	83	62	.288	.297	1.98	1.25	5.1	4.5	5.8
Year	29.54	30.34	28.88	58.9	69.5	77.1	56.2	66.6	103	4	54	55	84	62	.481	.494	46.05	4.63	5.5	4.8	5.0

PARKERSBURG, W. VA.

[λ = 39° 16′ N.; φ = 81° 36′ W.; gravity corr., −0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.49	29.92	29.02	33.8	39.2	45.7	29.1	37.4	61	4	28	31	78	72	.166	.182	2.64	.76	6.3	4.0	5.5
February	29.47	30.07	28.80	29.5	36.2	40.6	26.0	33.3	67	4	24	29	79	75	.139	.170	4.51	1.27	7.1	4.7	6.2
March	29.43	29.84	29.11	41.8	51.4	58.7	37.2	48.0	86	16	33	38	72	61	.198	.242	2.46	.96	5.0	3.6	5.7
April	29.38	29.69	28.95	48.3	56.1	62.5	42.5	52.5	84	26	39	40	72	59	.254	.266	3.47	.76	6.3	5.3	6.0
May	29.28	29.74	28.88	60.4	65.1	73.6	52.1	62.8	89	38	50	53	70	67	.367	.415	3.31	.70	5.9	6.4	5.4
June	29.38	29.63	29.08	69.1	74.6	84.9	59.7	72.3	95	44	60	62	74	65	.537	.571	6.78	2.92	3.0	4.3	4.1
July	29.38	29.57	29.15	72.3	79.7	87.5	63.5	75.5	96	48	61	62	68	56	.543	.568	1.18	.45	4.2	4.6	4.4
August	29.37	29.57	29.18	68.1	76.8	86.2	61.3	73.8	95	51	60	64	76	67	.522	.605	3.59	1.63	3.9	4.3	4.2
September	29.42	29.76	29.16	64.9	72.2	80.9	59.6	70.2	96	41	58	64	78	77	.493	.602	1.98	.82	5.3	3.2	4.3
October	29.34	29.66	29.09	49.6	57.2	67.5	44.4	56.0	84	28	42	51	78	80	.278	.382	1.35	.74	3.7	2.6	4.3
November	29.47	29.99	29.13	36.6	42.7	48.3	32.3	40.3	72	18	30	38	77	84	.169	.236	2.36	.68	5.3	4.9	5.6
December	29.49	29.82	29.08	33.2	38.5	43.8	28.6	36.2	61	−4	28	34	81	83	.169	.207	3.55	.72	6.9	6.1	6.5
Year	29.41	30.07	28.80	50.6	57.5	65.0	44.7	54.9	96	−4	43	47	75	70	.320	.370	37.18	2.92	5.2	4.5	5.2

PENSACOLA, FLA.

[λ = 30° 25′ N.; φ = 87° 13′ W.; gravity corr., −0.04.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.11	30.35	29.85	52.1	58.7	64.9	48.6	56.8	75	27	47	50	84	76	.365	.398	2.92	.88	5.1	4.5	5.3
February	30.09	30.50	29.66	50.8	55.6	61.1	47.1	54.1	71	29	46	48	83	77	.336	.367	9.22	4.18	5.6	5.9	6.8
March	30.09	30.54	29.86	59.3	63.1	68.4	55.2	61.8	79	29	54	56	83	79	.459	.488	7.52	2.92	4.0	4.5	4.7
April	30.01	30.28	29.77	66.7	69.7	75.8	62.6	69.2	83	52	58	60	76	73	.515	.537	1.73	.65	4.9	4.4	4.2
May	29.94	30.19	29.65	73.0	74.7	80.4	66.2	73.3	87	48	63	63	71	69	.586	.598	2.57	1.26	2.8	4.5	3.1
June	30.01	30.13	29.84	77.3	79.1	85.3	71.7	78.5	101	60	68	69	73	73	.689	.726	.87	.43	5.0	5.1	5.3
July	29.98	30.11	29.81	78.3	78.9	86.0	71.9	79.0	93	66	72	71	81	78	.783	.770	6.17	2.71	5.0	6.8	6.2
August	29.96	30.11	29.77	78.5	79.3	85.8	73.5	79.6	90	69	73	73	85	81	.823	.803	13.67	5.95	5.1	6.4	5.7
September	29.94	30.16	29.69	75.3	79.4	86.1	70.9	78.5	91	64	68	68	78	71	.692	.706	4.11	2.00	3.8	4.1	3.7
October	29.95	30.15	29.22	64.2	71.1	78.7	60.1	69.4	88	50	53	57	69	64	.429	.485	3.06	2.53	2.0	2.1	2.2
November	30.16	30.38	29.88	53.6	60.3	67.5	50.6	59.0	77	29	45	49	74	67	.328	.372	.70	.43	2.9	2.1	3.3
December	30.14	30.68	29.62	51.6	57.6	64.3	47.8	56.0	75	14	47	49	85	74	.363	.388	1.45	.62	3.7	2.8	4.2
Year	30.03	30.68	29.22	65.1	69.0	75.4	60.5	67.9	101	14	58	59	78	74	.531	.553	53.99	5.95	4.2	4.4	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

OSWEGO, N. Y.

[H = 335 ft.; h_t = 76 ft.; h_r = 83 ft.; h_a = 87 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	14.6	SE.	42	NW.	4	4	3	3	20	8	5	11	8	0	4	8	19	17	12	11	0	0	15	0	29	0	1
February	14.3	SE.	40	NW.	2	4	4	1	16	9	6	3	13	0	3	8	17	18	13	15	0	0	17	0	25	0	0
March	13.3	S.	36	NW.	0	3	3	2	15	16	6	8	9	0	5	12	14	15	10	5	0	0	4	0	16	0	1
April	10.0	W.	35	SE.	0	12	6	0	9	11	1	15	6	0	9	6	15	12	9	3	0	1	1	0	6	1	1
May	9.5	W.	40	SE.	1	13	1	1	13	6	10	13	2	3	9	7	15	17	14	0	0	2	0	0	0	5	0
June	7.9	W.	28	W.	0	3	2	1	4	13	7	28	1	1	9	16	5	14	10	0	0	1	0	0	0	8	2
July	7.9	W.	30	NW.	0	5	4	0	7	10	8	16	6	6	14	13	4	9	7	0	0	0	0	2	0	4	2
August	8.8	S.	31	NW.	0	10	4	0	7	19	2	14	6	0	13	10	8	8	4	0	0	0	0	0	0	4	1
September	9.2	SE.	30	NW.	0	3	2	1	24	15	2	10	3	0	13	9	8	11	10	0	0	0	0	0	0	2	2
October	11.3	SE.	37	NW.	0	2	3	0	21	9	9	10	6	2	7	6	18	15	13	0	0	0	0	0	0	2	2
November	14.7	NW.	40	W.	2	4	2	3	7	14	6	8	16	0	1	5	24	18	14	11	0	0	5	0	16	0	0
December	13.6	S.	48	NE.	2	3	4	1	13	22	5	6	8	0	4	8	19	15	9	6	0	0	8	0	21	0	0
Year	11.3	SE.	48	NE.	11	66	38	13	156	152	67	142	84	12	91	108	166	169	125	51	0	4	50	2	113	26	12

PALESTINE, TEX.

[H = 510 ft.; h_t = 54 ft.; h_r = 54 ft.; h_a = 61 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.4	SW.	29	W.	0	3	10	7	6	9	13	2	10	2	12	12	7	7	7	0	1	1	1	0	6	1	0
February	7.9	NW.	28	NW.	0	11	9	5	7	4	4	2	14	0	4	12	12	15	12	2	0	2	0	0	11	2	0
March	8.2	S.	32	SE.	0	7	10	4	9	16	9	2	5	0	10	12	9	16	14	0	0	2	0	0	3	8	0
April	7.6	SE.	38	S.	0	2	9	3	13	10	11	4	8	0	6	15	9	12	11	0	3	0	0	0	0	6	0
May	6.2	SW.	20	SE.	0	8	6	3	6	9	15	7	7	1	14	15	2	7	5	0	0	0	0	1	0	2	0
June	6.0	SW.	20	N.	0	1	6	8	12	11	17	4	1	0	12	11	7	10	8	0	0	1	0	13	0	3	0
July	4.9	SE.	25	NE.	0	4	13	6	14	7	10	5	2	1	11	17	3	7	6	0	0	1	0	21	0	7	0
August	4.4	SW.	26	NW.	0	2	11	9	11	9	11	5	1	3	4	19	8	13	8	0	1	0	0	17	0	8	0
September	4.7	NE.	23	SE.	0	4	16	5	11	14	9	0	0	1	10	12	8	9	8	0	0	3	0	9	0	5	0
October	5.4	NE.	26	NW.	0	3	12	7	10	9	10	2	5	4	17	14	0	4	3	0	0	0	0	0	0	1	0
November	6.1	S.	36	S.	0	9	1	3	7	12	9	4	7	8	14	15	1	4	3	0	0	2	0	0	2	1	0
December	6.3	S.	28	W.	0	4	6	2	2	14	12	4	13	5	7	16	8	10	6	0	1	1	1	0	5	1	0
Year	6.2	SW.	38	S.	0	58	109	62	108	124	130	41	73	25	121	170	74	114	91	2	6	13	2	61	27	45	0

PARKERSBURG, W. VA.

[H = 638 ft.; h_t = 77 ft.; h_r = 69 ft.; h_a = 84 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.2	S.	40	W.	1	5	4	8	11	14	6	8	1	5	9	13	9	13	10	4	0	0	4	0	19	0	0
February	6.9	S.	35	SW.	0	6	5	5	7	9	7	8	5	4	6	11	11	15	14	8	0	1	8	0	23	0	1
March	6.3	W.	35	W.	0	1	1	5	15	10	7	16	2	5	9	9	13	12	8	2	1	0	2	0	11	2	1
April	6.1	W.	24	SW.	0	10	5	5	7	7	8	10	5	3	7	11	12	17	14	0	0	0	0	0	2	4	0
May	5.1	SE.	34	SW.	0	5	6	1	12	10	6	6	10	6	9	17	5	17	11	0	1	0	0	0	0	6	0
June	4.1	SE.	46	W.	1	5	2	5	21	7	9	3	1	7	13	14	3	14	8	0	2	0	0	9	0	11	0
July	4.4	SE.	26	SW.	0	7	3	6	20	5	9	9	1	2	12	13	6	14	11	0	0	0	0	15	0	4	0
August	3.8	E.	30	E.	0	9	7	11	11	7	5	6	2	4	16	9	6	10	8	0	0	2	0	6	0	6	0
September	4.1	SE.	19	W.	0	5	4	10	16	8	6	8	2	1	12	13	5	10	7	0	0	1	0	4	0	1	0
October	5.1	SE.	30	SW.	0	2	2	11	17	8	10	7	2	3	14	12	5	6	5	0	1	8	0	0	1	2	0
November	6.9	SE.	36	S.	0	2	0	10	14	9	11	11	2	1	9	11	10	12	11	7	0	1	1	0	15	0	0
December	5.7	S.	30	SW.	0	0	3	11	11	14	9	8	5	0	7	9	15	14	13	2	0	0	6	0	19	0	0
Year	5.4	SE.	46	W.	2	57	42	88	162	108	93	100	39	41	123	142	100	154	123	23	5	13	21	34	90	36	2

PENSACOLA, FLA.

[H = 56 ft.; h_t = 78 ft.; h_r = 79 ft.; h_a = 90 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.1	N.	35	SE.	0	15	7	5	12	6	7	1	7	2	12	6	13	11	8	0	0	4	0	0	4	0	0
February	10.2	NE.	43	SW.	1	8	19	2	9	2	7	2	7	0	7	4	17	17	14	0	0	1	0	0	2	2	0
March	10.6	SE.	35	NW.	0	9	10	0	16	11	6	3	7	0	14	8	9	10	9	0	0	3	0	0	2	3	0
April	9.9	SW.	34	NW.	0	4	8	1	12	11	14	5	5	0	14	10	6	6	5	0	0	0	0	0	0	1	0
May	9.1	SW.	39	SW.	0	7	8	2	7	0	30	2	6	0	21	8	2	7	7	0	1	0	0	0	0	4	0
June	8.9	SW.	29	SW.	0	5	8	5	5	5	26	5	0	1	10	13	7	7	3	0	0	0	0	2	0	3	0
July	8.3	NE.	38	NE.	0	2	17	3	4	2	15	8	11	0	6	12	13	18	14	0	0	0	0	3	0	10	0
August	8.7	SW.	52	SE.	1	1	8	0	4	3	20	8	18	0	10	8	13	17	16	0	0	0	0	0	0	9	0
September	9.4	NE.	40	SW.	1	10	22	3	4	3	10	5	3	0	18	7	5	9	8	0	0	0	0	2	0	3	0
October	10.2	NE.	68	NE.	1	12	22	3	1	3	9	7	5	0	25	3	3	5	5	0	0	0	0	0	0	0	0
November	8.4	N.	30	NW.	0	16	12	7	10	0	7	1	7	0	19	6	5	5	4	0	0	1	0	0	1	0	0
December	9.4	NE.	36	SW.	0	13	14	1	8	5	11	0	9	1	18	6	7	10	6	0	0	1	0	0	4	3	0
Year	9.4	SW.	68	NE.	4	102	155	32	92	51	162	47	85	4	174	91	100	122	99	0	1	10	0	7	13	38	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

PHILADELPHIA, PA.

[λ=39° 57′ N.; φ=75° 9′ W.; gravity corr., —0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.05	30.54	29.22	33.1	37.9	42.3	30.9	36.6	58	17	27	30	79	74	.153	.177	1.78	.76	6.7	4.4	6.2
February	30.03	30.73	29.35	29.2	33.0	38.5	25.3	31.9	56	4	22	24	76	70	.130	.135	3.07	.70	6.9	5.0	6.3
March	30.00	30.48	29.51	41.7	48.2	55.8	38.3	47.0	77	21	34	36	74	64	.205	.228	1.45	.73	5.0	4.1	5.3
April	29.92	30.33	29.32	48.0	51.7	60.0	43.0	51.5	77	27	38	38	69	62	.243	.247	2.99	1.52	4.3	4.3	5.0
May	29.84	30.34	29.50	59.7	63.7	73.0	54.4	63.7	87	43	51	52	76	70	.393	.406	9.46	3.10	6.5	6.4	6.2
June	29.89	30.19	29.55	69.0	73.2	82.3	63.3	72.8	97	48	60	62	73	69	.530	.569	1.63	.72	4.0	4.9	4.5
July	29.90	30.10	29.61	74.0	77.8	86.8	68.7	77.8	97	58	65	63	75	62	.633	.590	.75	.22	4.7	4.5	4.6
August	29.91	30.08	29.69	68.4	73.2	81.4	64.5	73.0	89	58	60	62	76	69	.536	.565	2.15	.80	5.3	3.7	4.7
September	29.99	30.43	29.58	66.1	70.0	77.2	62.7	70.0	91	44	60	61	82	75	.543	.560	5.11	1.96	6.8	4.9	5.9
October	29.89	30.24	29.01	53.9	57.4	64.5	50.0	57.2	82	37	46	48	77	72	.326	.347	4.66	1.76	4.8	4.9	5.6
November	30.00	30.61	29.51	39.4	42.3	48.3	35.8	42.0	69	22	32	32	74	68	.191	.193	3.26	1.29	5.0	3.9	4.9
December	30.03	30.32	29.12	34.2	37.0	42.7	31.1	36.9	56	7	28	28	78	71	.161	.163	4.03	1.35	5.4	3.7	5.1
Year	29.95	30.73	29.01	51.4	55.4	62.7	47.3	55.0	97	4	44	45	76	69	.337	.348	40.34	3.10	5.4	4.6	5.4

PIERRE, S. DAK.

[λ=44° 24′ N.; φ=100° 17′ W.; gravity corr., 0.]

January	28.46	29.12	27.94	5.8	13.0	19.7	1.9	10.8	47	—28	3	9	86	82	.062	.080	.46	.12	5.1	5.4	5.5
February	28.50	29.13	27.82	8.4	20.1	27.7	5.8	16.8	69	—14	5	14	86	76	.059	.090	.04	.04	3.7	2.6	3.0
March	28.36	29.10	27.82	25.6	36.9	44.6	23.6	34.1	73	— 5	21	25	82	65	.120	.141	1.60	.66	5.4	5.4	5.0
April	28.33	28.73	27.95	42.5	56.2	60.6	39.3	50.0	83	24	37	39	80	55	.228	.248	1.56	.34	6.2	5.6	3.7
May	28.35	28.84	27.65	53.2	69.4	73.7	49.2	61.4	97	36	42	42	68	39	.282	.282	.46	.31	3.9	4.7	4.0
June	28.29	28.68	27.84	65.8	80.1	85.3	60.1	72.7	97	41	53	52	64	40	.410	.401	1.14	.66	3.6	5.2	4.0
July	28.43	28.70	28.01	69.7	87.7	93.2	64.7	79.0	108	55	53	52	58	33	.420	.402	.81	.71	3.5	4.7	4.4
August	28.44	28.68	28.15	65.2	85.8	90.9	61.6	76.2	100	49	52	49	63	30	.393	.359	.21	.09	2.8	3.5	3.2
September	28.34	28.90	27.94	53.6	70.7	77.8	51.1	64.4	97	29	41	40	64	36	.268	.259	.73	.29	3.9	2.8	4.0
October	28.31	28.76	27.74	40.2	54.2	63.5	37.7	50.6	87	21	32	34	73	48	.182	.194	.58	.29	3.8	3.0	4.1
November	28.50	29.05	27.81	27.6	37.2	46.1	22.4	34.2	74	2	20	24	74	59	.117	.133	.15	.11	6.2	3.9	5.3
December	28.49	29.37	27.79	19.2	29.6	37.8	15.5	26.6	67	—15	14	20	80	66	.084	.111	.08	.08	3.5	2.4	3.5
Year	28.40	29.37	27.65	39.7	53.4	60.1	36.1	48.1	108	—28	31	33	73	52	.219	.225	7.82	.71	4.3	4.1	4.3

PITTSBURG, PA.

[λ=40° 32′ N.; φ=80° 2′ W.; gravity corr., —0.01.]

January	29.25	29.70	28.68	34.2	38.6	45.1	28.9	37.0	60	10	29	31	83	73	.172	.180	2.02	.50	6.4	3.8	5.8
February	29.23	29.86	28.57	28.9	33.7	39.3	24.1	31.7	64	6	24	26	83	73	.137	.144	2.98	.63	7.0	5.2	6.0
March	29.20	29.60	28.84	42.2	50.4	57.9	37.0	47.4	76	15	36	38	78	63	.223	.243	2.41	.71	5.5	3.1	4.9
April	29.18	29.52	28.79	47.0	55.0	61.0	41.1	51.0	82	24	40	39	79	57	.265	.256	3.63	1.10	5.3	4.4	5.3
May	29.09	29.56	28.70	58.6	64.0	72.5	50.8	61.6	87	40	53	55	82	74	.407	.441	4.63	.91	5.5	5.9	5.8
June	29.16	29.40	28.83	67.9	75.3	83.1	60.0	71.6	95	42	60	62	78	64	.544	.562	.61	.29	3.8	3.5	4.0
July	29.17	29.38	28.91	72.0	78.5	86.7	65.8	76.2	97	49	59	58	65	52	.509	.487	1.16	.56	4.7	4.4	4.7
August	29.17	29.40	28.92	67.5	77.0	84.1	63.2	73.6	93	51	56	55	68	48	.455	.440	.43	.37	3.8	3.9	4.3
September	29.22	29.53	28.90	65.0	70.8	79.3	61.4	70.4	92	43	57	56	77	62	.486	.474	3.68	1.44	4.1	4.4	5.2
October	29.13	29.46	28.83	50.3	57.2	66.2	46.5	56.4	82	34	45	46	84	67	.309	.314	1.72	.62	3.1	3.4	4.9
November	29.23	29.81	28.91	37.0	41.6	48.0	32.8	40.4	74	22	31	32	80	70	.178	.183	1.80	.44	5.4	5.9	6.3
December	29.26	29.60	28.86	34.1	37.4	43.2	30.0	36.6	62	— 4	30	31	84	80	.179	.187	3.10	.88	6.2	5.2	6.8
Year	29.19	29.86	28.57	50.4	56.6	63.9	45.1	54.5	97	— 4	43	44	78	65	.322	.326	28.17	1.44	5.1	4.4	5.3

PIKES PEAK, COLO.

[λ=38° 50′ N.; φ=105° 2′ W.; gravity corr., —0.01.]

January	17.45	17.82	17.02	—0.4	0.9	5.4	—4.3	0.6	23	—26	— 6	— 4	77	77	.032	.034	.43	.24	2.1	3.3	4.7
February	17.45	17.71	17.13	—1.6	0.2	4.4	—5.3	—0.4	18	—19	—14	—10	61	64	.022	.025	1.01	.40	2.9	3.0	5.5
March	17.54	17.84	17.17	6.2	9.2	13.8	3.4	8.6	26	—17	0	2	75	74	.041	.048	1.34	.42	2.7	4.5	6.3
April	17.67	17.96	17.32	11.9	17.2	21.8	9.4	15.6	33	— 5	2	9	65	70	.047	.063	2.45	1.15	2.8	4.8	5.2
May	17.82	18.05	17.45	21.8	27.0	31.0	20.1	25.6	40	6	12	18	65	69	.073	.098	7.70	4.57	3.3	5.4	6.4
June	17.88	18.14	17.57	25.8	30.9	34.2	24.3	29.2	44	7	14	20	58	66	.080	.108	.54	.33	1.4	5.1	4.6
July	18.11	18.25	17.99	35.2	37.3	42.2	32.4	37.3	49	26	25	29	67	75	.134	.162	3.81	1.97	2.6	7.2	6.5
August	18.10	18.18	17.96	34.1	37.1	40.9	31.4	36.2	47	24	26	32	72	82	.139	.170	4.17	.89	3.1	6.4	7.0
September	17.91	18.08	17.53	25.8	30.7	34.9	23.6	29.2	44	9	16	19	65	62	.088	.106	1.94	1.35	1.1	3.9	4.2
October *a*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Station closed.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

PHILADELPHIA, PA.

[H = 117 ft.; h_t = 168 ft.; h_r = 166 ft.; h_a = 184 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Wind. Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	10.3	NW.	38	NW.	0	9	10	4	6	5	7	11	10	0	9	6	16	14	9	3	0	1	2	0	18	0	0
February	12.3	NE.	40	NE.	1	6	15	4	1	5	6	3	16	0	5	11	12	12	10	7	0	0	6	0	20	1	1
March	10.2	NW.	36	NW.	0	3	8	6	5	9	10	6	14	1	12	8	11	10	7	0	0	2	0	0	5	1	2
April	12.1	NW.	43	NE.	1	10	5	3	3	12	8	6	13	0	13	7	10	10	7	2	0	0	0	0	2	2	0
May	10.6	SW.	42	NE.	1	8	3	12	9	3	11	8	8	0	9	6	16	15	14	0	1	0	0	0	0	7	0
June	9.0	SW.	36	NW.	0	5	4	4	6	3	22	6	10	0	13	12	5	9	6	0	0	0	0	8	0	6	0
July	9.3	SW.	36	NW.	0	4	9	4	4	5	21	9	6	0	12	12	7	7	5	0	0	0	0	14	0	4	0
August	7.9	SW.	23	NW.	0	9	5	4	8	8	15	3	10	0	11	12	8	7	6	0	0	0	0	0	0	6	0
September	9.7	SW.	37	NW.	0	3	13	6	3	10	13	3	9	0	10	6	14	8	6	0	0	0	0	1	0	4	0
October	10.6	NE.	39	NE.	0	9	8	7	2	9	6	13	8	0	11	8	12	10	7	0	0	1	0	0	0	0	0
November	10.7	NW.	37	NW.	0	10	1	5	6	4	10	12	12	0	14	5	11	13	10	1	0	2	0	0	7	0	0
December	10.1	NW.	36	NW.	0	11	8	3	3	2	11	9	15	0	10	11	10	10	9	2	0	1	4	0	13	0	0
Year	10.2	SW.	43	NE.	3	87	89	62	56	75	140	89	131	1	129	104	132	125	96	15	0	7	12	23	65	31	3

PIERRE, S. DAK.

[H = 1,470 ft.; h_t = 50 ft.; h_r = 47 ft.; h_a = 61 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.9	SE.	32	NW.	0	7	4	6	20	0	6	6	12	1	7	14	10	10	5	10	0	0	20	0	31	0	2
February	8.6	NW.	36	NW.	0	6	1	3	15	3	6	4	16	2	16	11	1	1	1	1	0	0	16	0	28	0	3
March	11.5	NW.	40	N.	1	9	2	5	16	0	5	6	19	0	12	11	8	7	4	6	0	0	9	0	21	0	2
April	14.3	SE.	48	NW.	3	8	3	6	18	5	2	1	15	2	8	12	10	12	10	1	0	1	0	0	8	0	0
May	11.1	SE.	36	NW.	0	8	1	8	20	3	5	1	16	0	14	15	2	5	4	0	0	0	0	4	0	0	0
June	11.8	SE.	46	W.	4	3	2	8	23	12	1	4	7	0	12	17	1	9	7	0	1	0	0	12	0	4	0
July	8.7	SE.	60	NW.	2	6	4	1	23	7	6	2	10	3	13	13	5	3	3	0	0	0	0	16	0	6	0
August	9.6	SE.	45	NW.	2	6	9	9	11	8	5	1	11	2	19	8	4	4	3	0	0	0	0	19	0	4	0
September	10.4	SE.	40	S.	1	14	1	3	15	9	4	2	6	6	13	12	5	6	5	0	0	0	0	4	1	2	0
October	10.8	NW.	44	W.	2	5	0	2	16	2	6	6	20	5	16	7	8	5	4	0	0	0	0	0	2	1	1
November	9.3	NW.	40	W.	1	4	1	5	17	3	0	6	22	2	9	12	9	3	1	0	0	0	6	0	23	0	0
December	7.0	NW.	48	W.	2	7	2	3	9	7	7	9	17	1	16	10	5	1	1	1	0	1	11	0	30	0	0
Year	10.0	SE.	60	NW.	18	83	30	59	203	59	53	48	171	24	155	142	68	66	48	19	1	2	62	55	144	17	8

PITTSBURG, PA.

[H = 842 ft.; h_t = 116 ft.; h_r = 101 ft.; h_a = 123 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.4	SW.	28	W.	0	3	3	4	13	8	12	9	10	0	8	12	11	11	8	3	0	1	3	0	19	0	0
February	8.0	NW.	30	NW.	0	7	5	1	10	5	10	6	12	0	7	10	11	12	9	7	0	1	7	0	21	0	1
March	7.5	NW.	32	NW.	0	4	5	1	8	8	12	8	15	1	14	9	8	9	9	1	1	4	2	0	9	2	1
April	6.8	NW.	30	NW.	0	15	7	7	4	5	9	5	7	1	12	7	11	12	10	1	0	2	0	0	4	4	0
May	6.1	NW.	27	SW.	0	11	5	2	7	2	7	8	19	1	10	8	13	19	16	0	2	0	0	0	0	3	0
June	5.1	NW.	33	NW.	0	12	4	2	5	5	11	7	13	1	14	15	1	11	5	0	0	0	0	6	0	5	0
July	5.5	NW.	30	NW.	0	9	8	4	2	10	9	10	10	0	10	18	3	12	8	0	0	0	0	13	0	6	0
August	4.6	N.	20	SW.	0	12	7	4	7	4	12	8	6	2	14	13	4	5	3	0	0	2	0	3	0	1	0
September	5.8	SE.	27	W.	0	6	9	6	15	3	10	5	5	1	9	11	10	11	9	0	0	3	0	4	0	3	0
October	6.0	NW.	30	NW.	0	5	1	6	8	5	11	12	13	1	10	15	6	10	6	0	0	10	0	0	0	1	0
November	8.0	NW.	28	S.	0	3	1	0	7	9	15	18	7	0	7	9	14	15	11	6	0	2	1	0	12	0	0
December	6.9	W.	26	SW.	0	3	1	4	9	12	11	13	9	0	6	10	15	15	10	2	0	2	5	0	14	1	0
Year	6.5	NW.	33	NW.	0	90	56	41	95	76	129	109	126	8	121	137	107	142	104	20	3	27	18	26	79	26	2

PIKES PEAK, COLO.

[H = 14,134 ft.; h_t = 9 ft.; h_r = 3 ft.; h_a = 25 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	32.6	W.	102	W.	27	12	5	0	1	0	11	17	16	0	14	7	10	8	2	8	0	14	31	0	31	0	0
February	27.5	W.	92	W.	22	6	7	4	0	5	10	13	11	0	9	10	9	9	8	9	0	10	28	0	28	0	0
March	34.6	W.	93	W.	27	11	2	1	0	0	16	27	5	0	5	13	13	13	8	13	0	15	31	0	31	0	0
April	25.5	W.	104	SW.	24	5	7	0	2	4	14	16	12	0	12	9	9	6	6	6	0	8	27	0	30	0	0
May	21.4	W.	77	SW.	17	5	6	2	4	3	20	16	6	0	7	12	12	15	8	11	8	9	16	0	31	6	0
June	26.7	SW.	90	W.	22	1	5	2	3	4	27	14	4	0	13	9	8	9	3	7	10	9	9	0	29	4	0
July	14.1	NE.	72	W.	10	9	12	7	3	3	10	12	6	0	3	12	16	18	13	10	16	14	0	0	14	9	0
August	12.1	NE.	50	NE.	4	3	19	10	5	8	5	7	5	0	1	17	13	17	14	7	13	16	0	0	15	7	0
September	22.4	W.	86	SW.	16	5	2	3	1	9	12	20	8	0	14	10	6	6	5	5	1	5	7	0	30	2	0
October *b*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

b Station closed.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

POINT REYES LIGHT, CAL.

[λ = 38° 11′ N.; φ = 122° 51′ W.; gravity corr., —.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January						49.9	41.8	45.8	58	34							8.26	3.10			
February						51.1	42.0	46.6	60	36							2.39	.75			
March						53.4	44.7	47.8	62	30							2.06	.76			
April						55.4	43.3	49.4	72	38							.66	.32			
May						57.6	45.2	51.4	66	40							2.31	.75			
June						57.7	46.7	52.2	64	44							1.16	.71			
July						59.3	47.2	53.2	68	44							.00	.00			
August						59.2	49.5	54.4	84	42							.00	.00			
September						63.0	51.4	57.2	76	46							2.64	2.52			
October						61.0	48.0	54.5	78	46							2.42	.79			
November						61.7	46.4	54.0	78	42							1.04	1.04			
December						54.7	42.2	48.4	60	34							9.50	2.33			
Year						57.0	45.7	51.2	84	30							32.44	3.10			

PORT ANGELES, WASH.

[λ = 48° 7′ N.; φ = 123° 6′ W., gravity corr., +0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Daylight.
January	29.89	30.43	29.06	35.1	38.0	42.8	31.7	37.2	55	23	31	33	85	81	.176	.188	5.37	1.65	5.3	6.9	6.7
February	29.96	30.59	29.45	34.0	39.1	42.2	31.4	36.8	53	20	30	33	86	80	.168	.191	2.70	.64	6.7	8.1	7.3
March	29.89	30.45	29.36	35.5	43.5	46.2	33.8	40.0	54	29	31	35	84	73	.175	.204	3.35	.80	6.8	6.5	6.5
April	30.04	30.36	29.41	39.6	48.2	50.8	37.9	44.4	64	32	34	38	81	69	.199	.231	1.88	.62	6.3	7.2	6.4
May	29.99	30.40	29.65	45.8	53.1	56.0	43.5	49.8	81	32	40	41	82	72	.259	.291	1.96	.74	6.5	6.1	5.8
June	29.97	30.24	29.58	50.8	57.1	60.2	48.1	54.2	79	42	46	49	85	75	.314	.348	1.88	1.29	5.8	4.8	4.9
July	30.07	30.21	29.87	52.2	61.2	63.7	49.6	56.6	86	43	48	50	85	68	.334	.361	.21	.10	4.6	2.1	2.5
August	30.01	30.20	29.71	53.2	64.2	67.1	51.5	59.3	81	45	50	54	88	71	.357	.424	.36	.29	1.9	2.6	2.3
September	29.94	30.27	29.42	49.0	56.9	59.8	46.9	53.4	76	40	46	50	91	78	.319	.357	2.60	.65	6.0	6.0	5.6
October	29.93	30.28	29.39	43.6	50.1	52.8	40.9	46.8	63	33	40	43	88	79	.252	.285	2.75	.74	7.0	6.6	6.4
November	30.09	30.48	29.61	43.2	45.7	48.5	39.8	44.2	55	29	40	42	90	86	.252	.267	5.53	1.66	7.5	8.2	7.9
December	29.91	30.59	28.72	36.0	38.2	42.8	33.1	38.0	49	26	32	34	85	85	.180	.196	1.63	.48	6.6	6.2	6.5
Year	29.97	30.59	28.72	43.2	49.6	52.7	40.7	46.7	86	20	39	42	86	76	.249	.279	30.22	1.66	5.9	5.9	5.7

PORT CRESCENT, WASH.

[λ = 48° 10′ N.; φ = 123° 44′ W., gravity corr., —.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Daylight.
January						39.1	29.4	34.2	50	21							8.45	1.85			
February						40.1	27.6	33.8	50	9							4.08	1.13			
March						46.2	32.6	39.4	59	27							5.30	.86			
April						52.7	36.3	44.5	63	29							3.26	.46			
May							41.1			31							2.41	.81			
June						63.1	44.1	53.6	77	37							2.41	.78			
July						68.8	46.2	57.5	85	39							.37	.12			
August						72.4	49.6	61.0	93	42							.47	.47			
September						60.3	43.7	52.0	72	32							4.23	1.01			
October						52.9	37.5	45.2	62	29							5.89	1.66			
November						48.6	37.1	42.8	55	25							7.12	2.65			
December						41.0	32.0	36.5	47	25							3.16	.71			
Year							38.1		93	9							47.15	2.65			

PORT HURON, MICH.

[λ = 43° N.; φ = 82° 26′ W.; gravity corr., 0.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Daylight.
January	29.38	29.91	28.90	25.8	29.3	33.6	22.3	28.0	50	0	21	24	80	77	.120	.131	.86	.20	5.8	4.7	5.9
February	29.39	30.12	28.67	17.6	24.0	28.1	15.1	21.6	50	—10	12	18	76	76	.082	.105	2.88	1.25	5.1	5.2	5.4
March	29.32	29.68	28.91	34.7	40.3	46.7	31.6	39.2	72	10	29	32	78	71	.162	.188	1.28	.68	5.9	5.5	5.6
April	29.35	29.71	28.90	41.1	45.8	52.5	36.3	44.4	76	22	34	36	76	69	.204	.216	2.28	.80	4.3	5.4	5.1
May	29.24	29.69	28.79	51.0	53.1	61.5	44.2	52.8	81	34	42	46	73	77	.277	.314	6.97	2.99	6.0	5.6	5.9
June	29.30	29.56	28.90	64.1	69.7	75.8	57.3	68.0	94	35	56	59	74	69	.466	.522	3.38	1.35	3.7	4.1	3.5
July	29.32	29.54	29.10	67.9	73.3	80.9	61.3	71.1	96	47	58	58	71	62	.490	.495	.65	.40	2.8	3.7	3.4
August	29.35	29.58	29.07	61.8	69.3	76.4	57.2	66.8	92	43	54	55	77	62	.428	.442	.07	.07	3.4	4.5	4.2
September	29.37	29.76	28.99	59.7	65.6	75.0	55.6	65.3	92	36	54	55	83	70	.440	.456	3.71	2.32	3.1	2.6	3.5
October	29.26	29.59	28.86	46.0	51.7	59.4	43.2	51.3	78	25	40	43	83	73	.263	.284	2.13	.85	5.0	4.9	5.2
November	29.34	30.01	28.86	31.2	35.1	39.9	28.3	34.1	64	12	26	27	78	72	.141	.153	1.43	.68	6.9	5.9	6.5
December	29.37	29.79	28.91	29.1	32.1	37.2	26.0	31.6	53	—4	23	25	77	75	.132	.144	1.28	.51	5.4	5.9	5.9
Year	29.33	30.12	28.67	44.2	49.1	55.8	39.9	47.8	96	—10	37	40	77	71	.267	.288	26.92	2.99	4.8	4.8	5.0

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

POINT REYES LIGHT, CAL.

[H = 12 ft.; h_t = 12 ft.; h_r = 1 ft.; h_a = 16 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles		*Mi*																								
January	14.8	NW.	....	.....	....	6	0	3	15	7	3	2	24	1	8	0	23	13	13	0	1	5	0	0	0	0	0
February	16.2	SE.	....	.....	....	7	0	2	12	5	2	0	26	2	10	0	18	12	11	0	0	0	0	0	0	0	0
March	21.0	NW.	....	.....	....	16	0	0	6	3	0	1	36	0	8	4	19	6	6	0	0	5	0	0	1	0	0
April	24.0	NW.	....	.....	....	7	0	2	4	1	0	4	42	0	15	6	9	4	4	0	0	3	0	0	0	0	0
May	17.5	NW.	....	.....	....	5	0	0	8	13	1	1	33	1	8	0	23	7	7	0	0	4	0	0	0	0	0
June	24.5	NW.	....	.....	....	5	0	1	6	5	0	1	30	2	10	4	16	4	4	0	0	6	0	0	0	0	0
July	18.7	NW.	....	.....	....	1	0	0	6	14	3	1	35	2	8	1	22	0	0	0	0	19	0	0	0	0	0
August	19.3	NW.	....	.....	....	7	0	0	3	10	1	2	38	1	4	1	26	0	0	0	0	19	0	0	0	0	0
September	15.9	NW.	....	.....	....	7	0	4	7	6	2	0	29	5	12	4	14	3	3	0	0	11	0	0	0	0	0
October	15.5	NW.	....	.....	....	4	0	2	10	10	3	2	27	4	12	3	16	7	6	0	0	8	0	0	0	0	0
November	10.9	N.	....	.....	....	20	0	3	4	13	3	0	16	1	10	6	14	1	1	0	0	12	0	0	0	0	0
December	16.0	SE.	....	.....	....	9	0	3	18	11	11	0	9	1	4	0	27	20	17	0	0	0	0	0	0	1	0
Year	17.9	NW.	....	.....	....	94	0	20	99	98	29	14	345	20	109	29	227	77	72	0	1	92	0	0	1	1	0

PORT ANGELES, WASH.

[H = 29 ft.; h_t = 47 ft.; h_r = 35 ft.; h_a = 59 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	5.1	S.	24	SW.	0	1	2	5	9	29	12	2	0	2	4	15	12	24	21	7	0	0	0	0	19	1	0
February	5.1	S.	27	SW.	0	3	1	5	6	19	14	7	1	0	2	9	17	18	13	6	0	0	1	0	13	0	2
March	4.9	S.	28	SW.	0	1	2	8	6	21	9	11	4	0	5	14	12	19	7	2	0	0	0	0	9	0	0
April	5.6	S.	35	W.	0	3	3	3	4	18	5	15	9	0	2	19	9	16	9	0	0	0	0	0	2	0	0
May	6.0	W.	27	W.	0	1	3	6	7	9	7	27	2	0	6	15	10	11	7	0	0	0	0	0	0	0	0
June	5.9	W.	24	W.	0	3	1	6	3	7	9	29	1	1	10	12	8	10	6	0	0	0	0	0	0	1	0
July	6.6	W.	24	W.	0	0	0	5	1	13	8	29	6	0	25	2	4	4	2	0	0	0	0	0	0	0	0
August	4.9	W.	24	W.	0	0	1	4	6	15	7	25	4	0	21	9	1	3	3	0	0	0	0	0	0	1	2
September	4.6	S.	24	W.	0	1	1	9	3	15	11	15	5	0	10	8	12	15	14	0	0	0	0	0	0	0	1
October	4.7	S.	30	W.	0	1	2	10	8	18	5	15	2	1	4	13	14	14	12	0	0	0	0	0	9	0	0
November	4.5	S.	29	W.	0	1	3	9	11	16	5	12	3	0	2	6	22	22	16	0	0	2	0	0	2	0	0
December	5.1	S.	48	NE.	1	1	1	3	17	26	5	8	1	0	6	11	14	12	9	0	0	0	0	0	11	0	0
Year	5.3	S.	48	NE.	1	16	20	73	81	206	97	195	38	4	97	133	135	168	129	15	0	2	1	0	56	3	5

PORT CRESCENT, WASH.

[H = — ft.; h_t = 4 ft.; h_r = 1 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	SW.	....	.....	....	0	5	3	7	0	11	4	1	0	8	6	17	16	16	5	0	0	0	0	22	0	0
February	.....	SW.	....	.....	....	0	3	4	3	3	11	4	0	0	7	7	14	14	14	4	0	0	1	0	18	0	0
March	.....	W.	....	.....	....	0	0	6	8	1	7	9	0	0	8	9	14	19	18	3	0	0	0	0	14	0	0
April	.....	SW.	....	.....	....	0	0	4	1	0	16	8	0	1	6	14	10	16	16	0	0	0	0	0	3	0	0
May	.....	W.	....	.....	....	0	0	6	0	0	5	20	0	0	16	8	7	12	12	0	0	....	....	....	1	....	0
June	.....	W.	....	.....	....	0	0	6	0	0	10	11	0	3	13	12	5	11	11	0	0	....	0	0	0	....	0
July	.....	W.	....	.....	....	0	0	3	0	1	8	17	0	2	24	5	2	5	5	0	0	....	0	0	0	....	0
August	.....	W.	....	.....	....	0	0	3	2	0	5	20	0	1	27	3	1	2	2	0	0	....	0	1	0	....	0
September	.....	SW.	....	.....	....	0	0	7	0	1	12	10	0	0	13	7	10	14	14	0	0	....	0	0	0	....	0
October	.....	E.	....	.....	....	0	1	8	7	0	7	7	0	1	11	9	11	18	18	0	0	....	0	0	3	....	0
November	.....	SW.	....	.....	....	0	3	9	2	0	11	5	0	0	4	14	12	17	17	0	0	....	0	0	3	....	0
December	.....	E.	....	.....	....	0	5	13	3	1	6	2	0	1	9	11	11	14	14	2	0	....	0	0	13	....	0
Year	.....	W.	....	.....	....	0	17	72	33	7	109	117	1	9	146	105	114	158	157	14	0	....	....	....	77	....	0

PORT HURON, MICH.

[H = 639 ft.; h_t = 70 ft.; h_r = 63 ft.; h_a = 108 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	12.1	SW.	45	W.	2	3	2	4	10	7	19	8	9	0	8	11	12	12	7	5	0	2	14	0	25	0	0
February	14.0	SW.	49	SW.	3	4	8	3	3	11	13	7	7	0	10	9	9	10	7	7	0	1	16	0	26	1	1
March	14.0	S.	54	W.	2	3	4	3	6	15	12	9	10	0	8	12	11	16	7	6	0	0	4	0	13	0	1
April	11.1	NE.	54	SW.	2	6	24	3	3	10	8	3	3	0	12	7	11	9	7	2	0	1	1	0	7	0	0
May	12.9	NE.	48	W.	3	13	14	2	10	8	8	6	1	0	10	8	13	20	18	0	1	1	0	0	0	8	0
June	9.0	S.	44	N.	2	4	12	0	4	14	13	10	3	0	13	14	3	11	8	0	0	0	0	4	0	8	0
July	9.2	NE.	36	SW.	0	5	19	1	6	8	12	7	4	0	17	10	4	6	4	0	0	0	0	4	0	1	0
August	9.3	NE.	27	W.	0	6	15	2	7	9	12	3	8	0	17	6	8	2	1	0	0	3	0	1	0	0	0
September	10.6	S.	44	W.	2	5	8	1	7	16	13	5	5	0	19	5	6	8	7	0	0	2	0	1	0	3	0
October	10.6	SW.	36	SW.	0	3	4	1	8	11	15	11	8	1	11	9	11	14	11	0	0	5	0	0	1	0	0
November	14.0	SW.	42	W.	1	3	1	2	6	8	16	8	16	0	5	11	14	13	9	9	0	0	5	0	20	0	0
December	13.6	SW.	45	W.	1	1	3	1	4	8	21	15	9	0	9	7	15	12	7	2	0	1	8	0	21	1	0
Year	11.7	SW.	54	W. SW.	18	56	114	23	74	125	162	92	83	1	139	109	117	133	93	31	1	16	48	10	113	22	2

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

PORTLAND, ME.

[λ=43° 39′ N.; φ=70° 15′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.99	30.64	28.70	19.6	24.8	29.9	14.5	22.2	46	— 8	13	16	76	68	.083	.097	3.13	1.18	5.4	4.0	4.9
February	29.98	30.68	29.00	17.3	23.0	28.6	11.8	20.2	48	—15	12	14	79	67	.086	.091	2.70	1.15	6.1	4.7	5.8
March	29.91	30.32	29.39	35.0	37.4	43.5	29.9	36.7	71	14	29	31	79	78	.164	.176	1.97	.72	5.2	4.2	5.5
April	29.89	30.31	29.41	42.7	43.3	50.7	35.8	43.2	75	19	32	34	68	71	.187	.202	2.55	.80	5.0	5.5	6.1
May	29.86	30.28	29.46	51.8	51.3	59.5	44.7	52.1	84	38	44	42	76	76	.291	.276	7.33	2.82	6.5	4.4	6.5
June	29.81	30.13	29.41	62.6	62.1	71.9	54.4	63.2	94	44	54	53	76	75	.438	.424	2.01	.65	5.9	5.8	6.7
July	29.84	30.14	29.59	68.6	68.3	78.9	60.8	69.8	97	53	60	60	77	76	.534	.518	2.96	1.37	4.9	4.5	5.9
August	29.87	30.07	29.67	62.8	64.5	71.9	57.4	64.6	88	46	55	56	77	75	.441	.453	3.27	2.26	6.1	5.4	6.5
September	29.98	30.44	29.43	58.2	59.8	67.4	53.2	60.3	88	38	52	54	82	82	.402	.431	2.76	1.45	5.3	4.3	6.3
October	29.85	30.26	29.13	49.0	50.4	57.2	44.1	50.6	67	33	43	44	82	78	.288	.291	4.65	1.34	5.7	5.3	6.3
November	29.88	30.55	29.32	33.3	35.0	41.1	28.3	34.7	58	10	27	28	77	74	.157	.160	2.05	.49	5.4	5.6	6.2
December	29.97	30.39	29.33	23.9	28.5	34.1	19.8	27.0	55	2	19	22	81	75	.110	.123	1.75	.88	5.3	3.4	4.6
Year	29.90	30.68	28.70	43.7	45.7	52.9	37.9	45.4	97	—15	37	38	78	75	.265	.270	37.13	2.82	5.6	4.8	5.9

PORTLAND, OREG.

[λ=45° 32′ N.; φ=122° 43′ W., gravity corr., 0.]

January	29.85	30.24	29.14	38.8	41.3	44.9	35.8	40.4	61	27	36	38	90	87	.214	.230	9.65	2.01	8.3	7.9	8.2
February	29.92	30.41	29.43	34.5	40.2	42.9	32.2	37.6	54	18	32	34	90	78	.181	.195	5.16	1.05	6.9	6.8	7.6
March	29.84	30.28	29.34	39.9	47.8	50.7	37.4	44.0	67	30	37	36	90	67	.222	.217	7.48	1.30	7.5	7.2	7.5
April	29.96	30.26	29.45	43.7	54.5	57.1	42.0	49.6	76	34	39	39	84	60	.241	.249	2.57	.73	7.5	6.8	6.7
May	29.86	30.28	29.39	47.9	62.5	64.5	46.5	55.5	89	32	43	44	84	53	.296	.289	1.09	.40	5.4	5.9	5.5
June	29.86	30.08	29.52	52.5	62.8	66.3	51.4	58.8	90	43	48	49	86	63	.341	.354	2.16	1.08	6.9	7.2	6.9
July	29.90	30.07	29.65	56.8	77.3	78.8	55.7	67.2	94	49	52	51	84	41	.391	.377	.10	.04	3.3	2.1	2.3
August	29.84	30.03	29.61	59.4	79.4	80.9	57.5	69.2	94	48	55	54	85	42	.431	.421	T.	T.	2.5	1.6	2.5
September	29.84	30.12	29.38	53.7	66.2	68.3	51.6	60.0	89	44	49	49	86	57	.355	.358	1.32	.30	5.6	6.0	6.2
October	29.84	30.13	29.44	47.9	56.7	59.5	45.5	52.5	73	39	45	46	90	70	.302	.320	3.56	.83	5.4	6.1	6.9
November	30.01	30.24	29.56	45.3	51.6	54.5	42.6	48.6	67	32	43	44	93	75	.285	.287	2.76	.97	5.6	5.6	6.4
December	29.83	30.37	28.88	37.4	40.6	44.3	34.7	39.5	56	27	33	32	85	73	.191	.188	3.47	.64	5.6	6.9	5.7
Year	29.88	30.41	28.88	46.5	56.7	59.4	44.4	51.9	94	18	43	43	87	64	.287	.290	39.32	2.01	5.9	5.8	6.0

PUEBLO, COLO.

[λ=38° 18′ N.; φ=104° 36′ W.; gravity corr., —0.02.]

January	25.16	25.54	24.75	21.8	39.1	47.2	16.2	31.7	70	— 7	6	5	53	25	.058	.056	.09	.05	2.7	4.2	4.0
February	25.22	25.66	24.76	14.4	28.6	37.4	9.5	23.4	58	—17	4	8	64	45	.052	.064	1.38	.73	4.5	4.1	4.4
March	25.16	25.65	24.70	31.4	50.3	57.3	29.1	43.2	75	11	15	11	52	26	.086	.078	.24	.17	4.8	5.3	4.7
April	25.17	25.49	24.77	38.9	62.1	67.6	36.3	52.0	83	22	19	11	49	18	.113	.080	.15	.10	4.1	5.5	4.7
May	25.22	25.57	24.76	49.9	69.3	76.5	46.2	61.4	88	28	31	26	54	30	.191	.176	3.76	2.48	4.9	6.8	5.4
June	25.22	25.47	24.95	57.3	78.6	83.5	53.7	68.6	97	47	40	26	57	22	.260	.174	1.06	.72	2.3	4.4	3.4
July	25.39	25.59	25.16	63.1	80.3	87.2	60.0	73.6	97	54	49	46	63	34	.355	.319	1.70	.63	3.7	7.5	5.1
August	25.38	25.53	25.17	59.2	79.3	86.6	57.8	72.2	92	48	50	46	71	35	.356	.322	2.42	1.14	3.2	6.2	4.0
September	25.27	25.70	24.87	51.0	73.2	79.8	49.3	64.6	91	34	36	33	59	26	.217	.194	.87	.63	2.2	3.4	2.8
October	25.25	25.56	24.81	40.3	62.4	71.2	37.6	54.4	84	20	21	22	44	22	.112	.117	.23	.22	1.8	2.0	2.5
November	25.36	25.60	24.92	29.3	49.7	61.1	26.2	43.6	81	12	16	17	56	30	.088	.098	.06	.06	2.7	2.7	3.5
December	25.30	25.77	24.77	21.7	36.0	45.1	17.8	31.4	69	—13	9	12	57	38	.070	.078	.68	.42	4.1	2.7	3.9
Year	25.26	25.77	24.70	39.9	59.1	66.7	36.6	51.7	97	—17	25	22	57	29	.163	.146	12.64	2.48	3.4	4.6	4.0

PYSHT, WASH.

[λ=48° 12′ N.; φ=124° 4′ W.; gravity corr., —.]

January						40.3	30.2	35.2	52	21							13.59	2.45			
February						41.6	28.5	35.0	50	16							8.88	1.62			
March						47.0	31.1	39.0	57	25							10.11	1.44			
April						53.5	36.0	44.8	70	30							7.49	1.60			
May						60.1	40.6	50.4	77	39							3.24	.79			
June						65.9	44.9	55.4	76	39							3.05	1.42			
July						69.8	44.7	57.3	82	31							.26	.14			
August						71.9	49.3	60.6	83	43							.49	.25			
September						61.4	44.9	53.2	73	37							6.38	1.76			
October						53.4	40.1	46.8	65	31							9.48	1.57			
November						48.4	38.3	40.4	54	27							9.58	2.92			
December						42.0	32.9	37.4	49	26							5.55	1.13			
Year						54.6	38.5	46.5	83	16							78.10	2.92			

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

PORTLAND, ME.

[H = 103 ft.; h_t = 81 ft.; h_r = 75 ft.; h_a = 89 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	7.9	N.	38	NW.	0	16	6	1	1	0	10	7	19	2	14	3	14	12	10	7	0	1	17	0	31	0	0
February	8.3	NW.	32	NE.	0	9	3	2	0	5	9	13	14	1	7	11	10	9	8	7	0	0	18	0	28	0	0
March	7.7	S.	28	SE.	0	7	2	2	3	17	10	7	12	2	7	16	8	11	7	4	0	3	1	0	20	0	1
April	9.5	N.	31	E.	0	14	6	7	1	10	9	6	5	2	11	3	16	12	9	4	0	3	0	0	9	1	0
May	8.3	S.	25	NW.	0	1	8	11	8	13	5	7	8	1	9	8	14	16	14	0	0	7	0	0	0	0	0
June	7.1	S.	26	S	0	2	3	7	4	11	14	7	6	2	2	16	12	10	6	0	1	3	0	1	0	5	0
July	5.9	S.	22	E.	0	6	3	7	7	13	11	8	4	3	8	12	11	11	8	0	0	8	0	4	0	5	0
August	6.0	S.	21	NW.	0	7	2	5	3	11	13	13	6	2	4	14	13	9	7	0	0	3	0	0	0	3	0
September	6.0	S.	28	SE.	0	6	7	4	4	10	8	12	6	3	7	10	13	11	8	0	0	6	0	0	0	1	0
October	7.6	W.	41	E.	1	6	6	3	7	7	12	10	7	4	9	8	14	12	10	0	0	1	0	0	0	0	0
November	8.7	W.	38	S.	0	5	5	0	3	5	15	14	13	0	9	7	14	13	10	8	0	1	6	0	20	0	0
December	7.7	NW.	36	NE.	0	9	6	0	0	5	14	12	18	0	11	13	7	8	6	6	0	1	12	0	27	0	0
Year	7.6	W.	41	E.	1	88	57	49	41	109	130	116	118	22	98	121	146	134	103	36	1	37	54	5	135	15	1

PORTLAND, OREG.

[H = 157 ft.; h_t = 203 ft.; h_r = 196 ft.; h_a = 213 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.9	SW.	50	SW.	3	11	1	1	6	19	13	1	10	0	3	6	22	26	26	7	0	4	0	0	8	0	0
February	10.7	SW.	47	SW.	2	7	3	2	9	13	18	2	2	0	3	7	18	17	15	6	0	3	0	0	16	0	1
March	9.8	SW.	46	SW.	2	7	1	3	7	12	16	6	10	0	5	6	20	23	19	3	0	1	0	0	2	0	0
April	9.1	NW.	38	SW.	0	13	2	1	6	8	14	4	12	0	5	12	13	14	11	0	2	0	0	0	0	0	0
May	9.2	NW.	42	SW.	1	16	2	1	2	6	6	1	27	1	11	9	11	9	5	0	0	0	0	0	0	1	0
June	8.1	NW.	53	S.	1	9	1	0	4	8	9	1	27	1	5	8	17	16	10	0	1	0	0	0	0	2	0
July	8.4	NW.	35	SW.	0	10	2	0	4	2	5	0	37	2	21	8	2	4	1	0	0	0	0	3	0	2	0
August	7.1	NW.	24	NE	0	8	0	1	2	5	2	1	42	1	22	6	3	0	0	0	0	2	0	2	0	0	2
September	9.3	NW.	35	SW.	0	6	1	0	5	8	12	4	23	1	7	6	17	16	11	0	1	4	0	0	0	0	0
October	9.4	NW.	38	S.	0	7	0	0	5	21	11	1	17	0	4	10	17	19	15	0	0	7	0	0	0	0	0
November	7.9	NW.	37	SW.	0	2	1	1	12	12	12	2	18	0	6	11	13	16	10	0	0	9	0	0	1	0	0
December	10.8	SE.	54	SW.	0	4	1	8	16	16	6	1	10	0	8	11	12	16	16	1	0	3	0	0	4	0	0
Year	9.2	NW.	54	SW.	12	100	15	18	78	130	124	24	235	6	100	100	165	176	139	17	4	33	0	5	31	5	3

PUEBLO, COLO.

[H = 4,734 ft.; h_t = 74 ft.; h_r = 65 ft.; h_a = 81 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.2	NW.	44	NW.	1	9	2	12	2	3	6	13	15	0	13	16	2	3	1	3	0	0	4	0	29	0	0
February	7.0	W.	41	W.	2	6	3	7	6	5	3	16	9	1	12	11	5	7	4	7	0	0	11	0	28	0	0
March	10.0	W.	48	N.	4	3	3	13	9	3	4	20	7	0	9	19	3	6	1	5	0	0	3	0	18	0	0
April	9.8	N.	50	N.	3	15	0	11	6	4	5	10	9	0	9	16	5	2	2	0	0	1	0	0	7	0	0
May	9.3	W.	43	W.	2	8	8	6	8	1	3	18	10	0	7	17	7	7	5	0	0	0	0	0	1	6	0
June	9.5	NW.	46	W.	1	4	1	4	14	4	5	8	19	1	15	14	1	6	6	0	1	0	0	6	0	4	0
July	7.1	NW.	38	N.	0	10	5	5	11	2	4	2	19	4	7	20	4	9	7	0	0	0	0	15	0	13	0
August	6.4	NW.	36	NW.	0	4	4	6	16	1	1	2	26	2	15	13	3	10	5	0	2	0	0	7	0	8	0
September	7.1	NW.	36	W.	0	0	3	7	13	2	7	6	21	1	21	7	2	3	3	0	0	0	0	2	0	1	0
October	7.5	NW.	41	NW.	2	3	6	5	7	4	3	4	28	2	22	8	1	2	1	0	0	0	0	0	7	0	0
November	6.6	NW.	52	N.	2	8	3	10	7	4	1	4	21	2	18	8	4	1	1	1	0	1	1	0	24	0	0
December	6.7	NW.	40	NW.	1	13	3	3	6	2	5	5	25	0	17	11	3	4	3	4	0	1	7	0	27	0	0
Year	8.0	NW.	52	N.	18	83	41	89	105	35	47	108	209	13	165	160	40	60	39	20	3	3	26	30	141	32	0

PYSHT, WASH.

[H = — ft.; h_t = 5 ft.; h_r = 4 ft.; h_a = — ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	.....	E.	....	.....	....	0	0	12	5	0	2	2	0	10	7	4	20	21	20	7	0	0	0	0	23	0	0
February	.....	SW.	....	.....	....	0	2	6	3	0	7	4	0	6	6	2	20	22	20	4	0	0	0	0	21	0	0
March	.....	W.	....	.....	....	0	3	6	2	0	6	8	1	5	0	5	20	23	20	5	0	0	0	0	20	0	0
April	.....	SW.	....	.....	....	0	2	4	3	0	10	7	2	2	6	4	20	22	22	1	0	0	0	0	6	0	0
May	.....	W.	....	.....	....	0	0	9	0	0	1	15	2	4	13	3	15	15	11	0	0	0	0	0	3	0	0
June	.....	W.	....	.....	....	0	0	5	0	0	1	16	0	8	14	3	13	13	9	0	0	0	0	0	0	0	0
July	.....	W.	....	.....	....	0	0	5	0	0	0	19	0	7	25	1	5	5	3	0	0	0	0	0	1	0	0
August	.....	Calm. W.	....	.....	....	0	0	3	0	0	1	12	1	14	26	1	4	3	3	0	0	0	0	0	0	0	0
September	.....	Calm. W.	....	.....	....	0	0	2	0	0	1	6	0	21	8	3	19	17	16	0	0	0	0	0	0	0	0
October	.....	Calm. W.	....	.....	....	0	0	3	3	0	1	7	0	17	6	5	20	24	19	0	0	0	0	0	1	0	0
November	.....	Calm. E.	....	.....	....	0	0	6	3	1	0	6	0	14	3	0	27	26	20	0	0	0	0	0	2	0	0
December	.....	E.	....	.....	....	0	0	14	1	0	0	4	0	11	1	3	26	21	14	1	0	0	0	0	12	0	0
Year	.....	Calm. W.	....	.....	....	0	7	75	20	1	30	106	6	119	121	34	209	212	177	18	0	0	0	0	89	0	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

RALEIGH, N. C.

[λ = 35° 45′ N.; φ = 78° 37′ W.; gravity corr., — 0.02.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.79	30.16	29.28	38.9	45.5	51.5	35.7	43.6	69	25	35	36	85	72	.214	.228	4.66	1.18	6.7	5.6	6.2
February	29.74	30.23	29.10	40.0	47.3	52.9	37.0	45.0	71	18	35	39	83	72	.226	.251	3.83	1.33	6.8	6.8	7.4
March	29.73	30.19	29.45	50.0	58.4	66.5	45.5	56.0	89	21	44	42	80	57	.315	.298	2.14	.67	4.9	2.0	4.1
April	29.67	30.00	29.30	53.9	61.0	68.7	48.0	58.4	86	34	46	41	76	51	.328	.275	1.74	.75	3.9	4.2	4.8
May	29.57	29.97	29.06	65.7	69.7	80.5	58.7	69.6	92	45	59	57	79	66	.504	.479	7.51	3.97	3.5	7.3	5.5
June	29.66	29.86	29.38	71.6	76.6	87.6	64.0	75.8	97	46	64	61	76	62	.601	.555	1.75	.77	3.3	4.8	3.7
July	29.66	29.85	29.37	73.6	77.0	86.6	68.3	77.4	93	58	68	67	82	73	.684	.670	6.33	1.76	6.3	6.9	6.0
August	29.64	29.79	29.46	71.8	74.4	84.0	66.9	75.4	96	57	68	68	87	82	.684	.695	6.15	1.46	7.0	6.1	7.0
September	29.67	30.03	29.19	69.0	72.9	80.9	65.0	73.0	93	55	64	65	86	77	.618	.620	5.00	2.05	4.7	4.8	6.0
October	29.63	29.95	28.95	56.5	61.1	69.9	51.6	60.8	84	38	50	52	81	74	.382	.405	7.08	3.97	3.5	3.7	3.8
November	29.78	30.28	29.40	43.1	49.3	57.4	39.2	48.3	73	23	37	38	80	66	.240	.249	1.59	.63	4.5	2.8	4.5
December	29.77	30.04	29.40	38.2	45.0	51.8	35.3	43.6	71	10	34	36	85	70	.211	.229	2.46	.85	4.7	4.5	5.0
Year	29.69	30.28	28.95	56.0	61.5	69.9	51.3	60.6	97	10	50	50	82	68	.417	.413	50.24	3.97	5.0	5.0	5.3

RAPID CITY, S. DAK.

[λ = 44° 4′ N.; φ = 103° 12′ W.; gravity corr., 0.]

January	26.54	27.07	26.12	14.7	18.7	29.1	7.9	18.5	59	—26	8	10	73	69	.070	.079	.41	.14	5.0	4.4	5.8
February	26.60	27.08	25.99	15.1	21.8	31.1	8.9	20.0	56	—18	5	11	64	62	.062	.080	.17	.16	3.9	3.8	3.9
March	26.53	27.18	26.10	27.6	35.1	44.4	22.6	33.5	69	— 2	18	23	68	61	.103	.126	1.18	.47	6.6	6.3	6.7
April	26.54	26.86	26.17	40.5	53.2	59.7	37.1	46.4	77	22	31	36	70	53	.180	.218	4.24	1.88	5.8	5.9	6.0
May	26.57	27.01	26.00	52.0	65.2	70.7	46.3	58.5	91	34	37	37	59	39	.225	.229	.72	.33	4.5	6.4	5.6
June	26.53	26.84	26.21	61.7	73.2	78.5	55.2	66.8	90	42	48	50	63	46	.345	.369	4.17	1.62	4.4	6.0	5.5
July	26.69	26.95	26.39	66.9	80.9	86.2	60.6	73.4	100	52	49	47	56	34	.355	.337	1.31	.35	3.5	5.6	4.5
August	26.69	26.89	26.38	64.0	81.7	87.7	59.0	73.4	95	47	46	46	55	31	.321	.323	.35	.12	3.1	4.2	3.9
September	26.59	27.01	26.23	51.0	66.0	73.4	47.0	60.2	93	33	35	36	56	37	.209	.215	.65	.54	4.3	6.1	5.3
October	26.53	26.89	25.98	42.2	52.1	63.6	37.6	50.6	82	24	28	29	57	44	.151	.165	.16	.06	3.8	3.7	4.2
November	26.65	27.05	26.11	32.3	39.4	50.5	25.1	37.8	70	1	20	23	62	55	.112	.125	.34	.16	4.8	4.3	5.1
December	26.62	27.30	25.94	25.0	29.4	43.9	18.6	31.2	72	—16	13	14	60	53	.081	.086	.05	.03	3.5	3.2	3.6
Year	26.59	27.30	25.94	41.1	51.4	59.9	35.5	47.7	100	—26	28	30	62	49	.184	.196	13.75	1.88	4.4	5.0	5.0

RED BLUFF, CAL.

[λ = 42° 10′ N.; φ = 122° 15′ W.; gravity corr., — 0.01.]

January	29.80	30.05	29.44	38.9	46.9	49.2	35.6	42.4	59	27	37	40	92	79	.222	.253	5.29	2.00	4.9	4.6	5.2
February	29.79	30.08	29.42	39.8	51.7	53.6	37.0	45.3	67	30	34	36	79	60	.198	.223	2.30	.86	3.8	4.9	5.1
March	29.71	30.00	29.24	45.3	58.4	60.4	42.6	51.5	76	30	40	40	82	55	.256	.264	2.40	.85	5.0	5.3	5.4
April	29.70	30.03	29.42	51.4	72.2	73.8	48.8	61.3	90	38	39	39	64	32	.241	.244	.55	.41	2.8	3.3	3.1
May	29.55	29.81	29.22	57.1	75.6	78.5	55.1	66.8	95	43	46	46	71	41	.330	.324	1.46	.55	3.9	3.8	3.9
June	29.58	29.80	29.42	58.0	79.8	81.6	56.6	69.1	101	46	50	48	75	36	.364	.342	1.00	.45	1.8	2.7	2.3
July	29.57	29.73	29.42	68.8	97.5	98.6	67.5	83.0	106	61	49	46	50	18	.353	.320	.02	.02	0.8	1.3	1.0
August	29.54	29.74	29.36	68.5	95.9	97.7	66.5	82.1	110	60	51	46	54	19	.381	.324	T	T	1.2	1.2	1.3
September	29.55	29.85	29.26	63.9	85.9	87.8	61.9	74.8	100	48	45	44	52	26	.301	.288	1.11	1.11	1.2	1.6	1.4
October	29.63	29.96	29.33	55.2	72.2	74.8	53.0	63.9	95	43	48	49	79	48	.336	.350	.89	.38	3.2	4.0	3.7
November	29.76	29.93	29.51	48.5	67.9	72.3	46.4	59.4	87	39	42	42	78	42	.268	.271	.95	.91	1.8	2.4	2.5
December	29.69	30.07	29.14	41.4	47.1	49.8	40.1	45.0	62	32	40	40	94	80	.247	.257	11.01	1.70	6.9	6.9	7.4
Year	29.66	30.08	29.14	53.1	70.9	73.2	50.9	62.0	110	27	43	43	72	45	.291	.288	26.98	2.00	3.1	3.5	3.5

ROCHESTER, N. Y.

[λ = 43° 8′.; φ = 77° 42′; gravity corr., 0.]

January	29.56	30.11	28.97	29.1	30.3	36.8	24.5	30.6	56	11	24	25	81	79	.134	.135	3.27	1.34	7.8	4.8	6.0
February	29.56	30.30	29.06	29.1	24.2	30.2	16.0	23.1	51	— 8	15	19	79	80	.092	.110	3.41	1.27	6.6	5.2	5.0
March	29.50	29.89	28.98	37.6	40.3	48.1	32.0	40.0	77	15	30	32	74	74	.172	.189	1.84	.70	6.6	4.4	5.9
April	29.52	29.87	29.13	44.9	47.9	55.5	37.8	46.6	79	22	35	36	69	67	.215	.226	2.03	.67	5.5	5.2	4.9
May	29.41	29.90	29.00	53.9	57.8	65.1	47.5	56.3	86	36	44	48	73	71	.301	.336	6.87	1.60	6.1	6.7	6.5
June	29.43	29.72	28.96	66.2	69.7	79.2	59.0	69.1	95	39	58	60	76	71	.504	.530	3.43	1.25	5.4	4.6	4.9
July	29.46	29.70	29.19	69.8	72.3	82.3	61.8	72.0	99	49	60	58	71	63	.516	.495	2.92	.88	3.6	2.6	4.1
August	29.49	29.68	29.21	64.2	68.3	77.6	57.7	67.6	91	48	55	53	72	59	.434	.407	.70	.40	3.5	4.0	4.5
September	29.54	29.93	29.12	61.9	64.6	75.8	56.3	66.0	91	35	55	54	79	70	.448	.438	2.63	1.10	4.8	2.6	4.4
October	29.39	29.76	28.91	50.1	52.4	61.5	45.8	53.6	78	33	44	44	80	76	.298	.304	2.86	.82	5.5	5.3	5.8
November	29.47	30.17	29.03	33.9	35.8	42.2	29.6	35.9	68	11	27	28	77	72	.152	.155	1.65	.60	8.1	7.8	8.1
December	29.51	29.90	29.14	31.2	33.1	39.1	27.5	33.3	62	— 1	25	26	78	74	.145	.147	3.50	1.72	7.4	6.3	7.2
Year	29.49	30.30	28.91	46.9	49.7	57.8	41.3	49.5	99	— 8	39	40	76	71	.284	.289	35.11	1.72	5.9	5.0	5.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

RALEIGH, N. C.

[H = 388 ft.; h_t = 70 ft.; h_r = 2 ft.; h_a = 80 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	6.4	N.	25	NW.	0	18	8	2	1	9	12	5	7	0	8	8	15	12	9	0	0	3	1	0	9	0	0
February	8.0	S.	30	NW.	0	10	7	2	3	12	10	5	7	0	5	4	19	12	11	1	0	1	1	0	10	0	0
March	6.7	SW.	28	SW.	0	6	7	5	4	11	16	3	10	0	16	7	8	11	7	0	1	1	0	0	4	2	1
April	7.4	NW.	26	NW.	0	10	7	6	6	10	8	2	11	0	13	7	10	8	7	0	0	0	0	0	0	1	0
May	5.3	S.	30	N.	0	6	2	3	5	18	17	7	4	0	7	16	8	15	13	0	2	0	0	2	0	8	0
June	5.5	S.	32	N.	0	10	2	2	4	19	17	2	4	0	16	10	4	7	6	0	0	0	0	12	0	7	0
July	4.2	SW.	29	NW.	0	6	4	4	6	16	19	4	1	2	8	9	14	13	10	0	0	0	0	10	0	8	0
August	3.9	SW.	28	N.	0	8	10	7	5	8	13	5	4	2	3	13	15	12	12	0	0	0	0	8	0	8	0
September	5.7	N.	25	NE.	0	13	12	7	5	7	5	5	5	1	7	10	13	13	11	0	0	5	0	2	0	3	0
October	6.1	N.	30	NW.	0	21	6	1	5	4	11	7	7	0	17	7	7	13	10	0	0	1	0	0	0	1	0
November	6.4	SW.	28	NW.	0	5	8	1	2	10	15	5	14	0	11	13	6	7	5	0	0	1	0	0	6	0	0
December	6.5	SW.	24	NW.	0	13	9	3	0	5	14	5	10	3	12	9	10	13	8	2	0	2	2	0	8	0	0
Year	6.0	SW.	32	N.	0	126	82	43	46	129	157	55	84	8	123	113	129	136	109	3	3	14	4	34	37	38	1

RAPID CITY, S. DAK.

[H = 3,280 ft.; h_t = 53 ft.; h_r = 46 ft.; h_a = 61 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.7	W.	42	N.	2	15	4	6	5	2	6	16	6	2	9	11	11	11	4	11	0	0	16	0	25	0	1
February	8.4	W.	44	W.	1	7	5	3	1	7	6	17	10	0	15	9	4	3	2	3	0	0	12	0	27	0	2
March	12.5	N.	51	N.	3	20	3	2	6	7	6	12	6	0	1	20	10	8	5	8	0	0	7	0	25	0	1
April	12.2	N.	48	NW.	3	18	2	2	9	5	0	6	16	2	7	14	9	11	7	2	1	0	0	0	6	3	3
May	10.9	SE.	44	NW.	1	10	6	5	10	10	5	8	8	0	7	18	6	6	5	0	1	0	0	1	0	1	1
June	10.3	S.	46	S.	4	6	1	6	11	11	4	9	11	1	6	18	6	15	11	0	6	0	0	1	0	12	2
July	8.3	W.	36	S.	0	7	1	7	6	13	7	16	5	0	13	13	5	9	7	0	0	0	0	13	0	9	2
August	8.1	W.	36	NW.	0	8	3	6	13	7	5	18	2	0	13	15	3	10	2	0	1	0	0	11	0	10	2
September	9.9	W.	36	W.	0	14	3	2	7	9	3	15	7	0	8	15	7	7	2	0	0	0	0	2	0	1	0
October	11.2	W.	44	NW.	1	10	1	3	3	6	9	19	10	1	16	9	6	6	2	2	0	0	0	0	6	0	0
November	10.0	W.	44	NW.	3	4	0	4	6	4	5	27	10	0	9	16	5	7	4	3	0	0	4	0	21	0	0
December	8.3	W.	56	SW.	1	5	1	2	3	4	13	28	6	0	17	11	3	4	0	4	0	0	6	0	28	0	0
Year	9.8	W.	56	SW.	19	124	30	48	80	85	69	191	97	6	121	169	75	97	51	33	9	0	45	28	138	36	14

RED BLUFF, CAL.

[H = 342 ft.; h_t = 54 ft.; h_r = 44 ft.; h_a = 58 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.0	NW.	40	SE.	1	3	2	1	16	7	1	2	29	1	7	15	9	14	12	1	0	4	0	0	6	0	0
February	8.8	NW.	36	SE.	0	3	0	1	18	7	0	1	26	0	9	11	8	10	9	0	0	0	0	0	5	0	0
March	7.3	NW.	36	NW.	0	0	2	0	18	7	5	6	24	0	10	12	9	13	11	0	0	1	0	0	1	0	0
April	8.9	NW.	36	NW.	0	4	1	0	13	3	1	2	36	0	19	11	0	3	2	0	0	0	0	0	0	0	0
May	8.8	NW.	35	NW.	0	2	0	3	18	4	3	1	31	0	18	7	6	9	8	0	1	0	0	2	0	2	0
June	7.0	SE.	30	NW.	0	8	0	3	22	6	4	5	12	0	22	8	0	7	5	0	0	0	0	6	0	1	0
July	5.1	NW.	24	N.	0	13	4	3	12	12	0	2	15	1	28	3	0	1	0	0	0	0	0	31	0	0	0
August	4.7	S.	23	S.	0	9	1	4	11	22	2	2	11	0	26	5	0	0	0	0	0	0	0	26	0	0	1
September	7.7	N.	36	N.	0	23	2	0	9	10	2	1	13	0	25	3	2	2	2	0	0	0	0	18	0	0	0
October	6.6	NW.	35	SE.	0	10	1	0	8	17	1	5	17	3	19	4	8	7	4	0	0	0	0	3	0	0	0
November	5.6	NW.	28	N.	0	13	0	0	7	2	2	2	32	2	20	7	3	2	2	0	0	0	0	0	0	0	0
December	8.8	NW.	46	SE.	1	13	1	0	15	8	2	3	19	1	5	5	21	22	20	0	0	1	0	0	1	0	0
Year	7.1	NW.	46	SE.	2	101	14	15	167	105	23	32	265	8	208	91	66	90	75	1	1	6	0	86	13	3	1

ROCHESTER, N. Y.

[H = 523 ft.; h_t = 81 ft.; h_r = 78 ft.; h_a = 90 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.5	SW.	38	SW.	0	0	5	3	13	9	23	2	7	0	9	10	12	17	11	10	0	0	9	0	25	0	0
February	9.9	SW.	40	SW.	1	2	5	3	6	3	24	1	12	0	12	8	8	15	12	13	0	0	17	0	25	0	1
March	9.6	SW.	44	SW.	1	0	5	5	6	7	29	5	4	1	7	12	12	14	10	6	0	0	2	0	15	0	1
April	7.3	SW.	32	SW.	0	0	16	3	6	3	20	7	3	2	11	10	9	14	11	5	1	0	1	0	7	1	0
May	7.2	SW.	40	SW.	1	3	7	9	3	3	18	8	10	1	8	8	15	20	15	0	1	2	0	0	0	3	0
June	7.4	SW.	30	NW.	0	0	0	4	2	5	31	10	7	1	11	10	9	15	10	0	0	0	0	6	0	7	0
July	7.3	SW.	28	SW.	0	1	10	4	6	2	26	4	9	0	14	13	4	12	8	0	0	0	0	7	0	6	0
August	6.6	SW.	28	SW.	0	2	10	1	5	4	24	8	6	2	16	6	9	8	5	0	0	0	0	2	0	3	0
September	6.5	SW.	36	SW.	0	1	4	7	9	5	21	3	9	1	13	8	9	11	10	0	0	0	0	3	0	4	1
October	7.5	SW.	30	SW.	0	0	2	9	11	7	25	6	1	1	10	8	13	14	11	2	0	0	0	0	0	2	0
November	9.3	SW.	38	SW.	0	1	5	1	9	8	14	7	14	1	2	7	21	20	14	16	0	0	4	0	19	0	0
December	9.8	SW.	36	SW.	0	6	2	3	6	5	24	7	9	0	5	7	19	13	10	7	0	0	7	0	18	0	0
Year	8.2	SW.	44	SW.	3	16	71	52	82	61	279	68	91	10	118	107	140	173	128	59	2	2	40	18	109	26	3

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ROSEBURG, OREG.

[λ=43° 13′ N.; φ=123° 20′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.52	29.83	28.89	40.5	45.1	48.0	37.8	42.9	60	21	38	40	90	83	.230	.250	9.06	2.05	6.9	8.7	7.8
February	29.54	29.86	29.06	34.8	44.7	46.9	33.1	40.0	63	22	33	35	92	70	.189	.205	6.42	1.48	6.8	7.5	7.1
March	29.45	29.80	29.00	39.6	50.6	53.1	37.9	45.5	71	29	37	36	91	62	.223	.217	8.61	1.54	6.9	7.8	7.4
April	29.55	29.84	29.06	41.9	58.0	60.7	41.0	50.8	82	32	39	39	90	52	.244	.215	1.20	.41	7.9	6.9	7.4
May	29.42	29.78	29.05	44.5	64.8	67.1	44.0	55.6	84	32	42	44	91	50	.277	.305	1.73	.53	5.5	5.9	5.7
June	29.44	29.70	29.15	50.7	65.7	68.0	50.3	59.2	80	42	48	48	91	55	.340	.338	2.85	1.00	8.7	6.5	7.6
July	29.46	29.60	29.25	52.9	80.7	82.0	52.6	67.3	93	46	50	50	89	35	.359	.363	T.	T.	2.5	3.1	2.8
August	29.40	29.57	29.18	55.2	82.6	84.3	54.6	69.4	104	47	52	52	88	36	.388	.389	.00	.00	2.8	1.6	2.2
September	29.43	29.75	28.95	50.6	69.6	71.5	49.5	60.5	92	42	48	47	90	49	.335	.330	1.22	.57	6.0	5.0	5.5
October	29.43	29.71	28.98	46.1	60.1	62.7	44.7	53.7	77	34	45	49	96	70	.306	.356	3.95	.80	4.9	6.0	5.5
November	29.58	29.76	29.15	42.6	53.3	56.2	40.9	48.6	68	26	41	46	94	78	.259	.318	1.99	.69	4.3	4.7	4.5
December	29.39	29.90	28.72	35.1	38.9	41.0	33.3	37.2	56	20	34	36	95	90	.196	.215	7.26	1.34	5.9	8.1	7.0
Year	29.47	29.90	28.72	44.5	59.5	61.8	43.3	52.6	104	20	42	44	91	61	.279	.294	44.29	2.05	5.8	6.0	5.9

SACRAMENTO, CAL.

[λ=38° 35′ N.; φ=121° 30′ W.; gravity corr., −0.02.]

January	30.10	30.34	29.80	38.8	47.9	51.3	37.4	44.4	58	26	37	40	94	76	.227	.253	4.17	2.25	3.3	4.0	6.2
February	30.08	30.34	29.70	41.4	52.1	54.7	39.6	47.2	66	32	38	41	86	66	.229	.257	3.92	2.20	3.1	4.0	4.5
March	30.00	30.23	29.62	45.6	59.2	62.1	44.5	53.3	78	34	40	42	82	56	.254	.232	.74	.32	4.5	4.8	5.1
April	29.96	30.24	29.72	51.1	69.9	72.6	50.0	61.3	86	39	42	43	74	39	.275	.281	.34	.20	2.1	2.6	3.2
May	20.83	30.07	29.61	54.4	71.0	74.2	53.2	63.7	88	40	48	49	80	48	.335	.356	1.70	.72	2.8	4.0	3.9
June	29.87	30.05	29.73	54.6	73.1	76.4	53.3	64.8	96	50	50	52	86	49	.367	.389	.46	.38	2.7	3.2	3.4
July	29.84	29.98	29.71	58.0	87.2	90.5	57.4	74.0	104	51	51	57	78	37	.375	.469	T.	T.	.9	.4	.8
August	29.81	29.99	29.66	59.1	86.2	91.1	58.2	74.6	108	50	53	56	81	37	.400	.459	T.	T.	.7	.7	.9
September	29.82	30.07	29.58	59.2	82.7	86.1	57.5	71.8	98	46	46	48	65	34	.319	.348	.88	.88	.6	.8	.8
October	29.91	30.18	29.62	53.4	71.5	75.2	51.5	63.4	92	43	48	50	84	50	.343	.370	1.06	.40	1.8	2.5	2.7
November	30.04	30.19	29.82	48.7	67.1	70.4	46.0	58.2	78	35	42	44	79	46	.274	.298	.48	.48	1.1	1.9	2.3
December	29.99	30.31	29.52	44.0	48.4	52.3	41.5	46.9	58	30	42	42	91	80	.266	.274	8.86	1.32	5.8	7.3	7.5
Year	29.94	30.34	29.52	50.7	68.0	71.4	49.2	60.3	108	26	45	47	82	52	.305	.336	22.61	2.25	2.4	3.0	3.4

ST. LOUIS, MO.

[λ=38° 38′ N.; φ=90° 12′ W.; gravity corr., −0.02.]

January	29.50	30.06	28.93	30.3	38.3	42.9	28.1	35.5	72	−11	22	28	71	66	.137	.166	2.56	1.63	4.4	2.7	3.2
February	29.53	30.14	28.66	27.2	34.7	39.7	25.0	32.4	62	9	19	24	70	64	.111	.136	2.88	1.39	5.7	5.1	4.4
March	29.43	29.94	29.05	43.8	54.2	60.6	41.8	51.2	84	14	36	39	75	58	.242	.272	2.69	2.16	5.2	3.8	3.6
April	29.39	29.77	29.14	51.8	60.7	66.5	49.2	57.8	88	34	42	44	71	56	.286	.309	2.68	1.42	5.2	4.5	4.6
May	29.36	29.81	28.98	61.3	68.3	74.8	57.1	66.0	92	40	54	56	78	66	.436	.460	3.61	1.29	5.2	4.5	4.4
June	29.41	29.64	29.16	71.9	83.6	89.1	67.7	78.4	99	44	61	61	69	48	.554	.553	1.12	.54	4.7	3.0	2.7
July	29.44	29.60	29.30	73.0	82.7	89.1	69.3	79.2	98	61	60	58	65	46	.533	.502	1.35	.89	3.8	4.7	3.8
August	29.43	29.62	29.25	71.4	81.7	88.3	69.0	78.6	100	60	63	63	76	55	.587	.580	1.66	1.02	3.5	4.4	3.0
September	29.45	29.83	29.17	64.3	72.6	79.4	62.2	70.8	94	48	58	60	80	66	.513	.544	3.11	1.07	4.3	3.2	3.5
October	29.39	29.69	29.03	52.5	62.3	68.6	50.6	59.6	84	38	43	44	72	53	.290	.308	1.56	.62	4.0	3.0	3.5
November	29.54	30.02	29.00	37.1	44.9	51.1	33.9	42.5	73	18	27	29	66	55	.153	.176	1.49	.94	4.3	3.2	3.7
December	29.56	30.02	28.81	35.4	40.0	45.0	32.7	38.8	63	1	28	30	74	66	.167	.176	2.73	.97	5.9	3.4	4.9
Year	29.45	30.14	28.66	51.7	60.3	66.3	48.9	57.6	100	−11	43	45	72	58	.334	.348	27.44	2.16	4.7	3.8	3.8

ST. PAUL, MINN.

[λ=44° 58′ N.; φ=93° 03′ W.; gravity corr., 0.]

January	29.13	29.65	28.50	7.8	13.4	17.8	2.5	10.2	43	−25	4	7	83	75	.066	.075	1.04	.33	6.6	5.7	5.0
February	29.16	29.86	28.46	9.2	18.8	23.1	5.3	14.2	43	−12	5	11	82	68	.060	.078	.10	.08	5.0	3.0	5.4
March	29.01	29.65	28.53	29.7	37.6	42.5	26.6	34.6	76	−2	25	27	81	65	.144	.161	3.28	.93	6.7	5.6	6.2
April	29.03	29.32	*28.34	43.6	52.9	56.5	40.9	48.7	77	26	37	38	78	60	.237	.252	4.30	1.09	6.5	6.8	7.3
May	29.02	29.44	28.39	52.8	63.2	68.5	47.9	58.2	86	38	42	42	67	48	.283	.289	6.63	2.98	4.1	4.6	5.5
June	29.03	29.32	28.65	65.9	78.0	83.1	61.4	72.2	93	41	56	56	72	49	.470	.467	1.51	.53	3.0	3.9	3.4
July	29.09	29.30	28.79	68.3	83.5	88.3	63.3	75.8	100	53	55	50	62	33	.434	.373	.13	.05	3.5	3.5	3.8
August	29.12	29.35	28.82	62.2	77.9	84.0	60.3	72.2	96	48	54	53	76	43	.427	.409	.36	.24	3.2	3.3	3.9
September	29.05	29.50	28.70	54.3	67.5	75.4	52.1	63.8	94	37	47	46	76	48	.342	.329	1.82	.82	2.9	3.1	3.0
October	28.95	29.35	28.38	43.3	51.5	57.7	40.4	49.0	77	32	38	40	82	67	.238	.258	4.49	1.72	4.8	5.1	6.7
November	29.15	29.85	28.36	24.3	29.8	34.9	20.1	27.5	52	−2	19	20	79	66	.109	.116	.61	.18	6.5	5.3	6.9
December	29.13	29.87	28.50	24.0	28.6	33.9	20.2	27.0	51	−14	20	20	83	70	.116	.121	1.53	1.22	5.9	4.2	5.3
Year	29.07	29.87	*28.34	40.4	50.2	55.5	36.8	46.1	100	−25	34	34	77	58	.244	.244	25.80	2.98	4.9	4.5	5.2

* From special observation.

UAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ROSEBURG, OREG.

[H = 523 ft.; h_t = 56 ft.; h_r = 48 ft.; h_a = 67 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	3.6	SW.	24	SW.	0	1	5	4	13	12	12	3	8	4	4	7	20	25	22	3	0	5	0	0	5	0	0
February	3.6	SW.	20	S.	0	3	4	5	6	8	13	7	5	5	5	10	13	16	14	7	0	3	0	0	12	0	1
March	4.4	SW.	24	SW.	0	2	1	12	9	4	13	3	12	6	6	5	20	23	20	2	0	3	0	0	6	0	0
April	3.8	NW.	36	SW.	0	7	3	3	3	1	10	6	18	9	3	9	18	13	7	0	0	0	0	0	2	0	0
May	3.8	N.	24	S.	0	26	3	5	0	2	0	2	7	17	9	10	12	10	7	0	0	2	0	0	0	1	0
June	3.8	NW.	22	SW.	0	6	6	4	0	0	8	5	16	15	3	9	18	11	8	0	0	0	0	0	0	0	0
July	3.6	NW.	20	NW.	0	13	2	1	1	0	0	3	18	24	20	8	3	0	0	0	0	0	0	1	0	0	0
August	2.9	Calm. NW.	15	NW.	0	12	6	0	0	0	0	2	15	27	21	8	2	0	0	0	0	0	0	5	0	0	0
September	3.1	Calm. NW.	24	SW.	0	7	5	8	1	2	5	5	9	18	10	7	13	9	8	0	0	2	0	2	0	0	0
October	2.5	Calm. NW.	24	SW.	0	4	5	6	2	4	8	1	12	20	10	10	11	16	13	0	0	10	0	0	0	0	0
November	1.9	Calm. W.	18	SE.	0	4	2	1	4	6	3	10	9	21	14	7	9	9	6	0	0	14	0	0	4	0	0
December	2.8	Calm. SW.	28	SW.	0	1	3	7	8	5	10	7	4	17	3	12	16	20	19	2	0	10	1	0	11	0	0
Year	3.3	Calm. NW.	36	SW.	0	86	45	56	47	44	82	54	133	183	108	102	155	152	124	14	0	49	1	8	40	1	1

SACRAMENTO, CAL.

[H = 71 ft.; h_t = 106 ft.; h_r = 100 ft.; h_a = 117 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.9	SE.	34	SE.	0	8	1	1	20	10	6	3	11	2	8	11	12	8	8	0	0	11	0	0	4	0	0
February	9.3	SE.	48	NW.	1	6	0	1	17	9	4	2	16	1	13	7	8	9	9	0	0	0	0	0	1	0	2
March	7.8	SW.	36	NW.	0	7	1	0	10	13	17	2	12	0	11	11	9	7	5	0	2	1	0	0	0	0	0
April	9.1	NW.	36	NW.	0	6	0	1	7	10	11	0	22	3	19	7	4	2	2	0	0	0	0	0	0	0	0
May	9.8	SW.	42	SW.	1	5	2	1	14	11	15	0	14	0	15	8	8	7	7	0	0	0	0	0	0	0	0
June	9.9	SW.	28	SW.	0	5	1	0	11	15	26	0	2	0	16	8	6	3	2	0	0	0	0	1	0	1	0
July	8.7	SW.	22	SW.	0	0	0	1	7	21	29	1	2	1	28	2	1	0	0	0	0	0	0	15	0	0	0
August	8.8	S.	24	SW.	0	3	0	0	7	27	25	0	0	0	28	3	0	0	0	0	0	0	0	11	0	0	1
September	9.0	NW.	30	SW.	0	8	2	0	7	14	13	0	14	2	27	1	2	2	2	0	0	0	0	14	0	0	0
October	7.4	SE.	48	S.	1	3	2	2	17	12	13	0	12	1	21	7	3	5	4	0	0	1	0	1	0	0	0
November	5.3	N.	30	NW.	0	20	6	0	10	3	2	0	18	1	23	5	2	1	1	0	0	2	0	0	0	0	0
December	11.0	N.	60	SE.	3	21	7	2	18	8	5	0	1	0	3	9	19	20	18	0	0	4	0	0	1	0	0
Year	8.6	SW.	60	SE.	6	92	22	9	145	153	166	8	124	11	212	79	74	64	58	0	2	19	0	42	6	1	3

ST. LOUIS, MO.

[H = 571 ft.; h_t = 110 ft.; h_r = 100 ft.; h_a = 210 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	11.8	S.	40	SE.	1	8	3	3	11	16	4	6	11	0	20	5	6	6	6	1	0	1	6	0	16	0	0
February	13.0	NW.	58	SW.	1	10	8	1	4	10	6	4	12	1	15	4	9	7	6	4	0	0	10	0	21	0	0
March	13.7	SE.	41	S.	2	1	1	6	17	9	8	8	11	1	18	5	8	7	6	1	0	1	2	0	6	3	0
April	10.9	SE.	49	SW.	2	2	8	9	16	8	4	6	7	0	14	5	11	10	8	0	0	0	0	0	0	5	0
May	10.7	S.	42	SW.	2	9	6	5	7	19	4	4	8	0	14	9	8	11	9	0	1	0	0	2	0	7	0
June	9.9	S.	44	NW.	2	9	3	2	9	18	7	10	2	0	18	11	1	6	4	0	0	0	0	17	0	7	0
July	8.9	S.	40	NW.	1	10	7	3	5	15	11	4	6	1	17	8	6	8	5	0	0	0	0	15	0	7	0
August	8.0	N.	36	SW.	0	11	9	6	4	6	15	3	7	1	20	5	6	6	6	0	0	1	0	14	0	5	0
September	9.8	S.	40	SW.	1	10	4	3	15	17	4	1	6	0	18	5	7	9	7	0	0	0	0	5	0	3	0
October	11.8	SE.	37	SW.	0	3	2	5	13	11	11	7	9	1	16	8	7	10	5	0	0	1	0	0	0	3	0
November	13.3	NW.	46	NW.	1	3	1	4	10	9	8	8	16	1	17	4	9	7	4	0	0	1	1	0	12	0	0
December	12.4	NW.	36	SE.	0	8	4	1	6	13	10	11	9	0	13	7	11	11	10	0	1	0	6	0	11	2	0
Year	11.2	S.	58	SW.	13	84	56	48	117	151	92	72	104	6	200	76	89	98	76	6	2	5	25	53	66	42	0

ST. PAUL, MINN.

[H = 850 ft.; h_t = 114 ft.; h_r = 93 ft.; h_a = 124 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.9	SE.	32	W.	0	1	4	4	16	1	18	7	10	1	8	12	11	10	7	10	0	0	23	0	30	0	0
February	8.1	SE.	30	NW.	0	0	4	1	21	1	12	8	8	1	11	7	10	3	1	3	0	1	18	0	28	0	1
March	10.1	SE.	38	NW.	0	0	5	4	19	3	11	8	12	0	9	7	15	13	11	9	0	0	5	0	21	2	0
April	8.0	SE.	36	SW.	0	2	7	8	19	2	5	3	14	0	6	6	18	15	12	3	1	1	0	0	6	3	0
May	9.0	NW.	35	NW.	0	5	12	5	12	4	5	8	11	0	12	5	14	11	8	0	0	1	0	0	0	9	0
June	7.1	SE.	34	SW.	0	1	3	2	31	5	7	5	6	0	18	9	3	6	8	0	1	0	0	4	0	7	0
July	7.3	SE.	27	W.	0	2	1	5	18	4	11	7	14	0	18	9	4	4	2	0	0	0	0	13	0	3	1
August	5.6	NW.	26	NW.	0	10	5	2	11	6	4	5	17	2	15	11	5	5	2	0	0	0	0	5	0	4	0
September	8.3	SE.	32	SW.	0	2	2	5	26	1	12	9	3	0	15	10	5	4	4	0	0	3	0	2	0	3	0
October	8.5	SE	28	W.	0	1	1	4	18	2	8	16	9	3	9	10	12	15	12	0	0	2	0	0	1	2	0
November	9.3	SE.	40	NW.	1	1	3	2	19	3	3	11	16	2	5	12	13	8	5	6	0	0	10	0	26	0	0
December	8.2	SE.	30	NW.	0	1	1	1	20	0	16	7	16	0	15	1	15	7	5	3	0	0	11	0	25	0	0
Year	8.0	SE.	40	NW.	1	26	48	43	230	32	112	94	136	9	141	99	125	103	77	34	2	8	67	24	137	33	2

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ST. VINCENT, MINN.

[λ = 48° 56′ N.; φ = 97° 14′ W.; gravity corr., +0.01.]

Month.	Pressure.			Temperature.							Moisture.											
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.17	29.78	28.51	−8.8	−3.9	5.7	−15.1	−4.7	46	−38	−12	−6	84	88	.036	.042	.80	.20	3.1	2.3	3.3
February	29.14	29.90	28.54	0.2	8.8	15.9	−6.9	4.5	45	−26	−2	7	89	92	.046	.071	.66	.20	4.8	3.7	5.1
March	29.07	29.79	28.57	16.2	24.0	31.2	12.2	21.7	46	−12	15	22	94	93	.096	.129	1.20	.34	5.4	4.5	5.5
April	29.10	29.51	28.45	36.2	43.3	50.7	32.3	41.5	77	14	34	38	93	84	.204	.245	4.42	1.52	7.7	6.3	7.7
May	29.10	29.61	28.31	47.1	59.2	65.8	39.8	52.8	81	28	39	41	76	54	.246	.267	1.64	1.12	3.9	3.1	4.0
June	28.99	29.45	28.46	61.1	73.4	83.7	52.9	68.3	94	32	54	57	79	59	.432	.474	3.38	1.60	2.7	2.7	3.0
July	29.07	29.36	28.83	60.0	74.9	83.7	53.4	68.6	100	40	56	61	87	64	.453	.547	.49	.16	2.9	3.0	3.3
August	29.15	29.40	28.79	55.1	71.7	81.6	49.5	65.6	92	38	52	59	90	66	.392	.508	2.18	1.74	3.3	3.2	3.9
September	29.00	29.57	28.65	46.6	57.4	70.0	42.6	56.3	100	23	42	45	84	65	.277	.316	1.08	.56	4.5	4.1	5.0
October	28.97	29.46	28.37	33.6	42.6	54.0	30.7	42.4	70	19	32	36	92	80	.180	.217	3.00	1.40	6.2	4.8	6.2
November	29.15	29.84	28.23	16.0	20.1	29.0	10.0	19.5	45	−25	14	18	92	92	.094	.109	.73	.16	6.3	3.9	6.6
December	29.13	30.03	28.51	12.2	16.1	25.5	6.8	16.2	44	−24	11	14	94	92	.077	.094	.71	.36	5.6	4.1	5.8
Year	29.09	30.03	28.23	31.3	40.6	49.7	25.7	37.7	100	−38	28	33	88	77	.211	.252	20.29	1.74	4.7	3.8	5.0

SALT LAKE CITY, UTAH.

[λ = 40° 46′ N.; φ = 111° 54′ W.; gravity corr., − 0.01.]

January	25.68	26.04	25.23	26.6	30.4	35.9	22.0	29.0	50	−1	20	22	75	69	.108	.117	1.31	.33	7.2	5.9	6.3
February	25.70	26.09	25.20	21.9	28.2	33.0	18.1	25.6	43	6	15	16	72	59	.084	.089	.83	.20	5.7	6.2	5.7
March	25.62	26.09	25.08	35.6	44.5	49.3	32.9	41.1	67	20	25	26	66	49	.136	.145	1.73	.74	6.4	7.0	6.0
April	25.67	25.97	25.21	42.4	53.4	58.4	37.8	48.1	77	30	26	28	53	41	.140	.156	1.67	.58	4.5	4.8	5.2
May	25.62	25.83	25.26	53.2	67.6	71.6	50.7	61.2	85	33	32	30	47	30	.185	.179	1.22	.90	4.8	5.1	4.3
June	25.60	25.82	25.24	56.0	71.4	74.9	52.9	63.9	89	40	36	33	50	30	.219	.196	1.38	.86	2.7	4.0	4.2
July	25.72	25.87	25.52	65.5	83.1	87.6	61.5	74.6	96	53	46	41	51	25	.316	.266	.82	.50	2.0	4.4	3.7
August	25.68	25.82	25.48	66.3	83.2	88.0	62.9	75.4	95	56	47	45	52	29	.333	.314	.87	.35	2.9	3.6	3.7
September	25.65	25.92	25.24	53.6	65.6	72.3	49.6	61.0	85	37	38	39	59	42	.238	.251	2.87	1.04	2.7	3.2	3.0
October	25.69	26.03	25.32	46.0	57.0	64.1	42.3	53.2	77	28	31	35	57	45	.176	.208	1.01	.45	3.9	2.9	3.2
November	25.83	26.07	25.47	39.7	47.6	56.5	34.7	45.6	64	19	25	30	55	52	.135	.175	.28	.28	2.3	2.6	3.2
December	25.71	26.08	25.11	27.9	33.3	38.8	23.9	31.4	56	9	20	24	71	70	.112	.131	1.28	.43	5.2	5.6	6.2
Year	25.68	26.09	25.08	44.6	55.4	60.9	40.8	50.8	96	−1	30	31	59	45	.182	.186	15.27	1.04	4.2	4.6	4.6

SAN ANTONIO, TEX.

[λ = 29° 27′ N.; φ = 98° 28′ W., gravity corr., − 0.04.]

January	29.42	29.82	29.02	46.5	59.9	66.4	44.6	55.5	81	16	34	38	63	46	.241	.255	1.42	.67	4.9	3.5	4.5
February	29.45	29.83	28.95	44.3	55.9	62.5	41.3	51.9	83	25	29	33	54	43	.191	.212	.52	.34	5.2	4.5	5.3
March	29.35	29.87	28.90	56.0	69.3	76.3	53.9	65.1	93	32	42	44	61	42	.315	.324	80	38	5.5	4.4	4.9
April	29.27	29.57	29.03	65.3	79.0	85.3	62.9	74.1	99	48	54	55	68	45	.437	.444	2.65	1.14	6.4	4.3	5.4
May	29.27	29.52	29.05	69.5	81.6	88.2	66.0	77.1	95	53	58	59	68	47	.498	.497	1.71	.86	6.0	4.4	5.1
June	29.32	29.44	29.13	73.3	84.9	91.1	70.7	80.9	98	62	63	60	71	44	.585	.523	3.09	1.68	6.2	3.1	4.6
July	29.34	29.46	29.21	75.5	88.7	95.4	72.6	84.0	106	67	62	64	64	45	.564	.595	.60	.41	2.8	3.7	3.2
August	29.33	29.46	29.14	74.2	82.4	89.0	70.9	80.0	96	63	66	65	77	57	.649	.621	8.55	2.55	6.7	5.7	6.5
September	29.31	29.49	29.07	72.2	82.6	88.7	70.0	79.4	95	61	64	63	76	53	.600	.578	1.48	.78	5.7	3.9	4.6
October	29.35	29.60	29.08	64.5	79.0	85.5	61.3	73.4	92	39	54	54	69	42	.441	.427	.89	.70	2.9	1.4	2.1
November	29.51	29.76	29.02	53.5	67.7	74.3	50.1	62.2	88	33	39	40	60	37	.273	.259	T.	T.	2.8	1.0	2.6
December	29.51	30.17	28.82	50.1	61.6	68.0	47.9	58.0	84	20	37	37	61	41	.262	.242	.04	.04	4.7	3.3	4.0
Year	29.37	30.17	28.82	62.1	74.4	80.9	59.4	70.1	106	16	50	51	66	45	.421	.415	21.75	2.55	5.0	3.6	4.4

SAN DIEGO, CAL.

[λ = 32° 43′ N.; φ = 117° 10′ W.; gravity corr., − 0.03.]

January	30.04	30.30	29.84	43.7	52.7	53.4	40.6	49.5	69	32	36	44	76	72	.220	.288	.29	.20	2.7	3.4	3.6
February	30.04	30.22	29.76	44.9	54.8	59.1	41.9	50.5	69	34	38	42	77	66	.235	.277	.49	.15	3.5	4.0	3.9
March	29.96	30.22	29.70	47.5	55.1	60.3	44.9	52.6	72	36	42	46	82	72	.273	.309	1.05	.65	5.5	4.7	3.8
April	29.94	30.10	29.76	51.6	59.0	63.2	49.7	56.4	83	43	46	49	84	70	.320	.344	.11	.06	6.1	4.6	4.0
May	29.87	29.97	29.73	54.7	60.5	64.6	52.7	58.6	72	45	51	52	87	73	.372	.384	.09	.08	8.9	5.2	4.4
June	29.88	29.99	29.69	57.4	63.5	67.1	55.7	61.4	73	50	52	53	83	70	.392	.409	.01	.01	8.5	3.6	2.6
July	29.87	29.99	29.79	60.9	67.1	70.3	59.2	64.8	77	57	58	58	90	74	.480	.491	.00	.00	9.1	2.5	2.7
August	29.86	29.99	29.75	63.5	68.1	72.5	61.6	67.0	90	55	60	60	88	76	.515	.517	.04	.04	8.5	3.6	3.2
September	29.82	29.94	29.70	61.8	68.0	72.3	59.5	65.9	90	52	57	59	86	74	.475	.504	.01	.01	5.6	3.2	4.6
October	29.86	30.00	29.71	57.6	64.5	70.3	55.2	62.8	87	45	50	54	80	72	.375	.423	T.	T.	4.5	3.4	3.1
November	29.96	30.05	29.87	52.0	58.1	64.7	49.5	57.1	78	45	49	53	92	85	.354	.402	.00	.00	2.9	4.5	4.1
December	29.98	30.20	29.72	50.8	56.7	61.5	48.1	54.8	70	41	44	49	80	76	.295	.352	2.26	.59	3.6	6.4	5.8
Year	29.92	30.30	29.69	53.9	60.7	65.4	51.6	58.4	90	32	49	52	84	73	.359	.392	4.35	.65	5.8	4.0	3.8

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

ST. VINCENT, MINN.

[H = 804 ft.; h_t = 16 ft.; h_r = 4 ft.; h_a = 31 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurorae.
	Miles.		*Mi.*																								
January	9.4	N.	36	NW.	0	21	0	4	5	14	2	10	6	0	18	5	8	9	8	7	0	0	27	0	31	0	2
February	11.0	NW.	36	NW.	0	11	0	2	6	11	6	9	11	0	11	7	10	6	5	6	0	0	23	0	28	0	4
March	11.3	N.	50	N.	2	20	2	5	7	7	0	11	9	1	13	6	12	9	9	8	0	0	13	0	31	0	1
April	10.2	N.	35	N.	0	21	2	10	14	4	0	1	7	1	3	11	16	15	13	5	0	0	1	0	16	1	4
May	10.2	E.	40	NW.	1	7	9	17	6	1	5	3	14	0	17	7	7	4	3	0	0	0	0	0	1	1	8
June	9.3	SE.	34	W.	0	6	4	3	16	13	5	3	10	0	20	5	5	7	7	0	0	0	0	7	1	8	3
July	7.3	S.	34	W.	0	7	1	5	7	17	2	5	16	2	17	10	4	5	4	0	0	0	0	6	0	6	0
August	6.5	N.	44	NW.	1	16	3	2	14	6	4	1	15	1	12	16	3	7	7	0	1	0	0	3	0	6	2
September	9.6	NW.	34	SE.	0	8	3	3	11	5	3	8	18	1	11	11	8	8	6	0	0	0	0	1	4	4	5
October	10.4	NW.	36	S.	0	8	4	8	10	7	2	3	20	0	9	6	16	11	8	1	0	0	0	0	16	1	7
November	10.6	N.	42	N.	1	15	1	2	10	14	4	4	10	0	6	7	17	12	7	8	0	0	16	0	29	0	4
December	8.4	NW.	36	N.	0	8	1	5	9	14	4	1	19	1	9	8	14	7	7	6	0	0	19	0	31	0	0
Year	9.5	NW.	50	N.	5	148	30	66	115	113	37	59	155	7	146	99	120	100	84	41	1	0	99	17	188	27	40

SALT LAKE CITY, UTAH.

[H = 4,345 ft.; h_t = 83 ft.; h_r = 75 ft.; h_a = 90 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Aurorae.
January	5.6	SE.	36	S.	0	2	2	4	22	13	2	4	10	3	7	13	11	17	11	17	0	0	10	0	26	0	0
February	6.4	SE.	36	S.	0	1	0	5	14	13	6	4	10	3	9	7	12	8	7	8	0	0	10	0	27	0	1
March	7.1	NW.	46	W.	1	3	1	5	14	6	4	6	18	5	6	14	11	11	9	7	0	0	1	0	15	1	1
April	6.9	NW.	37	NW.	0	2	4	3	6	10	1	8	21	5	11	12	7	9	8	4	0	0	0	0	6	1	0
May	7.2	SE.	30	W.	0	4	0	6	20	3	6	7	15	1	12	16	3	5	4	0	0	0	0	0	0	1	1
June	6.7	SE.	30	NW.	0	7	4	4	12	16	0	4	11	2	11	16	3	6	4	0	1	0	0	0	0	2	0
July	5.6	SE.	38	W.	0	5	4	8	19	4	3	3	15	1	15	14	2	4	3	0	0	0	0	12	0	2	0
August	5.9	SE.	30	W.	0	2	1	12	17	11	4	2	13	0	14	13	4	6	5	0	1	0	0	12	0	3	1
September	6.1	SE.	38	SW.	0	4	2	7	19	5	1	3	18	1	19	6	5	9	9	0	0	0	0	0	0	2	0
October	5.9	SE.	30	SE.	0	4	1	7	17	4	1	7	19	2	19	5	7	6	3	0	0	0	0	0	3	1	0
November	4.4	SE.	24	NW.	0	4	4	1	26	0	3	8	14	0	17	9	4	1	1	0	0	0	0	0	6	0	0
December	5.6	SE.	46	S.	1	2	3	6	21	9	7	6	6	2	9	8	14	9	8	7	0	0	9	0	25	0	0
Year	6.1	SE.	46	SW.	2	40	26	68	207	44	38	62	170	25	149	133	83	91	72	43	2	0	30	24	108	13	4

SAN ANTONIO, TEX.

[H = 679 ft.; h_t = 66 ft.; h_r = 60 ft.; h_a = 75 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Aurorae.
January	6.5	E.	34	N.	0	8	8	14	9	4	7	4	1	7	13	10	8	9	7	0	0	3	0	0	4	0	0
February	9.0	SE.	45	W.	1	10	11	7	11	3	0	1	9	4	7	11	10	6	2	0	0	3	0	0	7	0	0
March	9.5	SE.	34	N.	0	8	10	9	17	5	5	1	3	4	11	9	11	4	4	0	0	1	0	2	0	1	0
April	8.3	SE.	36	SE.	0	4	6	11	27	3	1	0	1	7	7	15	8	9	7	0	0	1	0	4	0	2	0
May	8.2	SE.	36	N.	0	6	6	7	25	11	3	0	0	4	8	14	9	6	5	0	0	1	0	13	0	1	0
June	8.1	SE.	42	N.	1	3	4	12	32	6	1	0	0	2	8	19	3	7	6	0	0	0	0	21	0	0	0
July	5.8	SE.	28	SE.	0	1	4	9	29	6	0	1	1	11	19	10	2	3	2	0	0	0	0	30	0	2	0
August	5.1	SE.	22	SE.	0	5	4	9	26	4	5	1	0	8	6	10	15	11	10	0	0	1	0	16	0	2	0
September	5.6	SE.	28	SE.	0	6	9	13	16	5	6	0	0	5	11	15	4	6	6	0	0	0	0	13	0	0	0
October	5.9	SE.	26	N.	0	4	13	9	20	5	2	4	2	3	23	7	1	3	3	0	0	0	0	4	0	0	0
November	5.7	E.	27	N.	0	10	12	15	15	2	2	0	1	3	17	11	2	0	0	0	0	4	0	0	0	0	0
December	6.0	SE.	31	NW.	0	9	11	10	15	3	1	3	6	4	12	16	3	1	1	0	0	2	0	0	3	0	0
Year	7.0	SE.	45	W.	2	74	98	125	242	57	33	15	24	62	142	147	76	65	53	0	0	16	0	103	14	8	0

SAN DIEGO, CAL.

[H = 93 ft.; h_t = 73 ft.; h_r = 66 ft.; h_a = 85 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Aurorae.
January	5.0	NW.	26	W.	0	7	15	1	1	0	4	13	17	4	14	15	2	4	2	0	0	5	0	0	0	0	0
February	5.2	W.	35	W.	0	6	13	4	0	0	8	14	9	2	15	10	3	5	5	0	0	0	0	0	0	0	0
March	5.8	W.	27	NW.	0	6	8	1	1	2	12	18	10	4	15	8	8	5	4	0	2	3	0	0	0	0	0
April	5.4	SW.	19	W.	0	10	3	1	0	3	12	15	8	8	17	8	5	2	2	0	0	1	0	0	0	0	0
May	5.7	W.	18	NW.	0	6	5	0	2	1	16	20	5	7	14	10	7	2	1	0	0	0	0	0	0	0	0
June	5.6	W.	16	SW.	0	4	2	0	2	1	13	23	5	10	23	5	2	1	0	0	0	0	0	0	0	0	0
July	5.2	W.	17	W.	0	11	2	0	0	0	10	22	10	7	24	4	3	0	0	0	0	1	0	0	0	0	0
August	4.8	W.	23	S.	0	6	2	0	0	1	17	22	6	8	23	5	3	1	1	0	0	0	0	0	0	1	0
September	5.1	NW.	18	NW.	0	5	0	0	1	3	7	17	20	7	21	0	9	1	0	0	0	5	0	1	0	0	0
October	4.3	W.	18	NW.	0	6	9	2	0	1	6	11	14	6	18	6	3	0	0	0	0	0	0	0	0	0	0
November	3.9	NW.	18	NW.	0	10	3	2	2	1	5	3	20	14	17	7	6	0	0	0	0	9	0	0	0	0	0
December	4.3	NE.	27	S.	0	4	15	5	4	4	3	8	9	10	10	4	17	14	12	0	0	2	0	0	0	0	0
Year	5.0	W.	35	W.	0	81	77	16	13	17	113	186	133	87	211	82	68	35	27	0	2	26	0	1	0	1	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

SANDUSKY, OHIO.

[λ = 41° 25′ N.; φ = 82° 40′ W.; gravity corr., — 0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.42	29.94	28.94	30.7	33.4	39.5	25.8	32.6	57	— 1	24	26	78	73	.139	.146	1.95	.88	7.2	4.1	7.5
February	29.43	30.15	28.67	23.5	28.5	33.2	20.1	26.6	61	1	18	22	78	75	.104	.122	2.33	.76	5.9	6.2	7.9
March	29.37	29.71	28.98	39.1	44.3	51.1	35.2	43.2	76	14	30	34	70	67	.177	.209	1.64	.44	6.3	4.0	6.4
April	29.37	29.70	28.84	45.6	49.1	55.3	41.1	48.2	81	27	38	38	74	67	.237	.245	1.67	.41	6.2	5.7	6.6
May	29.28	29.73	28.90	56.6	58.9	66.3	50.3	58.3	85	40	48	49	74	71	.344	.354	3.64	.78	6.1	6.4	6.4
June	29.34	29.59	29.00	67.9	72.3	80.8	61.4	71.1	92	40	57	59	70	64	.494	.513	3.22	1.52	3.1	3.7	3.1
July	29.36	29.54	29.17	71.5	76.6	83.6	66.8	75.2	94	55	58	59	64	56	.495	.511	2.84	2.71	3.3	4.2	4.3
August	29.37	29.60	29.16	67.0	71.8	78.5	63.1	70.8	93	54	56	58	68	63	.463	.493	.23	.15	4.6	5.2	6.4
September	29.41	29.79	29.12	63.6	67.8	75.4	59.9	67.6	91	41	55	56	75	68	.459	.478	3.49	1.60	5.3	3.3	5.2
October	29.30	29.64	28.96	50.0	54.6	61.5	46.6	54.0	81	32	43	45	77	70	.285	.309	3.48	1.78	6.5	5.5	6.0
November	29.40	30.03	28.96	34.7	38.7	43.3	31.2	37.2	68	19	28	30	77	71	.156	.170	1.40	.34	7.2	5.6	8.1
December	29.43	29.82	28.96	32.5	35.0	39.5	29.3	34.4	60	0	26	28	77	76	.149	.162	2.20	1.01	8.0	5.4	8.4
Year	29.37	30.15	28.67	48.6	52.6	59.0	44.2	51.6	94	— 1	40	42	74	68	.292	.309	28.09	2.71	5.8	4.9	6.4

SAN FRANCISCO, CAL.

[λ = 37° 48′ N.; φ = 122° 26′ W.; gravity corr., — 0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	30.02	30.24	29.75	45.4	49.9	52.6	42.8	47.7	58	36	42	42	88	76	.270	.278	5.99	2.61	4.5	5.0	5.6
February	30.02	30.26	29.67	45.5	51.1	53.4	43.5	48.4	62	38	41	42	85	72	.260	.270	2.69	1.05	4.1	4.7	4.9
March	29.96	30.18	29.61	46.7	52.3	56.4	44.8	50.6	66	37	41	41	83	68	.265	.265	.60	.34	4.1	5.1	4.7
April	29.93	30.20	29.75	49.5	56.6	62.6	47.7	55.2	82	42	44	44	82	65	.286	.293	.50	.30	3.0	2.4	2.8
May	29.80	30.05	29.66	51.0	56.7	61.1	49.6	55.4	72	44	47	47	87	71	.329	.325	1.31	.68	5.7	5.0	5.1
June	29.85	30.02	29.74	51.6	57.1	61.3	50.5	55.9	69	47	48	49	90	76	.342	.352	.56	.22	5.1	3.6	4.4
July	29.84	29.97	29.72	51.7	57.1	62.4	50.5	56.4	76	48	50	51	95	81	.363	.373	T.	T.	4.9	2.2	3.5
August	29.81	29.96	29.70	54.8	59.9	65.2	53.2	59.2	91	49	52	53	93	81	.393	.402	.00	.00	3.8	3.2	4.4
September	29.78	29.99	29.47	57.4	63.8	71.3	55.5	63.4	94	49	52	51	84	67	.393	.373	1.05	1.04	2.1	1.4	2.1
October	29.86	30.12	29.56	54.9	60.7	65.5	53.6	59.6	89	49	52	52	90	75	.387	.388	1.73	.64	2.4	2.6	3.6
November	29.96	30.08	29.78	53.0	62.4	67.2	51.6	59.4	79	46	50	48	91	62	.366	.335	.88	.88	1.3	2.0	2.8
December	29.89	30.22	29.48	47.9	51.0	53.4	46.0	49.7	61	40	44	44	86	77	.289	.287	9.01	1.64	7.2	7.0	7.4
Year	29.89	30.26	29.47	50.8	56.6	61.0	49.1	55.1	94	36	47	47	88	73	.329	.328	24.32	2.61	4.0	3.7	4.3

SAN LUIS OBISPO, CAL.

[λ = 35° 18′ N.; φ = 120° 39′ W.; gravity corr., — 0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
June	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
July	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August (a)	29.72	29.87	29.61	53.8	68.1	79.3	51.5	65.4	98	40	50	52	87	58	.305	.386	T.	T.	3.7	1.9	2.7
September	29.69	29.85	29.49	54.9	68.0	77.4	52.9	65.2	94	46	48	50	80	57	.336	.370	1.91	1.79	2.8	.9	3.0
October	29.74	29.94	29.53	56.0	64.1	72.6	52.8	62.7	95	44	47	50	76	64	.331	.362	1.41	.60	2.6	2.5	3.9
November	29.83	29.97	29.70	50.8	61.8	74.0	45.8	59.9	90	35	42	48	77	62	.275	.334	.31	.31	1.1	2.9	2.8
December	29.83	30.10	29.47	47.5	53.9	59.1	44.3	51.7	66	34	42	44	84	71	.275	.295	8.96	2.86	4.8	7.0	6.5
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Office opened August 1, 1894.

SANTA FE, N. MEX.

[λ = 35° 41′ N.; φ = 105° 57′ W.; gravity corr., — 0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	Dew point 8 a. m.	Dew point 8 p. m.	Relative humidity 8 a. m.	Relative humidity 8 p. m.	Vapor pressure 8 a. m.	Vapor pressure 8 p. m.	Precipitation Total.	Precipitation Maximum in 24 hours.	Cloudiness 8 a. m.	Cloudiness 8 p. m.	Cloudiness Daylight.
January	23.19	23.44	22.85	22.1	30.8	37.0	18.7	27.8	51	3	8	6	53	32	.062	.054	.23	.10	2.7	2.4	2.9
February	23.18	23.41	22.88	19.9	30.1	35.3	17.2	26.2	48	0	10	13	66	49	.068	.076	1.11	.30	3.7	5.2	4.7
March	23.18	23.46	22.84	31.1	45.8	50.0	28.6	39.3	66	15	15	13	51	29	.085	.089	.41	.24	3.0	4.1	3.7
April	23.21	23.44	22.93	39.5	56.6	60.5	37.5	49.0	71	25	12	9	38	21	.087	.085	1.48	1.18	2.7	3.8	3.5
May	23.27	23.50	23.01	50.7	65.9	70.4	47.3	58.8	80	37	21	8	35	18	.125	.097	1.99	.75	3.5	5.2	3.7
June	23.30	23.47	23.14	56.0	71.9	75.6	52.4	64.0	86	43	24	5	35	16	.153	.102	.77	.63	1.5	2.5	1.9
July	23.44	23.57	23.30	60.6	73.0	80.5	57.2	68.8	84	49	38	34	46	30	.239	.215	2.17	1.41	1.7	6.9	4.5
August	23.43	23.52	23.30	56.6	67.5	74.3	54.7	64.5	83	49	46	45	70	47	.321	.305	1.95	.63	4.2	7.2	5.8
September	23.34	23.53	23.06	49.2	64.7	69.9	48.2	59.0	80	36	31	26	54	29	.191	.168	.87	.34	2.3	1.8	2.3
October	23.32	23.54	23.11	42.6	56.1	62.9	40.9	51.9	73	21	25	25	52	32	.142	.139	1.05	.52	2.3	1.4	2.0
November	23.39	23.57	23.06	34.6	45.4	55.0	31.7	43.4	62	18	11	14	37	27	.072	.084	T.	T.	1.4	1.0	1.8
December	23.30	23.56	22.81	28.3	33.7	41.5	25.9	33.7	55	7	16	16	61	47	.098	.094	1.28	.52	4.9	3.9	4.9
Year	23.30	23.57	22.81	40.9	53.5	59.4	38.4	48.9	86	0	21	18	50	31	.137	.126	13.31	1.41	2.8	3.8	3.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

SANDUSKY, OHIO.

[H = 629 ft.; h_t = 62 ft.; h_r = 55 ft.; h_a = 74 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	8.6	SW.	36	NW.	0	4	0	6	6	3	25	10	8	0	2	12	17	8	7	2	0	2	7	0	23	0	0
February	10.8	SW.	40	E.	1	4	4	6	3	6	16	10	7	0	0	11	17	12	8	9	0	1	14	0	23	1	1
March	10.6	S.	36	NW.	0	4	3	7	3	16	12	10	6	1	4	15	12	10	7	5	0	0	3	0	11	1	1
April	8.2	E.	32	W.	0	2	9	15	4	9	5	2	12	2	3	14	13	11	9	1	0	0	0	0	4	3	0
May	9.5	SW.	40	SW.	1	2	6	9	7	6	14	8	10	0	4	16	11	18	15	0	0	1	0	0	0	5	0
June	6.7	W.	42	N.	1	4	4	11	6	4	12	14	5	0	17	12	1	9	7	0	0	0	0	4	0	8	0
July	7.4	SW.	28	N.	0	1	9	7	10	1	16	11	7	0	11	17	3	6	2	0	0	0	0	6	0	4	0
August	6.4	E.	25	NW.	0	2	7	16	7	9	11	6	4	0	3	17	11	3	2	0	0	2	0	3	0	1	0
September	7.4	SW.	32	NW.	0	2	5	10	9	10	15	3	6	0	6	21	3	12	8	0	0	0	0	1	0	7	0
October	6.5	SW.	30	NW.	0	0	6	3	7	13	13	13	6	1	5	15	11	11	7	0	0	0	0	0	1	2	0
November	11.3	SW.	40	NW.	1	5	3	2	2	10	15	8	15	0	0	12	18	11	11	8	0	2	3	0	17	0	0
December	10.1	SW.	33	NW.	0	3	4	4	4	10	17	14	6	0	3	5	23	9	8	2	0	1	6	0	16	0	0
Year	8.6	SW.	42	N.	4	33	60	96	68	97	171	109	92	4	58	167	140	120	91	27	0	9	33	14	95	32	2

SAN FRANCISCO, CAL.

[H = 153 ft.; h_t = 161 ft.; h_r = 154 ft.; h_a = 167 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.0	NW.	36	SE.	0	1	1	3	13	2	17	12	12	1	9	12	10	14	11	0	1	5	0	0	0	0	0
February	9.9	SW.	40	S.	1	1	4	4	8	5	19	6	9	0	13	4	11	12	10	0	0	0	0	0	0	0	0
March	11.0	SW.	36	SW.	0	1	1	3	4	2	37	8	5	1	12	11	8	6	4	0	0	0	0	0	0	0	0
April	11.9	SW.	37	W.	0	0	0	0	2	5	43	3	4	3	20	7	3	4	2	0	1	0	0	0	0	0	0
May	12.7	SW.	36	SW.	0	0	0	1	4	8	45	1	2	1	11	8	12	6	5	0	0	0	0	0	0	0	0
June	14.2	SW.	36	SW.	0	0	0	0	2	16	38	3	1	0	13	7	10	5	3	0	0	0	0	0	0	1	0
July	15.1	SW.	40	SW.	2	0	0	0	0	5	56	1	0	0	18	11	2	0	0	0	0	1	0	0	0	0	0
August	13.9	SW.	38	SW.	0	0	0	0	2	11	48	0	0	1	14	11	6	0	0	0	0	3	0	1	0	0	0
September	11.9	SW.	38	SW.	0	0	0	0	3	4	46	1	2	4	22	7	1	2	2	0	0	1	0	2	0	0	0
October	9.0	SW.	32	SW.	0	0	0	0	6	8	43	1	3	1	17	9	5	5	4	0	0	4	0	0	0	0	0
November	5.3	NW.	27	SE.	0	0	0	3	4	3	22	11	16	1	21	8	1	1	1	0	0	5	0	0	0	0	0
December	9.0	SE.	40	S.	1	3	12	7	12	4	12	2	10	0	3	9	19	22	18	0	2	1	0	0	0	3	0
Year	11.0	SW.	40	SW.	4	6	18	21	60	73	426	49	64	13	173	104	88	77	60	0	4	20	0	3	0	4	0

SAN LUIS OBISPO, CAL.

[H = 234 ft.; h_t = 50 ft.; h_r = 42 ft.; h_a = 54 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August (b)	5.0	SW.	20	SW.	0	2	1	1	2	12	17	16	11	0	24	6	1	0	0	0	0	10	0	3	0	0	0
September	5.4	W.	26	W.	0	5	1	1	5	9	7	20	12	0	19	9	2	2	2	0	0	7	0	2	0	0	0
October	6.6	NW.	27	NE.	0	8	11	3	3	12	2	6	15	2	18	4	9	6	5	0	0	5	0	2	0	0	0
November	4.6	NE.	24	W.	0	7	16	3	6	8	5	1	11	3	20	8	2	1	1	0	0	5	0	0	0	0	0
December	6.0	S.	30	SE.	0	6	8	3	10	13	2	7	10	3	7	10	14	16	12	0	0	0	0	0	0	0	0
Year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

b Office opened August 1, 1894.

SANTA FE, N. MEX.

[H = 6,998 (*c*) ft.; h_t = 47 ft.; h_r = 39 ft.; h_a = 50 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.0	NE.	32	NW.	0	5	22	1	8	6	8	1	10	1	21	7	3	3	3	3	0	0	6	0	31	0	0
February	6.2	NE.	36	NW.	0	6	14	0	4	8	10	3	8	3	12	9	7	8	8	8	0	0	9	0	28	1	0
March	8.0	SW.	42	SW.	1	5	13	3	5	6	19	3	8	0	19	8	4	5	3	2	0	0	1	0	18	0	0
April	8.0	NW.	38	SW.	0	7	10	4	10	3	8	4	12	2	16	11	3	5	4	4	0	1	0	0	6	1	0
May	8.2	SW.	36	SW.	0	3	8	3	17	5	17	4	4	1	16	11	4	5	5	0	0	0	0	0	0	5	0
June	9.0	SW.	38	SW.	0	0	3	4	21	2	21	3	4	2	27	3	0	5	4	0	1	0	0	0	0	3	0
July	6.7	SE.	42	SW.	1	2	9	13	18	6	7	3	1	3	11	19	1	12	9	0	1	0	0	0	0	18	0
August	5.4	NE.	28	E.	0	3	17	11	14	6	8	0	2	1	7	18	6	16	12	0	0	0	0	0	0	16	0
September	6.5	SW.	36	SE.	0	3	12	4	16	1	10	4	8	2	21	7	2	4	3	0	0	0	0	0	0	1	0
October	6.5	SE.	36	SE.	0	2	11	3	14	3	12	3	11	3	24	6	1	6	4	0	0	0	0	0	4	2	0
November	5.8	SE.	25	N.	0	1	18	3	23	5	4	0	5	1	25	5	0	0	0	0	0	0	0	0	14	0	0
December	5.7	NE.	26	NE.	0	6	22	4	8	6	8	4	4	0	14	10	7	10	7	7	0	0	6	0	22	0	0
Year	6.9	SW.	42	SW.	2	43	159	53	158	57	132	32	77	19	213	114	38	79	62	24	2	1	22	0	123	47	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

c Redetermined May, 1895.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

SAULT STE. MARIE, MICH.

[λ = 46° 28′ N.; φ = 84° 22′ W.; gravity corr., 0.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.29	29.91	28.66	12.7	17.7	22.8	7.5	15.2	40	—14	12	16	96	93	.082	.094	3.82	1.13	7.7	7.3	8.8
February	29.31	30.13	28.57	7.4	14.9	21.5	2.2	11.8	41	—26	6	12	91	88	.065	.084	.80	.36	5.4	5.6	7.0
March	29.23	29.64	28.56	25.5	29.8	35.1	21.3	28.2	57	— 2	24	25	92	83	.134	.139	3.97	1.01	7.1	7.1	8.1
April	29.33	29.76	28.61	37.0	42.7	51.0	32.2	41.6	71	12	31	31	78	65	.177	.180	1.10	.56	5.9	5.4	6.8
May	29.24	29.73	28.63	45.1	48.6	56.2	39.2	47.7	75	30	39	37	80	67	.242	.229	3.38	.56	7.0	6.8	7.8
June	29.24	29.50	28.85	57.7	63.4	74.0	49.4	61.7	90	34	51	52	80	69	.396	.426	2.53	.92	4.7	5.4	6.3
July	29.27	29.50	29.01	61.4	66.6	75.7	53.3	64.5	94	41	56	57	82	72	.447	.480	1.95	.51	4.6	4.5	5.7
August	29.32	29.62	28.97	56.1	60.1	69.3	50.2	59.8	82	42	52	53	88	78	.398	.403	4.72	1.58	4.8	6.1	6.7
September	29.29	29.76	28.76	52.9	56.6	66.6	47.9	57.2	86	30	50	52	90	84	.369	.396	3.34	.68	5.1	4.0	6.2
October	29.18	29.65	28.72	43.6	46.1	50.5	40.4	45.4	64	29	41	41	91	84	.260	.265	4.74	1.22	8.5	6.1	8.6
November	29.27	29.99	28.57	26.4	28.9	33.0	22.0	27.5	48	— 7	23	26	88	89	.132	.145	5.11	.80	8.1	8.4	8.9
December	29.27	29.79	28.68	23.5	26.1	30.3	19.9	25.1	47	—19	20	24	89	90	.130	.137	3.07	.66	7.4	6.9	8.0
Year	29.27	30.13	28.56	37.4	41.8	48.8	32.1	40.5	94	—26	34	36	87	80	.236	.248	38.53	1.58	6.4	6.1	7.4

SAVANNAH, GA.

[λ = 32° 5′ N.; φ = 81° 5′ W.; gravity corr., — 0.03.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.11	30.38	29.75	48.5	53.9	62.4	45.7	54.0	78	32	44	46	86	78	.308	.330	.86	.25	6.2	4.9	5.5
February	30.08	30.46	29.62	49.2	54.1	62.4	45.9	54.2	78	29	45	47	85	78	.322	.345	3.65	.93	7.1	5.3	6.2
March	30.08	30.46	29.73	57.2	61.2	72.9	54.2	63.6	88	31	52	54	84	77	.418	.435	2.81	1.13	5.4	2.6	4.0
April	30.00	30.22	29.60	62.4	64.9	75.8	56.8	66.3	87	44	54	55	74	71	.433	.443	.64	.54	4.0	2.5	4.3
May	29.91	30.23	29.52	70.8	70.6	82.7	63.6	73.2	93	44	63	64	76	79	.587	.606	5.93	1.29	4.0	4.6	4.0
June	30.00	30.21	29.78	74.8	75.6	86.8	68.1	77.4	96	59	67	68	77	77	.670	.689	2.97	.95	4.2	5.8	4.4
July	29.99	30.17	29.76	77.4	76.5	87.2	71.1	79.2	94	66	72	72	84	85	.793	.780	13.18	4.21	6.7	7.6	6.2
August	29.95	30.04	29.82	77.9	78.5	90.1	72.3	81.2	99	67	72	74	83	86	.790	.831	7.28	2.26	6.2	6.7	4.8
September	29.94	30.25	29.24	74.4	76.4	84.7	69.8	77.2	96	59	70	70	86	81	.739	.735	7.88	3.71	5.4	4.3	5.3
October	29.93	30.18	29.14	63.6	67.4	77.3	59.4	68.4	89	47	58	59	82	77	.496	.523	3.17	2.37	2.8	2.3	3.2
November	30.12	30.49	29.83	51.7	57.5	66.4	48.8	57.6	78	31	46	48	80	74	.333	.372	3.78	2.39	3.4	2.3	3.1
December	30.10	30.53	29.65	46.9	53.7	62.6	44.5	53.6	78	12	42	46	83	74	.299	.339	.65	.46	4.1	3.0	3.7
Year	30.02	30.53	29.14	62.9	65.9	75.9	58.4	67.2	99	12	57	59	82	78	.516	.536	52.80	4.21	5.0	4.3	4.6

SEATTLE, WASH.

[λ = 47° 38′ N.; φ = 122° 20′ W.; gravity corr., + 0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.82	30.28	29.11	38.1	39.9	42.7	34.8	38.8	55	22	34	35	85	82	.200	.207	6.01	2.19	5.9	8.2	7.7
February	29.88	30.46	29.39	35.7	40.4	42.9	33.7	38.3	53	21	32	34	88	80	.185	.203	4.21	.63	7.3	7.7	7.6
March	29.81	30.31	29.31	38.8	45.8	49.1	36.2	42.6	64	31	36	36	88	70	.210	.212	6.25	1.47	6.5	7.2	6.5
April	29.95	30.26	29.34	42.8	52.6	54.9	41.0	48.0	75	34	38	40	85	63	.236	.245	4.21	1.74	7.6	6.7	6.8
May	29.88	30.30	29.50	47.3	58.6	60.7	46.1	53.4	84	37	43	45	87	64	.286	.314	1.99	.69	7.5	6.3	5.7
June	29.85	30.08	29.44	52.0	64.0	66.5	50.9	58.7	82	44	48	50	85	63	.329	.366	2.47	1.18	7.0	6.6	6.0
July	29.94	30.09	29.73	55.3	72.0	74.5	54.1	64.3	88	50	51	54	86	55	.375	.421	.14	.09	3.9	2.3	3.4
August	29.88	30.06	29.59	57.5	73.6	75.7	56.1	65.9	86	50	53	56	85	54	.405	.445	.04	.04	2.8	2.0	3.4
September	29.83	30.15	29.38	53.2	61.5	64.0	51.2	57.6	79	46	49	51	87	68	.354	.372	2.50	.77	5.4	6.6	5.6
October	29.84	30.14	29.37	47.9	53.4	56.1	45.2	50.6	70	36	43	45	84	74	.287	.302	3.70	1.18	6.5	7.5	6.3
November	30.00	30.32	29.54	45.7	48.4	51.4	43.5	47.4	58	30	42	43	87	84	.272	.286	5.81	2.09	7.4	8.1	8.5
December	29.82	30.45	28.78	36.7	41.0	44.3	34.4	39.4	50	28	31	34	82	75	.177	.193	3.75	1.02	6.2	7.5	6.2
Year	29.88	30.46	28.78	45.9	54.3	56.9	43.9	50.4	88	21	42	44	86	69	.276	.297	41.08	2.19	6.2	6.4	6.1

SHREVEPORT, LA.

[λ = 32° 30′ N.; φ = 93° 40′ W.; gravity corr., — 0.03.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.85	30.24	29.41	44.0	55.2	60.2	41.5	50.8	76	13	40	44	84	69	.275	.325	4.16	1.40	4.9	3.5	4.8
February	29.87	30.23	29.22	41.7	50.7	55.6	39.2	47.4	78	23	36	38	86	63	.236	.246	3.53	.84	6.2	5.6	6.1
March	29.80	30.35	29.30	53.7	63.5	69.1	50.5	59.8	82	30	48	48	80	61	.361	.373	8.04	3.26	5.7	4.4	4.9
April	29.74	30.12	29.47	62.7	71.5	78.0	58.8	68.4	88	48	55	56	78	61	.462	.477	4.03	1.51	5.6	4.0	5.1
May	29.71	29.99	29.49	68.5	77.4	83.1	64.7	73.9	92	51	62	62	81	60	.576	.561	1.84	1.09	4.7	3.1	4.2
June	29.78	29.91	29.60	72.0	81.3	88.2	67.5	77.8	98	56	66	65	81	60	.647	.633	2.25	1.02	4.5	3.5	4.1
July	29.77	29.88	29.64	73.7	83.3	90.2	69.6	79.9	101	63	68	67	84	60	.697	.671	3.09	1.10	3.4	4.6	4.4
August	29.75	29.86	29.62	73.3	80.5	87.6	69.9	78.8	94	61	70	71	90	74	.739	.759	5.87	1.42	4.8	6.1	6.2
September	29.75	29.97	29.53	69.7	78.4	86.0	66.5	76.3	95	54	66	66	88	68	.657	.663	.69	.46	4.7	4.2	5.1
October	29.76	29.98	29.45	57.8	71.4	79.5	55.1	67.3	89	40	51	51	80	50	.398	.396	2.46	1.13	1.5	1.2	2.1
November	29.93	30.20	29.50	46.6	59.7	67.2	43.9	55.6	80	31	40	39	80	48	.274	.255	.87	.85	2.9	.9	2.7
December	29.93	30.56	29.26	45.2	53.9	59.4	43.0	51.2	77	11	40	42	83	66	.281	.298	2.97	1.21	4.9	3.1	5.3
Year	29.80	30.56	29.22	59.1	68.9	75.3	55.9	65.6	101	11	54	54	82	62	.467	.471	39.80	3.26	4.5	3.7	4.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

SAULT STE. MARIE, MICH.

[H = 642 ft.; h_t = 56 ft.; h_r = 48 ft.; h_a = 65 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	9.2	SE.	46	NW.	2	2	7	5	26	3	4	1	9	5	1	3	27	18	17	17	0	2	24	0	31	0	0
Feburary	8.9	SE.	34	NW.	0	3	2	1	16	3	9	10	5	7	2	12	14	8	5	7	0	5	22	0	28	0	2
March	10.1	SE.	50	NW.	3	2	2	6	24	0	3	7	12	6	1	8	22	22	14	15	0	2	7	0	27	3	1
April	8.9	SE.	48	SE.	1	3	2	5	22	0	2	9	13	4	4	7	19	11	6	3	0	1	2	0	12	1	2
May	9.6	SE.	32	NE.	0	2	10	3	15	0	2	14	12	4	2	7	22	21	16	1	1	1	0	0	5	4	0
June	6.9	NW.	30	SE.	0	2	1	4	18	2	2	18	11	2	5	16	9	7	4	0	0	0	0	0	0	6	4
July	6.5	NW.	28	NW.	0	1	1	4	15	1	4	10	21	5	8	12	11	12	6	0	0	0	0	3	0	9	0
August	6.0	NW.	26	NW.	0	0	5	3	14	2	7	5	16	10	3	16	12	11	7	0	0	3	0	0	0	5	0
September	7.7	SE.	36	NW.	0	0	0	4	31	2	2	5	11	5	7	8	15	13	10	0	0	3	0	0	1	3	4
October	9.0	SE.	36	NW.	0	3	5	4	28	1	4	3	14	0	0	7	24	20	18	0	2	2	0	0	2	2	0
November	10.5	SE.	38	NW.	0	7	2	7	14	3	7	6	13	1	1	2	27	24	23	18	0	0	12	0	25	0	0
December	9.1	SE.	37	W.	0	4	3	8	23	0	11	4	8	1	3	6	22	16	14	11	0	1	10	0	28	0	0
Year	8.5	SE.	50	NW.	4	29	40	54	246	17	57	92	145	50	37	104	224	183	140	72	3	20	77	3	159	33	13

SAVANNAH, GA.

[H = 98 ft.; h_t = 63 ft.; h_r = 55 ft.; h_a = 86 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.3	NE.	26	NE.	0	9	11	1	5	5	8	11	11	1	9	9	13	11	7	0	0	2	0	0	0	0	0
February	9.7	S.	36	NE.	0	0	8	4	3	14	7	9	11	0	7	10	11	13	10	0	0	1	0	0	3	0	0
March	8.7	S.	30	NW.	0	7	7	0	5	23	9	5	6	0	11	17	3	8	6	0	0	0	0	0	1	3	0
April	9.1	S.	29	SW.	0	5	5	4	9	18	8	7	4	0	9	16	5	6	2	0	0	0	0	0	0	1	0
May	8.0	S.	44	NW.	1	4	4	2	9	21	10	6	6	0	13	17	1	11	11	0	1	0	0	5	0	9	0
June	7.1	S.	40	NW.	1	1	4	5	9	28	10	1	1	1	8	20	2	11	9	0	0	0	0	8	0	11	0
July	7.2	SW.	28	NE.	0	6	7	3	8	9	17	9	3	0	1	25	5	23	20	0	0	0	0	6	0	19	0
August	6.1	SW.	38	N.	0	0	8	2	8	14	19	8	3	0	8	17	6	21	15	0	0	1	0	13	0	21	0
September	8.3	NE.	48	NE.	2	2	19	5	9	10	2	4	9	0	9	11	10	14	11	0	0	0	0	4	0	5	0
October	8.7	NE.	40	S.	1	12	14	5	5	9	1	7	9	0	20	6	5	7	5	0	0	0	0	0	0	0	0
November	7.3	NW.	38	NW.	0	3	9	0	6	4	12	6	20	0	19	5	6	7	5	0	0	5	0	0	1	2	0
December	7.8	NW.	32	NW.	0	7	7	4	5	12	6	4	17	0	17	9	5	3	2	0	0	0	1	0	3	0	0
Year	8.0	S.	48	NE.	5	56	103	35	81	167	109	77	100	2	131	162	72	135	103	0	1	9	1	36	8	71	0

SEATTLE, WASH.

[H = 119 ft.; h_t = 100 ft.; h_r = 94 ft.; h_a = 108 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.1	S.	37	S.	0	12	7	3	11	24	2	1	2	0	5	4	22	23	18	8	0	1	0	0	10	0	0
February	8.5	S.	36	S.	0	10	1	4	11	24	5	0	1	0	2	8	18	20	14	5	0	1	0	0	11	0	1
March	8.0	S.	30	S.	0	5	2	16	6	23	1	4	5	0	1	16	14	22	18	5	0	2	0	0	2	0	0
April	7.3	SE.	28	SW.	0	4	1	11	18	16	1	4	4	1	1	17	12	17	13	0	0	0	0	0	0	0	0
May	6.2	SE.	29	S.	0	9	3	10	12	10	2	6	9	1	5	20	6	14	9	0	0	1	0	0	0	0	0
June	5.9	SE.	30	SW.	0	4	2	9	16	11	3	8	7	0	6	17	7	14	10	0	0	2	0	0	0	2	0
July	4.5	NW.	18	S.	0	7	4	5	9	4	3	11	18	1	17	14	0	3	1	0	0	1	0	0	0	0	0
August	3.0	Calm. W.	15	NW.	0	5	2	1	14	1	1	11	12	15	19	10	2	2	0	0	0	3	0	0	0	1	0
September	6.1	SE.	25	SE.	0	5	7	3	28	1	3	4	4	5	6	18	6	17	11	0	0	2	0	0	0	1	0
October	6.2	SE.	26	S.	0	12	3	5	26	3	1	3	9	0	3	19	9	20	13	0	1	2	0	0	0	0	0
November	5.6	SE.	24	SE.	0	9	4	11	18	6	1	4	6	1	2	6	22	20	17	0	1	7	0	0	1	0	0
December	6.0	S.	36	S.	0	14	9	4	11	12	4	1	1	3	10	3	18	15	13	2	0	3	0	0	8	0	0
Year	6.3	SE.	37	S.	0	96	45	82	183	135	27	57	78	27	77	152	136	187	137	20	2	25	0	0	32	4	1

SHREVEPORT, LA.

[H = 249 ft.; h_t = 77 ft.; h_r = 76 ft.; h_a = 84 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.2	SE.	32	NW.	0	4	8	4	25	11	1	2	7	0	12	8	11	10	8	0	0	1	1	0	5	1	0
February	9.0	SE.	36	NW.	0	4	11	4	14	6	3	3	11	0	9	7	12	14	13	3	0	1	0	0	10	3	0
March	9.1	SE.	54	NW.	1	5	7	0	22	17	3	2	5	1	14	6	11	12	9	0	1	1	0	0	2	7	0
April	8.0	SE.	44	W.	1	3	7	4	23	12	1	3	7	0	10	9	11	13	10	0	4	0	0	0	0	11	0
May	6.6	S.	35	NW.	0	2	11	0	10	20	3	6	9	1	15	11	5	5	5	0	0	0	0	2	0	7	0
June	5.9	SE.	32	SE.	0	1	4	9	18	17	2	2	6	1	15	8	7	8	6	0	0	0	0	12	0	7	0
July	5.1	S.	42	N.	1	2	6	5	13	13	7	7	6	3	16	7	8	6	6	0	0	1	0	14	0	8	0
August	4.1	SE.	35	NE.	0	8	8	4	16	6	4	8	5	3	4	16	11	14	11	0	0	2	0	11	0	12	0
September	5.0	S.	16	NE.	0	9	7	2	14	19	1	1	3	4	14	6	10	5	4	0	0	1	0	6	0	5	0
October	5.8	SE.	29	NE.	0	6	6	2	19	8	4	4	7	6	24	4	3	5	5	0	0	0	0	0	0	4	0
November	6.7	SE.	42	W.	1	5	3	4	15	15	2	4	9	3	19	6	5	2	1	0	0	2	0	0	1	1	0
December	6.7	S.	28	SE.	0	7	10	3	11	14	2	5	10	0	12	8	11	10	9	0	1	0	1	0	4	1	0
Year	6.6	SE.	54	NW.	4	56	88	41	200	158	33	47	85	22	164	96	105	104	87	3	6	9	2	45	22	67	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

SIOUX CITY, IOWA.

[λ=42° 29′ N.; φ=96° 24′ W.; gravity corr., −0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	28.81	29.36	28.36	9.4	15.6	23.6	5.7	14.6	52	−26	6	11	85	83	.070	.087	.60	.25	4.2	4.5	4.5
February	28.86	29.48	28.26	11.4	20.8	28.4	8.7	18.6	48	−10	8	15	84	78	.067	.094	.19	.13	3.9	3.5	3.7
March	28.69	29.38	28.20	30.9	44.2	51.1	28.5	39.8	82	0	25	27	78	55	.149	.161	.54	.30	4.6	4.5	5.2
April	28.67	29.10	28.24	44.2	56.9	61.7	41.5	51.6	87	24	38	38	79	53	.247	.245	2.79	.72	5.6	5.2	5.8
May	28.70	29.09	28.16	55.2	69.5	75.0	49.8	62.4	94	33	43	40	66	37	.301	.263	1.91	.91	3.6	3.7	3.8
June	28.70	29.01	28.31	65.4	78.9	84.8	60.0	72.4	100	41	56	55	73	47	.464	.451	2.74	.92	4.2	4.5	4.4
July	28.79	28.99	28.45	68.2	83.8	89.0	63.1	76.0	107	48	56	53	65	37	.448	.414	1.81	1.13	3.7	3.1	3.3
August	28.79	29.00	28.58	65.5	80.5	88.2	62.1	75.2	102	47	55	57	69	46	.436	.470	1.68	.57	2.2	2.8	2.3
September	28.72	29.26	28.30	55.8	70.9	78.5	52.9	65.7	94	35	48	47	77	45	.364	.348	.73	.57	4.2	3.4	4.0
October	28.65	29.10	28.20	43.3	55.7	64.0	41.3	52.6	83	29	36	37	76	52	.216	.231	3.28	1.94	4.2	3.0	4.7
November	28.85	29.38	28.08	27.1	34.9	43.2	23.7	33.4	63	6	20	19	74	53	.113	.114	.17	.10	5.4	4.5	6.2
December	28.84	29.58	28.08	23.7	31.7	38.4	21.9	30.2	56	−12	19	24	83	71	.111	.136	1.30	1.20	3.9	2.7	4.9
Year	28.76	29.58	28.08	41.7	53.6	60.5	38.3	49.4	107	−26	34	35	76	55	.249	.251	17.84	1.94	4.1	3.8	4.4

SPOKANE, WASH.

[λ=47° 40′ N.; φ=117° 25′ W.; gravity corr., +0.01.]

January	27.92	28.43	27.47	24.7	28.8	31.9	21.0	26.4	49	−1	22	24	90	82	.125	.131	4.41	1.00	7.8	8.0	8.3
February	28.00	28.61	27.42	23.2	31.8	34.6	20.8	27.7	48	−2	20	23	88	68	.116	.128	1.76	.62	6.2	7.2	7.1
March	27.90	28.45	27.41	32.8	42.4	46.2	30.5	38.4	63	19	29	30	86	64	.162	.168	2.65	.50	6.9	8.2	7.4
April	27.99	28.29	27.48	39.1	53.3	56.2	38.0	47.1	75	28	32	30	75	44	.180	.175	1.00	.45	5.7	7.9	6.9
May	27.91	28.23	27.56	48.0	65.3	68.0	46.5	57.2	90	30	39	38	71	39	.249	.242	1.01	.25	5.9	7.5	6.9
June	27.91	28.20	27.67	51.3	66.3	71.2	50.0	60.6	89	35	43	40	73	41	.279	.254	1.13	.55	6.2	7.5	7.1
July	28.02	28.26	27.84	57.3	82.5	84.7	55.4	70.0	95	45	44	36	63	20	.295	.220	.29	.26	3.6	4.0	4.2
August	27.98	28.18	27.76	57.1	84.4	86.8	56.0	71.4	98	47	43	35	60	19	.278	.207	.15	.11	3.1	2.7	3.3
September	27.95	28.23	27.60	48.2	64.4	67.6	46.5	57.0	85	38	39	35	72	37	.246	.211	1.10	.45	5.8	6.1	6.5
October	27.96	28.34	27.55	41.0	53.6	57.7	39.4	48.6	74	30	36	34	81	51	.212	.204	1.43	.49	6.3	6.0	6.5
November	28.10	28.50	27.69	39.2	44.5	48.5	37.3	42.9	58	25	35	35	85	70	.206	.215	1.26	.55	7.1	7.4	8.1
December	28.02	28.58	27.32	28.6	33.2	36.2	26.6	31.4	44	4	25	27	86	77	.135	.145	1.65	.48	7.1	6.1	7.4
Year	27.97	28.61	27.32	40.9	54.2	57.5	39.0	48.2	98	−2	34	32	78	51	.207	.192	17.84	1.00	6.0	6.6	6.6

SPRINGFIELD, ILL.

[λ=39° 48′ N.; φ=89° 39′ W.; gravity corr., −0.01.]

January	29.41	29.96	28.83	24.9	32.6	36.9	21.9	29.4	66	−17	20	25	81	72	.126	.154	2.51	1.50	5.7	4.8	5.6
February	29.44	30.07	28.57	21.0	29.4	33.9	18.5	26.2	55	3	17	21	83	70	.100	.123	2.58	1.32	6.1	4.1	5.7
March	29.34	29.82	28.95	40.0	49.2	55.8	37.3	46.6	79	8	33	35	77	60	.212	.230	3.09	2.12	5.9	3.2	4.9
April	29.31	29.64	29.04	48.7	56.8	63.6	44.3	54.0	86	32	40	43	73	61	.264	.298	3.36	1.82	4.9	6.5	6.3
May	29.28	29.73	28.88	58.2	66.0	72.4	52.4	62.4	88	36	51	52	77	63	.390	.410	2.80	.84	6.2	4.8	5.8
June	29.34	29.57	29.09	69.7	80.5	86.9	63.4	75.2	97	40	58	59	67	50	.503	.519	1.56	.66	3.9	3.8	4.3
July	29.38	29.54	29.22	71.0	81.4	88.4	64.6	76.5	98	54	57	55	63	43	.480	.444	2.06	1.36	4.1	4.8	4.9
August	29.36	29.56	29.17	67.9	78.7	86.2	63.3	74.8	96	52	59	61	75	56	.514	.539	1.86	.81	3.5	4.5	4.6
September	29.37	29.77	29.08	61.5	69.6	77.0	58.0	67.5	92	41	55	57	80	66	.468	.501	2.94	1.49	4.6	3.2	4.3
October	29.28	29.61	28.92	48.7	57.8	65.7	46.0	55.8	83	32	41	42	76	58	.266	.285	.85	.46	4.5	3.6	4.7
November	29.43	29.93	28.90	32.3	39.6	46.8	28.8	37.8	71	12	24	27	71	62	.140	.156	1.63	.71	5.4	4.4	5.8
December	29.44	29.85	28.76	31.0	35.5	41.5	28.8	35.2	60	−2	24	26	76	69	.143	.153	3.10	1.38	6.0	4.1	6.1
Year	29.36	30.07	28.57	47.9	56.4	62.9	43.9	53.4	98	−17	40	42	75	61	.300	.318	28.34	2.12	5.1	4.3	5.2

SPRINGFIELD, MO.

[λ=37° 12′ N.; φ=93° 18′ W.; gravity corr., −0.02.]

January	28.65	29.10	28.19	29.0	37.4	45.2	26.0	35.6	70	−17	23	27	79	68	.142	.166	2.88	1.45	4.4	4.0	5.0
February	28.69	29.17	27.98	26.2	34.5	40.6	23.5	32.0	59	2	20	24	77	66	.118	.137	2.28	.76	6.0	6.2	6.4
March	28.61	29.10	28.16	42.1	52.9	59.9	40.0	50.0	82	13	34	35	73	51	.221	.225	3.62	2.40	5.0	3.7	4.3
April	28.57	28.94	28.32	50.9	61.1	67.8	47.8	57.8	87	34	40	42	68	52	.271	.287	4.16	1.16	4.3	3.6	4.7
May	28.57	28.95	28.27	59.6	68.2	74.0	55.1	64.6	87	38	52	52	78	58	.410	.405	6.48	2.51	4.8	3.9	4.8
June	28.64	28.85	28.43	68.1	77.9	84.1	63.0	73.6	94	48	60	61	76	58	.529	.553	2.26	.68	2.5	2.8	3.7
July	28.67	28.79	28.55	69.2	78.7	84.8	65.1	75.0	97	56	60	61	74	57	.528	.552	2.91	.96	3.1	3.7	3.9
August	28.66	28.82	28.57	69.2	78.5	86.0	65.8	75.9	97	55	62	61	78	57	.558	.542	1.75	1.26	2.3	3.1	3.2
September	28.65	28.98	28.42	61.9	70.0	76.9	59.2	68.0	92	42	57	59	85	70	.497	.530	8.52	3.25	4.3	3.2	3.7
October	28.61	28.87	28.29	50.6	62.0	69.8	48.1	59.0	84	32	42	43	73	52	.285	.294	1.37	.84	3.3	2.2	2.7
November	28.73	29.07	28.24	36.8	47.7	55.2	34.3	44.8	72	14	28	28	71	48	.161	.168	1.90	.92	3.0	2.4	3.5
December	28.74	29.24	28.08	33.3	39.7	45.5	30.9	38.2	68	−2	27	29	78	67	.180	.174	2.28	1.45	4.5	3.7	4.9
Year	28.65	29.24	27.98	49.7	59.0	65.8	46.6	56.2	97	−17	42	44	76	59	.323	.336	40.41	3.25	4.0	3.5	4.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

SIOUX CITY, IOWA.

[H = 1,165 ft.; h_t = 96 ft.; h_r = 92 ft.; h_a = 109 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	10.0	NW.	36	NW.	0	12	2	4	9	10	2	0	23	0	12	10	9	6	5	5	0	0	19	0	30	0	0
February	11.4	NW.	44	NW.	1	8	1	1	5	16	5	1	19	0	15	9	4	4	2	4	0	0	15	0	27	0	2
March	14.3	NW.	42	NW.	2	6	2	3	11	11	3	4	21	1	11	11	9	7	3	3	0	1	5	0	14	1	1
April	13.7	SE.	46	SE.	6	8	5	7	19	6	1	3	11	0	9	9	12	13	8	1	2	1	0	0	6	6	0
May	13.1	S.	42	S.	2	10	15	2	2	17	4	4	7	1	17	10	4	9	6	0	0	0	0	2	0	2	0
June	11.9	S.	75	S.	6	6	4	2	6	31	1	4	5	1	12	12	6	10	7	0	1	0	0	3	0	5	0
July	9.7	S.	38	NE.	0	10	7	1	6	32	2	3	1	0	16	13	2	5	4	0	0	0	0	14	0	2	0
August	8.7	S.	32	N.	0	15	10	4	13	17	0	0	1	2	22	8	1	7	5	0	0	0	0	11	0	3	0
September	11.4	S.	44	S.	4	12	2	4	11	21	0	1	9	0	13	11	6	3	3	0	0	0	0	3	0	4	0
October	12.8	NW.	50	NW.	4	9	1	4	10	13	2	3	20	0	13	9	9	9	7	1	0	1	0	0	2	2	0
November	12.5	N.	48	NW.	2	17	0	2	7	16	0	3	14	1	5	16	9	5	1	0	0	1	6	0	22	0	0
December	10.2	NW.	48	NW.	2	9	2	1	9	14	4	2	18	3	12	9	10	7	3	3	0	4	8	0	26	0	1
Year	11.6	S.	75	S.	29	122	51	35	108	204	24	28	149	9	157	127	81	85	54	17	3	8	53	33	127	25	4

SPOKANE, WASH.

[H = 1,930 ft.; h_t = 99 ft.; h_r = 90 ft.; h_a = 107 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	5.8	S.	30	SW.	0	11	4	4	8	18	9	2	4	2	0	11	20	20	16	16	0	2	16	0	25	0	0
February	6.8	SW.	30	SW.	0	2	8	7	5	14	16	1	2	1	4	8	16	17	14	15	0	3	13	0	23	0	0
March	7.6	SW.	28	SW.	0	1	4	6	11	12	25	2	0	1	4	8	19	17	14	9	1	0	0	0	18	0	0
April	8.3	SW.	30	SW.	0	2	3	4	5	20	21	3	1	1	3	13	14	7	7	0	1	0	0	0	4	0	0
May	7.1	SW.	36	SW.	0	1	6	10	2	17	17	2	5	2	3	10	18	10	5	0	0	1	0	2	2	1	0
June	7.6	SW.	39	SW.	0	2	3	7	11	12	17	4	4	0	0	16	14	13	7	0	2	1	0	0	0	2	0
July	5.7	SW.	24	NW.	0	6	4	10	5	16	15	0	5	1	15	10	6	3	1	0	0	0	0	4	0	3	0
August	4.1	S.	24	NE.	0	6	9	2	5	11	10	7	8	4	18	8	5	3	1	0	0	0	0	13	0	0	1
September	7.0	S.	30	SW.	0	1	6	8	2	12	19	7	4	1	5	10	15	8	6	0	0	0	0	0	0	0	0
October	6.6	S.	36	SW.	0	3	3	6	8	25	11	0	4	2	4	11	16	14	9	0	1	0	0	0	5	0	0
November	6.0	SW.	36	SW.	0	6	8	6	3	15	14	3	5	0	1	7	22	12	6	1	0	4	0	0	7	0	0
December	5.7	NE.	30	SW.	0	11	13	17	5	10	5	1	0	0	5	6	20	13	9	9	0	2	4	0	23	0	0
Year	6.5	SW.	39	SW.	0	52	71	87	70	182	179	32	42	15	62	118	185	137	95	50	5	13	33	19	107	6	1

SPRINGFIELD, ILL.

[H = 644 ft.; h_t = 82 ft.; h_r = 60 ft.; h_a = 92 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.8	S.	35	S.	0	7	4	3	7	20	8	3	10	0	11	7	13	9	6	3	0	3	10	0	22	0	0
February	11.2	NW.	35	SW.	0	8	7	2	2	11	7	7	12	0	11	4	13	8	5	3	0	3	13	0	24	0	1
March	12.3	S.	36	S.	0	2	2	2	5	22	6	5	18	0	12	11	8	9	6	1	1	1	2	0	8	2	1
April	11.0	S.	40	SW.	1	1	2	8	9	19	6	7	8	0	6	12	12	9	7	0	2	0	0	0	1	3	0
May	8.5	N.	34	NW.	0	15	5	1	5	14	8	7	7	0	7	15	9	12	9	0	0	0	0	0	0	5	0
June	7.3	S.	38	NW.	0	7	2	5	4	19	9	11	2	1	10	15	5	8	7	0	0	0	0	13	0	10	0
July	6.4	SW.	30	NW.	0	10	11	6	2	7	15	5	5	1	10	12	9	3	3	0	0	0	0	12	0	5	0
August	6.7	SW.	36	N.	0	11	13	3	3	7	16	7	2	0	16	8	7	6	6	0	0	0	0	10	0	7	0
September	8.6	S.	33	SW.	0	7	6	6	4	22	8	1	5	1	14	7	9	12	9	0	0	0	0	2	0	10	0
October	10.5	S.	34	NW.	0	3	2	2	2	25	7	6	15	0	12	10	9	9	5	0	1	1	0	0	0	2	0
November	11.4	NW.	36	S.	0	5	2	2	4	16	5	9	17	0	9	7	14	6	4	0	0	1	2	0	18	1	0
December	10.7	S.	36	W.	0	10	5	2	1	15	8	8	13	0	7	9	15	10	6	0	0	2	7	0	16	0	0
Year	9.5	S.	40	SW.	1	86	61	42	48	197	103	76	114	3	125	117	123	101	73	7	4	11	34	37	89	45	2

SPRINGFIELD, MO.

[H = 1,336 ft.; h_t = 100 ft.; h_r = 3 ft.; h_a = 103 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.8	SE.	36	SE.	0	6	4	5	20	13	2	1	11	0	8	14	9	5	5	2	1	3	5	0	20	1	0
February	11.4	NW.	48	SW.	1	9	9	4	8	8	3	2	13	0	8	5	15	9	7	6	1	0	8	0	21	2	0
March	12.2	SE.	36	S.	0	8	1	5	19	13	4	5	6	1	12	11	8	6	6	1	1	0	2	0	3	3	0
April	11.4	SE.	38	NW.	0	3	5	2	23	6	7	5	9	0	12	8	10	10	10	0	3	2	0	0	6	10	0
May	8.6	S.	28	N.	0	10	5	8	9	18	2	2	6	2	7	20	4	10	7	0	1	1	0	0	0	10	0
June	9.0	SE.	32	NW.	0	1	4	0	23	17	7	6	2	0	13	15	2	5	4	0	1	1	0	3	0	7	0
July	7.7	SE.	42	SW.	1	7	13	6	15	13	4	3	0	1	12	15	4	9	5	0	0	0	0	3	0	9	0
August	6.9	S.	30	NE.	0	3	14	5	14	16	4	4	1	1	15	13	3	6	4	0	0	0	0	9	0	9	0
September	9.7	SE.	32	SW.	0	4	8	7	28	11	0	0	2	0	13	12	5	10	8	0	0	1	0	1	0	8	0
October	11.2	SE.	42	S.	1	5	0	1	18	14	4	3	16	1	19	8	4	8	5	0	1	0	0	0	0	4	0
November	11.5	NW.	36	S.	0	8	2	1	14	12	5	3	15	0	15	9	6	4	4	0	0	0	0	0	12	3	0
December	10.7	S.	36	S.	0	11	4	2	8	13	9	3	12	0	10	10	11	10	7	3	1	2	4	0	12	3	0
Year	10.0	SE.	48	SW.	3	75	69	46	199	154	51	37	93	6	144	140	81	92	72	12	10	10	19	16	73	69	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

TAMPA, FLA.

[λ = 27° 57′ N.; φ = 82° 27′ W.; gravity corr., —0.04.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	30.16	30.34	29.87	57.5	64.1	73.1	54.3	63.6	80	41	54	57	89	79	.432	.477	1.42	1.21	4.9	2.9	5.3
February	30.15	30.47	29.91	59.6	64.1	73.4	55.7	64.6	80	36	56	58	87	80	.472	.497	2.73	.75	5.0	3.8	5.1
March	30.15	30.42	29.82	63.4	67.9	78.3	58.3	68.3	87	39	59	59	85	75	.516	.523	1.71	1.39	4.0	2.6	4.6
April	30.06	30.23	29.84	68.1	71.1	81.9	61.6	71.8	89	54	62	61	80	72	.552	.550	1.36	.63	3.6	3.2	4.5
May	29.97	30.20	29.67	73.1	75.6	85.5	65.3	75.4	93	53	65	67	76	76	.630	.668	6.92	2.82	3.2	4.6	4.5
June	30.05	30.16	29.80	76.2	75.9	88.9	69.6	79.2	93	65	71	70	84	83	.753	.737	9.15	1.64	4.4	6.3	5.4
July	30.06	30.18	29.92	79.7	78.7	88.7	73.7	81.2	93	70	74	73	82	84	.824	.822	11.56	2.12	5.1	6.7	5.2
August	30.04	30.12	29.94	80.6	79.5	88.8	73.9	81.4	92	69	74	73	79	82	.824	.822	7.16	1.63	4.5	6.0	5.4
September	29.96	30.16	29.45	77.4	77.0	86.6	71.6	79.1	93	65	73	72	87	84	.811	.779	17.28	4.62	5.5	5.7	5.6
October	29.96	30.14	29.66	70.2	72.6	81.9	65.5	73.7	89	57	67	68	89	84	.666	.680	4.84	1.82	4.8	3.3	5.1
November	30.16	30.35	29.93	61.7	66.8	76.1	57.9	67.0	85	38	58	61	86	81	.501	.557	2.26	1.76	4.7	3.5	5.0
December	30.15	30.60	29.90	55.9	62.1	71.4	53.1	62.2	80	19	53	56	90	82	.431	.485	.54	.20	3.6	3.2	4.7
Year	30.07	30.60	29.45	68.6	71.3	81.2	63.4	72.3	93	19	64	65	84	80	.618	.633	66.93	4.62	4.4	4.3	5.0

TATOOSH ISLAND, WASH.

[λ = 48° 23′ N.; φ = 124° 44′ W.; gravity corr., + 0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.81	30.36	28.95	39.9	40.7	42.6	36.9	39.8	50	30	35	36	84	83	.210	.214	16.39	2.24	7.1	7.2	7.5
February	29.87	30.52	29.37	39.1	40.2	42.2	35.9	39.0	49	26	35	36	85	83	.206	.211	11.65	1.81	7.4	8.1	8.7
March	29.62	30.34	29.21	41.0	42.8	45.5	37.7	41.6	54	33	36	38	84	83	.216	.228	12.32	2.84	7.8	7.1	7.0
April	29.99	30.31	29.41	43.6	46.0	48.1	40.9	44.5	59	37	40	41	87	83	.248	.259	14.59	3.77	8.2	7.6	8.7
May	29.94	30.34	29.62	46.7	49.7	51.8	44.4	48.1	63	36	44	45	90	85	.290	.305	4.12	1.49	7.1	6.7	7.0
June	29.92	30.20	29.49	51.4	54.4	56.6	49.5	53.0	68	45	48	50	89	87	.338	.367	3.28	.91	8.3	6.7	7.1
July	30.03	30.18	29.81	52.2	56.5	59.3	50.1	54.7	75	45	50	52	92	86	.358	.395	1.60	.52	5.9	3.6	5.6
August	29.96	30.14	29.66	55.5	59.2	62.3	51.8	57.0	80	47	52	55	89	86	.384	.435	.71	.33	3.8	2.7	6.9
September	29.88	30.23	29.37	52.9	55.0	57.5	50.0	53.8	65	45	49	51	88	87	.348	.378	11.52	2.81	6.7	6.3	7.5
October	29.86	30.22	29.34	48.9	49.5	52.2	45.6	48.9	58	40	45	45	86	85	.298	.300	12.70	1.64	7.5	8.1	7.6
November	30.02	30.37	29.52	46.9	47.3	49.6	44.3	47.0	57	37	44	44	89	88	.286	.287	13.71	1.95	7.1	8.2	8.9
December	29.81	30.48	28.56	41.6	42.3	44.7	37.6	41.2	49	33	36	36	82	80	.216	.215	11.75	2.40	6.0	6.9	6.3
Year	29.91	30.52	28.56	46.6	48.6	51.0	43.7	47.4	80	26	43	44	87	85	.283	.300	114.34	3.77	6.9	6.6	7.4

TITUSVILLE, FLA.

[λ = 28° 34′ N.; φ = 80° 51′ W.; gravity corr., — 0.04.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.16	30.34	29.86	58.9	64.2	71.1	55.4	63.2	81	40	55	59	88	83	.447	.505	4.35	4.14	3.8	2.8	4.0
February	30.16	30.47	29.90	59.5	64.6	73.6	54.8	64.2	84	35	55	58	87	81	.461	.504	.45	.22	3.5	2.5	3.5
March	30.15	30.40	29.80	63.9	68.7	76.1	58.4	67.2	88	38	60	61	86	78	.525	.555	.64	.48	2.7	1.8	2.5
April	30.07	30.25	29.78	69.3	70.7	78.7	60.8	69.8	87	50	60	60	74	71	.538	.532	.17	.13	1.9	1.7	2.4
May	29.99	30.21	29.62	73.6	74.6	82.4	64.9	73.6	90	49	66	66	76	74	.638	.638	.93	.26	2.8	2.3	3.5
June	30.07	30.19	29.83	77.4	76.8	83.5	69.5	76.5	89	61	71	71	81	82	.759	.753	4.49	1.18	4.2	6.0	5.4
July	30.07	30.18	29.92	80.1	78.7	87.6	72.6	80.1	93	69	74	73	82	83	.836	.809	6.18	1.29	2.3	5.0	5.0
August	30.04	30.12	29.93	79.8	78.5	89.0	72.0	80.5	95	68	74	73	82	84	.830	.812	5.33	.82	1.5	4.3	4.4
September	29.96	30.17	29.10	78.3	78.6	84.8	72.9	78.8	91	65	74	73	86	84	.830	.813	14.46	5.64	3.7	3.3	4.6
October	29.96	30.14	29.59	72.5	73.3	80.0	67.6	73.8	87	56	67	66	82	78	.664	.648	3.63	2.00	3.1	2.8	3.2
November	30.16	30.35	29.94	63.2	65.9	73.2	58.7	66.0	81	40	58	60	84	81	.512	.539	2.41	.73	3.1	2.6	3.2
December	30.15	30.54	29.91	57.4	61.6	69.3	54.3	61.8	81	18	54	56	87	80	.443	.474	.68	.56	2.5	2.2	2.5
Year	30.08	30.54	29.10	69.5	71.4	79.1	63.5	71.3	95	18	64	65	83	80	.624	.632	43.72	5.64	2.9	3.1	3.7

TOLEDO, OHIO.

[λ = 41° 40′ N.; φ = 83° 34′ W.; gravity corr., — 0.01.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	29.37	29.89	28.87	29.1	32.7	38.7	25.1	31.9	54	— 2	25	26	84	75	.144	.146	1.48	.84	6.9	4.6	6.6
February	29.38	30.13	28.60	21.4	27.6	32.4	19.0	25.7	59	— 3	17	21	84	76	.100	.116	1.92	.80	5.5	4.6	5.9
March	29.30	29.64	28.89	37.8	44.1	51.2	34.5	42.8	75	11	30	33	74	65	.179	.200	1.26	.36	5.9	3.6	5.8
April	29.30	29.62	28.78	44.6	50.2	57.1	40.5	48.8	82	27	37	38	73	65	.230	.247	1.81	.73	4.8	5.6	5.7
May	29.22	29.67	28.82	54.9	58.5	66.8	49.1	58.0	85	34	47	49	76	73	.334	.362	5.36	1.68	5.4	5.7	6.5
June	29.29	29.56	28.92	67.3	74.7	82.8	61.0	71.9	94	41	58	60	72	61	.500	.530	1.76	1.16	4.2	4.4	4.2
July	29.31	29.50	29.11	70.1	78.4	85.0	64.5	74.8	96	50	57	58	65	50	.480	.483	.42	.28	2.8	4.3	3.8
August	29.33	29.54	29.10	64.2	73.1	80.0	60.5	70.2	93	49	54	56	71	56	.433	.451	.60	.57	3.8	4.3	4.6
September	29.35	29.76	28.08	61.8	67.3	76.0	57.6	66.8	92	39	54	56	77	68	.446	.469	2.50	.85	3.8	2.8	4.2
October	29.25	29.60	28.88	48.1	53.5	60.4	45.1	52.8	79	30	42	44	80	71	.273	.294	1.69	.56	5.3	5.3	6.3
November	29.35	29.98	28.88	32.5	37.0	42.1	30.1	36.1	67	18	27	29	78	73	.147	.163	1.04	.23	5.8	5.9	6.4
December	29.37	29.78	28.85	31.0	34.5	39.0	28.4	33.7	59	0	25	27	79	75	.145	.157	1.50	.54	6.8	5.6	6.5
Year	29.32	30.13	28.60	46.9	52.6	58.3	43.0	51.1	96	— 3	39	41	76	67	.284	.302	21.34	1.68	5.1	4.7	5.5

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

TAMPA, FLA.

[H = 36 ft.; h_t = 60 ft.; h_r = 52 ft.; h_a = 68 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	5.3	N.	27	SW.	0	15	12	11	4	1	10	5	3	1	5	24	2	4	4	0	0	3	0	0	0	1	0
February	7.8	SW.	30	SW.	0	4	8	2	10	9	10	8	5	0	8	14	6	9	6	0	0	1	0	0	0	1	0
March	6.6	W.	26	SW.	0	8	5	9	9	2	11	11	7	0	8	20	3	6	4	0	0	1	0	0	0	2	0
April	6.6	NE.	20	NE.	0	7	14	3	8	1	5	13	9	0	10	19	1	4	4	0	0	0	0	0	0	2	0
May	6.2	NE.	24	S.	0	2	16	9	3	3	2	11	15	1	8	22	1	9	8	0	0	0	0	8	0	8	0
June	5.5	E.	30	S.	0	4	12	17	12	4	0	4	6	1	5	22	3	19	16	0	0	0	0	13	0	13	0
July	5.4	NE.	31	SE.	0	3	12	6	10	4	11	12	4	0	3	25	3	22	18	0	0	0	0	7	0	7	0
August	5.0	W.	30	N.	0	3	5	11	8	6	6	13	8	2	5	21	5	20	17	0	0	0	0	15	0	7	0
September	6.7	NE.	43	NE.	2	5	19	13	7	1	5	6	4	0	9	11	10	18	17	0	0	0	0	6	0	5	0
October	7.1	NE.	41	SE.	1	15	24	3	3	3	5	4	5	0	9	15	7	9	8	0	0	0	0	0	0	0	0
November	5.4	N.	19	SW.	0	19	15	6	2	2	3	4	8	1	10	13	7	5	5	0	0	0	0	0	0	0	0
December	5.7	N.	25	NW.	0	25	14	4	5	0	6	1	7	0	14	13	4	5	4	0	0	0	0	0	2	1	0
Year	6.1	NE.	43	NE.	3	110	156	94	81	36	74	92	81	6	94	219	52	130	111	0	0	5	0	49	2	47	0

TATOOSH ISLAND, WASH.

[H = 86 ft.; h_t = 12 ft.; h_r = 1 ft.; h_a = 21 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	18.4	E.	62	S.	10	0	2	25	10	7	9	3	6	0	5	5	21	24	21	8	0	1	0	0	1	0	0
February	19.3	E.	72	E.	11	0	0	20	10	5	13	7	1	0	4	3	21	22	21	5	0	0	1	0	4	0	0
March	16.7	E.	51	W.	5	0	0	20	7	6	11	14	4	0	4	8	19	24	22	6	0	0	0	0	0	0	0
April	15.0	SW.	53	E.	3	0	0	10	14	2	14	14	6	0	2	8	20	24	22	0	1	2	0	0	0	0	0
May	12.4	SW.	57	NE.	3	1	4	9	1	6	16	11	14	0	8	3	20	16	11	0	0	4	0	0	0	0	0
June	9.9	SW.	56	SW.	2	0	0	8	6	8	20	12	4	2	3	7	20	18	15	0	0	3	0	0	0	1	0
July	9.1	SW.	46	E.	2	0	2	7	1	8	31	8	5	0	11	6	14	10	8	0	0	7	0	0	0	0	0
August	9.6	SW.	53	E.	3	1	1	13	5	12	26	2	2	0	8	7	16	10	5	0	0	18	0	0	0	0	0
September	12.4	SW.	52	E.	5	0	1	13	9	12	24	0	1	0	3	8	19	19	16	0	1	8	0	0	0	1	0
October	14.1	E.	54	E.	4	0	2	18	10	13	6	8	5	0	3	8	20	22	22	0	0	2	0	0	0	1	0
November	18.2	E.	58	E.	12	1	1	27	7	6	8	10	0	0	2	6	22	25	24	0	0	4	0	0	0	0	0
December	20.7	E.	76	E.	16	0	1	33	14	2	5	3	4	0	10	4	17	16	15	2	0	0	0	0	0	0	0
Year	14.6	E.	76	E.	76	3	14	203	94	87	183	92	52	2	63	73	229	230	202	21	2	49	1	0	5	3	0

TITUSVILLE, FLA.

[H = 44 ft.; h_t = 15 ft.; h_r = 1 ft.; h_a = 70 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.2	NW.	34	NW.	0	5	10	4	14	2	11	2	14	0	11	17	3	6	4	0	0	3	0	0	0	1	0
February	11.7	S.	44	NW.	1	2	6	1	9	17	5	8	8	0	16	10	2	4	3	0	0	1	0	0	0	1	0
March	13.5	SE.	40	SE.	1	7	3	6	21	3	9	7	6	0	20	11	0	4	3	0	0	0	0	0	0	1	0
April	12.3	E.	48	N.	1	6	8	16	13	4	4	7	2	0	19	11	0	4	1	0	0	0	0	0	0	2	0
May	11.5	E.	36	NW.	0	4	3	20	9	3	7	14	2	0	16	15	0	9	6	0	0	0	0	0	0	8	0
June	10.5	E.	48	SW.	2	7	4	18	10	9	9	3	0	0	8	15	7	12	12	0	0	0	0	0	0	6	0
July	9.9	SW.	38	W.	0	3	4	9	7	14	17	7	1	0	2	29	0	21	18	0	0	0	0	6	0	14	0
August	8.2	W.	38	W.	0	0	1	0	11	15	15	16	4	0	9	22	0	17	14	0	0	0	0	9	0	17	0
September	12.6	SE.	66	NE.	3	0	7	15	19	5	6	7	1	0	12	16	2	15	13	0	0	0	0	1	0	3	0
October	13.8	NE.	48	N.	4	6	20	6	3	2	7	6	11	1	20	5	6	9	7	0	0	0	0	0	0	0	0
November	10.0	NW.	36	NE.	0	7	8	10	6	2	1	6	19	1	17	12	1	10	9	0	0	3	0	0	0	0	0
December	11.5	NW.	36	E.	0	13	3	6	4	5	2	6	23	0	20	9	2	4	3	0	0	2	0	0	2	1	0
Year	11.3	SE.	66	NE.	12	60	77	111	126	81	93	89	91	2	170	172	23	115	93	0	0	9	0	16	2	54	0

TOLEDO, OHIO.

[H = 674 ft.; h_t = 122 ft.; h_r = 113 ft.; h_a = 127 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	10.5	W.	48	S.	1	3	2	5	5	8	11	18	10	0	6	9	16	10	7	3	0	5	7	0	21	0	0
February	12.2	SW.	60	NE.	2	6	3	5	4	3	15	9	11	0	8	7	13	14	6	10	1	1	15	0	24	1	2
March	12.6	SW.	43	W.	1	2	2	5	9	6	15	12	11	0	9	11	11	11	8	6	0	0	3	0	10	3	1
April	10.4	E.	43	SW.	2	4	10	13	6	6	5	7	9	0	10	8	12	14	9	1	0	0	0	0	5	2	0
May	10.2	W.	37	NW.	0	8	2	8	6	6	6	11	15	0	6	11	14	22	17	0	0	0	0	0	0	7	0
June	8.0	W.	38	SE.	0	2	1	9	6	4	8	22	8	0	14	12	4	7	5	0	0	0	0	8	0	7	0
July	9.0	W.	30	SW.	0	6	6	9	1	5	9	16	10	0	15	14	2	5	2	0	0	0	0	9	0	4	0
August	7.5	E.	28	W.	0	7	10	10	5	2	13	6	9	0	12	10	9	3	1	0	1	1	0	3	0	2	0
September	9.0	E.	33	NW.	0	2	6	14	4	7	11	8	8	0	14	9	7	12	9	0	0	1	0	2	0	3	0
October	9.6	W.	32	NW.	0	4	4	3	4	9	13	14	11	0	7	8	16	11	6	0	1	3	0	0	1	2	0
November	12.2	NW.	38	S.	0	5	0	2	4	6	12	12	19	0	9	4	17	15	10	9	0	1	4	0	17	0	0
December	11.6	SW.	39	SW.	0	5	4	2	2	5	22	10	12	0	8	6	17	12	7	2	0	0	8	0	19	1	0
Year	10.2	SW.	60	NE.	6	54	50	85	56	67	140	145	133	0	118	109	138	136	87	31	3	12	37	22	97	32	3

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

TOPEKA, KANS.

[λ = 39° 3′ N.; φ = 95° 41′ W.; gravity corr., —.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	.....	.....	.....	.....	.....	40.6	19.0	29.8	70	—14	.....	.....	.....	.....	.....	.....	.72	.66	.....	.....	.....
February	.....	.....	.....	.....	.....	37.9	18.3	28.1	60	2	.....	.....	.....	.....	.....	.....	1.34	.83	.....	.....	.....
March	.....	.....	.....	.....	.....	61.3	36.0	48.6	82	11	.....	.....	.....	.....	.....	.....	1.16	.68	.....	.....	.....
April	.....	.....	.....	.....	.....	70.6	46.4	58.5	87	32	.....	.....	.....	.....	.....	.....	2.94	1.48	.....	.....	.....
May	.....	.....	.....	.....	.....	77.0	54.2	65.6	89	37	.....	.....	.....	.....	.....	.....	1.91	.73	.....	.....	.....
June	.....	.....	.....	.....	.....	86.5	63.2	74.8	96	48	.....	.....	.....	.....	.....	.....	7.05	1.68	.....	.....	.....
July	.....	.....	.....	.....	.....	88.4	65.4	76.9	101	58	.....	.....	.....	.....	.....	.....	2.68	2.21	.....	.....	.....
August	.....	.....	.....	.....	.....	92.0	*65.1	†78.6	102	*50	.....	.....	.....	.....	.....	.....	.42	.40	.....	.....	.....
September	.....	.....	.....	.....	.....	81.7	58.1	69.9	96	39	.....	.....	.....	.....	.....	.....	3.55	1.29	.....	.....	.....
October	.....	.....	.....	.....	.....	72.2	47.6	59.9	89	28	.....	.....	.....	.....	.....	.....	2.04	.83	.....	.....	.....
November	.....	.....	.....	.....	.....	55.4	31.3	43.4	75	13	.....	.....	.....	.....	.....	.....	.35	.34	.....	.....	.....
December	.....	.....	.....	.....	.....	47.9	28.0	38.0	70	0	.....	.....	.....	.....	.....	.....	.45	.23	.....	.....	.....
Year	.....	.....	.....	.....	.....	67.6	44.4	56.0	102	—14	.....	.....	.....	.....	.....	.....	24.61	2.21	.....	.....	.....

* 29 days. † Mean of 31 days maximum and 29 days minimum record.

TUCSON, ARIZ.

[λ = 32° 14′ N.; φ = 110° 53′ W.; gravity corr., —0.03.]

January	27.59	27.84	27.34	32.7	54.3	61.0	29.5	45.2	75	18	22	22	68	30	.122	.121	.11	.06	2.2	2.9	3.4
February	27.58	27.87	27.20	36.4	55.5	61.5	33.1	47.3	75	20	25	21	65	29	.138	.114	1.04	.60	2.6	3.5	3.6
March	27.51	27.77	27.17	43.4	64.9	69.8	40.0	54.9	86	24	29	24	61	26	.159	.132	1.17	.64	2.8	3.8	4.1
April	27.48	27.68	27.26	49.6	77.2	81.3	48.1	64.7	91	34	21	20	32	12	.115	.109	T.	T.	1.9	2.4	2.2
May	27.41	27.57	27.26	56.5	87.0	90.6	54.0	72.3	100	43	23	22	27	10	.127	.124	.05	.03	2.1	2.1	2.2
June	27.42	27.55	27.22	61.1	92.1	95.6	58.4	77.0	104	48	26	25	27	9	.147	.139	T.	T.	0.9	1.2	0.8
July	27.48	27.63	27.34	73.5	92.1	98.8	71.5	85.2	106	66	58	52	59	30	.481	.403	1.60	.65	3.7	5.7	4.5
August	27.48	27.61	27.35	72.3	87.4	93.9	71.2	82.6	100	64	61	56	69	38	.540	.464	1.01	.28	5.9	6.1	5.4
September	27.44	27.64	27.25	64.6	86.5	92.2	63.2	77.7	100	46	47	43	55	24	.344	.290	.12	.12	1.5	2.3	2.5
October	27.48	27.70	27.31	55.3	76.9	86.0	53.4	69.7	97	38	38	40	55	30	.247	.261	.31	.22	1.4	2.2	2.3
November	27.59	27.74	27.41	45.7	70.2	81.6	43.4	62.5	87	35	26	29	45	22	.138	.162	.00	.00	.1	.6	1.4
December	27.59	27.75	27.33	45.9	57.4	64.3	43.6	54.0	78	30	39	42	78	60	.250	.285	1.88	.74	5.4	6.5	6.8
Year	27.50	27.87	27.17	53.1	75.1	81.4	50.8	66.1	106	18	35	33	53	27	.234	.217	7.29	.74	2.5	3.3	3.3

VALENTINE, NEBR.

[λ = 42° 50′ N.; φ = 100° 32′ W.; gravity corr., —0.01.]

January	27.24	27.81	26.84	10.2	18.1	26.7	6.3	16.5	53	—38	5	12	78	76	.070	.087	1.09	.37	4.2	4.2	5.2
February	27.30	27.86	26.70	9.4	21.7	30.2	5.5	17.8	56	—15	3	14	73	69	.056	.088	.53	.42	2.5	3.2	4.1
March	27.19	27.82	26.73	27.8	39.7	48.0	24.3	36.2	77	— 4	20	25	74	58	.118	.141	1.08	.78	5.0	5.1	6.1
April	27.18	27.58	26.84	40.0	55.4	61.9	36.5	49.2	88	19	33	34	76	49	.200	.209	2.00	.52	4.8	4.9	6.4
May	27.22	27.63	26.62	52.2	68.0	74.1	47.6	60.8	95	35	40	39	66	39	.258	.243	.17	.14	2.7	4.2	5.2
June	27.19	27.49	26.80	62.5	75.9	83.7	57.0	70.4	95	44	51	48	69	43	.389	.344	2.36	.84	2.9	4.4	5.3
July	27.32	27.56	26.93	65.9	82.3	88.7	61.5	75.1	103	50	54	48	67	34	.422	.352	.97	.40	3.1	4.7	4.5
August	27.33	27.53	27.10	63.3	83.0	89.3	60.0	74.6	98	45	53	49	70	32	.405	.357	.33	.25	2.5	3.2	4.1
September	27.24	27.70	26.86	50.6	68.8	77.6	47.8	62.7	95	27	42	42	73	40	.276	.275	.36	.20	3.1	3.0	4.8
October	27.19	27.59	26.71	39.6	54.9	65.9	36.3	51.1	85	20	31	37	73	53	.176	.225	1.01	.57	2.8	2.5	4.3
November	27.34	27.77	26.80	30.0	38.4	49.9	23.7	36.8	78	6	22	24	71	58	.122	.134	.19	.10	4.2	3.2	5.5
December	27.32	28.03	26.72	19.7	32.0	44.3	16.5	30.4	66	—20	12	18	69	56	.077	.100	.05	.03	2.8	1.9	4.1
Year	27.26	28.03	26.62	39.2	53.2	61.7	35.2	48.5	103	—38	30	32	72	51	.214	.213	10.14	.84	3.4	3.7	5.0

VICKSBURG, MISS.

[λ = 32° 22′ N.; φ = 90° 53′ W.; gravity corr., —0.03.]

January	29.87	30.17	29.51	46.1	55.7	63.1	43.0	53.0	76	16	40	42	79	63	.276	.297	6.23	1.99	5.0	4.5	5.5
February	29.87	30.25	29.33	44.2	51.9	56.4	41.1	48.8	75	27	37	39	78	65	.248	.267	5.83	2.13	7.0	6.0	5.9
March	29.83	30.35	29.46	53.9	64.7	70.9	51.3	61.0	84	27	48	48	82	56	.369	.364	6.27	1.56	5.5	4.4	3.5
April	29.77	30.12	29.54	61.0	71.0	76.5	57.9	67.2	86	48	53	53	76	56	.430	.425	4.62	1.86	4.2	3.9	3.5
May	29.70	29.97	29.50	67.1	74.8	81.7	63.1	72.4	88	50	61	62	82	65	.553	.564	6.71	2.25	4.4	4.5	3.0
June	29.78	29.92	29.61	71.9	79.8	86.8	67.5	77.2	96	54	65	65	80	62	.637	.621	.91	.75	4.5	4.6	3.5
July	29.77	29.92	29.63	73.9	80.6	87.6	69.5	78.6	100	62	69	70	85	71	.711	.731	7.99	1.78	4.5	5.0	3.0
August	29.75	29.86	29.58	73.4	78.6	86.6	70.4	78.5	94	65	70	70	88	77	.724	.749	2.29	.67	5.5	6.5	3.9
September	29.78	29.97	29.60	69.9	76.4	85.2	66.6	75.9	92	51	66	67	87	73	.653	.667	2.75	.90	3.7	3.5	2.6
October	29.77	29.99	29.53	58.0	70.0	77.6	55.5	66.6	89	42	48	50	72	49	.362	.377	1.56	.72	1.9	1.2	1.1
November	29.94	30.15	29.68	47.2	58.6	66.1	44.9	55.5	80	30	40	40	77	53	.263	.270	2.36	1.63	4.4	2.2	2.8
December	29.93	30.45	29.28	46.1	53.1	60.7	43.4	52.0	76	15	41	40	84	63	.290	.278	6.41	1.83	5.8	3.2	4.7
Year	29.81	30.45	29.28	59.4	67.9	74.9	56.2	65.6	100	15	53	54	81	63	.460	.468	53.93	2.25	4.7	4.1	3.6

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

TOPEKA, KANS.

[H = — ft.; h_t = 81 ft.; h_r = 73 ft.; h_a = 89 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		Mi.																								
January	.....	N.	.....	.....	.....	8	0	3	5	6	0	3	5	1	12	12	7	5	3	2	0	1	8	0	25	0	0
February	.....	S.	.....	.....	.....	6	2	2	1	8	1	5	2	1	8	13	7	4	3	4	0	2	12	0	24	0	0
March	.....	N.	.....	.....	.....	10	1	1	6	8	2	0	3	0	14	11	6	4	3	0	1	0	0	0	10	2	0
April	.....	SE.	.....	.....	.....	2	1	4	8	7	3	2	3	0	9	16	5	12	8	0	1	1	0	0	0	6	0
May	.....	S.	.....	.....	.....	7	6	3	1	10	1	2	1	0	15	12	4	8	8	0	0	0	0	0	0	6	0
June	.....	S.	.....	.....	.....	2	1	2	4	14	3	4	0	0	16	8	6	12	10	0	3	0	0	6	0	8	0
July	.....	S.	.....	.....	.....	2	3	7	7	8	4	0	0	0	19	9	3	5	3	0	0	0	0	13	0	4	0
August	.....	SE.	.....	.....	.....	3	2	4	9	8	1	1	3	0	22	9	0	3	1	0	0	0	0	19	0	3	0
September	.....	SE.	.....	.....	.....	3	1	3	10	8	2	0	3	0	15	11	4	12	11	0	1	1	0	3	0	9	0
October	.....	S.	.....	.....	.....	2	3	0	4	8	5	2	7	0	18	7	5	10	6	0	0	0	0	0	1	2	0
November	.....	N.	.....	.....	.....	7	2	2	3	6	1	2	7	0	13	13	4	3	2	0	0	2	0	0	15	0	0
December	.....	S.	.....	.....	.....	5	1	1	2	9	2	5	6	0	19	5	7	3	2	1	0	2	3	0	18	0	0
Year	.....	S.	.....	.....	.....	57	23	32	60	100	25	26	40	2	181	126	58	81	60	7	6	9	23	41	93	40	0

TUCSON, ARIZ.

[H = 2,390 ft.; h_t = 11 ft.; h_r = 4 ft.; h_a = 42 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.7	NW.	34	SW.	0	2	2	3	12	15	6	3	19	0	21	6	4	2	2	0	0	0	0	0	21	0	0
February	8.6	NW.	60	SW.	2	1	3	3	12	5	5	5	22	0	19	6	3	4	4	2	0	0	0	0	15	0	0
March	8.3	SE.	51	S.	1	1	2	4	17	8	11	2	16	1	17	5	9	7	5	2	0	0	0	0	5	0	0
April	8.1	NW.	40	SW.	1	1	2	4	17	7	5	2	21	1	23	7	0	0	0	0	0	0	0	1	0	0	0
May	7.6	SE.	34	SW.	0	0	1	1	20	7	15	5	13	0	23	7	1	3	0	0	0	0	0	19	0	2	0
June	7.3	SE.	37	SW.	0	0	0	0	21	5	13	12	8	1	27	3	0	0	0	0	0	0	0	27	0	1	0
July	4.9	NW.	36	SE.	0	3	2	4	15	9	9	2	18	0	12	18	1	12	8	0	0	0	0	31	0	12	0
August	4.9	SE.	34	SW.	0	0	2	3	22	4	5	3	10	3	10	12	9	13	7	0	0	0	0	26	0	10	0
September	5.4	SE.	26	SW.	0	0	0	1	23	7	7	5	16	1	19	10	1	1	1	0	0	0	0	20	0	1	0
October	4.3	NW.	24	SE.	0	2	0	4	8	20	7	0	21	0	23	6	2	5	2	0	0	0	0	11	0	1	0
November	4.2	S.	20	E.	0	0	0	8	15	16	0	5	14	2	28	2	0	0	0	0	0	0	0	0	0	0	0
December	3.9	NW.	20	S.	0	3	0	8	13	10	3	4	16	5	6	10	15	9	6	0	0	0	0	0	1	1	0
Year	6.2	SE.	60	SW.	4	13	14	43	205	113	86	48	194	14	228	92	45	56	35	4	0	0	0	135	42	28	0

VALENTINE, NEBR.

[H = 2,613 ft.; h_t = 37 ft.; h_r = 26 ft.; h_a = 38 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.7	NW.	48	NW.	2	9	2	2	1	3	7	18	18	2	13	10	8	9	6	9	0	0	17	0	29	0	0
February	10.3	NW.	36	NW.	0	3	2	2	3	1	10	17	18	0	17	8	3	6	2	6	0	0	13	0	28	0	1
March	13.8	N.	48	NW.	4	15	2	1	6	6	9	10	13	0	6	16	9	5	3	4	0	0	7	0	22	0	0
April	15.2	N.	52	NW.	6	15	2	4	11	8	1	8	11	0	4	17	9	13	8	0	0	0	0	0	9	5	0
May	12.9	N.	48	NW.	2	11	9	2	9	7	7	6	10	1	8	20	3	4	1	0	0	0	0	3	0	1	0
June	12.8	S.	44	S.	6	1	10	3	5	24	6	7	4	0	7	19	4	10	8	0	0	0	0	3	0	6	0
July	9.6	S.	48	S.	3	6	4	4	6	20	12	7	3	0	9	21	1	8	7	0	2	0	0	13	0	5	0
August	9.7	S.	48	NE.	1	9	10	5	6	13	4	10	2	3	15	14	2	4	2	0	0	0	0	14	0	2	0
September	12.3	S.	36	S.	0	14	1	3	2	16	4	5	13	2	9	17	4	3	2	0	0	0	0	3	2	2	0
October	13.0	NW.	48	N.	6	5	4	1	2	11	4	12	22	1	14	13	4	4	4	0	0	0	0	0	9	2	0
November	11.6	NW.	48	NW.	5	9	1	2	1	7	6	16	17	1	8	15	7	4	2	1	0	0	3	0	24	0	0
December	9.3	W.	48	W.	5	4	1	2	0	4	15	20	14	2	16	12	3	2	0	2	0	0	6	0	26	0	0
Year	11.6	NW.	52	NW.	40	101	48	31	52	120	85	136	145	12	126	182	57	72	45	22	2	0	46	36	149	23	1

VICKSBURG, MISS.

[H = 254 ft.; h_t = 65 ft.; h_r = 58 ft.; h_a = 73 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	7.4	SE.	46	SW.	1	8	9	6	24	3	6	1	5	0	13	6	12	12	11	0	1	2	0	0	5	1	0
February	9.4	NE.	36	SW.	0	8	10	7	11	6	4	4	5	1	9	6	13	17	11	1	0	2	0	0	7	2	0
March	9.2	SE.	47	NW.	1	7	6	7	22	9	8	0	3	0	17	9	5	15	12	0	2	0	0	0	2	6	0
April	7.8	SE.	39	NW.	0	1	6	9	17	9	6	5	7	0	16	9	5	9	9	0	0	1	0	0	0	7	0
May	6.8	SW.	36	E.	0	7	7	10	5	8	14	5	5	1	22	7	2	13	10	0	1	0	0	0	0	7	0
June	5.7	W.	32	E.	0	2	9	13	2	8	10	13	3	0	15	12	3	4	3	0	0	0	0	7	0	8	0
July	5.2	SE.	36	NW.	0	11	4	6	13	4	10	6	5	3	20	9	2	14	11	0	0	0	0	7	0	8	0
August	4.2	SW.	28	N.	0	4	6	7	10	5	12	8	5	5	12	18	1	11	8	0	0	1	0	5	0	7	0
September	5.1	SE.	26	SW.	0	12	13	6	16	4	0	1	1	7	21	6	3	9	8	0	0	0	0	2	0	3	0
October	5.9	E.	32	W.	0	10	11	11	6	7	4	5	6	2	27	4	0	3	3	0	0	1	0	0	0	1	0
November	6.4	SE.	33	NW.	0	10	11	6	18	5	5	1	2	2	20	7	3	5	4	0	1	1	0	0	1	1	0
December	6.8	N.	29	NW.	0	12	8	6	9	7	9	3	7	1	13	10	8	12	12	0	0	1	1	0	5	2	0
Year	6.7	SE.	47	NW.	2	92	100	94	153	75	88	52	54	22	205	103	57	124	102	1	5	9	1	21	20	53	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

VINEYARD HAVEN, MASS.

[λ = 41° 26′ N.; φ = 70° 43′ W.; gravity corr., —.]

Month.	Pressure.			Temperature.							Moisture.											
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	.....	.....	.....	.....	.....	42.2	29.0	35.6	58	8	.....	.....	.....	.....	.....	.....	5.51	2.70	.....	.....	.....
February	.....	.....	.....	.....	.....	38.3	24.5	31.4	50	3	.....	.....	.....	.....	.....	.....	4.06	1.03	.....	.....	.....
March	.....	.....	.....	.....	.....	50.1	35.9	43.0	60	22	.....	.....	.....	.....	.....	.....	2.28	.59	.....	.....	.....
April	.....	.....	.....	.....	.....	53.4	39.0	46.2	69	25	.....	.....	.....	.....	.....	.....	4.70	1.55	.....	.....	.....
May	.....	.....	.....	.....	.....	65.8	48.6	57.2	81	41	.....	.....	.....	.....	.....	.....	4.78	1.34	.....	.....	.....
June	.....	.....	.....	.....	.....	75.0	58.6	66.8	88	47	.....	.....	.....	.....	.....	.....	1.47	.74	.....	.....	.....
July	.....	.....	.....	.....	.....	81.3	65.8	73.6	91	58	.....	.....	.....	.....	.....	.....	1.47	.90	.....	.....	.....
August	.....	.....	.....	.....	.....	76.2	61.9	69.0	83	54	.....	.....	.....	.....	.....	.....	1.74	1.20	.....	.....	.....
September	.....	.....	.....	.....	.....	73.3	60.6	67.0	84	52	.....	.....	.....	.....	.....	.....	3.00	1.77	.....	.....	.....
October	.....	.....	.....	.....	.....	62.4	50.9	56.6	72	41	.....	.....	.....	.....	.....	.....	10.88	4.42	.....	.....	.....
November	.....	.....	.....	.....	.....	51.0	36.6	43.8	65	20	.....	.....	.....	.....	.....	.....	5.73	3.90	.....	.....	.....
December	.....	.....	.....	.....	.....	45.5	31.3	38.4	59	13	.....	.....	.....	.....	.....	.....	6.87	2.89	.....	.....	.....
Year	.....	.....	.....	.....	.....	59.5	45.2	52.4	91	3	.....	.....	.....	.....	.....	.....	52.49	4.42	.....	.....	.....

WALLA WALLA, WASH.

[λ = 46° 2′ N.; φ = 118° 20′ W.; gravity corr., 0.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	28.94	29.42	28.37	33.1	34.9	39.9	27.5	33.7	60	11	30	31	89	86	.178	.183	4.99	.98	7.9	6.8	7.5
February	29.03	29.66	28.52	30.2	36.4	39.9	26.0	33.0	55	6	26	31	86	82	.148	.179	1.74	.43	6.5	6.7	5.8
March	28.91	29.44	28.43	39.2	49.6	53.0	35.8	44.4	68	28	34	39	82	68	.201	.239	3.75	.76	7.2	6.7	6.3
April	29.00	29.30	28.49	44.4	58.3	61.1	42.2	51.6	80	33	36	39	74	50	.217	.248	2.19	.64	5.4	6.0	5.6
May	28.89	29.29	28.52	52.1	67.7	70.5	48.3	59.4	92	35	44	47	75	50	.302	.335	1.85	.46	5.1	5.4	4.9
June	28.88	29.16	28.55	56.5	71.1	74.9	52.9	63.9	93	41	46	46	70	43	.322	.321	.83	.26	5.8	6.2	4.9
July	28.95	29.14	28.72	64.4	87.7	89.8	61.2	75.5	99	51	46	45	53	24	.319	.307	.03	.03	2.5	2.7	2.7
August	28.90	29.12	28.65	64.8	89.3	91.2	62.4	76.8	108	48	45	46	49	23	.298	.312	.03	.01	2.4	2.0	2.8
September	28.91	29.18	28.49	54.9	69.4	72.5	52.0	62.2	92	39	45	47	70	47	.302	.326	1.05	.32	5.3	4.9	5.1
October	28.93	29.27	28.53	48.3	58.3	63.1	44.2	53.6	82	34	41	44	75	62	.259	.301	2.48	.62	4.7	5.8	5.2
November	29.10	29.46	28.71	44.6	49.5	53.4	41.1	47.2	68	26	38	40	79	72	.232	.256	.75	.32	5.9	5.8	6.4
December	29.00	29.57	28.17	32.4	35.9	40.5	29.1	34.8	59	14	27	29	83	79	.150	.161	.80	.20	6.0	6.9	6.6
Year	28.95	29.66	28.17	47.1	59.0	62.5	43.6	53.0	108	6	38	40	74	57	.244	.264	20.49	.98	5.4	5.5	5.3

WASHINGTON, D. C.

[λ = 38° 54′ N.; φ = 77° 3′ W.; gravity corr., — 0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	30.08	30.54	29.35	33.2	39.1	44.4	31.1	37.8	58	17	28	31	81	73	.160	.180	2.14	1.06	7.0	4.8	5.7
February	30.03	30.71	29.41	31.7	36.6	42.2	28.2	35.2	60	12	26	27	77	69	.149	.153	4.64	1.56	7.4	4.6	5.4
March	30.02	30.51	29.55	42.7	50.5	58.5	38.5	48.5	83	20	34	36	73	59	.216	.226	.98	.32	5.0	3.3	4.0
April	29.95	30.32	29.42	49.5	54.4	62.3	44.0	53.2	83	30	38	40	66	61	.242	.269	3.34	1.42	5.2	3.5	4.4
May	29.83	30.34	29.41	63.4	66.2	75.7	56.1	65.9	88	41	54	54	73	67	.429	.431	4.03	1.32	5.7	5.4	4.9
June	29.91	30.19	29.58	70.4	74.7	84.4	62.8	73.6	98	46	60	62	70	65	.537	.568	1.24	.87	3.1	4.5	3.1
July	29.92	30.11	29.63	74.1	78.1	88.1	67.7	77.9	97	54	64	64	73	63	.618	.602	2.14	.84	4.2	4.3	3.5
August	29.92	30.10	29.73	69.8	73.8	83.2	64.7	74.0	92	54	63	64	80	71	.587	.593	2.00	.86	5.1	4.9	4.5
September	29.99	30.41	29.62	66.9	71.5	80.0	62.9	71.4	95	47	61	62	81	72	.551	.568	1.53	1.11	5.3	5.2	4.7
October	29.91	30.28	29.35	53.7	56.9	66.6	49.2	57.9	84	36	47	48	78	74	.331	.350	3.14	1.78	5.4	3.8	4.6
November	30.04	30.64	29.62	39.8	44.1	51.4	36.5	44.0	68	21	32	32	74	62	.193	.189	1.52	.64	4.5	3.7	3.4
December	30.06	30.34	29.39	32.4	37.5	44.9	29.8	37.4	60	6	27	28	81	70	.156	.165	4.15	1.58	5.5	3.6	4.7
Year	29.97	30.71	29.35	52.3	57.0	65.1	47.6	56.4	98	6	44	46	76	67	.347	.358	30.85	1.78	5.3	4.3	4.4

WICHITA, KANS.

[λ = 37° 41′ N.; φ = 97° 20′ W.; gravity corr., — 0.02.]

Month.	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
January	28.61	29.18	28.16	24.5	34.7	42.7	21.5	32.1	72	—12	18	22	78	60	.112	.144	.76	.73	3.9	2.4	3.7
February	28.68	29.22	28.01	21.9	31.8	36.9	19.1	28.0	60	1	18	23	85	69	.107	.128	1.01	.71	5.3	4.7	5.2
March	28.55	29.16	28.15	39.8	52.8	60.4	37.5	49.0	80	13	30	32	68	48	.190	.212	.72	.38	3.3	3.7	3.9
April	28.50	28.96	28.18	51.0	64.9	72.5	47.4	60.0	85	33	41	42	69	46	.283	.295	3.33	1.45	4.5	2.7	3.5
May	28.53	28.92	28.18	59.4	71.8	77.3	55.3	66.3	88	38	50	49	72	48	.377	.379	2.02	.87	5.1	4.0	4.4
June	28.53	28.80	28.23	67.9	80.0	87.5	62.8	75.2	101	46	60	59	76	52	.526	.520	9.43	4.07	3.7	4.0	3.7
July	28.60	28.77	28.41	70.1	83.8	90.6	65.9	78.2	104	56	60	59	70	46	.516	.513	1.72	1.38	3.9	3.0	3.4
August	28.60	28.79	28.45	69.4	84.8	91.7	66.8	79.2	100	53	59	55	71	38	.511	.442	.94	.48	3.0	2.6	3.2
September	28.54	28.96	28.20	62.8	73.3	81.5	60.0	70.8	99	40	55	55	77	55	.458	.453	9.72	3.10	4.4	3.9	4.2
October	28.53	28.87	28.11	50.9	63.8	74.1	48.8	61.4	86	32	42	42	70	46	.274	.282	2.01	1.46	3.1	1.8	2.1
November	28.70	29.05	28.04	35.2	48.6	58.5	33.4	46.0	82	10	22	24	59	40	.127	.132	.01	.01	2.5	2.6	3.0
December	28.70	29.33	28.04	30.1	40.2	48.0	27.7	37.8	74	—10	22	26	73	60	.132	.158	.75	.46	4.7	2.4	3.6
Year	28.59	29.33	28.01	48.6	60.9	68.5	45.5	57.0	104	—12	40	41	72	51	.301	.305	32.44	4.07	4.0	3.2	3.7

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

VINEYARD HAVEN, MASS.

[H = — ft.; h_t = 20 ft.; h_r = 3 ft.; h_a = 55 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles.		*Mi.*																								
January	10.5	NW.	....	....	....	3	4	3	2	1	6	3	8	1	11	5	15	15	12	4	0	3	1	0	20	0	0
February	11.5	NW.	....	....	....	3	3	3	0	1	8	2	8	0	10	3	15	13	13	8	0	3	5	0	20	0	0
March	9.5	SW.	....	....	....	1	1	3	1	4	11	6	4	0	9	10	12	11	10	3	0	6	0	0	5	0	2
April	13.3	SW.	....	....	....	4	6	0	3	1	13	2	1	0	12	3	15	13	11	4	0	4	0	0	1	0	0
May	9.6	SW.	....	....	....	0	0	3	5	5	16	2	0	0	16	3	12	9	8	0	0	7	0	0	0	1	0
June	10.0	SW.	....	....	....	1	2	1	1	1	23	1	0	0	12	4	14	8	7	0	0	6	0	0	0	4	0
July	9.2	SW.	....	....	....	0	3	0	1	1	23	2	1	0	17	6	8	5	5	0	1	1	0	1	0	3	0
August	7.6	SW.	....	....	....	2	5	1	3	6	12	1	1	0	12	7	12	7	5	0	0	2	0	0	0	2	0
September	9.2	SW.	....	....	....	2	1	8	0	1	15	2	1	0	7	12	11	7	6	0	0	4	0	0	0	0	0
October	12.2	SW.	....	....	....	2	5	4	2	2	10	2	4	0	11	4	16	13	10	0	0	2	0	0	0	1	0
November	11.8	SW.	....	....	....	3	3	1	2	2	9	2	8	0	10	4	16	15	14	3	1	0	1	0	7	0	0
December	10.0	NW.	....	....	....	4	4	2	2	2	4	3	10	0	11	6	14	11	10	2	0	1	1	0	13	0	0
Year	10.4	SW.	....	....	....	25	37	29	22	27	150	28	46	1	138	67	160	127	111	24	2	39	8	1	66	11	2

WALLA WALLA, WASH.

[H = 1,018 ft.; h_t = 65 ft.; h_r = 56 ft.; h_a = 73 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.7	S.	38	SE.	0	4	5	0	6	33	10	3	1	0	3	8	20	21	17	12	0	4	8	0	19	0	0
February	7.0	S.	35	SW.	0	3	1	7	1	23	17	4	0	0	5	16	7	13	10	5	0	0	7	0	18	0	0
March	7.9	S.	36	SW.	0	6	1	3	0	21	16	6	3	0	4	17	10	19	16	4	1	0	0	0	5	0	0
April	7.3	S.	29	SW.	0	2	3	2	5	26	16	3	3	0	6	16	8	14	12	0	1	0	0	0	0	0	0
May	6.4	S.	26	SW.	0	4	1	9	3	21	12	10	2	0	12	11	8	11	7	0	0	0	0	2	0	1	0
June	7.5	S.	32	NE.	0	5	2	3	1	25	20	4	0	0	8	17	5	12	6	0	0	0	0	1	0	1	0
July	5.5	S.	34	W.	0	4	5	4	8	17	12	10	2	0	24	7	0	1	0	0	0	0	0	19	0	1	0
August	4.7	S.	25	W.	0	14	3	3	3	17	9	6	7	0	24	7	0	3	0	0	0	0	0	19	0	1	1
September	6.3	S.	30	SW.	0	2	3	5	5	22	18	4	1	0	11	14	5	10	8	0	0	0	0	2	0	0	0
October	5.8	S.	28	SW.	0	4	2	7	7	23	16	1	2	0	10	14	7	17	14	0	0	0	0	0	0	0	0
November	5.4	S.	26	S.	0	3	1	4	5	25	13	4	5	0	6	10	14	11	5	0	0	3	0	0	1	0	0
December	6.5	S.	37	E.	0	2	2	7	7	26	12	4	2	0	4	13	14	11	8	2	0	4	9	0	19	0	0
Year	6.4	S.	38	SE.	0	53	29	54	57	279	171	59	28	0	117	150	98	143	103	23	2	11	24	43	62	4	1

WASHINGTON, D. C.

[H = 112 ft.; h_t = 59 ft.; h_r = 42 ft.; h_a = 76 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	6.4	S.	46	NW.	1	6	9	1	3	14	5	4	13	7	15	1	15	14	9	3	0	0	2	0	16	0	1
February	7.9	NW.	38	NW.	0	12	10	4	4	5	3	3	10	5	11	7	10	15	10	8	0	0	3	0	19	0	0
March	7.4	NW.	37	NW.	0	7	5	3	11	9	3	3	18	3	15	10	6	7	6	0	0	0	0	0	8	3	2
April	8.7	NW.	34	NW.	0	7	3	2	9	12	4	2	21	0	15	7	8	10	7	1	1	0	0	0	1	3	0
May	6.5	S.	47	NW.	1	2	15	4	8	13	4	8	8	0	14	4	13	15	13	0	1	0	0	0	0	9	0
June	5.4	SW.	30	NE.	0	4	4	5	4	11	14	5	11	2	19	9	2	5	4	0	0	0	0	9	0	9	0
July	5.4	S.	26	NW.	0	8	4	4	6	25	8	3	4	0	15	12	4	9	8	0	0	0	0	13	0	6	0
August	4.3	S.	26	SW.	0	8	14	4	7	17	4	2	3	3	11	14	6	8	6	0	0	0	0	4	0	7	0
September	5.6	NE.	27	NW.	0	8	15	5	7	9	6	2	5	3	14	7	9	9	7	0	0	0	0	4	0	2	0
October	6.6	NW.	30	NW.	0	13	6	3	5	6	4	6	14	5	17	3	11	10	7	0	0	1	0	0	0	1	0
November	7.8	S.	38	NW.	0	5	3	3	3	19	3	8	15	1	19	5	6	9	7	0	0	2	0	0	8	0	0
December	6.2	NW.	34	NW.	0	9	9	2	1	11	2	6	16	6	14	8	9	11	8	2	0	2	3	0	19	0	1
Year	6.5	S.	47	NW.	2	89	97	40	68	151	60	52	138	35	179	87	99	122	92	14	2	5	8	30	71	40	4

WICHITA, KANS.

[H = 1,366 ft.; h_t = 78 ft.; h_r = 71 ft.; h_a = 85 ft.]

Month.	Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	9.5	S.	37	N.	0	15	9	1	2	27	1	2	5	0	17	8	6	3	1	1	1	1	8	0	23	0	0
February	10.6	N.	37	N.	0	20	8	0	1	16	2	1	7	1	13	4	11	6	2	5	0	2	13	0	23	0	0
March	12.3	S.	39	N.	0	15	4	4	6	22	4	3	4	0	15	10	6	4	3	0	1	0	1	0	10	2	0
April	11.4	S.	40	N.	1	7	3	6	10	16	5	2	9	2	16	10	4	6	6	0	1	0	0	0	0	7	0
May	8.7	S.	34	SW.	0	12	10	6	10	15	1	0	5	3	13	9	9	5	4	0	0	0	0	0	0	5	0
June	8.8	S.	33	SW.	0	3	9	1	12	23	8	3	0	1	17	7	6	10	9	0	2	0	0	11	0	10	0
July	6.7	SE.	25	S.	0	5	13	9	15	14	4	0	1	1	18	7	6	5	4	0	0	0	0	17	0	5	0
August	5.4	S.	27	E.	0	5	6	11	11	18	5	0	4	2	22	4	5	3	3	0	0	0	0	22	0	3	0
September	9.0	S.	31	NW.	0	8	5	3	19	21	1	0	1	2	16	8	6	12	12	0	1	0	0	6	0	11	0
October	8.8	S.	34	SW.	0	8	3	2	10	21	5	2	11	0	24	6	1	4	4	0	0	0	0	0	0	4	0
November	10.1	N.	43	N.	1	17	6	5	1	15	10	2	4	0	21	2	7	1	0	0	0	1	0	0	11	1	0
December	9.8	S.	33	S.	0	13	8	0	4	18	5	0	13	1	22	4	5	6	4	3	0	2	6	0	17	0	0
Year	9.3	S.	43	N.	2	128	84	48	101	226	51	15	64	13	214	79	72	65	52	9	6	6	28	56	84	48	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

WILLISTON, N. DAK.

[λ = 48° 9′ N.; φ = 103° 35′ W.; gravity corr., +0.01.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	27.96	28.69	27.39	−1.2	3.4	11.2	−9.0	1.1	47	−36	−8	−4	73	70	.043	.046	.88	.62	4.6	5.9	5.4
February	27.98	28.57	27.39	1.7	12.0	17.9	−3.7	7.1	44	−28	−6	5	66	69	.039	.064	.20	.20	3.8	5.7	4.8
March	27.93	28.64	27.40	19.1	26.9	32.1	15.4	23.8	52	−13	12	19	73	70	.085	.106	2.23	1.12	6.8	7.1	6.5
April	27.91	28.26	27.51	38.7	50.7	55.9	35.3	45.6	71	25	30	34	70	55	.170	.199	2.07	.66	6.6	7.3	6.8
May	27.93	28.44	27.41	48.8	62.2	66.5	43.0	54.8	81	30	36	38	64	44	.221	.240	3.15	1.20	5.7	6.1	5.6
June	27.84	28.26	27.54	59.9	73.9	77.5	54.4	66.0	88	40	47	48	65	43	.337	.346	4.68	1.13	5.8	6.3	5.8
July	27.98	28.25	27.66	64.2	83.0	86.2	56.8	71.5	100	46	47	44	54	26	.329	.294	.02	.02	3.3	4.9	4.2
August	28.02	28.29	27.60	60.6	81.1	86.0	55.5	70.8	94	43	46	45	59	30	.310	.304	.73	.43	5.0	5.2	5.4
September	27.90	28.41	27.44	45.0	62.2	68.0	40.8	54.4	89	24	34	33	67	37	.203	.198	1.50	.46	5.6	5.4	5.9
October	27.85	28.24	27.32	35.6	46.7	55.6	31.4	43.5	72	21	26	28	68	50	.140	.154	1.05	.42	5.5	5.3	5.6
November	28.00	28.58	27.35	23.3	29.2	37.6	19.1	28.4	61	−10	15	17	67	58	.093	.100	.85	.32	5.8	5.6	6.1
December	27.98	28.84	27.32	13.7	19.0	27.4	8.6	18.0	47	−21	7	12	74	73	.062	.079	.40	.38	5.5	3.6	4.9
Year	27.94	28.84	27.32	34.1	45.9	51.8	29.0	40.4	100	−36	24	27	67	52	.169	.178	17.76	1.20	5.3	5.7	5.6

WILMINGTON, N. C.

[λ = 34° 14′ N.; φ = 77° 57′ W.; gravity corr., −0.03.]

January	30.12	30.45	29.66	44.4	49.3	57.6	41.6	49.6	75	31	40	44	87	81	.265	.294	3.70	1.15	6.4	4.9	5.5
February	30.08	30.53	29.53	46.0	50.5	59.2	42.1	50.6	76	25	41	45	84	83	.281	.317	3.53	1.47	6.6	6.5	6.4
March	30.08	30.54	29.73	54.5	57.5	68.5	50.8	59.6	87	27	50	51	84	80	.384	.396	2.27	.90	4.5	2.6	3.6
April	30.02	30.31	29.58	58.1	60.4	69.6	52.3	61.0	84	41	50	52	77	75	.385	.404	.78	.26	3.1	3.3	3.6
May	29.92	30.30	29.45	69.2	69.7	78.7	62.3	70.5	90	49	62	65	79	86	.573	.629	4.86	1.71	3.5	4.6	4.0
June	30.02	30.22	29.75	72.7	74.2	83.9	66.9	75.4	94	53	68	69	85	84	.699	.714	3.06	1.54	4.3	3.6	4.0
July	30.01	30.20	29.74	76.2	76.3	84.0	71.3	77.6	91	62	73	74	90	92	.822	.839	9.08	2.50	5.8	5.8	5.5
August	29.96	30.09	29.84	75.0	77.0	85.4	70.8	78.1	95	65	72	74	90	91	.789	.845	4.22	2.43	4.5	3.9	4.5
September	29.97	30.30	29.37	72.9	74.6	82.9	68.9	75.9	94	63	69	70	86	86	.709	.747	6.34	1.81	4.6	4.4	4.9
October	29.95	30.26	29.18	61.4	64.1	73.4	57.1	65.2	87	45	55	57	81	78	.457	.479	4.58	2.14	3.4	2.5	3.1
November	30.12	30.59	29.70	49.0	53.4	62.9	45.3	54.1	76	29	42	45	79	76	.303	.331	1.97	.81	3.1	2.5	3.4
December	30.10	30.41	29.70	42.9	48.8	57.0	41.1	49.0	74	14	37	41	81	75	.245	.283	.78	.32	4.8	3.8	4.2
Year	30.03	30.59	29.18	60.2	63.0	71.9	55.9	63.9	95	14	55	57	84	82	.493	.523	45.18	2.50	4.6	4.0	4.4

WINNEMUCCA, NEV.

[λ = 40° 58′ N.; φ = 117° 43′ W.; gravity corr., −0.01.]

January	25.66	26.02	25.32	25.1	34.1	38.5	21.9	30.2	54	−8	18	20	74	56	.102	.114	.92	.28	5.3	7.7	7.4
February	25.68	26.08	25.26	20.0	32.1	35.4	15.8	25.6	52	−8	14	19	78	57	.084	.103	.95	.26	5.3	6.9	6.2
March	25.61	26.04	25.12	32.6	47.3	50.4	29.1	39.8	68	17	20	18	60	34	.111	.101	.38	.12	5.9	8.1	7.6
April	25.67	25.95	25.33	36.5	57.0	59.5	33.7	46.6	77	23	21	13	53	22	.113	.087	.82	.36	5.7	5.9	5.7
May	25.58	25.82	25.25	45.0	66.5	68.4	42.4	55.4	84	25	31	20	61	21	.185	.115	1.52	.74	5.3	5.8	5.0
June	25.60	25.79	25.39	46.9	67.1	69.9	45.7	57.8	84	31	37	26	60	26	.220	.150	2.15	.86	5.1	7.2	6.2
July	25.71	25.86	25.56	57.4	84.2	87.4	55.6	71.5	94	49	35	29	47	17	.217	.174	.39	.22	2.1	4.1	3.2
August	25.67	25.81	25.50	57.8	86.3	88.0	55.3	71.6	96	44	31	26	38	11	.184	.144	.06	.06	2.9	4.4	3.6
September	25.66	25.92	25.24	44.8	71.0	73.1	41.3	57.2	84	26	22	20	42	17	.124	.109	.52	.48	2.8	3.4	3.3
October	25.69	26.01	25.34	38.7	61.4	65.0	34.9	50.0	78	22	24	23	55	26	.131	.130	.42	.15	3.2	4.2	3.9
November	25.83	26.07	25.40	30.6	52.6	59.0	24.5	41.8	71	6	15	16	53	22	.881	.917	.06	.06	3.3	4.5	4.3
December	25.66	26.10	25.10	19.9	29.7	34.6	16.0	25.3	48	−11	14	19	80	66	.086	.103	1.93	.32	5.7	7.0	6.6
Year	25.67	26.10	25.10	37.9	57.4	60.8	34.7	47.7	96	−11	24	21	59	31	.203	.187	10.12	.86	4.4	5.8	5.2

WOODS HOLL, MASS.

[λ=41° 33′ N.; φ=70° 40′ W.; gravity corr., −10.01.]

January	30.10*	30.66	28.70	.....	33.5	38.0	27.7	32.8	53	9	....	26	....	74	.....	.153	5.07	2.56	.....	4.8	6.4
February	30.10	30.73	29.16	.....	29.4	34.0	23.6	28.8	47	−1	....	23	....	77	.....	.135	4.69	1.10	.....	5.2	6.2
March	30.04	30.44	29.75	.....	39.0	45.1	33.9	39.5	53	22	....	33	....	79	.....	.191	1.81	.49	.....	3.5	5.2
April	30.00	30.32	29.63	.....	43.0	48.7	37.7	43.2	58	25	....	36	....	77	.....	.216	3.97	1.64	.....	5.7	6.1
May	29.94	30.38	29.55	.....	53.7	60.5	48.4	54.4	73	41	....	48	....	82	.....	.335	3.52	1.07	.....	4.5	5.7
June	29.95	30.21	29.66	.....	61.7	67.3	57.3	62.3	81	48	....	58	....	86	.....	.484	1.23	.58	.....	4.0	5.8
July	29.97	30.18	29.78	.....	68.9	74.5	64.6	69.6	83	57	....	65	....	87	.....	.618	.68	.49	.....	4.8	4.5
August	29.99	30.17	29.81	.....	66.7	72.0	62.3	67.2	77	54	....	61	....	83	.....	.550	1.31	.91	.....	4.3	5.5
September	30.08	30.51	29.68	.....	64.7	70.5	60.5	65.5	77	48	....	60	....	84	.....	.526	2.24	1.46	.....	4.4	5.2
October	29.96	30.35	29.21	.....	55.7	61.0	50.3	55.6	70	42	....	48	....	76	.....	.345	9.29	3.80	.....	4.5	5.6
November	30.02	30.63	29.29	.....	42.7	47.1	35.8	41.4	64	17	....	35	....	73	.....	.216	3.87	1.96	.....	4.9	5.4
December	30.08	30.41	29.38	.....	35.8	39.8	29.3	34.6	56	11	....	28	....	74	.....	.165	5.63	2.32	.....	4.8	5.2
Year	30.02	30.73	28.70	.....	49.6	54.9	44.3	49.6	83	−1	....	43	....	79	.....	.328	43.31	3.80	.....	4.6	5.6

* Values in this column are from observations at 8 p. m. only.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

WILLISTON, N. DAK.

[H = 1,875 ft.; h_t = 15 ft.; h_r = 22 ft.; h_a = 31 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Auroras.
	Miles		*Mi.*																								
January	8.2	W.	54	W.	2	9	2	4	11	8	7	14	7	0	10	9	12	5	5	5	0	0	25	0	30	0	2
February	10.2	SW.	46	W.	1	5	1	4	6	11	14	10	5	0	11	10	7	1	1	1	0	0	20	0	28	0	3
March	11.5	N.	54	NW.	3	13	2	3	11	11	3	11	8	0	7	8	16	8	7	7	0	0	12	0	28	0	0
April	12.8	SE.	48	NW.	2	15	6	6	16	3	3	3	8	0	4	10	16	10	9	3	0	0	0	0	13	0	0
May	14.4	SE.	52	W.	6	7	12	5	16	5	2	12	3	0	13	4	14	14	9	1	0	0	0	0	2	2	0
June	10.8	SE.	52	NW.	3	10	2	3	13	12	6	9	5	0	9	7	14	12	9	0	1	0	0	0	0	5	0
July	7.8	SE.	30	W.	0	9	0	3	14	7	11	11	7	0	15	8	8	1	0	0	0	0	0	13	0	1	0
August	7.9	SE.	42	NW.	1	9	6	3	22	8	3	2	8	1	12	12	7	3	3	0	0	0	0	13	0	5	2
September	10.1	W.	48	W.	3	8	2	1	9	6	8	14	12	0	7	14	9	12	7	0	1	1	0	0	5	1	2
October	9.8	NW.	44	E.	1	2	2	2	9	8	2	13	22	2	8	15	8	9	6	4	0	0	0	0	15	0	0
November	10.6	NW.	50	NW.	4	0	1	3	9	11	4	12	20	0	9	11	10	9	6	5	0	0	9	0	24	0	0
December	6.9	S.	32	W.	0	5	2	4	5	19	8	6	13	0	15	10	6	3	2	3	0	4	19	0	31	0	0
Year	10.1	SE.	54	W. NW.	26	92	38	41	141	109	71	117	118	3	120	118	127	87	64	29	2	5	85	26	176	14	9

WILMINGTON, N. C.

[H = 78 ft.; h_t = 82 ft.; h_r = 76 ft.; h_a = 88 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	8.9	NE.	36	W.	0	7	16	5	0	7	12	5	10	0	9	11	11	10	7	0	0	0	0	0	2	0	0
February	11.0	SW.	40	NW.	1	2	10	3	2	6	14	5	12	1	6	7	15	10	10	2	0	1	0	0	6	0	0
March	8.9	SW.	38	NW.	0	10	5	6	5	11	19	2	4	0	18	5	8	12	9	0	0	2	0	0	1	5	1
April	10.3	SW.	32	S.	0	2	12	6	5	7	14	5	8	1	16	7	7	8	5	0	0	0	0	0	0	3	0
May	8.7	SW.	34	W.	0	2	8	4	4	5	28	6	5	0	14	11	6	12	11	0	2	0	0	1	0	13	0
June	8.3	SW.	32	NE.	0	3	6	2	1	9	32	6	0	1	15	7	8	11	9	0	0	0	0	2	0	8	0
July	7.3	SW.	32	SW.	0	1	6	9	6	9	27	3	1	0	10	9	12	15	14	0	0	0	0	1	0	10	0
August	6.1	SW.	30	NE.	0	7	9	5	2	10	18	3	8	0	16	5	10	13	8	0	0	0	0	4	0	7	0
September	7.8	NE.	44	NE.	1	2	16	10	3	10	9	3	7	0	15	3	12	12	10	0	0	0	0	3	0	3	0
October	8.5	NE.	38	SW.	0	5	23	6	1	6	8	6	7	0	19	6	6	6	4	0	1	0	0	0	0	3	0
November	7.4	NW.	32	NW.	0	7	9	1	3	6	11	7	16	0	18	4	8	8	6	0	0	5	0	0	2	0	0
December	7.6	NW.	46	W.	1	6	11	5	4	4	12	3	17	0	15	6	10	8	7	1	0	2	1	0	5	1	2
Year	8.4	SW.	46	W.	3	55	131	62	36	90	204	54	95	3	171	81	113	125	100	3	3	10	1	11	16	53	3

WINNEMUCCA, NEV.

[H = 4,340 ft.; h_t = 59 ft.; h_r = 52 ft.; h_a = 70 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	11.6	SW.	52	SW.	3	3	11	6	0	5	29	7	1	0	2	12	17	12	7	10	0	0	8	0	26	0	0
February	12.0	SW.	74	SW.	5	6	12	11	0	2	16	7	1	1	7	8	13	12	9	12	0	1	9	0	27	0	4
March	12.1	SW.	58	SW.	5	3	3	6	1	2	31	7	8	1	5	5	21	8	5	6	1	0	2	0	21	0	2
April	11.2	SW.	52	W.	3	9	6	6	0	8	19	8	4	0	10	8	12	11	6	2	1	0	0	0	14	1	0
May	10.7	SW.	44	SW.	4	9	13	6	2	4	13	11	2	2	9	13	9	9	6	1	0	0	0	0	2	4	0
June	9.5	SW.	56	S.	4	8	2	8	4	6	21	7	2	2	8	8	14	10	8	1	2	0	0	0	1	6	0
July	9.1	SW.	56	S.	2	4	10	12	3	3	13	12	5	0	18	9	4	6	3	0	1	0	0	10	0	8	0
August	8.3	SW.	40	SE.	1	1	11	4	2	6	20	14	4	0	14	13	4	1	1	0	0	0	0	12	0	4	2
September	9.0	SW.	50	NW.	2	6	8	3	1	6	17	10	7	2	18	8	4	3	1	0	0	0	0	0	3	0	0
October	9.3	NE.	42	W.	2	7	16	7	0	3	15	8	3	3	18	4	9	7	4	0	1	0	0	0	8	1	0
November	8.4	E.	36	S.	0	2	15	20	0	2	16	2	0	3	13	11	6	1	1	0	0	0	0	0	25	0	0
December	11.0	E.	56	SW.	3	7	16	19	1	5	9	4	0	1	8	7	16	16	12	15	0	0	11	0	31	0	0
Year	10.2	SW.	74	SW.	34	65	123	108	14	52	219	97	37	15	130	106	129	96	63	47	6	1	30	22	158	24	8

WOODS HOLL, MASS.

[H = 22 ft.; h_t = 51 ft.; h_r = 39 ft.; h_a = 57 ft.]

Month.	Average hourly velocity.	Prevailing direction.	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Clear.	Partly cloudy.	Cloudy.	0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Below 32°.	Above 90°.	Minimum temperature below 32°.	Thunderstorms.	Auroras.
January	16.0	NW.	68	NW.	9	2	5	2	4	3	2	4	9	0	10	4	17	15	11	5	0	4	6	0	22	0	0
February	17.3	NW.	58	NW.	6	3	2	2	1	4	4	4	8	0	10	4	14	15	12	11	0	3	11	0	23	0	2
March	15.1	SW.	47	NW.	5	2	2	0	5	2	11	1	8	0	8	18	5	12	9	4	0	8	1	0	8	0	2
April	17.6	SW.	54	SW.	5	3	7	2	1	1	10	4	2	0	10	7	13	12	11	4	0	4	0	0	4	1	0
May	12.2	SW.	43	W.	2	1	1	4	4	3	12	5	1	0	8	12	11	9	7	0	0	9	0	0	0	2	0
June	14.6	SW.	37	W.	0	0	1	1	1	2	20	3	2	0	8	11	11	10	7	0	0	8	0	0	0	3	0
July	13.4	SW.	44	SW.	1	0	2	0	3	3	16	6	1	0	12	14	5	3	2	0	0	3	0	0	0	4	0
August	11.7	SW.	32	SW.	0	1	1	1	8	2	12	4	0	2	10	10	11	6	4	0	0	1	0	0	0	2	1
September	12.0	SW.	34	NW.	0	1	0	1	8	3	12	1	4	0	11	10	9	8	6	0	0	3	0	0	0	0	0
October	17.2	SW.	60	SW.	6	0	5	4	2	4	7	2	7	0	10	8	13	13	12	0	0	1	0	0	0	1	0
November	20.1	NW.	69	N.	9	3	4	1	4	1	3	7	7	0	11	7	12	17	14	3	0	0	1	0	9	0	0
December	15.1	NW.	72	SW.	4	5	2	2	2	1	5	2	12	0	12	8	11	11	9	4	0	3	5	0	18	0	0
Year	15.2	SW.	72	SW.	47	21	32	20	43	29	114	43	61	2	120	113	132	131	104	31	0	47	24	0	84	13	5

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

YUMA, ARIZ.

[λ = 32° 45′ N.; φ = 114° 36′ W.; gravity corr., − 0.03.]

Month.	Pressure.			Temperature.							Moisture.										
		Extremes.		Mean.					Extremes.		Dew point.		Relative humidity.		Vapor pressure.		Precipitation.		Cloudiness.		
	Monthly mean.	Maximum.	Minimum.	8 a. m.	8 p. m.	Maximum.	Minimum.	Monthly.	Maximum.	Minimum.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	8 a. m.	8 p. m.	Total.	Maximum in 24 hours.	8 a. m.	8 p. m.	Daylight.
	In.	In.	In.	°	°	°	°	°	°	°	°	°	%	%	In.	In.	In.	In.			
January	29.96	30.23	29.67	42.2	59.2	65.2	38.2	51.7	74	28	29	33	61	37	.166	.197	.00	.00	1.1	2.8	1.9
February	29.93	30.26	29.58	41.0	63.4	67.5	37.5	52.5	82	30	28	33	62	33	.155	.190	T.	T.	1.5	3.1	3.0
March	29.79	30.11	29.51	50.3	74.4	77.8	48.1	63.0	95	33	35	29	59	22	.209	.164	.74	.58	2.4	3.3	2.6
April	29.74	29.96	29.43	57.4	84.4	87.8	54.7	71.2	99	42	36	30	48	14	.224	.170	.00	.00	1.5	1.9	1.7
May	29.64	29.78	29.46	62.8	89.0	93.3	60.9	77.1	102	50	45	39	53	18	.302	.244	T.	T.	1.7	2.9	2.1
June	29.65	29.78	29.39	65.2	92.0	95.5	63.3	79.4	108	55	51	48	60	24	.376	.350	.00	.00	.3	.7	.7
July	29.68	29.83	29.53	80.1	100.1	104.7	77.7	91.2	113	72	65	60	62	29	.626	.539	.36	.36	2.2	1.5	2.5
August	29.67	29.82	29.55	79.1	98.0	102.6	77.2	89.9	110	66	65	60	64	31	.642	.536	.10	.09	3.1	2.7	3.0
September	29.65	29.88	29.44	70.5	93.3	98.7	67.9	83.3	109	50	57	51	64	27	.496	.406	.51	.51	.8	1.0	1.2
October	29.72	30.07	29.53	61.2	83.6	90.6	58.5	74.6	101	47	47	47	61	30	.331	.351	.84	.84	.7	1.1	1.1
November	29.86	30.03	29.63	56.2	74.1	83.5	53.1	68.3	92	45	34	34	44	24	.198	.206	.00	.00	.1	1.7	1.5
December	29.92	30.16	29.66	47.8	58.4	64.8	44.7	54.8	72	37	38	40	72	55	.235	.264	.40	.25	4.5	7.1	5.1
Year	29.77	30.26	29.39	59.5	80.8	86.0	56.8	71.4	113	28	44	42	59	29	.330	.301	2.95	.84	1.7	2.5	2.2

ANNUAL METEOROLOGICAL SUMMARY FOR THE YEAR ENDING DECEMBER 31, 1894—Continued.

YUMA, ARIZ.

[H = 141 ft.; h_t = 16 ft.; h_r = 2 ft.; h_a = 50 ft.]

Month.	Wind. By self-registers. Average hourly velocity.	Prevailing direction. (a)	Maximum velocity.	Direction at time of maximum velocity.	Number of days with gales.	Number of winds, 8 a. m. and 8 p. m. North.	Northeast.	East.	Southeast.	South.	Southwest.	West.	Northwest.	Calm.	Number of days. Clear.	Partly cloudy.	Cloudy.	Precipitation. 0.01 inch and over.	0.04 inch and over.	Snow.	Hail.	Fog.	Maximum temp. Below 32°.	Above 90°.	Minimum temperature below 32°.	Electricity. Thunderstorms.	Aurorae.
	Miles.		*Mi.*																								
January	7.5	N.	36	W.	0	25	16	2	0	3	2	4	9	1	24	6	1	0	0	0	0	0	0	0	3	0	0
February	7.4	NE.	52	NW.	3	10	11	5	3	7	1	8	9	2	17	10	1	0	0	0	0	0	0	0	5	0	0
March	7.7	W.	54	NW.	3	11	11	2	2	8	8	9	11	0	19	9	3	2	2	0	1	0	0	4	0	0	0
April	8.4	W.	42	NW.	2	3	9	2	2	2	12	16	14	0	23	6	1	0	0	0	0	0	0	15	0	0	0
May	7.9	W.	34	NW.	0	0	7	4	8	6	9	17	10	1	23	8	0	0	0	0	0	0	0	26	0	0	0
June	7.2	W.	34	W.	0	1	5	4	5	3	16	13	12	1	27	3	0	0	0	0	0	0	0	25	0	0	0
July	7.1	SW.	30	SE.	0	4	2	7	7	9	21	8	3	1	23	7	1	1	1	0	0	0	0	31	0	3	0
August	6.7	SW.	29	W.	0	1	5	4	12	10	16	11	3	0	15	16	0	2	1	0	0	0	0	31	0	7	0
September	5.6	NE.	33	NW.	0	8	8	8	2	7	8	8	9	2	26	3	1	1	1	0	0	0	0	27	0	2	0
October	4.9	NE.	34	N.	0	9	14	4	1	3	6	10	9	6	27	4	0	1	1	0	0	0	0	18	0	2	0
November	4.9	NE.	20	N.	0	16	25	5	0	3	2	1	7	1	24	5	1	0	0	0	0	0	0	3	0	0	0
December	5.3	N.	32	NW.	0	19	14	6	0	4	2	9	7	1	12	8	11	6	4	0	0	0	0	0	0	0	0
Year	6.7	W.	54	NW.	8	107	127	53	42	65	103	114	103	16	260	85	20	13	10	0	1	0	0	180	8	14	0

a By eye observations at 8 a. m. and 8 p. m. when there is no self-register at station.

Blank page retained for pagination

PART IV.

MONTHLY AND ANNUAL MEAN TEMPERATURE AND ANNUAL EXTREMES OF TEMPERATURE, TOGETHER WITH THE DATES OF FIRST AND LAST KILLING FROST, 1894.

The monthly and annual averages given in the following tables are taken largely from the records of voluntary (unpaid) observers. The paid stations of the Weather Bureau are indicated by an asterisk (*). The records of voluntary observers are given as made; no attempt has been made to reduce them to a homogeneous system. About two-thirds of the voluntary observers have standard instruments, but very few have what may be called standard shelters. The hours of observation at the regular stations of the Weather Bureau have already been described; the observing hours at voluntary stations vary greatly. The letters "*a*," "*b*," etc., following the name of a station have the following significance:

a = mean temperature computed by the formula $\frac{1}{4}(7+2+9+9)$.
b = mean temperature computed by the formula $\frac{1}{2}(8+8)$.
c = mean temperature computed by the formula $\frac{1}{2}(7+7)$.
d = mean temperature computed by the formula $\frac{1}{2}(6+6)$.
e = mean temperature computed by the formula $\frac{1}{2}(7+2)$.
f = from various hours reduced to true mean by special table.
g = mean temperature computed by the formula $\frac{1}{3}(7+2+9)$. (Southern Pacific Railway.)

The absence of a letter indicates that the mean has been made as follows: $\frac{\text{Mean max.} + \text{mean min.}}{2}$.

The small roman letters in the body of the tables indicate the number of days missing from the records, thus "*c*" indicates three days missing, etc.

The dates of last killing frost in spring and first in autumn are given at the right of the table. Many observers, however, do not report dates of frost, and still others do not distinguish between light and killing frost. The date of the first and the last occurrence of a minimum temperature of 32° has been used in all cases where no frost reports were made. Data for stations so entered have been distinguished from regular frost reports by a dagger (†).

Bracketed values have been supplied by interpolation.

Blank page retained for pagination

MONTHLY AND ANNUAL MEAN TEMPERATURE, ANNUAL EXTREMES OF TEMPERATURE, AND DATES OF LAST KILLING FROST IN SPRING AND FIRST KILLING FROST IN AUTUMN, 1894.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Alabama.																	
Alco	54.1	52.4	60.8	67.4	72.4	77.2	79.3	79.4	75.4	65.6	55.2	53.6	66.2	100	12	Mar. 30	Nov. 6
Ashville (a)	.....	.....	.....	.....	.....	82.6	.....	[e]85.4	76.3	[c]60.4	48.2	[d]43.0	.....	.....	.....	.....	Nov. 6
Auburn	.....	48.4	58.7	64.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Bermuda	51.8	52.2	59.9	67.2	72.3	76.0	78.2	78.0	75.6	64.3	54.6	53.0	65.3	98	11	Mar. 30	Nov. 6
Birmingham	[d]50.4	[d]48.8	[d]62.4	[c]65.9	[d]74.6	.....	[e]82.4	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 27	.....
Brewton	55.0	51.5	61.2	66.4	71.6	75.8	.....	.....	.....	65.7	55.0	53.2	.....	.....	10	Mar. 30	Oct. 30
Carrollton (a)	48.6	47.1	58.5	63.8	71.1	77.2	77.5	76.6	74.7	63.0	51.1	48.2	63.1	94	12	Mar. 30	Nov. 6
Chepultepec	44.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Citronelle	55.2	53.6	61.8	69.4	74.0	78.7	78.8	78.6	76.8	67.8	58.2	54.4	67.3	97	17	Mar. 27	Nov. 11
Clanton	.....	[d]48.0	59.6	69.4	71.9	74.6	79.4	78.9	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Collirene (a)	.....	.....	.....	.....	.....	79.6	80.6	80.4	78.6	67.6	54.3	50.2	.....	98	.....	.....	Nov. 11
Daphne	.....	.....	61.0	70.2	71.6	79.2	80.2	81.2	76.6	66.6	54.0	52.6	.....	101	.....	Mar. 29	Nov. 7
Decatur	.....	.....	.....	.....	70.0	76.2	76.9	76.9	73.3	60.6	47.7	44.4	.....	98	.....	.....	Oct. 15
Elba (a)	.....	.....	65.7	69.0	72.5	76.0	76.5	76.6	72.5	.....	.....	.....	.....	92	.....	Mar. 27	.....
*Eufaula	54.8	53.7	62.6	67.8	73.6	79.6	80.6	81.4	78.0	66.8	55.6	52.3	67.2	99	10	Mar. 31	Nov. 6
*Evergreen	.....	.....	.....	.....	72.2	76.8	80.2	80.4	76.6	64.8	54.4	51.8	.....	97	.....	.....	Nov. 6
Florence	45.6	41.8	54.8	61.8	68.6	75.7	76.4	75.7	71.4	59.5	47.6	44.4	60.3	99	7	Apr. 12	Oct. 15
*Fort Deposit	50.0	51.0	60.4	67.2	73.8	78.7	79.0	79.8	76.5	65.7	54.6	51.7	65.7	98	12	Mar. 30	Nov. 6
Gadsden	49.0	46.3	58.0	63.6	69.9	76.4	77.6	79.2	75.4	62.4	50.0	47.4	62.9	98	8	Apr. 12	Oct. 15
Geneva	55.2	54.4	.....	67.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greensboro	49.0	47.2	58.2	64.9	71.7	77.8	78.6	77.1	75.3	64.6	51.5	47.8	63.6	100	11	Mar. 30	Nov. 5
Healing Springs	49.9	47.7	57.6	63.9	70.2	73.4	76.6	76.5	75.0	62.6	50.4	48.6	62.7	101	8	Mar. 31	Oct. 15
Highland Home	52.4	50.2	60.9	66.3	72.6	78.3	78.2	78.4	76.6	66.4	55.1	52.0	65.6	97	10	Mar. 30	Nov. 6
Jasper	.....	.....	.....	.....	.....	.....	.....	.....	73.5	.....	46.6	43.2	.....	.....	.....	.....	.....
*Livingston	.....	.....	.....	.....	73.5	78.4	80.1	79.1	76.0	63.8	52.0	[b]48.6	.....	102	.....	.....	.....
Madison Station	47.0	47.9	60.0	64.4	70.7	77.2	77.6	77.8	73.4	61.7	49.4	47.2	62.9	100	5	Mar. 30	Oct. 15
Maple Grove	50.2	48.2	56.6	62.6	69.2	76.8	76.2	78.7	73.8	59.4	52.6	46.1	62.5	99	6	Apr. 3	Oct. 13
*Marion	50.7	48.0	60.1	65.0	73.6	78.0	80.2	79.4	76.6	66.4	57.2	48.8	65.4	99	0	Mar. 30	Nov. 6
*Mobile	55.3	53.0	60.5	68.7	74.0	78.0	79.5	80.2	78.2	68.4	57.3	53.8	67.2	101	16	(f)	Nov. 7
Montevallo	.....	.....	.....	66.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Montgomery	52.1	51.0	60.6	66.8	73.8	79.0	79.8	79.4	77.4	66.1	54.8	51.6	66.0	100	13	Mar. 30	Nov. 7
Mount Willing	54.1	51.8	59.6	67.5	72.6	78.4	79.5	79.6	76.0	64.2	54.2	51.2	65.7	100	9	Mar. 29	Nov. 7
Newbern	48.8	47.9	57.8	65.4	73.0	78.4	79.4	79.4	76.4	61.4	52.6	49.8	64.4	99	10	Mar. 30	Nov. 6
Newburg	46.5	42.4	55.6	61.3	68.8	76.8	76.3	76.8	72.9	62.0	49.2	45.6	61.2	103	3	Apr. 12	Oct. 10
Newton	53.8	51.2	60.4	60.0	72.3	78.5	[e]78.6	[e]78.0	76.3	64.0	.....	.....	.....	98	.....	Mar. 31	.....
Oneonto	.....	.....	.....	.....	.....	.....	.....	.....	73.8	59.3	45.3	.....	.....	.....	.....	.....	.....
*Opelika	.....	48.9	60.2	69.4	74.4	79.4	79.5	79.4	77.4	65.2	53.7	46.2	.....	98	.....	Mar. 30	Oct. 31
Oxanna	47.3	47.4	59.3	62.7	67.6	76.7	77.6	76.4	73.0	62.9	49.6	45.7	62.2	98	7	Mar. 31	Oct. 15
*Pine Apple	50.6	51.1	59.3	65.2	74.3	80.2	78.1	78.0	73.7	[c]64.2	49.4	47.4	64.3	102	7	Apr. 14	Oct. 31
Pushmataha	51.0	50.3	60.6	67.9	73.2	79.6	79.6	.....	.....	.....	53.6	49.4	.....	102	10	Mar. 30	Oct. 16
Rock Mills	.....	[d]44.0	56.2	63.2	70.2	76.2	78.0	77.4	74.2	61.8	49.4	46.2	.....	98	.....	Mar. 31	Nov. 6
Scottsboro	45.8	43.3	55.4	60.5	67.8	75.8	77.0	76.8	.....	[c]63.6	49.2	46.2	.....	100	4	Apr. 12	Nov. 12
Starlington (a)	50.3	49.9	58.6	66.6	72.2	77.1	77.8	78.1	75.7	.....	.....	.....	.....	100	.....	Mar. 30	.....
Talladega (a)	47.2	46.4	58.4	63.0	71.1	77.5	79.0	78.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Thomasville	.....	.....	.....	.....	72.9	78.2	79.0	78.6	75.6	65.8	54.6	.....	.....	100	.....	.....	Nov. 6
*Tuscaloosa	46.4	46.4	57.6	63.6	72.5	78.4	80.3	79.5	75.8	62.3	49.2	46.0	63.2	103	9	Mar. 31	Nov. 5
*Tuscumbia	.....	.....	.....	.....	71.0	76.7	78.6	78.7	75.0	62.2	49.3	.....	.....	.....	.....	.....	Oct. 15
Union	.....	.....	[d]58.6	[e]68.8	[d]76.6	.....	.....	[d]78.8	[e]75.8	[d]65.0	[d]53.0	50.0	.....	.....	.....	Mar. 30	Oct. 10
*Union Springs	49.8	50.2	59.6	65.6	74.4	80.4	80.6	79.6	75.9	65.0	53.2	50.0	65.4	102	9	Mar. 30	Nov. 6
Uniontown	52.1	49.8	60.0	67.2	74.2	79.5	79.4	79.4	77.4	67.0	54.0	[d]49.8	65.8	99	11	Mar. 30	Nov. 11
Valley Head	44.1	41.7	53.6	59.4	67.2	73.1	75.5	75.8	73.0	60.6	46.6	44.4	59.6	96	1	Apr. 13	Oct. 14
Alaska.																	
Coal Harbor	25.0	22.0	27.0	29.0	34.8	45.0	51.6	52.0	48.0	38.0	33.0	27.0	35.9	72	—10	.....	Sept. 17
Holy Cross Mission	—8.8	-14.8	4.3	17.2	36.0	49.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Juneau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.6	.....	.....	.....	.....	.....
Killisnoo	20.8	24.7	30.8	34.2	43.8	49.4	53.2	54.0	46.4	39.7	33.6	28.8	.....	.....	.....	.....	.....
Metlakahtla	29.2	31.4	34.6	39.2	47.0	53.1	57.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Joseph Mission	-11.2	-12.6	2.5	6.0	30.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona.																	
Arizola	45.3	48.1	58.2	68.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 22†	.....
Arizona Canal Co. Dam	51.1	52.2	61.0	71.1	77.4	81.2	.....	89.6	82.9	71.9	.....	.....	.....	.....	.....	Feb. 11†	.....
Benson (g)[1]	52.9	51.5	66.0	70.7	79.6	76.1	84.1	84.4	83.3	64.5	62.7	51.5	.....	11	.....	.....	.....
Benson[2]	.....	.....	.....	.....	.....	77.1	83.2	78.9	70.3	64.8	55.0	.....	.....	110	.....	.....	Nov. 17†
Bisbee (a)	42.0	41.6	49.0	[c]60.0	69.7	74.6	75.7	70.5	69.6	63.8	.....	48.3	.....	96	18	Mar. 21†	.....
Buckeye	51.4	52.2	61.1	66.9	73.2	76.7	88.4	86.6	79.9	71.0	62.4	54.8	68.7	110	20	Mar. 20†	Dec. 5†
Calabasas	42.1	42.7	50.4	59.7	67.0	72.2	79.0	74.9	71.1	63.8	55.1	50.2	60.7	102	9	Apr. 28†	Nov. 8
Casa Grande (g)	51.9	48.7	63.3	72.0	81.9	86.2	86.9	91.0	82.2	74.0	65.0	54.9	71.5	.....	.....	.....	.....
Dragoon Summit (c)	50.2	49.5	53.4	67.6	75.5	80.4	82.3	79.8	80.4	72.2	66.6	48.5	67.2	.....	.....	.....	.....
Dudleyville	44.8	48.0	55.4	65.5	72.8	78.0	86.4	82.8	77.7	65.6	61.8	49.6	65.7	109	23	Mar. 22†	Nov. 16

† None reported. [1] Pacific Railway system. [2] A. T. Bird.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Arizona—Continued.																	
Eagle Pass (c)	33.3	33.7	41.9	53.8	67.7	69.1	70.6	72.6	62.0	51.3	46.8	41.8	53.8	88	18	Mar. 23†	Nov. 17†
Farleys Camp	44.0	40.4	50.0	66.2	73.6	77.6	85.8	81.4	75.2	69.8	60.2	53.2	64.8	98	24	Mar. 6†	Dec. 10†
Flagstaff	24.4	25.5	36.6	47.5	55.8	58.0	68.0	65.5	58.4	51.4	42.6	31.4	47.1	98	—19	June 13†	Sept. 28†
Florence	48.5	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort Apache	32.8	35.2	43.3	53.4	63.0	65.1	72.8	70.6	63.0	57.5	48.2	41.6	53.9	98	—12	.....	.....
Fort Bowie	42.2	41.6	51.2	63.1	72.0	76.2	78.3	73.6	71.8	.....	.....	.....	.....	98	.....	.....	.....
Fort Grant	41.3	45.6	48.8	58.4	66.1	69.3	78.4	73.8	70.5	64.1	59.3	48.0	60.3	101	10	.....	.....
Fort Huachuca	41.4	41.3	49.0	58.9	67.5	71.8	76.5	70.8	69.7	63.6	57.3	47.0	59.6	98	14	.....	.....
Gila Bend (g)	49.3	51.4	61.9	73.1	82.3	84.7	96.3	93.0	88.2	76.0	66.1	56.5	73.2	108	21	.....	.....
Globe	42.2	44.8	53.6	65.4	74.2	77.6	85.7	81.0	75.0	67.8	58.2	46.0	64.3	108	21	Mar. 21†	Dec. 30†
Holbrook	32.4	35.3	46.0	54.2	63.4	65.7	75.6	74.2	65.0	56.1	45.2	39.8	54.4	98	— 2	May 16†	Sept. 29†
Keams Canyon	[2]25.5	27.8	40.1	49.3	58.8	61.8	72.2	70.6	59.4	52.9	45.5	36.0	50.0	94	— 8	June 7	Sept. 13†
Lochiel (a)	41.2	41.3	.....	.....	.....	.....	.....	.....	68.9	.....	52.9	49.3	.....	.....	14	.....	.....
Maricopa (g)	43.3	48.9	60.4	77.5	87.8	86.7	97.0	93.5	85.0	77.2	66.0	56.9	73.4	.....	.....	.....	.....
Mount Huachuca	41.5	41.5	49.3	60.4	69.6	74.2	78.2	72.7	70.2	64.3	57.6	48.4	60.6	100	14	Apr. 29†	Dec. 11†
Navajo (c)	18.6	17.5	30.9	50.9	54.2	59.4	66.3	65.6	.....	57.7	49.9	43.2	.....	.....	.....	.....	.....
Nogales	.....	.....	57.8	78.6	81.8	.....	.....	.....	.....	.....	.....	52.4	.....	.....	.....	.....	.....
Oracle	42.3	42.9	51.4	62.2	71.4	75.1	81.3	77.1	73.6	66.5	60.5	49.4	62.8	100	20	Mar. 20†	Dec. 11†
Palomas	44.6	47.0	59.2	68.0	73.0	75.4	89.9	87.6	79.2	.....	.....	.....	.....	113	.....	Mar. 22†	.....
Pantano (g)	43.1	47.6	51.5	61.9	78.1	81.4	84.0	81.6	76.3	64.4	63.1	55.7	65.7	.....	.....	.....	.....
Parker	44.0	47.7	.....	.....	77.5	79.6	92.7	92.0	83.5	73.0	62.7	52.6	.....	118	10	.....	Nov. 18†
Payson	34.0	34.8	41.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peoria	48.2	48.7	59.2	67.6	.....	.....	92.4	88.4	81.0	71.9	62.0	53.0	.....	111	28	Feb. 17†	None.
Phœnix [1]	.....	47.1	57.9	66.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phœnix [2]	46.0	48.6	59.6	68.2	76.5	78.6	90.2	87.2	79.0	70.8	61.6	53.2	68.3	109	23	Feb. 19†	Dec. 11†
Red Rock	47.4	50.3	61.4	79.4	83.6	90.2	95.4	89.3	.....	.....	60.0	54.5	.....	.....	.....	Feb. 5†	.....
Reymert	45.2	45.7	55.7	65.8	73.1	76.8	85.2	83.0	83.6	71.8	67.0	52.0	67.1	107	23	Mar. 21†	Dec. 25†
Rye	.....	.....	50.0	61.4	68.2	71.5	85.2	82.4	80.4	66.0	[2]54.4	46.4	.....	.....	.....	Apr. 19†	Oct. 29†
St. Helena Ranch	44.8	43.4	51.4	62.0	71.6	75.0	80.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Carlos	40.8	41.6	51.6	63.4	72.8	75.8	87.0	82.6	75.2	66.6	54.4	46.3	63.2	110	15	.....	.....
San Simon (g)	45.6	53.1	56.7	65.3	78.0	83.2	91.6	87.0	77.2	68.7	60.6	50.2	68.1	.....	.....	.....	.....
Signal	44.5	45.7	56.6	66.2	74.3	78.2	90.7	87.9	78.2	65.2	60.9	51.0	66.6	111	20	Mar. 11†	Dec. 1†
Texas Hill (g)	50.4	52.7	64.7	75.9	82.7	87.3	94.4	94.9	86.9	76.6	65.3	56.2	74.0	.....	.....	.....	.....
*Tucson	45.2	47.3	54.9	64.7	72.3	77.0	85.2	82.6	77.7	69.7	62.5	54.0	66.1	106	18	Mar. 22	.....
Tucson [3]	46.4	47.8	56.2	66.9	75.3	79.5	87.7	85.3	.....	.....	.....	.....	.....	.....	.....	Mar. 22†	Dec. 11†
Tucson (g) [4]	47.7	.....	64.5	76.3	82.6	88.4	93.5	82.4	87.2	67.9	68.6	58.5	.....	.....	.....	.....	.....
Tucson [5]	.....	.....	.....	.....	.....	.....	.....	.....	79.5	70.1	64.0	54.9	.....	.....	.....	.....	.....
Walnut Ranch (a)	38.9	39.3	46.4	58.0	66.2	71.6	74.9	69.9	68.0	60.8	51.9	47.2	57.8	93	14	Mar. 22†	Nov. 20†
Whipple Barracks	31.8	28.6	41.9	51.0	59.7	61.6	73.8	71.2	62.0	56.1	49.6	39.1	52.2	95	— 9	May 15†	Dec. 30†
Willcox (g)	38.8	40.6	45.9	59.5	70.7	73.2	79.7	76.8	69.3	63.3	50.0	46.8	59.6	.....	.....	.....	.....
*Yuma	51.7	52.5	63.0	71.2	77.1	79.4	91.2	89.9	83.3	74.6	68.3	54.8	71.4	113	28	Jan. 4	Dec. 1
Yuma (g) [4]	51.0	51.7	65.7	78.2	83.1	84.7	92.2	92.4	84.7	77.0	64.3	52.0	73.1	.....	.....	.....	.....
Arkansas.																	
Ashdown	46.0	43.2	56.4	64.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Bee Branch	45.6	42.5	55.2	[2]61.0	68.0	74.2	71.3	[2]76.4	73.0	62.9	50.0	47.2	61.1	105	.....	Mar. 30	Oct. 8
Blanchard Springs	48.4	45.6	57.1	65.8	72.3	76.3	78.1	77.2	74.2	63.0	50.0	46.6	62.9	102	6	Mar. 30	Oct. 9
*Brinkley	32.4	37.0	54.2	62.4	69.4	77.0	79.2	80.4	75.2	64.6	52.6	47.1	61.8	104	5	Mar. 30	Nov. 3
Camden	.....	43.6	56.5	65.4	72.6	77.5	79.2	78.5	74.4	63.2	50.3	46.0	.....	103	.....	Mar. 30	Oct. 30
Cassville	.....	39.0	52.2	58.6	64.4	71.4	75.9	77.0	69.0	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Conway (a)	43.1	41.4	54.9	62.3	68.6	76.2	76.6	76.3	71.3	60.0	47.7	43.1	60.1	100	1	Mar. 29	Oct. 9
Corning	38.4	36.3	52.6	58.2	67.6	77.2	76.0	76.5	70.6	58.0	44.2	37.8	57.9	101	— 9	Mar. 20	Oct. 9
Dallas	.....	.....	[2]52.6	62.0	69.5	76.9	79.8	78.8	72.2	63.6	49.8	45.3	.....	108	.....	Mar. 29	.....
Fayetteville	40.0	36.3	52.2	61.2	67.0	74.2	77.4	76.2	70.2	61.3	49.2	42.8	59.0	101	—17	Mar. 30	Oct. 8
*Forrest	.....	43.4	53.8	64.6	70.4	77.6	78.6	79.2	74.1	64.0	52.4	45.6	.....	101	.....	Mar. 29	Nov. 3
*Fort Smith	41.8	40.1	53.8	62.6	69.2	76.4	80.1	78.8	72.2	62.2	49.2	43.6	60.8	105	— 7	Mar. 29	Oct. 9
Hamburg	47.8	47.2	56.9	64.7	71.4	75.8	79.4	[2]78.7	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
*Helena	45.4	40.8	56.2	64.0	72.2	78.3	80.6	81.2	76.8	66.5	53.8	45.7	63.5	105	6	Mar. 30	Oct. 31
Hot Springs	44.6	42.3	54.8	63.6	70.8	76.7	79.0	78.2	73.4	64.1	51.7	44.3	62.0	107	— 1	Mar. 31	Oct. 30
Keesees Ferry	39.3	37.0	52.8	60.5	67.6	74.7	76.1	76.0	70.1	59.9	47.5	41.4	58.6	104	—13	Mar. 30	Oct. 8
Kirby	45.0	41.4	.....	66.4	[2]74.2	.....	79.7	77.8	71.6	63.8	[2]50.8	.....	.....	.....	.....	Mar. 28	Oct. 27
*Little Rock	44.6	41.2	55.3	63.2	70.3	77.6	78.6	78.1	73.6	63.8	50.6	45.2	61.8	103	1	Mar. 30	Nov. 3
Lonoke (a)	46.7	43.2	57.0	65.4	72.3	80.0	80.8	80.2	75.5	64.8	52.7	47.2	63.8	106	3	Mar. 30	Oct. 9
Luna Landing (f)	.....	.....	.....	.....	.....	74.6	79.3	78.6	74.5	64.3	53.7	49.5	.....	.....	.....	.....	Oct. 31
Madding (f)	.....	40.7	53.4	66.9	71.6	82.0	81.1	76.4	69.4	.....	.....	.....	.....	.....	.....	Mar. 29	.....
*Malvern	.....	.....	.....	51.9	69.0	75.2	77.4	78.5	74.4	63.7	52.2	.....	.....	104	.....	.....	Oct. 31
Monticello	.....	.....	.....	.....	.....	.....	.....	.....	76.0	65.3	.....	.....	.....	.....	.....	.....	.....
Mount Ida	.....	39.3	52.0	62.2	28.2	73.3	76.3	75.8	71.0	.....	.....	.....	.....	103	.....	Mar. 30	Oct. 9
Mount Nebo	40.4	39.9	53.5	64.2	63.2	74.4	74.1	75.0	68.2	60.2	48.1	41.2	57.8	95	— 4	Mar. 30	Nov. 11
New Gascony (a)	[2]43.4	[2]43.5	[2]55.8	[2]65.6	[2]71.5	[2]78.4	[2]78.6	[2]77.4	[2]74.2	[2]63.3	[2]50.0	[2]44.9	62.2	99	4	Mar. 29	Oct. 31
*Newport [6]	.....	.....	.....	.....	69.9	77.7	78.3	79.3	74.0	62.6	49.9	46.0	.....	103	.....	.....	Oct. 9
Newport [7]	41.6	39.8	54.0	61.0	67.6	75.4	75.8	76.9	71.6	[2]60.6	48.0	43.6	59.7	100	— 2	Mar. 30	Oct. 9
Osceola	43.6	39.8	54.0	61.2	67.9	76.4	77.3	77.6	72.3	61.8	49.0	43.4	60.4	98	1	Mar. 30	Nov. 3
Ozark	44.0	41.8	55.7	63.8	71.4	79.0	82.4	80.8	74.4	63.6	51.3	46.7	62.9	107	— 3	Mar. 29	Oct. 9
*Pine Bluff	.....	.....	.....	.....	72.4	78.2	80.2	79.5	75.6	65.0	53.0	.....	.....	.....	.....	.....	Oct. 31
Pocahontas	.....	.....	.....	60.4	68.0	76.2	.....	76.8	71.4	58.4	45.6	38.3	.....	.....	.....	.....	Oct. 8
*Prescott	.....	.....	.....	.....	73.2	79.0	81.6	80.5	76.8	66.2	54.1	.....	.....	107	.....	.....	Oct. 30
Rison	46.6	43.8	55.8	64.2	72.0	77.2	78.9	78.2	73.1	62.0	50.2	45.4	62.3	102	6	Mar. 30	Oct. 30
Rogers	34.8	31.0	46.4	.....	66.0	74.1	75.0	.....	.....	.....	47.8	38.8	.....	.....	.....	Mar. 30	.....
*Russellville	43.6	41.6	54.8	63.2	71.2	77.3	79.9	79.3	73.1	61.4	49.2	.....	.....	104	.....	Mar. 31	Oct. 30
Searcy	40.9	39.0	52.2	62.0	68.4	76.2	.....	.....	.....	.....	53.6	.....	.....	.....	.....	Mar. 30	.....
Stuttgart	45.2	42.1	55.8	64.0	70.6	76.8	77.8	78.4	73.0	61.6	50.5	45.2	61.8	103	6	Mar. 30	Nov. 6
*Texarkana	[2]49.3	45.0	58.2	67.8	75.4	78.2	81.8	81.2	76.8	68.4	54.8	48.2	65.4	105	9	Mar. 30	Oct. 30
Warm Springs (a)	.....	36.2	52.1	60.8	69.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington	46.0	42.3	56.1	65.3	72.0	76.6	79.2	77.0	74.2	65.2	52.0	46.6	62.3	100	7	Mar. 30	Oct. 9
Winslow	34.0	35.0	49.0	59.6	64.7	72.5	75.8	74.8	68.4	59.4	46.8	40.6	56.7	91	—15	Mar. 30	Oct. 9

[1] Experiment station.
[2] M. Moss.
[3] E. L. Wetmore.
[4] Pacific Railway system.
[5] University of Arizona.
[6] Cotton region observer.
[7] G. B. Irby.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
California.																	
Adin	48.6	.....	.....	46.6	53.8	55.6	69.8	70.0	58.8	52.0	45.8	29.2	.....	100	.....	.....	.....
Ager	.....	.....	45.5	53.3	60.9	64.1	76.2	77.0	65.6	54.6	44.6	33.5	.....	106	.....	.....	.....
Agnew	.....	49.1	51.8	56.4	59.3	60.9	64.9	68.2	66.7	60.6	56.2	.....	.....	101	29	.....	.....
Anaheim (g)	49.4	51.9	54.9	61.1	63.0	66.9	67.8	69.7	68.3	65.1	56.5	53.1	60.6	108	35	.....	.....
Anderson (a)	37.7	42.3	47.6	56.5	63.1	65.9	77.3	77.2	71.4	57.2	49.7	41.1	57.2	104	20	.....	.....
Antioch (g)	45.5	47.2	52.7	63.5	66.2	68.8	76.2	76.4	73.6	63.0	57.4	48.6	61.6	105	30	.....	.....
Aptos (g)	45.6	48.2	52.1	55.8	57.1	61.9	63.9	64.3	63.1	56.0	51.1	46.9	55.5	90	18	.....	.....
Arcata	45.1	42.8	46.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arlington Heights	48.5	48.9	54.2	60.8	62.0	65.3	74.8	74.8	72.8	66.8	63.0	50.4	61.9	107	25	.....	.....
Athlone (g)	45.6	49.8	54.5	62.8	68.1	73.7	83.0	86.6	75.8	64.5	60.0	46.1	64.2	116	26	.....	.....
Auburn (g)	46.5	47.8	51.7	61.6	64.3	66.2	80.5	81.9	73.9	64.7	61.2	51.3	62.6	106	25	.....	.....
Bakersfield (a)	45.8	48.3	56.8	66.4	74.7	76.4	84.3	85.9	79.1	67.3	58.8	51.0	66.2	109	28	.....	.....
Barstow	42.5	45.6	55.1	64.0	69.4	70.6	85.2	83.6	76.1	70.4	55.3	44.8	63.6	106	17	.....	.....
Beaumont (g)	48.0	45.0	58.6	65.4	65.7	67.1	81.5	78.6	72.8	67.9	61.0	46.3	63.2	105	27	.....	.....
Belmont (g)	48.8	57.1	57.0	58.7	62.1	60.8	71.1	70.6	66.5	61.6	60.3	56.9	61.0	104	34	.....	.....
Berendo (g)	45.5	48.2	56.2	67.5	69.2	75.0	88.3	87.4	78.8	68.4	60.0	49.7	66.2	110	27	.....	.....
Berkeley	46.0	46.6	49.8	55.6	57.0	59.4	60.9	63.0	64.4	59.1	57.4	48.0	55.6	93	31	.....	.....
Bethany (a)	47.4	47.5	51.7	60.4	63.0	63.8	77.7	74.8	73.0	63.2	57.1	47.2	60.6	106	32	.....	.....
Bishop Creek (g)	36.5	41.3	53.8	65.0	74.2	73.6	86.2	81.8	73.6	66.0	54.4	37.1	62.0	103	8	.....	.....
Boca (g)	26.5	28.6	33.2	41.3	50.5	54.5	55.4	56.7	52.1	45.8	44.5	29.1	43.2	100	—22	.....	.....
Borden (g)	46.1	47.3	54.9	63.5	69.1	72.6	87.4	83.4	78.1	68.1	58.8	48.7	65.0	110	24	.....	.....
Boulder Creek (g)	51.7	51.8	49.1	59.7	59.6	63.3	67.7	66.5	64.1	60.0	56.8	54.0	58.7	104	26	.....	.....
Brentwood (g)	44.1	46.7	51.0	60.7	66.3	69.2	73.6	77.4	69.4	60.8	53.5	46.3	59.9	107	27	.....	.....
Brighton (c)	48.8	50.0	56.2	63.9	70.5	65.2	83.3	79.8	73.4	66.4	.....	48.1	.....	115	24	.....	.....
Byron (g)	42.4	45.5	51.2	60.7	60.5	66.2	77.1	75.9	71.0	60.5	54.9	45.3	59.3	103	26	.....	.....
Caliente (g)	45.6	47.8	54.9	65.5	72.2	75.5	86.2	80.9	73.6	63.8	57.4	50.1	64.5	106	29	.....	.....
Calistoga (g)	49.2	49.1	53.3	59.7	65.4	66.2	75.6	75.5	70.6	61.2	53.9	49.1	60.7	110	24	.....	.....
Capitola (g)	48.9	49.8	52.1	57.5	60.0	63.2	63.9	66.7	67.1	60.9	54.5	51.3	58.0	95	24	.....	.....
Castroville (g)	49.2	50.0	54.0	55.4	60.2	59.7	62.4	65.6	62.3	59.1	57.1	51.9	57.2	92	20	.....	.....
Cedarville	.....	.....	.....	.....	.....	56.0	70.3	71.0	58.2	50.6	44.7	26.9	.....	95	.....	.....	.....
Centerville (a)	49.6	50.5	53.6	59.4	62.4	63.3	67.0	69.2	69.5	65.2	59.4	52.3	59.8	108	35	.....	.....
Chico (g)	44.8	46.2	52.7	60.1	63.9	63.2	81.3	79.5	71.3	64.0	58.5	48.6	61.2	110	24	.....	.....
Chino (f)	44.3	45.5	51.9	60.4	61.2	65.5	74.5	73.0	70.9	62.3	57.7	49.9	59.7	110	24	.....	.....
Cisco (g)	23.9	24.0	31.4	37.2	43.2	48.3	64.3	62.1	52.2	47.2	45.3	32.0	42.6	80	— 5	.....	.....
Claremont	45.4	46.2	53.0	56.8	59.4	63.0	72.2	71.6	69.2	64.3	60.5	49.8	59.3	103	24	.....	.....
Cloverdale (a)	47.3	49.5	54.3	62.0	66.4	65.2	75.8	76.8	73.7	65.0	61.9	49.6	62.3	109	28	.....	.....
Colfax (g)	39.3	41.5	46.8	55.9	60.4	62.8	76.6	83.7	69.1	57.2	59.2	41.5	57.8	104	20	.....	.....
Colton (g)	48.5	53.0	55.8	65.1	66.9	70.4	78.4	76.2	68.3	58.5	56.4	52.6	62.5	112	29	.....	.....
Colusa	43.4	46.3	53.2	60.8	66.9	69.2	78.0	76.6	72.0	63.1	.....	.....	.....	.....	.....	.....	.....
Corning (g)	44.8	48.9	54.0	64.9	68.9	69.2	86.9	83.7	77.6	65.1	59.6	50.8	64.5	110	30	.....	.....
Crescent City	.....	.....	45.8	48.2	52.2	55.2	56.8	58.8	57.3	54.4	51.2	45.8	.....	81	.....	.....	.....
Crafton (g)	46.6	48.9	55.6	64.4	67.3	71.5	83.0	80.4	75.9	67.4	63.8	50.4	64.6	103	28	.....	.....
Daviaville (g) [1]	44.8	46.2	51.9	59.9	67.6	73.9	79.4	77.9	75.7	65.8	60.0	46.1	62.4	108	30	.....	.....
Daviaville [2]	52.0	54.6	60.0	67.5	66.7	67.2	75.0	76.0	73.2	65.9	64.2	52.0	64.5	.....	.....	.....	.....
Delano (g)	44.5	47.4	54.9	66.8	71.3	72.2	86.8	85.5	78.2	66.3	57.9	48.5	65.0	105	24	.....	.....
Delta (g)	42.3	44.8	53.4	63.0	69.7	72.6	84.2	78.0	69.3	60.4	54.0	40.8	61.0	109	23	.....	.....
Dinuba (g)	44.0	46.2	55.5	68.8	73.9	70.8	88.1	87.1	77.2	65.6	55.5	51.2	65.3	107	23	.....	.....
Downey (g)	52.9	53.5	56.5	61.8	61.4	67.1	69.7	72.8	71.1	67.4	63.6	57.8	63.0	105	30	.....	.....
Dry Creek	39.9	41.6	48.6	58.0	63.7	66.4	.....	.....	69.7	58.9	49.8	.....	.....	.....	.....	.....	.....
Drytown	42.7	43.9	49.5	57.7	62.0	62.6	76.5	76.0	71.1	61.0	56.6	45.8	58.8	107	22	.....	.....
Dunnigan (g)	45.9	45.3	51.1	61.9	67.3	70.8	81.1	83.0	75.1	63.5	57.9	48.2	62.6	108	20	.....	.....
Dunsmuir (g)	37.8	38.0	45.5	54.0	63.0	65.4	76.0	73.6	63.0	52.4	45.0	38.7	54.4	105	15	.....	.....
Edgwood (g)	30.2	33.6	42.9	50.0	57.7	61.2	71.5	71.1	59.8	51.3	43.7	32.2	50.4	95	8	.....	.....
Edmanton (a)	30.2	29.4	35.1	43.3	49.7	51.0	64.8	63.0	55.7	49.9	45.5	30.0	45.6	95	4	.....	.....
Eldorado (g)	45.8	46.0	51.4	60.8	67.4	67.3	80.9	78.9	70.8	63.7	58.7	46.5	61.5	105	26	.....	.....
Elk Grove (e)	.....	.....	.....	.....	.....	.....	.....	77.0	77.6	68.3	60.7	44.5	.....	.....	.....	.....	.....
Elmira (g)	45.4	47.6	53.3	64.9	68.7	71.0	79.9	78.7	77.0	62.1	56.7	49.3	62.9	110	28	.....	.....
El Verano (g)	46.2	47.8	51.6	59.0	62.9	64.4	70.8	68.2	68.4	60.5	54.6	48.8	58.6	102	27	.....	.....
Emigrant Gap (g)	30.6	28.9	33.8	42.8	48.5	51.5	67.5	67.7	55.1	51.3	49.2	32.2	46.6	90	8	.....	.....
Escondido	50.8	53.6	57.8	61.2	.....	.....	72.2	72.7	70.0	64.8	57.6	51.6	.....	.....	27	.....	.....
Esparto (g)	44.8	46.2	51.1	62.3	66.1	68.1	84.5	83.7	75.3	.....	.....	.....	.....	.....	.....	.....	.....
*Eureka	45.6	43.6	46.4	48.6	51.0	54.4	54.4	57.3	56.0	53.9	50.7	46.0	50.7	79	28	Mar. 22	Dec. 10
Exeter (g)	46.9	49.9	66.2	65.7	70.1	71.3	76.9	83.9	76.7	65.8	60.0	51.1	65.4	106	28	.....	.....
Fall Brook (a)	45.2	45.8	49.8	56.6	59.3	62.3	68.2	68.9	66.5	60.7	54.4	50.2	57.3	109	30	.....	.....
Farmington (g)	46.8	50.1	51.6	62.0	65.9	70.6	75.4	72.8	68.2	58.3	57.4	47.3	60.5	111	23	.....	.....
Felton (g)	48.2	52.1	55.1	58.1	62.4	65.4	69.3	69.6	68.0	59.0	57.6	52.0	59.7	110	20	.....	.....
Fernando (g)	47.0	45.7	51.3	57.5	59.5	61.5	72.3	72.1	69.1	65.1	60.3	50.7	59.3	108	28	.....	.....
Florence (g)	52.5	49.4	59.6	63.0	64.8	67.2	68.4	71.3	67.3	60.7	64.3	55.8	62.0	94	30	.....	.....
Floria (a)	44.4	44.1	50.2	58.4	64.0	67.0	77.8	72.4	73.0	60.9	57.1	47.3	59.6	108	28	.....	.....
Folsom City (g) [1]	48.5	47.1	54.8	63.8	66.3	72.1	89.5	82.6	77.9	65.7	54.8	47.5	64.2	110	25	.....	.....
Folsom City (a) [3]	46.3	47.5	53.8	62.5	67.6	70.0	80.4	78.8	72.6	62.9	56.0	47.9	62.2	108	26	.....	.....
Fremontville (a)	.....	.....	.....	.....	59.2	62.3	65.7	67.0	65.7	62.3	54.7	51.6	.....	104	.....	.....	.....
French Corral	43.9	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Fresno	43.8	46.8	53.0	62.2	67.6	68.9	82.7	82.0	74.0	64.0	58.6	47.6	62.6	109	25	Mar. 4	Dec. 2
Fresno (g) [1]	46.6	49.9	55.9	65.9	70.7	72.0	86.9	83.2	74.7	68.1	62.0	49.2	65.4	111	26	.....	.....
Fruto (g)	44.6	46.5	54.1	62.4	68.9	71.5	80.5	82.4	74.9	64.9	60.6	50.9	63.5	107	30	.....	.....
Galt (g)	47.0	48.8	54.2	63.4	67.0	69.8	80.4	81.3	72.7	63.6	56.9	48.7	62.8	111	28	.....	.....
Georgetown	39.5	39.4	46.2	55.3	58.8	59.6	74.6	75.4	66.9	59.0	57.2	40.8	56.1	97	15	.....	.....
Gilroy (g)	45.7	48.2	51.3	63.0	66.1	63.2	66.0	67.1	66.0	61.2	56.5	49.4	58.2	108	22	.....	.....
Girard (g)	36.9	36.7	43.5	52.6	59.2	61.8	73.6	74.6	65.9	56.5	54.9	42.8	54.9	95	11	.....	.....
Glen Ellen (g)	44.6	46.1	55.5	59.1	62.7	64.4	69.1	68.9	66.5	59.3	52.3	48.2	58.1	106	25	.....	.....
Goshen (g)	45.8	47.4	58.5	68.6	74.0	71.6	89.0	83.9	75.2	62.7	59.5	49.3	65.5	109	22	.....	.....
Greenville (a)	.....	.....	37.2	45.4	54.1	56.2	67.8	65.6	55.5	48.0	38.6	27.4	.....	.....	.....	.....	.....
Gridley (a)	42.2	43.7	51.2	60.8	68.1	69.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haywards (g)	45.8	45.9	56.1	56.1	60.1	62.6	64.3	65.4	65.1	57.5	55.4	48.9	56.4	102	32	.....	.....
Healdsburg (a)	41.1	41.9	47.4	53.8	57.2	58.7	66.1	67.2	62.2	60.8	57.3	43.6	54.8	110	28	.....	.....
Hollister (g)	47.9	49.1	53.1	61.9	61.8	64.4	67.3	68.9	63.8	61.9	58.4	52.1	59.1	102	20	.....	.....

[1] Pacific Railway system. [2] A. C. Hillman. [3] J. H. Sturges.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
California—Continued.																	
Hornbrook (g)	36.4	34.6	43.9	52.1	61.5	65.6	76.5	79.7	64.8	52.8	42.6	35.1	53.8	100	5	.....	.....
Huron (g)	53.4	51.0	52.3	59.7	66.4	69.9	84.6	86.4	74.8	65.0	59.7	51.9	64.6	108	32	.....	.....
Hydesville	45.0	42.1	47.0	49.9	53.4	57.5	58.2	62.6	57.8	54.0	52.8	44.4	52.1	92	23	.....	.....
*Independence	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38.4	.....	.....	.....	.....	.....
Independence[1]	37.2	.....	.....	60.0	66.0	67.0	79.1	77.2	69.0	61.8	54.7	.....	.....	102	9	.....	.....
Indio (g)[2]	54.1	44.9	64.5	75.3	79.4	80.5	95.8	90.0	87.5	79.2	70.5	55.3	73.1	117	23	.....	.....
Indio[3]	.....	.....	66.2	75.7	79.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ione (g)	43.4	44.2	53.0	63.5	68.4	69.5	77.1	78.6	70.6	63.1	56.5	51.4	61.6	108	24	.....	.....
Iowa Hill (a)	40.6	40.4	47.0	57.1	61.0	62.1	76.0	76.4	69.2	61.2	58.7	42.2	57.6	100	20	.....	.....
Jackson	38.8	39.7	45.0	55.0	58.0	57.9	72.8	73.3	66.2	58.0	55.1	38.8	54.9	102	21	.....	.....
Julian	.....	.....	47.2	57.5	.....	.....	.....	.....	.....	*59.6	58.1	44.6	.....	.....	.....	.....	.....
*Keeler‡	38.0	41.0	50.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Keeler (g)[2]	38.0	40.7	50.7	60.0	67.3	72.5	84.4	81.1	71.5	68.0	58.0	44.4	61.4	109	19	.....	.....
Keene (g)	39.9	41.1	46.2	55.1	62.5	64.2	77.9	77.5	67.4	59.6	57.2	45.5	57.8	98	12	.....	.....
Kelseyville	45.5	46.1	.....	56.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kennedy Gold Mine	42.2	43.1	48.6	57.0	60.5	61.9	76.2	76.8	70.2	61.0	57.4	44.3	58.4	105	22	.....	.....
King City (g)	46.6	47.0	49.5	63.3	62.9	60.4	69.9	72.9	74.1	63.4	60.6	50.3	60.1	114	20	.....	.....
Kingsburg (g)	46.5	48.7	54.0	63.3	73.6	74.4	86.5	82.0	73.1	67.7	59.6	48.2	64.8	108	25	.....	.....
Knights Landing (g)	45.4	44.6	53.3	60.6	70.4	72.4	86.3	78.5	78.9	60.4	52.2	45.3	62.4	108	26	.....	.....
Kono Tayee	42.8	43.7	48.8	57.6	60.9	64.1	76.4	77.6	69.3	60.8	55.6	44.4	58.5	99	29	.....	.....
La Grange (e)	46.2	47.2	53.3	62.6	66.2	70.0	84.2	83.2	76.2	66.0	60.4	48.9	63.9	114	25	.....	.....
La Porte (a)	.....	.....	.....	42.7	48.2	50.7	62.0	61.5	53.6	48.2	44.6	30.6	.....	88	.....	.....	.....
Lathrop (g)	45.4	47.7	53.4	62.6	67.4	68.6	79.2	77.4	73.7	63.2	56.2	48.9	62.0	108	28	.....	.....
Laurel (g)	44.4	45.7	49.5	57.7	57.9	60.8	65.3	68.2	67.4	60.2	57.7	47.3	56.8	105	24	.....	.....
Lemoore (g)[2]	44.6	45.0	53.8	64.1	69.6	72.6	86.0	84.9	72.3	64.0	55.5	47.5	63.5	108	23	.....	.....
Lemoore[4]	45.0	47.0	43.6	63.3	68.4	69.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lick Observatory	35.9	35.6	40.4	49.4	51.6	52.6	71.3	71.4	63.5	55.5	57.5	37.2	51.8	92	16	.....	.....
Livermore (g)	46.3	49.0	49.9	55.5	59.7	62.0	69.5	71.1	69.8	60.7	56.7	49.4	58.3	105	30	.....	.....
Livingston (g)	47.7	49.7	61.2	66.2	71.6	74.6	85.5	81.1	77.1	66.0	61.1	49.4	65.9	114	28	.....	.....
Lodi	45.0	46.8	53.1	59.6	63.0	65.0	74.2	73.4	69.8	62.0	55.1	47.1	59.5	104	24	.....	.....
Long Beach (g)	47.7	49.9	53.2	57.2	60.3	61.5	62.5	69.2	68.1	65.0	58.6	55.3	59.0	100	28	.....	.....
*Los Angeles	50.7	51.4	53.8	58.8	60.2	62.7	67.4	70.0	69.2	65.8	59.4	53.8	60.3	99	32	Jan. 6	Nov. 13
Los Angeles (g)[2]	44.2	49.6	58.4	63.4	64.6	69.2	75.3	75.2	73.2	66.6	58.5	54.5	62.7	104	26	.....	.....
Los Banos (g)	45.0	46.1	53.3	69.9	71.8	76.3	83.7	81.5	70.6	61.3	52.9	46.2	63.2	106	23	.....	.....
Los Gatos (g)[2]	49.0	49.4	55.8	62.8	63.3	68.1	72.6	73.2	70.0	62.9	57.1	48.9	61.1	108	28	.....	.....
Los Gatos[5]	44.5	45.2	48.5	54.8	57.7	59.0	65.0	67.7	67.7	59.4	54.4	46.0	55.8	104	25	.....	.....
Mammoth Tank (g)	50.8	52.6	63.6	75.4	83.3	86.1	96.5	94.6	88.2	76.9	65.5	51.1	73.7	115	27	.....	.....
Manzana	37.7	39.2	48.8	55.9	58.9	61.7	77.1	81.4	71.7	62.0	57.2	40.6	57.7	105	14	.....	.....
Mariposa (a)	39.7	41.2	48.2	56.7	61.7	63.0	78.8	78.8	70.4	59.6	52.2	43.2	57.8	102	22	.....	.....
Martinez (g)	45.2	45.2	50.8	53.7	57.6	60.7	65.5	64.2	61.0	57.5	52.0	45.9	55.0	98	26	.....	.....
Marysville (g)	48.4	44.9	53.9	61.1	66.3	66.6	78.4	79.7	75.4	61.9	54.4	50.6	61.8	116	28	.....	.....
Mendoto (g)	.....	44.1	46.6	64.9	73.4	77.3	84.5	83.7	76.2	61.8	55.5	49.3	.....	.....	.....	.....	.....
Menlo Park (g)	47.0	47.7	49.9	58.6	59.7	63.1	67.8	67.3	66.4	61.2	55.5	49.0	57.8	98	30	.....	.....
Merced (g)	43.3	46.0	52.1	60.5	67.4	68.4	83.0	80.6	71.7	62.7	56.4	46.9	61.6	108	22	.....	.....
Middletown (a)	43.6	44.6	50.3	57.9	60.0	62.7	75.2	75.0	66.7	58.5	51.6	43.0	57.4	110	24	.....	.....
Milton (g)	42.9	45.3	51.4	59.5	65.7	65.9	82.4	78.6	72.5	62.0	54.7	45.6	60.5	113	23	.....	.....
Milton (near) (a)	44.2	46.3	52.5	62.5	65.8	66.7	76.9	78.0	75.3	64.2	60.9	48.2	61.8	111	27	.....	.....
Modesto (g)	45.9	48.0	53.4	63.6	69.3	74.3	82.4	86.8	78.9	68.0	63.0	48.1	65.1	107	27	.....	.....
Mohave (g)	41.0	42.5	53.7	64.0	69.8	69.8	84.0	89.0	76.0	67.9	58.3	44.7	63.4	108	16	.....	.....
Mokelumne Hill (c)	39.2	40.7	47.0	56.2	60.9	63.0	78.0	77.2	69.4	60.2	56.3	44.5	57.7	.....	24	.....	.....
Monson (g)	46.5	48.0	55.3	66.0	71.0	74.4	86.9	86.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montague (g)	40.0	36.5	47.1	57.1	61.9	67.3	81.0	80.4	69.6	61.6	46.9	34.6	57.0	101	10	.....	.....
Monterey (g)	46.1	47.7	51.7	56.6	58.6	59.3	60.4	62.1	66.4	57.9	54.6	51.9	56.1	88	26	.....	.....
Monterey, Hotel del Monte (g)	48.6	49.7	58.1	56.0	58.2	60.6	63.9	60.4	63.5	57.5	55.0	53.7	57.1	.....	.....	.....	.....
Mount Glenwood (g)	44.6	47.7	55.0	64.8	67.4	68.5	78.0	82.2	77.3	66.7	60.3	46.8	63.4	108	30	.....	.....
Napa (g)[2]	46.8	45.2	51.7	59.8	59.4	65.6	67.9	66.3	65.7	59.3	51.0	.....	.....	.....	.....	.....	.....
Napa[6]	47.0	48.2	52.9	60.5	63.2	64.1	68.6	69.1	69.6	61.9	56.2	50.0	59.3	102	30	.....	.....
National City	50.0	50.8	53.3	58.1	59.6	62.2	67.9	68.8	68.3	64.3	58.6	54.2	59.6	98	32	.....	.....
Needles	47.9	51.5	62.7	72.3	80.8	83.4	94.2	92.4	82.6	73.5	62.2	53.7	71.4	113	26	.....	.....
Neenach (a)	38.0	40.1	.....	.....	63.8	65.2	81.2	80.4	76.7	62.8	55.2	44.9	.....	110	14	.....	.....
Nevada	37.7	37.8	43.8	51.7	56.7	57.8	69.0	69.2	61.5	55.3	52.1	39.6	52.7	94	12	.....	.....
New Almaden (g)	46.2	49.4	52.3	57.9	62.4	63.0	68.8	70.9	69.4	62.2	58.2	50.3	59.2	106	26	.....	.....
Newark (g)	48.4	47.1	54.7	60.0	62.0	65.2	68.8	68.4	70.4	63.4	56.9	47.9	59.4	98	32	.....	.....
Newcastle[7]	41.4	42.6	49.2	57.9	62.7	63.8	78.1	76.8	71.8	61.8	58.3	42.5	58.9	105	23	.....	.....
Newcastle[2]	40.7	42.1	48.7	62.7	63.5	65.0	81.9	82.7	76.4	65.7	56.7	46.0	61.0	106	22	.....	.....
Newhall (g)	48.9	45.8	53.6	61.0	61.7	66.8	78.8	77.3	72.0	64.3	58.3	49.3	61.5	110	19	.....	.....
Newman (g)	44.1	49.4	54.1	69.3	72.1	72.3	86.0	82.9	75.5	64.2	55.6	45.8	64.4	116	25	.....	.....
Niles (g)	46.0	46.7	50.2	58.8	62.5	63.3	67.7	71.3	70.5	61.8	55.2	45.2	58.3	108	30	.....	.....
Nordhoff	45.9	46.6	51.0	56.2	.....	.....	.....	.....	.....	.....	63.1	49.4	.....	.....	.....	.....	.....
Norwalk (g)	50.0	50.7	52.1	61.5	65.5	68.4	72.6	73.1	70.4	63.6	57.3	51.6	61.4	108	20	.....	.....
Oakdale (a)[8]	41.9	42.2	51.3	60.4	65.3	67.3	79.6	78.5	71.2	60.8	51.3	45.0	59.7	108	20	.....	.....
Oakdale (g)[5]	44.5	45.6	51.8	61.0	66.5	69.0	80.2	79.3	72.7	63.0	54.8	47.5	61.3	108	22	.....	.....
Oakland[9]	44.7	47.8	51.6	57.0	58.6	60.6	59.0	59.4	60.6	59.0	55.9	48.8	55.2	91	29	.....	.....
Oakland (g)[2]	46.1	48.0	50.8	54.9	56.6	59.2	59.0	61.0	61.8	59.0	55.7	49.1	55.1	98	31	.....	.....
Ogilby (g)	50.0	53.9	66.6	75.9	84.1	85.8	97.6	97.1	88.6	81.4	71.9	55.0	75.6	119	33	.....	.....
Oleta (a)	39.8	40.8	46.6	54.4	58.8	59.9	71.7	71.6	64.5	56.3	51.2	42.2	54.8	100	20	.....	.....
Ontario (g)[2]	48.3	50.9	57.6	64.4	65.6	69.6	76.7	75.9	71.3	63.3	60.1	51.3	62.9	105	29	.....	.....
Ontario[10]	47.4	46.6	55.4	62.0	63.2	66.0	75.2	76.5	72.8	63.6	61.6	52.5	62.2	106	25	.....	.....
Orangevale	44.6	46.0	51.8	60.2	65.8	67.8	78.7	.....	72.6	.....	.....	44.8	.....	107	24	.....	.....
Orland (g)	45.6	48.5	53.0	62.4	66.5	71.3	83.3	83.9	75.9	64.2	58.8	44.9	63.6	110	29	.....	.....
Oroville (g)[2]	48.4	49.1	55.2	63.9	67.9	70.0	84.4	83.9	76.8	66.7	63.4	50.2	65.0	108	28	.....	.....
Oroville[11]	47.0	46.0	52.3	62.7	66.6	65.2	72.2	81.7	74.4	66.3	60.6	48.2	61.9	107	27	.....	.....
Pajaro (g)	46.6	52.9	52.0	54.5	57.7	59.4	63.3	63.2	61.5	57.9	55.9	54.1	56.6	101	26	.....	.....

[1] C. W. Craig.
[2] Pacific Railway system.
[3] William Brennan.
[4] L. M. Cole.
[5] F. H. McCullagh.
[6] W. H. Martin.
[7] C. H. Kellogg.
[8] Miss F. Groiersen.
[9] Chabot Observatory.
[10] Weekly Record.
[11] L. C. Jacobs.
‡ Station closed March 31, 1894.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
California—Continued.																	
Palermo	44.0	44.8	51.5	60.7	66.5	68.6	81.7	79.0	71.4	62.4	53.7	45.6	60.9	111	22	.....	.....
Palm Springs (g)	50.2	57.1	62.6	75.4	80.1	94.1	104.9	96.4	86.1	76.4	68.4	54.3	75.2	118	25	.....	.....
Pasadena	48.6	50.1	.....	.....	.....	.....	70.9	72.2	70.6	65.2	61.2	52.0	.....	.....	.....	.....	.....
Paso Robles (g) [1]	44.1	45.1	51.4	60.8	67.7	69.4	76.3	77.9	70.0	60.6	59.8	46.9	60.8	106	17	.....	.....
Paso Robles [2]	42.4	46.1	49.9	58.3	61.2	63.2	70.9	72.9	66.7	58.3	55.0	46.2	57.6	105	19	.....	.....
Petaluma (a)	47.5	49.5	53.0	59.5	61.8	61.9	66.4	67.0	67.1	60.9	54.0	49.1	58.1	110	28	.....	.....
Placerville (g) [1]	41.7	42.9	51.0	57.0	59.6	62.0	74.5	71.0	66.1	61.8	59.9	46.1	57.5	103	23	.....	.....
Placerville [3]	38.5	39.2	45.0	52.8	56.0	60.0	71.2	71.8	61.0	55.2	50.2	40.8	53.5	98	16	.....	.....
Pleasanton (g) [1]	47.4	48.4	50.6	57.5	64.1	65.9	70.8	70.3	66.4	60.9	54.9	50.6	59.0	107	22	.....	.....
Pleasanton [4]	42.8	43.2	46.8	54.3	58.4	61.2	68.8	69.1	65.0	58.3	51.8	.....	.....	.....	.....	.....	.....
Point Lobos	46.0	47.0	48.0	51.0	54.0	54.0	55.0	57.0	58.0	57.0	56.0	49.1	52.7	83	36	.....	.....
*Point Reyes Light	45.8	46.6	47.8	49.4	51.4	52.2	53.2	54.4	57.2	54.5	54.0	48.4	51.2	84	30	.....	.....
Pomona (g)	43.4	45.1	54.7	58.8	62.4	67.6	76.1	73.5	70.4	64.2	57.8	49.5	60.3	109	22	.....	.....
Pomona (near)	45.2	46.1	53.1	63.0	66.1	68.3	77.7	78.7	74.5	67.4	62.2	54.0	63.0	110	24	.....	.....
Portersville (g)	46.7	49.3	56.5	68.5	74.4	78.0	88.9	87.0	76.4	66.2	59.2	50.8	66.8	108	23	.....	.....
Port Los Angeles (g)	51.1	51.5	53.0	56.4	58.5	60.7	61.6	65.5	65.7	62.0	55.8	55.5	58.1	80	42	.....	.....
Poway (g)	39.2	43.4	47.5	54.6	57.0	59.4	.....	64.7	63.8	59.7	.....	50.1	.....	.....	23	.....	.....
Puente (g)	50.7	53.7	55.4	62.0	65.4	68.1	73.6	73.3	71.6	66.5	59.5	53.6	62.8	106	28	.....	.....
Ravenna (g)	41.7	44.5	50.0	59.7	62.0	71.7	83.6	77.8	69.7	63.7	61.1	48.1	61.1	106	24	.....	.....
*Red Bluff	42.4	45.3	51.5	61.3	66.8	69.1	83.0	82.1	74.8	63.9	59.4	45.0	62.0	110	27	Mar. 4	Dec. 1
Red Bluff (g) [1]	43.6	44.9	53.1	60.9	69.0	73.6	88.4	87.1	79.9	65.6	59.0	47.7	64.4	111	30	.....	.....
Redding (g) [1]	42.9	47.1	51.7	61.7	68.6	71.9	81.4	82.5	76.9	61.0	58.1	44.1	62.3	110	23	.....	.....
Redding [5]	41.5	44.4	50.6	60.4	65.3	67.6	81.8	81.8	73.8	63.2	58.6	44.2	61.1	109	25	.....	.....
Redlands (g)	46.9	46.7	52.1	61.9	63.2	68.4	80.1	77.9	71.4	67.1	62.1	52.6	62.5	108	28	.....	.....
Reedley (near) (a)	.....	.....	.....	.....	72.1	74.3	88.3	86.3	76.4	65.7	58.8	49.5	.....	108	28	.....	.....
Represa	46.0	49.2	52.2	56.9	63.0	65.4	76.4	74.4	69.0	59.6	54.0	40.4	58.9	103	26	.....	.....
Rio Vista	44.8	48.0	54.2	[6]64.2	65.2	66.4	75.0	74.6	72.0	62.4	57.0	46.2	60.8	106	25	.....	.....
Riverside	47.3	48.4	54.2	60.3	62.4	63.8	75.2	74.4	71.6	64.8	61.5	53.2	61.4	108	26	.....	.....
Rocklin (g)	50.2	51.3	55.9	63.3	68.7	71.2	83.2	80.0	73.1	64.8	57.1	49.2	63.9	109	28	.....	.....
Rosewood (a)	40.0	41.0	49.0	59.0	66.0	69.0	79.6	79.0	70.9	58.9	50.4	43.0	58.8	110	21	.....	.....
*Sacramento	44.4	47.2	53.3	61.3	63.7	64.8	74.0	74.6	71.8	63.4	58.2	46.9	60.3	108	26	Mar. 4	Dec. 1
Sacramento [6]	39.6	43.7	54.0	60.0	63.3	63.8	69.5	68.6	64.0	59.4	56.8	48.4	57.7	97	19	.....	.....
Sacramento (g) [7]	45.4	49.3	54.7	62.0	65.5	66.0	71.1	72.1	69.9	62.4	54.2	.....	.....	.....	.....	.....	.....
Sacramento (g) [8]	45.1	47.7	53.5	62.2	67.7	.....	.....	76.7	70.8	60.8	58.3	46.3	.....	.....	.....	.....	.....
Salinas (g)	47.9	49.6	50.7	51.6	54.7	60.2	63.6	64.7	63.1	56.3	53.0	49.5	55.4	94	26	.....	.....
Salton (g)	53.2	54.6	68.6	80.4	84.1	90.3	100.1	99.3	91.4	82.7	68.3	54.2	77.3	119	24	.....	.....
San Ardo (g)	44.9	46.9	51.4	59.4	62.6	63.1	62.0	69.8	66.9	58.7	56.8	47.2	57.5	115	19	.....	.....
San Bernardino	47.0	47.8	54.0	60.3	62.8	65.8	74.6	75.4	70.4	64.6	60.0	49.7	61.0	102	23	.....	.....
*San Diego	49.5	50.5	52.6	56.4	58.6	61.4	64.8	67.0	65.9	62.8	57.1	54.8	58.4	90	32	(†)	None
*San Francisco	47.7	48.4	50.6	55.2	55.4	55.9	56.4	59.2	63.4	59.6	59.4	49.7	55.1	94	36	Jan. 6	None.
San Gabriel (g)	47.3	48.2	56.0	61.5	67.1	68.4	72.7	75.2	72.9	66.8	58.6	53.0	62.3	102	28	.....	.....
Sanger Junction (g)	46.4	50.9	55.8	67.2	70.7	72.8	85.8	84.4	78.0	69.5	64.2	47.6	66.1	110	27	.....	.....
San Jacinto	46.6	47.2	53.4	60.6	61.6	64.7	77.0	76.5	71.5	65.5	61.6	49.4	61.3	105	20	.....	.....
San Jose (g) [1]	47.3	48.6	49.8	57.6	60.8	62.1	67.6	67.7	67.6	61.0	57.0	50.0	58.1	101	28	.....	.....
San Jose [9]	44.6	45.7	48.2	54.4	58.3	59.6	64.4	66.2	63.3	57.4	52.0	46.2	55.0	98	18	.....	.....
San Leandro (a)	.....	.....	.....	.....	.....	.....	.....	.....	.....	62.4	59.3	55.2	.....	.....	.....	.....	.....
*San Luis Obispo	.....	.....	.....	.....	.....	.....	.....	65.4	65.2	62.7	59.9	51.7	.....	.....	.....	.....	Nov. 15
San Luis Obispo (g) [1]	.....	.....	.....	.....	.....	.....	64.9	66.8	66.2	.....	58.8	53.0	.....	.....	.....	.....	.....
San Mateo (g)	49.3	49.9	51.7	59.9	62.4	62.7	67.4	67.8	69.6	62.3	57.6	51.9	59.4	99	32	.....	.....
San Miguel (g)	44.7	46.9	53.8	59.7	64.1	69.1	77.3	76.3	69.2	61.3	56.8	53.1	61.0	106	21	.....	.....
San Miguel Island	.....	.....	52.2	55.7	57.4	56.6	58.4	60.4	62.5	61.2	57.0	53.7	.....	.....	.....	.....	.....
San Pedro (g)	52.2	54.2	58.3	62.5	63.4	66.9	70.2	72.8	70.9	65.8	60.4	57.6	62.9	96	37	.....	.....
San Rafael	45.5	46.6	47.2	52.0	56.0	55.4	.....	.....	60.2	60.3	56.5	47.4	.....	.....	.....	.....	.....
Santa Ana (g)	52.5	55.8	59.5	67.7	67.7	75.1	74.5	75.3	70.5	68.7	58.5	53.8	65.0	110	32	.....	.....
Santa Barbara [10]	49.7	50.9	53.4	57.1	58.0	61.4	62.8	65.9	65.9	62.6	57.4	54.1	58.3	94	33	.....	.....
Santa Barbara (g) [1]	53.9	49.8	54.3	58.7	60.5	60.6	62.0	64.5	65.7	65.7	61.2	54.9	59.3	90	40	.....	.....
Santa Clara (f) [11]	46.0	48.6	50.6	55.6	58.6	60.0	63.8	65.5	65.6	59.3	55.6	48.8	56.5	99	27	.....	.....
Santa Clara [12]	.....	52.0	52.0	56.4	60.6	62.8	67.0	70.5	68.4	64.6	57.5	47.0	.....	108	.....	.....	.....
Santa Cruz (g) [1]	48.7	49.7	52.4	55.9	58.7	60.2	62.9	64.1	63.5	61.9	57.2	50.3	57.2	98	30	.....	.....
Santa Cruz [13]	48.8	49.4	52.3	58.1	59.2	62.0	63.8	65.4	64.6	61.4	58.7	54.2	58.2	101	27	.....	.....
Santa Margarita (g)	38.5	44.7	49.6	58.6	62.0	65.0	67.8	68.5	62.6	58.7	52.8	48.2	56.4	100	19	.....	.....
Santa Maria	48.4	48.6	51.7	.....	56.0	[4]59.1	63.4	66.0	66.8	64.8	57.6	54.2	.....	.....	.....	.....	.....
Santa Monica (g)	45.8	47.4	52.2	58.1	60.1	68.3	66.2	67.7	67.1	63.3	53.0	51.4	58.4	84	26	.....	.....
Santa Paula (g) [1]	46.2	48.3	52.3	58.6	60.8	64.1	64.6	67.3	65.6	62.0	53.1	49.8	57.7	96	28	.....	.....
Santa Paula [14]	48.0	50.0	54.0	64.0	56.2	59.6	62.2	[5]64.8	63.8	59.0	51.2	47.4	56.7	96	27	.....	.....
Santa Rosa (g)	47.2	48.7	52.1	58.5	62.0	64.0	68.3	68.0	66.0	60.0	54.2	50.7	58.3	106	26	.....	.....
Selma (g)	45.7	48.5	55.5	66.2	73.2	73.4	83.7	82.4	73.0	64.3	56.8	48.0	64.2	105	26	.....	.....
Shasta Springs	36.6	33.2	39.8	49.1	55.5	59.3	67.1	66.1	59.8	52.2	46.8	33.8	49.9	94	11	.....	.....
Shingle Springs (g)	41.8	42.9	47.7	55.4	60.0	60.3	71.5	79.1	76.8	59.5	53.6	45.9	57.9	108	19	.....	.....
Sima (g)	34.7	36.2	42.7	51.6	58.7	60.7	72.6	71.2	62.4	64.7	.....	.....	.....	.....	.....	.....	.....
Sisson (g)	30.8	32.7	38.7	46.3	56.7	59.9	69.7	69.3	58.0	55.3	43.9	31.6	49.4	100	4	.....	.....
Soledad (g)	46.2	47.5	51.1	57.4	60.7	65.5	65.1	64.9	64.5	60.6	57.2	49.7	57.5	106	22	.....	.....
Sonoma (d)	43.8	44.9	47.8	[3]52.7	56.2	58.2	61.4	62.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Vallejo (g)	48.3	48.2	52.6	59.7	61.1	63.5	63.5	64.4	68.0	59.9	55.0	49.8	57.8	92	32	.....	.....
Spadra (g)	49.2	51.3	55.6	62.2	65.0	70.7	74.7	74.4	72.2	66.0	58.5	51.5	62.6	110	30	.....	.....
Stanford University	.....	.....	.....	.....	58.8	61.6	65.5	67.6	67.3	59.9	56.4	48.0	.....	.....	.....	.....	.....
Stockton [15]	44.1	46.2	52.2	60.0	63.6	64.4	73.0	73.0	70.0	61.7	55.6	46.4	59.2	103	26	.....	.....
Stockton (g) [1]	49.2	50.4	55.5	62.3	67.8	75.3	77.6	85.7	72.0	58.8	57.2	49.4	63.4	106	26	.....	.....
Suisun City (g)	45.6	48.7	53.9	62.2	64.2	64.3	67.9	71.7	73.1	63.9	58.4	49.2	60.3	103	26	.....	.....
Summit (g)	24.0	23.9	28.9	35.5	43.1	47.2	63.2	62.0	51.9	45.9	41.7	36.7	42.0	78	— 5	.....	.....
Susanville (a)	29.9	30.0	39.1	47.8	55.5	59.9	72.2	74.0	60.0	52.9	45.7	31.8	49.9	96	3	.....	.....
Sutter Creek (e)	37.4	38.0	44.2	54.8	57.1	57.9	72.4	72.8	67.1	56.4	51.4	39.4	54.1	102	18	.....	.....
Tehachapi (g) [1]	34.1	35.2	42.4	54.3	61.4	60.8	77.9	75.8	70.6	63.8	59.3	40.1	56.4	90	12	.....	.....

[1] Pacific Railway system.
[2] Southern Coast Range Station.
[3] G. W. Barlow.
[4] A. G. Platt.
[5] L. F. Bassett.
[6] S. H. Gerrish.
[7] Division superintendent, Pacific Railroad.
[8] Company's shops, Pacific Railroad.
[9] Dr. A. C. Simonton.
[10] Hugh D. Vail.
[11] A. Block.
[12] R. L. Higgins.
[13] W. R. Springer.
[14] N. R. Blanchard.
[15] T. G. Brown.
† None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
California—Continued.																	
Tehachapi [1]	33.4	32.2	41.6	51.9	56.8	.....	80.0	83.0	75.4	68.2	63.1	52.9	66.0	108	29	.....	.....
Tehama (g)	52.7	49.4	55.1	61.3	69.6	73.1	69.0	71.0	63.0	57.0	54.7	48.3	57.5	105	20	.....	.....
Templeton (g)	44.9	47.3	52.7	58.7	60.0	63.0	69.0	71.0	63.0	57.0	54.7	48.3	57.5	105	20	.....	.....
Towles (g)	37.3	36.7	42.8	52.3	58.8	59.6	74.0	70.6	62.3	55.2	53.1	37.9	53.4	94	12	.....	.....
Tracy (g)	43.6	47.1	53.6	64.8	72.5	78.8	72.5	74.2	72.9	64.4	57.1	47.0	62.4	104	29	.....	.....
Traver (g)	45.9	51.6	59.3	70.6	78.5	76.5	93.1	86.6	75.5	60.1	.....	48.2	.....	.....	.....	.....	.....
Tropico (g)	48.9	48.2	55.3	59.8	61.7	63.4	66.5	68.9	68.7	61.2	59.1	52.6	59.8	102	28	.....	.....
Truckee (g)	23.2	23.7	31.0	41.7	67.4	48.2	.....	65.6	58.3	46.7	38.8	25.7	.....	.....	—12	.....	.....
Tulare (g) [2]	45.7	49.4	53.7	65.7	71.0	73.2	85.2	82.1	72.8	62.7	57.3	50.2	64.1	107	25	.....	.....
Tulare [3]	47.4	49.8	55.2	64.0	69.2	70.9	83.8	83.6	72.0	64.8	61.0	50.6	64.4	118	24	.....	.....
Turlock (e) [2]	49.4	48.8	57.6	68.4	73.2	75.3	85.7	85.2	78.9	67.7	60.5	50.6	66.8	110	29	.....	.....
Turlock [4]	42.7	46.4	51.9	60.4	65.8	67.1	77.6	77.4	70.6	61.6	54.8	45.8	60.2	110	19	.....	.....
Ukiah	43.6	43.5	48.2	54.5	59.5	61.4	71.2	71.6	65.8	58.0	53.0	44.0	56.2	103	22	.....	.....
Upper Lake	41.6	42.5	48.8	56.9	61.0	62.3	75.0	75.2	68.8	60.8	55.8	42.5	57.6	107	20	.....	.....
Upper Mattole (a)	48.0	44.6	51.0	56.0	58.5	60.2	68.0	66.6	65.8	.....	57.7	48.9	.....	102	27	.....	.....
Vacaville (a) [5]	45.4	47.6	53.0	62.8	65.3	66.2	77.5	76.3	73.3	64.1	59.5	49.0	61.7	110	28	.....	.....
Vacaville (g) [2]	45.7	47.9	55.1	65.9	68.8	70.7	76.3	77.4	67.7	64.9	59.4	48.3	62.3	115	28	.....	.....
Valley Springs (g)	47.7	49.5	56.2	65.1	69.9	73.2	82.1	81.6	74.9	65.4	64.9	49.0	65.0	106	26	.....	.....
Ventura	50.0	50.3	51.4	55.0	58.9	59.1	60.0	64.8	64.2	61.0	54.4	53.9	56.8	92	33	.....	.....
Vina (g)	45.5	48.1	54.6	63.8	68.4	73.5	87.5	86.1	79.3	65.5	57.9	47.1	64.8	110	29	.....	.....
Volcano Springs (g)	51.3	55.3	71.5	84.0	89.8	89.7	97.8	98.9	88.2	90.2	72.9	59.4	79.1	123	28	.....	.....
Walnut Creek	42.7	46.3	51.8	59.8	61.0	62.3	73.2	72.0	70.6	60.1	56.2	44.8	58.4	109	22	.....	.....
Weaverville	42.6	44.4	46.8	55.1	60.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Westley (g)	46.7	48.7	57.6	68.8	70.7	71.4	82.6	81.1	77.7	64.5	59.3	49.7	64.9	108	30	.....	.....
Wheatland	43.8	46.4	52.6	60.9	65.0	66.5	78.2	77.2	72.6	63.6	58.4	45.8	60.9	108	22	.....	.....
Whittier (g)	55.2	57.6	59.4	62.9	65.7	69.0	72.5	78.3	73.5	70.8	60.8	55.5	65.1	109	32	.....	.....
Williams (g)	43.4	47.4	54.4	62.6	68.6	72.2	84.3	81.5	71.2	65.4	56.6	46.9	62.9	109	26	.....	.....
Willows [6]	40.6	41.9	48.3	58.0	63.5	66.4	82.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Willows (g) [2]	43.6	44.7	50.6	62.0	68.6	71.4	84.7	83.3	75.6	64.4	59.7	48.7	63.1	108	29	.....	.....
Wilmington (e)	.....	.....	.....	.....	64.8	69.4	72.6	74.6	71.6	67.4	61.3	57.0	.....	98	.....	.....	.....
Winchester	46.2	47.6	53.3	60.5	62.9	66.3	77.6	76.7	.....	.....	60.1	50.6	.....	.....	.....	.....	.....
Winters (g)	46.3	48.9	54.8	64.4	70.8	74.0	84.3	82.9	75.3	61.3	54.8	45.3	63.6	110	30	.....	.....
Wire Bridge (e)	43.8	47.6	51.0	61.7	65.2	67.1	79.6	78.4	71.2	61.4	54.6	45.8	60.6	103	22	.....	.....
Woodland (g)	43.5	46.1	50.7	62.6	66.5	69.5	77.2	76.9	70.7	66.8	58.1	47.9	61.4	110	30	.....	.....
Yreka	35.2	32.9	42.5	49.8	58.8	61.4	70.8	72.1	69.8	53.6	44.7	31.6	51.2	101	1	.....	.....
Yuba City (e)	46.0	49.2	56.9	64.6	67.1	74.2	84.2	80.7	75.6	64.4	52.6	46.3	63.5	106	32	.....	.....
Colorado.																	
Akron	28.4	26.4	38.4	48.4	60.5	66.7	75.8	72.8	63.8	.....	.....	.....	.....	.....	.....	.....	.....
Alma	14.7	11.8	23.1	31.3	41.1	*44.4	50.6	50.0	43.4	36.9	32.3	18.4	33.2	75	—23	.....	.....
Antlers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38.2	28.4	.....	.....	.....	.....	.....
Boulder	32.0	*27.6	42.2	52.6	.....	.....	69.0	68.0	.....	.....	.....	31.0	.....	.....	.....	.....	.....
Breckenridge	12.0	9.8	23.3	29.4	42.0	46.0	50.9	51.4	45.6	37.1	29.6	17.5	32.9	82	—28	.....	.....
Brush	22.0	*17.6	39.2	50.8	*61.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 21	.....
Byers (a)	25.4	21.8	33.9	41.5	50.1	60.0	69.8	70.9	59.1	47.5	39.1	25.4	45.4	96	—14	May 9	Oct. 27
Canyon	33.7	26.6	43.8	52.7	60.5	66.4	71.4	69.8	61.8	55.4	46.2	34.3	51.9	96	—13	May 1	Sept. 24
Castle Rock	26.8	22.4	38.8	47.0	56.2	63.0	68.6	67.2	60.2	51.1	.....	.....	.....	97	.....	May 22	Sept. 23
Cheyenne Wells (a)	26.0	19.3	35.0	44.0	55.6	69.0	77.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Climax (a)	7.7	7.0	15.3	20.4	31.6	39.9	44.8	41.8	39.7	29.6	26.7	14.6	26.6	70	—15	.....	.....
*Colorado Springs	28.3	22.9	37.2	45.8	55.6	61.8	66.8	65.2	57.8	.....	‡41.6	‡20.9	.....	90	—10	May 1	Sept. 24
Como	16.4	14.5	26.0	33.9	43.2	48.4	54.8	54.2	46.8	39.2	.....	.....	.....	77	.....	June 28	Sept. 11
Cope	29.1	23.0	40.2	51.8	62.5	70.4	75.1	75.4	65.2	56.8	43.4	29.9	51.9	105	—15	Apr. 20	Oct. 7
Craig	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crook	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.8	.....	.....	.....	.....	.....
Deertrail (e)	30.9	24.4	40.9	51.8	62.2	71.4	74.7	75.4	67.8	59.4	46.5	33.5	53.2	97	—10	Apr. 20	Oct. 7
Delta	24.0	24.2	41.8	50.4	62.4	66.6	75.8	73.2	66.0	49.5	37.4	31.0	49.7	106	—14	June 8	Sept. 9
*Denver	31.4	24.9	40.2	49.6	59.0	66.0	71.6	71.2	62.6	54.0	44.8	31.7	50.6	96	— 8	Apr. 29	Oct. 7
Divide Exp. Station	23.8	18.4	32.6	41.4	50.9	57.6	63.1	62.0	*55.0	48.6	39.5	28.1	43.4	86	—17	May 24	Sept. 14
Downing	32.8	24.2	41.5	50.5	61.0	66.3	71.4	68.3	58.7	55.0	43.2	29.1	50.2	96	—15	May 2	Sept. 24
Dumont	25.6	21.6	35.4	41.3	50.2	57.3	63.4	62.4	54.8	48.0	42.0	28.9	44.2	93	—13	June 8	Sept. 30
Durango	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.2	42.1	33.0	.....	.....	.....	.....	.....
First View (f)	29.8	22.5	41.8	54.3	64.0	70.6	75.6	74.2	62.3	52.6	42.9	32.0	51.9	100	—10	Apr. 4	Oct. 28
Fort Collins	23.9	18.7	37.4	48.4	57.0	63.0	69.0	68.3	58.9	51.3	40.5	25.6	46.8	94	—24	May 1	Oct. 24
Glen Eyrie	29.4	24.0	38.6	47.8	55.6	61.4	65.2	64.4	57.4	51.6	42.3	31.0	47.4	86	— 6	May 1	Sept. 24
Glenwood Springs	27.3	27.4	44.2	51.4	59.0	63.2	70.1	71.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gold Hill (e)	27.0	25.3	36.7	45.0	51.6	57.8	64.4	64.0	56.2	48.7	42.7	34.4	46.2	88	—14	May 1	Aug. 2
Grand Junction	25.9	29.8	45.6	53.4	64.9	70.4	79.2	76.5	63.9	52.9	42.1	34.7	53.3	100	3	Apr. 18	Oct. 28
Greeley	.....	19.5	37.2	*48.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 21	.....
Greenhorn	.....	.....	35.6	47.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gunnison	1.8	4.2	26.2	40.6	49.0	51.6	62.6	60.8	47.6	*42.4	.....	8.4	.....	.....	.....	June 30	Sept. 31
Hugo (e)	27.8	24.5	42.7	55.4	64.0	72.6	79.7	78.9	68.0	60.8	40.4	28.9	53.6	104	—14	Apr. 18	Oct. 30
Hugo (near)	26.0	20.6	36.0	46.0	55.5	61.6	66.1	65.3	56.4	47.2	38.7	28.0	45.6	93	—14	May 19	Sept. 22
Husted	29.0	24.2	39.4	47.0	55.6	61.8	67.4	66.2	58.6	50.8	43.0	31.2	47.8	96	—13	May 11	Sept. 15
Idaho Springs	24.5	21.2	31.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Julesburg	22.0	20.9	44.4	54.2	62.4	69.4	75.1	74.0	63.9	51.6	37.4	23.2	49.9	105	—28	Apr. 21	Oct. 6
Kit Carson (a)	24.8	22.0	44.8	.....	.....	72.9	.....	78.4	63.0	56.4	40.2	31.2	.....	.....	.....	.....	.....
La Jara	23.6	21.9	36.7	45.4	54.4	59.9	66.0	64.5	57.4	49.9	40.4	28.0	45.7	89	—10	June 9	Sept. 15
Lake Moraine	.....	.....	.....	.....	40.6	48.4	53.3	51.4	46.4	40.8	34.4	22.8	.....	.....	.....	.....	.....
Lamar	32.3	.....	.....	.....	.....	.....	78.1	75.4	70.5	.....	.....	.....	.....	.....	.....	.....	.....
Las Animas	31.4	17.8	42.9	53.2	60.8	68.2	74.8	72.0	64.1	54.2	44.8	30.2	51.2	101	—24	May 2	Oct. 4
Lavender	.....	.....	.....	46.8	55.6	60.6	69.8	67.4	56.6	47.7	39.2	27.0	.....	.....	.....	.....	.....
Lay (a)	14.6	11.0	33.3	43.4	54.4	65.2	69.6	74.0	53.0	54.8	33.6	19.0	43.8	100	—23	June 14	Sept. 13
Le Roy (a)	22.4	20.1	36.9	50.4	62.1	70.3	75.5	73.8	*62.3	52.1	*39.5	27.7	49.4	102	—16	Apr. 18	Sept. 24
Longmont	22.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meeker	14.9	16.2	36.8	45.0	55.8	59.4	.....	.....	54.2	45.2	37.0	24.5	.....	.....	.....	.....	.....
Minneapolis	33.1	23.8	44.7	55.2	65.0	70.7	77.2	74.2	65.8	58.0	45.8	35.3	54.1	104	—16	Apr. 29	Oct. 27
Monte Vista	19.5	17.6	33.3	43.0	51.2	56.8	63.6	62.7	52.1	45.4	35.7	23.2	42.0	88	—15	June 9	Sept. 29
Moraine	22.5	18.9	31.6	40.2	47.2	52.4	59.6	58.4	50.6	44.9	38.0	26.6	40.9	83	—16	June 25	Sept. 10

[1] Austin Young. [2] Pacific Railway system. [3] Experiment station. [4] P. R. McCabe.
[5] G. O. Coburn. [6] A. W. Sehorn. ‡ H. J. Benson, voluntary observer.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Colorado—Continued.																	
Ouray												27.9					
Pagoda	17.6	11.7	31.9	42.0	50.6	56.2	65.2	63.9	51.8	43.2	35.4	19.7	40.8	94	—23	May 17	Sept. 14
Parachute	23.3	29.0	43.2	50.7	61.1	65.5	74.0	73.4	59.8	49.8		30.0					
*Pikes Peak	0.6	—0.4	8.6	15.6	25.6	29.2	37.3	36.2	29.2							(‡)	(‡)
*Pueblo	31.7	23.4	43.2	52.0	61.4	68.6	73.6	72.2	64.6	54.4	43.6	31.4	51.7	97	—17	May 1	Oct. 8
Rangely							72.8	70.2	55.0	39.1	33.3	22.0					
River Bend (*f*)	31.7	28.7	44.1	57.5	67.2	78.7	81.2	82.3									
Rocky Ford	31.3	24.5	43.3	53.4	64.0	69.6	75.0	78.0	64.2	54.2	41.1	31.1	52.5	101	—23	May 1	Sept. 24
Saguache				44.2	53.2	*57.8	64.3	63.0	54.4	43.7	33.8	21.6					
San Juan								*56.4	48.5	40.0	31.4	13.9					
San Luis	19.9	21.0	36.0	43.4	53.2	58.0	64.1	62.6	54.1	46.8	37.0	25.8	43.5	91	—29	June 9	Sept. 15
Santa Clara (*a*)									§53.9			26.2					
Smoky Hill Mine	28.2	23.7	34.8	43.3	50.2	57.0	62.2	63.1	56.4	*51.1	44.0	31.4	45.4	86	—15	May 23	Sept. 14
Stamford (*a*)	19.6	17.2	27.2	33.6	42.6	47.2	53.0	50.8	44.9	40.8	36.0	24.4	36.4	80	—15	May 25	Sept. 11
Steamboat Spring	13.6	6.7	26.0	38.9	53.2	57.1	64.4		53.2	46.4							
Sunnyside	17.9		27.4	35.6	42.8	49.2	54.8	54.6	*45.9	41.5	34.8	26.8					
Surface Creek	25.4	25.1	40.7	48.2	57.4	61.2	70.2	68.2	58.9	49.8	40.6	30.6	48.0	96	— 1	May 17	Sept. 11
Thon	28.9	25.4	38.3	47.2	57.0	64.5	70.6	69.2	60.0	52.2	42.8	31.4	49.0	100	—11	May 23	Sept. 29
T. S. Ranch	24.0	25.2	42.4	50.4	*61.0	63.5	72.0		*60.3		*41.2	31.6					
Vernon					67.8	70.8	76.2	77.2	69.0	61.2	47.8	31.6					
Watkins (*a*)	32.0	24.1	36.0	49.2	61.3	69.6	76.8	78.0		55.2	41.8	34.1					
Connecticut.																	
Bridgeport (*a*)	30.3	26.3	39.8	46.4	58.1	68.4	73.3	72.7	65.8	53.0	38.3	31.5	50.3	94	— 2	Apr. 18†	Oct. 16†
Canton	27.4	23.4	39.9	47.6	58.1	68.6	72.6	67.1	66.6	51.6	35.8	27.6	48.9	97	—16	Apr. 12†	Oct. 16†
Colchester	29.9	24.8	41.2	46.2	57.7	67.0	71.7	67.4	64.0	52.5	35.7	*32.5	49.2	93	— 7	Apr. 18†	Nov. 6†
Hartford	29.2	24.8	41.4	43.4	58.8	68.7	74.0	68.6	65.8	52.4	36.2	29.4	49.4	95	— 7	Apr. 12†	Oct. 16
Meriden							73.6	68.2									
Middletown	28.8	25.5	41.7	47.6	59.0	68.1	74.3	69.0	66.4	53.1	36.8	30.1	50.0	100	— 7	Apr. 10	Oct. 16
New Hartford (*a*)	25.5	22.1	38.4	43.8	55.0	66.8	69.5	68.1	63.9	51.7	36.1					May 16	Oct. 10
*New Haven	30.5	26.0	41.4	47.3	57.6	68.0	73.1	68.9	65.6	53.2	37.2	32.1	50.1	94	— 5	Apr. 12†	Oct. 16
*New London	31.4	26.6	40.6	45.2	56.3	65.8	71.9	67.9	65.2	54.0	38.6	33.4	49.7	91	— 2	Apr. 12†	Nov. 6
North Grosvenor Dale	29.0	25.3	40.3	46.7	58.2	*65.8	73.4	66.7	62.3	49.8	33.4	25.8	48.1	99	—12	Apr. 26†	Oct. 29†
Norwalk	29.2	24.6	39.5	46.0	57.9	68.2	72.6	67.8	64.8	52.0	36.0	31.1	49.1	96	— 6	Apr. 26†	Oct. 16
Southington (*a*)	27.9	24.3	40.2	46.7	58.6	68.7	73.1	67.8	64.2	51.1	34.9	28.6	48.8	96	— 8	Apr. 11†	Oct. 16
Storrs	27.6	22.5	39.2	44.8	56.3	66.0	71.9	66.3	63.5	50.9	34.1	28.4	47.6	95	—12	May 15	Sept. 26
Thompson (*a*)	26.6	22.2	38.2		54.8	65.8	70.2	65.6	63.1	49.6		27.4					
Voluntown	29.5	25.1	41.2	46.2	58.0	66.6	72.4	67.2	64.7	52.0	35.6	31.0	49.1	94	—16	June 8	Oct. 7
Waterbury	30.4	24.8	41.0	47.4	59.3	68.0	72.9	68.0	65.6	52.8	37.0	31.2	49.9	94	— 8	Apr. 12†	Oct. 16†
Windsor	26.7	25.4	40.8	47.1	58.4	68.4	73.1	67.8	64.5	51.4	34.5	27.4	48.8	93	—11		
Delaware.																	
Dover	38.0	34.8	47.8			73.4	77.0	71.3	69.7	57.0	42.6	37.6		97	9		Nov. 12
Kirkwood (*b*)	33.4	27.0	41.9	48.0	60.3		78.2	71.0		57.4	*39.0	*33.1		95	10		
Milford	39.0	35.8	48.8	52.6	65.2		77.4	72.6	71.8	59.7	44.7	40.0				Apr. 15	Oct. 12
Millsboro	39.0	36.6	47.5	51.4	65.2	72.8	77.0	71.7	70.7	57.2	42.4	37.6	55.8	97	9	Apr. 15	Oct. 16
Newark				49.6	62.0	70.8	76.0	71.0	68.2	55.5	40.1	34.4		96			Oct. 12
Seaford	39.1	36.6	48.4		65.4	72.6		71.2	70.4	57.4	43.0	38.1			9		Oct. 12
Wilmington				53.6	66.6	75.1	80.0	75.0	71.2	58.8	42.8	37.0		102			
District of Columbia.																	
Distributing reservoir (*e*)	37.2	35.2	48.4	53.6	67.2	74.6	78.2	74.4	71.3	57.2	43.2	36.8	56.4	93	7		Oct. 15†
Receiving reservoir (*e*)	36.9	35.0	47.8	52.6	66.1	73.9	78.2	73.8	71.0	57.3	43.4	36.4	56.0	94	7		Oct. 16†
*Washington	37.8	35.2	48.5	53.2	65.9	73.6	77.9	74.0	71.4	57.9	44.0	37.4	56.4	98	6	Apr. 9†	Oct. 15
West Washington	39.0	37.8	51.2	55.0	67.0	74.8	78.6	74.4	71.6	58.1	45.2	38.0	57.6	100	6	Mar. 4	Oct. 15
Florida.																	
Amelia	56.4	57.0	63.6	66.9	72.8	77.0	80.0	81.1	78.2	69.8	58.6	56.0	68.1	94	16	Mar. 28	Dec. 28
Archer	61.6	61.7	67.9	70.6	76.4	78.7	80.3	81.8	*78.8	71.4	62.5	58.7	70.9	97	13	Mar. 27	Nov. 12
Avon Park						80.0	81.8	82.6	80.4	74.8	68.6	63.2		97		None.	Dec. 29
Brooksville	60.3	61.8	65.9	69.5	74.4	77.1	79.0	79.3	77.5	71.4	63.6	59.2	69.9	91	17	None.	Dec. 28
Clermont	63.4	64.0	69.2	72.4	76.7	79.4	81.7	82.4	79.2	73.2	66.2	60.9	72.4	95	20	None.	Dec. 28
De Land	60.9	62.7	65.8	67.4							63.2	59.2					
Eustis	62.6	64.2	68.7	72.5	77.2	79.8	82.0	82.4	79.3	73.0	65.4	61.2	72.4	96	16	None.	Dec. 28
Federal Point	59.2	60.9	65.0	67.2	72.6	76.5	79.2	81.0	77.2	71.0	62.0	57.7	69.1	95	17	None.	Dec. 28
Fort Meade	62.2	63.7	67.0	68.4	74.0	77.4	79.4	80.0	78.4	72.4	65.8	61.2	70.8	92	22	None.	Dec. 29
*Gainesville					73.8		81.3	82.8	78.0	71.0	63.4						
Grasmere	63.1	64.1	65.6	67.0	74.9	77.8	80.0	80.8	78.7	73.0	65.4	61.0	71.0	93	17	None.	Dec. 29
Green Cove Springs	*58.4	57.7	63.8	66.8	72.6	76.8	79.0	79.8	76.0	68.2	58.3	54.2	67.6	93	14	Mar. 26	Nov. 12
Homeland	62.4	64.0	67.4	69.6	74.4	77.4	79.6	79.9	77.0	71.2	64.6	*57.0	70.4	93	20	Jan. 31	Dec. 29
Hypoluxo (*a*)						77.2	81.1	81.8	81.2	77.6	73.4	68.5		92			Dec. 29
*Jacksonville	58.6	58.8	66.0	68.6	75.3	78.0	80.5	82.2	78.6	71.5	61.4	57.7	69.8	96	14	Mar. 27	Nov. 12
*Jupiter	68.0	68.5	70.1	71.9	75.2	77.7	79.8	80.8	80.1	76.0	71.0	66.0	73.8	91	24	(§)	Dec. 29†
*Key West	71.0	72.2	73.9	76.6	78.0	80.1	82.4	83.6	81.4	77.7	73.6	69.4	76.7	91	44	None.	None.
Kissimmee	*66.0	66.8	70.6	72.0	78.2	79.4	82.6	82.4	80.4	73.6	68.7	62.5	73.6	100	19	None.	Dec. 29
Lake City	60.8	61.8	67.3	70.9	77.0	79.8	79.5		78.6	71.8	61.8	58.8			17	Mar. 27	Dec. 30
Manatee	62.2	63.4	68.5	69.7	72.3	78.0	78.8	78.9	78.2	72.4	65.8	61.2	70.4	94	19	None.	Dec. 29
Merritts Island	65.9	65.1	69.7	72.8	76.8	79.1	81.5	82.3	79.6	76.0	68.5	64.0	73.4	94	22	None.	Dec. 29
Moseley Hall	56.5	56.8	65.1	68.6	75.6	80.1	79.4	81.6	78.2	70.5	59.5	56.3	69.0	94	13	Mar. 27	Nov. 12
Mullet Key	63.2	63.2	67.9	72.3	76.7	80.8	83.7	83.6	80.2	74.6	67.0	60.1	72.8	94	23	None.	Dec. 29
Myers	63.8	66.3	69.0	72.1	75.4	77.9	80.4	80.6	79.2	74.8	68.8	63.8	72.7	91	24	None.	Dec. 29
New Smyrna	61.2	62.4	64.6	65.0	*69.8	75.2	79.2		77.8	71.8	63.1	59.2			17	None.	Dec. 29
Oak Hill (*a*)	67.7	67.6	69.7	72.9	77.0	80.4	82.6	82.0	81.8	76.6	69.5	63.8	74.3	93	21	None.	Dec. 29
Ocala (*a*)	60.0	62.0	66.2	69.6	74.4	76.7	79.3	79.8	76.3	74.0	62.7	58.1	69.9	93	19	Jan. 31	Dec. 28
Orange City	61.3	62.3	67.4	69.2	*74.6	78.3			79.7	*74.5	65.0	60.5			18	Jan. 31	Dec. 29
Orange Park		58.4	64.7	67.8	74.5	78.3	80.4	81.0	77.7	70.2	60.0	55.5		95		Mar. 27	Nov. 13
Orlando	63.5	64.8	68.6	71.2	75.2	78.2	82.0	82.7	80.4	74.0	67.2	62.2	72.5	97	18	Jan. 30	Dec. 28
Oxford (*a*)	58.7	59.7	63.1														
*Pensacola	56.8	54.1	61.8	69.2	73.3	78.5	79.0	79.6	78.5	69.4	59.0	56.0	67.9	101	14	Mar. 30	Nov. 12

† Temperature fell below 32° every month. § None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Florida—Continued.																	
Plant City	63.5	65.4	68.7	71.2	74.4	78.6	80.7	81.6	79.6	73.2	67.2	[1]66.4	72.5	97	19	Jan. 31	Dec. 29
Port Tampa	.....	.....	.....	.....	.....	.....	.....	87.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Francis Barracks	58.0	59.0	68.0	66.0	71.4	75.2	78.4	79.2	76.2	71.5	62.2	58.2	68.6	94	16	None.	Dec. 28
St. Petersburg	64.1	65.0	69.2	73.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tallahassee	55.2	54.3	62.8	68.2	72.8	77.6	77.8	79.0	.....	.....	57.7	54.2	.....	.....	12	Mar. 27	Nov. 30
*Tampa	63.6	64.6	68.3	71.8	75.4	79.2	81.2	81.4	79.1	73.7	67.0	62.2	72.3	93	19	(‡)	Dec. 29
Tarpon Springs	62.5	64.2	67.4	71.4	73.6	77.2	79.8	80.2	78.2	73.0	64.6	60.1	71.0	90	19	None.	Dec. 29
*Titusville	63.2	64.2	67.2	69.8	73.6	76.5	80.1	80.5	78.8	73.8	66.0	61.8	71.3	95	18	Feb. 16	Dec. 29
Georgia.																	
Adairsville	44.2	43.9	56.8	61.0	69.0	76.1	77.4	77.6	73.8	61.0	46.7	44.0	61.0	99	5	Mar. 7	Oct. 15
*Alapaha	[b]53.6	53.8	62.4	67.2	74.8	80.3	79.7	81.4	77.0	67.2	56.4	53.0	67.2	102	11	.....	.....
*Albany	52.3	51.6	62.5	68.4	76.3	81.8	81.0	81.4	77.8	66.4	55.6	52.8	67.3	104	12	.....	.....
*Americus	52.7	52.6	63.2	68.4	75.8	81.1	81.8	81.7	77.6	65.7	54.4	52.3	67.3	101	8	.....	.....
Athens [1]	47.0	43.8	57.6	61.5	69.2	76.3	76.6	76.2	72.6	60.4	48.2	45.2	61.2	102	4	.....	.....
*Athens [2]	.....	.....	.....	.....	70.0	77.2	78.2	78.0	74.6	61.4	49.6	42.9	.....	.....	.....	.....	.....
*Atlanta	46.7	45.0	56.7	62.0	68.8	76.4	76.2	76.4	73.4	62.2	49.5	46.2	61.6	96	4	Mar. 30	Nov. 6
*Augusta	49.7	49.5	60.4	64.0	71.4	77.4	77.8	79.0	75.6	64.5	52.1	48.4	64.2	97	9	Mar. 31	Nov. 6
*Bainbridge	.....	.....	.....	.....	75.4	80.8	80.8	82.0	77.2	67.2	56.6	.....	.....	101	.....	.....	.....
Blakely (*f*)	53.9	53.4	62.6	67.3	73.8	79.6	78.3	81.2	76.6	66.6	56.1	53.2	66.9	99	12	Mar. 30	Nov. 7
Brag	[b]52.0	54.8	63.1	66.0	73.8	78.0	79.1	81.4	77.6	67.4	55.4	51.9	66.7	103	8	Mar. 28	Nov. 7
*Camak	.....	.....	.....	.....	69.9	78.4	79.3	78.8	74.4	62.4	50.7	45.2	.....	.....	.....	.....	.....
Camilla	53.6	53.4	62.8	67.4	73.0	78.5	78.8	80.0	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Clayton	43.6	42.8	53.6	56.4	64.0	71.0	71.6	72.2	69.8	56.6	43.5	41.4	57.2	93	2	Apr. 14	Oct. 14
*Columbus	52.8	52.6	63.0	68.0	73.8	78.2	79.2	80.3	77.6	66.2	55.8	52.8	66.7	97	11	Nov. 10	.....
*Cordele	50.8	[f]49.0	61.2	.....	73.8	79.4	[e]79.6	80.4	76.4	65.2	52.4	.....	.....	102	.....	.....	.....
Covington	48.4	46.3	57.6	62.8	70.4	77.2	78.2	77.6	73.8	61.5	50.4	47.4	62.6	103	6	Mar. 27	Nov. 6
Dahlonega	46.4	45.3	55.5	59.8	65.8	72.8	73.0	73.4	70.8	59.2	47.2	45.2	59.5	98	1	Mar. 28	Oct. 15
Darien	60.8	57.6	64.8	67.0	74.9	78.3	80.0	81.2	78.9	70.5	61.2	.....	.....	99	.....	Mar. 27	Nov. 12
Dublin	.....	53.6	60.1	64.4	73.1	78.7	[e]79.6	[g]79.2	[h]77.0	64.4	.....	.....	.....	100	.....	Mar. 29	Nov. 7
*Eastman	.....	.....	.....	.....	75.4	79.8	80.0	81.2	77.4	67.2	56.4	.....	.....	99	.....	.....	.....
Elberton	46.6	45.8	56.6	63.0	71.1	78.3	78.0	77.4	74.4	62.1	49.8	47.2	62.5	98	5	Mar. 30	Nov. 5
Fleming	52.7	53.8	61.9	65.3	65.8	78.4	81.4	82.0	76.0	.....	.....	50.7	.....	102	.....	Mar. 31	Nov. 7
Forsyth (*a*)	52.7	52.3	62.8	66.5	73.9	80.5	79.2	79.4	77.7	68.0	54.8	51.8	66.6	98	10	Mar. 30	Nov. 7
Fort Gaines	53.0	54.0	62.6	.....	74.0	79.8	82.8	80.5	76.2	64.6	55.2	52.0	.....	101	10	.....	.....
*Gainesville	.....	.....	.....	.....	67.8	74.5	76.6	74.2	70.4	59.8	48.2	.....	.....	95	.....	.....	.....
Gillsville (*a*)	46.7	44.9	54.0	59.4	65.2	75.7	75.4	75.2	72.2	64.6	52.4	47.7	61.1	97	15	Mar. 30	Nov. 12
*Griffin	.....	35.4	.....	58.0	69.1	77.4	74.9	74.1	70.8	59.2	47.4	42.3	.....	95	.....	.....	.....
Hawkinsville	50.6	52.6	59.6	64.0	70.6	75.9	75.6	76.8	74.2	65.2	51.8	[i]52.7	64.1	94	21	Mar. 30	Nov. 6
Hephzibah (*f*)	49.8	50.0	62.2	61.0	70.2	77.0	75.3	77.3	74.6	65.4	51.9	50.3	63.8	96	10	Mar. 30	Nov. 5
La Fayette	45.1	43.5	54.8	60.0	66.8	73.8	75.4	76.4	72.4	57.8	44.8	.....	.....	97	.....	Mar. 28	Nov. 6
Lagrange	48.8	46.8	57.4	63.8	69.9	76.8	76.2	77.0	74.1	61.8	50.6	47.4	62.6	99	4	Mar. 30	Nov. 6
Lawrenceville	43.2	39.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leverett	46.0	44.0	56.8	59.9	70.2	76.2	76.8	77.2	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Louisville	49.0	49.3	58.7	.....	.....	.....	77.7	79.1	75.8	65.6	51.8	48.9	.....	.....	7	Mar. 28	Nov. 6
Lumpkin	51.4	50.2	60.8	[e]65.3	.....	79.1	78.1	78.8	.....	.....	.....	.....	.....	.....	.....	Mar. 31	.....
McArthur	52.5	52.2	62.1	.....	75.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
*Macon	.....	.....	.....	.....	.....	[e]79.0	[e]80.0	[e]79.6	[e]76.4	65.9	.....	.....	.....	99	.....	.....	.....
Marietta	44.6	43.2	55.6	60.2	67.4	74.3	75.0	75.4	72.2	60.0	47.9	45.4	60.1	93	4	Apr. 7	Nov. 8
Marshallville	52.0	50.2	62.0	66.4	72.8	79.5	80.4	80.6	77.0	66.0	55.7	51.5	66.2	97	9	Mar. 29	Nov. 1
*Millen	50.6	51.1	[e]59.7	65.0	73.6	79.0	79.6	80.7	77.4	65.8	54.0	.....	.....	103	.....	.....	.....
Monticello (*a*)	49.4	45.0	60.4	65.6	71.8	79.0	77.8	77.8	74.6	65.4	54.0	49.2	64.2	96	8	Mar. 30	Nov. 11
Morgan	54.0	51.4	61.8	66.3	72.9	78.7	79.0	80.6	78.0	66.0	54.6	52.0	66.3	100	10	Mar. 28	Nov. 1
*Newnan	.....	.....	.....	.....	70.8	78.5	77.6	77.8	74.2	62.4	50.8	.....	.....	98	.....	.....	.....
Piscola	56.0	56.1	64.0	68.4	75.8	.....	.....	.....	.....	69.2	58.4	55.0	.....	.....	.....	Mar. 28	Nov. 12
Point Peter (*a*)	46.5	45.4	56.6	62.2	69.9	77.9	78.5	77.8	73.8	60.6	48.5	45.2	61.9	98	8	Mar. 31	Nov. 7
Poulan	53.0	52.4	61.2	65.8	72.4	78.3	78.6	80.4	76.6	65.8	54.8	51.4	65.9	101	11	Mar. 28	Nov. 7
*Quitman	.....	.....	.....	.....	74.2	[e]77.2	[m]78.6	80.0	76.2	68.1	57.0	53.4	.....	.....	.....	.....	.....
Ramsey	46.8	45.1	55.5	59.6	66.4	75.0	76.5	76.8	73.6	62.2	49.2	46.6	61.1	99	2	.....	Oct. 6
Rome	45.4	44.6	55.2	60.9	68.6	76.0	77.4	77.6	74.4	60.4	47.2	44.3	61.0	96	8	Mar. 31	Nov. 7
*Savannah	54.0	54.2	63.6	66.3	73.2	77.4	79.2	81.2	77.2	68.4	57.6	53.6	67.2	99	12	Mar. 31	Nov. 11
Talbotton	48.6	48.5	59.0	64.0	71.6	77.0	76.8	77.1	74.4	62.6	51.0	48.4	63.2	96	7	Mar. 31	Nov. 7
*Thomasville	55.8	55.4	63.2	67.0	74.6	79.0	79.4	81.4	78.2	69.2	57.0	54.8	68.0	98	0	.....	.....
*Toccoa	44.4	47.7	57.7	60.6	68.3	76.0	75.8	75.8	72.4	61.0	49.0	45.0	61.1	98	13	.....	.....
*Union Point	48.8	.....	.....	.....	70.3	80.2	77.8	76.8	73.6	62.6	51.8	.....	.....	96	.....	.....	.....
*Washington	49.5	48.2	59.0	63.3	71.0	78.0	78.1	77.0	74.0	62.6	51.6	47.9	63.4	100	8	.....	.....
*Way Cross	.....	.....	.....	.....	74.6	78.2	79.1	80.4	77.1	68.4	57.8	.....	.....	94	.....	.....	.....
*Waynesboro	.....	.....	.....	.....	73.4	78.6	78.3	78.8	75.2	64.8	53.6	.....	.....	101	.....	.....	.....
*West Point	47.8	48.1	[e]56.8	64.8	73.0	79.0	79.4	75.5	74.7	62.7	52.4	49.2	63.6	99	7	.....	.....
Idaho.																	
American Falls	26.2	16.8	35.4	45.0	57.6	60.8	70.8	71.2	56.4	46.7	40.0	22.2	45.7	100	—21	May 10‡	Sept. 28‡
Atlanta	.....	16.9	24.0	31.6	45.0	51.0	64.0	.....	50.2	42.9	38.8	23.5	.....	90	.....	June 14	Sept. 3‡
Bliss	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.8	.....	.....	.....	.....	.....
Boise Barracks	32.2	28.9	41.0	51.0	59.2	61.7	73.8	73.8	59.2	51.5	43.2	31.2	50.6	102	— 1	June 10‡	Sept. 27‡
Chesterfield	30.0	.....	.....	.....	.....	.....	.....	.....	50.4	40.0	33.2	16.3	.....	.....	.....	.....	Sept. 4‡
Fort Lemhi	21.8	15.2	33.8	46.2	56.0	62.6	74.7	.....	.....	.....	.....	.....	.....	.....	.....	June 14‡	.....
Fort Sherman	[k]25.1	.....	35.0	45.4	49.6	58.4	68.8	69.6	56.4	47.4	42.4	29.7	.....	.....	.....	.....	.....
Fraser	.....	.....	.....	44.6	54.2	57.2	[k]67.8	.....	[k]54.2	45.4	41.0	27.8	.....	.....	.....	May 10	Sept. 29
Garden Valley	23.8	18.1	31.8	43.6	55.0	58.2	73.0	71.4	53.5	45.3	38.2	22.0	44.5	98	—14	June 14	Sept. 4
Grangeville	27.8	24.4	34.4	44.6	53.8	55.2	66.7	69.4	54.1	46.8	43.2	27.6	45.7	95	— 3	.....	.....
Hailey	.....	.....	.....	41.4	52.6	54.1	67.3	70.2	53.3	46.7	41.6	20.2	.....	.....	.....	.....	.....
Idaho City	.....	18.8	30.4	44.4	[e]57.3	[e]57.4	[e]68.8	70.9	.....	[j]47.3	40.4	[g]24.2	.....	.....	.....	.....	.....
*Idaho Falls	21.8	10.3	32.4	42.8	54.9	58.2	68.2	69.1	54.9	45.6	38.0	18.9	42.9	96	—28	May 17‡	Sept. 16
Kootenai	20.6	22.5	34.2	42.6	53.7	58.1	65.8	66.2	51.5	42.0	36.5	24.2	43.2	90	— 8	.....	.....
Lake	15.5	9.6	26.8	36.6	48.7	48.4	53.6	55.6	45.6	39.2	33.6	16.8	35.8	78	—24	.....	.....
Lewiston	.....	32.0	43.0	52.8	61.0	64.8	74.2	74.7	60.7	51.3	46.2	34.0	.....	.....	.....	.....	.....
Martin	17.8	12.5	29.8	39.1	51.2	55.2	64.9	65.3	51.3	[g]44.4	36.6	17.0	40.4	97	—17	.....	.....

[1] Prof. L. H. Charbenier. [2] Cotton region observer. ‡ None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Idaho—Continued.																	
Moscow	27.4	25.7	37.3	46.6	54.5	57.6	71.8	68.0	53.8	46.2	41.2	29.7	46.6	96	— 8	.....	.....
Murray	[d]22.8	23.2	34.8	41.2	51.6	56.6	64.4	66.2	51.6	[f]46.1	40.4	24.2	43.6	95	—20	.....	.....
Nampa	33.1	26.8	40.9	49.0	58.0	62.2	73.8	74.8	59.3	50.4	41.8	28.0	49.8	102	— 7	.....	.....
Oakley	29.8	24.4	37.1	46.4	58.8	60.2	74.0	71.9	56.6	51.2	42.1	27.9	48.4	103	— 9	.....	.....
Paris	22.5	14.8	30.9	42.2	53.4	56.6	65.6	66.8	54.3	47.1	40.5	22.4	43.1	93	—19	.....	.....
Parker	16.9	10.4	29.2	42.2	54.4	57.4	66.0	67.4	52.6	43.8	.....	.....	.....	.....	.....	.....	.....
Payette	30.8	29.7	41.4	51.5	60.2	66.6	73.9	76.8	59.2	51.7	43.8	30.7	51.4	110	— 4	.....	.....
Preston (*e*)	.....	.....	.....	42.8	59.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salubria	25.5	22.6	35.6	49.6	60.9	64.3	73.2	[b]76.6	58.4	49.4	41.3	23.5	48.4	107	.....	.....	.....
Soldier	.....	14.0	[d]26.6	36.5	49.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Swan Valley	.....	.....	.....	.....	.....	.....	.....	.....	51.7	43.6	37.4	20.2	.....	.....	.....	.....	.....
Illinois.																	
Albion	35.8	22.1	49.4	56.0	64.2	76.6	77.6	77.2	69.6	55.8	40.9	36.8	55.2	102	— 9	May 31	Oct. 9
Atwood (*c*)	.....	22.2	42.0	48.7	.....	69.1	71.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aurora	25.6	21.6	41.6	50.3	58.4	72.5	75.1	72.4	65.4	51.4	33.2	31.0	49.9	102	—17	May 28	Oct. 6
Bloomington	27.9	[c]24.6	44.8	54.4	61.6	[c]73.2	(75.4)	71.4	[i]67.1	(53.2)	[c]34.6	32.8	(51.7)	106	—24	May 18	Oct. †
Braidwood	39.4	24.7	45.6	53.2	60.6	73.0	74.5	73.6	66.7	54.4	39.0	35.4	52.6	96	—15	May 19	Oct. 14
Bushnell	28.0	25.2	45.4	53.9	61.9	76.6	77.7	75.8	68.6	55.4	36.6	34.5	53.3	103	—15	May 20	Oct. 6
*Cairo	40.0	35.8	52.4	59.4	65.7	76.7	77.0	78.0	71.5	60.2	45.4	40.8	58.6	100	— 4	Mar. 29	Nov. 3
Carlinville	30.6	28.0	48.2	58.4	63.6	75.8	77.8	76.8	68.8	57.4	38.4	35.4	54.9	.....	.....	.....	.....
Carrollton	.....	[d]29.1	48.4	55.8	64.5	[f]77.5	.....	.....	68.7	57.5	[c]39.6	38.0	.....	.....	.....	.....	.....
Chemung (*a*)	(22.6)	18.2	39.6	49.3	57.8	71.5	73.2	68.4	63.2	49.4	32.8	29.9	(48.0)	98	.....	May 28	Sept. 25
*Chicago	27.5	23.0	41.2	46.8	56.1	71.4	73.4	70.8	66.2	52.1	34.4	32.4	49.6	96	— 9	Apr. 9	Oct. 1
Clear Creek	.....	.....	.....	.....	61.4	73.2	75.2	73.4	64.8	53.4	.....	33.4	.....	.....	.....	.....	.....
Decatur	32.2	27.4	47.6	55.0	63.0	75.1	76.0	74.6	68.4	56.2	38.4	35.4	54.1	100	—22	May 19	Oct. 9
Dixon	23.4	20.0	42.0	51.4	59.8	72.9	75.0	(75.6)	67.2	53.2	32.4	29.9	(50.2)	103	— 4	May 28	Sept. 24
East Peoria	30.2	25.9	46.6	[c]53.4	61.7	73.8	74.3	70.8	66.2	54.6	37.0	[c]34.5	52.4	99	—18	May 20	Oct. 6
Effingham	36.0	31.3	48.5	55.4	.....	.....	.....	76.2	70.3	.....	.....	[c]36.6	.....	.....	.....	.....	.....
Evanston (*h*)	.....	.....	41.3	45.5	56.3	70.6	74.2	71.7	67.6	53.0	34.8	32.5	.....	.....	.....	.....	.....
Fort Sheridan	26.4	19.7	40.8	46.9	56.7	69.8	72.4	69.2	(64.1)	50.8	33.5	31.7	(48.5)	95	—13	May 21	Oct. 14
Galva	25.4	22.4	44.2	54.2	61.1	73.6	74.8	72.1	66.2	52.4	33.4	30.2	50.8	100	—19	May 20	Oct. 6
Galesburg	41.6	36.8	53.4	58.6	65.9	76.8	78.4	79.1	72.4	60.6	45.8	41.5	59.2	100	— 5	Apr. 6	Oct. 11
Greenville	34.7	30.8	49.4	56.0	64.8	77.4	79.1	78.4	70.0	57.8	40.4	36.8	56.3	106	—12	May 20	Oct. 9
Griggsville	30.8	27.2	46.8	55.5	63.6	76.0	78.6	76.4	68.9	57.4	39.3	35.5	54.7	103	—20	May 20	Oct. 8
Havana	32.8	29.2	48.2	58.2	64.3	76.3	77.0	75.4	69.0	56.8	39.5	37.6	55.2	99	—11	Apr. 23	Oct. 9
Herrins Prairie (*a*)	(34.2)	[k]32.6	53.6	59.0	66.5	79.3	79.3	81.0	71.3	58.3	45.2	40.4	(58.4)	100	.....	.....	.....
Holliday (*c*)	[d]34.0	[d]31.6	[d]47.2	[c]56.2	[d]65.0	77.8	[c]75.4	[d]75.0	[c]64.8	[d]54.5	[d]34.7	[c]35.5	54.2	100	— 9	.....	.....
Jordans Grove	36.8	33.8	50.7	56.8	64.2	75.6	76.1	76.2	68.8	58.6	42.4	40.1	56.7	101	— 7	May 20	Oct. 9
Kankakee	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35.8	32.1	.....	.....	.....	.....	.....
La Grange	27.1	22.6	.....	.....	58.3	71.2	.....	.....	65.2	51.8	35.0	32.6	.....	.....	.....	.....	.....
Louisville	35.9	31.5	49.4	55.2	62.8	74.7	76.6	76.0	69.1	56.8	40.4	37.4	55.5	100	— 6	May 20	Oct. 9
Luella (*a*)	36.7	33.5	50.0	55.4	63.7	76.6	77.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Martinsville	32.5	28.8	47.6	54.4	61.2	73.5	75.0	74.6	67.8	55.8	39.2	34.9	53.8	100	— 7	May 19	Oct. 1
Mascoutah (*c*)	32.4	29.0	48.5	55.7	62.8	77.8	80.9	81.0	71.4	59.4	42.4	39.4	56.7	107	—13	May 31	Oct. 9
Mattoon (*a*)	37.1	32.5	48.8	55.2	[b]58.8	76.3	78.8	76.1	68.2	[c]56.2	40.9	35.4	55.4	98	— 9	Apr. 11	Oct. 9
Monmouth	26.4	24.3	45.5	53.4	61.5	74.5	75.8	73.6	66.5	53.3	35.4	33.2	52.0	105	—20	May 20	Oct. 1
Mount Pulaski	30.2	27.4	47.0	54.9	61.7	74.6	76.6	74.4	68.8	56.2	38.4	34.5	53.7	100	—20	May 19	Oct. 9
Olney (*a*)[1]	36.6	32.5	50.0	57.0	64.8	78.1	79.2	78.5	70.5	57.6	41.6	37.8	57.0	103	—10	May 20	Oct. 14
Olney (*a*)[2]	31.1	27.4	44.6	52.1	[c]61.0	76.8	[c]77.7	75.1	66.4	52.2	[d]34.2	32.4	52.6	109	—10	May 20	.....
Oregon	25.0	22.6	44.4	55.4	60.8	76.8	77.2	75.0	69.2	53.0	.....	.....	.....	.....	.....	.....	.....
Oswego (*a*)	24.4	19.6	39.6	48.0	56.5	70.7	73.0	70.4	63.4	49.7	31.9	29.5	48.1	101	—22	May 31	Sept. 25
Ottawa	26.4	22.6	42.6	52.2	60.6	73.9	75.8	73.7	[c]67.2	51.9	33.9	31.4	51.0	103	—16	May 20	Oct. 6
Palestine	34.2	30.6	48.4	.....	.....	74.7	76.4	75.1	69.2	56.0	41.6	35.8	.....	.....	.....	.....	.....
Paris	31.7	27.7	45.9	54.5	61.8	[c]74.5	75.8	75.0	67.9	54.9	38.2	34.3	53.5	102	—11	May 19	Sept. 30
Peoria	29.6	26.4	46.4	56.0	64.8	77.1	78.8	75.4	68.6	55.9	37.2	34.5	54.2	102	—17	May 20	Oct. 14
Philo	29.8	25.5	44.8	52.4	60.2	72.5	73.8	72.8	66.2	53.2	36.2	33.2	51.7	101	—25	May 20	Sept. 25
Rantoul (*c*)	28.6	24.8	44.0	53.8	62.8	75.6	77.2	75.0	67.2	53.8	36.2	32.3	52.6	100	—24	May 19	Sept. 25
Riley	22.9	18.6	39.8	48.6	56.9	71.3	74.2	71.0	64.1	50.2	31.0	29.7	48.2	99	—20	May 28	Oct. 6
Rockford	24.8	19.5	41.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rushville	29.2	26.2	46.8	55.6	64.3	78.0	78.2	76.7	68.6	57.6	37.5	36.4	54.6	103	—13	May 20	.....
St. John (*c*)	33.8	30.6	46.9	55.2	64.6	77.0	77.8	77.4	68.4	58.0	38.3	35.6	55.3	104	— 5	Apr. 11	Oct. 14
South Chicago	.....	.....	.....	49.0	59.8	70.6	74.6	72.2	68.4	54.2	37.5	.....	.....	.....	.....	.....	.....
*Springfield	29.4	26.2	46.6	54.0	62.4	75.2	76.5	74.8	67.5	55.8	37.8	35.2	53.4	98	—17	Apr. 12	Oct. 6
Streator	26.8	26.2	42.2	52.2	62.2	75.4	.....	.....	.....	.....	.....	35.4	.....	.....	.....	.....	.....
Sycamore (*a*)	24.9	21.2	40.4	49.0	57.5	71.8	74.2	70.3	63.0	50.3	34.3	30.8	49.0	95	—18	May 19	Sept. 25
Tuscola (*a*)	29.2	25.5	43.0	51.6	58.3	76.4	73.0	71.8	66.3	52.9	36.9	33.0	51.5	98	—16	May 19	Oct. 14
Vienna	38.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Walnut	25.7	23.3	44.3	54.6	63.0	75.6	77.7	76.2	68.6	54.6	34.6	30.6	52.4	103	—20	May 20	Oct. 6
Winnebago	22.6	19.0	40.4	49.6	57.5	71.3	74.4	71.2	64.6	50.6	32.3	30.4	48.7	100	—23	May 10	Sept. 25
Zion	.....	.....	.....	.....	59.1	71.5	75.4	72.2	65.3	51.0	33.0	31.6	.....	.....	.....	.....	.....
Indiana.																	
Angola (*a*)	30.1	24.2	41.4	50.0	58.2	74.2	72.4	73.3	67.2	52.8	34.6	32.5	50.9	104	— 7	Apr. 12	Oct. 14
Ashboro	35.6	29.9	48.6	54.5	60.6	73.5	.....	73.7	69.2	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Bedford	35.6	29.0	48.0	53.9	.....	[c]79.4	76.3	75.1	70.3	55.6	.....	.....	.....	.....	.....	Mar. 26	Oct. 6
Butlerville	36.0	31.8	48.0	53.7	62.0	73.1	74.5	74.6	70.4	56.1	39.3	36.5	54.7	103	—12	Apr. 6	Sept. 25
Cambridge City	32.6	31.7	45.4	[f]52.3	60.0	71.7	73.3	71.0	64.4	53.3	38.0	34.3	52.3	96	— 8	Apr. 13	Oct. 6
Columbia City (*a*)	30.0	23.9	42.3	49.5	57.5	71.5	73.4	70.4	65.0	51.5	35.1	32.6	50.2	96	— 8	June 7	Oct. 14
Columbus	36.0	31.9	47.3	53.8	61.8	76.3	78.5	77.7	71.2	57.1	39.8	36.1	55.6	99	— 9	Apr. 6	Oct. 15
Connersville	34.9	29.6	46.2	52.3	60.0	71.4	73.9	73.2	67.3	53.0	37.7	35.0	52.9	96	—11	May 20	Oct. 10
Crawfordsville	.....	.....	.....	.....	61.3	74.7	76.2	73.2	66.6	54.4	38.9	.....	.....	.....	.....	.....	Sept. 24
Degonia Springs (*f*)	38.5	35.2	50.4	58.4	64.0	75.8	77.3	77.2	71.4	57.3	42.6	38.2	57.0	96	— 7	.....	Oct. 14
Delphi	31.3	25.0	43.1	50.0	58.0	73.7	75.9	73.6	68.3	55.1	39.6	35.6	52.4	99	—12	May 28	Oct. 10
Edwardsville (*a*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.8	38.9	.....	.....	.....	.....	.....
Evansville	.....	.....	.....	.....	.....	.....	.....	77.8	72.8	58.2	43.1	37.7	.....	.....	.....	.....	Oct. 14
Farmland	34.1	28.7	46.2	52.4	60.2	70.8	[c]74.4	71.2	66.2	54.1	38.1	34.9	52.6	95	— 6	Apr. 12	Oct. 9
Franklin (*a*)	33.3	29.2	46.4	53.7	61.1	.....	.....	.....	[c]67.2	54.2	38.2	.....	.....	.....	.....	Apr. 13	Sept. 25

[1] V. E. Phillips. [2] C. H. Fahs.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Indiana—Continued.																	
Hammond	30.4	25.1	45.9	51.8	58.5	72.2	76.2	68.6	63.8	51.5	35.5	33.1	51.0	101	—16	May 25†	Oct. 8
Hawpatch	27.4	23.1	41.1	48.3	.....	71.8	71.8	67.8	63.0	.....	.....	.....	.....	.....	.....	Apr. 13†	.....
Huntingburg	38.6	34.5	50.1	57.5	66.6	79.9	81.3	78.1	69.6	55.8	41.4	38.3	57.6	100	— 4	.....	Oct. 5
Huntington	33.4	26.6	46.5	52.5	59.5	72.8	75.4	71.0	66.0	53.1	36.0	33.4	52.2	98	— 5	May 28	Oct. 9
*Indianapolis	34.6	29.4	47.4	54.0	61.7	74.6	76.4	74.8	69.8	55.9	39.1	35.8	54.5	99	— 7	Apr. 8†	Oct. 6
Jasper	36.8	33.4	48.9	55.6	63.4	75.8	.....	.....	71.3	57.0	41.7	38.0	.....	.....	.....	Apr. 6†	Sept. 24
Jeffersonville	38.8	35.7	50.0	55.5	63.7	75.1	76.8	76.9	71.6	56.9	42.4	38.5	56.8	96	— 4	Apr. 6	Oct. 6
Kokomo	[a]32.3	26.4	45.8	52.5	61.0	73.4	75.3	72.9	67.7	54.1	37.4	35.0	52.8	98	— 9	June 7	Oct. 10
Laconia	37.2	33.5	48.4	54.3	65.0	.....	77.3	.....	.....	.....	41.4	38.1	.....	.....	.....	May 29	.....
La Fayette	32.0	25.4	45.3	52.5	60.3	72.7	73.5	73.1	67.1	54.1	37.1	33.4	52.2	100	—17	Apr. 12	Oct. 6
Logansport	31.7	25.6	45.7	53.2	60.1	71.9	73.0	71.2	66.9	55.4	37.6	35.6	52.3	97	—12	Apr. 12†	.....
Madison	30.1	34.4	49.2	55.6	64.4	75.2	76.2	75.4	68.8	58.2	43.0	38.3	56.5	99	— 6	Apr. 12†	Oct. 10
Marengo (*a*)	37.7	34.3	48.4	55.1	62.8	74.6	75.9	76.3	70.1	55.9	40.3	35.9	55.6	98	—10	Apr. 6	Oct. 6
Marion	33.5	26.9	47.0	52.5	60.3	72.0	74.3	72.1	67.2	54.0	38.1	34.8	52.7	100	—10	June 7	Sept. 25
Markle	31.8	25.3	43.8	50.5	[b]60.2	71.4	73.4	[c]70.9	[d]63.5	.....	.....	.....	.....	.....	.....	June 7	Sept. 25
Manzy	32.8	27.8	44.8	50.8	60.0	72.1	73.9	73.1	68.2	52.6	36.7	33.7	52.2	98	—11	Apr. 23	Oct. 6
Mount Vernon	37.1	33.2	49.8	55.5	64.4	76.0	76.9	.....	71.5	.....	41.2	.....	.....	.....	.....	May 19	.....
Muncie	36.3	[d]31.4	[e]46.0	55.1	[d]65.3	[d]77.0	.....	[e]77.2	71.4	58.7	.....	.....	.....	.....	.....	Mar. 30†	.....
New Albany (*a*)	38.4	34.6	51.1	56.7	64.3	76.4	77.4	77.8	72.6	59.2	.....	.....	.....	.....	.....	Mar. 30†	Oct. 10
Plymouth	.....	.....	.....	51.6	59.1	72.8	75.1	72.3	67.7	54.0	36.3	33.8	.....	.....	.....	Apr. 23†	Oct. 10
Princeton (*a*)	36.0	32.6	48.8	54.8	62.9	77.3	76.9	76.7	69.9	55.1	41.3	37.7	55.8	102	— 8	Mar. 27	Oct. 10
Rockville	33.0	27.0	46.9	53.4	60.5	73.3	73.5	74.5	67.9	54.8	37.9	33.9	53.0	100	—12	Mar. 30†	Oct. 6
Scottsburg (*a*)	.....	.....	.....	.....	[e]63.4	[e]75.4	75.9	73.5	[e]69.1	55.1	39.8	35.3	.....	.....	.....	.....	Oct. 6
Seymour	34.8	30.4	47.8	54.9	62.1	75.6	76.9	75.7	70.2	57.3	40.0	36.5	55.2	100	— 4	Apr. 21	.....
Shelbyville	[f]32.7	29.5	[f]47.7	[e]54.3	.....	80.0	[f]77.4	[f]75.3	[g]68.6	[e]56.0	.....	.....	.....	.....	.....	Apr. 6†	Oct. 9
South Bend	29.4	23.8	43.9	50.4	58.3	72.5	74.3	71.7	66.7	53.3	35.4	33.0	51.1	95	—10	May 28	Oct. 14
Terre Haute	35.7	30.7	48.8	55.8	63.9	76.4	78.4	76.2	70.8	58.0	42.0	38.2	56.2	99	— 4	Apr. 12	Oct. 6
Union City	34.0	28.7	46.4	51.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 13†	.....
Valparaiso	26.6	19.8	40.3	47.6	57.2	70.4	69.8	66.6	.....	50.8	35.8	35.0	.....	98	—12	May 28†	.....
Veedersburg	[f]30.4	24.6	44.4	.....	[f]61.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 19	.....
Vevay	37.2	33.5	49.2	55.4	64.2	76.6	76.5	78.3	72.1	58.2	41.9	37.2	56.7	100	— 6	Apr. 6†	Oct. 14
Vincennes	.....	.....	.....	56.6	66.5	76.3	78.3	76.2	70.2	57.0	39.6	36.4	.....	.....	.....	Apr. 6†	.....
Worthington	34.7	32.2	48.8	55.2	61.8	72.7	74.0	73.7	66.6	55.2	40.0	35.9	54.2	97	— 8	Apr. 12	Oct. 6
Indian Territory.																	
Gwenndale	42.7	.....	.....	60.4	66.6	76.6	79.6	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 5†	.....
Healdton	40.7	.....	.....	68.6	72.0	79.3	81.0	[h]80.3	78.0	67.0	55.0	47.7	.....	.....	.....	Mar. 26	Nov. 3
Kemp	46.0	42.0	57.5	67.2	72.8	.....	.....	.....	76.1	66.8	54.6	47.2	.....	.....	.....	.....	Oct. 9
Lehigh	42.2	40.1	54.4	65.2	70.4	80.1	84.1	79.8	74.4	64.4	52.2	44.8	62.7	112	— 4	.....	Oct. 30
Purcell	40.5	36.7	57.7	62.6	69.0	75.0	80.8	78.2	76.8	66.4	52.8	43.8	61.7	110	— 7	Apr. 10†	Oct. 30
South McAlester	.....	.....	56.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tahlequah	.....	.....	.....	64.0	69.4	76.6	82.0	80.8	75.0	63.6	.....	.....	.....	.....	.....	.....	Oct. 30
Iowa.																	
Afton	.....	.....	.....	.....	.....	74.8	77.8	77.3	68.4	53.3	35.2	30.0	.....	.....	.....	.....	Oct. 8
Albia	.....	.....	.....	52.8	61.7	75.6	77.8	75.7	66.0	.....	.....	.....	.....	.....	.....	May 19	.....
Algona (*a*)	13.0	16.2	37.9	49.7	60.3	72.5	76.5	72.9	63.0	48.3	29.6	28.4	47.4	104	—24	Apr. 11	Oct. 13
Alta	12.3	16.2	37.3	49.4	60.7	72.7	76.7	74.1	64.6	49.6	30.1	27.4	47.6	106	—28	Apr. 21	Oct. 8
Amana	20.4	19.3	41.1	52.0	60.1	73.5	75.8	73.5	64.6	51.9	32.1	30.3	49.6	104	—29	May 28	Oct. 6
Ames	15.6	16.8	39.6	50.3	60.4	72.2	.....	.....	64.9	50.6	[e]31.2	29.0	.....	.....	.....	May 18	Sept. 24
Atlantic	19.0	19.0	42.1	52.9	59.7	71.2	74.0	74.5	64.4	50.5	32.2	29.5	49.1	105	—28	May 28	Sept. 18
Atlantic (near)	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.8	34.0	30.8	.....	.....	.....	.....	.....
Audubon	18.0	17.8	41.1	51.8	60.8	72.2	75.8	74.4	63.6	51.2	33.8	30.3	49.2	104	—26	May 19	Oct. 9
Belle Plaine	18.7	19.4	40.7	52.1	60.0	73.0	76.2	74.4	64.3	51.1	32.3	28.9	49.2	106	—28	May 19	Oct. 9
Bonaparte	25.6	23.3	44.6	53.1	61.8	75.0	78.2	77.1	68.3	55.3	35.1	33.2	52.6	107	—18	Apr. 12	Oct. 8
Carroll	17.4	16.6	38.5	49.9	59.5	72.4	75.2	72.3	62.6	50.7	31.7	29.6	48.0	108	—30	May 28	Sept. 24
Cedar Falls	16.9	18.9	39.4	51.8	[e]60.0	73.0	[f]77.0	75.0	64.7	52.3	31.1	28.8	49.1	105	—27	Apr. 10	Sept. 18
Cedar Rapids	21.9	20.9	42.5	53.2	61.8	74.4	76.0	74.7	65.3	52.2	34.0	32.6	50.8	100	—23	Apr. 2	Oct. 6
Centerville	27.8	25.2	45.7	59.2	64.7	.....	82.7	79.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charles City	15.6	15.9	36.7	49.5	59.7	69.4	73.2	75.2	62.3	48.8	28.8	29.1	47.0	102	—26	May 19	Sept. 18
Clarinda	20.4	21.3	41.8	53.3	62.1	73.5	76.3	77.6	66.4	53.9	34.7	30.6	51.0	101	—22	Apr. 11	Oct. 31
Clinton	23.3	20.8	42.6	52.7	61.5	74.3	75.4	73.6	65.4	52.0	33.2	31.2	50.5	100	—28	Apr. 13	Oct. 6
College Springs	22.0	22.3	42.7	54.2	62.4	72.6	76.9	77.8	68.4	55.1	36.6	31.2	51.8	106	—24	Apr. 20	Oct. 8
Corning	22.2	22.0	43.2	52.9	61.4	72.2	74.7	74.9	65.8	52.6	35.6	32.9	50.8	100	—24	May 19	Oct. 8
Cresco	15.0	15.4	35.7	48.7	58.1	69.4	74.2	72.0	62.9	49.2	27.5	26.4	46.2	105	—24	Apr. 22	Oct. 8
*Davenport	24.2	22.1	43.4	53.0	61.4	75.0	76.9	74.6	67.1	53.5	34.0	32.5	51.5	100	—21	Apr. 8†	Oct. 6
Decorah	16.3	16.8	37.4	50.1	.....	70.8	73.9	72.8	62.3	49.7	30.0	28.7	.....	.....	.....	.....	Sept. 18
Delaware (*c*)	17.6	15.8	37.1	48.8	59.4	70.9	75.0	70.7	61.4	48.0	29.2	27.6	46.8	104	—28	Apr. 10	Oct. 6
*Des Moines	21.0	20.5	42.6	53.0	62.0	74.4	77.7	76.0	66.7	53.6	34.5	32.6	51.2	104	—27	May 19	Oct. 14
*Dubuque	21.8	20.0	41.4	51.8	61.5	73.4	77.0	74.2	66.2	52.2	33.2	32.3	50.4	102	—22	Apr. 12	Oct. 7
Elkader	19.0	18.2	39.6	50.9	60.4	72.1	74.5	73.0	64.5	50.1	29.9	29.0	48.4	106	—27	May 20	Sept. 18
Emmetsburg	.....	.....	.....	.....	.....	71.6	75.1	72.6	63.6	48.7	29.0	27.8	.....	.....	.....	.....	Sept. 24
Fairfield	24.8	22.8	.....	.....	.....	74.7	76.6	73.5	66.0	53.2	33.8	31.6	.....	.....	.....	.....	Oct. 9
Fayette	17.6	17.6	38.7	50.7	58.6	72.2	75.0	73.5	64.0	49.3	30.1	29.1	48.0	107	—27	May 28	.....
Forest City	.....	.....	.....	48.2	58.4	71.0	74.3	72.6	63.1	49.0	26.0	26.1	.....	.....	.....	.....	Oct. 6
Fort Madison (*a*)	28.6	27.8	46.4	56.0	66.2	78.5	80.9	78.4	69.5	56.4	37.6	35.2	55.1	101	—16	Apr. 2	Nov. 6
Galva	14.2	16.1	39.6	50.5	60.3	70.1	74.0	70.6	[h]65.5	.....	32.0	29.5	.....	.....	.....	May 19	Sept. 11
Glenwood	23.2	23.4	46.3	56.2	66.4	76.8	80.0	80.8	68.6	55.8	35.0	31.1	53.6	108	—22	May 19	Oct. 8
Grand Meadow (*a*)	18.7	19.1	38.1	49.6	59.5	70.3	74.3	72.1	61.5	49.2	29.9	28.6	47.6	100	—22	Apr. 10	Oct. 9
Greenfield	20.4	19.8	42.8	53.3	62.0	74.5	77.5	77.6	66.7	53.1	34.5	31.3	51.1	103	—25	May 19	Oct. 31
Grinnell	21.1	21.6	42.8	52.6	62.3	.....	.....	.....	.....	53.4	33.6	.....	.....	.....	.....	Apr. 11	Nov. 1
Grundy Center	16.1	17.1	38.1	50.0	59.0	73.0	74.9	73.0	64.4	50.8	31.0	28.7	48.0	105	—26	May 19	Sept. 17
Hampton	14.4	16.8	37.5	49.2	59.2	71.5	75.7	72.8	62.6	48.6	29.1	26.5	47.0	104	—27	May 19	Oct. 1
Hopeville	22.0	20.5	42.2	53.1	61.8	73.6	77.2	77.0	66.7	53.6	34.5	31.3	51.1	102	—22	Apr. 20	Oct. 8
Hopkinton (*c*)	23.2	21.2	41.6	52.0	61.4	72.3	75.0	73.0	64.8	52.0	32.6	29.5	49.9	100	—26	.....	Oct. 14
Independence	19.4	18.2	40.4	49.9	59.4	71.3	74.6	72.2	64.4	50.6	31.6	29.3	48.4	105	—28	May 20	Oct. 6
Indianola	23.1	22.6	44.4	53.9	62.4	74.5	77.4	76.5	[e]66.6	55.2	33.2	31.8	51.8	105	—25	May 19	Oct. 14

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Iowa—Continued.																	
Iowa City	24.6	22.5	43.8	52.6	60.6	74.0	73.6	71.9	66.2	54.2	34.0	31.5	50.8	100	—30	Apr. 23	Oct. 6
Iowa Falls	13.7	15.8	37.5	48.1	57.6	69.8	[b]76.9	72.0	61.2	49.8	28.9	28.1	46.6	105	—33	May 19	Sept. 18
Jefferson	.....	.....	.....	.....	.....	74.6	78.2	76.6	65.4	.....	.....	33.2	.....	.....	.....	.....	.....
*Keokuk	28.0	25.8	46.2	53.8	63.2	75.8	78.0	76.9	68.4	56.0	36.9	34.6	53.6	102	—16	Apr. 12	Oct. 9
Keosauqua	25.6	25.5	45.7	53.8	62.6	76.2	77.7	76.4	68.5	55.9	37.2	34.8	53.3	104	—16	Apr. 2	Oct. 9
Knoxville	20.9	20.1	42.0	.....	.....	73.7	77.6	75.8	66.6	54.6	34.5	30.7	.....	104	—22	.....	Oct. 14
Larrabee	12.6	15.9	37.4	50.8	60.4	72.9	76.2	74.1	64.6	50.3	30.4	27.8	47.8	106	—28	May 20	Sept. 5
Logan	17.9	20.2	41.0	54.3	64.0	75.6	77.5	75.3	65.3	52.5	32.3	31.1	50.7	110	—26	May 19	Oct. 8
Marshalltown	.....	.....	.....	.....	.....	.....	.....	73.9	63.6	49.0	.....	.....	.....	.....	.....	.....	.....
Mason City	.....	.....	.....	52.6	58.4	69.4	[c]74.7	[d]72.2	63.9	48.7	27.6	26.4	.....	103	.....	May 28	Sept. 11
Maxon	20.2	18.4	41.5	52.8	62.4	76.5	79.9	75.5	67.1	53.0	32.5	31.3	50.9	108	—28	Apr. 11	.....
Mechanicsville	20.8	18.4	40.3	51.0	59.5	72.4	74.5	72.6	64.4	52.3	30.9	30.7	49.0	102	—22	Apr. 12	Oct. 6
Monticello (*a*)	18.9	17.4	38.4	50.5	60.6	72.8	75.4	73.0	62.8	49.5	30.6	28.9	48.2	103	—30	Apr. 12	Sept. 25
Moore	.....	.....	.....	.....	.....	.....	.....	.....	66.3	57.5	39.2	34.2	.....	.....	.....	.....	Sept. 18
Mount Pleasant (*b*)	22.8	22.8	45.6	53.5	61.9	77.3	75.1	72.4	65.8	54.7	35.8	32.8	51.7	96	.....	.....	Oct. 8
Mount Vernon (*a*)	20.8	19.4	40.4	52.8	61.4	.....	.....	.....	.....	52.2	32.3	30.0	.....	.....	—25	.....	Oct. 9
Muscatine	25.9	21.7	43.2	47.8	62.0	74.9	76.8	75.5	64.9	53.3	35.5	30.6	51.0	100	—21	.....	.....
Newton	19.4	19.2	41.9	52.3	61.8	74.1	78.1	75.2	65.8	52.9	33.2	31.2	50.4	106	—27	May 19	Oct. 8
Ogden	.....	.....	.....	.....	.....	.....	81.8	77.1	66.0	51.9	31.1	29.3	.....	.....	.....	.....	Oct. 5
Osage (*c*)	12.5	14.0	34.3	47.0	58.1	69.5	73.0	68.9	58.6	46.3	26.7	25.3	44.5	.....	.....	May 28	Oct. 1
Osceola	.....	.....	.....	.....	.....	[e]74.2	[e]78.1	77.0	65.7	48.6	33.9	30.2	.....	.....	.....	.....	Oct. 8
Oskaloosa	22.1	22.8	43.1	53.7	.....	73.7	75.0	74.5	65.8	53.5	34.2	31.7	.....	103	—27	.....	Oct. 9
Ottumwa	25.2	24.7	44.8	53.9	62.0	76.0	77.2	76.3	68.1	54.6	35.2	34.2	52.7	103	—20	May 19	Oct. 9
Ovid	23.8	22.8	43.2	53.4	61.4	74.7	78.8	78.8	68.1	54.3	34.8	32.3	52.2	107	—25	May 20	Sept. 18
Panama	17.5	17.8	42.1	52.3	62.4	72.4	76.4	74.8	65.8	52.5	33.0	30.0	49.8	105	—25	May 19	Sept. 18
Richland (*a*)	21.0	20.1	41.3	51.8	60.9	74.3	77.6	74.3	64.7	52.9	33.9	31.2	50.3	107	.....	Apr. 20	Oct. 6
Rock Rapids	9.6	14.5	36.7	49.9	60.2	72.7	77.2	72.7	64.9	52.7	31.3	27.6	47.5	.....	—29	May 20	Sept. 11
Rockwell City	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.9	30.1	26.9	.....	.....	.....	May 20	Sept. 10
Sac City	14.0	17.0	37.5	47.9	60.8	72.8	77.0	75.9	63.6	49.6	30.7	27.5	47.9	106	—30	May 19	Oct. 8
Seymour	25.6	24.6	44.5	53.9	62.2	75.6	78.4	77.5	68.5	55.3	35.5	33.7	52.9	103	—20	May 19	Oct. 9
Sibley	9.1	13.4	37.2	48.1	58.6	69.8	72.6	71.4	62.6	49.6	30.4	26.6	45.8	102	—30	May 28	Sept. 11
*Sioux City	14.6	18.6	39.8	51.6	62.4	72.4	76.0	75.2	65.7	52.6	33.4	30.2	49.4	107	—26	May 19	Sept. 30
Spirit Lake	10.3	15.0	38.1	50.3	59.4	73.1	78.5	75.0	65.2	49.1	29.4	28.4	47.6	109	—30	May 28	Sept. 24
Sutherland	.....	.....	.....	[d]48.3	59.8	72.5	74.9	72.9	63.8	.....	.....	.....	.....	.....	.....	May 20	Sept. 24
Tipton	23.3	21.2	42.2	.....	.....	.....	77.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo (*a*)	19.9	20.5	41.8	52.1	63.5	73.6	78.3	76.7	69.8	51.3	32.4	29.8	50.8	.....	.....	May 20	Oct. 6
Villisca	19.5	21.2	40.3	.....	.....	.....	.....	.....	65.6	51.8	34.2	31.2	.....	.....	.....	.....	Oct. 8
Vinton (*a*)	16.5	19.7	40.3	51.4	60.8	73.3	76.3	73.4	63.4	50.8	31.5	30.4	49.0	104	—30	May 19	Sept. 18
Washington	23.2	22.6	42.0	53.6	60.4	73.8	76.9	74.2	66.2	52.7	33.0	31.4	50.8	104	—24	Apr. 5	Oct. 9
Wankee	.....	.....	.....	.....	.....	.....	.....	.....	.....	52.2	36.0	32.8	.....	.....	.....	.....	.....
Webster City (*a*)	15.3	17.0	37.8	51.2	63.0	73.9	77.7	74.7	63.7	48.4	30.0	27.6	48.4	108	—26	Apr. 15	Oct. 9
West Bend (*a*)	10.7	14.1	37.1	[e]48.3	59.4	70.7	75.7	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 20	.....
Williams (*a*)	14.4	16.3	37.4	48.6	59.4	71.6	75.0	72.3	62.2	48.9	29.3	26.6	46.8	107	—27	May 19	Oct. 11
Wilton Junction	.....	.....	.....	.....	.....	.....	.....	.....	.....	52.0	32.8	30.9	.....	.....	.....	.....	.....
Winterset	21.2	21.3	42.0	53.5	62.2	74.2	78.2	76.3	66.3	52.4	33.4	30.0	50.9	105	—26	Apr. 20	Oct. 9
Kansas.																	
Abilene	29.0	28.3	48.8	61.2	66.2	73.4	78.0	78.8	70.0	59.5	43.0	36.2	56.0	104	—13	May 19	Oct. 8
Achilles (*c*)	17.0	12.4	35.0	50.4	63.2	72.4	76.3	72.8	[e]66.6	47.6	32.1	22.8	47.4	110	—26	May 19	Oct. 7
Allison (*b*)	20.0	17.0	39.6	53.0	66.1	71.8	77.8	75.4	63.2	51.6	36.0	27.6	49.9	106	—21	May 19	Oct. 8
Altoona (*c*)	29.2	27.2	46.9	58.4	66.0	74.1	77.2	77.4	71.4	56.6	40.6	34.5	55.0	104	—10	May 20	Oct. 8
Atchison	27.0	26.2	46.4	57.2	64.7	74.1	76.0	78.6	68.5	57.6	40.4	35.7	54.4	103	—17	Apr. 4	Oct. 8
Beloit	25.6	.....	41.8	56.8	63.4	74.3	78.6	80.3	68.0	59.0	44.2	.....	.....	.....	.....	May 18	Oct. 7
Blaine (*a*)	.....	.....	.....	.....	.....	.....	.....	.....	64.2	55.1	39.2	32.8	.....	.....	.....	.....	Sept. 29
Burlington	30.7	26.6	47.8	58.4	65.0	72.6	76.8	78.7	70.6	59.8	40.8	36.0	55.3	104	—13	May 20	Oct. 8
Cawker City (*a*)	23.3	.....	[b]41.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffeyville (*a*)	.....	.....	.....	.....	.....	74.3	77.8	79.0	73.5	63.9	52.8	37.8	.....	.....	.....	.....	Oct. 9
Colby	25.4	21.3	42.2	53.2	63.1	71.0	76.6	75.2	65.2	54.2	41.8	30.2	51.6	107	—26	May 19	Oct. 8
Coldwater	30.8	[c]31.0	47.7	58.6	66.9	75.6	78.6	79.6	70.2	60.1	43.8	35.3	56.5	107	—14	Apr. 10	Oct. 8
Collyer (*f*)	21.9	18.2	38.5	52.7	64.5	72.4	77.6	72.6	66.6	53.6	36.0	31.2	50.5	109	—10	.....	.....
Columbus	32.6	30.4	49.2	58.6	65.5	75.2	76.1	76.4	69.0	59.2	44.4	36.6	56.1	101	—14	May 19	Oct. 9
*Concordia	27.1	24.8	45.8	57.3	64.0	73.2	77.1	78.4	68.4	58.0	41.4	35.4	54.2	104	—17	May 19	Sept. 30
Coolidge	27.6	23.0	44.8	53.4	63.4	71.2	77.4	75.4	64.7	55.8	43.8	31.0	52.6	108	—17	May 19	Oct. 8
Cunningham	29.8	27.3	47.8	59.8	66.0	75.8	78.9	78.5	[d]68.0	59.5	43.6	36.2	55.9	111	—14	May 19	Oct. 8
*Dodge City	30.8	24.3	46.1	57.6	64.9	73.4	78.5	75.9	68.8	59.4	44.4	34.4	54.9	106	—15	May 19	Oct. 8
Eldorado	30.5	30.0	46.6	59.5	68.4	76.2	.....	[b]80.0	71.4	59.4	45.4	39.3	.....	.....	.....	Apr. 19	Oct. 29
Elk City (*a*)	33.0	30.9	50.8	60.0	67.2	75.9	79.5	80.9	71.2	59.8	46.0	37.6	57.7	115	— 9	Apr. 5	Oct. 8
Ellis (*e*)	30.5	25.4	46.1	57.8	69.2	.....	.....	76.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Emporia	31.4	28.6	48.7	59.2	66.5	75.0	78.4	79.0	68.3	58.6	44.4	38.0	56.3	.....	.....	May 18	Oct. 8
Englewood	32.2	26.8	47.9	60.0	65.6	75.0	79.6	77.0	67.0	60.2	43.4	.....	.....	.....	.....	May 18	Sept. 29
Eureka	26.0	20.6	43.7	56.5	65.4	74.3	78.8	78.6	68.4	57.0	40.0	29.6	53.2	111	—21	May 19	Sept. 30
Fort Riley	30.6	23.6	47.5	56.0	62.2	70.6	70.2	[b]75.4	68.4	59.6	43.7	36.7	53.7	101	—14	Apr. 5	Oct. 8
Frankfort	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42.4	37.6	.....	.....	.....	.....	.....
Garden City	28.5	22.0	45.8	55.8	65.7	73.6	76.6	73.4	65.4	56.0	42.6	30.7	53.0	104	—17	May 19	Oct. 8
Gibson (*a*)	.....	.....	41.3	53.0	60.8	70.6	76.6	75.3	65.8	53.4	38.0	26.8	.....	.....	.....	May 19	Oct. 2
Gove (*a*)	26.6	22.7	41.2	55.8	64.9	73.4	78.8	77.6	67.3	56.4	39.0	32.3	53.0	108	—17	May 18	Oct. 8
Grainfield (*f*)	30.7	23.9	44.3	59.4	69.4	78.2	82.1	76.7	74.1	66.0	48.2	35.4	57.4	108	—13	.....	.....
Grenola (*a*)	31.5	29.5	48.8	60.5	67.7	76.7	79.7	80.4	70.7	58.5	[d]44.2	38.6	57.2	110	—10	Apr. 10	Oct. 8
Grinnell (*f*)	21.2	29.4	32.6	60.2	63.9	79.3	88.4	81.9	66.9	55.6	38.7	32.3	54.2	113	—14	.....	.....
Halstead	29.2	27.7	46.4	56.6	63.2	70.6	74.6	75.6	67.4	58.3	42.4	33.2	53.8	102	—18	.....	Oct. 8
Hays City	26.2	23.8	44.6	58.0	64.4	74.0	78.4	75.2	64.4	57.1	40.5	31.6	53.2	108	—22	May 19	Oct. 8
Horton	26.8	25.8	45.8	56.6	64.6	74.1	76.8	79.1	68.8	57.0	40.0	35.6	54.2	102	—16	Apr. 11	Oct. 9
Hutchinson	33.6	29.8	48.4	59.4	66.2	74.9	75.8	78.6	70.0	61.6	45.9	38.4	56.9	103	—14	Apr. 10	Oct. 8
Independence	33.0	30.6	50.6	61.2	67.7	78.1	80.9	81.8	72.5	61.8	46.3	37.2	58.5	110	—10	May 20	Oct. 8
Ionia	23.4	21.5	42.5	56.2	63.4	72.6	76.7	78.6	68.1	57.8	39.5	33.4	52.8	107	—22	May 19	Sept. 30
Jaqua	.....	.....	41.2	53.3	63.2	70.2	75.9	75.0	65.5	55.8	43.4	31.6	.....	.....	.....	Apr. 28	Oct. 8
Johnson	.....	22.6	44.2	56.0	66.4	74.0	77.7	75.5	67.2	58.0	45.4	34.1	.....	.....	.....	Apr. 30	Oct. 8

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Kansas—Continued.																	
Kiowa	34.6	29.6	50.4	60.6	66.8	76.2	80.0	79.6	69.8	60.6	46.6	38.6	57.8	114	—15	Apr. 10	Oct. 8
Lakin	32.6	29.4	42.9	57.8	65.6	73.2	77.6	73.7	69.2	60.4	49.6	39.0	55.9	110	—13	May 19	Oct. 8
Lawrence	30.0	28.0	48.3	58.3	66.6	76.1	77.9	75.1	68.8	58.6	42.1	37.0	55.5	102	—14	May 19	Oct. 20
Lebo	30.4	28.1	48.1	59.2	65.2	74.6	77.4	79.1	69.7	59.4	44.2	38.5	56.2	106	—14	May 20	Oct. 8
Leoti	29.8	20.6	43.1	54.2	64.0	72.0	77.2	73.8	65.3	.....	42.8	31.0	.....	.....	.....	May 19	.....
Liberal	.....	.....	.....	59.7	68.4	75.2	80.8	77.4	.....	.....	.....	.....	.....	.....	.....	Apr. 9	.....
Macksville	29.0	25.3	46.8	58.9	66.3	76.0	79.7	78.2	69.6	59.8	49.7	36.1	56.3	112	—16	May 19	Oct. 8
McPherson	26.4	23.9	46.4	59.2	64.3	74.6	77.9	79.8	68.9	59.0	44.5	34.4	54.9	101	—17	May 18	Oct. 8
Manhattan [1]	27.4	26.2	47.3	59.2	64.9	74.0	79.2	80.4	72.2	59.6	42.1	36.6	55.8	107	—14	May 20	Oct. 9
Manhattan (a) [2]	25.0	23.7	43.0	55.5	62.0	.....	71.4	76.7	65.3	54.1	36.9	32.1	.....	.....	.....	May 20	Sept. 30
Marion	29.6	25.8	47.1	58.1	62.8	73.0	75.5	76.7	68.4	57.6	.....	.....	.....	.....	.....	May 20	Oct. 8
Marmaton	.....	.....	.....	.....	.....	75.6	.....	.....	68.3	.....	.....	.....	.....	.....	.....	May 19	.....
Minneapolis	26.7	23.4	45.2	58.0	64.8	74.6	79.4	79.1	68.6	57.9	40.7	34.1	54.4	108	—16	May 19	Oct. 8
Monument (a)	26.7	23.5	42.4	54.5	65.6	73.2	79.4	77.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morland	26.1	21.2	42.2	53.8	63.8	71.0	76.2	76.0	67.2	55.8	41.5	33.1	52.3	107	—21	May 19	Oct. 8
Morton	33.4	25.1	46.6	57.2	67.4	73.8	77.6	74.4	67.0	58.4	45.2	34.6	55.1	107	— 9	Apr. 9	Oct. 8
Mount Hope (a)	32.3	28.2	49.0	60.8	66.5	76.8	78.4	79.5	70.6	60.5	46.1	38.4	57.3	104	—12	May 19	Oct. 8
Ness City	.....	.....	.....	.....	68.9	78.4	81.8	80.8	71.8	[6]61.4	48.0	34.7	.....	.....	.....	May 19	Oct. 20
*New England Ranch	.....	.....	44.7	54.6	64.2	72.6	76.8	77.5	63.5	52.2	38.2	27.1	.....	.....	.....	May 18	Oct. 1
Norton	25.7	22.7	44.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Olathe	29.8	28.9	47.4	58.0	65.4	74.1	76.1	77.4	68.4	58.3	42.0	.....	.....	.....	.....	May 21	Oct. 8
Oswego	32.2	29.1	49.4	58.6	65.9	74.6	77.0	78.4	68.4	60.2	43.5	37.4	56.2	109	—16	May 20	Oct. 8
Pauline	31.7	29.4	48.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phillipsburg	25.2	19.6	.....	51.3	62.5	73.0	78.4	79.2	68.8	58.9	40.0	28.6	.....	110	—22	May 19	Sept. 30
Pleasant Dale	27.0	22.9	45.9	56.7	63.2	73.3	76.0	77.0	[6]68.0	58.2	42.7	32.1	53.6	105	—20	May 19	Sept. 30
Quinter (a)	17.4	19.2	39.8	61.0	68.8	76.8	82.0	85.0	70.4	58.9	46.6	31.6	54.8	108	—20	May 20	Oct. 7
Rome (a)	32.8	29.5	48.7	59.9	65.7	75.5	79.3	79.5	71.0	60.3	45.5	38.0	57.1	108	—10	Apr. 5	Oct. 8
Salina	.....	.....	.....	.....	65.2	75.9	81.2	80.5	.....	65.2	50.3	29.6	.....	.....	.....	May 19	.....
Sedan	33.6	30.4	50.5	61.0	67.5	76.0	80.8	82.4	72.4	62.6	47.8	39.4	58.7	106	—10	May 19	Nov. 13
Sharon Springs (a)	30.1	26.6	43.5	54.8	66.0	72.3	78.6	78.5	69.8	56.8	46.4	36.2	55.0	110	—10	.....	.....
Sterling	32.2	28.2	50.6	59.5	61.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Topeka	29.8	28.1	48.6	58.5	65.6	74.8	76.9	78.6	69.9	59.9	43.4	38.0	56.0	102	—14	May 20	Oct. 8
Topeka [3]	[6]28.8	[6]28.8	[6]43.5	.....	66.0	74.1	78.0	80.5	70.2	59.8	40.4	.....	.....	.....	.....	.....	Oct. 8
Tribune	30.2	21.4	44.8	53.4	[6]65.4	[6]71.2	76.8	[6]74.0	[6]66.0	[6]54.6	42.1	.....	.....	.....	.....	May 19	Oct. 8
Ulysses	.....	22.1	46.0	57.7	68.8	75.6	81.2	[6]77.8	[6]68.2	[6]62.0	[6]44.6	.....	.....	.....	.....	Apr. 21	Oct. 8
Wa Keeney (a)	29.8	23.7	42.2	54.7	64.5	74.3	79.8	79.3	69.4	58.6	47.0	33.0	54.7	106	—12	.....	.....
Wakefield (a)	25.6	27.0	47.0	60.6	66.8	75.8	80.7	82.3	69.9	59.5	42.4	36.1	56.2	112	—14	May 19	Oct. 8
Wallace	28.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 19	.....
Wamego (a)	26.2	25.6	45.6	57.8	63.0	74.7	78.3	79.7	68.7	56.6	40.7	35.8	54.4	105	—14	May 21	Oct. 8
Washington (a)	26.2	25.2	46.1	57.2	65.2	72.2	76.7	78.9	68.6	[6]58.2	40.3	.....	.....	110	—20	May 20	Oct. 8
Wellington (a)	.....	.....	.....	64.4	71.2	79.4	81.7	82.8	73.9	63.0	48.4	40.1	.....	102	.....	.....	Oct. 30
Westmoreland (b)	.....	.....	.....	.....	.....	.....	.....	83.0	71.7	57.8	42.0	.....	.....	.....	.....	.....	Oct. 1
*Wichita	32.1	28.0	49.0	60.0	66.3	75.2	78.2	79.2	70.8	61.4	46.0	37.8	57.0	104	—12	May 19	Oct. 8
Winfield (c)	.....	.....	48.6	58.5	66.4	77.7	81.9	82.6	71.9	60.6	43.4	36.5	.....	114	.....	May 20	Oct. 8
Winona (f)	23.9	.....	44.8	50.8	62.8	69.6	75.4	78.4	66.1	61.4	38.7	31.9	.....	106	.....	.....	.....
Yates Center	.....	.....	.....	.....	.....	74.0	76.2	78.0	69.0	59.5	[6]43.2	36.1	.....	103	.....	May 19	Oct. 8
Kentucky.																	
Alpha (a)	47.5	43.9	56.7	60.8	68.5	80.0	78.9	81.9	76.2	64.1	50.7	46.1	62.9	100	— 4	Apr. 13	.....
Blandville	.....	.....	50.6	58.2	65.5	76.3	76.0	77.3	71.2	59.9	44.8	39.9	.....	.....	.....	.....	.....
Bowling Green (a) [4]	38.8	35.5	49.3	54.2	61.8	72.1	72.6	74.0	68.7	54.9	41.1	37.0	55.0	98	— 7	Apr. 6	Oct. 5
Bowling Green [5]	39.2	36.5	54.3	58.6	66.7	79.9	76.8	79.2	73.0	60.2	44.1	38.2	58.9	104	— 6	Apr. 6	Oct. 5
Caddo	41.5	39.7	47.6	56.8	67.1	75.0	80.5	76.2	71.3	58.2	.....	38.3	.....	.....	.....	.....	.....
Canton (a)	41.6	37.7	52.7	59.0	65.6	76.2	75.4	77.8	71.0	59.8	45.3	39.9	58.5	105	— 5	Apr. 6	Oct. 14
Carrollton	39.9	33.9	49.8	56.9	64.4	73.5	77.6	77.0	72.2	58.0	39.9	37.3	56.6	104	— 4	Apr. 6	Oct. 9
Catlettsburg (e)	41.2	36.8	50.3	55.3	63.2	79.8	.....	.....	71.8	54.4	41.6	39.8	.....	.....	.....	.....	.....
Cromwell (a)	.....	.....	.....	.....	66.5	83.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Earlington	40.8	36.4	54.2	58.0	65.0	77.0	76.6	.....	.....	[6]60.6	45.8	40.0	.....	.....	.....	.....	.....
Eddyville (a)	.....	.....	.....	.....	64.9	74.0	74.5	75.6	70.1	56.6	45.6	40.9	.....	.....	.....	.....	.....
Edmonton	39.8	[6]37.3	51.2	56.0	62.7	73.5	73.8	75.3	70.0	56.0	42.8	37.3	[6]36.3	98	— 4	Apr. 13	Oct. 10
Elizabethtown	37.4	34.8	49.3	56.3	.....	79.2	76.4	79.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eubank	38.6	36.2	49.9	55.6	63.7	72.9	74.2	76.8	71.9	56.8	42.0	37.6	56.4	102	— 7	May 20	Oct. 6
Fords Ferry	40.8	36.4	52.9	57.9	68.2	78.5	78.4	78.8	73.3	59.2	42.7	40.6	59.0	105	— 4	Apr. 6	Oct. 9
Franklin (a)	42.9	37.7	54.9	57.8	65.5	77.1	77.1	79.5	73.0	60.8	46.4	41.1	59.5	101	— 5	Apr. 12	Oct. 8
Georgetown	.....	.....	48.7	53.3	62.3	.....	.....	.....	.....	[6]58.1	42.2	37.7	.....	.....	.....	.....	.....
Greendale (a)	38.5	35.0	49.3	54.4	64.6	75.4	76.8	77.0	71.2	58.4	41.7	36.6	56.6	96	— 5	May 20	Oct. 15
Greensburg (a)	39.3	36.5	51.0	55.3	62.0	73.1	73.9	74.7	69.8	55.0	43.0	37.4	55.9	98	— 5	Apr. 6	Oct. 9
Harrodsburg	39.4	36.3	50.0	55.0	63.8	74.3	75.9	76.6	71.0	57.0	41.6	37.1	56.5	98	— 5	May 20	Oct. 6
Henderson	[6]38.3	37.8	53.4	59.6	66.7	79.3	78.4	79.8	73.1	60.8	44.9	42.2	59.5	96	— 5	Apr. 6	Oct. 14
Herbert	.....	.....	.....	.....	.....	.....	77.5	78.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Grange	35.1	[6]32.2	.....	.....	[6]65.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lexington	38.0	34.0	49.2	54.0	62.4	74.6	75.6	76.0	71.0	57.6	41.3	37.4	55.9	97	— 6	.....	.....
Louisa	.....	.....	.....	.....	62.6	72.9	75.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Louisville	39.8	35.4	51.4	56.4	64.6	76.9	78.1	78.6	73.0	59.4	43.4	39.6	58.0	99	— 5	Mar. 26	Oct. 9
Marrowbone	.....	.....	.....	.....	66.0	74.0	74.4	76.0	70.3	.....	.....	38.3	.....	.....	.....	.....	.....
Matlock	.....	.....	.....	.....	.....	78.0	76.1	80.2	74.6	66.5	43.3	40.0	.....	.....	.....	.....	.....
Middlesboro	[6]40.6	.....	51.7	.....	[6]63.7	72.6	.....	[6]75.2	67.7	.....	.....	39.2	.....	.....	.....	.....	.....
Mount Sterling	36.5	34.2	47.6	53.2	62.5	73.2	75.7	74.5	68.6	54.6	39.2	35.1	54.6	94	— 6	May 20	Oct. 6
Munfordville (a)	41.6	38.2	51.9	58.6	65.8	72.7	77.1	78.9	73.4	60.0	47.9	39.6	58.8	97	— 8	Apr. 6	Oct. 15
Paducah	40.6	36.9	54.0	60.0	67.1	79.8	79.2	80.8	74.1	61.6	45.6	41.5	60.1	105	— 4	Apr. 6	Oct. 9
Pellville	39.2	[6]35.0	50.8	56.8	65.8	.....	.....	.....	73.0	59.3	45.0	[6]41.9	.....	.....	.....	.....	.....
Pleasant Ridge Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.3	38.4	.....	.....	.....	.....	.....
Princeton	35.1	35.6	50.4	55.7	65.0	.....	.....	75.8	.....	55.9	42.3	[6]42.2	.....	.....	.....	.....	.....
Richmond	.....	.....	[6]50.8	55.8	65.8	.....	.....	.....	.....	58.4	43.6	37.2	.....	.....	.....	.....	.....
Russellville	41.0	38.0	53.0	58.1	65.9	77.3	77.4	79.0	74.6	62.7	45.2	40.6	59.4	103	— 6	Apr. 12	Oct. 9
Sandy Hook	39.8	37.2	48.0	53.2	63.8	72.7	74.0	73.6	69.0	.....	44.1	39.5	.....	.....	.....	.....	.....
Shelby City (a)	39.6	35.6	50.2	53.4	62.0	72.1	72.5	74.6	70.2	57.2	42.0	37.8	55.6	94	— 3	May 20	Oct. 9
Shelbyville	37.9	34.7	49.6	55.2	64.3	75.0	77.1	77.7	72.4	58.2	41.1	35.5	56.6	103	— 8	May 20	Oct. 9

[1] Prof. E. R. Nichols. [2] C. P. Blachly. [3] Washburn College. [4] J. E. Younglove. [5] M. H. Crump.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Kentucky—Continued.																	
South Fork (b)	36.1	35.8	45.9	52.9	62.7	71.9	.....	71.9	67.7	50.2	39.4	36.7	.....	.....	.....	.....	.....
Springfield	40.6	36.7	50.8	52.1	60.3	73.2	74.7	76.2	71.1	58.6	44.4	36.5	56.3	100	— 7	May 20	Oct. 5
Louisiana.																	
Abbeville	57.5	53.4	64.1	72.8	73.4	76.6	77.4	79.8	78.2	69.2	61.0	57.0	68.4	98	16	Mar. 30	Nov. 11
*Alexandria	49.4	44.3	.....	.....	72.2	75.8	78.8	78.1	75.0	65.0	55.4	51.4	.....	.....	.....	Mar. 29	Nov. 12
*Amite	55.0	51.6	61.7	68.8	73.5	77.4	79.2	79.8	77.7	66.3	57.6	56.2	67.1	100	10	Mar. 30	Oct. 31
Bastrop	51.4	47.0	59.6	66.8	72.0	75.7	77.7	78.2	74.8	66.8	53.1	49.8	64.4	100	10	.....	.....
Baton Rouge	54.6	52.8	61.6	70.0	74.6	77.3	76.3	80.2	78.5	68.5	59.6	56.0	67.5	100	14	.....	Nov. 12
Calhoun	47.8	44.8	59.2	64.2	72.6	77.4	79.0	78.3	75.1	65.6	53.4	48.9	63.9	102	12	.....	.....
Cameron	55.9	51.8	62.8	69.7	72.8	79.9	*82.7	78.0	81.6	74.2	62.2	58.2	69.2	103	20	Feb. 26	Dec. 27
*Cheneyville	.....	.....	.....	.....	74.8	77.0	79.0	79.8	76.3	64.0	*55.4	.....	.....	.....	.....	Mar. 29	Nov. 4
Cinclare	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.7	53.6	.....	.....	.....	.....	Nov. 6
Clinton	*59.6	*55.8	65.6	73.2	*73.8	74.8	76.8	.....	76.0	65.2	55.9	51.5	.....	.....	.....	Mar. 30	Nov. 6
*Coushatta	49.2	48.6	61.0	68.8	74.6	77.2	79.2	78.8	75.9	66.6	55.0	51.5	65.5	101	10	.....	.....
*Covington	.....	.....	.....	72.3	73.4	77.0	77.8	79.5	77.2	66.0	56.4	53.6	.....	.....	.....	.....	Oct. 30
Davis	49.2	44.4	58.8	65.8	70.8	75.4	76.8	81.0	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Donaldsonville	57.6	58.0	61.3	72.4	76.0	78.8	80.2	81.2	80.0	71.9	60.3	57.0	69.6	100	19	Mar. 27	Nov. 7
Emille	54.3	54.1	62.2	70.4	74.4	77.6	78.8	83.2	77.6	66.6	57.5	54.8	67.6	99	16	Mar. 27	Nov. 12
Farmerville	51.6	*45.8	58.5	65.6	72.6	76.8	78.6	78.4	74.8	*66.0	52.4	47.4	64.0	100	10	Mar. 30	Oct. 30
Franklin	57.2	55.4	64.4	73.0	75.0	77.8	79.2	80.5	78.4	67.8	59.1	56.6	68.7	100	16	Mar. 30	Nov. 12
Girard	44.5	45.0	58.4	65.5	71.6	.....	76.4	.....	76.8	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Grand Coteau	55.4	54.2	64.4	72.0	74.8	77.5	78.0	78.0	77.1	65.4	58.8	56.1	67.6	97	17	Feb. 26	Dec. 27
Hammond	54.8	53.1	62.0	70.2	74.2	77.8	79.2	.....	.....	.....	.....	54.6	.....	.....	.....	Mar. 28	.....
Houma	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jeanerette	55.4	54.8	63.8	71.8	74.6	76.9	78.4	79.2	78.4	67.4	60.0	57.4	68.2	100	16	Mar. 30	Nov. 12
*La Fayette	56.6	54.9	63.3	72.9	75.6	79.0	79.7	80.2	78.4	69.2	59.6	55.5	68.7	104	14	Mar. 30	Nov. 12
Lake Charles	52.4	50.0	.....	.....	72.2	75.6	*79.9	80.7	78.8	70.3	60.1	.....	.....	.....	.....	Feb. 26	Dec. 12
Lake Providence	49.0	45.4	58.6	67.1	72.4	75.7	78.2	78.2	74.0	63.0	52.3	48.1	63.5	98	9	Mar. 30	Nov. 4
Lawrence	56.8	*52.7	59.7	*69.0	78.0	*82.8	*81.0	*82.4	*79.1	*69.6	*59.4	*55.6	68.8	98	22	.....	Dec. 27
Liberty Hill	51.2	*44.3	60.2	68.2	*76.5	77.2	80.2	80.0	77.0	66.5	54.0	51.2	65.5	105	7	Mar. 30	Nov. 6
Many	.....	.....	.....	70.6	74.1	73.8	79.5	78.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maurepas	55.8	53.7	63.6	70.9	75.0	78.0	79.5	81.2	78.9	67.5	56.8	55.9	68.1	100	12	.....	.....
Melville	58.8	58.4	.....	76.4	.....	.....	†78.0	80.5	77.9	68.2	57.1	55.4	.....	.....	.....	Mar. 29	Oct. 30
*Minden	51.6	47.4	59.2	67.8	74.2	78.0	80.4	81.6	77.7	67.9	55.4	.....	.....	105	.....	.....	.....
*Monroe	51.0	48.6	61.4	68.6	75.4	78.4	80.9	79.6	76.6	66.0	55.0	51.2	66.1	101	14	Mar. 27	Oct. 29
*Natchitoches	52.7	49.0	59.6	68.3	72.0	74.5	77.3	77.4	74.8	65.1	53.9	52.2	64.7	100	10	.....	.....
New Iberia	58.2	52.0	67.6	71.4	74.9	76.8	79.0	79.8	77.9	68.0	59.0	55.9	68.4	99	19	Feb. 26	Dec. 27
*New Orleans	58.0	54.9	63.0	70.8	75.3	78.2	79.1	80.5	79.9	70.8	60.5	57.8	69.1	99	21	Mar. 27	.....
Oberlin	.....	.....	.....	.....	74.5	76.2	76.7	81.9	75.6	.....	57.5	.....	.....	.....	.....	Mar. 28	Nov. 4
Opelousas	56.0	53.8	.....	*73.2	74.6	78.4	79.3	80.2	77.4	68.2	59.2	55.6	.....	.....	.....	Mar. 30	Oct. 30
Oxford	50.4	46.4	57.2	67.0	71.2	74.4	76.8	79.0	74.3	64.4	54.4	50.7	63.8	95	8	Mar. 29	Nov. 12
Paincourtville	57.7	54.4	64.0	71.2	*73.8	76.8	79.3	80.9	78.8	66.8	58.4	55.5	68.1	99	11	Mar. 30	Oct. 30
Plain Dealing	48.6	45.8	58.0	65.4	71.6	75.6	77.9	77.4	*79.9	65.8	54.0	47.7	64.0	100	6	.....	.....
Plaquemine	57.6	.....	62.8	69.0	72.9	74.5	76.4	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 28	None.
*Port Eads	60.6	57.2	62.2	69.3	75.0	*77.4	.....	81.3	80.4	72.8	61.9	60.4	.....	.....	.....	None.	None.
Rayne	55.2	.....	.....	73.0	74.6	75.6	81.0	80.5	78.9	70.0	60.5	.....	.....	103	.....	Mar. 29	Nov. 12
Roseland	57.6	52.4	61.8	70.5	73.6	77.5	78.8	.....	77.8	.....	.....	.....	.....	.....	.....	Mar. 28	None.
St. Joseph	.....	47.4	60.8	.....	.....	78.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 29	None.
Schriever	59.2	55.2	65.2	73.2	*75.0	77.3	78.9	81.0	78.6	67.2	58.6	54.4	68.6	100	13	Mar. 28	None.
Shell Beach	56.8	54.4	62.8	72.3	77.4	78.6	79.2	79.2	77.4	69.4	60.2	54.7	68.5	97	13	Mar. 29	None.
*Shreveport	50.8	47.4	59.8	68.4	73.9	77.8	79.9	78.8	76.3	67.3	55.6	51.2	65.6	101	11	.....	.....
Sugar Exp. Station	56.7	53.2	62.1	70.5	74.8	77.0	79.3	80.6	78.7	68.0	57.3	55.0	67.8	99	19	.....	Nov. 11
Sugartown	.....	46.6	59.0	65.4	68.8	71.1	75.4	74.1	*73.0	62.8	52.2	50.0	.....	99	.....	Mar. 30	Nov. 6
Wallace	58.6	54.4	63.6	70.9	74.9	76.9	78.6	79.9	77.8	68.0	58.6	56.6	68.1	97	20	Feb. 27	Dec. 27
Winnfield	52.2	48.5	60.5	68.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Feb. 27	.....
Winnsboro	.....	.....	59.4	.....	*75.4	.....	.....	79.4	76.6	*70.0	.....	.....	.....	.....	.....	Mar. 28	Nov. 19
Maine.																	
Bar Harbor	23.6	21.2	35.8	42.9	52.7	61.0	68.7	63.0	60.4	*49.6	38.5	.....	.....	.....	.....	Apr. 30†	Nov. 6
Belfast (f)	18.0	17.9	34.8	43.5	52.3	61.0	67.7	62.8	58.4	48.4	32.5	24.5	43.5	89	—15	May 16	Sept. 26
Calais	16.8	18.8	34.6	39.9	52.3	62.0	68.4	62.4	.....	*47.8	34.2	25.0	.....	91	—16	Apr. 29†	.....
Cornish (a)	20.9	18.8	35.9	44.4	54.3	66.6	70.5	63.8	60.0	48.0	30.5	24.3	44.3	96	—18	May 15	Sept. 26
East Machias	17.6	16.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 14†	Sept. 8
Easton	9.6	.....	.....	.....	53.8	.....	66.7	59.8	56.8	46.3	27.6	21.0	.....	.....	.....	Apr. 29†	Nov. 5
*Eastport	21.2	19.0	33.4	39.0	47.6	52.6	60.6	59.2	56.7	48.6	34.5	27.4	41.6	91	—14	May 23†	Sept. 27†
Fairfield	14.0	13.0	33.7	44.0	54.2	65.1	69.5	62.7	58.6	48.1	32.6	23.9	43.3	93	—31	May 22†	Sept. 12†
Farmington	16.6	15.2	35.2	44.8	55.0	67.4	69.4	62.4	60.2	46.7	28.7	22.4	43.7	100	—31	June 6†	.....
Fort Kent	3.8	9.9	31.4	38.0	53.8	62.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gardiner	16.5	16.0	35.0	44.3	54.3	66.5	72.1	65.5	60.2	49.8	33.0	24.0	44.8	99	—23	May 14	Oct. 15
Houlton	7.2	9.4	28.8	40.2	54.9	63.6	69.1	61.3	56.9	45.0	28.3	18.4	40.3	94	—38	May 14†	Sept. 3†
Indian Stream	11.2	8.6	29.4	.....	.....	.....	.....	.....	.....	.....	.....	*18.8	.....	.....	.....	.....	.....
Kents Hill	14.3	13.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lewiston	16.8	16.0	34.3	44.1	54.0	67.0	72.0	65.4	61.3	49.5	31.8	22.4	44.6	100	—20	Apr. 30†	Sept. 26
Madison (a)	16.0	15.8	34.2	44.0	54.8	66.6	74.4	65.4	61.0	48.2	31.6	22.5	44.5	100	—34	Apr. 30†	.....
Mattawamkeag	8.2	7.9	30.1	42.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mayfield	.....	.....	.....	41.0	52.6	63.7	67.7	61.2	57.5	44.8	27.3	.....	.....	.....	.....	May 15†	Oct. 8
North Bridgeton	17.9	15.4	33.8	42.8	54.4	66.1	70.4	63.3	60.4	50.0	.....	.....	.....	.....	.....	Apr. 30	Sept. 27
Orono	12.4	16.0	32.5	41.9	52.3	62.1	67.2	61.1	59.2	46.4	29.8	21.4	41.9	94	—32	May 11†	Sept. 26
Petit Menan (a)	27.2	21.3	33.3	38.3	49.9	59.0	59.8	58.8	56.1	49.2	35.9	27.2	43.1	75	—12	May 8	.....
*Portland	22.2	20.2	36.7	43.2	52.1	63.2	69.8	64.6	60.3	50.6	34.7	27.0	45.4	97	—15	Apr. 16†	Nov. 6
West Jonesport (a)	19.1	19.2	35.2	38.4	48.3	52.6	59.4	58.6	56.4	48.0	33.4	26.7	41.3	80	—16	.....	.....
Maryland.																	
Annapolis	.....	.....	.....	.....	.....	.....	.....	72.6	70.2	.....	43.8	.....	.....	.....	.....	.....	.....
Bachmans Valley (a)	30.2	27.8	42.4	48.8	62.4	71.2	73.9	69.7	66.8	52.8	38.1	30.7	51.2	100	0	May 29	Oct. 12
Bel Alton	.....	.....	.....	.....	.....	.....	.....	74.4	73.3	.....	*45.2	40.1	.....	.....	.....	.....	.....

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
***Maryland*—Continued.**																	
*Baltimore	37.5	34.4	48.2	52.4	65.3	73.0	77.6	73.2	70.6	57.4	43.4	37.7	55.9	98	7	Apr. 11†	Nov. 12
Benedict	39.2	38.6	49.5	54.2	67.8	75.6	[c]79.7	74.8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boettcherville (*a*)	34.4	30.1	45.3	51.5	63.5	70.9	73.1	69.8	67.9	54.2	39.8	34.0	52.9	100	0	Apr. 11†	Oct. 12
Cambridge	40.2	37.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte Hall	38.6	36.0	48.7	52.2	.....	73.6	77.6	74.2	72.2	58.0	44.0	37.6	.....	.....	.....	Apr. 9	Oct. 15
Cherryfields (*b*)	39.4	37.4	47.2	51.8	66.0	72.8	76.6	72.0	72.6	59.0	44.8	38.3	56.5	.....	.....	.....	Nov. 12
Chestertown	37.0	33.2	.....	.....	63.8	71.4	76.4	71.8	69.8	56.9	.....	36.4	.....	.....	.....	.....	.....
College Park	36.0	35.0	[c]46.9	51.9	[b]63.8	71.6	75.8	72.2	69.8	55.4	42.4	[c]38.6	55.0	100	13	Apr. 16†	Oct. 12
Cumberland[1]	35.0	31.2	44.9	51.0	63.2	72.2	75.2	70.8	68.8	55.0	38.6	33.0	53.2	98	2	Apr. 11†	Nov. 10
Cumberland[2]	39.8	35.9	.....	54.8	66.0	73.2	77.0	73.6	71.2	.....	42.0	38.4	.....	.....	.....	.....	.....
Darlington	35.6	.....	46.7	50.2	62.8	70.5	78.0	70.6	68.2	56.0	41.4	34.8	.....	.....	.....	Apr. 12†	Oct. 12
Deer Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.8	33.4	29.8	.....	.....	.....	.....	.....
Denton	.....	33.0	48.2	.....	.....	72.7	77.7	73.0	72.3	58.2	45.7	37.6	.....	.....	.....	.....	Nov. 6
Easton	39.0	37.0	51.2	55.1	67.5	72.2	77.3	72.6	71.6	60.0	45.4	40.9	57.5	96	12	Apr. 3†	Nov. 12
Fallston (*a*)	35.5	32.0	45.4	50.2	62.6	71.0	74.4	70.3	68.2	54.6	40.4	35.1	53.3	95	6	.....	Oct. 15
Fenby (*a*)	34.4	30.4	45.6	50.0	62.9	70.9	75.7	71.2	68.8	.....	.....	.....	.....	.....	.....	Mar. 27	.....
Frederick[3]	.....	.....	.....	52.8	65.2	[c]71.6	76.9	72.8	70.4	56.4	42.2	36.0	.....	.....	.....	.....	Nov. 12
Frederick[4]	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.2	43.0	36.2	.....	.....	.....	Apr. 9†	.....
Grantsville	.....	.....	.....	.....	.....	.....	.....	66.4	64.6	51.4	37.0	33.0	.....	.....	.....	.....	.....
Great Falls (*e*)	35.9	34.6	47.4	53.0	66.1	73.4	77.6	73.4	70.8	57.0	43.0	35.6	55.6	95	5	.....	Nov. 12
Jewell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.1	38.8	.....	.....	.....	.....	.....
Johns Hopkins Hospital	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42.6	36.3	.....	.....	.....	.....	.....
La Plata	.....	.....	.....	.....	.....	.....	82.6	74.9	71.8	56.6	42.6	36.2	.....	.....	.....	.....	Oct. 14
McDonogh	[1]38.4	33.6	48.2	50.4	64.0	73.4	75.8	72.4	[1]72.2	58.3	43.3	.....	.....	.....	.....	.....	.....
Mardela Springs	38.5	36.6	47.6	50.9	65.0	72.5	76.4	71.4	71.5	57.8	43.1	38.6	55.8	96	12	Apr. 9	Oct. 15
Mount St. Marys (*a*)	33.0	29.4	43.9	51.3	64.8	.....	80.4	74.4	63.3	55.7	41.6	34.4	.....	.....	.....	Apr. 11	Oct. 15
New Market (*a*)	34.8	31.4	43.5	46.5	63.0	.....	74.3	70.7	.....	.....	.....	.....	.....	.....	.....	Apr. 9	.....
Oakland	32.4	27.8	40.8	43.9	55.0	64.0	66.0	63.8	61.2	48.4	34.9	30.6	47.4	87	—10	May 28	Sept. 26
Pokomoke City	.....	.....	51.2	55.2	67.9	74.4	78.3	73.2	72.1	61.3	48.2	41.9	.....	.....	.....	Apr. 9	Oct. 17
Popes Creek	.....	.....	.....	.....	.....	.....	77.8	74.5	71.6	59.4	44.0	.....	.....	.....	.....	.....	Nov. 3
Princess Anne	.....	.....	.....	.....	.....	.....	78.0	72.1	71.6	57.6	43.7	39.0	.....	.....	.....	.....	Sept. 19
Sharpsburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.2	35.0	.....	.....	.....	.....	.....
Solomons	40.8	37.7	48.8	53.0	67.7	74.9	79.4	75.8	73.8	60.9	46.8	40.6	58.4	98	11	Apr. 3†	Nov. 12
Sunnyside	31.4	27.6	39.4	43.5	57.2	64.2	66.4	64.8	62.2	48.5	33.6	30.3	47.4	92	—10	May 29	Oct. 7
Upper Marlboro	37.8	35.1	48.2	52.7	66.2	73.2	.....	73.0	70.7	.....	43.7	35.4	.....	.....	.....	.....	.....
Western Port	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39.2	32.6	.....	.....	.....	.....	.....
Woodstock	35.9	32.4	45.8	51.2	63.8	.....	.....	69.4	68.6	52.7	41.0	34.5	.....	.....	.....	Apr. 15†	Oct. 16
Massachusetts.																	
Adams	27.4	24.4	39.6	47.5	56.7	66.4	70.0	65.2	63.4	51.1	35.8	28.6	48.0	96	0	May 30	Sept. 26
Amherst[5]	26.6	22.6	39.9	46.8	56.6	67.2	71.4	66.6	63.5	50.3	34.5	27.0	47.7	94	—25	May 15†	Sept. 26†
Amherst Exp. Station[6]	25.4	19.8	39.0	45.6	56.4	67.5	71.9	66.9	63.7	50.3	33.8	25.2	47.1	98	—18	May 15	Sept. 26†
Amherst Exp. Station[7]	26.4	21.6	39.6	46.7	57.3	67.8	72.9	68.0	65.5	51.5	34.8	26.9	48.2	98	—17	May 22	Sept. 26
Andover	27.2	24.5	39.7	46.8	56.9	67.3	71.4	[1]66.4	64.5	53.3	37.9	29.8	48.8	96	—13	Apr. —†	Sept. 27†
Bedford	27.8	23.5	40.8	46.0	56.8	67.1	72.0	66.3	63.1	50.9	34.3	27.8	48.0	96	—13	Apr. 30	Sept. 26
Beverly Farms	27.3	24.1	38.9	43.7	53.9	64.3	69.5	63.8	61.4	50.9	36.2	29.6	47.0	98	—11	Apr. 12†	Nov. 6†
Blue Hill (summit)	27.6	23.3	39.6	44.6	56.4	66.4	72.4	65.9	63.9	51.7	34.8	29.7	48.0	97	—11	.....	.....
Blue Hill (valley)	27.5	23.6	40.4	45.2	56.2	66.9	72.2	65.6	62.8	50.3	35.1	28.5	47.9	96	—16	May 15	.....
*Boston	30.1	26.6	42.5	47.0	57.6	68.8	73.7	68.0	64.8	54.0	38.2	32.2	50.3	97	— 7	May 11	Oct. 16
Brockton	28.7	25.2	41.4	46.9	57.8	67.4	73.9	67.0	64.9	52.4	37.5	31.6	49.6	98	— 7	Apr. —†	Oct. 16†
Cambridge[8]	28.2	25.4	42.0	47.5	58.4	68.6	74.7	68.0	65.0	53.0	36.7	29.7	49.8	100	— 8	Apr. 12†	Nov. 6†
Cambridge[9]	27.6	24.9	41.4	46.0	57.4	68.8	74.1	67.8	62.2	51.8	36.1	29.2	48.9	95	— 7	Apr. 12†	Nov. 6†
Chestnut Hill	28.6	25.9	41.8	47.4	59.2	69.7	75.8	69.1	65.2	52.6	36.6	30.4	50.2	106	—10	Apr. 18†	Oct. 16†
Concord	26.3	21.8	40.5	45.6	56.4	67.1	72.4	66.8	63.0	51.1	34.2	27.0	47.7	98	—20	May —†	Oct. 19†
Dudley	27.2	22.2	39.6	45.2	57.6	67.5	73.0	68.9	65.4	50.6	32.8	25.3	47.9	96	—13	Apr. 30†	Nov. 15†
East Templeton (*a*)	25.0	20.4	37.3	44.2	55.8	66.7	71.8	66.2	62.3	48.7	31.4	25.2	46.2	95	—14	June 8	Sept. 26
Egg Rock, Nahant	28.2	27.4	38.5	42.4	53.8	64.3	69.7	65.2	61.8	56.8	37.6	30.8	48.0	91	— 8	Apr. 14†	Nov. 6†
Fall River (*a*)	31.1	27.7	41.0	44.3	56.4	65.1	71.6	66.7	64.4	54.0	38.9	33.1	49.5	92	— 5	Apr. 14†	Nov. 6
Fitchburg (*a*)[10]	26.1	22.2	38.8	45.6	56.2	67.4	72.3	66.9	62.1	49.4	32.4	26.6	47.2	95	—13	Apr. 12†	Nov. 6†
Fitchburg[11]	26.2	21.4	39.6	46.4	56.5	67.5	72.4	67.6	63.2	50.3	33.0	27.3	47.6	96	—12	Apr. 3	Nov. 5†
Framingham	27.6	24.2	[1]40.6	45.8	[1]57.6	69.0	74.2	67.2	63.8	51.3	35.2	27.6	48.7	98	—14	May 11†	Sept. 26†
Gilbertville	25.9	22.0	38.4	44.8	56.7	[b]69.4	.....	.....	.....	.....	32.3	[c]26.8	.....	.....	.....	May 16†	.....
Great Barrington	25.8	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton	25.3	21.2	38.6	45.2	55.4	66.2	70.9	65.9	62.0	50.1	32.6	25.8	46.6	95	—17	May 22†	Sept. 26
Hadley	.....	.....	.....	.....	.....	.....	72.0	68.0	63.6	49.8	32.7	24.8	.....	.....	.....	.....	Oct. 8†
Hyannis	33.8	29.2	42.3	46.3	58.5	68.7	75.2	70.2	67.2	56.3	42.9	36.2	52.2	96	— 2	Apr. 3	Nov. 6
Kendall Green	27.4	23.6	41.2	45.8	57.4	69.6	74.6	67.6	64.6	.....	.....	.....	.....	.....	.....	Apr. 16†	.....
Lake Cochituate	27.5	23.3	40.2	45.8	57.4	66.8	72.0	65.7	62.8	50.2	33.1	26.8	47.6	99	—23	May 17†	Sept. 30†
Lawrence	25.8	22.2	40.3	46.7	58.6	68.9	73.9	69.0	65.0	51.9	34.9	27.0	48.7	97	—12	Apr. 30	Nov. 6†
Leeds	23.8	20.1	38.1	46.0	58.1	65.6	69.1	65.4	63.1	47.6	33.4	26.1	46.4	96	—24	May 30	Sept. 26
Leicester	28.8	21.7	37.8	44.2	55.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. —†	.....
Lominster (*f*)	25.0	23.8	37.6	44.6	55.9	65.4	74.2	68.5	64.6	51.5	34.1	27.9	47.8	95	—12	Apr. —†	Nov. 6
Long Plain (*f*)	26.8	25.1	35.7	42.2	54.3	64.6	70.5	65.6	65.6	53.3	37.2	30.5	47.6	93	—15	Apr. —†	Oct. 19†
Lowell[12]	25.4	22.6	40.0	46.2	57.4	68.0	73.5	68.7	64.5	51.7	34.9	27.1	48.3	96	—18	Apr. 16†	Nov. 6†
Lowell[12]	[1]25.5	22.5	40.4	46.0	56.5	67.0	72.5	66.9	63.2	50.5	34.6	27.3	47.7	100	—17	May 22†	Oct. 8†
Lowell[13]	28.0	26.8	42.8	47.6	59.0	.....	74.8	69.1	66.0	53.6	36.2	29.6	.....	.....	.....	Apr. 16†	Nov.—†
Ludlow Center	24.5	20.3	36.6	43.4	54.8	64.2	69.4	65.1	61.8	48.5	30.3	24.5	45.3	97	—16	June 8	Oct. 19
Lynn[14]	28.8	27.8	42.3	45.7	57.4	67.4	71.2	65.8	62.3	50.5	35.2	28.8	48.6	93	— 7	Apr. —†	Nov.—†
Lynn[15]	28.0	25.0	41.2	46.4	57.6	68.6	72.2	67.4	64.4	52.0	37.4	30.5	49.2	98	— 7	Apr. —†	Nov.—†
Mansfield (*a*)	27.9	24.5	39.4	44.6	56.0	66.8	71.6	64.3	62.1	49.6	34.2	28.2	47.4	99	—19	May 11	Oct. 15
Middleboro	28.5	25.7	39.2	44.8	56.1	65.8	71.5	65.4	63.4	51.9	36.2	29.6	48.2	94	—12	Apr. 3	Oct. 19
Milton	29.8	26.8	41.2	46.0	55.4	65.6	71.8	65.3	61.6	51.5	37.4	31.2	48.6	95	— 7	Apr. 16†	Nov. 6†
Monroe	22.7	16.9	35.0	41.6	52.9	63.9	67.3	61.4	58.5	45.6	29.8	23.4	43.2	89	—25	May 30	Sept 26
Monson	26.2	22.9	40.7	47.6	58.4	68.3	72.9	67.4	63.9	51.6	34.8	27.6	48.5	96	—18	June 8	Oct. 27

[1] E. T. Shriver.
[2] Howard Shriver.
[3] McClintock Young.
[4] Woman's College.
[5] Miss S. C. Snell.
[6] Agricultural Experiment Station.
[7] Hatch Experiment Station.
[8] Harvard Observatory.
[9] E. C. Brooks.
[10] Dr. J. Fisher.
[11] Dr. A. P. Mason.
[12] Prop. locks and canals.
[13] T. E. Saunders.
[14] J. C. Haskell.
[15] J. W. Darcy.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Massachusetts—Cont'd.																	
*Nantucket	33.2	29.6	39.3	42.3	52.6	61.3	68.7	66.4	65.0	54.9	41.6	36.2	49.3	85	2	Apr. 11†	Nov. 7
Natick (*a*)							72.8	67.2	64.0	51.9	34.9	26.8					
New Bedford[1]	30.1	25.8	41.2	45.0	56.4	65.4	71.5	66.5	64.6	53.8	38.6	32.0	49.2	90	— 5	Apr. 18†	Nov. 6†
New Bedford[2]	31.1	26.2	41.1	44.5	55.8	66.0	72.2	66.0	64.4	53.5	39.4	32.9	49.4	93	— 9	Apr. 18†	Nov. 6†
North Billerica	27.8	23.4	41.4	46.6	57.6	69.2	74.3	67.6	64.4	52.6	36.8	30.8	49.4	103	— 9	May 16	Nov. 6†
Pittsfield			36.8	44.3	55.8	64.1	67.4	64.3	61.6	49.2	33.2	25.0				Apr. 18†	Sept. 26
Plymouth (*a*)	33.2	[c]28.8	42.4	47.4	58.2	69.4	72.9	67.8	63.2	54.7	40.5	34.2	51.5	94	— 3	Apr. —†	Nov. 6†
Provincetown	32.2	27.9	39.6	43.8	55.6	65.9	72.7	67.8	65.7	53.7	40.4	34.6	50.0	94	— 1	Apr. 9†	Nov. 7†
Roxbury	30.1	26.2	42.2	46.9	57.5	67.8		67.2	[b]64.2	53.4	37.7	32.1				Apr. 12†	Nov. 7
Royalston (*a*)	24.5	20.2	37.0	44.9	56.4	67.0										June 5	Sept. 25
Somerset (*a*)	31.0	27.9	42.5	47.9	60.9	70.4	76.6	72.4	69.6	55.6	39.6	33.0	52.3	100	—10	Apr. 17	Nov. 7
South Dennis	31.7	28.3	39.6	43.5	54.7	66.0	72.9	67.5	[i]66.8							May 11	
Springfield Armory	27.3	23.4	42.4	48.4	60.0	70.4	75.0	70.0	66.0	52.8	36.2	28.9	50.2	97	—12	Apr. —†	Nov.—†
Taunton[3]	29.9	25.9	42.5	46.4	57.8	65.6	74.0	67.4	64.9	53.0	37.0	31.5	49.6	97	— 8	Apr. 16†	Nov. 2†
Taunton[4]	29.9	25.5	40.6	45.7	57.0	67.1	72.8	66.4	64.2	52.2	36.6	31.0	49.0	96	—15	May 15	Oct. 7†
Taunton[5]	27.6	24.4	40.4	45.4	58.0	67.7	74.2	67.6	64.6	52.8	37.0	30.8	49.2	98	—13	June 14	Oct. 7
Turners Falls	26.6	21.8	39.6	46.8	57.6	68.7	72.3	67.6	64.2	51.4	35.0	25.8	48.1	94	—17	Apr. 16†	Nov. 6†
*Vineyard Haven	35.6	31.4	43.0	46.2	57.2	66.8	73.6	69.0	67.0	56.6	43.8	38.4	52.4	91	3	(‡)	
Wakefield	26.6	23.5	41.1	48.6	57.5	68.9	75.4	66.9	63.9	51.3	35.6	28.5	49.0	95	—12	Apr. 18†	Nov. 7†
Wellesley	27.5	24.2	41.0	[d]45.4	59.4		75.6	66.6			35.4	[e]27.4				May —†	
Westboro	28.3	24.2	41.5	47.4	59.3	69.5	73.3	67.3	62.0	52.0	35.5	29.5	49.2	95	—15	Apr. 30	Oct. 16
Williamstown	26.1	22.5	37.2	46.5	57.0	66.2	69.2	62.2	61.0	50.0	33.2	27.1	46.5	90	—16	Apr. —†	Sept.26†
Winthrop	28.0	24.7	41.1	45.7	56.4	67.6	72.4	67.3	64.2	52.7	36.8	30.5	49.0	95	— 8	Apr. 12†	Sept. 26
*Woods Hole	32.8	28.8	39.5	43.2	54.4	62.3	69.6	67.2	65.5	55.6	41.4	34.6	49.6	83	— 1	Apr. 15†	Nov. 7
Worcester[6]	[d]27.0	22.6	39.8	46.0	56.7	67.0	73.2	66.6	63.3	51.2	[d]35.8	[f]31.8	48.4	95	—11	Apr. —†	Nov.—†
Worcester[7]	27.2	21.2	40.9	46.3	57.4	67.5	72.6	67.0	63.5	51.9						Apr. 12†	Oct. 12
Worcester (*a*)[8]								65.4	62.5	49.6	34.3	26.6					
Michigan.																	
Adrian	29.6	23.4	41.3	48.2	57.3	71.0	72.6	68.0	65.4	50.2	34.0	32.0	49.4	100	— 9	Apr. 25†	Sept. 25
Albion	30.2	23.6	39.8	49.1	57.2					51.6	34.0	31.2					
Allegan	29.7	23.4	41.5	48.8	56.8	70.4	73.4	69.5	66.2	51.4	35.4	32.7	49.9	101	— 6	Apr. 24†	Oct. 1
Alma	25.7	19.3	38.0	46.0	56.2	69.4	[f]70.0	[d]65.5	63.2	48.7	31.7	30.5	47.0	96	—18	May 29†	Sept. 25
*Alpena	23.4	19.0	34.4	41.0	48.5	64.4	67.2	62.4	59.8	47.5	30.6	28.8	43.9	98	—14	May 9	Sept. 12
Ann Arbor	28.6	21.6	38.4	46.2	55.0	69.6	72.7	68.5	64.1	50.1	33.6	31.2	48.3	97	— 9	May 28	Sept. 25
Arbela (*b*)	24.0	16.0	36.0	42.8	51.2	67.8	69.8	63.2	60.5	47.8	28.6	29.2	44.7	95	—13	June 6	Sept. 18
Ball Mountain	26.5	20.4	38.2	46.2	52.9	67.8	70.9	67.5	63.3	48.9	32.6	30.2	47.1	96	—14	May 27	Oct. 1
Bear Lake	24.7	19.5	35.1	45.0	52.0	66.6						29.6				Apr. 25	
Bellaire	23.1		36.0	44.4	52.0	67.2				48.0						May 29	
Benton Harbor	31.3	25.7	42.6	48.2	56.8	70.0	71.4	68.0	65.7							Apr. 25	
Benzonia	23.9	[c]18.4										[e]29.1					
Berlin (*a*)	26.6	20.7	37.7	44.2	53.9	69.1	72.2	68.2	64.0	50.9	31.8	28.8	47.3	102	—14	Apr. 9	Oct. 14
Berrien Springs (*a*)	31.7	25.8	44.4	50.9	58.6	73.4	74.5	70.9	66.3	53.5	36.6	34.0	51.7	100	—10	May 28	
Birmingham	28.5	22.0	39.4	47.4	57.2	72.2	73.9	68.4	65.2	50.6	33.6	30.6	49.1	98	—10	Apr. 9†	Oct. 13
Bois Blanc (*h*)				41.2	47.8	63.8	69.5	66.4	61.2	48.2							
Boon	22.4	17.4	34.4	43.6	51.6	[c]66.8	67.6	63.8	[c]59.2	[d]45.5	27.4	26.6	43.9	99	—27	May 29	Sept. 19
Bronson	27.0	22.2	40.2	49.1	58.2	71.3	72.0	68.5	[c]65.0	50.2	33.7	31.0	49.0	102	—13	Apr. 13†	Sept. 25
Brown City	26.2	21.4	39.0	45.9	54.6						29.1	31.4				May 29	
Calumet	15.8	13.3	27.2	39.0	45.0	64.6	66.2	60.8	59.2	45.4	25.5	25.6	40.6	92	—16	May 27	Oct. 9
Charlevoix	24.3	18.1	36.6	45.6	51.1	[d]67.3	69.0	64.8	62.3	51.4	33.1	31.0	46.2	99	—14	Apr. 25†	Oct. 14
Cheboygan	19.2	14.2	32.4	42.4	48.6	64.1	67.0	61.6	59.6	47.3	29.8	27.8	42.8	99	—22	May 29†	
Climax (*b*)	28.6			48.0	57.4							[e]29.6					
Clinton	28.3	23.2	40.8	48.0	56.7	70.7	74.0	69.2	65.5	50.2	33.6	31.9	49.3	100	—10	Apr. 25†	
Crisps (*h*)				41.2	47.3	62.3	65.2	59.2	59.1	47.3	30.1						
Crystal Falls	12.6	15.2	29.8	43.0	49.0											May 30†	
*Detroit	29.9	23.6	40.4	47.6	56.2	70.6	73.9	69.4	66.2	51.8	35.0	32.4	49.8	96	—11	May 28	Sept. 25
*Escanaba§	17.3	14.6	31.4	41.4	48.3	64.2										May 29	
Evart			36.2	45.6												Apr. 27†	
Fairview	26.2	22.2	39.5	46.8	55.8	70.5	72.8	67.0	64.6	50.3		32.2				Apr. 14†	Oct. 14
Fitchburg	27.6	20.7	39.2	46.3	56.3	69.6	71.6	66.6	62.8	50.2	32.6	29.5	47.6	102	—18	May 28†	
Flint	26.1	20.1	38.4	45.2	55.4	68.4	70.4	65.4	62.6	49.4	31.6	29.8	46.9	101	—16	May 29†	
Frankfort (*h*)		26.5	39.0	46.4	53.6	65.2	68.8	66.9	65.7	53.2	37.5	36.1					
Gaylord	21.0																
Gladwin					53.9	69.0	69.1	64.4	59.3	48.0	31.5	28.6				June 5†	
Grande Pt. Au Sable (*h*)	26.0	23.0	34.3	41.7	47.7	59.7	65.8	62.8	59.1								
*Grand Haven	29.2	23.2	38.4	46.2	52.6	66.8	69.6	66.2	63.5	51.2	35.0	33.2	47.9	92	— 5	May 28	Oct. 15
Grand Rapids	30.2	24.4	41.0	50.2	58.3	71.4	73.8	69.2	64.7	51.0	35.9	32.4	50.2	101	— 6	May 28	Oct. 14
Grape	31.6	24.6	41.8	48.0	56.6	70.3	73.3	69.0	64.9	51.2	35.4	33.0	50.0	96	— 8	Apr. 12	Oct. 14
Grayling	19.5	15.8	31.9	43.2	52.0	68.8	70.6	62.0	59.3	48.8	29.4	25.1	44.0	100	—31	May 27	
Grindstone City (*h*)				42.2	49.6	63.5	67.1	61.9	62.2	49.6	33.9	30.9					
Hammonds Bay (*h*)	22.6	19.7	33.5	41.0	47.4	62.3	69.0		60.8	47.2							
Hanover	30.8	25.0	41.1	47.8	57.3	69.9	72.2	68.2	65.2	51.5	36.9	34.8	50.1	95	— 9	May 28	Sept. 26
Harbor Springs	23.6	16.7	34.4	44.3	49.0	63.5	67.4	63.3	60.8	48.4	31.2	29.8	44.4	97	—26	June 6†	Sept. 18
Harrison	23.4	19.7	36.4	46.0	53.1	68.6	67.2	58.3	56.1		28.0	27.6		97	—22	May 27	
Harrisville	23.2	18.6	34.2	40.4	48.5	63.2	67.9	64.2	60.6	48.0	30.2	27.9	43.9	96	—15	May 29†	
Hart	34.2	28.6	42.2	45.1	53.2	64.1	66.9	62.3	58.0	50.7	29.8	27.8	46.9	92	— 5	May 29†	Oct. 15
Hastings		22.4	39.6	48.2	56.0	70.8	72.9	67.2	62.8					95			
Hayes	27.1	21.3	40.0	44.5	54.1	67.4	[c]68.5	63.4	62.2	54.2		32.2				June 6†	
Hesperia								64.8	59.6	45.6	28.6	28.0					
Highland Station			39.4	[d]47.4	52.9							30.6				Apr. 25†	
Holland (*i*)			40.7	47.0	55.2	68.3	71.4	68.3	66.6	54.2	37.3	34.8					
Howell	26.4	21.5	39.7	47.0	55.7	69.4	71.6	66.8	66.6	49.8	32.2	30.2	48.1	101	—17	May 28†	Sept. 25
Jeddo	26.2	21.0	38.0	44.8	52.5	67.0	70.4	67.0	64.3	50.2	32.2	30.6	47.0	98	—11	June 6	Oct. 14
Kalamazoo	28.8	23.4	41.3	49.0	56.5	70.8	74.0	70.0	64.9	51.8	34.5	32.6	49.8	98	— 6	Apr. 12†	Oct. 14
Lansing	27.2	21.1	39.2	46.8	55.5	70.2	72.4	67.2	63.2	49.4	32.4	30.6	47.9	99	— 9	May 18†	Sept. 25

[1] T. R. Rodman.
[2] New Bedford waterworks.
[3] A. F. Sprague.
[4] Taunton waterworks.
[5] C. H. Wilmarth.
[6] Worcester Academy.
[7] G. W. Swan.
[8] J. B. Hall.
† None reported.
§ Station closed June 30, 1894.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Michigan—Continued.																	
Lathrop (*a*)	15.2	11.7	30.0	[c]42.0	47.5	66.3	68.5	60.8	[d]57.4	[f]47.6	.....	24.6	.....	98	—28	May 29	Sept. 12
Lewiston	21.8	18.4	35.4	46.0	50.1	69.1	70.6	66.0	62.2	47.6	28.4	26.6	45.2	102	—19	May 27	Sept. 24
Lodi	22.2	18.4	35.3	45.2	51.8	68.2	69.8	65.8	61.3	47.4	30.4	28.3	45.3	100	—23	June 6	Oct. 14
Ludington (*i*)	.....	25.6	38.0	42.8	51.1	65.5	70.8	65.2	62.6	46.6	33.3	33.0	.....	.....	.....	.....	.....
Madison	29.0	23.1	40.4	47.8	57.0	71.0	73.6	69.2	64.7	50.1	34.0	31.4	49.3	97	— 8	Apr. 26	Sept. 26
Manistee (*h*)	.....	19.1	34.3	45.8	50.0	63.4	69.6	64.4	62.8	49.6	33.7	29.5	.....	.....	.....	.....	.....
*Marquette	18.9	16.4	30.7	41.0	46.6	63.4	66.6	61.2	61.7	47.5	27.6	27.5	42.4	100	—17	May 28	Sept. 18
Mayville	25.2	[c]20.5	38.4	45.2	54.9	70.2	72.6	68.6	64.2	50.7	32.0	30.8	47.8	100	—13	Apr. 12†	Oct. 14
Middle Island (*h*)	.....	.....	.....	.....	45.7	60.2	66.1	62.6	60.0	49.0	33.4	31.4	.....	.....	.....	.....	.....
Mio	21.4	18.0	.....	44.5	[c]45.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 18†	.....
Montague	.....	.....	.....	.....	.....	69.4	.....	66.7	63.1	.....	.....	.....	.....	.....	.....	.....	.....
Mottville	29.0	22.4	41.8	49.7	57.2	70.8	72.6	69.0	66.2	52.0	35.2	33.1	50.0	.....	.....	May 28	Oct. 10
Muskallonge Lake (*h*)	.....	.....	.....	40.3	45.4	59.3	63.6	58.4	59.0	46.8	29.5	.....	.....	.....	.....	.....	.....
Muskegon (*h*)	.....	.....	.....	46.2	54.2	66.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N. Manitou Island (*h*)	.....	21.9	35.1	43.4	48.2	63.3	69.3	65.6	62.1	50.3	32.3	31.6	.....	.....	.....	.....	.....
North Marshall	26.4	19.8	37.7	45.8	53.3	67.8	69.8	66.0	62.4	48.2	31.4	28.3	46.4	96	—12	May 27†	.....
Northport	.....	.....	36.6	44.2	49.0	65.1	.....	[c]68.1	.....	49.4	33.2	33.0	.....	.....	.....	Apr. 24†	Oct. 14
Old Mission	.....	18.2	35.4	45.7	51.3	67.7	70.5	68.2	62.8	48.1	31.4	30.4	.....	100	.....	May 29†	Oct. 15
Olivet	27.8	21.3	44.2	.....	52.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 29†	.....
Ottawa Point (*i*)	.....	.....	35.0	41.1	50.7	65.2	69.7	64.5	62.1	49.8	33.9	31.2	.....	.....	.....	.....	.....
Ovid	27.0	21.0	39.0	45.9	54.8	70.4	73.7	67.3	63.4	49.6	32.6	30.6	47.9	100	—12	May 19†	Oct. 15
Paris	23.8	19.6	36.2	45.2	[c]52.7	66.4	[c]68.4	.....	.....	45.4	29.6	26.8	.....	.....	—21	June 4	.....
Pentwater (*h*)	.....	.....	.....	.....	55.0	65.5	70.6	68.3	67.5	54.4	37.7	.....	.....	.....	.....	.....	.....
Pointe Aux Barques (*h*)	.....	.....	.....	43.8	52.6	67.1	72.6	69.0	65.6	50.6	33.4	31.1	.....	.....	.....	.....	.....
Point Betsey (*i*)	.....	23.8	38.6	44.8	50.7	63.6	70.2	66.8	64.4	52.6	35.9	33.8	.....	.....	.....	.....	.....
Pontiac	.....	.....	.....	.....	.....	68.6	72.2	67.6	63.4	50.2	[d]33.1	.....	.....	.....	.....	.....	Oct. 2
*Port Huron	28.0	21.6	39.2	44.4	52.8	68.0	71.1	66.8	65.3	51.3	34.1	31.6	47.9	96	—10	June 6	Oct. 1
Rawsonville	30.4	23.8	41.3	48.6	57.6	.....	75.0	70.0	65.4	51.3	.....	31.2	.....	.....	.....	Apr. 11†	Sept. 25
Rockland	[d]16.5	18.0	31.2	[d]45.2	[h]49.6	67.9	69.6	[k]63.8	[d]60.9	48.1	.....	[c]25.0	.....	.....	.....	May 30†	.....
St. Ignace	19.0	14.2	31.5	41.2	47.6	62.6	66.3	62.0	58.1	46.2	29.8	28.2	42.2	93	—25	May 28†	Sept. 25
St. Johns	.....	22.4	40.9	47.7	56.2	70.7	73.2	68.2	65.0	51.0	33.6	32.4	.....	.....	.....	.....	Oct. 14
Sand Beach[1]	26.0	21.7	[c]39.1	43.0	50.7	66.2	70.6	[c]67.4	64.0	50.2	33.2	31.8	47.0	98	— 9	June 6†	Oct. 14
Sand Beach (*i*)[2]	.....	.....	.....	.....	.....	.....	.....	66.6	62.8	50.9	34.9	32.9	.....	.....	.....	.....	.....
*Sault Ste. Marie	15.2	11.8	28.2	41.6	47.7	61.7	64.5	59.8	57.2	45.4	27.5	25.1	40.5	94	—26	May 9	Sept. 25
Ship Canal (*h*)	.....	.....	.....	.....	47.3	66.5	68.7	62.9	64.2	48.6	28.4	.....	.....	.....	.....	.....	.....
Stanton	25.8	20.4	37.4	46.8	54.4	69.6	71.9	67.2	62.6	49.0	31.9	[c]30.0	47.3	100	—13	May 28†	Oct. 1
Sturgeon Point (*h*)	.....	.....	.....	42.4	50.5	62.9	69.2	.....	60.6	49.4	33.4	33.9	.....	.....	.....	.....	.....
Thornville	29.4	22.6	40.8	48.0	57.0	72.6	74.4	69.9	66.6	52.4	34.3	32.6	50.0	101	—13	May 29	Sept. 25
Thunder Bay Island (*h*)	.....	.....	32.8	40.1	49.7	63.6	68.6	.....	61.4	49.3	32.8	29.6	.....	.....	.....	.....	.....
Two-Heart River (*h*)	.....	.....	.....	39.2	45.6	59.8	63.0	57.9	58.3	46.3	29.0	.....	.....	.....	.....	.....	.....
Vandalia	29.0	22.8	41.6	49.9	58.0	71.2	72.8	70.2	66.2	53.3	36.4	34.2	50.5	98	—15	Apr. 12†	Oct. 14
Vermilion Point (*h*)	.....	.....	.....	36.4	41.7	56.8	60.3	53.3	53.1	41.5	24.6	.....	.....	.....	.....	.....	.....
Williamston (*a*)	30.6	25.8	43.4	49.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ypsilanti	28.5	22.3	39.8	45.6	54.5	68.2	70.2	67.2	63.4	49.6	33.6	30.6	47.8	98	—12	May 28†	Sept. 25
Minnesota.																	
Ada	1.4	13.0	32.0	44.8	58.0	69.4	71.4	[j]68.2	57.6	.....	19.8	17.8	.....	.....	.....	June 5	Sept. 4
Airlie	.....	12.4	36.0	48.2	59.0	70.4	73.6	70.8	61.8	.....	.....	.....	.....	.....	.....	May 28	Sept. 11
Albert Lea	.....	13.8	34.3	47.6	58.2	69.1	78.2	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 22	.....
Alexandria	1.8	9.1	26.0	43.6	56.0	72.2	73.8	68.8	59.4	40.6	.....	.....	.....	.....	.....	.....	Sept. 17
Barrett (*a*)	6.6	13.0	27.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Beardsley	6.8	14.8	32.4	45.7	58.2	71.0	74.2	71.6	62.2	47.2	27.0	24.9	44.7	105	—31	June 6	Sept. 11
Belle Plaine (*a*)	7.6	15.4	33.4	48.4	63.4	72.8	.....	74.9	66.4	44.4	27.8	20.3	.....	.....	.....	.....	.....
Bingham Lake	8.0	14.4	37.2	49.4	60.8	71.1	78.1	.....	.....	49.4	26.8	25.9	.....	.....	.....	.....	.....
Bird Island	6.7	13.9	33.7	47.0	57.8	68.8	72.8	69.9	61.6	47.0	26.1	24.5	44.2	102	—27	Apr. 22	Sept. 16
Blooming Prairie (*a*)	9.2	13.5	34.0	47.2	58.2	71.2	74.2	71.7	62.5	47.4	25.6	24.4	44.9	100	—30	May 19	Sept. 24
Bonniwells Mills	10.8	15.8	35.0	48.7	59.6	73.0	76.2	72.2	63.3	47.7	26.6	25.0	46.2	107	—27	May 19	Sept. 17
Caledonia	15.8	15.7	36.4	49.2	58.8	71.0	75.8	70.4	61.8	48.2	.....	[c]26.6	.....	.....	.....	May 19	Sept. 25
Cambridge	9.2	10.8	31.5	47.2	55.9	70.2	72.7	68.8	60.4	46.1	25.6	25.6	43.7	100	—38	Apr. 23	Sept. 11
Camden	8.7	14.8	34.0	47.1	59.6	70.8	74.6	70.2	60.4	47.8	28.0	26.4	45.2	103	—28	May 21	Sept. 24
Campbell	.....	12.7	30.1	46.2	57.3	69.6	[c]71.9	68.4	59.2	44.4	24.4	22.4	.....	105	.....	June 5	Sept. 11
Carver (*b*)	.....	.....	27.5	44.3	56.5	72.0	73.8	69.0	.....	.....	.....	.....	.....	.....	.....	May 19	Sept. 18
Clear Lake	7.0	10.2	31.5	45.8	57.6	69.5	73.6	69.4	60.1	44.9	23.8	24.2	43.1	99	—35	May 19	Sept. 17
Clearwater (*a*)	10.9	13.1	30.9	45.7	55.3	70.0	73.5	69.0	58.9	45.3	26.2	25.4	43.7	100	—29	Apr. 11	Sept. 17
Collegeville	13.0	17.1	34.6	48.4	58.8	72.8	75.0	71.2	63.5	48.6	27.1	25.9	46.3	100	—28	May 19	Sept. 24
Cromwell (*a*)	—0.7	9.0	25.2	41.2	52.0	68.2	70.4	.....	.....	.....	.....	.....	.....	.....	.....	May 8	.....
Crookston	—1.3	7.0	26.4	43.4	55.8	70.3	73.8	67.2	56.7	44.0	22.5	16.9	40.2	98	—31	May 8	Sept. 11
Dassel (*a*)	8.9	13.3	32.6	47.3	58.7	76.3	75.0	72.8	.....	.....	.....	.....	.....	.....	.....	May 28	.....
Dawson (*a*)	4.2	14.5	32.8	[c]47.3	56.0	.....	.....	.....	[c]66.3	.....	.....	22.6	.....	.....	.....	May 21	Sept. 11
*Duluth	12.6	14.6	29.4	37.8	48.2	62.7	68.0	64.9	59.8	46.9	26.2	26.2	41.5	94	—24	Apr. 23†	Oct. 1
Excel (*f*)	—2.4	9.9	22.6	41.6	52.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 3	.....
Farmington	8.8	12.5	34.3	47.2	57.6	71.8	74.6	71.5	62.2	47.4	26.2	25.4	45.0	102	—30	May 20	Sept. 11
Fergus Falls	4.2	11.6	29.1	44.5	56.7	70.3	73.0	69.8	60.7	45.2	24.6	22.4	42.7	100	—31	May 8	Sept. 11
Grand Meadow	10.2	13.2	33.7	47.3	56.0	70.2	75.3	71.0	61.8	47.1	25.8	24.3	44.7	104	—25	May 27	Sept. 17
Granite Falls	5.0	14.4	33.6	47.7	58.8	71.2	74.6	72.2	63.1	[k]48.7	26.0	24.4	45.0	104	—33	May 21	.....
Hutchinson	7.5	12.6	31.1	47.4	58.8	71.8	76.0	71.4	62.2	47.0	26.0	23.6	44.6	105	—28	.....	.....
Jadis	.....	.....	25.2	43.6	53.7	68.8	70.8	.....	.....	[l]42.8	[k]18.2	.....	.....	.....	.....	Apr. 19	Sept. 11
Lake Vermilion	.....	11.6	28.6	42.2	51.8	69.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 8	.....
Lake Winnebigoshish (*a*)	3.8	9.8	27.0	42.2	52.6	67.8	70.3	65.7	57.8	43.6	20.8	20.1	40.1	94	—36	.....	.....
Lawrence	.....	.....	.....	.....	.....	.....	.....	.....	.....	[k]47.4	25.4	23.1	.....	.....	.....	.....	.....
Leech Lake (*a*)	7.0	10.0	27.1	42.2	51.8	67.8	70.2	64.3	57.3	42.8	22.5	18.3	40.1	98	—40	.....	Sept. 11
Long Prairie	4.2	8.4	28.4	44.2	54.4	68.9	71.4	69.0	61.4	45.0	22.2	21.4	41.6	99	—38	May 19	Sept. 25
Luverne	.....	.....	35.5	48.0	58.6	70.3	73.2	71.0	62.2	48.6	28.6	25.5	.....	103	.....	May 19	Sept. 11
Maple Plain	9.1	13.3	34.0	47.8	57.4	72.0	75.0	71.4	63.0	48.0	26.4	25.6	45.2	102	—31	May 19	Sept. 11
Marfield	4.9	7.2	26.2	[c]41.6	47.2	65.5	66.5	62.8	54.8	42.0	20.4	17.2	38.0	94	—41	June 6	Sept. 11
Mazeppa (*a*)	11.8	14.6	32.2	46.7	54.9	68.3	73.0	70.2	61.6	46.4	29.2	25.1	44.5	105	—24	June 6	Sept. 18

[1] W. E. Nims.

[2] Life-saving station.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Minnesota—Continued.																	
Medford	9.2	13.5	35.8	47.8	58.2	69.0	72.6	70.1	.....	.....	.....	.....	.....	.....	.....	May 28	.....
Milan	3.3	13.0	32.2	46.7	58.8	72.8	76.0	72.2	62.1	46.8	25.4	23.0	44.4	106	—34	May 19	Sept. 17
*Minneapolis	12.4	15.7	36.4	49.4	58.9	73.1	76.9	72.3	64.2	49.9	28.4	28.2	47.2	100	—24	(‡)	Sept. 18
Minneapolis [1]	10.1	13.6	34.5	49.0	58.4	72.6	76.5	72.3	63.2	48.4	26.9	25.7	45.9	105	—28	Apr. 22	Sept. 24
Minneapolis (a) [2]	10.8	13.9	33.6	47.8	57.7	72.0	76.5	71.7	61.8	48.0	27.0	26.0	45.6	100	—27	May 19	.....
Minnesota City	15.7	17.5	37.1	50.0	59.2	69.0	72.4	70.0	62.6	48.9	29.6	28.6	46.7	103	—20	Apr. 10	Sept. 18
Montevideo	4.2	15.2	34.0	47.2	58.5	71.7	74.2	69.9	63.8	49.0	27.0	25.8	45.0	104	—31	May 28	Sept. 23
*Moorhead	—0.2	8.8	27.4	43.0	55.6	69.2	70.8	68.2	59.2	44.8	22.8	20.6	40.8	102	—34	May 19	Sept. 11
Morris	3.6	12.8	30.4	46.6	58.6	71.4	74.1	70.8	60.6	46.5	25.6	23.4	43.7	100	—31	Apr. 21	Sept. 17
New London	6.9	12.6	30.9	47.0	.....	.....	.....	.....	.....	.....	.....	21.0	.....	.....	.....	.....	.....
New Richland (a)	[1]11.9	16.3	32.4	48.0	57.6	72.8	74.8	71.2	63.0	48.0	27.9	.....	.....	.....	.....	.....	.....
New Ulm	10.7	17.4	36.8	50.2	62.6	77.8	79.8	75.0	64.6	51.0	31.0	28.4	48.8	106	—32	Apr. 22	Sept. 29
Park Rapids	3.4	8.2	26.9	43.2	53.6	*67.4	71.2	67.0	58.2	42.8	20.9	18.7	40.1	98	—41	May 19	Sept. 11
Perham	.....	10.0	27.0	43.1	54.7	66.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 19	.....
Pine River (a)	5.9	10.3	27.9	42.9	53.6	68.8	71.0	67.0	58.9	44.6	23.3	22.5	41.4	94	—40	May 20	Sept. 18
Pleasant Mounds (a)	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.6	27.5	25.6	.....	.....	.....	.....	.....
Pokegama Falls (a)	1.8	6.0	25.7	40.9	50.9	68.0	70.2	72.6	55.0	41.6	18.1	17.4	39.0	98	—47	June 4	Sept. 11
Red Lake	1.7	9.8	25.8	44.4	50.0	.....	71.2	66.2	58.2	43.2	21.4	20.0	.....	.....	.....	May 19	Sept. 17
Rochester	12.6	16.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rolling Green	9.8	14.6	35.9	48.0	58.4	70.1	74.2	70.7	61.4	48.2	28.1	26.2	45.5	99	—27	May 20	Sept. 24
Rush City	.....	12.0	30.7	45.7	[1]56.0	*70.2	71.6	67.0	.....	.....	.....	.....	.....	.....	.....	May 19	Sept. 11
St. Charles	13.0	16.0	35.4	48.4	58.4	70.4	73.4	70.8	62.4	48.0	27.2	27.9	45.9	104	—23	May 19	Sept. 18
St. Cloud	8.9	13.8	32.8	46.6	57.0	70.3	74.4	71.2	61.8	46.5	25.0	25.2	44.5	96	—40	Apr. 11	Sept. 24
St. Olaf	[4]5.9	.....	29.5	44.7	56.6	70.0	72.4	70.0	61.3	45.0	[4]25.9	[4]22.2	.....	.....	.....	Apr. 22	Sept. 24
*St. Paul	10.2	14.2	34.6	48.7	58.2	72.2	75.8	72.2	63.8	49.0	27.5	27.0	46.1	100	—25	Apr. 11	Oct. 9
St. Peter	11.0	16.8	37.0	49.0	58.6	73.4	74.8	71.2	63.0	48.5	27.6	27.1	46.5	101	—28	May 20	Sept. 11
*St. Vincent	—4.7	4.5	21.7	41.5	52.8	68.3	68.6	65.6	56.3	42.4	19.5	16.2	37.7	100	—38	June 5	Sept. 17
Sandy Lake Dam (a)	6.3	8.6	27.3	41.4	52.6	68.1	69.8	64.8	57.0	42.9	22.3	21.4	40.2	101	—28	May 21	Sept. 17
Sauk Center	5.3	9.4	28.5	43.8	55.2	69.8	71.2	67.2	59.8	41.8	22.5	20.7	41.3	99	—45	May 28	Sept. 17
Starbuck	3.5	11.6	[1]33.5	43.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sunrise City (f)	.....	12.5	30.1	47.0	56.4	72.5	74.8	68.5	60.2	45.2	25.1	24.3	.....	102	.....	May 20	Sept. 11
Two Harbors	.....	.....	29.4	41.2	48.6	61.8	65.8	63.4	58.2	47.6	27.4	27.4	.....	.....	.....	Apr. 22	Sept. 24
Wabasha (a)	14.0	17.9	35.8	50.2	59.5	70.7	76.2	72.2	63.4	48.9	28.7	27.8	47.1	108	—20	.....	Sept. 18
Willmar	5.0	12.2	31.4	46.6	57.0	70.2	73.3	69.8	59.9	45.7	25.3	22.4	43.2	99	—29	May 8	Sept. 10
Winona	15.0	19.0	37.2	50.2	60.2	70.4	79.0	74.6	65.2	50.6	29.4	29.2	48.3	103	—17	Apr. 10	Oct. 9
Worthington	7.8	13.8	34.8	46.8	59.0	.....	.....	.....	61.2	48.2	27.3	25.4	.....	.....	—28	Apr. 22	Sept. 24
Mississippi.																	
*Aberdeen	.....	.....	.....	.....	72.5	78.3	80.0	79.4	75.1	62.2	48.8	.....	.....	103	.....	.....	Oct. 15
Agricultural College	48.2	45.6	57.2	65.4	71.8	78.4	78.3	77.6	74.9	65.0	51.4	47.8	63.5	98	8	Mar. 29	Nov. 9
*Batesville	46.6	41.8	57.0	62.5	70.5	76.9	77.2	76.9	73.2	61.0	50.0	44.2	61.5	100	5	Mar. 27	Oct. 31
Bay St. Louis	.....	.....	.....	69.6	74.0	77.7	78.5	78.9	78.5	68.2	56.8	55.2	.....	100	.....	Mar. 27	Dec. 27
Biloxi	52.8	51.6	60.8	69.4	74.6	79.6	79.7	80.9	78.4	68.0	56.2	53.4	67.1	98	15	Mar. 26	Dec. 26
Briers	52.4	48.8	60.8	69.7	74.7	76.8	78.4	78.0	74.4	64.3	53.6	51.4	65.3	96	12	Mar. 28	Nov. 11
*Brookhaven	48.8	46.5	59.4	66.8	73.9	78.2	79.8	80.7	77.0	66.4	55.7	52.8	65.5	102	6	Mar. 30	Nov. 4
Canton	50.7	48.2	59.7	65.8	72.6	76.2	78.7	77.8	75.1	63.8	53.2	49.8	64.3	97	14	Mar. 30	Nov. 11
Clarksdale	[1]49.9	42.7	59.4	66.3	70.8	.....	79.4	80.2	75.4	.....	.....	.....	.....	99	7	Mar. 24	.....
Cleveland	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Columbus	.....	.....	.....	.....	74.6	80.2	81.2	80.3	76.6	64.2	50.6	.....	.....	107	.....	.....	Nov. 6
*Corinth	.....	.....	.....	.....	69.6	76.7	76.8	76.5	73.2	60.6	47.1	41.8	.....	100	6	.....	.....
Crystal Springs	52.4	53.4	60.5	66.6	72.0	76.6	78.6	78.1	75.2	65.4	54.6	49.6	65.2	99	12	Mar. 30	Oct. 9
Duck Hill	.....	.....	58.2	64.2	70.0	74.2	78.8	79.8	74.0	63.8	50.0	46.3	.....	98	6	Mar. 29	Nov. 5
Edwards	50.5	47.6	60.2	67.4	74.2	78.6	80.8	80.4	76.8	65.2	53.4	49.8	65.4	100	12	Mar. 29	Nov. 6
Egypt (a)	.....	.....	.....	65.0	70.9	77.2	77.8	81.3	73.7	61.7	50.6	.....	.....	100	.....	.....	Oct. 14
Enterprise	49.6	47.6	60.3	66.7	[1]72.6	76.4	78.1	78.0	75.2	62.9	52.0	47.4	63.8	99	8	Mar. 29	Oct. 30
Fayette	.....	.....	.....	69.2	73.8	75.6	78.2	78.6	75.0	64.4	52.0	50.8	.....	96	.....	.....	Nov. 14
Greenville [3]	47.0	43.8	57.6	64.8	72.6	77.4	79.5	79.0	74.7	63.8	52.0	48.4	63.4	99	11	Mar. 30	Oct. 31
*Greenville [4]	49.8	46.0	59.2	66.8	73.6	78.0	80.4	79.6	75.9	65.7	53.4	48.8	64.8	102	11	Mar. 30	Oct. 31
Hattiesburg	55.4	51.0	60.8	67.4	75.0	79.4	80.6	81.1	77.6	65.6	53.6	52.0	66.6	100	13	Mar. 30	Nov. 12
*Hazlehurst	.....	.....	.....	.....	73.2	77.2	79.2	79.2	76.5	67.0	55.8	.....	.....	100	.....	.....	Nov. 7
*Hernando	46.6	41.7	56.8	63.2	69.9	77.5	78.0	78.6	74.4	63.4	50.8	44.0	62.1	98	8	Mar. 30	Nov. 6
*Holly Springs	.....	.....	.....	.....	67.2	77.0	77.5	77.1	73.3	63.0	49.8	44.6	.....	99	.....	.....	Nov. 6
Itta Bena (a)	50.2	*45.2	57.8	[1]69.0	74.0	80.0	80.5	80.4	.....	.....	.....	.....	.....	102	.....	Mar. 30	.....
*Jackson	51.8	49.4	60.9	68.4	75.2	78.0	80.4	79.3	76.8	64.0	53.7	48.9	65.6	101	9	Mar. 30	Nov. 6
Kosciusko	49.2	46.4	57.2	62.4	70.8	74.9	77.0	76.6	73.8	62.3	52.0	48.1	62.5	96	9	Mar. 30	Nov. 6
*Lake	49.2	45.4	56.6	65.9	72.3	75.9	77.8	77.2	74.6	63.0	50.1	47.6	63.0	98	8	Mar. 30	Nov. 6
Leaf (a)	.....	.....	.....	.....	72.1	77.0	.....	[1]75.9	74.1	.....	.....	43.9	.....	.....	.....	.....	.....
Leakesville	56.4	52.6	61.1	69.0	73.4	77.9	79.7	79.8	77.7	66.9	59.0	53.6	67.3	99	12	Mar. 30	Nov. 6
Leonia (a)	.....	.....	.....	.....	.....	.....	.....	.....	73.1	64.5	.....	.....	.....	.....	.....	.....	.....
Logtown	54.8	*52.2	62.6	69.6	74.1	77.6	77.8	79.6	77.6	67.2	56.7	54.2	67.0	100	13	Mar. 27	Dec. 27
Louisville	48.0	45.3	57.0	63.4	70.2	75.0	76.6	76.6	74.1	63.0	51.6	47.6	62.4	98	3	Mar. 30	Nov. 6
McComb City	.....	.....	62.3	68.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 30	.....
*Macon	47.2	45.2	56.8	65.4	74.2	78.4	80.2	79.9	76.0	62.8	51.6	47.8	63.8	102	9	Mar. 30	Oct. 31
Mayersville	.....	49.1	61.7	67.2	73.2	77.4	78.6	78.2	74.0	.....	.....	52.1	.....	102	.....	Mar. 29	.....
*Meridian	49.4	47.6	59.0	65.5	71.3	75.0	76.9	76.7	74.4	63.0	52.2	48.6	63.3	98	9	Apr. 30	Oct. 10
Moss Point	56.2	55.8	62.7	71.2	75.3	80.3	81.2	81.0	77.8	67.8	56.6	54.0	68.3	99	16	Mar. 29	Dec. 18
*Natchez	53.0	49.6	62.2	69.7	74.2	77.3	79.4	79.6	76.6	67.0	56.1	53.8	66.5	98	13	Mar. 30	Nov. 12
*Okolona	.....	.....	.....	.....	72.5	79.8	80.6	79.8	75.0	62.6	49.6	47.6	.....	.....	.....	.....	Nov. 4
Palo Alto	48.2	45.8	57.5	64.6	71.6	78.2	79.1	78.0	75.0	63.5	51.8	47.3	63.4	99	8	Mar. 28	Oct. 15
Pontotoc	48.6	44.4	57.7	64.6	70.6	77.3	77.4	78.4	74.6	64.4	50.7	48.3	63.1	98	2	Mar. 30	Oct. 14
*Port Gibson	51.0	47.4	60.2	68.5	75.4	76.8	79.6	79.1	76.2	65.0	53.9	50.2	65.3	99	12	Mar. 31	Nov. 6
*Rosedale	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.6	46.6	.....	.....	.....	.....	.....
Stonington (a)	54.7	51.0	63.4	69.9	75.2	77.8	.....	78.6	76.6	66.2	56.6	52.2	.....	.....	14	Mar. 30	Nov. 4
Thornton (c)	52.6	47.7	60.0	69.0	73.4	77.5	80.4	79.0	75.6	66.7	53.1	52.7	65.6	100	15	Mar. 29	Nov. 12
Topton (c)	48.2	46.6	58.0	64.5	70.8	79.8	77.6	76.6	74.6	64.4	58.0	50.1	64.1	98	14	Mar. 27	Nov. 6
University	48.6	40.7	56.7	.....	71.2	76.0	77.4	76.2	.....	64.1	50.8	*46.3	.....	98	4	Mar. 30	Nov. 6

[1] William Cheney.
[2] J. H. Aschenbeck.
[3] Robert Somerville.
[4] Cotton region observer.
‡ None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Mississippi—Continued.																	
Vaiden	49.6	47.2	59.2	65.9	73.4	78.2	80.7	80.3	77.4	64.6	52.4	49.0	64.8	107	11	Mar. 30	Nov. 7
*Vicksburg	53.0	48.8	61.0	67.2	72.4	77.2	78.6	78.5	75.9	66.6	55.5	52.0	65.6	100	15	Mar. 29	Nov. 11
Water Valley (*a*)	47.4	43.0	56.7	64.4	70.8	76.9	76.4	77.5	73.4	61.9	49.4	46.2	62.0	102	5	Mar. 30	Nov. 11
Waynesboro[1]	48.2	47.1	57.6	65.2	69.5	75.1	78.2	77.4	75.1	65.6	50.8	47.7	63.1	100	8	Mar. 30	Nov. 5
*Waynesboro[2]	.....	.....	.....	.....	72.7	77.6	78.9	79.2	77.6	.....	54.5	.....	.....	100	.....	Mar. 30	Nov. 5
Williamsburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55.4	.....	.....	.....	.....	.....	Oct. 30
Woodville	54.0	51.2	62.8	70.8	75.6	79.0	80.2	80.5	77.5	68.4	58.0	54.8	67.7	100	13	Mar. 29	Nov. 11
*Yazoo City	52.1	48.6	65.0	69.7	75.6	79.2	81.4	80.2	75.6	64.6	53.4	49.9	66.3	107	9	Mar. 30	Nov. 6
Missouri.																	
Appleton City	32.7	29.6	[4]48.8	58.6	66.0	75.6	77.0	77.1	69.0	58.9	43.6	37.8	56.2	100	—14	.....	Oct. 8
Arthur (*c*)	26.0	19.9	36.6	48.7	56.8	67.6	66.1	.....	.....	53.0	38.2	33.2	.....	.....	—14	.....	Oct. 8
Bethany	25.4	24.0	44.7	55.3	63.8	74.6	77.1	77.6	68.4	56.4	39.0	33.8	53.3	105	—20	May 19	.....
Birch Tree	37.8	35.2	51.0	58.1	64.4	73.0	74.8	75.0	69.1	58.2	44.5	38.9	56.7	100	—14	Apr. 22	Oct. 9
Bluffton (*a*)	34.0	32.1	51.5	59.0	66.7	77.6	79.3	78.6	70.2	59.2	42.7	38.0	57.4	110	—16	.....	Oct. 9
Brunswick	29.0	26.6	47.3	57.1	65.0	74.6	77.2	77.3	69.8	57.2	40.0	36.4	54.8	99	—19	.....	Oct. 8
Carrollton	30.8	28.1	47.6	56.6	64.6	75.7	77.0	78.0	69.3	58.6	42.4	36.4	55.4	100	—14	.....	Oct. 8
*Columbia	32.5	29.6	50.0	57.1	64.4	75.7	77.2	78.7	69.8	58.9	41.8	37.7	56.1	105	—16	Apr. 11†	Oct. 8
Conception	19.8	21.9	38.6	49.4	58.2	68.7	72.4	[5]79.8	68.4	[5]59.0	.....	[5]33.0	.....	99	—20	.....	.....
Cowgill (*e*)	.....	.....	.....	.....	.....	.....	.....	80.2	69.9	59.7	41.2	36.9	.....	.....	.....	May 20	Oct. 9
Darksville	31.8	26.3	.....	.....	65.0	75.2	78.6	80.4	69.8	57.0	40.6	36.6	.....	107	—16	.....	.....
Dixon	.....	.....	.....	54.0	.....	.....	79.2	79.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Lynne (*c*)	28.8	25.3	45.2	.....	[5]59.5	70.0	70.8	71.0	63.0	54.1	38.4	35.4	.....	.....	—16	.....	.....
Edge Hill (*e*)	37.0	34.0	49.9	57.6	65.0	75.1	75.4	75.8	67.1	56.2	43.4	37.2	56.1	98	— 8	Apr. 4	.....
Eight Mile (*a*)	29.8	28.0	47.2	56.1	62.8	72.6	74.2	74.1	66.2	57.9	41.4	36.4	53.9	98	—16	May 20	Sept. 30
Eldon (*a*)	34.7	31.1	49.0	55.6	63.9	73.4	75.1	78.1	69.6	60.7	43.4	37.1	56.0	106	—14	.....	.....
Elmira	.....	.....	.....	57.3	63.8	74.3	76.8	78.0	69.6	56.6	[3]39.2	35.6	.....	110	.....	May 20	Oct. 8
Emma (*c*)	29.8	26.6	46.8	58.0	64.1	76.2	78.2	80.8	70.4	57.2	40.3	36.1	55.4	.....	—12	Mar. 29	.....
Fayette	31.2	28.0	49.8	57.4	66.5	78.0	*81.0	80.4	71.1	59.6	41.0	36.9	56.7	108	—17	May 20	Oct. 9
Fox Creek (*a*)	34.6	31.0	50.8	57.9	64.7	77.4	76.4	75.1	68.5	59.0	41.9	37.2	56.2	98	—12	.....	.....
Gallatin (*a*)	27.9	26.8	46.6	55.8	63.6	74.5	76.9	78.0	68.1	57.4	37.6	34.3	54.0	102	—18	.....	Oct. 31
Gayoso (*c*)	39.9	37.2	50.8	55.2	66.2	.....	73.2	74.6	69.6	56.3	43.6	37.6	.....	.....	— 2	Apr. 22	Oct. 9
Glasgow	31.1	27.4	48.9	57.0	64.0	75.5	77.2	78.4	69.0	58.0	40.3	36.2	55.2	104	—16	.....	Oct. 9
Gordonville (*c*)	37.0	33.9	49.2	55.1	62.2	71.0	71.6	72.2	66.6	54.1	40.0	37.0	54.2	.....	— 8	May 19	Oct. 9
Gorin (*c*)	26.6	24.5	43.0	52.7	63.1	75.7	78.2	76.4	66.4	53.2	35.8	33.2	52.4	111	—10	.....	Oct. 9
Greenville	.....	.....	.....	.....	.....	[1]81.6	77.2	78.0	70.2	57.2	.....	.....	.....	106	.....	.....	Oct. 9
Grove Dale	35.6	32.6	50.8	55.0	62.8	73.4	74.6	74.8	64.7	58.8	42.0	.....	.....	106	.....	May 20	Oct. 8
Half Way	.....	.....	.....	.....	.....	.....	.....	76.7	68.4	57.6	43.6	37.5	.....	.....	.....	May 20	Oct. 8
*Hannibal	30.0	27.0	47.4	55.0	62.8	75.3	77.0	76.0	68.7	57.0	38.2	35.6	54.2	100	—14	Apr. 11†	Oct. 8
Harrisonville	27.4	28.4	49.3	59.4	66.4	76.1	77.0	79.8	71.1	58.4	39.7	34.2	55.6	109	—16	.....	.....
Hastian	32.0	30.6	47.8	57.8	63.8	75.1	76.4	78.8	.....	.....	.....	37.5	.....	102	—17	.....	.....
Houston	34.8	32.0	48.0	55.4	61.9	70.4	72.1	73.5	65.4	54.6	43.4	37.0	54.0	103	—21	May 20	Oct. 9
Humansville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.4	37.4	.....	.....	.....	.....	.....
Ironton (*a*)	35.2	32.8	49.6	56.4	62.9	73.3	72.8	73.8	66.2	55.6	41.8	36.7	54.8	100	—10	May 19	Oct. 9
Jefferson City	31.0	29.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.4	.....	.....	—15	.....	.....
*Kansas City	29.6	27.2	47.8	57.3	64.9	75.0	76.8	78.3	69.1	59.4	42.2	37.8	55.4	100	—15	Mar. 29†	Oct. 5
Kidder	27.1	25.0	45.3	55.4	63.8	74.4	77.2	78.8	68.3	56.2	38.2	34.4	53.7	105	—19	May 19	Oct. 8
Lamar	33.9	30.3	49.5	58.9	65.8	74.3	75.5	75.9	69.5	58.4	45.5	39.0	56.4	98	—14	Apr. 5	Oct. 31
Langdon	.....	.....	.....	.....	61.8	72.0	75.7	76.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Plata (*a*)	27.6	23.6	45.4	55.2	64.5	75.4	77.5	76.9	67.3	[5]56.4	38.3	34.6	53.6	98	—14	.....	Oct. 8
Lebanon	35.6	32.0	50.9	58.6	64.7	73.4	75.8	77.4	69.9	59.6	45.1	40.7	57.0	100	—18	Mar. 30	Oct. 9
Lexington	30.7	28.0	49.6	57.2	.....	74.4	75.5	76.6	68.2	.....	.....	.....	.....	.....	.....	.....	.....
Liberty	30.0	28.8	49.2	60.0	67.0	77.0	77.8	79.1	71.2	58.8	41.5	36.4	56.4	103	—13	.....	Oct. 9
Linn Creek	31.2	29.4	.....	.....	.....	.....	.....	79.2	.....	60.4	46.0	40.6	.....	.....	—27	.....	Oct. 9
McCune (*a*)	29.4	26.8	47.4	53.8	62.9	75.4	76.8	75.3	67.7	56.5	39.0	35.4	53.9	103	—22	May 31	Oct. 9
Marble Hill	.....	.....	.....	54.6	62.3	72.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marshall	29.2	26.8	47.0	55.0	63.6	75.0	76.4	77.9	68.8	57.7	39.5	35.8	54.5	106	—16	.....	.....
Maryville (*d*)	.....	.....	.....	.....	.....	.....	76.2	78.0	63.6	49.6	42.4	29.8	.....	.....	.....	.....	Oct. 8
Mexico	29.0	26.2	46.7	55.5	64.0	76.5	77.5	77.4	67.3	55.8	38.4	34.8	54.1	105	—15	.....	Oct. 8
Miami	30.0	32.0	47.0	60.0	65.0	73.0	80.0	81.0	70.0	61.0	42.0	35.0	56.3	104	—10	.....	Oct. 8
Mine La Motte	36.8	33.8	51.0	56.7	63.1	72.4	73.2	74.6	67.8	56.7	43.1	38.6	55.6	97	—11	Apr. 22	Oct. 9
Mount Vernon	37.9	33.2	49.0	58.6	63.6	73.8	75.8	75.4	68.6	58.3	42.3	34.7	55.9	102	—22	May 21	Oct. 8
Neosho	33.8	32.2	50.3	59.3	65.6	74.3	76.0	.....	.....	.....	.....	.....	.....	.....	.....	May 20	.....
New Boston	24.6	[6]24.3	45.0	.....	.....	.....	.....	.....	.....	.....	.....	31.4	.....	.....	.....	.....	.....
New Hartford (*a*)	30.7	27.5	49.2	56.2	*63.5	80.9	80.2	75.8	71.7	60.4	40.5	36.8	56.1	105	—22	.....	Oct. 9
New Haven (*a*)	32.6	31.2	50.2	57.2	67.5	79.9	79.6	78.7	69.8	.....	38.4	35.9	.....	104	—13	.....	.....
New Madrid	41.6	38.9	54.4	60.6	67.4	78.4	78.3	79.1	72.0	62.2	47.9	42.4	60.3	101	— 8	.....	.....
Oakfield	35.2	30.7	51.0	57.1	65.5	76.8	77.3	76.6	68.8	58.6	42.4	37.6	56.5	100	—13	.....	Oct. 9
Oak Ridge (*d*)	36.4	33.6	51.2	56.6	65.8	74.6	75.6	76.5	69.4	58.4	42.2	40.0	56.7	.....	— 7	Apr. 22	.....
Olden	39.0	36.4	51.5	58.4	65.1	73.7	75.2	76.7	70.2	60.0	47.4	41.6	57.9	103	—11	.....	Oct. 8
Oregon[3]	26.0	25.8	46.0	57.9	64.6	74.6	77.1	78.9	69.2	57.4	39.6	35.6	54.4	102	—19	May 20	Oct. 8
Oregon[4]	26.2	25.4	45.2	56.6	64.7	73.9	77.3	77.8	68.7	56.4	39.0	34.6	53.8	105	—15	May 20	Oct. 8
Panacea	34.8	33.0	49.2	58.2	64.0	75.4	79.3	77.4	68.8	60.8	49.0	42.9	57.7	98	—24	May 20	Oct. 8
Paris	.....	28.6	47.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phillipsburg	34.7	30.3	*48.3	57.4	64.3	*74.0	73.9	75.7	*67.9	.....	.....	.....	.....	100	.....	May 20	.....
Pickering (*c*)	23.9	23.2	42.9	51.6	57.9	69.4	72.3	73.6	66.5	55.6	36.4	32.0	50.4	.....	—22	May 30	Sept. 18
Platte River (*c*)	25.6	24.2	42.5	53.0	62.1	72.5	74.4	74.2	63.2	50.4	35.8	32.4	50.9	100	—12	May 21	Oct. 8
Poplar Bluff	39.0	36.5	52.8	59.4	66.0	74.6	76.0	76.8	69.8	59.4	46.4	39.4	58.0	100	— 9	May 19	.....
Potosi	32.4	30.4	46.4	53.2	61.0	72.4	71.0	71.9	64.3	53.8	39.6	35.6	52.7	98	—15	May 19	.....
Princeton (*a*)	25.6	24.0	46.0	56.0	62.8	74.8	78.4	77.6	67.6	55.8	37.8	33.3	53.3	105	—20	May 20	Oct. 8
Rea	.....	.....	.....	51.1	60.8	75.0	76.8	77.9	[6]67.4	.....	.....	.....	.....	104	.....	May 20	.....
St. Charles	33.4	30.2	49.6	55.6	63.6	75.3	76.4	75.1	67.3	57.6	41.6	36.2	55.2	99	—17	.....	Oct. 9
*St. Louis	35.5	32.4	51.2	57.8	66.0	78.4	79.2	78.6	70.3	59.6	42.5	38.8	57.6	100	—11	Mar. 29†	Oct. 14
St. Louis[5]	33.8	30.7	49.4	55.6	63.5	74.8	75.5	75.6	.....	56.8	41.0	.....	.....	.....	.....	.....	Oct. 6
Sarcoxie (*e*)	32.4	30.8	49.2	59.4	67.0	74.3	76.4	76.4	*67.8	57.4	43.3	37.0	56.0	106	—16	May 20	Oct. 8
Sedalia	30.9	27.4	48.8	57.5	66.0	77.2	77.4	79.1	69.4	59.5	41.8	.....	.....	101	.....	.....	.....

[1] W. S. Davis.
[2] Cotton region observer.
[3] William Kaucher.
[4] S. M. Ruley.
[5] F. M. Duenkel.
* Means January to July, inclusive, apparently too low.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Missouri—Continued.																	
Sikeston					62.5	78.0	77.8		71.1								
*Springfield	35.6	32.0	50.0	57.8	64.6	73.6	75.0	75.9	68.0	59.0	44.8	38.2	56.2	97	—17	May 19	Oct. 8
Stellada	33.2	31.0	49.8	56.7	63.6	73.1	75.0	76.8	68.2	59.2	44.1	38.8	55.8	103	—24	May 20	Oct. 8
Sublett		25.6	45.4	54.2	60.7	74.4	76.8	76.0	65.8	54.2	36.4	33.8		102		May 31	Oct. 8
Unionville	25.2	27.8		54.6		80.2	82.0	80.1	69.8	59.6	32.6	32.4		104	—22	May 19	Oct. 8
Vermont (a)	*29.0	27.6	47.5	54.8	62.8	74.1	75.3	77.1	67.4	56.1	40.2	36.2	54.0	102	—15	May 19	Oct. 8
Warrensburg (a)	31.6	29.5	48.6	57.3	64.8	76.0	77.5	77.6	68.9	59.7	42.9	37.6	56.0	100	—13		Oct. 8
Warrenton	33.8	28.4	49.3	56.9	64.4	77.0	78.2	77.0	68.5	*60.6	43.4	38.2	56.3	102	—15	Apr. 11	Oct. 9
Whiteside	31.2	28.4	47.8	55.0	63.6	75.4		76.6	‡64.8							May 31	
Montana.																	
Big Timber				49.8	56.0												
Billings				53.4	60.2	57.2	72.4	70.6	59.2	49.4	36.0	27.0				May 9	Sept. 2
Boulder	18.6	14.0	28.0	42.3	52.2	56.6	62.7	65.6	51.0	43.2	38.8	20.4	41.2	92	—29	May 17	Sept. 4
Bozeman				42.3	53.2	58.2	64.0	65.7	52.6	43.4	39.2	23.3				May 10	Sept. 4
Butte				38.3	49.6	53.7	64.2	65.9	51.2	43.9	38.8	21.4				June 14	Sept. 14
Cascade																	
Choteau	19.2	26.9	30.0	38.0	53.1	59.1	69.0	69.2	50.2	42.4	37.4	28.0	43.0			May 16	Sept. 13
Cokedale (d)	16.2	13.8	17.2	40.0	53.4	57.2	68.0	66.4	49.2	43.3	36.7	22.8	40.4	106	—29	May 16	Sept. 16
Columbia Falls						57.1	63.4	63.2	49.8	42.1	37.3	23.4		94		June 30	Sept. 6
Deer Lodge City	22.0	16.0	31.7	43.6								20.8					
Fort Custer	19.4	12.8	28.4	47.8	58.0	67.1	74.5	72.2	55.4	44.5				99	—23	May 10	Sept. 10
Fort Keogh	7.0	6.2	25.5	48.7	58.3	68.4	74.0	74.4	56.8	47.0	34.1	23.8	43.7	103	—35	May 19	Sept. 4
Fort Logan	15.8	9.6	27.3	39.2	48.2	54.1	60.2	61.6	47.4	40.8	36.5	22.7	38.6	92	—31	May 16	Sept. 4
Fort Missoula	20.0	14.0	32.0	42.9	52.2	56.8	65.0	67.2	51.2	43.7	37.8	20.5	42.0	98	—21	May 17	Sept. 4
Glasgow	6.6	7.2	27.6	47.4	68.0	67.2	73.3	73.2	56.0	44.4	29.0	18.2	43.2	103	—32	May 10	Sept. 9
Glendive	9.4	11.0	28.9	49.6	61.2	68.8	77.8	75.0	58.8	47.4	31.6	20.2	45.0	112	—30	May 10	Sept. 23
Great Falls	17.4	20.0	29.2	46.6	54.0	60.2	67.7	68.6	54.0	48.8	40.0	31.8	44.9	99	—28	May 10	Sept. 15
*Havre	11.2	15.2	27.8	46.3	55.6	62.0	69.6	69.6	54.8	45.0	32.8	23.4	42.8	99	—26	May 10	Sept. 24
*Helena	18.7	16.3	30.8	45.2	54.8	59.0	69.0	70.4	54.0	46.8	41.0	24.2	44.2	95	—26	May 10	Sept. 24
Hogan	17.7		*29.6		54.4	57.6	67.4	67.6	51.2	45.2	37.8	27.8		99	—32	July 1	Sept. 13
Kipp						56.4	63.0	62.2	48.6	40.1	37.4	26.2		95		July 2	Sept. 3
Martinsdale	17.3	18.0	29.6	44.5	53.8	60.4	67.3	66.4	49.2	42.8	37.4	24.8	42.6	98	—28	May 16	Sept. 9
Marysville				42.0	52.9	55.0	65.4	66.8	50.1	43.2	38.9	24.4		92		July 1	Sept. 13
*Miles City	9.2	10.7	28.6	48.6	58.6	68.4	74.7	75.4	56.7	47.4	35.5	23.6	45.0	103	—30	May 10†	Nov. 9
Mingusville	11.8	21.0	32.6	49.4	57.8		*78.0	72.6	*57.2	47.8	36.0	29.0		106	—38	May 23	Sept. 16
Musselshell	14.5	17.4	29.2	47.6	56.9	64.8	71.0	72.7	55.4					106		May 10	
Pony				42.2	†52.0	56.2	64.2	66.4								May 16	
Powder River		9.6	27.8														
Red Lodge				38.2	50.6	56.6	62.7			40.4						June 13	Sept. 5
Red Rock (a)	17.4	9.5															
Utica					52.0	60.1	68.2	70.4	54.7	45.2	36.6	28.6		98		May 10	Sept. 13
Virginia City	21.2	17.4	29.8	41.3	53.1	56.1	65.4	66.2	50.8	44.2	40.0	21.6	42.3	90	—18	July 4	Sept. 4
White Sulphur Springs				*42.6	51.3	57.8	61.8	64.6	50.9	45.2	37.0	20.8				July 4	Sept. 4
Nebraska.																	
Agee (a)	12.6	15.5	34.4	49.7	61.4	72.6	76.7	78.1	63.0	50.1	31.7	26.5	47.7	108	—31		Sept. 29
Ansley				57.0	63.0	72.1	76.0	74.2	65.2	52.0	38.6	28.0				May 19	
Arborville (a)	20.7	20.7	40.7	51.8	61.8	73.0	80.4	81.5	67.5	57.1	32.6	32.4	51.7	112	—27	May 19	Oct. 8
Ashland	21.0	20.7	44.3	55.4	65.8	73.0	77.4	77.0	67.8	54.2	36.4	32.9	52.2	108	—22	May 19	
Ashton	16.8	16.4	36.5	50.9	60.7	70.6	75.0	73.5								May 19	
Auburn (a)										56.1	37.1	33.9					
Bassett	14.2	16.8	34.6	51.6	61.1	67.8	76.0	73.4	62.5	49.8	35.8	29.2	47.7	108	—25	June 5	Sept. 14
Beatrice	23.8	22.4	42.6	55.5	63.6	73.0	77.0	77.9	68.5	54.6	36.7	32.3	52.3	105	—17	May 18	Sept. 29
Beaver City	24.2	20.9	43.6	55.2	65.0	72.3	77.6	73.8	65.7	55.7	41.6	30.0	52.1	110	—24	May 19	Oct. 8
Belvidere	23.4																
Bratton (a)	23.2	23.2	44.6	56.3	65.1	73.7	78.3	78.4	67.6	54.2	37.2	33.0	52.9	103	—19	May 19	Oct. 7
Burwell (a)	16.0	21.9	40.8	54.4	68.2	78.2		80.7	69.8	56.5	35.8				—32	May 19	Oct. 30
Callaway	21.9	19.4	39.9	52.2	61.6	68.3	74.9	73.2			32.5	30.5		106	—30	May 19	
Chadron (a)									63.9	49.3	38.0	30.6					Sept. 10
Chester (a)									67.1	53.9	35.9	30.7					Sept. 30
Columbus	17.0	17.6		50.4	59.7	68.7		75.8	66.6	53.2	37.3	32.6				May 19†	Sept. 30
Cortland (a)									67.1	51.8	34.2	30.4					Oct. 6
Creighton (a)	12.6	15.5	35.8	49.2	61.2	71.4	76.0	73.6	63.7	48.1	31.8	27.3	47.2	114	—28	May 19	
Crete	22.2	20.0	44.6	55.3	62.8	71.5	76.6	77.4	66.5	55.6	39.4	33.5	52.1	105	—20	May 20	Oct. 8
Curtis (c)				56.4	67.6	76.4	80.0	78.1	64.6	52.2	43.5	32.2				May 18	
David City (c)	15.8	16.0	36.8	50.3	61.5	71.5	75.0	73.9	62.6	49.9	31.9	27.0	47.7	102	—22	May 19	Sept. 30
Ericson (a)	16.8	18.5	39.4	55.8	64.9	76.2	80.5	79.4	68.8	52.6	34.9	28.6	51.4	110	—31	May 20	Sept. 11
Fairbury (c)	27.0	25.3	44.6	*57.2		75.0	78.2	79.4								May 19	
Fontanelle									67.1	55.6	34.8	29.9					Sept. 30
Fort Robinson	20.4	20.3	36.9	50.2	59.2	67.0	71.8	72.0	60.3	51.2	39.4	29.8	48.2	99	—26		
Fort Sidney	24.8	22.2	38.0	48.9	58.7												
*Franklin	23.8	20.6	44.5	55.5	66.0	73.1	77.1	77.8	67.2	54.3	37.5	29.4	52.2	110	—24	May 19	
*Geneva	23.2	20.4	40.5	54.4	64.7	73.5	76.7	76.8	66.3	51.8	36.9	33.1	51.5	106	—21	May 19	Sept. 30
*Genoa	17.9	18.0	40.5	52.8	63.1	73.7	77.8	77.8	67.4	54.2	35.0	30.7	50.7	109	—27	May 19	Sept. 30
*Gering	21.7	21.4	37.4	50.4	60.6	68.7	*74.1		62.5	53.4	42.4	30.8		105	—24	May 21	Sept. 23
Glenwood (c)	11.2	10.8	30.6	45.8	55.9	67.2	69.7	67.4	58.2	44.3	29.6	22.5	42.6	106	—31	May 19	
Gothenburg									67.6	55.6	42.0	33.0					Sept. 30
Hartington	12.5	15.4	38.0	49.7	61.0	71.7	77.9	74.0	65.3	51.6	34.8	29.5	48.4	108	—29	May 19	
Harvard (a)	19.8	19.1	39.8	54.8	64.4	73.5	78.0	78.2	65.8	53.3	36.1	30.0	51.1	115	—24	May 19	Oct. 10
Hay Springs	14.1	14.7	*33.7	46.6	57.7	66.5	72.7	72.9	59.9	48.4	36.5	27.3	45.9	102	—34	May 10	Sept. 24
Hebron	23.9	22.5	44.3	56.8	64.5	72.3	75.8	77.2	67.8	55.5	38.9	32.8	52.7	105	—20	May 19	Sept. 30
Holdrege (c)	†17.2	15.2	37.2	52.2						50.8	33.4	35.2					
Imperial					64.9	73.0	79.2	75.7	66.2	51.2	39.8	*28.1					Oct. 7
Indianola (c)	24.1	19.2	40.8	54.2	68.8	75.6	79.8	78.6	66.4	55.2	44.3	28.9	53.0	110	—26	May 18	
*Kearney	21.0	20.6	§40.0														
Kennedy (a)	17.7	20.1	36.8	48.7	61.9	69.1	73.5	77.2	62.5	50.9	36.3	31.0	48.8	103	—20	May 18	Sept. 30
Kimball	25.8		37.2	48.8	59.6			72.4	60.7	50.5		27.0				May 21	

‡ Mean for twenty-eight days; station closed March 31, 1894.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Nebraska—Continued.																	
Lexington	24.3	25.0	38.3	55.9	64.6	68.2	72.7	72.6	64.8	54.9	37.0	27.2	50.5	104	—27	May 20	Sept. 14
Lincoln	22.5	22.1	43.1	54.2	63.6	72.4	77.0	77.9	68.0	55.6	38.4	33.6	52.4	105	—19	Apr. 22	.....
Lynch (*a*)	12.0	15.6	35.8	49.8	62.6	74.0	78.7	77.2	65.8	49.5	33.2	27.6	48.5	110	—32	May 19	Sept. 30
Madrid (*c*)	20.8	19.9	38.0	49.7	63.6	72.6	77.2	75.0	63.7	51.7	39.3	29.3	50.1	105	—29	May 19	Sept. 15
Minden (*a*)	21.6	20.3	39.2	53.0	63.3	71.8	76.3	76.2	64.9	52.4	36.5	28.6	50.3	108	—25	.....	Oct. 8
Mullen (*a*)	19.6	19.5	35.7	50.5	67.4	72.8	78.3	78.4	62.1	51.4	40.2	.....	.....	100	—28	.....	Oct. 6
Nebraska City (*a*)	20.0	20.6	43.1	50.4	62.0	71.2	74.3	77.9	65.0	52.1	34.2	30.1	50.1	100	—17	May 20	Oct. 8
Nesbit	20.4	20.1	.....	.....	.....	.....	.....	.....	.....	[c]52.1	[c]41.7	.....	.....	.....	.....	.....	.....
Norfolk	17.0	17.1	40.0	51.8	62.1	72.2	76.0	75.0	65.5	50.5	34.3	29.7	49.3	100	—27	May 19	Oct. 8
North Loup (*a*)	19.0	20.7	41.1	54.4	63.5	73.4	77.5	77.2	67.0	53.8	37.3	28.6	51.1	107	—28	May 19	.....
*North Platte	20.9	21.4	39.8	51.2	62.0	70.2	74.0	74.2	64.2	52.1	39.0	30.4	50.0	103	—26	May 19	Sept. 24
Oakdale	15.2	16.2	38.3	51.0	61.8	73.2	76.6	75.8	65.0	50.8	33.4	29.2	48.9	110	—30	May 19	.....
Ogallala	[c]20.2	21.0	[g]39.6	.....	.....	.....	.....	[m]71.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Omaha	20.6	21.6	43.0	54.0	64.6	74.0	77.4	77.8	67.2	55.0	37.0	33.2	52.1	106	—22	May 19	Oct. 8
O'Neill (*a*)	13.5	15.7	37.0	50.8	62.9	73.3	77.2	76.7	65.6	49.8	33.7	29.0	48.8	106	—31	May 19	Sept. 30
Palmer (*a*)	.....	.....	.....	.....	.....	.....	.....	78.5	65.0	51.2	34.4	27.8	.....	.....	.....	.....	Oct. 30
Ravenna	21.5	20.0	41.4	54.0	62.9	72.0	75.8	75.4	66.0	51.8	36.8	30.9	50.7	107	—25	May 19	Sept. 11
Santee Agency	13.3	16.5	39.1	52.1	63.0	75.1	79.7	76.2	65.6	51.9	32.1	29.7	49.5	114	—30	May 19	Sept. 10
Seward (*c*)	22.4	19.8	43.2	55.0	60.6	72.9	75.6	74.1	66.6	55.0	31.8	36.1	51.1	104	—15	May 19	Sept. 30
Springview	15.2	17.3	38.2	50.1	61.8	71.4	76.4	[c]76.4	.....	[g]50.2	35.8	30.2	.....	.....	.....	May 19	Sept. 29
Stanton (*a*)	15.0	16.9	37.5	50.2	61.0	70.8	74.9	74.2	64.4	50.8	33.1	27.4	48.0	107	—27	May 19	Sept. 30
State Farm	22.4	21.2	44.3	55.8	64.8	72.6	75.1	77.2	67.9	56.4	38.5	34.8	52.6	110	—20	May 19†	.....
Superior (*c*)	24.4	24.8	44.0	58.8	68.8	75.6	82.3	82.6	69.4	57.3	43.3	38.2	55.8	106	—23	.....	Oct. 8
Sutton	21.8	20.9	41.1	54.6	63.8	72.0	75.6	76.5	65.9	53.5	35.1	32.0	51.0	105	—21	May 19	Sept. 30
Table Rock (*a*)	24.9	24.4	44.0	56.1	65.0	73.6	77.8	79.9	68.9	.....	.....	.....	.....	.....	.....	May 19	.....
Tecumseh	[c]22.3	23.5	44.1	55.4	62.9	.....	.....	.....	64.3	51.9	37.4	31.8	.....	.....	.....	May 20	.....
Tehamah	.....	.....	.....	.....	.....	.....	77.8	75.4	65.4	51.8	33.0	27.1	.....	.....	.....	.....	Sept. 30
Turlington	.....	.....	.....	54.8	64.8	74.0	77.6	79.4	67.5	54.0	36.8	33.0	.....	.....	.....	May 20	Oct. 8
*Valentine	16.5	17.8	36.2	49.2	60.8	70.4	75.1	74.6	62.7	51.1	36.8	30.4	48.5	103	—38	May 19	Sept. 23
Wallace (*a*)	21.9	21.4	38.6	51.2	62.7	70.7	76.8	76.1	.....	49.4	37.0	27.7	.....	.....	.....	Apr. 20†	.....
Weeping Water (*a*)	17.5	17.4	39.6	51.8	59.9	69.8	72.2	73.0	63.5	49.9	34.0	29.2	48.2	.....	.....	May 20	Oct. 31
West Point	24.6	[d]17.9	40.6	52.6	.....	.....	78.0	.....	.....	.....	[c]35.7	.....	.....	.....	.....	.....	.....
Whitman	15.1	14.3	27.0	41.4	58.5	65.4	71.7	70.2	56.9	.....	.....	.....	.....	.....	.....	Apr. 19	.....
Wilsonville (*a*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.1	30.1	.....	.....	.....	.....	.....
York (*a*)	23.4	21.2	39.8	53.7	61.6	69.3	78.2	77.5	65.8	52.8	37.8	31.1	51.0	.....	.....	.....	Sept. 29
Nevada.																	
Austin	26.4	23.8	34.0	43.3	52.7	53.4	68.7	68.0	56.4	49.1	42.0	26.2	45.3	101	— 7	June 18†	.....
Battle Mountain (*a*)	35.0	32.0	42.8	53.2	63.3	63.8	82.4	77.0	61.7	56.9	41.7	28.2	53.2	101	—10	.....	Oct. 28
Belleville (*c*)	27.4	30.3	40.5	50.4	61.3	62.0	76.4	72.9	63.7	54.6	44.2	.....	.....	.....	.....	.....	Oct. 1
Belmont	20.8	20.8	33.2	43.1	52.3	52.8	67.6	66.0	56.2	49.0	45.4	23.3	44.2	89	—12	June 25	.....
Beowawe (*g*)	26.3	23.3	39.8	49.2	59.7	63.2	86.8	79.7	60.3	51.5	40.0	24.2	50.3	.....	.....	.....	.....
Candelaria	31.0	32.6	42.4	50.0	58.9	59.8	75.8	.....	.....	.....	.....	.....	.....	.....	.....	June 12†	.....
Carlin (*g*)	21.2	16.0	32.5	42.4	54.9	58.6	.....	70.1	54.2	44.1	34.9	23.4	.....	.....	.....	.....	.....
*Carson City	33.7	31.6	42.0	48.8	55.3	56.0	68.6	67.4	59.0	51.6	44.4	31.1	49.1	90	— 7	May 26	Sept. 14
Carson City [1]	32.0	29.7	40.8	48.8	54.1	54.9	66.6	66.1	56.8	50.6	43.6	29.3	47.8	93	—12	.....	Sept. 13
Downeyville	34.7	35.2	45.2	56.1	.....	.....	73.2	79.4	65.8	56.0	47.4	35.4	.....	.....	.....	.....	Oct. 1
Edgewood	26.4	23.8	31.1	41.6	.....	.....	.....	.....	.....	.....	41.6	.....	.....	.....	.....	.....	.....
Elko (*g*)	24.3	17.3	33.1	46.3	56.2	60.8	75.5	72.8	54.4	46.1	32.2	22.4	45.1	.....	.....	.....	.....
Elko (near)	24.2	14.7	.....	.....	.....	57.2	66.4	.....	60.2	.....	40.8	23.6	.....	102	—30	.....	.....
Ely	24.0	.....	34.6	42.4	53.4	55.4	67.6	66.2	53.9	46.6	39.7	22.6	.....	94	—17	June 13†	.....
Empire Ranch	15.8	17.2	.....	48.0	58.9	.....	75.9	71.0	51.8	53.1	31.0	15.4	.....	.....	.....	May 26†	.....
Fenelon (*g*)	25.6	19.6	32.1	43.4	54.3	58.3	72.8	68.2	53.9	45.1	41.7	34.2	45.8	.....	.....	.....	.....
Genoa	32.2	29.8	41.8	48.6	48.3	.....	65.6	67.8	57.8	52.6	50.0	28.8	.....	.....	.....	May 30†	.....
Golconda (*g*)	33.1	29.6	41.9	50.8	62.1	62.9	77.8	76.9	63.9	54.1	42.6	30.7	52.2	104	— 4	June 12	.....
Gold Hill	35.8	31.6	41.2	49.4	55.3	56.3	71.8	72.4	63.0	55.8	53.6	31.1	51.4	99	4	June 12†	.....
Halleck (*a*)	20.3	15.3	31.5	43.6	56.0	56.5	70.5	67.6	53.0	42.6	29.8	19.0	42.1	104	—30	.....	.....
Hawthorne (*g*) [2]	33.0	34.3	44.6	51.4	61.4	62.3	77.2	75.7	64.0	55.7	46.4	32.2	53.2	.....	.....	.....	.....
Hawthorne [3]	32.6	34.3	43.4	49.9	59.4	60.5	74.1	73.2	62.6	54.4	45.4	33.2	51.9	97	— 5	June 12†	.....
Hot Springs (*a*)	30.2	31.4	41.5	57.2	63.8	71.0	81.4	79.7	67.8	55.0	49.6	31.9	55.0	101	— 2	.....	Oct. 28
Humboldt (*g*)	28.4	25.2	40.3	50.2	54.1	60.9	74.5	74.4	60.4	48.4	41.6	28.9	48.9	.....	.....	.....	.....
Lewers Ranch	32.7	30.4	38.9	48.4	54.4	55.4	67.9	68.4	59.4	53.0	48.7	31.1	49.1	96	— 2	June 12	Sept. 13
Lovelock (*g*)	30.7	31.1	44.6	56.4	66.6	.....	78.4	82.7	68.6	57.4	46.7	34.3	.....	.....	.....	.....	.....
McGill	22.5	19.4	32.9	43.0	53.2	54.6	66.0	65.2	.....	.....	.....	.....	.....	.....	.....	June 12	.....
Mill City (*a*)	30.7	29.7	47.1	48.2	61.2	64.2	76.6	70.1	58.0	48.8	42.0	29.1	50.5	103	— 5	.....	.....
Osceola	.....	.....	.....	.....	56.2	[1]57.5	.....	72.0	61.7	52.6	47.6	29.0	.....	.....	.....	June 13	Oct. 1
Palisade (*a*)	24.6	19.8	35.8	45.7	56.4	56.8	77.7	75.1	55.5	54.0	42.5	27.8	47.6	104	—14	.....	.....
Palmetto	25.4	24.6	36.6	45.6	53.6	54.6	68.1	66.3	57.5	47.0	44.5	27.6	.....	.....	.....	June 14	.....
Paradise Valley	.....	25.4	39.2	47.6	56.8	58.2	70.5	71.0	59.3	51.8	42.7	26.3	.....	.....	.....	June 13	.....
Reno (*g*)	34.0	35.6	44.3	50.5	57.0	61.7	72.9	75.7	60.4	52.2	47.8	36.8	52.4	100	— 7	.....	.....
Reno, State University	30.9	30.0	39.1	.....	.....	.....	.....	.....	.....	.....	.....	30.0	.....	.....	.....	June 11	.....
St. Clair	33.0	29.2	40.6	50.2	57.2	60.0	74.3	75.6	61.4	51.4	43.0	36.5	50.5	98	— 5	June 19	.....
South Camp	28.2	29.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stofiel	21.2	16.5	24.9	35.1	46.6	48.6	61.1	61.6	47.3	.....	36.0	18.8	.....	95	—41	June 29†	.....
Sunnyside	19.4	19.2	41.2	52.4	63.4	64.6	78.6	77.4	64.9	58.2	51.2	29.6	51.7	103	—20	June 12	.....
Tecoma (*g*)	20.1	18.5	24.6	46.4	58.4	61.3	72.7	75.4	58.7	46.4	38.7	26.1	45.6	.....	.....	.....	.....
Toano (*a*)	23.6	17.4	31.2	42.3	53.4	56.6	70.4	70.6	54.0	45.9	35.2	18.9	43.3	98	—18	.....	.....
Tybo	26.7	27.3	38.3	48.2	55.6	57.6	70.4	69.9	59.3	51.2	43.6	25.8	47.8	95	—10	June 12	.....
Verdi (*g*)	32.4	28.8	39.3	47.1	54.7	57.3	70.3	66.4	58.0	51.5	43.7	27.0	48.0	.....	.....	.....	.....
Virginia City	31.4	29.6	38.0	46.3	51.8	55.0	69.8	68.2	57.7	48.4	.....	.....	.....	.....	.....	June 10	.....
Wadsworth (*g*)	32.1	48.5	40.1	51.5	.....	57.7	82.7	77.4	59.3	51.5	40.1	30.3	.....	.....	.....	.....	.....
Wells	20.8	13.1	33.0	42.0	56.7	64.1	71.0	68.3	64.5	51.7	.....	19.6	.....	.....	.....	.....	.....
Winnemucca	30.2	25.6	39.8	46.6	55.4	57.8	71.5	71.6	57.2	50.0	41.8	25.3	47.7	96	—11	June 13	Sept. 13
*Winnemucca (*g*) [2]	29.3	27.8	39.2	47.0	57.1	59.0	75.3	75.7	58.8	51.4	40.5	25.5	48.9	.....	.....	.....	.....
Yerington	.....	.....	.....	51.2	59.0	59.8	72.4	71.2	59.1	53.0	44.9	32.2	.....	.....	.....	June 12†	.....

[1] Prof. C. W. Friend. [2] Pacific Railway system. [3] C. P. Mengel.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
New Hampshire.																	
Alstead (*f*)	19.8	15.2	34.1	42.9	54.8	63.9	70.4	65.8	51.7	48.3	30.7	22.9	44.2	90	−25	June 8	Sept. 26
Berlin	15.8	11.4	32.9	40.6	52.8	64.6	65.7	59.4	56.4	[3]44.6	[c]28.4	19.4	41.0	93	−34	May 23†	Aug.27†
Berlin Mills	17.0	10.0	32.2	41.0	53.5	63.8	64.8	59.8	56.0	46.6	29.4	19.6	41.1	92	−35	June 8	Sept. 26
Bethlehem	18.6	14.1	33.0	41.9	55.1	65.4	68.0	61.0	59.1	46.6	27.9	21.4	42.7	91	−24	May 15	Aug. 22
Brookline (*a*)	26.0	22.2	40.1	46.5	57.2	68.0	72.5	64.8	63.7	50.1	32.7	26.3	47.5	98	−22	May 30	Sept. 26
Concord	19.8	20.1	36.2	45.0	55.2	66.1	70.4	64.5	60.7	50.7	33.3	25.6	45.6	96	−19	Apr. 30†	Sept. 26
Dublin	23.0	17.2	36.4	43.0	53.6	64.6	69.3	63.4	61.1	47.8	30.3	24.8	44.5	89	−19	Apr. —†	Oct. 16†
Durham	23.1	20.6	40.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Canterbury	20.6	14.9	35.4	43.7	53.8	66.1	71.9	66.1	61.5	.....	.....	.....	.....	.....	.....	May 22	Sept. 26
Grafton	20.2	16.4	35.7	44.6	54.6	65.4	69.8	63.4	60.7	47.9	29.0	.....	.....	.....	.....	May 15	Aug. 22
Hanover	20.3	18.4	35.9	45.2	55.1	65.4	69.7	62.6	60.3	48.7	31.9	23.1	44.7	90	−29	Apr. 30†	Oct. 8
Keene	22.9	19.2	37.4	44.7	55.3	65.3	69.7	64.6	61.4	48.6	32.0	23.5	45.4	95	−21	May 22†	Sept.26†
Lancaster	19.7	16.4	35.4	43.0	56.7	69.2	71.4	64.2	59.9	49.3	32.0	22.0	44.9	95	−28	May 14†	Sept. 26
Littleton	17.2	12.5	32.9	44.5	55.0	64.1	66.4	60.2	58.3	47.6	29.5	21.4	42.5	91	−29	June 7	Sept. 26
Nashua	24.5	20.5	40.4	47.0	57.5	68.0	72.6	67.7	63.7	50.8	33.4	25.4	47.6	98	−16	May 22†	Sept. 26
Newton	24.2	20.0	38.6	45.4	54.6	67.4	72.0	65.8	62.0	49.6	[c]32.0	26.3	46.5	98	−16	May 22†	Sept.26†
North Conway	18.6	14.7	34.5	43.6	54.2	66.0	69.0	62.4	59.5	47.8	29.4	21.9	43.5	99	−29	May —†	Sept.26†
Peterboro	23.0	17.6	38.0	43.4	54.5	65.1	69.8	63.4	60.4	47.4	30.4	23.6	44.7	95	−26	May 30	Sept.26†
Plymouth	17.0	13.0	31.8	42.6	53.2	64.7	68.7	62.2	58.6	46.4	27.7	19.9	42.2	96	−24	May 17†	Sept. 26
Sanbornton	20.4	17.2	35.2	43.9	53.8	65.0	68.8	62.5	59.7	45.8	30.0	23.0	43.8	92	−19	May 22†	Sept.26†
Stratford	17.8	14.0	33.7	45.2	57.6	67.2	68.7	63.2	61.8	46.5	28.7	23.9	44.0	98	−33	May 16†	Sept. 26
West Milan	14.8	11.0	32.0	41.5	53.6	62.7	64.2	58.6	56.3	45.6	28.6	17.6	40.5	90	−42	May 23	Aug. 27
New Jersey.																	
Allaire	34.8	31.2	44.6	49.0	61.0	70.1	74.7	69.5	68.0	54.2	39.7	35.2	52.7	98	2	Apr. 26	Oct. 12
Asbury Park	35.6	31.6	43.6	48.8	59.8	70.6	76.4	70.8	68.0	55.1	40.3	36.3	53.1	100	3	Apr. 10	Oct. 14
*Atlantic City	37.4	33.6	44.0	47.6	59.5	66.8	70.3	69.6	69.2	57.4	42.9	38.0	53.0	90	5	Apr. 9	Nov. 7
Barnegat Park	39.4	.....	45.5	47.0	60.0	69.5	74.9	69.6	68.8	56.0	42.0	36.6	.....	101	.....	Apr. 15	Nov. 15
Bayonne	33.6	29.6	44.2	49.6	61.1	71.2	76.8	72.8	69.6	56.4	40.4	34.8	53.3	99	1	Apr. 15	Oct. 16
Beach Haven	.....	.....	.....	49.2	60.2	69.4	73.5	70.6	70.3	57.8	43.0	37.6	.....	.....	.....	Apr. 9	Nov. 7
Belvidere	32.3	26.3	42.2	49.4	61.7	70.4	74.3	69.8	67.4	54.0	38.2	32.7	51.6	99	−4	Apr. 26	Oct. 26
Beverly	35.2	31.1	46.6	51.1	63.1	71.9	78.4	72.6	70.0	57.3	41.4	35.6	54.5	102	1	Apr. 16	Oct. 16
Billingsport (*a*)	34.8	29.0	44.6	50.0	63.5	73.2	78.5	72.6	69.5	55.4	40.1	33.6	53.7	98	4	Apr. 11	Nov. 7
Blairstown	31.4	27.4	41.8	48.5	60.9	70.5	74.6	70.0	66.0	53.4	38.2	32.2	51.2	99	−5	Apr. 26	Oct. 12
Boonton	33.1	26.6	42.2	47.8	60.5	69.8	75.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeton	38.8	35.5	48.6	52.8	65.8	74.4	78.8	73.7	71.6	58.4	43.8	38.5	56.7	100	9	Apr. 9	Nov. 12
Camden	34.9	31.2	46.0	50.8	62.8	71.6	77.0	70.9	68.9	55.7	40.4	35.0	53.8	98	5	Apr. 15	Nov. 7
Cape May	39.1	36.4	46.0	50.0	62.2	70.0	73.0	70.8	71.1	59.6	45.6	39.8	55.3	94	8	Apr. 9	Nov. 12
Cape May C. H	38.8	35.2	46.9	50.1	61.4	70.0	74.2	69.4	69.8	57.9	44.2	38.2	54.7	93	5	Apr. 3	Nov. 12
Charlotteburg	29.7	24.5	39.9	43.7	[1]56.2	69.0	75.3	70.2	66.4	50.4	37.0	31.2	49.5	96	−8	May 16	Oct. 7
Chester	30.5	24.8	40.7	[3]49.6	58.5	67.7	74.0	68.7	64.5	51.6	35.6	30.1	49.7	96	−7	May 29	Oct. 12
Colesville	.....	.....	.....	.....	.....	.....	.....	.....	.....	52.6	.....	30.8	.....	.....	.....	.....	.....
Deckertown	29.4	23.6	40.2	[c]47.0	[1]59.8	[c]68.0	73.2	[d]70.2	[c]65.0	50.9	35.4	30.7	49.4	100	−11	Apr. 15	Nov. 6
Dover	30.9	[d]24.5	41.8	47.4	59.4	68.8	[c]74.2	68.0	65.8	52.5	37.4	31.8	50.2	96	−4	Apr. 26	Oct. 7
Egg Harbor City	35.0	32.7	45.3	49.0	61.8	70.6	76.1	70.1	69.2	55.2	40.2	35.6	53.4	101	3	Apr. 15	Oct. 12
Elizabeth	33.8	30.1	44.0	50.6	61.2	71.9	76.8	72.0	68.4	54.9	39.6	34.0	53.1	101	−1	Apr. 15	Nov. 7
Franklin Furnace	29.2	22.0	40.2	46.6	58.8	68.0	73.8	68.3	65.7	51.8	37.0	31.0	49.4	98	−9	Apr. 16	Nov. 6
Franklinville	35.2	31.3	45.0	49.2	62.0	70.4	75.7	69.7	67.8	54.4	39.8	34.0	52.9	98	3	Apr. 15	Oct. 12
Freehold	35.2	29.8	44.2	49.6	61.3	69.9	73.8	69.2	67.8	55.2	40.4	36.2	52.7	98	0	Apr. 15	Oct. 15
Gillette	31.5	26.0	41.4	48.0	58.6	68.7	74.5	68.8	65.7	51.6	37.8	32.3	50.4	98	−3	Apr. 23	Oct. 15
Hanover	32.0	27.4	42.5	48.2	60.2	69.8	74.4	69.9	66.8	53.2	39.0	33.2	51.4	96	−2	Apr. 15	Oct 15
Hightstown	35.6	30.9	45.6	51.3	62.5	71.4	77.2	72.2	67.4	55.4	39.8	34.6	63.7	100	4	Apr. 10	Nov. 7
Imlaystown	36.2	31.2	46.2	50.8	63.6	72.8	78.5	72.8	69.4	57.6	41.1	35.9	54.7	102	2	Apr. 12	Nov. 7
Lambertville	33.2	29.4	45.4	50.4	62.0	72.6	77.1	71.7	68.3	55.4	[c]38.0	34.7	53.2	101	4	Apr. 14	Nov. 7
Millville	37.6	34.2	47.8	[c]50.0	64.8	74.0	79.2	73.4	71.6	58.6	43.2	37.8	56.0	102	4	Apr. 10	Nov. 11
Moorestown	35.0	30.7	46.0	50.0	62.4	71.0	76.7	70.6	68.9	55.2	40.9	35.6	53.6	98	3	Apr. 15	Nov. 7
Newark [1]	32.6	27.8	43.1	48.6	60.2	70.0	75.2	71.0	67.3	54.5	.....	35.4	.....	96	.....	Apr. 12	Nov. 7
Newark [2]	33.2	27.8	43.7	49.2	61.0	70.5	76.2	71.8	68.2	55.2	40.2	35.1	52.7	98	−1	Apr. 12	Nov. 7
*New Brunswick	32.2	28.3	42.9	49.1	61.2	70.6	76.8	71.8	69.1	55.2	39.9	34.9	52.7	100	−1	Apr. 15	Nov. 7
New Brunswick [3]	33.4	29.1	45.0	50.2	61.6	70.8	76.8	72.1	69.0	56.0	39.7	34.8	53.2	101	−2	Apr. 15	Nov. 7
New Brunswick [4]	33.0	29.3	42.9	47.2	59.8	68.4	74.6	69.2	66.7	54.0	39.6	34.5	51.6	98	2	Apr. 15	Nov. 7
Newton	30.5	24.5	40.9	47.4	60.4	69.8	74.2	69.1	65.1	52.2	36.6	31.5	50.2	98	−6	Apr. 15	Oct. 16
Ocean City	37.0	34.4	44.4	48.4	61.0	68.8	71.6	69.5	69.0	58.1	43.9	37.8	53.7	98	5	Apr. 9	Nov. 7
Oceanic	36.8	32.4	46.3	52.6	63.3	73.0	77.4	74.0	70.4	57.0	43.3	38.2	55.4	98	7	Apr. 9	Nov. 7
Paterson	33.8	29.4	45.0	50.8	63.0	72.0	76.3	71.2	68.2	55.6	41.1	35.2	53.5	98	1	Apr. 10	Nov. 6
Perth Amboy	33.3	30.0	.....	.....	62.0	.....	.....	.....	.....	55.8	39.8	34.4	.....	.....	.....	.....	Nov. 7
Plainfield	32.8	28.1	43.0	49.6	61.0	70.6	76.4	72.6	69.2	55.6	39.8	34.8	52.8	100	1	Apr. 15	Oct. 16
Readington (*a*)	36.4	34.2	47.4	53.5	64.5	73.5	78.2	76.3	73.8	59.3	45.4	38.8	56.8	102	6	Apr. 7	Nov. 12
River Vale	30.6	26.8	41.4	47.7	59.9	69.0	74.9	68.8	67.1	53.2	38.6	33.0	50.9	101	−9	Apr. 30	Oct. 16
Salem	34.8	32.0	46.5	51.3	63.4	.....	.....	.....	70.2	.....	.....	35.0	.....	99	6	Apr. 15	.....
Somerville	33.2	29.4	43.7	50.2	62.0	71.6	77.2	71.8	69.8	56.4	41.2	34.8	53.4	106	−5	Apr. 15	Oct. 16
South Orange	32.5	27.2	42.9	48.8	60.5	70.3	75.4	70.4	67.0	53.9	38.5	33.6	51.8	100	−1	Apr. 12	Nov. 7
Tenafly	31.2	27.6	42.8	47.6	59.0	68.2	73.8	69.2	67.0	54.5	38.8	32.0	51.0	95	−5	Apr. 18	Oct. 16
Toms River	36.0	32.0	45.0	48.6	61.1	71.0	77.0	71.1	69.8	55.8	40.2	36.2	53.6	104	2	Apr. 30	Nov. 5
Trenton	36.9	32.6	47.4	52.9	65.0	73.0	79.0	73.6	70.2	57.6	43.1	37.4	55.7	100	1	Apr. 9	Nov. 7
Vineland	36.4	33.2	47.9	51.7	64.5	73.8	79.1	72.7	70.8	56.9	41.8	37.1	55.5	105	3	Apr. 15	Nov. 7
West Summit	.....	.....	.....	.....	.....	.....	.....	.....	66.1	53.3	.....	.....	.....	.....	.....	.....	.....
Whiting	37.1	33.2	46.8	50.6	63.0	72.6	78.0	71.8	70.2	57.2	42.3	38.8	55.1	101	2	Apr. 15	Nov. 7
Woodbine	35.8	32.8	45.0	48.5	62.0	69.8	75.4	69.4	68.2	55.3	41.0	36.3	53.3	96	3	Apr. 30	Oct. 11
New Mexico.																	
Albert	38.3	31.6	48.0	59.0	67.8	72.4	78.0	74.4	67.7	59.3	49.2	40.1	57.2	101	3	Apr. 1	Oct. 29
Albuquerque	31.0	32.6	45.2	55.9	65.5	71.4	76.9	73.1	64.6	56.9	44.2	36.5	54.5	93	0	Apr. 9	Oct. 29
Alma	.....	.....	46.0	55.5	64.8	67.5	75.0	72.5	66.1	59.0	48.0	42.5	.....	.....	.....	Apr. 28	Oct. 28
Bloomfield	25.0	26.0	.....	51.7	60.4	67.0	76.0	73.2	61.0	.....	[d]38.5	32.8	.....	.....	.....	May 27†	Sept. 15
Chama	22.1	22.8	35.4	43.4	54.2	58.1	67.2	65.8	56.1	50.2	44.7	31.4	46.0	96	−18	June 18	.....
Coolidge	35.0	34.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] F. W. Ricord. [2] G. C. Sonn. [3] G. V. Meyers. [4] Mrs. G. H. Cook.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
New Mexico—Continued.																	
Deming (*g*)	44.9	46.3	53.3	71.4	78.7	82.2	87.8	82.5	77.7	67.0	53.0	49.0	66.2				
East Las Vegas	33.0	28.3	41.6	50.5	58.7	63.2	67.2	65.5	58.3	52.7	44.0	35.0	49.8	88	—12	May 1†	Sept. 11
Eddy					76.4	79.6	82.4	77.1	73.3	65.4	53.8	45.2					Nov. 11
Estalina Springs	29.0	[d]26.5	[e]42.7		[f]59.2	[g]64.7	67.7	[h]63.9	[e]59.1	52.3	42.9	34.1		95	—10	June 1†	
Folsom	31.6	[d]23.4	[d]39.8														
Fort Bayard	35.5	35.4	44.2	54.6	62.4	68.0	73.5	70.6	66.2	62.0	51.6	42.2	55.5	95	8		Oct. 29
Fort Stanton	35.1	34.8	43.2	54.4	61.1	66.2	69.4	64.5	61.8	55.5	45.7	[e]9.2	52.7	99	— 1	May 1†	Oct. 22
Fort Wingate	31.2	28.6	39.0	49.1	60.6	64.4	71.8	70.0	60.8	53.9	46.0	35.2	50.9	96	— 8		
Fresnal											41.7	38.5					
Galisteo	30.5	30.0	42.2	53.4	62.9	68.6	72.5	67.9	62.6	54.3	42.9	34.2	51.8	89	5	Apr. 30†	Oct. 29
Gallinas Spring	35.7	29.1	46.0	57.0	65.8	71.1	76.0	73.5	64.2	60.9	46.6	37.8	55.4	102	— 3	Apr. 29†	Oct. 8
Gila											50.8	46.3					
Halls Peak	29.6	23.5	36.6	45.6	50.8	57.2	60.1	52.8	53.2	48.3	41.1	32.3	44.3	86	—15	June 8†	Sept. 11
La Luz	40.4	42.1	38.3	62.6	70.1	72.8	76.4	[i]73.2								Apr. 30†	
Las Cruces	37.1	28.3	48.8	59.9	66.9	72.2	77.5	75.4	69.2	60.4	49.0	44.7	57.5				
Lordsburg (*g*)	39.6	43.9	50.1	57.3	70.5	88.8	84.4	84.6	73.9	56.8	52.3	48.5	62.6				
Los Lunas	29.0	29.9	46.5	58.6	68.3	75.4	77.2	74.8	63.4	54.8	44.2	36.8	54.9	104	5	Apr. 4†	Oct. 20
Monero	16.7	14.5	32.1	43.5	54.0	58.2	66.4	62.9	53.8	44.4	36.6	26.4	42.5	95	—19	May 17	Sept. 11
Olio	26.9	33.0	45.3	53.4	64.0	67.4	77.7		63.0	54.2	42.8					Apr. 29	Sept. 29
Raton			40.0	50.4	59.5							[e]35.8					
Rincon			51.4	62.9	71.7	77.1	[j]85.0			62.3	47.8	44.6				Apr. 9†	Oct. 21
Roswell						71.5	75.5	72.3	69.0	60.5	47.6	42.4					Oct. 29
San Marcial		[k]37.3	49.0	59.2	67.5	72.0	76.4	72.8	65.0	58.0	44.8	[f]39.9				Mar. 26†	Oct. 29
*Santa Fe	27.8	26.2	39.3	49.0	58.8	64.0	68.8	64.5	59.0	51.9	43.4	33.7	48.9	86	0	Apr. 30	Oct. 2
Socorro	36.0	37.0	49.4	60.3	70.7	75.6	78.1	74.4	69.4							Mar. 26†	
Springer			44.1	54.2	67.4	72.0	77.2	72.3	67.8	58.8	51.0	36.2				Apr. 14†	Sept. 12
Sulphur Hot Springs			30.8	41.3	49.7	73.5	61.4	58.2	51.0	43.8	35.0					June 28†	Sept. 11
Taos	23.5	25.4	39.4	49.6	59.5	63.6	71.1	68.2	58.2	50.2						May 16	Sept. 14
New York.																	
Addison	31.1	23.7	29.9	44.6	57.4	67.5	70.6	65.7	64.0	51.6	36.0	30.7	48.6	96	—26		
*Albany	26.6	21.2	39.8	48.4	59.7	69.8	74.6	69.3	66.8	53.2	36.5	29.0	49.6	97	—11	Apr. 10†	Nov. 6
Alfred Center	27.5	19.7	37.2	41.7	54.2	65.5	68.7	64.9	[c]61.8	49.8	31.1	[d]29.7	46.0	92	—16		
Angelica	28.4	19.5	38.0	41.8	54.4	64.4	67.7	62.2	61.3	49.5	32.7	28.1	45.7	92	—26		Sept. 26
Arcade	27.2	20.0	37.2	41.6	54.1	64.0	67.5	63.5	60.2	49.5	32.0	28.5	45.4	90	—16		Sept. 26
Arkwright		22.9	37.8	43.3	54.0	64.7	68.8	65.0	62.4	50.8	34.2	30.8					
Baldwinsville	26.6	[d]19.6	36.9	45.7	57.3	69.1	73.0	66.8	64.9	52.4	36.3	30.1	48.2	94	—11		
Bedford				47.1	59.1	68.3	73.5	68.4	65.8	52.8	38.6	33.2					Oct. 16
Big Sandy (*h*)		18.2	37.2	45.5	58.0	65.9	71.6	68.2	66.2	53.5	37.7	33.0					
Binghamton	29.0	21.6	39.8	44.4	57.8	66.6	71.1	66.2	63.7	50.7	34.9	28.2	47.8	97	—15	May 29	Sept. 26
Brentwood	32.1	27.9	40.6	45.8	[d]59.2	[e]68.1	72.9	68.2			36.9						
Brookfield	24.8	17.1	34.7	42.3	53.5	64.7	69.1	63.7	63.5	49.9	35.1	27.2	45.5	95	—26	May 29	
Brooklyn											42.7	35.2					
*Buffalo	30.6	22.8	38.8	45.1	54.6	65.6	70.7	67.1	65.4	53.9	36.1	33.0	48.6	89	— 5	Apr. 11†	Sept. 26
Canton				44.4	56.0	67.4	69.4	62.8	61.0	48.5	31.2	24.0					
Charlotte (*h*)		23.2	39.2	42.4	51.7	64.7	68.3	64.7	62.2	50.9	35.4	33.0					
Constableville	22.3																
Cooperstown	25.5	18.6	35.5	43.4	54.7	65.6	68.5	63.2	61.4	48.8	31.9	27.3	45.4	90	—16	May 16	
Cortland	26.0	20.2	36.5	44.0	55.8	65.4	68.7	[d]64.1	62.4	50.7	34.1	27.3	46.3	87	—15		
Eden	26.1	21.6	38.3	44.3	57.8	65.6	70.8	62.7		52.6	34.0	29.6					Sept. 27
Elmira	32.6	26.0	41.7	46.6	60.0	70.5	73.6	67.7	66.4	53.7	37.6	33.0	50.8	98	—16		
Fleming	29.9	20.6	38.2		56.6	67.0	71.7	67.1	65.4	52.5	35.3	31.3					Nov. 2
Fort Niagara	33.2	26.5	40.6	[l]45.7	55.0	68.2	71.3	68.8	65.0	52.1	36.7	33.8	49.7	93	— 5		
Friendship	29.2	21.0	38.5	42.0	54.8	[c]64.0	67.4	63.2	61.6	49.3	32.6	[j]34.4	46.6	96	—23		Sept. 26
Glens Falls	[c]22.8	17.3	37.0		50.1	63.4	71.1	65.9	63.1	50.1	32.4	25.1		95	—22		Sept. 19
Gloversville	23.2	15.7	34.6	45.1	56.4	66.1	69.1	64.0	61.7	49.1	32.1	24.7	45.2	92	—24		Sept. 26
Hamilton							68.7	63.3	62.7	49.2	[c]32.7	26.5		97			Sept. 26
Hess Road Station	30.0	24.5	39.1	45.7	54.1	[c]67.1	69.1	63.8	61.6	49.7	36.4	33.0	47.8		— 5		Sept. 26
Highmont							68.2	[m]61.3									
Honeymead Brook	26.9	21.5	39.1	46.2	58.0	66.8	72.0	66.8	64.3	50.5	34.7	27.9	47.9	95	—13	May 15	
Humphrey	30.0	23.8	38.5	44.0	55.5	64.9	69.4	66.1	63.4	51.7	33.6	30.4	47.6	93	— 6	May 29	Sept. 26
Hyndsville				45.7	57.5	68.2	71.5	66.0	62.6	50.2	33.6	27.2					Sept. 26
Ithaca	30.2	22.2	40.3	44.3	56.2	66.7	70.9	66.1	64.8	52.3	35.7	31.2	48.4	95	—14	May 29	Sept. 26
Jamestown (*f*)	31.9	24.5	41.3	46.7	58.2	67.8	71.6	66.5	64.5	52.4	35.7	30.9	49.3				
Lebanon Springs	24.1	20.5	37.4	44.6	55.9	66.0	70.0	64.7	62.7	49.8	32.7	26.7	46.3	94	—20	May 15	Sept. 26
Le Roy	28.1	21.1	38.1	44.4	55.8	67.6	69.6	64.8	62.6	50.8	33.0	30.1	47.2	94	— 9		Sept. 26
Lockport	28.9	21.8	39.2	45.2	55.5	67.1	70.6	66.3	64.8	52.4	34.5	31.5	48.2	93	—10		
Lowville	23.1	15.0	35.0	43.4	54.4	64.9	68.3	63.0	61.7	49.3	30.8	26.0	44.6	95	—30		Sept. 26
Lyons	31.0	22.8	39.7	46.1	56.6	68.3	71.8	66.0	65.6	52.8	37.6	35.0	49.4	94	— 3		
Madison Barracks	24.8	17.2	38.2	46.0	55.7	65.8	72.1	66.6	65.1	54.4	35.9	29.8	47.6	94	—24		
Malone	20.1	14.5	34.5	43.1	55.4	64.7	67.5	61.7	61.3	47.6	28.7	22.7	43.5	92	—21	May 15	Sept. 26
Marlboro										53.0	38.4	32.3					Sept. 25
Massena								64.8	65.1	46.8	34.0						
Middletown	28.9	[c]22.0	39.6	46.9	59.2	69.3	73.5		65.1	52.0	[e]37.4	30.4					Oct. 15
Minnewaska	26.9	20.7	36.5	44.1	56.5	67.4	70.8	65.9	63.5	48.4	31.3	27.2	46.6	90	—10		
Mount Morris	29.7	21.2	38.9	44.2	55.1	66.2	68.9	64.8	63.1	52.0	36.0	32.0	47.7	96	—17		Sept. 26
New Lisbon	25.8	18.0	35.9	42.2	54.1	63.8	67.2	61.8	61.0	47.9	31.8	26.1	44.6	92	—22	May 29	Sept. 26
*New York	34.6	29.6	44.5	49.6	60.8	70.6	76.1	72.8	69.8	57.2	42.2	36.8	53.7	96	1	Apr. 12†	Nov. 7
North Hammond	24.0	16.0	37.4	47.3	56.1	68.4	70.7	65.4	63.6	50.7	34.6	27.3	46.8	100	—22		
Number Four	21.5	14.2	32.9	40.9	53.0	62.5	64.9	60.0	58.8	46.7	28.3	22.6	42.2	90	—25	May 16	Sept. 26
Ogdensburg	20.5	15.4	36.5	46.7	56.6	65.8	71.0	64.9	63.7	51.8	33.4	27.2	46.1	97	—20		Sept. 26
Oneonta									64.9	52.3	36.4	30.6					
*Oswego	27.4	20.6	37.5	44.3	53.5	64.8	69.9	65.8	64.6	52.9	35.4	30.8	47.3	94	—11	May 29	Nov. 2
Oxford	27.4	21.5	36.8	44.5	57.7	66.9	70.3	64.3	63.0	49.6	33.6	27.2	46.9	96	—18	May 29	
Palermo	25.3	18.1	37.2	44.5	55.6	66.7	70.3	64.4	63.6	50.7	34.1	28.9	46.6	96	—21		Sept. 19
Perry City	27.5	19.5	37.3	42.3	55.1	66.2	69.6	64.1	63.1	49.8	33.3	28.3	46.3	95	—22	May 16	Sept. 26
Plattsburg Barracks	19.2	12.8	34.2	44.0	55.6	66.6	70.2	64.2	61.9	50.1	32.7	24.2	44.6	96	—22		

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
New York—Continued.																	
Port Jervis	28.8	22.8	39.1	47.0	60.0	68.7	72.7	68.1	65.1	51.6	36.0	29.6	49.1	94	—12	.....	.....
Potsdam (a)	18.4	15.3	34.5	43.7	55.6	66.0	.....	.....	62.9	47.3	31.2	26.8	.....	.....	.....	.....	.....
Poughkeepsie	27.8	21.3	35.9	47.3	58.9	68.1	72.8	67.9	65.4	51.7	36.3	29.2	48.6	98	—17	.....	.....
*Rochester	30.6	23.1	40.0	46.6	56.3	69.1	72.0	67.6	66.0	53.6	35.9	33.3	49.5	99	— 8	Apr. 12‡	Sept. 26
Rome	25.4	.....	.....	46.3	57.2	65.2	70.0	64.3	62.1	50.5	34.8	26.9	.....	.....	.....	.....	.....
Romulus	30.0	21.5	40.0	45.3	57.4	68.4	73.0	67.7	66.0	53.4	36.4	32.2	49.3	98	—11	.....	Sept. 26
Rondout	.....	22.5	39.2	46.8	57.2	.....	.....	65.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saranac Lake	19.9	13.4	32.9	41.7	55.3	64.8	66.3	60.7	60.0	46.5	27.6	21.0	42.5	91	—31	May 14	Sept. 25
Setauket	33.6	28.5	41.8	47.1	58.7	68.2	74.5	70.1	67.0	55.5	40.5	35.3	51.7	95	1	.....	.....
South Canisteo	28.6	21.7	38.4	42.9	56.1	65.8	69.6	64.3	62.6	50.1	34.5	30.3	47.1	94	—17	June 8	Sept. 26
South Kortright	25.6	20.5	35.7	42.3	55.6	63.2	67.1	63.2	60.9	47.4	32.1	25.6	44.9	93	—17	June 8	Sept. 26
Stillwater	23.5	18.3	38.0	48.0	60.4	69.6	73.6	67.6	64.9	51.8	34.5	25.2	48.0	99	—20	.....	.....
Turin	22.1	14.7	*32.3	43.5	53.0	62.9	66.2	61.2	60.4	48.4	29.0	24.3	43.2	89	—19	May 15	Sept. 26
Varysburg	30.0	21.6	38.8	43.6	55.5	66.6	69.8	65.3	64.7	51.5	33.6	30.2	47.6	97	—20	.....	Sept. 26
Wappingers Falls	28.5	20.6	39.4	47.7	61.0	70.8	75.2	69.5	66.4	52.5	36.3	28.9	49.7	98	—15	.....	.....
Watertown	25.3	21.2	.....	.....	.....	66.8	71.8	68.2	65.9	51.8	33.7	27.8	.....	.....	.....	.....	.....
Watkins	.....	.....	.....	.....	57.2	69.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waverly	30.4	24.1	40.4	44.5	57.8	68.4	72.4	66.5	64.8	52.4	35.7	30.4	49.0	102	—24	May 29	Sept. 26
Wedgewood	28.3	22.3	38.6	43.6	55.4	67.6	72.1	67.3	64.2	51.3	32.8	29.8	47.8	98	—15	May 29	Sept. 26
West Point	30.5	26.4	38.2	.....	60.8	70.6	75.8	71.0	68.2	*56.2	31.7	.....	.....	.....	.....	.....	.....
Willets Point	32.2	26.7	42.8	48.0	61.0	70.4	75.3	71.4	67.6	55.2	40.1	34.3	52.1	97	1	.....	.....
North Carolina.																	
Asheville	42.4	40.0	50.5	53.9	62.8	70.0	71.6	71.3	68.4	56.5	43.9	37.8	55.8	91	— 3	Apr. 13	Oct. 12
Auburn (a)	44.5	46.1	56.5	58.9	69.9	76.0	78.8	76.3	73.6	61.9	49.8	.....	.....	.....	.....	Mar. 30	Nov. 11
Bailey (a)	*42.9	44.1	55.8	58.6	67.5	75.8	*77.7	75.2	71.7	58.5	48.5	42.3	59.9	101	0	Apr. 11‡	Oct. 12‡
Bakersville	39.0	37.9	48.2	50.9	60.8	66.8	69.2	70.0	67.0	54.3	41.0	37.8	53.6	91	— 4	May 20	Oct. 6
Blowing Rock	35.6	33.6	45.2	45.5	55.3	62.8	65.6	69.2	64.0	54.6	38.6	37.4	50.6	83	— 8	May 20‡	Oct. 14‡
*Charlotte	44.7	44.9	56.6	59.6	69.4	76.2	76.8	75.9	72.9	61.0	48.5	43.8	60.9	96	2	Mar. 27	Nov. 7
Chapel Hill	42.6	43.0	55.7	58.0	69.4	74.8	79.2	75.5	72.8	59.2	46.8	41.9	59.9	104	8	Mar. 30‡	Nov. 6
Columbus	41.4	39.6	51.6	54.8	62.2	70.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Experiment farm	44.4	45.5	55.8	58.3	70.4	77.1	78.2	75.6	*72.4	60.4	48.4	43.5	60.8	97	9	Mar. 30‡	Nov. 7
Falkland (a)	46.8	49.0	57.1	60.5	72.5	77.8	79.5	75.9	73.6	61.0	47.9	44.2	62.2	98	10	Mar. 30‡	Nov. 7
Flat Rock	40.3	39.2	.....	53.0	61.6	69.2	71.0	70.4	66.8	53.4	44.0	39.2	.....	.....	.....	May 20‡	Oct. 12
Forest Hill (a)	41.3	40.3	49.8	55.8	63.6	69.7	69.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Goldsboro	.....	.....	.....	.....	72.6	77.6	78.8	76.2	74.9	63.8	50.2	.....	.....	.....	.....	.....	.....
Greensboro	.....	.....	.....	.....	70.2	79.5	79.0	76.8	73.2	61.6	49.3	.....	.....	.....	.....	.....	.....
*Hatteras	48.7	48.4	55.6	57.8	70.3	74.3	77.6	77.0	76.2	64.8	54.0	50.1	62.9	86	17	Mar. 28	Dec. 28
Henderson	42.8	43.0	55.4	57.2	69.2	76.2	78.6	75.6	73.2	59.4	45.6	41.4	59.8	99	8	Apr. 7	Nov. 7‡
Highlands	38.4	37.0	45.8	49.6	57.5	65.0	65.0	65.8	63.2	51.2	40.2	36.9	51.3	84	10	May 21	Oct. 12
Horse Cove	41.7	39.8	50.4	54.5	62.7	70.4	70.7	70.4	67.7	55.6	43.8	41.1	55.7	92	— 5	Apr. 7	Oct. 14
*Kitty Hawk	46.0	45.0	51.8	54.4	68.5	74.4	76.9	75.8	75.4	63.5	51.4	47.3	60.9	94	14	Mar. 28‡	Oct. 16
Lenoir (a)	41.3	40.7	52.0	56.1	64.4	72.1	73.7	72.9	69.4	56.3	44.2	38.7	56.8	91	— 1	Apr. 7	Oct. 12
Littleton	41.6	41.4	53.8	56.2	68.5	75.7	78.6	75.2	73.1	58.5	46.2	41.0	59.2	99	10	Apr. 2	Nov. 6
Louisburg	42.0	42.1	53.6	56.8	69.1	.....	78.2	74.4	72.8	*60.0	46.2	*40.8	.....	.....	10	Mar. 29‡	Nov. 7‡
Lumberton	.....	.....	.....	62.6	71.8	77.7	78.8	78.6	75.2	63.7	52.1	49.0	.....	.....	.....	.....	.....
Lynn (b)	.....	41.6	50.3	56.8	65.0	72.2	72.7	72.0	69.0	55.0	44.9	38.5	.....	95	6	May 20	Nov. 7
Marion	43.2	.....	52.4	54.4	64.3	72.0	.....	.....	.....	.....	45.1	40.4	.....	.....	.....	.....	.....
May (a)	46.1	48.0	58.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mocksville	44.8	44.3	56.0	58.1	66.7	74.2	75.5	74.0	72.2	60.2	48.4	44.4	59.9	94	6	Apr. 3	Oct. 15
Moncure	.....	.....	.....	.....	.....	.....	*78.2	75.0	72.0	59.4	46.5	41.8	.....	.....	.....	.....	.....
Morganton (a)	42.8	42.5	54.0	55.0	64.7	72.4	74.0	73.0	69.4	57.2	46.0	40.5	57.6	94	8	Apr. 13	Oct. 15
Mount Airy	[41.3	40.0	50.6	54.4	64.9	72.2	*74.8	72.9	70.3	56.4	43.7	39.2	56.7	97	5	Apr. 14‡	Oct. 12
Mount Pleasant	44.4	45.6	56.2	59.0	68.0	75.0	76.8	75.8	72.8	59.2	47.6	43.2	60.3	96	6	Apr. 13	Nov. 7
Newbern	46.4	46.6	54.2	56.3	70.6	76.5	78.6	77.2	75.9	65.9	53.7	47.8	62.5	94	14	Apr. 3‡	Nov. 7‡
Oak Ridge	41.3	40.8	53.6	57.5	68.4	75.5	76.8	75.6	71.2	58.3	45.4	40.6	58.8	98	3	Apr. 3	Oct. 15
Pittsboro	41.2	42.2	52.4	56.6	66.3	72.2	74.5	73.4	70.8	57.2	45.4	41.6	57.8	93	7	Apr. 14	Oct. 15
*Raleigh	43.6	45.0	56.0	58.4	69.6	75.8	77.4	75.4	73.0	60.8	48.3	43.0	60.6	97	10	Mar. 28	Nov. 11
Raleigh (a)[1]	45.2	46.6	57.8	60.8	70.8	77.3	78.2	76.6	74.5	62.8	49.7	45.5	62.2	100	10	Mar. 30‡	Nov. 7
Rockingham	45.1	46.4	57.9	63.6	[72.0]	77.2	78.8	77.4	74.8	61.3	50.4	47.2	[62.7]	100	9	Apr. 13	Nov. 7
Roxboro	42.2	42.4	54.0	57.8	69.0	75.6	*76.8	74.3	*71.4	58.4	47.6	.....	.....	.....	.....	.....	.....
Rutherford College (a)	36.6	37.9	49.5	52.3	59.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salisbury	45.0	45.1	56.2	59.9	70.7	77.5	78.6	76.5	73.4	61.4	49.4	45.1	61.6	93	13	Apr. 11	Oct. 15
Saxon	40.4	39.8	52.4	56.4	66.9	75.0	77.4	75.8	71.6	55.8	43.8	39.1	57.9	102	4	Apr. 6	Oct. 14
Selma	[43.0	45.6	56.2	58.8	70.2	75.9	77.5	76.2	73.4	*61.4	*48.6	44.4	60.9	95	10	Apr. 7	Nov. 7
Shelby	42.3	42.2	52.8	58.0	67.2	74.6	76.8	74.5	70.8	.....	44.5	42.2	.....	.....	.....	.....	.....
Skyuka	.....	.....	.....	.....	.....	.....	68.8	67.1	67.0	59.8	47.4	41.0	.....	.....	.....	.....	.....
Sloan	48.6	50.9	58.5	61.0	70.4	76.0	77.8	77.5	75.0	63.8	52.2	47.9	63.3	97	17	Mar. 31‡	Nov. 7
Smithfield	[43.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soapstone Mount	42.4	44.3	53.4	57.2	67.0	73.7	76.4	75.0	70.9	57.2	45.7	42.4	58.8	99	1	Apr. 7	Oct. 15
Southern Pines	45.7	47.0	58.7	61.6	71.2	77.7	78.1	77.2	74.8	62.6	51.0	46.5	62.7	99	.....	Mar. 30	Nov. 7
*Southport	48.8	48.8	56.3	60.0	69.2	73.4	76.8	77.8	§75.5	.....	.....	.....	.....	.....	.....	Mar. 30	.....
Southport[2]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.6	49.4	.....	.....	.....	.....	.....
Tarboro	45.6	46.8	57.2	59.1	71.3	77.2	79.3	77.1	74.9	62.0	49.1	45.0	62.0	100	11	Apr. 3	Oct. 13
Washington	46.7	48.4	57.8	59.3	71.8	.....	79.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waynesville	.....	.....	.....	.....	61.2	67.7	69.6	68.8	66.7	53.4	43.2	39.2	.....	.....	.....	.....	.....
Weldon	42.8	43.4	54.3	56.1	69.4	76.2	79.3	75.6	73.6	59.6	47.6	42.3	60.0	96	12	Apr. 7	Oct. 15
Willeyton	43.7	44.7	55.0	56.7	68.8	74.3	77.1	73.8	73.0	60.0	48.2	43.4	59.9	95	11	Apr. 3‡	Oct. 15
*Wilmington	49.6	50.6	59.6	61.0	70.5	75.4	77.6	78.1	75.9	65.2	54.1	49.0	63.9	95	14	Mar. 31	Nov. 7
North Dakota.																	
Ashley	1.0	6.3	25.7	42.1	54.5	66.3	*69.4	*69.8	57.6	43.5	24.2	22.0	40.2	100	—39	June 6‡	.....
Berlin	0.4	9.3	26.5	42.4	53.8	68.5	70.1	68.8	56.3	41.0	23.9	20.1	40.1	103	—36	May 19	.....
*Bismarck	3.2	10.3	26.4	43.6	55.4	68.2	74.2	71.7	57.9	45.0	28.0	22.6	42.2	101	—33	May 3	Sept. 17
Bottineau	—2.7	4.7	.....	41.5	52.7	66.4	70.6	60.0	53.7	42.0	20.4	14.8	.....	96	—37	June 5	.....
Churchs Ferry	—2.8	6.4	22.6	41.4	54.4	70.4	71.0	68.9	55.2	42.2	22.3	15.5	38.8	100	—34	June 5‡	.....
Devils Lake	.....	5.0	21.2	39.7	52.9	67.8	*71.4	.....	.....	.....	.....	.....	.....	.....	.....	May 8	.....

[1] T. C. Harris. [2] S. G. Stevens. ‡ All data for 27 days; station closed September 27, 1894.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894.—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
North Dakota—Continued.																	
Dickinson	5.0	9.5	22.5	44.2	55.3	.....	.....	68.4	52.4	41.8	25.4	20.2	.....	.....	—29	.....	.....
Ellendale	.....	.....	.....	.....	.....	.....	.....	70.6	57.0	44.9	25.8	22.9	.....	.....	.....	.....	Sept. 11
Fargo	—2.6	6.2	26.4	42.3	55.2	69.0	69.8	67.1	58.2	43.6	22.1	19.4	39.7	99	—38	May 19‡	.....
Forman	3.1	10.6	30.5	44.0	56.2	72.1	72.6	70.0	59.0	43.8	23.4	21.0	.....	104	—35	May 27	Sept. 10
Fort Berthold	5.4	8.1	30.2	47.7	58.1	70.9	73.8	74.0	59.0	46.2	28.3	23.9	43.8	101	—41	May 3	Sept. 16
Fort Stevenson	1.6	7.0	24.4	44.0	55.0	68.8	73.0	71.4	.....	.....	.....	.....	.....	.....	.....	May 10‡	.....
Fort Yates	4.3	9.4	28.2	45.4	57.0	69.8	75.0	72.4	60.9	43.7	29.5	22.8	43.2	104	—31	May 7‡	Sept. 16
Gallatin	—2.6	6.9	25.3	41.6	53.6	68.9	70.8	68.1	56.9	42.2	21.3	18.6	39.3	104	—42	May 27	Sept. 10
Grafton	—2.8	7.0	24.0	41.1	52.1	68.6	69.5	66.7	56.4	41.6	21.0	14.9	38.3	100	—34	May 29	.....
Jamestown	3.4	11.0	27.2	43.0	55.0	69.9	73.3	71.4	59.2	46.0	26.4	24.3	42.5	98	—30	May 19	Sept. 17
Kelso	0.6	10.4	27.9	43.0	55.0	67.8	70.8	69.0	57.4	[e]42.6	18.2	16.3	39.9	103	—34	June 6‡	.....
Lakota	.....	.....	.....	40.6	52.7	68.4	70.0	67.5	54.8	41.5	20.1	16.5	.....	.....	.....	June 4‡	Sept. 15
Larimore	[c]0.9	.....	[d]25.7	[c]36.9	53.3	.....	.....	.....	[b]57.4	45.2	26.7	23.6	.....	.....	.....	May 18‡	Sept. 24
Lemert	—1.2	7.9	24.5	41.0	[c]58.4	69.3	[f]73.8	.....	.....	41.6	23.3	19.2	.....	.....	.....	June 5‡	.....
McKinney	—1.4	6.0	21.3	42.1	53.9	70.1	72.8	73.6	53.6	42.0	24.2	16.3	39.5	100	—38	June 5	Sept. 17
Milton	—8.0	[b]3.9	[b]19.8	[b]38.8	[b]52.9	69.2	70.7	[f]66.4	[g]57.5	[g]41.0	[d]19.6	13.0	39.5	98	—39	May 18‡	.....
Minto	—1.5	8.2	25.0	42.2	53.8	71.1	72.1	68.4	60.0	[i]43.0	22.0	[c]16.9	40.1	103	—35	May 27‡	.....
Napoleon	1.9	7.4	25.4	42.5	55.3	69.1	73.4	70.2	57.0	43.2	24.8	22.4	41.0	104	—33	May 19‡	Sept. 17
New England	.....	.....	.....	.....	55.5	66.6	71.4	.....	.....	.....	.....	23.5	.....	.....	.....	.....	.....
New Salem	9.0	12.5	27.5	43.9	55.2	67.2	75.5	69.2	54.8	44.5	.....	.....	.....	.....	.....	May 18‡	Sept. 16
Oakdale	[d]13.5	12.8	26.0	44.2	[c]55.2	65.4	71.8	69.0	56.8	[d]45.4	28.8	23.3	42.7	98	—31	May 1‡	.....
Portal	—0.5	5.3	[d]24.8	45.9	55.3	69.4	72.0	70.3	52.6	39.9	21.8	14.6	39.3	107	—36	June 5	Sept. 10
Power	—2.8	[c]10.2	28.2	43.7	57.6	73.0	75.2	71.3	58.8	46.2	20.3	20.8	42.6	107	—33	May 18‡	Sept. 16
St. John	—0.7	7.8	19.8	38.3	51.5	67.0	70.4	67.9	53.3	41.0	19.9	17.6	37.8	96	—34	May 26‡	.....
Sheyenne	—0.9	8.7	25.5	42.9	54.9	70.4	.....	.....	.....	.....	.....	17.6	.....	.....	.....	June 5‡	.....
Steele	.....	.....	.....	.....	54.3	68.2	72.5	70.2	.....	43.7	24.6	20.4	.....	.....	.....	May 2	Sept. 9
University	0.2	9.9	26.1	44.8	53.0	67.8	69.6	66.6	55.5	43.7	23.8	20.2	40.1	98	—30	May 19	Sept. 17
Valley City	0.4	9.8	27.6	43.4	55.7	.....	.....	.....	.....	44.2	24.8	21.2	.....	.....	.....	May 18	.....
Wahpeton	5.9	11.4	30.0	44.8	57.9	70.3	72.3	69.5	60.1	46.4	25.1	24.1	43.2	105	—30	May 19‡	Sept. 7
Washburn	3.1	10.5	26.2	.....	.....	.....	.....	.....	.....	.....	.....	19.8	.....	.....	.....	.....	.....
White Earth (*a*)	.....	.....	.....	.....	.....	.....	.....	68.3	52.2	41.0	24.1	15.0	.....	.....	.....	.....	Sept. 30
Wild Rice (*b*)	—1.1	7.2	25.6	42.0	56.7	70.8	72.6	68.8	57.6	41.0	22.0	18.2	40.1	87	—32	.....	Sept. 11
Williamsport	1.6	.....	.....	43.3	55.5	68.2	74.2	.....	.....	.....	.....	.....	.....	.....	.....	June 5	.....
*Williston	1.1	7.1	23.8	45.6	54.8	66.0	71.5	70.8	54.4	43.5	28.4	18.0	40.4	100	—36	(‡)	Sept. 10
Willow City	—3.5	4.5	19.7	40.9	53.2	66.5	70.1	67.6	.....	.....	.....	12.8	.....	.....	.....	June 5‡	.....
Woodbridge	—4.5	2.6	17.9	38.5	50.8	65.8	67.2	64.6	53.1	40.2	19.1	13.3	35.7	97	—38	June 5‡	.....
Ohio.																	
Akron	33.2	27.6	44.3	48.8	58.6	70.1	74.0	70.5	67.4	53.5	36.7	33.3	51.2	97	— 4	Apr. 12	Oct. 15
Annapolis	32.4	28.6	44.8	48.5	.....	69.4	73.3	70.6	68.2	53.4	36.0	32.1	.....	100	— 9	Apr. 25	Oct. 7
Ashland	32.2	26.4	43.4	51.0	60.8	72.4	72.8	68.5	65.7	51.5	34.4	31.3	50.9	94	— 8	Apr. 9	Sept. 25
Athens	37.2	32.3	47.1	52.3	62.8	72.0	74.4	72.3	69.1	54.1	39.8	[d]38.0	54.3	97	—12	Apr. 12	Oct. 9
Auburn	30.2	24.4	41.7	45.4	57.4	66.3	69.8	66.2	64.9	51.5	33.0	30.7	48.5	94	—13	June 6	Sept. 26
Bangorville	31.7	26.1	43.1	49.2	58.1	70.6	73.4	70.3	66.6	52.3	31.5	31.1	50.3	96	—11	.....	.....
Bellefontaine	[f]31.6	28.5	[c]47.6	52.9	59.9	71.9	76.8	70.6	68.2	55.4	37.8	34.9	53.0	98	—10	Apr. 24	Oct. 10
Bement (*a*)	29.3	23.4	40.2	45.4	56.5	68.3	73.2	67.2	65.2	50.9	33.4	30.0	48.6	.....	.....	.....	.....
Benton Ridge	33.1	27.6	45.0	51.1	60.6	73.4	76.7	69.7	64.2	53.8	36.9	34.1	52.2	102	— 8	June 6	Sept. 25
Bethany	34.6	31.2	46.0	51.8	60.1	72.2	75.9	74.0	69.2	55.1	39.4	35.1	53.7	100	— 7	Apr. 23	Oct. 6
Big Prairie	33.2	26.3	44.5	49.1	58.5	68.9	[g]72.3	.....	.....	.....	35.5	33.0	.....	.....	— 7	Apr. 24	Oct. 13
Binola	34.3	28.2	45.2	50.9	62.6	73.8	78.0	72.5	69.1	54.7	37.3	34.5	53.4	100	— 8	June 6	Oct. 15
Bissells	30.5	25.3	42.4	48.6	58.7	67.9	71.4	69.5	66.6	52.6	34.9	31.2	50.0	97	— 8	Apr. 25	Oct. 15
Bladensburg	32.4	28.0	43.5	49.9	58.3	69.7	72.6	69.7	66.9	52.5	36.2	31.7	51.0	98	— 9	Apr. 26	Oct. 14
Bloomingburg	35.7	30.5	48.0	52.3	60.5	71.5	75.0	72.6	68.0	54.4	39.4	35.6	53.6	99	— 7	Apr. 12	Oct. 10
Bowling Green	30.8	25.0	43.1	49.1	58.3	71.1	75.4	70.6	67.1	52.8	35.0	33.0	50.9	104	—11	June 6	Sept. 25
Bucyrus	31.6	27.2	43.0	50.5	59.6	70.1	75.4	71.1	66.9	53.8	36.4	33.7	51.6	100	—12	Apr. 11	Oct. 14
Cambridge	33.2	28.6	43.9	49.3	58.5	69.2	72.4	69.9	67.0	50.6	36.3	32.5	50.9	99	—12	Apr. 25	Oct. 9
Camp Denison	.....	.....	.....	53.1	62.9	73.7	76.7	76.0	70.7	55.7	39.3	35.8	.....	102	.....	Apr. 6	Oct. 15
Canal Dover	32.3	27.3	46.1	49.1	59.7	69.2	73.2	72.8	[c]64.1	49.6	[c]37.4	33.1	51.2	100	—10	May 29	Oct. 14
Canton	33.5	27.6	43.7	50.0	59.5	70.6	73.7	70.3	67.9	54.7	37.5	33.9	51.9	96	— 8	Apr. 12	Oct. 15
Cardington	32.5	27.0	43.3	49.2	58.5	69.0	71.7	66.9	67.4	52.5	.....	31.8	.....	.....	.....	Apr. 25	Sept. 24
Carrollton	34.0	27.9	45.0	49.4	59.3	69.5	73.3	71.3	68.5	53.6	36.8	32.0	51.7	102	—13	Apr. 25	Oct. 9
Cedarville	.....	.....	.....	55.3	62.6	75.2	.....	75.1	.....	59.7	.....	.....	.....	.....	.....	.....	Oct. 15
Celina	37.6	31.1	47.3	53.6	60.5	72.8	75.7	72.7	68.5	56.5	43.1	40.8	55.0	98	— 4	Apr. 13	Oct. 14
Cherry Fork	35.7	31.9	46.3	52.6	62.7	74.0	75.3	73.8	69.2	53.5	38.7	34.8	54.0	102	0	May 20	Oct. 9
*Cincinnati	37.7	32.9	48.6	54.2	63.0	74.8	77.3	76.7	71.6	57.4	41.4	37.5	56.1	96	— 4	Mar. 26	Oct. 10
Clarksville	35.2	30.6	46.2	52.0	60.9	72.1	74.5	73.5	69.0	55.2	38.4	39.8	54.0	98	— 9	Apr. 9	Oct. 10
*Cleveland	32.5	26.2	42.3	47.2	58.0	69.1	73.2	68.6	67.0	53.9	37.5	34.2	50.8	92	0	(‡)	(‡)
Cleveland[1]	33.8	27.8	44.0	48.2	58.6	69.8	73.1	68.8	66.9	54.2	38.3	35.4	51.6	93	0	June 6	Oct. 15
Clifton	.....	.....	.....	51.3	60.0	72.1	75.6	.....	68.1	54.5	37.0	33.3	.....	.....	.....	Apr. 13	Sept. 25
Coalton	35.9	33.8	46.5	51.0	61.8	70.7	72.8	71.0	68.0	52.9	39.0	33.7	53.1	100	—27	Apr. 26	Sept. 25
*Columbus	34.7	29.4	46.2	51.5	60.6	72.4	75.6	72.2	69.1	54.8	39.0	34.6	53.3	97	— 4	Apr. 9‡	Oct. 15
Cynthiana	37.1	35.1	.....	.....	63.1	72.5	74.7	73.4	69.1	56.8	40.4	36.1	.....	98	— 4	.....	.....
Dayton	35.8	30.7	47.4	53.3	62.5	74.4	76.7	74.3	70.3	56.1	40.7	[i]34.2	54.7	99	— 6	.....	.....
Defiance	32.7	26.9	44.7	51.2	58.5	70.3	73.0	69.4	65.9	51.3	35.1	33.1	51.0	97	— 5	.....	.....
Demos	34.9	30.5	46.3	50.2	60.6	70.5	74.1	72.4	69.3	55.6	37.3	33.9	53.0	95	—10	Apr. 12	Oct. 15
Dupont	32.7	27.2	44.5	50.5	58.9	71.4	72.6	68.9	66.0	52.7	35.7	32.4	51.1	97	— 5	June 6	Sept. 24
Ellsworth	30.7	26.3	43.0	48.0	58.5	68.1	71.2	69.3	66.2	52.8	35.7	31.6	50.1	95	— 6	Apr. 25	Oct. 15
Elyria	33.4	27.1	44.1	48.6	59.0	70.7	74.4	70.3	67.0	54.1	36.7	33.1	51.5	102	— 2	.....	Sept. 26
Fairport Harbor (*h*)	.....	27.2	42.2	45.3	57.4	68.2	72.7	69.0	65.8	54.0	39.0	35.0	.....	.....	.....	.....	.....
Fayetteville	.....	.....	.....	.....	.....	72.7	75.3	73.5	69.2	54.4	38.9	35.3	.....	.....	.....	.....	Oct. 6
Findlay	31.9	26.5	43.7	49.6	58.3	70.9	73.6	69.6	66.9	52.9	37.3	33.5	51.2	97	— 8	May 31	Oct. 15
Fostoria	32.6	26.9	43.9	50.8	58.5	71.7	75.2	70.8	67.2	54.0	36.6	33.9	51.8	99	— 6	Apr. 11	Sept. 1
Frankfort	36.0	32.0	[f]46.2	51.7	61.9	74.1	77.4	74.2	70.6	57.2	.....	34.4	.....	97	.....	Apr. 14	Oct. 7
Garrettsville	30.4	24.1	40.7	47.1	57.0	66.7	70.5	67.5	64.6	50.3	34.9	31.1	48.7	97	—14	May 29	Sept. 26
Georgetown	37.5	34.0	48.4	54.4	[b]63.4	74.1	78.4	76.7	71.6	58.3	40.0	36.3	56.1	101	— 6	Apr. 7	Oct. 15
Granville	32.7	28.6	.....	50.2	59.0	70.4	73.9	70.3	67.5	53.2	37.1	32.9	.....	.....	.....	Apr. 14	Oct. 15
Gratiot	34.7	30.1	45.7	50.5	60.2	70.1	73.4	70.5	68.5	54.4	38.4	33.8	52.5	97	—11	Apr. 13	Oct. 6
Greenfield	37.5	31.4	46.6	54.7	60.8	73.7	76.4	72.4	68.3	55.2	44.1	.....	.....	97	.....	Apr. 11	Oct. 15

[1] G. A. Hyde.

‡ None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC.; 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Ohio—Continued.																	
Green Hill	31.4	26.5	42.6	47.7	58.2	68.3	71.9	70.1	66.6	51.0	34.8	30.7	50.0	102	—18	May 29	Oct. 12
Greenville	33.1	26.6	44.8	50.6	58.8	70.4	72.8	70.1	66.5	52.8	37.3	34.1	51.5	92	— 8	Apr. 31	Oct. 15
Guyaville	36.2	33.3	41.4	51.3	61.1	69.9	73.6	71.9	69.5	55.9	39.4	33.7	53.1	98	—14	Apr. 14	.....
Hackney	34.4	31.5	46.3	50.3	60.2	71.5	74.7	72.9	69.2	53.3	37.4	33.9	53.0	99	—10	Apr. 12	Oct. 8
Hanging Rock	37.2	36.2	47.9	53.2	63.8	72.7	74.9	73.9	70.2	55.0	41.8	36.7	55.3	98	— 8	Apr. 14	Oct. 9
Harbor	32.5	26.2	41.1	46.9	58.2	67.4	71.4	68.3	66.5	54.1	38.3	33.9	50.4	92	— 1	Apr. 13	Nov. 9
Hedges	31.2	22.2	44.2	51.0	57.9	73.6	75.7	71.0	66.8	53.3	34.6	31.7	51.1	105	— 7	June 7	Oct. 1
Hillhouse	30.5	†25.4	41.4	45.6	57.0	67.6	71.9	68.0	65.5	52.1	35.8	32.0	49.4	98	— 6	June 6	Oct. 15
Hillsboro	37.0	32.8	47.4	52.7	62.0	73.2	75.3	74.4	69.8	56.5	38.7	34.7	54.5	103	— 8	Apr. 14	Oct. 6
Hiram	30.2	24.2	41.3	47.2	58.0	69.0	72.6	70.2	66.1	53.1	35.3	31.0	49.8	96	— 8	Apr. 14	Oct. 14
Jacksonboro	30.6	30.1	46.0	53.2	60.3	73.9	77.1	76.3	71.5	57.3	38.6	35.6	54.2	102	— 8	May 20	Oct. 14
Kenton	33.7	28.9	47.0	52.6	60.2	71.9	74.8	71.9	68.2	54.2	37.7	34.8	53.0	100	— 8	May 21	Sept. 25
Kilbourne	32.4	28.2	43.9	48.3	58.1	68.2	74.1	69.3	66.5	53.1	36.6	33.2	51.0	95	—19	Apr. 25	Sept. 25
Killbuck	32.5	28.6	44.0	50.6	59.8	71.5	75.4	74.1	67.2	53.2	36.8	32.4	52.2	102	— 7	Apr. 12	Oct. 15
Leipsic	.....	29.0	43.5	50.1	58.2	.....	.....	71.7	.....	53.6	.....	.....	.....	.....	.....	Apr. 13	Oct. 14
Levering	31.8	25.5	42.0	48.2	58.0	68.2	70.9	67.0	64.7	49.8	34.0	30.5	49.2	100	—19	May 29	Sept. 26
Logan	36.4	31.9	46.6	53.1	63.1	73.3	75.4	72.7	69.5	52.6	39.0	34.8	54.0	100	—10	Apr. 14	Oct. 15
Lordstown	31.5	26.6	42.2	47.5	58.3	66.8	69.8	67.2	64.1	51.2	35.1	31.5	49.3	96	— 9	Apr. 26	Sept. 26
Lowell	36.1	32.9	47.5	48.3	58.8	72.9	76.3	74.8	69.6	52.3	37.2	32.7	53.3	104	—20	Apr. 14	Oct. 8
McArthur	35.8	32.9	46.2	51.5	62.2	71.4	74.0	72.1	69.3	55.6	39.5	34.2	53.7	98	—10	Apr. 13	Sept. 26
McConnelsville	35.6	31.7	46.4	51.0	60.6	71.2	74.3	72.3	69.0	54.6	38.7	34.6	53.3	100	— 7	Apr. 13	Oct. 9
Marietta	39.5	37.5	50.1	54.4	64.1	†70.1	76.5	73.2	68.0	53.7	38.1	36.0	55.1	101	— 4	Apr. 9	Oct. 14
Marion	33.0	27.7	45.0	50.1	59.9	71.4	73.9	70.8	67.8	54.4	37.3	34.3	52.1	99	— 9	Apr. 13	Oct. 14
Milfordton	31.1	27.2	42.3	48.1	57.1	69.4	72.4	69.7	65.8	52.1	34.8	31.7	50.1	100	— 9	Apr. 25	Oct. 7
Milligan	34.9	31.1	45.6	51.0	61.1	71.5	72.9	71.3	67.7	55.1	38.5	33.1	52.8	101	—18	Apr. 26	Sept. 25
Millport	33.3	28.0	48.4	53.3	.....	72.8	76.1	.....	.....	55.9	.....	31.4	.....	.....	.....	Apr. 8	Oct. 14
Montpelier	29.7	23.4	41.1	49.4	56.8	71.0	73.5	69.7	64.5	49.7	33.9	32.2	49.6	102	— 6	Apr. 13	Sept. 24
Napoleon	31.0	25.6	43.0	49.9	59.5	73.5	.....	72.8	68.9	54.2	36.3	33.4	.....	.....	.....	Apr. 13	Sept. 25
Nelsonville	39.8	33.0	48.0	†55.6	64.7	72.4	75.4	72.9	*64.8	.....	.....	.....	.....	.....	.....	.....	.....
New Alexandria	34.0	29.4	45.9	50.0	60.5	70.4	74.6	72.8	69.0	55.3	38.0	33.9	52.8	98	— 6	Apr. 12	Oct. 14
New Berlin	31.2	26.4	43.3	48.6	58.5	70.4	74.8	71.5	67.2	52.5	34.8	31.6	50.9	101	—10	Apr. 25	Oct. 12
New Bremen	32.3	26.0	45.2	50.4	59.2	71.4	74.9	72.0	66.9	53.5	37.7	33.8	51.9	100	— 9	Apr. 13	Sept. 25
New Comerstown	33.3	28.4	44.4	49.9	57.8	*74.0	73.2	70.3	67.3	52.7	36.7	32.5	51.7	98	—19	Apr. 25	Oct. 15
New Holland	34.2	.....	45.9	50.4	60.1	71.7	74.8	71.9	68.3	53.8	37.8	34.1	.....	102	.....	Apr. 14	Sept. 25
New Paris	33.4	27.7	44.5	55.1	59.3	79.4	74.9	74.6	70.2	.....	.....	.....	.....	.....	.....	June 7	Sept. 25
New Waterford	.....	.....	.....	.....	.....	.....	.....	67.6	65.5	54.0	37.7	32.2	.....	.....	.....	.....	Sept. 26
North Fairfield (*a*)	.....	.....	.....	.....	.....	70.8	73.5	69.2	.....	55.0	.....	.....	.....	.....	.....	June 6	Oct. 16
North Lewisburg	32.4	28.0	45.7	51.6	60.9	72.8	75.4	71.2	68.2	55.2	37.0	34.3	52.7	99	— 9	Apr. 13	Oct. 7
North Royalton	.....	25.6	43.0	47.9	58.1	69.3	73.4	71.2	68.2	52.8	36.2	32.3	.....	.....	.....	Apr. 25	Oct. 15
Northwood	34.5	.....	46.8	51.1	59.8	71.8	74.8	72.3	69.3	.....	38.6	35.6	.....	.....	.....	Apr. 25	Oct. 10
Norwalk	.....	.....	44.0	49.0	59.7	70.6	.....	69.2	68.6	52.5	37.0	32.7	.....	.....	.....	June 6	Oct. 15
Oberlin	32.6	27.5	44.0	49.3	59.4	71.0	74.0	71.1	.....	†53.2	35.7	.....	.....	.....	.....	June 6	Oct. 15
Ohio State University	33.8	29.3	45.1	51.0	58.9	71.1	74.4	70.6	68.3	53.5	38.5	34.2	52.4	98	— 6	Apr. 11	Oct. 15
Orangeville	31.2	25.1	41.8	47.7	59.6	67.9	71.6	69.0	65.5	51.1	35.2	*32.8	49.9	96	—14	May 29	Oct. 12
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	52.4	36.9	34.2	.....	.....	.....	.....	Oct. 14
Pataskala	33.4	29.0	44.6	50.4	59.8	70.7	73.9	70.5	67.7	52.7	37.1	32.8	51.9	99	— 7	Apr. 13	Oct. 12
Peoli	.....	.....	.....	51.1	60.3	70.8	.....	†73.0	69.9	.....	.....	30.8	.....	.....	.....	Apr. 25	.....
Plattsburg	33.7	28.9	45.2	51.3	59.8	71.7	74.2	71.4	68.0	54.4	38.3	34.1	52.6	98	— 8	Apr. 13	Sept. 25
Point Marblehead (*h*)	.....	.....	44.0	49.4	61.2	72.6	76.6	72.2	69.6	56.8	40.8	36.1	.....	.....	.....	.....	.....
Pomeroy	36.2	34.0	*46.2	51.6	63.1	72.3	75.9	73.0	69.4	54.5	39.7	35.3	54.3	99	—12	Apr. 14	Oct. 9
Portsmouth	40.4	37.0	50.9	57.3	67.2	77.2	78.6	74.4	69.6	55.5	43.1	38.3	57.5	103	— 1	Apr. 3	Oct. 12
Ridge	34.3	29.0	.....	.....	.....	.....	76.3	73.1	68.9	51.9	.....	.....	.....	.....	.....	.....	Oct. 9
Ridgeville Corners	31.1	24.8	43.6	49.3	58.2	71.0	73.2	70.3	66.5	52.4	35.6	33.4	50.8	99	— 5	Apr. 12	Sept. 26
Ripley	36.7	32.9	47.6	53.1	63.0	74.0	76.8	74.5	70.2	55.4	40.3	36.4	55.1	99	— 6	May 20	Oct. 9
Rittman	31.3	25.3	42.2	47.5	57.1	67.6	70.9	67.2	63.7	51.4	35.3	31.0	49.2	100	—10	May 29	Oct. 15
Rocky Ridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.5	38.3	34.8	.....	.....	.....	.....	Sept. 26
Rosewood	.....	.....	.....	.....	59.0	70.4	73.4	70.1	66.6	52.6	36.7	33.3	.....	.....	.....	.....	Oct. 1
*Sandusky	32.6	26.6	43.2	48.2	58.3	71.1	75.2	70.8	67.6	54.0	37.2	34.4	51.6	94	— 1	Apr. 13	Oct. 15
Sharon Center	34.3	28.1	48.3	50.2	63.8	.....	.....	.....	.....	58.9	.....	.....	.....	.....	.....	Apr. 25	Oct. 15
Shenandoah	31.9	26.3	43.0	48.7	58.4	69.5	73.3	70.2	66.7	52.5	34.8	32.5	50.6	100	— 9	June 6	Oct. 14
Sidney	.....	.....	.....	50.0	59.2	.....	.....	70.8	67.2	54.4	35.9	33.3	.....	.....	.....	Apr. 13	Oct. 14
Spring Valley	27.1	26.8	47.8	55.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 13	.....
Swanton	.....	.....	.....	.....	.....	.....	.....	.....	65.5	52.1	36.4	34.2	.....	.....	.....	.....	Sept. 25
Sylvania	29.5	24.0	40.6	47.6	57.8	.....	72.8	68.2	64.1	50.4	33.7	31.5	.....	.....	— 8	Apr. 25	Sept. 24
Thurman	37.4	34.0	48.1	55.0	64.0	74.0	76.4	73.3	71.0	55.4	40.5	35.8	55.4	101	— 8	Apr. 14	Oct. 8
Tiffin	33.4	27.2	44.8	50.1	58.9	71.6	75.0	70.0	67.3	53.9	36.8	35.1	52.0	97	— 3	June 6	Oct. 1
*Toledo	31.9	25.7	42.8	48.8	58.0	71.9	74.8	70.2	66.8	52.8	36.1	33.7	51.1	96	— 3	Apr. 9†	Oct. 15
Upper Sandusky	32.7	27.2	.....	.....	60.5	72.3	76.1	71.5	70.2	58.7	42.8	34.8	.....	98	— 5	June 6	Oct. 1
Vanceburg ‡	38.2	37.6	48.1	54.2	62.8	72.8	75.1	74.0	70.8	55.5	41.9	36.8	55.6	96	— 4	Apr. 14	Oct. 15
Van Wert	31.1	25.4	44.4	50.1	58.1	70.7	73.7	71.7	65.4	51.9	35.5	33.4	51.0	100	— 7	Apr. 13	Oct. 1
Vermilion	31.7	26.3	42.5	48.0	58.0	69.0	72.7	69.5	66.1	53.1	36.1	33.4	50.5	97	— 3	June 6	Oct. 15
Vickery	32.3	25.8	43.1	48.8	58.9	70.0	73.6	69.3	66.2	53.0	36.6	34.6	51.0	97	— 4	June 6	Oct. 14
Warren	32.7	27.5	43.0	48.4	59.0	68.2	72.8	69.0	66.8	52.6	36.3	32.7	50.8	100	—10	May 29	Sept. 26
Warsaw	.....	.....	.....	.....	.....	.....	.....	70.1	67.4	52.2	35.2	31.8	.....	.....	.....	.....	Sept. 26
Wauseon	30.5	24.6	43.0	49.5	57.8	71.8	74.5	70.7	66.7	51.7	35.0	33.3	50.8	100	— 7	May 28	Sept. 25
Waverly	36.4	33.3	48.2	53.5	64.4	74.1	76.4	73.7	70.9	55.7	40.5	35.8	55.2	100	— 6	Apr. 14	Oct. 6
Wellington	32.7	27.4	43.9	49.0	59.5	72.5	74.5	71.5	68.4	54.5	37.3	35.1	52.2	99	— 5	June 6	Sept. 26
Westerville	34.3	29.9	45.2	51.2	59.4	70.1	.....	68.9	66.4	53.1	38.2	34.6	.....	.....	— 4	Apr. 13	Oct. 15
Weymouth	31.9	25.9	42.8	47.5	58.2	68.8	71.8	68.8	66.3	51.5	35.2	32.4	50.1	100	— 9	June 6	Oct. 12
Wheeler (*b*)	.....	24.0	39.8	46.6	56.0	67.3	72.1	69.2	68.6	49.8	.....	.....	.....	.....	.....	.....	Oct. 18
Wooster	32.8	26.7	43.5	50.5	57.5	67.9	71.4	69.2	66.1	52.3	36.5	32.9	50.6	98	— 7	Apr. 13	Oct. 7
Youngstown	31.2	25.6	43.4	48.9	59.4	70.3	73.5	68.6	66.5	52.2	36.5	32.0	50.7	99	— 8	Apr. 14	Oct. 7
Oklahoma.																	
Alva	.....	.....	.....	*63.3	70.0	77.8	85.6	81.6	74.8	64.5	46.8	38.8	.....	.....	.....	.....	Oct. 8
Anadarko	38.6	35.4	54.5	64.8	70.9	79.4	82.8	78.4	76.6	64.7	53.3	43.2	61.9	114	— 6	Mar. 29†	Oct. 31
Arapaho	36.4	32.0	51.4	61.9	68.3	76.7	79.2	77.6	72.9	61.6	47.0	39.0	58.7	107	— 6	Mar. 30†	Oct. 8
Buffalo	44.8	35.7	52.2	61.4	61.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 4†	.....

‡ Post-office, Vanceburg, Ky.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Oklahoma—Continued.																	
Burnett	37.9	36.6	53.9	63.6	68.0	75.0	79.8	79.0	75.8	64.5	52.6	44.0	60.9	108	—12	Apr. 10†	Oct. 9
Clifton	[d]35.2	35.3	53.8	63.4	69.9	77.8	81.2	80.2	77.5	63.2	48.7	40.9	60.6	110	—15	Mar. 29	Oct. 9
Cloud Chief	.....	.....	.....	.....	.....	.....	85.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enid	.....	32.2	50.7	64.0	69.2	79.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mar. 30†	.....
Fort Reno	.....	38.8	49.6	59.8	68.0	76.6	80.6	78.6	74.1	64.2	48.0	39.7	.....	.....	.....	Apr. 11†	Nov. 11
Fort Sill	37.7	35.5	53.9	64.2	68.5	76.0	80.4	78.1	74.9	61.9	48.8	42.8	60.2	108	— 5	Mar. 29†	Oct. 30
Fort Supply	30.2	20.6	47.4	61.1	66.2	75.4	78.3	77.1	70.6	60.1	45.2	.....	.....	.....	.....	Apr. 4†	Oct. 7
Guthrie	37.2	34.1	54.0	65.6	71.1	79.4	82.6	81.4	75.4	64.7	52.0	43.1	61.7	109	— 8	Mar. 29†	Nov. 5
Keokuk Falls	37.1	33.2	54.6	64.6	.....	.....	81.5	78.6	74.1	59.8	.....	.....	.....	.....	.....	Apr. 9†	.....
Mangum	.....	.....	56.3	67.3	72.4	77.2	83.2	80.2	75.8	66.5	54.2	45.8	.....	.....	.....	Mar. 29†	Oct. 30
Norman	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.1	50.6	39.3	.....	.....	.....	.....	Nov. 5
*Oklahoma	36.8	34.8	52.6	62.9	68.2	75.4	79.4	78.4	74.4	64.0	49.8	41.6	59.9	104	— 8	Mar. 29	Nov. 11
Otoe (*a*)	.....	.....	.....	.....	.....	78.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ponca	34.2	31.6	51.7	60.9	66.5	.....	83.2	79.2	74.0	65.0	52.3	40.0	.....	.....	.....	Apr. 5†	Nov. 4
Pond Creek	33.1	29.6	49.8	61.0	67.4	77.4	80.6	79.2	71.6	60.7	46.2	37.4	57.8	110	— 8	May 20†	Oct. 8
Sac and Fox Agency	.....	.....	54.7	.....	.....	.....	.....	.....	.....	64.2	50.7	43.4	.....	.....	.....	Mar. 29†	.....
Stillwater	35.8	.....	52.6	62.6	67.6	77.2	78.6	78.8	72.4	61.4	46.6	37.8	.....	.....	.....	Apr. 10	Oct. 8
Winnview	37.8	[e]33.2	52.4	66.0	[d]70.3	79.7	[d]83.6	81.6	[f]74.2	[h]64.0	49.1	40.6	61.0	.....	.....	Mar. 29	Oct. 8
Oregon.																	
Albany [1]	42.0	39.1	44.4	50.2	55.8	59.2	66.7	69.1	60.7	.....	47.5	39.2	.....	.....	.....	Apr. 7	Oct. 16
Albany (*g*) [2]	42.9	40.3	45.1	52.4	60.6	63.5	71.0	69.2	61.0	52.6	49.2	39.4	53.9	.....	.....	.....	.....
Arlington	34.4	32.9	44.2	51.2	59.4	64.0	74.3	75.5	61.4	51.2	47.1	33.0	52.4	101	1	May 10	Oct. 20
Ashland (*g*) [2]	38.6	35.5	43.4	47.5	55.5	60.2	73.1	75.2	59.5	52.1	44.0	37.8	51.9	.....	.....	May 2	Oct. 6
Ashland [2]	38.0	36.0	44.4	49.0	55.6	59.4	68.8	70.0	59.8	54.2	46.2	36.8	51.5	100	10	.....	.....
*Astoria	41.4	40.2	43.5	48.0	53.0	56.8	60.9	65.2	59.0	52.4	49.4	40.8	50.9	88	24	Apr. 22	Nov. 16
Aurora (*g*)	42.9	41.6	46.8	53.1	61.1	63.2	72.5	72.1	61.0	53.7	50.7	41.9	55.0	.....	.....	.....	.....
Aurora (near)	39.8	38.6	44.0	48.8	55.0	59.4	65.4	66.2	58.1	51.8	47.4	39.1	51.1	95	19	May 17	Nov. 16
*Baker City	25.6	21.9	35.0	44.8	53.8	57.0	67.1	69.0	54.6	47.1	40.8	26.8	45.3	94	— 7	June 11	Oct. 6
Bandon	46.0	43.2	45.5	49.0	52.5	57.0	57.5	59.0	57.3	54.4	49.6	44.8	51.3	78	27	May 2	Dec. 24
Bay City	.....	.....	.....	.....	.....	.....	.....	61.4	56.6	51.2	[c]47.9	42.3	.....	.....	.....	.....	.....
Beulah	26.7	22.8	36.6	45.4	54.1	.....	.....	74.2	.....	.....	.....	.....	.....	.....	.....	May 29	.....
Brownsville (*g*)	42.4	38.6	44.9	49.6	58.2	61.8	70.5	70.0	60.3	52.8	46.8	38.0	52.8	.....	.....	.....	.....
Burns	18.8	12.4	26.9	36.4	42.8	47.3	59.8	62.8	47.2	38.8	33.9	20.0	37.3	96	—32	(‡)	(‡)
Canyon City	32.2	30.1	40.4	47.8	56.3	58.3	71.6	75.9	61.8	55.6	47.4	33.6	50.9	108	.....	June 11	Sept. 31
Cascade Locks	38.4	35.4	43.4	50.6	56.9	61.1	70.0	69.9	57.0	52.6	48.4	36.6	51.7	96	16	.....	.....
Comstock (*g*)	42.8	38.3	44.7	50.3	56.3	59.9	67.5	68.3	59.3	51.8	46.6	37.9	52.0	.....	.....	.....	.....
Condon	.....	.....	.....	.....	.....	.....	.....	68.6	53.1	.....	.....	.....	.....	.....	.....	.....	.....
Cornelius	37.9	36.4	42.8	49.8	56.2	59.6	67.6	68.4	57.8	50.4	46.5	37.2	50.9	98	14	May 8	Nov. 27
Corvallis [4]	40.5	38.0	43.6	48.9	54.6	57.8	64.8	67.3	58.7	50.8	45.9	38.8	50.7	96	20	May 2	Oct. 19
Corvallis (*g*) [2]	38.2	37.5	41.5	47.0	51.8	58.9	66.1	66.6	59.1	49.8	45.4	37.6	50.0	.....	.....	.....	.....
Corvallis (near)	40.1	37.9	43.9	49.7	56.0	60.0	66.9	69.7	60.5	52.7	46.6	38.6	51.9	96	18	Apr. 16	Nov. 16
Crook	29.7	25.6	.....	42.7	48.2	51.3	62.2	60.6	51.2	47.9	43.2	28.0	.....	.....	.....	(‡)	(‡)
Detroit	.....	.....	.....	.....	54.2	57.2	68.6	70.1	52.7	48.1	42.4	34.1	.....	.....	.....	May 17	Oct. 7
Engene	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.3	48.0	38.8	.....	.....	.....	.....	Nov. 16
Fife	.....	22.4	33.8	41.6	48.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Forest Grove	37.4	34.6	41.6	47.8	54.1	58.2	.....	.....	.....	50.4	46.2	36.7	.....	.....	.....	May 9	Oct. 6
Gardiner	45.2	42.6	45.4	51.2	52.2	56.4	61.2	63.0	59.6	54.2	51.2	41.8	52.0	82	27	Mar. 20	Dec. 26
Glenora	.....	35.5	39.1	46.2	52.3	56.4	63.6	67.0	55.8	49.6	44.8	33.0	.....	.....	.....	May 17	Oct. 19
Grants Pass [5]	39.2	37.8	45.0	50.4	57.2	60.2	69.4	68.2	61.0	54.0	46.0	37.0	52.1	104	17	May 2	Oct. 6
Grants Pass (*g*) [2]	40.6	39.8	46.8	49.5	58.9	61.9	71.3	72.7	61.8	53.9	45.8	38.2	53.4	.....	.....	.....	.....
Happy Valley	30.1	23.9	35.8	44.0	51.5	54.0	64.9	65.9	.....	46.6	41.9	25.7	.....	.....	.....	(‡)	(‡)
Heppner	34.2	33.2	41.8	47.4	54.8	58.2	68.6	69.9	57.0	50.6	46.3	33.5	49.6	99	1	May 10	Oct. 7
Hood River	.....	.....	42.4	50.6	59.0	62.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 2	.....
Hood River (near)	34.8	30.4	39.3	46.4	54.0	56.2	65.4	66.4	55.2	47.6	45.4	32.7	47.8	90	— 4	May 2	Nov. 15
Hubbard	40.4	39.2	44.4	49.2	55.1	58.5	65.4	66.7	58.4	50.8	43.4	37.8	50.8	93	22	May 3	Oct. 17
Jacksonville	37.6	36.0	44.2	49.4	56.7	56.7	68.0	70.2	59.4	52.4	45.0	35.7	50.9	97	15	May 9	Nov. 16
Joseph	23.5	18.3	30.7	40.5	51.0	53.0	63.7	65.6	51.2	42.7	39.2	21.2	41.7	96	— 3	June 13	Sept. 3
Junction City	43.0	38.3	44.4	54.9	59.1	61.4	68.3	68.6	60.3	56.6	48.5	39.7	53.6	.....	.....	.....	.....
Klamath Falls	.....	.....	42.4	46.2	56.6	56.6	71.7	73.4	.....	.....	.....	.....	.....	.....	.....	June 11	.....
La Fayette (*g*)	40.3	39.2	43.8	51.0	59.1	59.5	67.9	70.5	64.3	54.0	49.7	40.4	53.3	.....	.....	.....	.....
La Grande	30.6	27.6	38.4	46.5	56.1	58.5	69.8	71.7	55.4	49.4	43.4	31.2	48.2	98	2	May 9	Oct. 6
Lakeview	24.9	21.2	29.8	41.2	50.6	.....	.....	.....	.....	.....	45.8	.....	.....	.....	.....	.....	.....
Langlois	47.3	44.9	48.0	52.2	54.5	60.0	61.4	64.4	60.8	56.9	52.8	44.8	54.0	97	27	Mar. 21	Dec. 12
Lone Rock	.....	26.8	35.8	42.6	48.1	52.0	62.6	64.1	51.1	46.2	.....	26.8	.....	.....	.....	June 13	Sept. 12
McMinnville [6]	39.4	37.7	43.3	48.8	55.4	58.4	67.0	69.2	58.8	51.0	46.4	38.0	51.1	102	18	May 9	Oct. 10
McMinnville (*g*) [2]	39.5	38.0	42.6	48.7	55.4	58.6	68.7	71.5	60.8	52.1	47.0	37.5	51.7	.....	.....	.....	.....
Merlin (*g*)	41.3	39.4	42.2	50.0	58.3	62.7	72.7	72.8	60.1	52.5	44.2	34.4	52.6	.....	.....	.....	.....
Monmouth (*g*)	41.4	41.8	45.9	53.1	61.6	65.0	77.8	74.0	64.5	54.5	48.9	40.6	55.8	.....	.....	.....	.....
Mount Ange.	41.3	38.3	44.8	49.4	56.5	59.5	68.1	68.6	59.2	52.0	47.4	38.9	52.0	95	20	Apr. 19	Nov. 4
Mount Hood	.....	.....	.....	.....	.....	.....	55.0	60.9	45.4	.....	.....	.....	.....	.....	.....	.....	.....
New Bridge	34.6	32.4	42.6	52.4	61.0	63.8	75.2	73.0	.....	.....	.....	.....	.....	.....	.....	Apr. 30	.....
Newport	.....	[b]42.1	39.7	49.2	52.4	56.2	56.9	59.9	59.6	54.6	.....	45.7	.....	90	19	Apr. 12	Dec. 15
Oregon City	39.5	38.0	.....	48.4	56.6	.....	66.6	68.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pendleton	33.8	31.9	43.8	50.1	56.6	61.6	71.6	[h]72.6	.....	51.6	46.8	35.1	.....	109	2	May 9	Oct. 10
*Portland	40.4	37.6	44.0	49.6	55.5	58.8	67.2	69.2	60.0	52.5	48.6	39.5	51.9	94	18	May 9	Nov. 16
Portland (*g*) [2]	41.1	38.3	44.3	51.6	59.7	63.0	72.5	74.5	61.9	53.0	48.9	38.6	54.0	.....	.....	.....	.....
Riddles (*g*)	40.7	38.4	44.1	48.6	50.5	55.7	65.1	68.0	58.2	54.3	43.8	35.7	50.3	.....	.....	.....	.....
*Roseburg	42.9	40.0	45.5	50.8	55.6	59.2	67.3	69.4	60.5	53.7	48.6	37.2	52.6	104	20	May 16	Nov. 16
Roseburg (*g*) [2]	45.2	41.4	47.0	52.1	57.9	62.4	72.3	72.4	62.2	54.9	48.7	40.1	54.7	.....	.....	.....	.....
Salem (*g*) [2]	44.7	42.1	44.6	50.3	55.2	58.3	63.4	66.5	57.6	49.6	49.7	46.2	52.4	.....	.....	.....	.....
Salem [7]	41.5	38.8	45.0	50.2	54.9	59.4	65.1	69.8	59.6	52.2	56.2	39.2	51.8	96	20	May 9	Oct. 11
Sheridan (*g*)	41.7	39.2	44.2	50.2	56.8	60.1	69.0	70.4	61.6	52.3	48.2	39.2	52.7	.....	.....	.....	.....
Silverton (*g*)	40.9	38.2	42.8	48.3	55.7	59.1	66.1	75.5	59.5	52.3	47.1	37.5	51.9	.....	.....	.....	.....

[a] ...hn Briggs.
[b] ...cific Railway system.
[c] H. Carter.
[d] ...ate Agricultural College.
[e] J. B. Paddock.
[f] Capt. Wyeth Harris.
[g] C. F. Roberts.
‡ Temperature fell to freezing point every month in the year.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Oregon—Continued.																	
Siskiyou (*g*)	34.6	32.7	38.4	47.9	55.7	58.7	75.8	71.8	60.6	53.3	48.8	33.6	51.0	.....	.....	.....	.....
Sparta	23.8	21.6	32.5	.....	51.4	54.0	67.7	70.0	56.5	46.0	40.6	25.9	.....	.....	.....	June 10	Oct. 6
Springbrook	39.8	37.8	43.4	48.8	56.0	58.7	68.0	71.0	60.4	53.1	47.9	38.6	52.0	98	19	May 9	Nov. 16
Springfield (*g*)	40.6	37.1	42.4	49.6	55.8	62.0	71.9	71.8	59.5	52.2	45.1	35.4	52.0	.....	.....	.....	.....
The Dalles	36.4	34.4	44.2	52.2	60.0	63.1	72.7	73.3	60.6	52.2	47.5	35.4	52.7	97	3	June 10	Oct. 21
Toledo	44.8	41.3	43.6	46.8	53.6	56.3	62.0	62.6	59.5	.....	.....	.....	.....	.....	.....	May 9	Nov. 16
Vale	30.8	28.4	39.8	48.6	58.2	61.8	72.0	71.8	56.9	47.6	39.2	26.0	48.4	100	— 3	June 12	Sept. 4
Vernonia (*a*)	38.1	35.3	40.5	48.0	51.5	58.7	64.2	.....	.....	.....	.....	.....	.....	.....	.....	May 9	.....
West Fork (*g*)	42.4	39.9	44.7	50.7	57.5	61.5	69.2	71.1	61.4	53.8	47.5	38.5	53.2	.....	.....	.....	.....
Weston	31.8	30.0	39.7	47.6	.....	.....	.....	71.2	57.2	50.4	44.2	.....	.....	.....	.....	May 9	Sept. 22
Williams	39.6	37.7	44.0	49.6	55.6	.....	67.0	68.1	58.2	52.2	45.1	36.2	.....	.....	.....	May 2	Sept. 27
Pennsylvania.																	
Altoona	40.6	36.3	49.4	53.0	65.0	73.0	77.5	72.7	68.9	57.5	45.1	41.1	56.7	97	10	.....	.....
Aqueduct	35.0	30.6	46.0	51.4	64.0	72.2	77.4	72.0	69.5	55.3	40.5	34.3	54.0	102	0	.....	.....
Bethlehem	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.7	.....	33.1	.....	.....	.....	.....	.....
Blooming Grove (*a*)	30.2	23.4	39.6	45.0	59.4	67.7	73.3	67.5	63.5	49.8	34.5	28.3	48.5	101	—16	.....	Sept. 26
Bloomsburg	32.9	26.2	42.7	48.2	62.2	69.1	74.0	69.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Blueknob	29.5	24.9	40.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carlisle[1]	33.8	28.9	43.2	50.0	[c]63.4	71.4	76.3	71.4	68.5	54.5	39.9	31.8	52.8	100	— 2	.....	Oct. 12
Carlisle[2]	33.6	.....	43.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cassandra	.....	.....	.....	47.8	62.6	70.8	74.8	70.0	66.8	51.3	35.2	31.0	.....	93	.....	.....	.....
Chambersburg	34.4	.....	43.2	48.2	61.8	70.4	74.6	70.4	68.1	54.2	39.3	32.3	.....	100	.....	.....	.....
Coatesville	33.2	30.6	44.8	49.4	62.1	70.6	75.3	70.6	68.0	55.5	39.4	33.5	52.8	98	2	.....	Oct. 12
Coopersburg	34.0	28.6	43.8	49.4	60.8	69.9	74.8	70.5	66.8	54.3	39.4	34.1	52.2	94	1	May 29	Sept. 26
Drifton	30.3	[c]27.8	[c]33.5	[c]42.3	[c]57.6	[d]65.9	[f]77.0	[e]69.8	[e]65.6	[d]52.0	[e]38.2	[f]29.8	49.2	94	—10	May 29	Sept. 26
Dyberry	26.6	20.2	37.7	43.8	55.4	64.8	69.4	64.6	62.3	49.2	33.4	26.8	46.2	96	—24	May 29	Sept. 26
East Mauch Chunk	31.2	26.0	41.6	47.2	60.7	69.7	73.4	68.8	65.8	52.4	37.1	31.6	50.5	99	— 8	.....	.....
Easton	32.6	26.6	42.4	49.3	62.2	70.8	75.5	70.6	66.0	53.8	38.5	31.7	51.7	95	— 2	.....	.....
Edinboro (*a*)	29.5	21.6	39.2	45.3	56.9	68.0	70.9	66.8	64.6	50.8	33.8	29.4	48.0	92	2	.....	.....
Emporium	32.1	25.6	40.8	46.7	59.4	67.4	70.5	66.4	64.8	52.4	36.4	30.4	49.4	94	—18	May 29	Sept. 26
*Erie	32.8	25.3	40.6	45.2	56.8	68.0	72.7	69.0	67.4	55.2	38.7	35.2	50.6	92	— 2	May 29	Nov. 18
Forks of Neshaminy (*a*)	35.8	30.4	[d]44.2	51.6	62.3	72.1	75.2	70.9	[b]69.4	56.3	43.4	38.2	54.2	.....	.....	.....	.....
Grampian	30.2	23.9	39.8	46.0	59.8	69.0	72.2	69.0	64.9	51.4	33.8	28.8	49.1	98	—10	May 29	Oct. 7
Greenville	.....	25.6	43.0	47.6	58.6	67.8	70.2	67.0	[c]62.8	49.7	35.8	32.2	.....	97	.....	May 29	.....
Hamburg	33.2	28.3	43.4	49.2	62.0	71.2	76.0	71.4	68.2	55.0	39.0	32.9	52.5	102	— 3	.....	.....
*Harrisburg	33.4	28.6	44.1	49.8	62.4	71.2	76.0	71.4	68.2	55.4	40.0	34.4	52.9	96	3	Apr. 12†	Oct. 15
Hollidaysburg	34.4	27.2	43.5	48.6	60.7	68.9	.....	[c]68.5	66.7	52.5	37.9	31.8	.....	.....	— 9	May 29	Oct. 12
Honesdale	29.4	22.8	37.5	44.9	57.9	67.0	71.7	66.2	63.7	51.1	36.6	29.7	48.2	93	—20	May 29	Sept. 26
Huntingdon	33.6	29.0	44.0	48.8	60.8	68.8	73.2	69.5	66.9	54.0	39.0	32.6	51.7	103	— 6	.....	Oct. 12
Johnstown	34.4	29.8	44.4	50.0	62.4	70.0	73.5	71.2	68.7	54.4	38.6	34.0	52.6	99	— 2	May 29	.....
Kane	29.2	23.0	39.6	43.4	55.8	64.4	68.0	65.8	63.2	.....	.....	.....	.....	92	.....	May 29	Sept. 26
Kennett Square	34.8	30.7	45.4	49.4	62.1	70.6	74.8	70.7	68.4	55.2	40.3	35.0	53.1	96	3	.....	.....
Kilmer (*f*)	36.2	31.8	45.4	52.5	65.4	71.1	78.0	72.3	.....	[c]56.7	39.2	34.3	.....	.....	.....	.....	Oct. 15
Lancaster	[1]33.9	29.9	44.8	49.2	62.2	70.5	76.2	.....	69.0	55.1	40.4	[b]38.4	.....	.....	.....	.....	.....
Lebanon	32.6	28.4	43.6	48.4	61.0	69.9	74.8	69.7	67.3	54.4	39.2	32.8	51.8	97	— 1	.....	.....
Le Roy	28.3	20.8	38.0	42.8	57.2	66.9	71.2	66.7	64.1	51.1	32.7	28.6	47.4	96	—16	.....	.....
Lewisburg	32.2	26.2	42.5	47.4	[c]60.7	68.1	74.4	70.0	67.2	53.1	[1]38.9	31.8	51.0	100	—16	.....	.....
Ligonier	[1]32.5	29.5	42.8	48.4	[c]60.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 29	.....
Lock Haven (*a*)	32.4	27.8	42.5	49.4	[1]64.6	70.8	69.4	63.3	62.1	53.4	39.0	30.8	50.5	102	—12	.....	Sept. 26
Lycippus	34.1	29.4	45.0	49.0	62.0	69.8	73.9	72.0	68.1	55.4	37.0	34.3	52.5	95	— 3	.....	.....
New Castle	32.2	27.4	42.8	47.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Philadelphia	36.6	31.9	47.0	51.5	63.7	72.8	77.8	73.0	70.0	57.2	42.0	36.9	55.0	97	4	Apr. 11†	Nov. 7
Philadelphia[3]	37.0	32.4	47.3	52.0	63.7	73.0	78.1	72.4	69.8	57.6	42.5	36.9	55.2	99	3	.....	.....
Philadelphia[4]	35.9	31.6	45.9	51.0	63.9	72.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phœnixville	34.2	30.0	45.3	50.6	61.5	71.4	75.1	71.2	68.3	55.5	39.8	34.5	53.1	97	2	.....	Oct. 15
*Pittsburg	37.0	31.7	47.4	51.0	61.6	71.6	76.2	73.6	70.4	56.4	40.4	36.6	54.5	97	— 4	Apr. 25	Oct. 7
Pottstown	33.0	29.2	45.4	51.4	63.8	72.2	77.2	71.6	67.9	56.0	41.0	34.3	53.6	98	3	.....	.....
Quakertown	32.0	26.9	42.4	48.0	60.4	69.1	73.8	69.3	66.2	53.1	[1]38.0	32.1	50.9	98	— 7	.....	Oct. 12
Reading (*a*)	31.6	28.0	42.0	48.9	61.8	70.8	76.2	70.6	65.6	53.8	38.2	31.9	51.6	.....	.....	.....	.....
Saegerstown	31.0	23.6	41.0	46.0	57.7	65.7	69.6	66.1	63.8	51.0	34.8	31.4	48.5	99	—15	May 28	Sept. 26
Salem Corners	28.7	22.5	39.6	44.8	58.1	68.4	73.0	67.6	64.6	51.0	34.4	29.4	48.5	95	—10	May 29	Sept. 26
Selinsgrove	32.0	29.0	42.6	[1]46.2	61.2	70.5	76.4	69.2	64.8	53.8	38.4	24.7	50.7	98	—10	.....	Sept. 26
Shinglehouse	29.4	21.6	38.8	43.0	56.4	64.6	67.9	63.8	62.4	50.4	33.8	28.5	46.7	94	—25	May 29	Sept. 26
Smethport	29.4	22.8	39.0	43.8	55.3	64.8	68.0	64.8	62.8	50.0	33.3	29.0	46.9	95	—15	.....	.....
Somerset	31.3	26.2	43.6	46.7	59.5	70.4	71.1	68.3	65.8	51.4	34.2	29.6	49.8	97	—13	May 29	Sept. 26
South Bethlehem	.....	.....	.....	.....	.....	.....	.....	.....	.....	55.6	39.0	32.6	.....	.....	.....	.....	.....
South Eaton	31.2	24.8	41.2	45.8	58.8	67.2	72.3	67.0	64.6	52.0	37.4	30.4	49.4	95	— 9	May 29	Sept. 26
State College	32.2	26.4	42.7	46.8	60.0	68.3	72.0	69.0	66.0	52.0	36.4	31.4	50.3	96	— 4	May 29	Sept. 6
Swarthmore	35.6	32.2	46.1	51.2	64.5	73.8	79.2	72.2	69.4	56.0	41.0	.....	.....	98	.....	.....	.....
Towanda	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.6	36.0	30.4	.....	.....	.....	.....	.....
Uniontown	37.7	33.6	45.8	50.1	[b]63.3	[d]72.0	71.8	71.0	68.8	56.0	41.4	36.6	54.0	95	— 5	.....	Oct. 11
Wellsboro	28.6	23.4	38.3	41.9	54.2	65.6	67.5	61.5	60.6	48.3	32.0	27.8	45.8	94	—28	May 29	Sept. 26
West Chester	34.2	29.9	45.1	49.6	62.1	71.0	75.6	70.9	68.2	55.5	40.2	34.2	53.0	95	2	.....	.....
Westtown	33.8	29.1	43.7	.....	61.4	69.7	.....	.....	66.4	53.8	35.6	33.0	.....	.....	.....	.....	.....
Wilkesbarre	32.8	28.4	43.8	48.4	61.9	70.0	74.4	70.0	66.0	54.1	38.2	32.2	51.7	100	— 5	.....	Sept. 27
York	33.4	29.6	45.1	49.8	62.2	70.2	75.2	70.3	68.2	54.7	40.4	33.2	52.7	98	— 2	May 29	Sept. 26
Rhode Island.																	
*Block Island	33.6	29.2	39.8	43.5	53.8	62.2	69.6	67.1	65.0	56.0	42.3	36.7	49.9	85	0	Apr. 9†	Nov. 6
Bristol	31.0	26.9	40.2	44.3	56.5	.....	.....	67.7	65.0	54.7	39.1	32.5	.....	.....	.....	Apr. 16†	Nov. 7
Kingston	29.5	24.9	40.0	44.5	56.1	66.1	72.1	66.6	64.5	52.5	36.9	31.4	48.8	93	— 9	May 15	Oct. 16
*Narragansett Pier	31.0	26.2	39.4	44.1	55.4	65.8	71.2	66.7	64.4	53.0	40.3	33.3	49.2	91	— 7	Apr. 9†	(;)
Newport	33.8	30.1	43.8	47.2	58.0	.....	.....	.....	.....	56.9	41.7	.....	.....	.....	.....	Apr. 6†	Nov. 6†
Pawtucket	29.7	26.1	41.6	47.5	58.3	68.2	73.4	67.8	65.0	52.8	37.1	31.6	49.9	95	— 7	Apr. 12†	Nov. 6†
Providence[5]	31.4	27.0	43.7	48.4	60.5	71.4	77.0	70.8	67.0	54.6	38.2	32.4	51.9	97	— 4	Apr. 7†	Nov. 6†
Providence[6]	29.6	25.0	40.8	45.7	57.1	67.7	73.7	67.4	64.6	52.9	36.7	31.0	49.4	96	— 8	Apr. 12†	Oct. 16†

[1] J. E. Pague.
[2] Dickinson College.
[3] John Comly.
[4] R. L. Paddock.
[5] City engineer.
[6] Ladd Observatory.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
South Carolina.																	
Aiken	48.4	49.6	61.[illegible]	65.3						64.3	53.4					Mar. 27	
*Allendale					74.4	78.7	79.3	80.2	76.0	65.0	53.3						Nov. 11
*Batesburg					71.2	76.1	76.6	77.5	73.6	63.3	50.8						Nov. 11
Blacksburg	[a]44.7	46.2	55.9	58.9	67.8	74.5										Mar. 30	
*Blackville					73.4	79.0	79.9	79.5	75.5	65.2	53.2	50.0					Nov. 11
Blenheim (c)	43.2	46.0	55.0	58.8	68.2	76.4	76.4	73.7	71.1	59.8	46.5	[b]42.1	59.8	97	11	Mar. 31	Nov. 7
Branchville						82.6	82.9	84.8	79.6	67.2	55.4	51.2					Nov. 10
Brewer Mine	48.9																
Central (b)	43.7	44.4	52.8	59.2	66.4	74.4	74.0	73.6	70.4	57.8	45.8	42.6	58.8	88	6	May 19	Oct. 15
*Charleston	52.8	52.8	61.4	64.7	72.4	76.7	78.8	80.0	77.6	68.4	57.4	52.4	66.3	96	14	Mar. 31	Nov. 11
*Cheraw	47.3	48.6	58.6	62.0	71.0	77.2	78.4	77.6	75.1	62.2	50.0	45.9	62.8	99	8	Mar. 31	Nov. 6
*Columbia	49.2	50.8	60.4	63.6	72.3	78.4	78.8	79.4	75.4	64.0	52.9	48.8	64.5	100	9	Mar. 30	Nov. 7
Cross Hill (a)	46.2	47.4	57.8	64.7	72.0	78.6	78.3	78.2	76.5	64.1	52.1	47.3	63.6	100	10	Mar. 30	Nov. 6
Darlington (a)		50.7	60.4	63.7	69.2	[d]73.9	75.8					47.8				Mar. 30	
Flint Hill	45.6	46.6	57.2	61.2	71.3	76.7	77.4	76.8	73.4	60.0	48.9	44.3	61.6	99	—1	Mar. 30	Nov. 7
*Florence					74.0	80.5	80.2	80.0	76.6	64.8	53.6			100			Nov. 7
Georgetown	52.9	53.0	61.3	63.5	71.7		77.2	78.8	76.6	66.1	52.6	49.2			10	Mar. 29	Nov. 10
*Greenville					68.8	74.8	75.3	75.4	73.4	64.0	51.2			94			Nov. 11
*Greenwood					72.7	78.1	79.6	78.6	76.7	64.1	51.0			104			
*Hardieville					71.5	75.6	77.9	79.8	76.4	66.8	55.8	52.0		94			Nov. 7
Hollands	[c]46.4	[c]45.6	56.0	59.1	68.8	75.4	76.6	76.7	74.4	60.9	49.3	46.2	61.3	95	7	Apr. 14	Nov. 7
*Kingstree					72.0	77.0	78.2	80.9	79.0	68.8	56.3	52.2		98			Nov. 11
Little Mountain	48.4	48.3	59.5	62.3	70.3	77.3	78.0	78.9	74.6	65.7	52.5	50.0	63.8	99	4	Mar. 29	Nov. 11
Longshore	45.7	47.0	56.7	61.3	70.2	76.3	76.4	76.2	72.2	60.2	48.6	44.2	61.3	101	5	Apr. 7	Oct. 15
McCormick (a)	48.1	47.9	57.8	61.6	69.1	74.4	73.9	76.7	72.7	64.4	52.5					Mar. 30	Nov. 6
Pinopolis	49.7	50.9	59.3	62.2	70.1	74.5	76.2	77.4	74.8	64.2	52.3	48.9	63.4	90	10	Mar. 28	Nov. 7
Port Royal	53.5	53.1	62.7	66.5	74.3	79.3	80.5	81.7	78.2	68.8	57.4	53.2	67.4	98	13	Mar. 28	Nov. 12
Reidville			58.1	60.9	68.6											May 21	
*St. Georges				65.6	73.8	77.6	78.4	79.6	76.2	66.4	55.1	51.0		98			
*St. Matthews				65.6	73.3	80.4	77.4	79.8	76.2	66.0	53.6			98			
Santuck (a)	46.8	47.3	56.6	61.2	69.0	76.8	76.2	75.3	73.5	60.9	49.7	44.6	61.5	96	1	Mar. 31	Nov. 6
Shaws Fork (a)						78.4	78.2	80.4	76.2	67.7	54.2	50.6		105			
Simpsonville	46.0	45.0	56.8	61.2		77.4	81.5	79.0	75.6								
Society Hill	47.3	48.6	59.7	61.7	70.1	76.4	76.5	75.9	73.1	61.6	51.2	47.3	62.4	96	9	Mar. 29	Nov. 6
*Spartanburg					73.6	78.2	79.4	79.0	75.6	62.8	54.5			104			
Statesburg	49.2	49.9	60.4	63.0	71.6	78.0	76.5	76.5	74.8	61.0	52.1	48.7	63.7	98	6		
Tatum Station (c)	43.1	45.8	55.9	59.4	70.0											Mar. 29	
Timmonsville (a)	53.6	54.5	63.6				80.8	81.5	78.0	67.9	57.6	50.9			23		
Trenton	48.4	50.4	61.4	65.0	73.1	78.4	77.8	[d]78.8	75.9	65.2	54.2	50.6	64.9	98	8	Mar. 30	Nov. 6
Trial	54.5	52.8	61.7	63.6	72.0	76.8	77.8	79.2	76.3	66.2	58.0	53.1	66.0	98	11	Mar. 31	Nov. 7
Watts (c)	47.1	47.8	57.7	62.3	70.3	77.1	77.9	77.5	74.2	62.4	49.6	46.5	62.5	95	8	Mar. 31	Nov. 6
Yorkville	46.8	47.2	58.4	60.6	70.0	77.1	77.4	76.0	73.9	62.4	50.8	46.8	62.3	95	5	Apr. 3	Nov. 6
South Dakota.																	
Aberdeen			33.0	46.2			75.4	71.7	54.0	45.6	31.0	30.8					Sept. 14
Alexandria	8.2	12.9	37.0	48.9	62.4	72.8	76.5	73.2	62.5	48.0	28.7	25.9	46.4	110	—34	May 21	Sept. 17
Armour				49.8	[f]58.2	71.2	75.4	70.4	61.0	54.0	32.8			110		May 20	Sept. 30
Ashcroft	11.8	15.9	27.0	46.1	56.9	64.8	69.5	71.0	55.8	45.4	32.6	24.8	43.5	103	—30	May 25	Sept. 9
Bowdle (a)	4.9	9.7	30.1	42.7	59.4	72.2		73.8	62.3	48.5	29.1	27.4			—31	Apr. 21	Oct. 5
Britton	1.6	8.3		47.4	57.5	70.3											
Brookings	5.8	13.7	34.2	43.3	57.2	68.0	71.1	67.6	57.8	43.0	26.7	25.6	42.8	104	—33	May 19	Sept. 11
Castlewood	3.4	10.2	31.0	[h]39.7		69.6	73.4	68.9		[i]44.6	25.6	23.4				June 5	
Clark	4.5	12.2			57.2	69.9	77.5	72.8	62.9	46.3	27.5	26.1		108	—33	June 5	Sept. 30
Cross	18.8	18.9	31.8	44.4	52.8	[e]60.4	64.8	64.5	[e]55.3	46.8	34.8	28.8	43.5	92	—31	May 10	Sept. 4
De Smet	5.6	13.4	35.1	50.2	60.8	73.2	77.6	74.1	64.0	4.0				107	—35	May 27	Sept. 29
Faulkton	3.0	11.5	29.0	45.4	58.4	70.2	74.5	72.0	61.3	45.6	28.4	25.7	43.8	110	—35	May 21	Sept. 17
Flandreau	7.2	13.6	34.6	48.2	59.8	72.6	76.2	72.4	63.2	48.4	28.6	26.4	45.9	109	—33	May 28	Sept. 11
Forestburg	6.1	11.5	35.6	48.5	60.1	71.4	76.5	72.4	61.6	47.9	31.2	26.4	45.8	110	—39	May 28	Sept. 17
Forest City						76.4	81.0	75.2		45.6	31.4	24.7		112			Sept. 17
Fort Meade	19.6	21.6	32.7	48.2	59.5	67.0	73.4	73.3	60.2	49.5	37.4	31.0	47.8	98	—24	Apr. 22	Oct. 7
Fort Sully	13.5	19.4	34.8	50.4	62.4	73.4	80.7	77.5	65.0	50.7				111	—26		Sept. 30
Frankfort	3.2	11.4	32.4	46.9	58.8	70.5	75.1	72.0	60.9	45.6	28.0			112	—39	June 5	Sept. 17
Gale		10.3	29.4	45.2													
Gary	6.0	13.0	32.0	48.2	56.8	71.6	75.4	70.8	63.4	49.0	24.0	21.4	44.3	105	—28	May 18	Oct. 20
Greenwood	14.0	18.0	37.0	50.8	62.2	75.2	80.4	78.3	67.4	52.9	35.1	30.0	50.1	111	—27	May 19	Sept. 30
Highmore	7.4	13.4	30.6	47.1	60.0	70.2	78.2	74.1	62.2	44.8	33.1	25.2	45.5	108	—32	June 4	Sept. 29
Hotch City	9.0	11.0	34.2	50.2	61.4	[f]71.0		76.2	[d]61.8	49.6	35.2	26.2			—38	May 19	Sept. 17
Howard	4.9	10.7	35.2	47.1	59.2	70.0	74.7	72.2	62.8	[g]49.0		25.6		106	—36	May 19	Sept. 17
*Huron	3.9	10.6	33.8	48.2	59.4	70.4	75.6	72.8	63.4	48.4	30.4	26.7	45.3	108	—35	May 19	Sept. 17
Ipswich											23.7	21.4					
Kimball	9.1	12.8	35.0	49.4	60.8	71.8	[e]78.4	76.2	64.3	49.2	33.2	28.1	47.4	110	—32	Apr. 21	Sept. 30
Midland			35.2	51.6													
Millbank	6.8	16.8	33.2	45.9	59.2	72.0	74.2	71.4		46.1	25.8	24.0		107	—29	May 28	Sept. 23
Mitchell					61.6	71.5											
Northville (a)	3.4	12.0	29.8	45.5	58.0	71.8	74.5	71.5	59.9	44.0	27.5	21.2	43.3	108	—35	June 5	Sept. 11
Oelrichs	16.0	14.2	33.2		59.9	69.1	73.4	72.8	60.1	49.5	34.7	25.8		108	—22	May 9	Oct. 6
Parker	6.4	11.6	35.6	48.2	59.4	71.0	75.6	73.6	63.4			25.8		108	—34	May 28	Sept. 24
Parkston	5.8	12.2	[e]32.9	49.5	61.0	71.2			62.2	46.6	32.0	26.3			—38	May 18	Sept. 30
Pierre	10.8	16.8	34.1	50.0	61.4	72.7	79.0	76.2	64.4	50.6	34.2	26.6	48.1	108	—28	Apr. 11	Sept. 30
Plankinton					61.0	71.4	77.3	75.4	64.6	49.2	32.4	27.6		112		May 19	Sept. 23
*Rapid City	18.5	20.0	33.5	48.4	58.5	66.8	73.4	73.4	60.2	50.6	37.8	31.2	47.7	100	—26	May 10	Sept. 30
Rosebud	17.8	16.4	35.8	47.9	59.6	69.0	77.3	75.0	61.6	47.9		29.8		106	—33	May 19	Sept. 10
Shiloh	8.5	15.7	30.8	48.4	60.0	73.6	78.1	74.0		46.4	30.2	24.2		113	—33	May 21	
Sioux Falls	8.4	13.2	36.0	49.5	60.0	72.4	76.7	72.9	63.8	48.6	28.9	25.6	46.3	108	—32	May 31	Sept. 11
Spearfish	21.1	22.3	31.6	47.5	58.5	66.6	71.3	73.8	58.7	49.5	39.6	32.4	47.7	99	—22	Apr. 18	Oct. 7
Tyndall	11.4	19.8	41.6	52.7	63.7	73.6	78.2	76.0	[e]65.9	51.2	35.2	31.8	50.1	108	—28	May 21	Sept. 30
Vermillion	8.8	17.4	40.9	49.6							33.0	29.0					

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
South Dakota—Continued.																	
Watertown	6.0	12.8	33.5	47.3	56.8	71.8						24.9					
Webster	6.3	12.2	31.4	45.9	57.4	70.8	74.5	71.7	62.1	47.4	29.6	27.2	44.7	108	—36	May 31	Oct. 17
Wentworth	3.4	9.4	31.3	45.0	57.7	68.8	[c]73.2	70.6									
Wessington Springs	8.4	14.2	35.0	48.6	59.3	71.8	77.3	75.4	64.9	50.1	32.8	29.5	47.3	111	—28	May 19	Oct. 8
*Yankton	12.6			51.0	62.6	72.8	78.0	75.5	66.0	52.1	33.9	30.7					
Tennessee.																	
Andersonville (*a*)	39.0	38.9	51.6	55.2	65.3	74.4	74.6	75.4	67.4	59.0	43.4	38.7	56.9	98	2		Oct. 15
*Arlington					67.4	77.1	76.4	77.0	73.0	60.1	45.6						
Ashwood (*a*)	44.3	38.9	53.6	60.1	64.6	74.8	76.6	77.9	71.6	59.3	45.7	42.8	59.2	99	0		Oct. 10
*Bolivar		37.3	[d]51.0		66.6	74.8	75.1	77.2	72.9	60.4	43.2					Mar. 30	
Bristol		38.5	48.5	54.4		71.4	73.3	72.3	68.1	53.3	41.2	37.8				May 13	Oct. 15
*Brownsville					70.0	78.9	78.8	79.6	74.2	61.0	50.1			92		Apr. 13	Oct. 15
Byrdstown (*a*)	42.6	38.7	50.6	56.6	63.8	71.6	72.2	75.0	69.6	56.6	43.8	39.2	56.7	97	— 1	Apr. 13	Oct. 14
*Chattanooga	45.6	43.6	55.6	61.6	67.7	75.7	76.6	77.6	73.8	61.7	47.6	44.6	61.0	98	5	Mar. 30	Oct. 15
Clarksville	41.3	37.9	53.3	59.1	65.9	76.5	78.7	83.9	73.6	60.2	43.6	40.5	59.5	105	— 6	Apr. 12	Oct. 10
Covington [1]	43.0	38.3	54.6	61.0	67.0	75.8	74.6	77.3	71.7	62.4	47.4	43.1	59.7	95	0	Mar. 30	Nov. 3
*Covington [2]					71.0	79.2	79.0	79.4	75.1	63.2	50.5						
*Dyresburg					68.2	77.6	77.0	77.8	71.8	61.0	48.4						
Florence Station	43.4	39.5	53.5	60.1	65.7	75.8	74.9	77.9	71.7	58.4	44.4	40.8	58.8	100	1	Mar. 30	Oct. 9
Franklin	42.3	38.8	52.3	57.1	65.6			[f]78.3	71.4	58.2	44.0	40.9			— 3	Apr. 13	Oct. 10
Greeneville	42.2	40.6	52.6	55.8	64.4	72.1	73.0	73.3	70.4	57.2	44.1	40.9	57.2	92	— 4	Apr. 14	Oct. 14
Harriman			51.0					78.0				40.4					
Harrogate		39.6	51.7	56.2	63.3												
Hohenwald (*c*)	43.0	38.3	53.0	57.7	66.0							36.6				Apr. 12	Oct. 9
Jacksboro (*d*)	38.8	37.4	49.5	54.3	62.2	70.8	71.1	71.8	67.4	52.4	40.4	38.0	54.5	95	— 2	Apr. 13	Oct. 15
Jackson (*a*)	42.3	37.9	52.7	59.5	66.4	76.2	76.4	[e]77.1	71.7	58.6	45.4	41.0	58.8	99	— 4	Mar. 30	
Johnson City	41.6	40.5	51.1							57.2							
*Knoxville	43.8	40.8	53.6	58.4	66.2	74.6	75.7	76.1	72.9	59.6	45.2	42.2	59.1	96	2	Mar. 31†	Oct. 15
Lynnville (*a*)	43.0	39.5	52.1	59.8	62.2	72.5	73.9	75.6	71.4	60.6	45.0	41.8	58.1	98	2	Apr. 13	Oct. 10
McMinnville											46.8						
*Memphis	46.0	40.6	56.4	63.2	69.0	78.4	78.4	78.7	74.7	64.2	50.4	45.5	62.1	99	2	Mar. 29	Nov. 3
*Milan					67.6	76.7	77.2	76.6	70.9	58.5	45.5						
Missionary Ridge (*c*)	43.1	40.6	53.1	59.1	64.4	73.4	73.4										
*Nashville	43.0	39.0	53.8	59.8	66.3	76.6	76.6	79.1	73.1	61.0	46.0	41.6	59.7	103	— 2	Mar. 30	Oct. 15
Newport (*c*)	38.6	38.6	49.6	55.1	64.9	74.3	75.0	74.2	69.8	53.4	40.6	36.8	55.9	98	— 2	Apr. 13	Oct. 15
Nunnelly (*a*)	43.2	39.8	54.6	61.8	66.9	76.3	75.6	77.2	72.0	59.4	46.8	42.2	59.6	99	— 4	Mar. 30	Oct. 9
Parksville (*a*)	45.6	42.5	54.5	59.5	66.3	73.4	74.5	75.0	72.2	60.1	46.0	43.6	59.4	96	3		Oct. 15
Pikeville (*a*)	45.6			57.5	66.2	75.2											
Riddleton	39.4	38.4	49.8	56.4	65.6	75.2	76.1	77.6	76.2	59.0	44.3	40.8	58.2	101	— 3	Apr. 12	Oct. 14
Rogersville (*a*)	40.0	38.3	50.3	54.7	65.2	73.8	73.4	72.2	70.0	57.8	44.3	39.6	56.6	96	3	Apr. 13	Oct. 14
Rugby (*a*)	39.6	36.4	48.6	53.0	64.1	71.8	71.2	74.0	69.1	54.2		38.4		96	3	Apr. 7	Oct. 6
St. Bethlehem										61.0	46.2	41.4					Oct. 10
Savannah (*a*)	45.9	41.1	56.2	65.2	70.9	79.1	78.0	78.5						98		Mar. 30	
Springdale (*a*)	42.6	39.5	54.6	56.3	67.8	75.9	74.7	78.3	73.5	55.7	44.5	41.6	58.8	98	— 2	Apr. 2	Oct. 11
Trenton	41.2	37.3	52.8	59.4	66.0	74.8	74.6	76.8		60.0	45.8			99		Apr. 22	Oct. 10
Tullahoma (*a*)			48.3	57.0	63.4	73.8			69.4	59.1	46.2	40.9				Apr. 12	Oct. 10
Waynesboro (*a*)	42.1	39.1	51.4	57.5	65.3	72.7	73.6	74.1	69.0	58.5	45.3	41.4	57.5	98	0	Mar. 30	Oct. 9
Wier (*a*)	41.7	37.2	51.2	58.4	65.8											Apr. 12	
Texas.																	
*Abilene	45.2	40.8	57.8	68.6	73.9	77.6	82.0	76.4	75.6	68.8	55.8	47.6	64.2	104	4	Mar. 29	Nov. 17
Albany (*a*)	45.6	41.9	57.0	67.2	73.7	75.0	87.5	80.8	74.4	67.9	53.1	48.2	64.4	102	18	Mar. 29	Nov. 11†
Alice					[c]78.6	88.5	[f]84.5	83.6	80.8	76.0	66.9	61.2		109			Dec. 28†
*Amarillo	36.3	29.0	46.4	58.0	65.0	72.2	76.8	71.0	66.8	60.0	48.0	39.0	55.7	99	— 2	Mar. 26†	Oct. 29
Arlington	47.5	43.2	58.0	68.5	73.0	78.4	81.8	79.5	77.4	71.4	56.9			108		Mar. 29	Nov. 6†
Aurora (*a*)	47.5	42.9	59.0	68.4	73.2	78.7	84.0	79.1	78.0	69.7	58.2	48.8	65.6	114	2	Mar. 29	Nov. 11†
Austin [3]	53.1	48.4			78.4	81.7	86.0	82.4	77.8	72.4	59.7	50.8					
Austin (*c*) [4]	52.9	48.5	63.5	72.6	75.8	79.2	85.2	81.8	79.0	72.5	61.0	56.2	69.1	103	14		
Beaumont (*c*)							78.4	77.9	78.7	78.4	65.1						
Bellville (*c*)							90.0	86.9	84.2		66.6	62.4					Dec. 28†
*Belton	52.0	47.7	62.2	72.0	76.8	81.0	84.8	81.4	77.1	[d]75.4	62.2			109		Mar. 29†	Nov. 17†
Boerne (*c*)	49.4	46.6	59.2	68.5	72.1	76.6	78.9	76.3	73.2	65.8	54.6	50.2	64.3	105	— 9	Mar. 29†	Nov. 17
Brady	49.2	44.0	59.9	70.4	73.8	77.3	81.8	78.2	76.1	69.6	57.1	50.1	65.6	105	5	Mar. 29	Nov. 6
Brazoria	57.8	54.5	65.6	72.8	75.5	78.4	80.3	78.9	78.3	72.2	63.0	59.0	69.7	100	19	Feb. 26	Dec. 27
*Brenham	55.0	50.1	63.8	72.7	76.9	80.6	84.1	82.1	78.7	72.4	62.0	57.4	69.6	104	12	Mar. 27†	Nov. 15
Brownwood	46.7	43.2															
Burnet (*a*)	51.3	47.8	61.2	71.8	75.9	77.1	85.0	80.0	76.4	70.9	60.1	57.2	67.9	100	10	Mar. 29†	Nov. 17†
Camp Eagle Pass	52.4	51.3	65.2	77.0	79.3	84.8	87.4	84.2	80.4	74.8	61.0	56.1	71.2	110	18	Feb. 27†	Nov. 20†
Childress	41.0	37.8	54.8	67.8	70.4	76.1	81.2	78.7	75.7	64.4				106		Mar. 29†	
Coldwater	31.5	23.7	44.0			[f]74.2	[d]78.2					[c]34.2			—10		Oct. 6
Coleman (*c*)					71.0	75.4				67.0	54.3					Mar. 29	Nov. 17†
College Station	52.9	47.4	61.1	70.5	74.2	83.4		79.8	76.8	70.1	59.0	54.4			6		Nov. 17
*Columbia	57.5	54.3	65.4	74.1	76.4	79.4	81.0	80.0	78.2	71.8	62.6	58.2	69.9	102	18	Feb. 26†	Dec. 27†
*Corpus Christi	58.8	55.2	64.5	73.0	76.2	79.4	81.0	80.6	79.6	74.8	65.1	61.4	70.8	98	24	Feb. 25	Dec. 27
Corsicana [5]	48.8	45.6	59.6	70.4	75.4	[e]77.4	82.8	79.8								Mar. 30	
*Corsicana [2]	47.5	44.4	57.6	68.6	73.6	78.5	81.0	78.8	75.0	68.0	55.1	49.7	64.8	104	— 2	Mar. 29	Nov. 11†
*Cuero	57.4	51.8	[e]65.5	[e]74.3	78.6	82.0	85.0	82.2	79.8	73.9	63.8	61.0	71.3	106	18	Feb. 26	
Dallas	45.9	44.5	59.8	69.2	73.6	78.0	80.3	78.8	74.8	66.8	54.8	48.1	64.6	108	2	Mar. 29	Nov. 17
Devine	52.2	51.2	63.5	72.9	75.5	79.8	82.2	[e]78.9	[e]77.2	70.0				104		Mar. 30†	
Duval (*a*)	54.1	49.7	64.0	73.6	77.3	82.9	89.3	84.7	81.6	75.5	61.4	56.9	70.8	110	13	Mar. 27	Nov. 17
Eastland	47.1	66.9		71.1	75.3	82.5	81.1	77.9									
*El Paso	43.0	44.3	54.0	65.6	73.4	79.3	81.0	77.7	73.5	66.8	54.0	48.2	63.4	102	14	Mar. 22	Oct. 30
Estelle	46.9	43.1	59.0	68.9	73.8	80.0	83.5	80.3	77.2	69.0	56.8	49.2	65.6	111	3	Mar. 29	Oct. 30
Flower Bluff	60.8	55.2	65.8	74.6	78.4	81.2	82.2	82.4	81.2	77.0	66.4	63.3	72.4	102	23	Feb. 25†	Dec. 28†
Forestburg	45.3	41.8	57.4	65.2	71.0	75.1	80.4	77.8	75.7	[e]66.0	56.4	48.8	63.4	106	0	Mar. 29†	
Fort Brown	61.0	61.1	70.5	78.0	79.4	81.9	82.6	82.3	81.4	76.8	68.0	64.2	73.9	102	27	Feb. 25†	Dec. 28†

[1] J. I. Hall.
[2] Cotton region observer.
[3] Ernst Krueger.
[4] Dr. L. Q. C. Smith.
[5] W. H. Hamilton.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual.			Killing frost.	
													Mean.	Extremes.		Last in spring.	First in autumn.
														Max.	Min.		
Texas—Continued.																	
Fort Clark	54.6	52.2	66.7	76.3	78.9	84.0	86.4	81.4	76.4	73.4	61.8	56.8	70.7	108	20	Feb. 26†	Nov. 17†
Fort Hancock	37.2	38.0	49.0	59.1	68.4	75.7	78.9	77.3	72.0	63.4	48.9	45.9	59.5	109	— 1	May 5†	Oct. 21
Fort McIntosh	59.6	57.0	70.2	79.0	80.3	84.4	87.1	84.7	83.0	77.0	66.0	61.4	74.1	106	15	Feb. 26†	Dec. 27†
Fort Ringgold	62.4	60.8	70.8	80.2	81.8	83.8	84.8	84.6	82.4	77.6	66.8	63.0	74.9	105	22	Feb. 26†	Dec. 27†
Fort Worth										[c]69.0	57.3	[b]48.8					Nov. 11†
Fredricksburg (*a*)	49.5	[c]46.2	60.2	69.1	73.0	77.2	81.5	78.5	75.9	68.7	55.6	[c]50.2	65.5	102	11	Mar. 27	Nov. 6†
Gainesville	43.4	[f]39.9	58.0	67.7	71.5	77.6	81.4	79.8								Mar. 29†	
*Galveston	58.0	53.5	63.2	71.8	77.0	78.6	81.3	80.2	80.0	74.4	63.8	58.8	70.0	97	21	Feb. 25	Dec. 28
Graham	43.3	[d]39.5	[f]57.7	67.9	73.4	74.6	82.4	79.6	78.6		53.0	45.4		107	3	Mar. 29†	Oct. 30
Grape Vine	46.6	42.8	59.6	68.3	72.4	77.2	82.0	79.6	75.6	69.0	57.2	48.8	64.9	110	2	Mar. 24	Nov. 6
Hale Center			53.7	64.3	69.9	74.6	78.4	74.1	70.9	65.7	55.4	46.5		103			Oct. 8
Hallettsville	54.8	51.4	64.2	73.1	77.3	80.2	82.3	79.5	77.8	71.8	61.5	56.6	69.2	103	15	Feb. 26	Nov. 20†
Happy							77.1	72.5	68.0	59.9	47.5	38.8					Oct. 8
Hartley	31.9	19.6	43.8	52.1	60.0	62.3	75.1	70.5	61.1	51.7	39.5	29.5	49.8	102	—10	Apr. 30†	Sept. 26
Haskell	43.6	34.4	50.4	65.8	71.2	79.2	86.3	80.8	79.8	70.3						Mar. 29†	
*Hearne					76.0	77.4	81.7	78.8	74.4	69.6	61.4						Nov. 17†
Highland	48.5	[c]41.6	58.7	[b]68.6	[c]74.4	[f]79.0	[c]82.4									Mar. 29†	
*Houston	54.1	50.6	62.4	71.5	75.2	77.8	80.3	78.8	76.4	74.5	59.0	54.6	67.9	104	15	Mar. 26†	Dec. 28†
*Huntsville		49.9	62.0	71.3	75.8	79.4	83.0	81.1	77.0	69.7	61.6	55.8		102		Mar. 29†	Nov. 16
Jefferson (*a*)							82.2	80.2	76.5	64.5	53.0						Oct. 30
Kyle (*a*)	54.5	52.5	65.4	74.4	77.6											Feb. 25†	
Lampasas (*a*)						80.6	83.7	79.7	77.9	71.6	57.4	50.8					Nov. 17†
Leakey								80.1	77.2	72.6	61.6	56.2					Dec. 26†
Llano (*c*)	50.3	45.4	60.6	70.8	75.5	79.4	83.6	82.3	76.0	70.6	58.5	52.1	67.2				
*Longview	50.8	48.8	60.2	70.2	76.0	80.0	82.0	80.8	77.8	68.6	57.5	51.1	66.0	105	7	Mar. 29†	Nov. 17†
*Luling	55.6	51.6	65.1	73.8	78.2	81.7	84.8	81.7	78.8	72.8	61.4	56.4	70.2	106	17	Mar. 27	
McGregor	35.6	33.5	48.4	56.8	59.9	67.0											
Marshall	51.6			67.1	70.8	78.9	79.0	78.0	73.8	67.6	57.0	50.6		102			Nov. 12
Menardville (*a*)	47.9	43.6	59.2	70.2	72.8	76.2	82.8	76.3	73.7	67.9	54.3	48.7	64.5	102	7	Mar. 26	Nov. 16
Midland					73.0	79.5	82.8	77.9	75.9	68.6	57.4	48.8					Oct. 29
Mountain Spring	46.8	42.9	59.0	68.6	72.1	77.8	81.3	79.0	77.1	68.0	56.8	51.3	65.1	108	0	Mar. 26†	Nov. 6
New Braunfels	53.1	50.0	63.5	72.5	75.2	78.5	82.4	78.9	77.1	[c]71.0	57.6	54.4	67.8	103	15	Mar. 27	Nov. 20†
*Orange	56.4	53.1	64.4	71.9	75.4	77.2	80.3	80.2	77.7	69.6	59.2	55.8	68.4	98	15	Feb. 26†	Dec. 27†
*Palestine	51.1	46.8	60.6	70.2	74.4	77.6	80.8	79.4	76.8	69.8	59.0	53.0	66.6	103	4	Mar. 29	Nov. 11
Panter (*a*)	48.3	[g]42.6	60.8	[d]65.2	[c]71.1	77.2	79.2		[b]76.4								Nov. 17†
*Paris		42.3	58.0	67.4	72.0	77.4	81.4	79.9	76.8	68.6	55.9	49.1		106			
Roby	45.1	37.8	54.1	[c]65.4	70.8	74.5	81.8	75.2	75.0	65.5	53.0	47.2	62.1	110	2		
Rockport	56.1	53.6	64.4	74.1	79.0	83.6	83.5	84.1	81.1	75.8	64.4	60.6	71.7	100	24	Feb. 25†	Dec. 28†
Rock Springs									74.0	69.8	58.7	54.0					Nov. 16†
Round Rock	52.7	47.6	63.8	73.0	78.8	81.2	86.6	85.1	81.0	73.8	62.6	58.2	70.4	108	12	Mar. 29†	Nov. 27†
*San Antonio	55.5	51.9	65.1	74.1	77.1	80.9	84.0	80.0	79.4	73.4	62.2	58.0	70.1	106	16	(‡)	(‡)
San Antonio [1]	54.7	51.0	65.1	73.3	76.4	80.3	83.3	79.6	78.6	71.8	59.8	55.8	69.1	106	16	Mar. 26†	Nov. 20†
*San Marcos							[c]85.4	80.6	[c]79.9	73.4	60.6						Nov. 7†
*Sherman					73.4	79.2	80.8	79.0	76.8	68.2	[d]56.0	48.2		104			Nov. 17†
Sierra Blanca			52.6		72.4	76.3	78.2	77.8			63.1	53.8				Mar. 29†	Nov. 13†
Silver Falls	41.6	36.3	53.3				78.4	74.0	72.0	63.2	51.6	44.7				Mar. 29†	Oct. 29†
Sugar Land				73.8	76.8	79.5	80.7	79.3	78.0					102			
Sulphur Springs	47.0	42.7	58.7	66.6	73.8	80.1	82.0	82.0	78.6	74.1	64.1	47.2	66.4	106	2	Mar. 29	Nov. 6†
Temple	47.2	45.0	59.7	70.0	74.8	79.8	82.4	80.6	77.6	71.0	58.4	51.3	66.5	104	5	Mar. 26†	Nov. 11†
*Tyler					74.4	78.6	81.6	79.0	76.4	68.2	56.6	50.1					Nov. 6†
Victoria (*a*)	[f]58.0	54.3	[c]65.6	[g]73.8	[d]79.1	84.8		82.1	[f]78.1	[c]76.6	[f]69.2	[b]60.7				Feb. 26†	Dec. 28†
*Waco	49.6	48.2	60.4	70.7	75.7	79.6	83.1	81.8	78.1	71.5	60.0	53.0	67.6	105	6	Mar. 29†	Nov. 17†
*Weatherford	46.0	41.6	57.6	68.6	72.9	77.0	80.8	78.4	76.6	68.9	56.7	48.6	64.5	107	2	Mar. 29†	Nov. 11†
Wichita Falls	44.4	43.1	60.0	76.7	74.0	78.6	85.0	82.8	81.2	71.4	58.4	47.5	66.9	108	—10	Mar. 29†	Nov. 11†
Utah.																	
Blue Creek (*g*)	23.6	18.0	36.4	49.0	65.8	69.5	84.4	80.6	60.2	53.8	43.1	25.0	50.8				
Castle Gate	19.2	22.0	36.0	46.3	58.2	61.1	72.6	71.5								May 6†	
Cisco	22.3	30.7	45.1	54.2	66.2	69.9	80.8	78.4	64.0	52.7	41.8	35.2	53.4	108	—10	June 8†	Sept. 28
Coalville		11.9	30.4	42.2	53.6	56.4	65.2	65.5	51.9	42.6	36.6	19.8				June 21†	
Corinne (*g*)	27.4	22.2	36.6	57.5	70.7	74.5	84.2	82.6	64.5	50.7	35.9	26.9	52.8				
Deseret	23.8	22.5	42.0	48.3	60.6	[b]63.2	[c]73.0	71.8	[f]57.4	[d]51.2						May 10†	
Fillmore	25.4	24.4	41.0	48.6	59.4	62.4	71.1	74.4	62.2	53.0	43.6	28.4	49.5	104	16	May 14†	
Fort Duchesne	8.1	8.8	39.4	47.9	60.7	66.1	72.7	72.0	68.0	48.3	41.0	24.8	46.5	98	—24	May 17†	
Glendale (*a*)		30.0	39.6		57.2	58.9	69.2	66.3	57.2			[c]30.4					
Green River											34.0	21.8					
Grouse Creek (*a*)	21.1	17.2	30.0	40.6	53.3	54.7	66.1	65.6	49.1		32.8	19.6				June 13	Sept. 12
Grover (*a*)												24.4					
Heber	17.2	12.0	33.3	42.8	54.7	56.8	66.6	65.6	53.4	[c]45.4	39.0	20.9	42.3	95	—22	June 14	Sept. 14
Kelton (*g*)	27.6	25.3	48.1	48.1	61.7	64.9	82.0	78.6	58.5	46.2	38.2	35.2	50.7				
Koosharem	13.1	18.0	32.7	41.7	51.8	54.4	64.9	63.0	52.5	45.3	38.4	22.6	41.6	90	—17	June 15†	
Lake Park	26.2	24.6															
Lake Station (*a*)				47.0	59.7	63.7	75.7	76.8	57.1	47.1	33.7	25.5				May 1	Sept. 11
Levan (*b*)	22.8	20.7	37.7	46.4	58.8	62.2	71.1	71.0	58.7	50.0	39.4	26.8	47.1			May 2	Sept. 14
Loa	20.0	20.5	34.5	42.7	53.4	56.4	66.7	64.4	52.2	43.9	36.6	22.2	42.8	97	—17	June 13	Sept. 7
Logan	24.3	16.6	32.8	46.8	58.6	59.7	72.0	[c]66.4	58.6	50.3	42.8	22.2	45.9	94	—14	May 31	
Losee	19.8	21.6	38.8	47.6	58.2	59.9	71.1	68.3	57.6	51.4						June 8†	Sept. 13
Manti	23.2	18.9	37.2	48.4	70.0	74.6	78.1	76.0	66.0	54.8		30.0				Apr. 29†	Oct. 13
Moab	28.0	32.6	48.0	55.4	66.2	72.0	80.4	77.2	63.1	54.8	42.6	34.7	54.6	105	— 1	Apr. 18†	Sept. 15
Mount Pleasant (*a*)			39.4	46.2	55.8	59.5	72.8	72.5	61.9	53.7	44.8	29.4					Sept. 13
Ogden (*g*) [2]	28.6	25.1	39.1	48.8	63.9	66.7	76.9	77.7	61.1	50.6	41.6	30.8	50.9				Oct. 28
Ogden (*a*) [3]	29.4	26.2	41.8	52.7	64.7	69.8	79.9	79.3	61.3	51.9		31.5					
Parowan	25.1	23.2	38.5	47.0	57.8	59.5	70.2	68.3	58.8	50.6	43.0	28.6	47.6	94	— 7	June 12	Sept. 14
Promontory (*g*)	23.5	20.2	32.9	43.9	57.2	61.2	75.8	74.3	56.8	45.0	38.0	28.9					
Provo City (*b*)	22.8	20.7	36.8	49.2	64.7	65.0	73.4		52.7			26.5					
Randolph	17.4	10.8	26.2	38.2	51.6	54.7	78.5	64.1	50.5							June 16	

[1] G. A. Duerler, jr.
[2] Pacific Railway system.
[3] W. W. Crossman.
‡ None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Utah—Continued.																	
Richfield	24.4	24.2	41.6	48.6	59.8	62.4	69.5	.....	58.0	49.4	.....	.....	.....	.....	.....	June 9‡	.....
St. George	33.6	36.3	50.0	57.8	67.7	70.2	82.9	79.2	69.0	60.9	48.5	39.4	58.0	109	8	May 15‡	Oct. 1
*Salt Lake City	29.0	25.6	41.1	48.1	61.2	63.9	74.6	75.4	61.0	53.2	45.6	31.4	50.8	96	— 1	Apr. 28	Sept. 29
Scofield	.....	.....	27.7	37.2	48.8	51.0	59.5	58.0	49.1	.....	.....	.....	.....	.....	.....	(§)	.....
Silver Lake (*a*)	15.2	[d]10.9	25.0	30.2	42.4	46.5	58.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Singletree (*a*)	22.8	21.4	32.7	41.8	52.1	54.6	65.4	59.1	50.6	45.2	36.6	.....	.....	.....	.....	June 9	Sept. 14
Snowville	23.0	17.1	33.4	45.0	56.4	58.9	68.8	69.5	54.8	46.3	37.1	22.6	44.4	93	—15	May 27‡	Sept. 13
Soldier Summit	11.1	14.9	32.2	35.8	42.4	53.2	58.1	54.3	47.0	38.9	32.0	17.4	36.4	90	—16	.....	.....
Terrace (*g*)	28.9	28.5	41.9	51.8	62.0	69.8	80.1	82.1	71.5	57.5	39.0	24.8	53.2	.....	.....	.....	.....
Thistle	22.0	17.8	37.0	43.8	56.4	57.0	70.5	70.4	56.4	49.0	40.8	24.8	45.5	108	—15	June 21‡	Sept. 30
Vernal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.8	27.8	.....	.....	.....	.....	.....
Vermont.																	
Brattleboro	24.6	20.9	39.5	47.4	57.7	68.1	70.0	67.4	64.0	49.8	33.4	25.3	47.3	97	—23	May —‡	Oct. —‡
Burlington	22.7	18.2	37.7	46.8	59.8	69.1	72.2	66.0	64.2	53.0	34.7	27.3	47.6	92	—14	May 15	Sept. 26
Cornwall	20.4	15.6	36.4	47.2	57.8	67.1	71.1	64.9	63.0	50.2	31.7	25.5	45.9	96	—21	Apr. 12‡	Sept. 26
Enosburg Falls	19.7	15.3	35.9	45.8	57.2	66.7	66.7	.....	58.7	48.6	30.6	23.8	.....	.....	—30	May 15‡	Sept. 26‡
Hartland	19.4	14.8	34.9	43.6	53.9	62.8	66.6	60.4	58.2	46.5	29.8	21.4	42.7	91	—30	May 16	Sept. 26
Irasburg	16.0	11.2	31.8	42.3	55.8	64.4	65.8	59.7	[i]59.4	[c]45.8	27.5	18.2	41.5	91	—30	Apr. 30	.....
Jacksonville	17.9	14.9	32.6	38.8	50.2	61.6	64.6	59.2	55.9	43.5	27.5	23.4	40.8	95	—32	May 30	Aug. 27‡
*Northfield	17.6	12.6	34.0	43.0	54.4	64.5	67.2	61.2	59.0	47.8	28.4	21.8	42.6	91	—31	June 7	Aug. 27
Norwich (*f*)	[c]20.1	17.1	34.8	44.3	55.0	65.8	66.7	59.3	56.5	48.0	31.0	22.5	43.4	93	—30	May 22	Sept. 26
St. Johnsbury	.....	.....	33.1	44.4	56.1	66.0	68.4	61.4	59.1	47.9	30.0	21.7	.....	.....	.....	May 15	Sept. 26
Simonsville	17.4	13.6	32.6	38.8	51.1	63.8	66.4	60.7	57.8	45.0	27.8	23.2	41.5	93	—27	May 29‡	Sept. 26
Strafford (*a*)	25.1	15.9	33.3	43.6	54.4	63.8	67.1	62.0	59.1	47.2	29.5	22.4	43.6	90	—18	June 7	Aug. 27
Vernon (*f*)	21.6	18.2	37.7	44.4	56.6	66.2	71.4	67.5	62.5	49.5	32.0	23.0	45.9	97	—26	.....	Oct. —‡
Wells	21.5	16.4	35.1	43.4	56.9	66.2	70.5	63.9	63.1	49.2	31.3	26.0	45.3	92	—22	May 15‡	Sept. 26
Woodstock	19.8	15.2	35.6	45.0	56.6	67.0	69.8	63.1	59.8	48.2	29.6	21.6	44.3	96	—36	May 15‡	Sept. 26
Virginia.																	
Alexandria	38.2	35.6	49.8	53.6	67.2	74.3	78.8	75.6	72.8	57.4	42.8	37.0	56.9	99	5	Apr. 9‡	Nov. 6‡
Ashland	42.0	40.2	53.0	56.1	67.4	72.8	77.1	73.0	71.3	57.4	46.3	40.4	58.1	96	5	Apr. 16	Oct. 12
Avon	41.2	38.3	49.4	55.6	65.8	73.6	76.8	73.0	70.6	58.1	43.8	39.3	57.1	101	5	Apr. 12‡	Nov. 7‡
Bedford City	40.8	39.1	51.2	55.8	66.2	73.2	76.0	72.8	.....	57.3	44.1	40.6	.....	94	5	Apr. 3‡	Nov. 7‡
Big Stone Gap	37.8	35.8	46.8	51.7	61.5	69.4	70.2	69.7	66.5	52.0	38.7	35.4	53.0	93	— 5	May 19‡	Oct. 10‡
Birdsnest (*a*)	42.3	40.4	50.8	53.8	68.1	75.5	79.1	74.5	74.0	61.7	48.0	42.5	59.2	96	14	Apr. 16	Oct. 16
Blacksburg	36.6	34.6	46.2	49.0	60.4	68.0	70.7	68.8	66.4	52.7	39.4	35.4	52.4	98	— 3	Apr. 25	Oct. 12
Buckingham	.....	.....	.....	.....	.....	76.0	77.8	72.8	69.6	56.8	44.7	40.0	.....	98	.....	.....	Oct. 15‡
Callaville	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]56.2	46.2	40.9	.....	.....	.....	.....	Oct. 15‡
Cape Charles (*f*)	[d]42.4	41.9	49.1	50.8	68.0	73.7	76.4	74.8	72.4	.....	.....	43.1	.....	.....	.....	Apr. 12‡	.....
*Cape Henry	45.8	43.0	50.6	54.4	67.8	74.6	77.5	75.0	75.5	62.8	50.2	43.9	60.1	97	14	(‡)	Nov. 11
Charlottesville	40.8	38.8	51.6	55.8	68.0	75.5	.....	.....	.....	58.4	.....	.....	.....	.....	.....	Mar. 30‡	Oct. 15
Dale Enterprise	36.4	34.1	47.2	50.2	63.2	70.2	74.0	71.2	66.7	54.7	40.1	35.0	53.6	97	— 8	Apr. 9	Oct. 15
Fredericksburg	39.7	38.6	50.0	54.5	67.3	74.0	77.9	74.0	71.4	.....	.....	.....	.....	.....	.....	Apr. 29‡	.....
Grahams Forge	.....	.....	.....	.....	63.0	70.6	73.2	[d]72.0	[d]67.5	.....	[c]40.8	[c]36.7	.....	.....	.....	Apr. 24‡	Oct. 6
Hampton	43.2	42.3	51.6	54.9	69.5	75.8	79.1	75.1	74.6	62.4	49.0	43.5	60.1	95	12	Mar. 30‡	Nov. 7
Hot Springs	35.6	33.6	45.2	48.1	60.4	63.9	66.8	66.8	63.8	51.8	38.5	33.6	50.7	89	— 9	May 29‡	Oct. 6
Houston	.....	.....	.....	56.3	[c]66.7	73.8	78.4	75.0	[c]71.7	.....	.....	.....	.....	.....	.....	Apr. 3	.....
Irwin	40.0	39.4	50.4	55.7	67.5	74.6	77.8	73.9	70.1	57.2	45.3	39.0	57.6	99	6	Apr. 14‡	Oct. 15
Lexington	37.0	35.6	46.9	51.7	63.4	69.2	74.0	72.4	69.6	56.6	42.3	38.4	54.8	95	— 3	Apr. 14	Oct. 15
*Lynchburg	41.2	40.1	51.9	55.6	67.2	74.4	77.2	74.6	71.2	59.0	45.8	40.8	58.2	97	7	Apr. 3	Nov. 7
Marion	38.2	[d]37.8	48.2	52.0	62.0	[c]68.4	[d]71.6	[d]70.3	[d]66.0	.....	.....	[d]37.1	.....	91	— 5	Apr. 24‡	.....
*Norfolk	44.1	42.8	52.5	55.8	69.3	75.0	78.4	74.5	74.4	62.4	49.4	44.6	60.3	97	13	Mch. 28‡	Nov. 6
Nottoway	41.2	41.4	52.5	56.3	69.4	75.5	79.4	76.0	73.1	58.9	46.5	41.2	59.3	101	2	Apr. 3	Oct. 15
Petersburg	42.9	42.4	53.4	56.7	68.7	75.2	78.2	74.6	72.8	60.3	49.4	42.4	59.7	97	10	Apr. 3‡	Oct. 16
Richmond (near)	40.0	40.8	53.6	57.1	69.9	76.6	80.1	74.6	73.1	61.6	48.9	43.6	60.0	106	7	Apr. 11‡	Nov. 11‡
Rocky Mount	.....	.....	.....	.....	66.9	75.3	76.6	75.4	72.2	59.6	47.2	42.9	.....	98	.....	.....	Oct. 15
Salem	42.1	40.0	51.1	55.2	66.3	74.0	76.6	74.8	72.6	60.9	47.5	43.0	58.7	94	4	Apr. 3	Nov. 11‡
Saluda	42.8	41.0	51.4	54.3	68.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 9	.....
Smithville	.....	.....	.....	.....	.....	76.4	78.6	75.2	.....	.....	46.1	39.8	.....	.....	.....	.....	.....
Spottsville	41.0	40.2	51.0	54.6	68.8	74.8	78.7	73.4	71.6	58.2	45.0	40.4	58.1	99	10	Apr. 7	Oct. 15
Stanardsville	38.8	37.6	50.3	.....	66.6	72.8	75.9	72.5	70.8	57.8	43.4	38.5	.....	97	5	Apr. 3	Oct. 15‡
Staunton	39.8	36.4	48.4	52.6	65.2	71.7	74.8	72.9	68.6	56.7	42.8	38.0	55.7	98	— 3	Apr. 3	Oct. 12
Stephens City	38.0	34.3	47.6	52.4	66.2	73.7	77.2	73.8	70.1	57.4	41.8	35.3	55.6	100	1	Apr. 12‡	Oct. 15
Warrenton	.....	.....	.....	.....	65.1	71.4	76.2	73.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warsaw	[c]39.4	38.4	49.6	54.4	68.1	75.4	78.9	73.6	70.6	57.6	45.3	39.8	57.6	101	7	Apr. 9‡	Nov. 7‡
Whittles Depot	.....	.....	.....	.....	68.0	75.4	78.6	75.6	72.2	59.2	47.4	40.2	.....	.....	.....	.....	Oct. 15
Wytheville	36.9	35.0	47.5	50.3	61.2	68.8	70.0	69.0	65.8	52.0	39.1	35.4	52.6	89	— 5	Apr. 24‡	Oct. 11
Washington.																	
Aberdeen	40.8	37.4	43.4	47.8	52.5	56.8	60.8	64.4	58.1	49.8	46.0	37.8	49.6	94	20	.....	.....
Blaine	33.8	34.6	40.8	45.2	55.4	57.4	60.4	62.2	54.1	47.5	42.0	32.2	47.1	86	10	.....	.....
Bridgeport	27.6	28.7	43.2	50.2	61.5	65.8	73.8	73.0	59.6	47.6	38.8	26.0	49.6	104	0	.....	Oct. 10
Cascade Tunnel	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.4	36.6	35.2	.....	.....	.....	.....	.....
Centerville	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.1	45.4	33.0	.....	.....	.....	.....	.....
Chehalis	38.0	36.3	42.0	47.3	54.0	58.5	65.0	66.8	57.2	50.6	45.5	35.8	49.7	94	9	.....	.....
Colfax	28.3	28.4	39.0	47.6	55.7	59.8	66.2	66.4	54.9	47.2	44.0	32.0	47.5	96	— 7	.....	Oct. 7
Conconully	.....	.....	.....	.....	.....	.....	.....	70.8	.....	.....	39.0	23.4	.....	.....	.....	.....	.....
Connell	32.4	32.7	43.7	50.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Apr. 16	.....
Crystal Springs (*a*)	43.6	40.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Davenport	23.2	24.2	37.2	45.1	55.6	57.2	66.0	68.6	54.4	45.0	.....	.....	.....	.....	.....	June 10	.....
Dayton	33.4	32.1	42.3	.....	.....	61.6	73.0	73.1	58.9	.....	.....	.....	.....	.....	.....	.....	Sept. 23
*East Clallam	37.4	37.0	40.6	44.6	50.6	55.1	55.6	57.9	53.2	48.0	44.9	38.0	47.0	94	20	(‡)	Oct. 17
East Sound	37.8	37.4	42.6	46.4	51.8	55.0	61.2	61.3	56.0	49.2	45.2	38.9	48.6	81	17	Feb. 23	Nov. 10
Ellensburg	25.0	27.8	35.2	42.5	52.2	58.8	66.5	68.3	55.6	45.9	39.4	24.1	45.1	90	—14	.....	.....
Ellensburg (near)	.....	36.0	42.4	47.3	58.2	65.3	75.3	77.5	59.0	42.0	42.8	26.0	.....	100	.....	.....	.....
Everett	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.0	45.6	36.0	.....	.....	.....	.....	Nov. 15
Ferry	37.6	36.6	42.8	49.0	55.8	59.8	67.7	66.8	57.0	.....	47.8	38.1	.....	.....	.....	May 9	.....

‡ None reported.

§ Freezing temperature every month in the year.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Washington—Continued.																	
*Fort Canby	41.1	39.2	42.6	46.3	50.8	54.5	57.2	61.4	56.8	51.1	48.6	41.2	49.2	89	25	Apr. 22	Nov. 16
Fort Simcoe	29.2	30.1	42.7	50.2	.....	.....	72.2	73.8	60.4	50.8	44.8	31.2	.....	.....	.....	.....	Nov. 15
Fort Spokane	24.2	26.0	39.4	47.5	57.8	60.5	66.6	71.8	57.8	49.3	40.4	27.0	47.4	104	— 5	.....	.....
Fort Townsend	37.7	36.5	41.4	46.4	51.0	55.5	61.4	62.8	55.8	48.8	44.9	35.4	48.1	86	11	.....	.....
Grand Mound (a)	.....	.....	.....	.....	.....	.....	.....	.....	.....	47.6	46.5	36.8	.....	.....	.....	May 10	Oct. 18
Hunters	19.8	20.6	30.6	40.4	51.4	54.4	60.8	63.0	48.8	40.6	36.0	24.0	40.9	91	—10	June 12	Sept. 3
Index	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]46.2	39.0	.....	.....	.....	.....	Oct. 8
Kennewick	.....	33.6	.....	.....	[a]63.8	67.1	78.4	78.9	63.8	54.2	48.4	34.5	.....	.....	.....	May 10	.....
Lakeside	24.6	25.8	38.9	48.2	60.0	65.6	75.2	76.5	60.6	48.1	41.1	27.4	49.3	97	3	.....	.....
Lapush	42.4	40.6	41.0	46.0	50.6	56.1	57.6	60.2	55.8	49.2	46.8	39.4	48.8	84	22	Jan. 31	Dec. 7
Madrone (a)	38.9	37.9	43.1	47.5	53.7	58.2	61.9	63.2	56.4	50.6	47.3	38.2	49.7	88	15	Mar. 21	Nov. 16
Moxee Valley	30.8	32.6	41.6	49.8	60.2	67.7	72.2	72.8	58.4	47.4	42.3	29.3	50.4	100	0	June 10	Sept. 27
*Neah Bay	39.5	39.6	42.1	45.8	50.7	56.4	58.0	60.0	55.2	49.3	47.1	41.4	48.4	82	22	(‡)	(‡)
Olga	38.8	38.4	41.8	45.6	51.1	57.0	60.2	62.1	56.9	49.8	45.6	39.4	48.9	81	17	Mar. 23	Dec. 14
*Olympia	38.7	37.4	41.8	47.4	55.2	60.1	63.7	65.0	58.0	49.8	47.4	38.0	50.2	96	19	Mar. 12	Oct. 16
Pine Hill (a)	35.2	31.8	41.5	49.9	57.5	60.8	71.7	72.2	59.0	49.7	46.4	34.4	50.8	97	— 4	May 10	.....
Pomeroy	33.4	33.0	42.5	51.1	59.0	62.8	74.0	72.2	59.5	.....	.....	.....	.....	.....	.....	.....	.....
*Port Angeles	37.2	36.8	40.0	44.4	49.8	54.2	56.6	59.3	53.4	46.8	44.2	38.0	46.7	86	20	Apr. 22	Nov. 16
*Port Crescent	34.2	33.8	39.4	44.5	.....	53.6	57.5	61.0	52.0	45.2	42.8	36.5	.....	93	4	(‡)	(‡)
Pullman	26.2	24.8	35.8	45.0	53.6	57.4	66.6	68.1	54.4	47.2	42.2	30.2	46.0	98	—17	June 11	Sept. 23
*Pysht	35.2	35.0	39.0	44.8	50.4	55.4	57.2	60.6	53.2	46.8	43.4	37.4	46.2	83	16	Apr. 4	Oct. 17
Rosalia	25.1	25.4	36.4	49.6	53.5	56.8	65.4	71.8	53.8	46.2	41.8	30.8	46.4	97	—14	June 11	Sept. 22
*Seattle	38.8	38.3	42.6	48.0	53.4	58.7	64.3	65.9	57.6	50.6	47.4	39.4	50.4	88	21	May 10	Nov. 16
Silver Creek (a)	38.8	37.3	41.0	46.1	52.6	57.0	62.0	63.8	54.8	48.4	46.2	36.4	48.7	93	15	May 2	.....
Snohomish	.....	37.6	43.2	48.8	54.6	58.8	63.2	64.0	56.4	50.6	46.7	36.6	.....	.....	.....	Mar. 22	.....
*Spokane	26.4	27.7	38.4	47.1	57.2	60.6	70.0	71.4	57.0	48.6	42.9	31.4	48.2	98	— 2	Apr. 3	Oct. 7
Stampede	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]42.5	41.0	29.8	.....	.....	.....	.....	.....
Stillaguamish	.....	35.6	39.8	47.6	53.0	60.8	62.0	62.2	.....	.....	.....	32.2	.....	.....	.....	.....	.....
Sulphur	.....	.....	.....	.....	59.0	66.2	76.7	77.4	61.8	.....	.....	.....	.....	.....	.....	.....	.....
Sunnyside	.....	30.4	.....	.....	.....	.....	.....	.....	.....	49.2	.....	29.8	.....	.....	.....	.....	.....
Tacoma	38.4	37.4	42.2	47.5	52.8	58.0	63.6	65.2	57.6	49.3	46.0	36.8	49.6	89	19	Feb. 24	.....
*Tatoosh Island	39.8	39.0	41.6	44.5	48.1	53.0	54.7	57.0	53.8	48.9	47.0	41.2	47.4	80	26	Mar. 19	Dec. 15
Union City (a)	37.3	36.1	38.1	45.4	53.0	58.2	62.4	62.7	54.6	47.9	43.4	32.2	47.6	85	18	Apr. 16	Oct. 21
Vashon	33.6	32.2	36.8	42.0	47.5	.....	.....	.....	52.5	45.0	42.2	34.0	.....	.....	.....	.....	.....
*Walla Walla	33.7	33.0	44.4	51.6	59.4	63.9	75.5	76.8	62.2	53.6	47.2	34.8	53.0	108	6	Mar. 22†	Oct. 20
Waterville	20.0	17.9	30.6	43.6	52.9	58.4	67.8	69.6	54.4	43.2	36.6	22.6	43.1	98	— 6	.....	Sept. 17
Wenatchee Lake	15.2	22.9	30.7	40.4	51.4	57.4	63.9	63.6	53.5	43.2	36.5	23.8	41.9	96	—14	.....	Sept. 23
West Ferndale	35.0	34.0	41.0	44.6	52.8	57.1	62.9	61.4	.....	48.2	43.2	38.0	.....	92	14	Apr. 30	Oct. 17
West Virginia.																	
Beverly	39.0	34.6	46.1	49.4	64.7	71.5	72.7	71.6	68.8	53.5	38.0	36.3	53.8	92	—12	May 29	Oct. 15
Bloomery	33.4	30.5	40.7	46.6	59.0	66.5	70.4	67.4	65.4	54.6	37.1	31.5	50.3	95	— 1	May 29	.....
Bluefield	35.7	33.6	47.3	50.5	59.5	68.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 29	.....
Buckhannon	34.1	32.9	45.6	49.8	61.0	.....	69.5	[1]68.0	66.3	52.9	.....	.....	.....	.....	.....	.....	.....
Burlington	36.5	32.8	45.7	49.6	62.9	72.2	74.8	71.9	67.3	54.0	37.9	33.7	53.3	99	— 3	May 29	Oct. 12
Central Station	37.5	35.1	.....	51.6	64.3	73.7	74.5	73.6	67.9	.....	.....	.....	.....	97	.....	.....	.....
Creston	.....	.....	.....	.....	.....	.....	.....	.....	[a]69.8	53.8	38.6	.....	.....	.....	.....	.....	.....
Davis	34.7	27.9	40.9	42.9	54.4	62.1	65.5	62.8	[1]59.6	49.0	37.9	.....	.....	87	.....	May 28	Sept. 25
Elkhorn	40.4	38.3	49.6	52.9	62.9	69.4	71.1	70.6	68.2	55.5	43.1	39.6	55.1	92	— 4	.....	Oct. 15
Ella	34.7	30.5	45.8	50.0	61.2	71.3	75.9	73.8	70.5	57.0	39.4	36.4	53.9	99	— 4	May 29	Oct. 15
Glenville	36.4	34.3	45.6	51.0	61.9	69.7	72.4	71.0	67.9	54.2	39.8	35.5	53.3	94	—22	Mar. 29	Oct. 12
Grafton	37.0	32.8	46.5	50.0	61.9	69.5	72.0	70.4	68.8	55.6	39.0	36.0	53.3	93	—11	Apr. 9	Oct. 15
Huntington	37.8	.....	.....	.....	.....	.....	.....	[1]73.4	69.0	55.5	.....	.....	.....	.....	.....	.....	.....
Madison	.....	.....	.....	55.0	65.0	72.3	72.1	71.0	68.4	53.9	37.4	37.1	.....	.....	.....	.....	Oct. 10
Marlinton	33.1	31.3	41.1	47.2	.....	66.9	.....	.....	.....	.....	38.5	.....	.....	.....	.....	.....	.....
Martinsburg	37.1	31.8	45.2	50.7	64.4	70.0	75.7	71.2	69.1	56.0	41.3	33.8	53.9	98	1	.....	Oct. 15
Monarch (a)	[c]39.3	38.0	48.8	53.4	64.2	70.2	74.4	73.9	69.9	54.0	.....	38.6	.....	95	— 2	Apr. 13	.....
Morgantown	34.8	32.6	44.8	.....	64.2	65.6	73.4	71.6	70.4	53.5	43.9	36.7	.....	.....	.....	.....	.....
New Cumberland	.....	.....	.....	.....	.....	.....	74.6	71.8	69.2	56.1	*40.5	36.5	.....	.....	.....	.....	.....
New Martinsville	37.9	35.0	49.6	52.9	63.0	70.5	74.8	72.8	69.4	56.0	41.4	37.3	55.0	97	—12	.....	Oct. 9
Nuttallburg	.....	.....	.....	.....	62.3	69.4	72.9	72.5	72.9	58.4	39.4	36.4	.....	103	.....	.....	.....
*Parkersburg	37.4	33.3	48.0	52.5	62.8	72.3	75.5	73.8	70.2	56.0	40.3	36.2	54.9	96	— 4	Apr. 3	Oct. 9
Parkersburg	37.0	33.8	47.3	52.2	62.1	71.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pleasant Hill (c)	32.6	27.8	39.6	46.7	59.1	68.4	72.8	69.9	59.2	.....	.....	42.8	.....	94	—10	May 29	.....
Point Pleasant	39.1	36.9	50.0	54.4	65.2	74.6	77.3	74.8	71.6	57.0	43.1	37.1	56.8	100	— 5	.....	Oct. 9
Powellton	.....	.....	.....	.....	.....	71.5	73.2	71.8	67.4	51.2	40.1	36.5	.....	95	.....	May 29	Oct. 14
Raleigh	35.4	32.9	43.6	46.9	57.7	67.3	70.9	68.5	63.0	.....	36.9	31.7	.....	92	— 5	May 29	.....
Sandyville	35.6	33.7	43.8	50.0	62.2	70.9	73.7	71.9	68.7	54.4	39.3	34.6	53.2	97	—26	Mar. 27	Oct. 9
Spencer	39.2	38.1	45.6	53.4	60.9	70.7	75.3	75.6	70.0	54.5	37.5	35.1	54.7	98	—21	May 29	.....
Tannery (a)	35.8	31.0	46.5	50.3	61.7	71.5	73.3	70.8	67.3	54.3	39.2	35.8	53.1	100	— 9	May 29	Oct. 12
Weston (a)	38.6	35.6	47.5	52.3	63.8	72.5	75.5	73.6	69.6	55.7	42.2	37.9	55.4	94	— 6	.....	.....
Wheeling	39.4	35.0	49.5	53.5	63.5	72.5	76.1	72.9	70.6	56.6	42.2	37.5	55.8	97	— 4	.....	.....
Wisconsin.																	
Amherst	15.6	13.3	35.6	46.8	53.7	69.2	73.6	68.4	61.4	47.4	27.0	27.8	45.0	99	—22	June 5	Sept. 25
Antigo	.....	.....	.....	.....	56.0	68.0	70.4	66.4	61.4	.....	27.2	24.6	.....	.....	.....	June 6	Sept. 24
Ashland	19.6	19.6	.....	[c]45.7	53.2	.....	.....	.....	.....	[c]48.3	[c]28.8	.....	.....	.....	.....	May 21	.....
Baraboo	21.0	17.5	39.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Barron	8.8	10.0	31.1	45.1	53.6	67.1	70.6	66.8	59.0	45.8	25.6	29.0	42.7	98	—42	June 6	Sept. 11
Bayfield	14.8	13.0	30.1	38.8	49.6	65.6	[c]69.8	65.6	60.8	47.4	28.7	27.2	42.6	97	—22	June 5	Sept. 25
Beaver Dam	21.7	19.4	39.1	48.2	57.4	71.4	77.4	72.8	63.4	51.8	31.3	28.4	48.5	98	—19	May 19	Sept. 24
Belleville	20.2	16.2	37.3	47.6	56.8	69.2	71.2	69.5	61.8	48.0	28.8	27.9	48.2	100	—27	June 6	Sept. 25
Beloit	23.5	20.3	40.6	50.2	58.2	72.4	74.8	71.4	64.7	50.9	32.5	30.6	49.2	100	—25	Apr. 13	Oct. 14
Black River Falls	13.9	14.8	36.3	48.2	58.4	65.0	73.0	69.6	61.3	47.6	27.2	27.2	45.2	103	—29	June 6	Sept. 11
Butternut	7.4	8.2	28.1	.....	.....	.....	.....	.....	.....	.....	.....	23.0	.....	.....	.....	.....	.....
Cadiz (c)	20.5	16.0	26.0	46.2	54.1	67.7	69.2	65.6	.....	.....	.....	.....	.....	.....	.....	May 19	.....
Centralia	16.8	15.4	35.2	49.2	56.6	70.6	73.0	69.2	62.8	48.6	27.3	26.5	45.9	99	—26	June 6	Sept. 25
Chilton	20.0	18.0	37.8	46.8	54.4	69.2	73.2	70.0	63.0	50.0	29.0	29.0	46.7	100	—19	May 30	Sept. 25

[1] T. G. Field.

‡ None reported.

MONTHLY AND ANNUAL MEAN TEMPERATURE, ETC., 1894—Continued.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual. Mean.	Annual. Extremes. Max.	Annual. Extremes. Min.	Killing frost. Last in spring.	Killing frost. First in autumn.
Wisconsin—Continued.																	
City Point	13.9	13.7	36.8	48.8	56.6	67.8	68.7	69.6	.....	.....	27.0	26.6	.....	97	.....	June 6	.....
Columbus	20.0	19.9	.....	.....	56.6	70.2	72.2	68.4	60.1	49.5	27.0	22.2	.....	100	.....	May 31	Sept. 25
Crandon	13.4	11.6	30.4	41.8	49.8	68.6	71.8	67.5	60.4	47.4	24.0	.....	.....	99	.....	June 6	Sept. 18
Delavan	23.4	19.7	39.8	48.1	56.6	70.0	72.8	70.6	63.8	49.0	30.8	30.1	47.9	101	—23	June 6	Sept. 25
Depere	.....	.....	.....	.....	53.5	69.2	72.4	67.8	62.8	49.1	29.8	28.2	.....	.....	.....	May 28	Sept. 25
Eau Claire	11.4	13.8	35.2	48.4	57.2	.....	.....	.....	.....	49.1	26.0	27.2	.....	.....	.....	May 20	.....
Estella	10.8	11.6	32.2	45.7	54.2	66.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	June 7	.....
Florence	14.8	12.1	31.2	41.1	48.0	64.4	67.2	62.2	56.7	45.9	24.4	24.2	40.8	97	—31	June 5	Aug. 29
Fond du Lac	19.4	17.8	38.7	47.0	55.3	69.5	72.5	69.4	63.6	48.8	29.4	26.6	46.5	100	—21	May 20	Sept. 25
Grantsburg	11.2	14.8	33.2	48.6	57.6	72.3	73.4	70.6	62.0	47.0	30.0	29.8	45.9	105	—36	June 6	Aug. 2
*Green Bay	18.6	16.9	37.0	46.4	53.2	70.1	72.9	68.0	63.6	49.2	29.8	28.8	46.2	97	—16	May 28	Sept. 25
Hartford (c)	21.8	16.9	35.4	43.4	51.8	65.2	.....	.....	60.2	.....	.....	.....	.....	.....	.....	May 28	Sept. 24
Harvey	20.8	18.0	37.8	47.2	55.7	69.6	72.5	69.2	61.6	49.3	30.2	29.3	46.8	99	—21	June 6	Sept. 25
Hayward	7.5	9.8	30.0	45.8	[c]51.6	.....	70.2	65.8	58.8	45.2	[c]21.0	23.0	.....	96	—41	June 5	Sept. 11
Hillsboro	17.4	16.6	37.0	47.4	56.3	68.7	72.1	69.7	61.1	47.6	27.8	29.0	45.9	[1]92	—20	May 28	Sept. 18
Janesville	23.0	19.0	39.2	49.0	57.6	71.4	74.1	70.9	64.6	49.6	32.3	31.2	48.5	100	— 6	May 19	Sept. 25
Juneau	21.8	19.0	39.2	48.2	56.6	70.3	73.6	71.2	.....	.....	.....	.....	.....	.....	.....	June 6	.....
Kenosha (h)	.....	.....	.....	46.8	56.9	72.7	77.5	76.2	65.7	56.0	38.6	.....	.....	.....	.....	.....	.....
Koepenick (a)	16.1	13.8	31.8	45.8	54.0	66.0	71.6	65.2	61.8	40.4	26.7	22.2	42.9	94	—26	.....	.....
*La Crosse	18.0	18.7	38.8	50.7	60.4	71.8	75.6	72.3	64.1	50.5	29.7	30.1	48.4	101	—19	May 4	Oct. 9
Lancaster	17.8	16.4	36.6	49.6	59.5	70.9	72.5	72.0	63.2	48.2	28.2	[c]26.3	46.8	102	—24	May 18	Oct. 6
Lincoln (b)	20.9	20.8	36.4	45.7	54.4	73.4	79.8	70.8	62.4	51.3	34.4	.....	.....	.....	.....	May 28	.....
Madison	20.6	18.0	38.3	47.8	57.4	71.4	74.6	71.6	64.4	50.4	30.4	29.0	47.8	96	—18	Apr. 30	Oct. 9
Manitowoc	21.3	18.9	35.3	43.2	49.9	65.6	69.6	65.2	61.3	47.2	30.8	29.4	44.8	97	—13	May 18	Oct. 9
Meadow Valley	15.8	13.6	34.1	47.9	57.1	68.7	70.0	65.8	58.4	44.6	26.6	26.6	44.1	97	—28	June 6	Sept. 11
Medford	11.4	13.0	32.5	44.8	52.8	68.3	70.2	66.4	59.6	46.6	24.8	24.2	42.9	99	—38	June 6	Sept. 24
Menomonie	6.4	10.8	31.3	46.4	55.4	68.7	72.0	68.1	60.2	46.2	21.8	23.2	42.5	103	—40	June 6	Sept. 17
*Milwaukee	24.6	21.4	38.9	45.4	53.9	68.8	72.5	69.1	64.2	49.9	31.8	31.3	47.6	97	—14	May 28	Sept. 25
Neillsville	13.3	13.4	34.8	47.4	55.6	68.0	70.6	67.8	60.0	47.8	26.8	26.6	44.3	96	—30	June 6	Sept. 11
New Holstein (a)	18.8	18.0	37.8	44.8	52.3	.....	.....	68.4	61.4	49.7	.....	26.9	.....	.....	.....	May 19	Sept. 25
Oconomowoc	22.2	19.2	40.3	48.6	56.0	70.2	74.0	70.4	65.0	50.8	31.2	30.0	48.2	100	—19	May 20	Sept. 25
Oconto	18.8	17.2	36.0	45.7	52.6	67.8	69.9	64.4	61.4	48.6	29.8	28.6	45.1	97	—15	June 5	Sept. 25
Osceola	7.8	9.6	31.6	47.4	56.1	71.2	72.4	69.0	61.0	46.7	24.2	24.5	43.5	104	—42	June 6	Sept. 17
Oshkosh	20.6	19.7	39.1	47.9	[c]57.4	.....	.....	70.6	[c]66.0	49.8	31.0	29.5	.....	.....	—17	May 21	.....
Pepin	11.7	15.2	34.6	50.2	58.8	72.3	76.0	69.8	60.4	47.7	27.8	26.5	45.9	101	—29	Apr. 21	.....
Pine River	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]50.4	28.6	28.4	.....	.....	.....	.....	.....
Port Washington	22.8	18.6	37.5	44.2	51.8	67.2	71.0	67.8	62.6	48.7	32.4	30.7	46.3	97	—15	Apr. 22	.....
Prairie du Chien	20.0	19.5	37.8	50.0	[f]60.6	71.8	75.6	72.6	63.4	47.4	28.2	27.5	47.9	107	—25	Apr. 21	Sept. 18
Racine (h)	.....	19.5	36.6	44.8	51.4	65.5	70.8	68.5	63.7	50.0	33.4	30.1	.....	.....	.....	.....	.....
Raymond	23.7	20.1	39.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reedsburg	20.7	17.2	38.8	49.2	57.6	70.4	73.2	71.6	63.6	.....	29.8	.....	.....	101	.....	Apr. 13	Sept. 25
Royalton	.....	.....	.....	.....	55.8	70.2	72.0	68.0	61.8	48.6	28.4	26.5	.....	.....	.....	May 30	Sept. 25
Sharon	22.9	19.5	39.0	49.0	57.2	71.2	73.4	69.7	63.0	48.8	29.8	28.5	47.7	98	—19	June 5	Sept. 24
Shawano	18.0	16.6	35.4	45.2	52.1	68.2	70.8	65.2	59.6	47.0	28.9	27.8	44.6	97	—24	June 5	Sept. 24
Sheboygan (i)	20.7	20.0	37.2	44.6	51.6	67.2	72.8	68.6	63.3	48.4	33.0	31.6	46.6	.....	.....	.....	.....
Spooner	.....	.....	.....	.....	.....	.....	.....	68.3	61.0	47.6	25.8	24.7	.....	.....	.....	May 20	Sept. 25
Stevens Point	15.6	15.2	36.0	47.2	57.3	69.5	72.4	68.6	63.0	48.6	27.8	27.2	45.7	98	—32	June 6	Sept. 18
Sturgeon Bay Canal (i)	.....	.....	.....	41.2	48.8	62.0	68.2	64.4	59.2	48.0	31.8	29.3	.....	.....	.....	.....	.....
Two Rivers (h)	.....	.....	.....	44.6	50.6	64.4	69.2	65.6	61.4	48.0	34.5	.....	.....	.....	.....	.....	.....
Valley Junction	16.4	16.1	37.5	48.0	57.6	67.0	70.3	68.2	61.6	48.2	29.2	28.4	45.7	100	—30	June 6	Aug. 3
Viroqua	16.6	17.2	36.4	49.1	57.4	69.9	73.8	71.5	60.6	48.7	28.2	27.6	46.4	102	—22	Apr. 22	Sept. 24
Watertown	23.4	18.0	37.2	46.4	54.5	70.4	72.2	69.2	63.0	47.4	28.6	28.8	46.6	98	—15	June 6	Sept. 25
Waukesha	.....	.....	38.9	47.5	55.9	71.0	73.8	70.7	64.8	49.8	30.9	29.2	.....	97	—19	June 6	Oct. 14
West Bend	21.3	19.4	36.0	47.0	51.0	69.0	73.5	69.0	54.0	50.0	34.6	31.0	46.3	98	—16	.....	.....
Westfield	18.0	16.9	37.9	47.6	57.0	70.6	73.0	70.6	63.0	48.6	28.6	29.6	46.8	100	—21	May 18	Sept. 18
Weston (c)	10.1	10.6	32.8	46.4	55.9	69.8	73.8	68.0	58.2	45.6	25.7	24.9	43.5	105	—27	June 6	Sept. 18
Whitehall	12.2	15.4	37.8	51.4	.....	.....	77.0	.....	63.7	50.4	.....	.....	.....	.....	.....	.....	Sept. 18
Wyoming.																	
Big Horn Ranch	20.2	16.4	28.8	39.2	48.1	73.7	59.8	62.2	47.1	40.4	.....	22.7	.....	.....	.....	June 14†	Sept. 4
Camp Pilot Butte	17.6	.....	31.0	41.5	54.4	61.5	68.6	68.2	53.4	43.6	.....	.....	.....	.....	.....	.....	.....
*Cheyenne	25.4	20.4	33.2	44.0	54.0	61.4	67.7	66.8	56.4	49.2	41.0	27.6	45.6	94	—17	May 1	Sept. 17
Fort Laramie	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.2	41.0	29.7	.....	.....	.....	.....	.....
Fort McKinney	20.6	19.6	29.1	44.6	55.8	61.9	69.1	72.6	54.2	48.5	.....	.....	.....	.....	.....	.....	.....
Fort Washakie	20.6	15.1	31.5	42.8	58.6	60.4	67.2	67.6	53.4	45.8	37.0	20.4	43.4	93	—26	.....	.....
Fort Yellowstone	17.2	12.2	27.2	38.0	49.8	58.0	66.4	68.2	.....	.....	36.0	19.9	.....	.....	.....	.....	.....
La Barge	.....	.....	18.2	29.7	.....	.....	62.6	62.0	47.9	.....	30.8	.....	.....	.....	.....	.....	.....
*Lander	17.7	12.6	32.0	43.6	54.2	60.0	66.8	66.8	52.9	45.8	36.8	20.4	42.5	94	—28	May 10	Sept. 4
Lander[1]	21.4	17.9	32.6	43.8	55.3	[c]60.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	May 10†	.....
Laramie	19.9	16.2	29.4	39.1	50.2	55.8	63.2	62.2	52.0	44.4	36.2	21.5	40.8	88	—27	May 24†	Sept. 14
Lusk	.....	.....	.....	46.4	58.1	65.6	69.6	69.8	56.2	47.3	37.0	.....	.....	.....	.....	May 9†	Sept. 17
Saratoga	18.2	13.3	29.6	40.0	51.4	56.6	64.6	62.8	50.6	42.8	34.4	19.6	40.3	88	—29	June 14†	.....
Sheridan	12.4	9.2	27.5	47.7	55.4	63.0	68.5	68.5	54.3	45.6	38.0	22.6	42.7	96	—36	May 10	Sept. 14
Sundance	13.0	13.8	26.6	42.2	54.0	.....	66.7	68.8	54.2	44.9	33.6	26.7	.....	.....	.....	May 10†	.....
Wheatland	25.8	23.2	26.8	47.8	58.4	63.9	.....	70.6	.....	.....	.....	.....	.....	.....	.....	May 10†	.....

[1] J. S. Meyers.

Blank page retained for pagination

PART V.

MONTHLY AND ANNUAL PRECIPITATION.

ALL STATIONS.—1894.

The precipitation values given in the following tables have been taken largely from the records of voluntary (unpaid) observers. The paid stations of the Weather Bureau are indicated by an asterisk (*). Probably two-thirds of the voluntary observers have standard rain gauges, the remainder having gauges similar in pattern to the standard, or, in a few cases, improvised gauges of their own construction.

The bracketed values have been obtained by a comparison of the data for adjacent stations and are to be considered only as an approximation to the true amount.

When two or more observers reside in the same city the reports of all are given. The discrepancies between the amounts recorded by the separate observers are often considerable; in general they are due to differences in exposure, although at times one observer may make the last measurement of the month at 6 o'clock a. m., whereas another observer may defer it to 9 p. m., thus causing a difference in the amounts recorded on the last day of the month.

The small roman letters in the body of the table indicate the number of days missing from the records for the months in which they appear, thus "c" indicates three days missing, "d" four days, etc.

Blank page retained for pagination

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Alabama.													
Auburn	.....	9.78	2.54	2.38	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bermuda	1.77	9.59	5.57	3.05	1.79	2.07	2.74	5.83	1.44	4.72	0.55	5.48	44.60
Birmingham	8.49	4.49	4.44	4.48	3.27	2.80	4.20	.....	.....	.....	.....	.....	.....
Brewton	2.40	16.49	7.88	2.25	4.65	2.65	.....	.....	.....	0.30	.....	0.75	.....
Carrollton	7.71	4.32	4.82	4.36	1.06	2.12	3.98	10.43	2.24	0.74	0.53	6.15	48.46
Chepultepec	5.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Citronelle	2.21	10.08	6.48	4.23	4.66	1.44	8.68	7.61	2.20	5.00	0.03	5.68	58.30
*Claiborne Landing	1.96	8.20	4.90	5.02	2.20	.....	.....	.....	1.60	5.90	0.25	3.61	.....
Clanton	.....	.....	.....	4.81	2.16	2.65	1.89	8.19	.....	.....	.....	.....	.....
Collirene	.....	.....	.....	.....	.....	2.72	3.05	6.70	1.85	2.75	0.62	2.95	.....
*Cordova	5.48	5.39	4.13	6.63	2.05	2.80	3.56	7.95	2.54	1.40	0.36	5.63	47.92
Daphne	.....	.....	8.06	3.09	1.66	4.50	6.37	5.84	4.63	5.97	T.	3.24	.....
*Decatur	.....	.....	.....	.....	1.74	1.83	4.13	5.13	2.08	1.14	0.70	4.01	.....
*Demopolis	3.80	7.72	4.28	3.30	1.30	.....	2.75	4.22	[3]1.05	.....	1.01	5.13	.....
Elba	.....	.....	7.63	3.13	3.60	5.32	3.73	4.66	1.35	.....	.....	.....	.....
*Eufaula[1]	4.50	10.20	3.22	2.67	2.25	2.23	6.79	5.50	3.04	4.77	0.82	3.78	49.77
*Eufaula[2]	4.25	10.61	3.12	2.74	1.89	2.43	7.21	3.88	2.95	5.04	0.76	3.89	48.77
*Evergreen	.....	.....	.....	.....	2.73	1.62	1.59	4.96	1.14	5.71	0.63	3.61	.....
*Florence[2]	6.10	6.76	4.54	2.58	2.91	1.60	2.88	10.36	2.65	0.61	0.83	3.42	45.24
Florence[3]	6.18	6.44	5.59	2.73	2.60	1.01	3.50	10.60	2.78	0.55	0.92	3.42	46.32
*Fort Deposit	0.69	10.44	4.91	5.37	1.65	3.32	2.97	4.37	1.97	5.91	0.55	5.87	48.02
*Gadsden	5.83	7.36	2.72	3.94	1.92	6.28	3.97	4.53	3.80	0.90	1.27	6.26	48.78
Geneva	6.14	13.05	.....	6.15	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greensboro	4.91	5.61	4.94	3.32	1.44	0.74	2.90	7.37	3.46	0.65	1.03	5.38	41.75
Healing Springs	3.34	8.24	5.18	1.91	1.93	2.67	5.23	7.51	6.18	0.48	0.52	7.17	50.36
Highland Home	1.92	7.57	4.26	4.29	0.75	1.82	6.19	4.76	1.01	6.15	0.38	5.55	44.65
Jasper	.....	.....	.....	.....	.....	.....	.....	.....	1.50	1.00	0.52	7.17	.....
*Livingston	3.48	6.08	4.57	4.59	1.44	0.96	4.10	5.34	2.47	0.33	1.38	5.61	40.35
Lock No. 4	7.89	5.66	5.31	.....	4.15	.....	.....	7.05	2.51	0.65	0.95	[5]2.06	.....
*Lynn	4.88	5.57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madison Station	4.30	4.98	3.83	3.05	0.65	2.25	5.81	4.12	2.02	1.41	0.73	5.04	38.19
Maple Grove	6.22	4.48	3.73	3.28	1.21	3.41	5.61	5.13	4.21	0.66	1.08	7.39	46.41
*Marion	3.60	6.24	2.89	2.87	2.46	2.87	3.56	12.47	3.71	0.63	1.05	3.92	46.27
*Mobile	3.97	9.46	11.51	1.98	1.44	1.84	5.91	4.49	4.37	4.31	0.21	4.42	53.91
Montevallo	.....	.....	.....	3.73	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Montgomery	2.58	6.98	4.88	3.49	2.56	2.45	4.38	4.76	0.85	2.96	0.73	4.73	41.35
Mount Willing	2.38	8.33	5.91	4.90	3.73	1.72	4.43	5.30	1.72	5.22	0.56	4.71	48.91
Newbern	4.22	5.45	4.39	2.57	2.57	0.99	4.04	12.00	1.61	0.57	1.49	4.18	44.08
Newburg	5.63	5.33	5.31	4.37	2.02	2.37	4.35	5.92	2.81	0.61	1.35	4.50	44.57
Newton	9.38	14.81	3.61	5.21	5.92	4.82	7.22	7.07	2.85	5.89	.....	.....	.....
Oneonto	7.73	.....	.....	.....	.....	.....	.....	.....	2.64	0.45	T.	.....	.....
*Opelika	.....	2.22	1.75	0.48	1.98	0.18	2.34	5.03	1.47	3.17	0.72	2.10	.....
Oxanna	7.73	5.98	4.11	4.90	2.92	0.88	6.32	4.46	3.41	1.72	1.30	7.69	51.42
*Pine Apple	1.74	6.51	5.85	2.32	2.45	2.74	4.11	4.77	1.43	1.62	0.39	3.51	37.44
Pushmataha	4.82	7.65	5.11	5.08	2.88	1.47	3.26	6.29	3.67	0.11	0.78	4.65	45.77
Rock Mills	4.03	8.81	5.81	3.81	1.75	0.81	13.37	6.91	2.66	3.43	0.67	4.57	56.63
Scottsboro	5.89	5.57	4.09	3.00	1.02	1.50	10.41	2.77	.....	1.37	0.46	6.43	.....
*Selma	3.67	13.94	4.72	2.82	2.64	0.95	4.64	13.13	1.93	1.67	0.99	5.04	56.14
Starlington	1.83	11.51	5.80	4.50	2.30	4.20	3.82	2.50	1.56	.....	.....	.....	.....
*Sturdevant	0.86	1.71	1.31	1.52	2.47	0.69	4.11	4.03	1.05	0.39	.....	2.78	.....
*Talladega[4]	7.37	6.02	4.16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Talladega[5]	7.78	5.68	4.70	3.10	2.22	1.42	4.81	8.40	.....	.....	.....	.....	.....
*Tallassee Falls	3.23	8.35	4.24	2.43	1.46	0.95	3.07	9.20	.....	4.56	.....	6.00	.....
*Thomasville	.....	.....	.....	.....	2.90	1.19	5.80	6.75	1.74	1.42	0.26	.....	.....
*Tuscaloosa	8.57	4.73	5.18	4.46	0.69	1.16	3.92	6.64	5.19	0.97	1.03	5.97	48.51
*Tuscumbia	.....	.....	.....	.....	2.72	1.57	3.63	6.85	3.14	0.53	1.09	.....	.....
Union	.....	.....	4.60	4.14	0.80	[6]1.55	5.06	8.43	0.75	0.63	0.70	5.00	.....
*Union Springs	3.23	9.21	3.14	4.28	1.17	1.63	3.91	8.84	1.52	6.19	0.96	4.75	48.83
Uniontown	3.29	6.61	4.61	3.80	1.53	1.03	7.44	11.91	2.01	0.55	0.94	4.20	47.92
Valley Head	4.57	5.45	4.11	3.04	2.74	4.39	3.50	7.60	3.38	1.54	0.78	5.35	46.45
*Warrior	7.15	4.71	3.14	3.80	2.44	.....	.....	.....	.....	.....	.....	5.99	.....
Wetumpka	3.15	7.87	3.54	1.79	3.74	2.46	3.15	5.99	1.34	3.23	0.88	4.45	41.59
*Wilsonville	5.99	5.86	5.58	3.11	3.52	2.08	5.13	17.35	3.49	1.67	.....	4.68	.....
Alaska.													
Coal Harbor	1.91	0.26	1.11	0.51	4.60	4.40	0.88	5.17	4.21	4.48	5.89	4.41	35.99
Holy Cross Mission	3.53	0.56	1.74	0.52	0.21	1.75	.....	.....	.....	.....	.....	.....	.....
Juneau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.22	.....
Killisnoo	5.85	8.25	7.70	4.20	2.85	3.15	3.95	5.60	5.05	6.15	5.35	4.05	62.15
Metlakahtla	7.48	16.03	8.10	10.56	5.22	2.53	7.97	.....	.....	.....	.....	.....	.....
Arizona.													
Antelope Valley	0.15	0.20	.....	0.00	0.41	0.00	2.06	.....	.....	1.80	.....	.....	.....
Arizola	0.21	0.46	0.75	0.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona Canal Company's dam	0.13	0.49	1.20	0.00	T.	0.00	.....	0.92	T.	0.53	.....	.....	.....

[1] Cotton region observer.
[2] River observer.
[3] Richard Smith.
[4] Special rainfall observer.
[5] Prof. J. W. A. Wright.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Arizona—Continued.													
Benson [1]	T.	1.50	0.40	0.00	0.00	0.10	1.65	2.03	0.95	0.00	0.00	0.74	4.57
Benson [2]						0.10	1.14	2.58	1.21	0.82	0.00		
Bisbee	0.61	1.25	1.91	0.00	0.00	0.00	1.63	8.73	0.39	1.47		1.31	
Buckeye	T.	0.50	0.90	0.00	0.00	0.00	0.30	2.90	0.50	1.30	0.00	1.50	7.90
Calabasas	0.60	0.75	0.79	0.08	0.00	0.00	2.23	2.49	0.41	1.15	0.00	1.79	10.29
Casa Grande	0.00	0.10	0.62	0.00	0.07	0.00	0.67	0.81	0.89	0.13	0.00	2.53	5.82
Chiricahua Mountains	1.60		1.80										
Dragoon	0.43	1.77		0.00	0.00		1.69	4.78				2.54	
Dragoon Summit	0.43	1.38	0.92	0.00	0.00	0.00	6.40	5.01	0.67	0.78	0.00	1.70	17.29
Dudleyville	0.62	1.17	1.22	T.	0.47	T.	4.02	1.79	1.52	0.81	0.00	3.50	15.12
Eagle Pass	0.40	1.63	0.81	0.35	0.35	T.	1.30	2.22	0.60	1.02	0.00	2.99	11.67
Farleys Camp	0.15	0.60	1.55	0.25	0.00	0.00	0.90	1.90	2.50	1.50	0.00	3.15	12.50
Flagstaff	2.00	2.40	5.20	0.33	0.70	0.00	0.94	2.34	1.52	0.40	0.00	5.99	21.82
Florence	0.39	0.74											
Fort Apache	1.24	0.96	1.36	0.19	0.79	0.00	1.27	5.01	1.32	2.47	0.00	2.81	17.42
Fort Bowie	0.65	2.55	1.07	0.01	T.	T.	1.07	4.80	1.06				
Fort Grant	0.38	3.43	0.66	0.13	0.37	0.00	2.55	1.98	0.14	1.10	0.00	2.79	13.53
Fort Huachuca	0.32	2.06	1.12	0.00	T.	T.	1.85	5.61	0.15	0.58	0.00	2.26	13.95
Gila Bend	0.00	0.40	0.71	0.00	0.00	0.00	0.99	0.00	0.00	0.60	0.00	1.55	4.25
Globe	0.79	1.46	0.94	0.01	0.22	0.00	1.03	3.06	0.26	0.87	0.00	4.23	12.87
Holbrook	0.02	0.61	0.16	0.57	0.11	0.13	1.01	0.88	1.48	0.83	0.00	0.43	6.23
Keams Canyon	0.17	0.63	0.56	0.22	0.40	0.00	1.18	1.01	0.30	0.73	0.00	1.78	6.98
Lochiel	0.35	1.28					6.68	3.26	0.25		0.00	1.89	
Maricopa	0.32	0.12	0.50	0.00	0.00	0.00	0.38	1.96	0.35	0.50	0.00	2.44	6.57
Mount Huachuca	0.35	2.19	1.02	0.00	T.	T.	2.08	3.83	0.60	1.13	0.00	5.28	16.48
Natural Bridge	0.60	1.93	1.93	T.	T.	0.00	0.45	2.49	1.79	2.06	0.00	4.61	15.86
Navajo											0.00		
Nogales				0.00	0.00							4.08	
Oracle	0.92	1.99	1.87	0.03	0.26	0.01	2.81	4.10	1.11	1.44	0.00	3.82	18.36
Oro	0.15	1.53	0.67		0.32		0.82			0.79	0.00	1.16	
Palomas	0.00	0.05	0.60	0.00	0.00	0.00	0.28	0.65	0.07				
Pantano	0.00	1.40	0.70	0.00	0.00	0.00	8.42	5.29	0.56	1.34	0.00	1.13	18.84
Parker	0.00	T.			T.	0.00	0.25	1.86	0.14	T.	0.00	1.21	
Payson	1.24	1.95	2.00								0.00	4.21	
Peoria	0.15	0.40	0.77	0.00	T.	0.00	0.68	0.60	0.47	1.62	0.00	1.61	6.30
Phœnix [3]	0.08	0.34	0.62	0.00									
Phœnix [4]	0.00	0.70	0.62	0.00	0.07	0.00	0.97	0.79	0.15	0.77	0.00	1.43	5.50
Red Rock	0.00	0.85	2.40	0.00	T.	0.00	1.20	4.45			0.00	2.25	
Reymert	0.40	1.05	2.22	0.00	0.00	0.00	1.58	3.36	0.45	0.51	0.00	4.56	14.13
Rye	0.33	1.19	1.30	0.00	0.30	T.	0.97	2.16	1.75	1.22	0.00	3.35	12.57
St. Helena Ranch	0.44	1.03	1.16	T.	T.	T.	3.14						
San Carlos	0.63	1.37	1.14	0.11	0.31	0.00	0.81	2.06	0.09	1.05	0.00	2.58	10.15
San Simon	0.08	0.00	0.15	0.00	0.00	0.00	0.20	1.84	0.70	0.27	0.00	0.00	3.24
Show Low		1.16	2.91	0.80	0.89	0.00	2.91	2.71	2.86	1.60	0.00	3.63	
Signal	0.06	0.35	0.55	0.00	0.00	0.00	0.18	3.47	0.26	0.80	0.00	2.22	7.89
Sulphur Spring Valley								0.98	0.18	0.70	0.00	0.87	
*Tucson	0.11	1.04	1.17	T.	0.05	T.	1.60	1.01	0.12	0.31	0.00	1.88	7.29
Tucson [5]	0.15	0.99	1.10	0.00	0.14	0.00	1.49	1.38					
Tucson [1]	0.19	0.30	0.64	0.00	0.15	0.00	1.37	0.42	0.00	0.04	0.00	0.80	3.91
Tucson [6]									T.	0.46	0.00	1.70	
Walnut Grove	0.75	0.75	0.00										
Walnut Ranch	0.60	2.34	2.46	0.00	0.00	0.08	2.97	3.96	0.48	1.82	0.00	1.68	16.39
Whipple Barracks	0.30	0.30	0.88	0.00	0.23	T.	1.13	3.88	0.45	1.37	0.00	3.43	11.97
Wilgus	0.66	1.60	1.55	0.00	T.	0.05	2.81	6.67	0.10	0.60	0.00	0.78	14.82
Willcox	0.50	1.37	0.77	0.00	0.00	0.00	0.00	1.52	0.27	0.78	0.00	0.67	5.88
*Yuma	0.00	T.	0.74	0.00	T.	0.00	0.36	0.10	0.51	0.84	0.00	0.40	2.95
Yuma [1]	0.00	0.00	0.00	0.00	T.	0.00	0.30	0.01	0.12	1.25	0.00	0.29	1.97
Arkansas.													
*Arkadelphia	2.78	4.78	11.35	7.81	4.72	2.70	3.01	4.25	1.95	1.00	1.14	3.70	49.19
*Arkansas City	6.87	3.72	9.70	3.65	0.77	0.12	4.10	6.06	4.35	0.75	0.00	3.37	43.46
Ashdown	3.34	5.28	9.20	7.71									
Bee Branch	2.02	9.28		2.26	3.16	0.15	3.70	5.45	2.20	0.10	1.30	3.80	
Blanchard Springs	6.40	3.67	9.74	8.62	1.49	1.31	5.50	1.90	0.40	1.68	0.82	4.43	45.96
*Brinkley	4.80	6.52	13.35	5.34	3.95	1.75	3.09	7.58	1.37	2.24	0.38	3.55	53.92
*Camden [7]	4.19	4.79	12.12	7.22	1.55	1.16	5.80	2.47	1.33	1.19	1.33	3.43	46.58
Camden [8]		4.05	11.87	7.77	1.59	0.55	6.26	2.69	1.30	1.22	1.38	3.04	
Casaville		6.66	7.09	7.47	3.22	1.98	2.55	5.44	6.58				
Clarksville					1.41	0.73	2.47	1.89	4.02				
Conway	1.48	8.23	9.28	1.29	3.36	0.60	3.85	3.66	2.41	1.69	1.17	3.69	40.71
Corning	2.19	6.52	6.61	2.66	8.67	1.40	3.68	3.25	1.94	1.50	0.64	3.33	42.39
Dallas			11.28	9.93	1.04	2.08	4.61	3.36	4.73	3.79	1.15	2.82	
*Dardanelle	2.45	10.33	11.22	5.27	4.33	0.63	3.09	5.25	4.85	0.55	2.00	3.30	53.26
Fayetteville	3.50	5.27	5.66	3.31	3.28	3.63	1.45	5.41	8.94	2.58	1.93	2.18	47.14
*Forrest		6.13	14.70	5.63	4.32	1.13	2.62	5.96	3.05	1.41	0.58	3.35	
*Fort Smith	1.94	5.56	6.82	6.56	2.53	1.20	1.59	3.74	3.96	2.50	2.30	2.51	41.21
*Fulton	2.51	2.95	9.82	6.29	3.59	0.81	5.96	2.77	1.31	0.97	1.59	2.27	40.84
Gaines Landing	7.44	2.15	10.85	5.03	1.53	1.00	1.44	2.12			0.10		
Hamburg	8.58	3.57	10.57	7.66	2.35	3.93	3.99	6.14					
*Helena [7]	4.84	7.53	9.60	7.92	1.77	1.13	6.99	6.91	2.17	2.04	1.32	4.63	56.25
*Helena [9]	4.84	7.84	8.91	6.67	1.68	1.62	6.11	6.91	2.28	1.69	1.15	7.15	56.85
Hindsville								7.35					
Hot Springs [10]	3.51	9.92	10.40	8.45	4.20	1.25	4.03	3.65	2.40	1.90	1.50	3.20	54.41
Hot Springs [11]				9.94		0.88		4.50	4.55	2.25	1.25	4.12	
Hot Springs (near)		8.56	9.27	10.44	0.56	0.81		2.25	6.53	2.43	1.25	4.12	
Huntsville							2.70						
Keesees Ferry	1.84	5.40	9.17	3.85	9.41	2.06	10.52	3.32	3.11	2.34	1.31	2.40	54.73
Kirby	3.10	9.45	10.40	11.25	3.47	2.85	5.45	7.35	3.60	0.50	2.55		
*Little Rock	3.21	4.96	9.08	4.19	3.81	0.26	6.59	6.50	2.43	3.20	0.63	3.95	48.83

[1] Pacific Railway system.
[2] A. T. Bird.
[3] Experiment station.
[4] M. Moss.
[5] E. L. Wetmore.
[6] University of Arizona.
[7] River observer.
[8] C. L. Newman.
[9] Cotton region observer.
[10] Post hospital.
[11] H. H. Harrison.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec	Annual
Arkansas—Continued.													
Lonoke	2.19	5.63	13.00	5.13	2.13	0.06	5.74	3.18	1.87	1.81	0.62	3.75	45.11
Luna Landing	.....	.....	.....	.....	.....	0.70	6.80	2.30	2.00	1.00	T.	3.50	.....
Madding	.....	3.88	18.20	.....	0.38	1.56	1.93	5.00	3.50	.....	.....	.....	.....
*Malvern	.....	.....	.....	5.85	6.01	1.62	1.08	3.54	2.03	1.31	0.95	.....	.....
Monticello	.....	.....	.....	.....	.....	.....	.....	5.26	2.55	0.92	.....	.....	.....
Mount Ida	.....	10.38	11.73	7.44	0.51	1.16	6.79	4.37	5.21	2.28	.....	.....	.....
Mount Nebo	2.42	8.31	10.10	5.93	1.91	T.	1.28	6.70	4.58	0.63	2.00	3.97	47.83
New Gascony	4.83	4.84	14.25	6.02	1.41	0.97	3.03	8.43	2.75	1.76	0.84	3.58	52.71
*Newport[1]	2.37	9.83	7.97	3.69	7.01	3.52	5.76	1.27	3.16	1.30	0.98	5.53	52.39
*Newport[2]	.....	.....	.....	.....	6.79	3.44	6.32	1.43	3.12	1.21	0.58	5.22	.....
Newport[3]	1.89	8.81	8.19	3.93	6.82	2.62	6.19	2.05	2.38	1.25	0.88	5.43	50.44
Osceola	4.08	6.25	8.86	5.95	8.02	0.43	3.78	1.31	3.03	0.56	0.45	2.38	45.10
Ozark	1.77	6.78	8.05	10.49	2.33	1.53	2.38	2.74	4.41	1.65	3.28	2.82	48.23
*Pine Bluff	.....	.....	.....	.....	0.74	1.10	4.35	5.15	5.20	2.05	0.84	.....	.....
Pocahontas	.....	.....	.....	2.63	5.25	1.06	5.92	4.59	1.73	1.97	0.62	2.29	.....
*Prescott	.....	.....	.....	.....	2.72	0.68	2.57	18.01	4.87	0.96	1.20	.....	.....
Rison	4.85	5.46	10.12	9.23	0.89	2.64	3.49	3.31	5.66	0.38	1.39	3.73	51.15
Rogers	4.20	3.70	4.73	2.93	5.07	2.06	*1.93	2.62	6.92	.....	1.05	1.45	.....
*Russellville	2.60	9.20	9.05	5.34	4.90	0.37	2.92	6.25	6.02	0.72	2.40	.....	.....
Searcy	3.91	11.46	7.76	4.25	3.89	0.62	.....	.....	.....	.....	0.35	3.72	.....
Stuttgart	4.59	5.96	14.33	7.42	1.90	1.47	5.25	5.36	4.86	3.62	0.80	3.73	59.29
*Texarkana	0.25	2.38	4.38	7.01	3.30	1.36	4.38	2.21	1.68	0.55	0.45	2.18	30.13
Warm Springs	.....	6.50	5.50	1.90	6.70	.....	.....	.....	.....	.....	.....	.....	.....
Washington	3.24	4.83	12.27	12.73	2.31	0.51	4.81	3.78	3.52	0.68	1.50	3.10	53.28
Wiggs	.....	9.69	9.91	6.45	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winslow	2.34	5.70	6.68	4.85	4.71	2.38	3.41	4.74	6.74	2.76	2.25	4.60	51.16
California.													
Adin	.....	.....	.....	0.83	4.31	1.26	1.31	0.04	0.13	1.93	0.02	3.72	.....
Ager	.....	.....	*1.53	0.06	3.06	1.02	0.03	0.00	0.00	1.15	0.51	3.16	.....
Agnew	3.51	2.43	0.73	0.33	1.24	0.37	0.00	0.00	1.02	1.47	0.61	.....	.....
Anaheim	0.68	0.35	0.48	0.13	0.10	0.00	T.	T.	0.10	0.00	0.00	5.69	7.53
Anderson	7.12	3.94	1.98	0.61	1.79	1.56	0.18	0.60	1.80	2.35	0.54	13.33	35.80
Antioch	4.29	2.54	0.37	0.28	1.61	0.84	0.00	0.00	1.07	0.63	0.38	8.11	20.12
Aptos	7.56	6.05	0.92	0.89	2.50	0.24	0.00	0.00	2.00	2.93	0.71	13.32	37.12
Arcata	12.35	6.91	8.52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arlington Heights	0.60	0.21	0.48	0.02	0.49	0.00	T.	0.03	0.11	0.07	0.00	4.25	6.26
Athlone	2.55	3.78	0.32	0.37	2.47	0.72	0.00	0.00	0.00	0.66	0.30	5.62	16.79
Auburn	6.96	9.89	1.95	1.35	2.77	1.38	T.	T.	0.67	3.87	1.09	13.56	43.49
Bakersfield	0.91	0.00	0.50	0.00	0.02	0.17	0.00	0.00	0.30	0.03	0.00	1.43	3.36
Ballast Point light-house	0.40	0.60	1.25	0.10	.....	.....	0.00	0.04	0.00	0.00	0.00	3.45	.....
Barstow	0.02	0.21	0.06	0.00	0.22	T.	T.	0.34	0.00	0.00	0.00	0.92	1.77
Bear Valley	.....	.....	.....	.....	.....	.....	.....	.....	1.48	6.38	1.25	22.37	.....
Beaumont	0.30	2.09	0.35	0.32	0.43	0.00	0.00	0.00	0.42	0.00	0.00	8.89	10.80
Berendo	1.79	2.61	0.48	0.10	1.82	0.80	0.00	0.00	0.75	0.40	0.28	4.94	13.97
Berkeley	9.54	3.77	0.91	0.57	2.01	1.11	0.00	0.00	1.61	3.29	1.35	12.63	36.79
Bethany	4.22	4.81	0.33	0.06	1.13	0.07	T.	T.	1.10	0.56	0.34	7.93	20.55
Bishop Creek	0.30	0.75	0.09	0.05	T.	0.35	T.	0.23	T.	0.00	0.00	2.00	3.77
Boca	5.10	7.55	0.75	1.00	0.33	T.	0.00	T.	T.	0.61	0.50	11.80	27.64
Borden	0.00	1.89	0.15	0.08	1.17	0.55	0.00	0.00	0.86	0.42	0.30	4.82	10.18
Boulder Creek	14.92	13.87	2.11	2.44	3.26	0.39	0.00	0.00	2.62	6.70	1.76	30.53	78.60
Brentwood	5.04	3.10	0.25	0.12	1.35	1.10	0.00	0.00	1.75	1.04	0.32	7.86	21.93
Brighton	2.45	2.29	0.31	0.10	1.89	0.34	0.00	0.00	0.03	1.03	.....	7.89	.....
Byron	3.99	2.65	0.32	0.10	1.50	1.00	0.00	0.00	1.03	1.02	0.26	7.94	19.90
Caliente	3.30	1.40	1.60	0.20	0.50	0.70	0.00	0.00	0.60	0.20	0.25	4.39	13.14
Calistoga	15.28	7.82	3.21	2.45	2.01	1.29	0.00	0.00	1.00	2.65	1.09	15.39	52.19
Calloway	0.82	0.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Campo Seco	5.89	5.83	1.01	0.80	4.38	1.26	0.00	0.00	.....	.....	.....	.....	.....
Cape Mendocino light-house	19.31	6.15	6.71	1.48	1.74	1.61	0.00	0.00	2.33	3.78	2.55	17.80	63.46
Castroville	4.95	2.34	0.50	0.40	1.70	0.20	0.00	0.00	1.63	1.16	0.75	7.04	20.67
Cedarville	.....	.....	.....	.....	.....	1.07	0.19	0.04	0.20	1.34	0.00	2.19	.....
Centerville	7.28	4.99	1.23	0.54	1.94	0.43	T.	0.00	1.42	1.49	0.84	9.45	29.61
Chico	7.19	2.52	1.68	0.00	1.80	0.97	0.00	0.00	2.00	2.64	0.73	11.08	30.61
Chino	1.10	0.61	0.47	0.25	0.21	0.00	0.00	T.	0.25	0.00	0.00	8.22	11.11
Cisco	16.45	18.65	5.30	3.55	2.60	0.00	0.00	0.00	0.10	0.90	1.50	21.60	70.65
Claremont	1.73	1.22	1.05	0.33	0.42	0.00	0.00	0.08	0.62	0.00	0.00	7.73	13.18
Cloverdale	13.72	7.09	2.35	1.91	2.70	1.71	0.00	0.00	1.35	3.27	1.91	18.60	54.61
Colegrove	1.10	0.66	0.49	0.20	0.29	0.00	T.	0.00	0.72	0.00	0.00	4.86	8.32
Colfax	13.43	9.76	3.63	.....	3.45	2.45	0.00	0.03	1.00	5.75	0.00	24.17	.....
Colton	0.20	0.55	2.00	0.10	0.50	0.00	0.00	0.00	0.45	0.15	0.00	5.70	9.65
Colusa	3.37	1.00	0.80	0.20	2.52	0.71	0.00	0.00	0.91	0.87	.....	.....	.....
Corning	3.90	4.30	0.85	0.40	1.30	0.00	0.00	0.00	.....	0.85	0.00	10.85	.....
Covelo	15.53	8.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crescent City	16.40	6.37	14.11	4.41	0.82	2.57	0.07	0.13	2.70	5.86	4.74	13.46	71.44
Crescent City light-house	16.39	6.35	15.41	4.35	0.86	2.94	0.00	0.07	2.86	5.30	5.07	14.30	73.90
Crofton	1.32	0.84	1.18	0.20	0.84	0.00	0.00	0.08	0.00	0.08	0.00	6.43	10.97
Davisville[4]	3.50	2.05	0.94	0.30	1.64	1.65	0.00	0.00	0.93	1.01	0.35	7.59	19.96
Davisville[5]	6.34	2.71	0.60	0.29	1.85	1.97	T.	0.00	0.98	1.07	0.35	9.81	25.97
Deep Creek	1.94	1.89	2.75	0.70	1.01	0.12	0.09	0.80	0.49	0.30	0.00	18.41	28.50
Delano	0.47	0.45	0.64	0.16	0.07	0.55	0.00	0.00	0.35	0.16	0.00	1.75	4.60
Delta	14.30	3.70	2.60	2.75	3.50	2.25	0.00	T.	4.00	7.33	3.30	33.17	76.90
Dinuba	1.68	1.47	1.02	0.00	0.37	1.20	0.00	0.00	0.47	0.09	0.08	3.17	9.55
Downey	0.74	0.80	0.52	0.20	0.23	0.00	0.02	0.00	0.57	0.59	0.00	4.10	7.77
Drytown	6.32	7.79	1.48	1.03	3.89	1.18	T.	T.	0.97	2.67	1.10	12.47	38.90
Dunnigan	5.78	2.06	0.93	0.48	1.78	0.36	0.00	0.00	1.00	1.76	0.28	11.22	25.65
Dunsmuir	17.53	7.60	6.05	1.70	4.35	2.10	0.00	0.20	0.20	9.65	2.90	29.30	81.58
East Brother light-house	1.93	1.26	0.14	0.16	0.55	0.24	0.00	0.00	0.55	2.10	0.25	7.70	14.88
Edgwood	5.13	0.50	1.83	0.15	3.56	0.72	0.00	0.46	.....	1.75	0.82	9.55	.....

[1] River observer. [2] G. B. Irby. [3] Pacific Railway system. [4] A. C. Hillman.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
California—Continued.													
Edmanton	17.46	16.48	7.08	3.94	2.85	2.26	0.00	1.45	1.17	6.54	2.26	24.00	85.49
Eldorado	8.74	11.90	2.25	1.63	3.98	1.00	0.00	0.00	0.67	3.52	1.05	14.37	49.11
Elk Grove	.....	.....	.....	.....	.....	.....	.....	0.00	.....	.....	0.00	.....	.....
Elmira	8.12	4.20	0.97	0.57	1.08	0.63	0.00	0.00	1.44	3.17	0.51	12.83	33.52
El Verano	11.86	4.97	2.49	1.16	1.57	1.15	0.00	0.00	1.67	3.00	1.53	14.09	43.49
Emigrant Gap	10.10	15.50	.....	2.62	1.60	2.20	0.00	0.00	0.00	.....	0.90	.....	.....
Escondido	1.18	0.50	0.85	0.00	.....	.....	0.00	T.	.....	.....	0.00	.....	.....
Esparto	5.58	2.85	0.42	0.56	1.74	0.97	0.00	0.00	1.45	.....	.....	.....	.....
*Eureka	12.38	6.13	7.46	2.97	1.31	1.67	0.02	0.04	1.84	3.12	2.03	12.31	51.28
Evergreen	4.90	3.01	1.21	0.42	1.71	0.28	0.00	0.00	1.11	1.26	0.80	7.00	21.70
Exeter	1.39	0.60	1.11	0.30	0.33	1.32	0.00	0.00	0.33	0.26	0.11	3.21	8.96
Fall Brook	0.87	1.10	1.36	0.08	0.31	0.00	0.04	0.18	0.38	0.06	0.00	6.09	10.47
Farmington	5.17	5.17	0.13	0.50	2.80	0.68	0.00	0.00	0.75	1.51	0.72	7.74	25.17
Felton	11.36	12.78	0.60	1.54	2.60	0.74	0.00	0.00	3.10	7.11	0.70	24.14	64.67
Fernando	0.59	0.61	0.75	0.24	0.32	0.00	0.00	0.00	0.00	0.02	0.00	5.82	8.35
Florence	.....	0.25	0.57	.....	0.11	0.00	0.00	0.00	0.31	0.00	0.00	4.26	.....
Florin	4.41	3.51	0.52	0.59	2.37	.....	0.00	0.00	0.80	1.74	0.47	8.02	.....
Folsom City [1]	6.47	6.15	1.22	0.35	1.71	1.04	0.00	0.00	0.71	3.41	1.03	11.68	33.77
Folsom City [2]	5.89	6.40	1.13	0.51	2.81	0.99	0.01	0.03	0.56	2.76	0.89	11.74	33.72
Fordyce Dam	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.74	1.25	38.41	.....
Fort Ross	18.66	6.70	4.25	2.37	3.01	1.86	0.00	0.00	1.79	4.15	1.40	20.81	64.90
Frazier Mine	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fremontville	.....	.....	.....	.....	.....	0.00	0.12	T.	0.85	0.10	0.00	4.27	.....
French Corral	7.17	6.16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Fresno	2.27	2.02	0.29	0.10	1.16	1.16	T.	T.	0.75	0.37	0.27	4.09	12.48
Fresno [1]	1.73	2.95	0.25	0.10	1.30	1.08	0.00	0.00	.....	0.75	0.18	3.67	.....
Fruto	5.35	1.40	0.38	0.50	1.70	0.95	0.00	0.00	0.65	0.80	0.55	9.75	22.03
Galt	4.02	5.93	0.66	0.61	3.60	0.63	0.00	0.00	1.32	1.11	0.70	9.29	27.87
Georgetown	13.89	16.25	4.74	2.40	5.25	1.61	T.	0.20	1.26	6.22	1.53	20.93	74.28
Gilroy	4.71	3.04	0.66	0.55	1.28	0.00	0.00	0.00	1.04	1.26	0.24	8.44	21.22
Girard	1.75	1.90	3.05	0.18	0.45	0.20	0.00	0.00	0.40	0.24	0.15	3.12	11.44
Glendora	1.80	0.96	1.09	.....	.....	.....	.....	.....	1.00	.....	.....	9.87	.....
Glen Ellen	18.67	8.70	2.46	2.03	2.14	1.00	0.00	0.00	.....	6.55	1.45	19.91	.....
Gormans Station	3.00	1.64	1.37	0.60	0.86	0.12	0.00	0.00	0.42	0.11	0.00	5.36	13.48
Goshen	1.45	T.	0.29	0.00	0.08	1.03	0.00	0.00	0.04	T.	T.	2.91	5.80
Grass Valley	11.24	11.72	2.96	1.67	3.46	2.05	T.	0.03	1.01	4.91	1.38	16.55	56.98
Green Valley	2.18	2.01	3.80	0.75	1.19	0.05	0.00	0.59	0.89	0.67	0.00	21.64	33.77
Greenville	.....	.....	2.92	2.05	1.45	1.33	0.00	0.51	0.37	2.95	1.49	13.39	.....
Gridley	9.49	2.49	1.65	1.04	3.06	0.74	.....	.....	.....	.....	.....	.....	.....
Guinda	7.15	.....	0.81	0.81	.....	.....	.....	.....	1.92	0.65	.....	.....	.....
Haywards	7.06	3.60	0.72	0.42	1.47	0.34	0.00	0.00	1.62	2.48	0.78	10.40	28.89
Healdsburg	12.21	6.08	1.93	1.88	2.17	1.73	0.00	0.00	1.15	2.43	1.10	16.32	47.00
Hendersons Ranch	0.46	0.40	0.15	0.15	.....	0.00	0.00	0.00	0.70	0.00	0.00	7.10	.....
Hollister	3.99	2.77	0.79	0.40	1.07	0.09	0.00	0.00	0.55	1.11	0.29	5.06	16.12
Hornbrook	3.20	0.70	1.50	0.00	3.78	1.12	0.00	0.00	0.00	1.30	0.70	2.30	14.60
Hueneme	0.44	0.36	0.34	0.15	0.40	0.00	T.	0.08	0.47	0.13	0.09	3.43	5.89
Humboldt light-house	11.84	5.26	7.31	1.77	1.30	1.48	0.01	0.00	1.69	3.53	2.14	13.86	50.29
Hunters	5.80	2.30	2.40	2.00	3.20	0.88	0.01	T.	1.64	1.42	0.79	12.63	33.07
Huron	0.40	0.35	0.00	0.10	0.20	0.38	0.00	0.00	0.00	0.28	0.00	2.41	4.12
Hyde Ranch	5.43	2.83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydesville	13.57	5.90	6.28	2.15	1.62	2.32	0.00	0.25	1.73	2.42	2.10	11.20	49.54
*Independence	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.89	.....
Independence [3]	0.12	0.42	0.09	0.02	0.10	0.11	0.12	0.51	T.	0.00	0.00	1.89	3.38
Indio [1]	0.00	0.00	0.00	0.00	0.00	0.00	T.	0.00	0.00	0.00	0.00	.....	.....
Indio [4]	.....	.....	0.00	0.00	T.	.....	.....	.....	.....	.....	.....	.....	.....
Ione	4.44	6.03	0.35	0.51	3.39	0.46	0.00	0.00	0.75	2.08	0.96	8.64	27.61
Iowa Hill	11.07	12.25	4.20	2.10	4.03	1.64	T.	0.51	0.78	4.06	1.48	17.57	59.60
Jackson	9.88	10.84	2.52	1.38	4.15	1.48	T.	T.	1.10	3.68	1.10	15.50	51.63
Jolon	1.48	0.68	0.46	0.22	1.35	0.52	0.05	0.05	1.20	0.75	0.30	8.30	15.36
Julian	4.40	2.77	4.19	0.32	0.68	.....	.....	.....	.....	T.	0.00	9.38	.....
*Keeler †	T.	0.20	0.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Keeler [1]	T.	0.29	0.01	T.	T.	T.	0.11	0.00	0.00	0.00	0.00	1.05	1.46
Keene	3.60	1.65	2.25	0.55	0.40	0.20	0.00	0.00	0.35	0.05	0.30	4.59	13.94
Kelseyville	12.56	6.56	.....	1.69	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kennedy Gold Mine	9.32	11.86	2.23	1.48	5.64	1.89	0.00	0.00	1.30	3.69	1.40	16.44	55.25
Kernville	1.10	1.88	0.42	0.17	0.53	0.00	0.00	0.01	0.60	0.00	0.00	5.31	10.02
King City	1.47	0.66	0.30	0.06	0.66	0.18	0.00	0.00	1.13	0.41	0.25	4.15	9.27
Kingsburg	1.79	0.88	0.77	0.00	0.19	1.05	0.00	0.00	0.40	0.40	0.07	3.46	9.01
Knights Landing	3.42	1.64	1.24	0.32	1.91	0.49	0.00	0.00	1.10	1.02	0.70	12.52	24.36
Kono Tayee	6.92	4.32	1.11	0.91	0.90	1.64	0.00	T.	0.50	1.22	0.74	10.70	28.96
La Grange	6.17	6.43	0.61	0.30	3.39	0.66	T.	T.	0.67	0.85	0.60	7.60	27.28
La Porte	.....	.....	.....	3.05	2.00	3.49	T.	0.17	1.13	8.87	1.32	15.47	.....
Lathrop	3.13	3.80	0.63	0.12	1.46	0.57	0.00	0.00	.....	3.18	0.70	5.21	.....
Laurel	10.80	11.33	1.73	1.86	4.26	0.83	0.04	0.00	0.00	4.84	1.68	24.91	62.28
Lemoore [1]	1.34	0.43	0.00	0.00	0.29	0.26	0.00	0.00	0.43	0.29	0.00	2.77	5.86
Lemoore [5]	1.33	0.41	0.25	0.09	0.41	0.28	.....	.....	.....	.....	.....	.....	.....
Lick Observatory	9.74	10.52	2.54	0.89	2.78	0.64	0.02	T.	1.64	2.98	0.84	11.90	44.40
Lime Point light-house	6.52	2.02	0.83	0.21	1.65	0.59	0.00	0.00	1.26	1.93	0.56	8.81	24.18
Little Bear Valley	2.48	2.25	3.16	0.62	1.34	0.12	0.04	0.31	0.52	0.38	0.00	20.12	31.34
Little Bear Valley (near)	2.88	1.24	2.87	0.67	1.35	0.13	.....	0.46	0.60	0.29	0.00	24.59	.....
Livermore	4.97	5.36	0.81	0.58	1.19	0.52	0.00	0.00	1.45	1.15	0.50	8.56	25.09
Livingston	2.63	2.95	0.25	0.29	2.02	0.78	0.00	0.00	0.70	0.67	0.30	5.24	15.83
Lodi	3.99	6.75	0.57	0.44	3.33	1.19	T.	T.	1.78	2.14	0.73	9.27	30.19
Los Alamos	1.15	1.41	0.47	0.28	1.35	0.00	0.00	T.	1.81	0.81	0.30	4.00	11.58
*Los Angeles	0.94	0.49	0.37	0.13	0.20	T.	T.	0.01	0.73	0.02	0.00	4.62	7.51
Los Angeles [1]	0.71	0.78	0.43	0.19	0.11	0.08	0.00	0.00	0.00	0.73	0.00	4.78	7.81
Los Banos	1.80	1.50	0.00	0.00	1.06	0.56	0.00	0.00	0.75	0.46	0.13	4.08	10.34
Los Gatos [1]	5.70	4.35	0.85	1.25	1.83	0.25	0.00	0.00	0.50	2.75	0.70	15.85	34.03

[1] Pacific Railway system.
[2] J. H. Sturgis.
[3] C. W. Craig.
[4] W. Brennan.
[5] L. M. Cole.
† Station closed March 31, 1894

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
California—Continued.													
Los Gatos[1]	6.98	5.22	1.30	1.50	2.25	0.22	T.	0.00	1.34	2.87	0.75	17.77	40.20
Lower Holcomb Valley	0.87	0.90	1.08	0.40	0.79	0.03	0.03	0.86	0.48	0.45	0.00	15.69	22.18
Mammoth Tank	0.00	0.00	0.00	0.00	0.00	0.00	T.	0.06	0.36	T.	0.00	1.22	1.64
Manzana	0.21	0.37	0.36	T.	0.35	0.17	0.00	0.10	0.49	0.00	0.00	3.60	5.65
Mare Island light-house	5.64	2.72	0.48	0.60	0.94	0.45	0.00	0.00	0.61	1.00	0.61	9.61	22.66
Mariposa	6.70	9.01	2.11	1.06	2.99	2.78	0.00	T.	2.09	1.96	0.73	13.36	42.79
Martinez	6.44	3.07	0.52	0.64	0.73	0.65	0.00	0.00	0.95	1.65	0.64	12.02	27.31
Marysville	0.34	1.74	0.73	0.47	1.86	0.64	0.00	0.00	0.62	1.91	0.80	9.13	18.24
Mendota	.....	0.86	0.00	0.10	0.47	0.49	0.00	0.00	0.88	0.09	0.00	3.65	.....
Menlo Park	4.60	2.80	0.57	0.00	0.99	0.01	0.00	0.00	1.65	1.51	0.46	9.65	22.24
Merced	2.68	3.28	0.21	0.28	2.02	0.54	0.00	0.00	0.72	0.88	0.15	4.74	15.50
Middletown	14.37	8.32	2.09	2.65	2.06	0.89	0.00	0.00	1.28	3.18	1.92	20.52	57.28
Mills College	10.36	4.15	1.04	0.73	1.47	0.80	0.00	T.	1.97	2.88	1.01	12.90	37.31
Milton	6.92	5.45	0.60	0.92	2.08	0.82	0.00	0.00	1.47	1.63	0.95	8.72	29.56
Milton (near)	6.31	7.05	1.16	0.98	3.21	1.46	T.	T.	1.51	1.77	1.23	10.53	35.21
Modesto	3.36	3.18	0.00	0.23	1.72	0.00	0.00	0.00	1.20	0.61	0.28	5.42	16.00
Mohave	0.48	0.54	0.24	T.	0.03	0.00	0.00	0.00	.....	0.00	T.	3.68	.....
Mokelumne Hill	9.32	9.38	1.73	1.36	3.41	1.62	0.00	T.	1.18	4.34	1.12	14.31	47.77
Monson	1.51	1.14	1.23	0.11	0.41	1.37	0.00	0.00	.....	.....	.....	.....	.....
Montague	2.72	2.13	2.28	0.05	2.50	1.04	0.00	0.00	0.00	1.00	0.54	1.75	14.01
Monterey	3.25	2.05	0.82	0.60	1.86	0.00	0.00	0.00	.....	1.64	0.32	5.87	.....
Morses House	4.78	3.93	5.00	1.37	2.08	0.60	0.02	0.74	0.67	0.47	0.00	26.77	46.43
Mountain View	4.06	2.62	0.52	0.44	1.08	0.22	0.00	0.00	1.42	1.37	0.37	8.35	20.45
Mount Frazier	.....	.....	.....	.....	2.50	0.00	0.00	0.00	0.65	0.00	.....	.....	.....
Mount Glenwood	9.51	4.08	1.06	0.97	1.46	0.52	0.00	0.00	2.29	2.12	0.41	16.04	38.46
Mutah Flat	0.54	0.54	0.30	0.13	0.79	0.00	0.00	0.00	0.00	0.85	0.00	7.33	10.48
Napa[2]	9.84	4.89	0.13	1.02	1.08	0.25	0.00	0.00	1.51	2.48	1.35	.....	.....
Napa[3]	8.17	2.97	1.15	0.61	1.49	0.85	T.	0.04	1.23	1.93	1.34	9.37	29.15
National City	0.36	0.71	1.69	0.04	0.15	0.00	0.00	0.00	0.00	0.04	0.00	3.03	6.02
Needles	0.00	0.12	0.65	0.00	T.	0.00	0.09	0.14	0.21	0.60	0.00	1.46	3.27
Neenach	.....	.....	.....	.....	0.00	0.00	0.00	.....	.....	.....	.....	.....	.....
Nevada City	11.71	10.85	3.26	2.17	3.54	1.85	0.00	T.	1.21	4.83	1.38	20.61	61.41
New Almaden	4.80	2.38	0.88	0.68	1.11	0.09	0.00	0.00	1.21	1.69	0.42	10.83	24.09
Newark	6.00	3.43	0.67	0.45	1.70	0.34	0.00	0.00	1.36	1.56	0.73	7.21	23.45
Newcastle[4]	7.17	8.26	1.49	1.04	2.21	0.87	0.00	T.	0.78	3.38	1.25	12.56	39.01
Newcastle[2]	3.55	4.68	0.59	1.22	1.65	1.76	0.00	0.00	0.00	2.88	0.95	8.70	25.98
Newhall	0.85	0.29	0.62	0.15	0.66	0.00	0.00	0.00	0.80	0.00	0.00	7.59	10.96
Newman	1.97	0.89	0.00	T.	0.83	0.33	0.00	0.00	0.80	0.35	0.00	5.28	10.45
Niles	8.40	5.97	1.25	0.55	2.32	0.00	0.00	0.00	1.10	2.80	1.25	10.85	34.49
Nordhoff	0.68	0.74	0.29	0.19	0.97	.....	.....	.....	.....	.....	0.00	6.39	.....
Norwalk	0.67	0.55	0.43	0.33	0.00	0.00	0.00	0.00	0.40	0.00	0.00	3.93	6.31
Oakdale[5]	5.59	5.21	0.54	0.88	2.57	0.97	0.00	T.	0.54	1.16	0.67	7.71	25.84
Oakdale[2]	5.46	5.20	0.50	0.88	2.38	1.05	0.00	0.00	0.36	1.23	0.65	7.71	25.42
Oakland[6]	9.02	3.70	0.79	0.41	1.89	0.95	0.01	0.00	1.66	2.64	1.34	11.78	34.19
Oakland[2]	8.45	3.50	0.75	0.49	2.23	0.95	0.00	0.00	1.45	2.54	1.36	12.64	34.36
Ogilby	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	.....	.....
Oleta	7.23	9.01	1.11	1.13	3.69	1.06	T.	T.	1.38	4.50	1.37	16.55	47.03
Ontario[2]	1.12	0.83	0.80	0.10	0.46	0.00	0.00	0.00	0.28	0.05	0.00	7.45	11.09
Ontario[7]	1.75	1.00	0.75	0.12	0.48	0.00	0.00	T.	0.30	0.03	0.00	7.71	12.14
Orangevale	5.85	6.14	1.47	0.52	2.51	0.62	T.	0.00	0.59	.....	.....	10.48	.....
Orland	3.13	2.75	0.40	0.53	1.08	0.35	0.00	0.00	0.80	0.72	0.43	7.89	18.08
Ormonde	.....	.....	.....	.....	.....	2.15	.....	0.37	1.00	4.93	1.44	.....	.....
Oroville[2]	5.97	3.21	0.95	1.20	2.85	0.45	0.00	0.00	0.86	2.40	1.07	11.48	30.44
Oroville[8]	5.97	2.71	0.95	1.20	2.85	0.45	0.00	0.00	0.86	2.40	1.05	11.48	29.92
Pajaro	4.97	3.55	0.40	0.30	1.90	0.40	0.00	0.00	0.00	2.00	0.75	9.17	23.44
Palermo	3.76	2.34	0.79	0.74	3.41	0.30	T.	0.00	0.83	2.46	1.07	10.20	25.90
Palm Springs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	4.25
Pasadena[9]	1.45	0.74	.....	.....	.....	.....	0.05	0.05	0.73	0.02	0.01	5.89	.....
Pasadena[10]	1.51	0.82	0.96	0.13	0.61	0.00	0.00	0.09	0.85	0.02	.....	.....	.....
Paso Robles[2]	1.46	0.86	0.22	0.52	1.15	0.00	0.00	.....	0.57	0.88	0.07	6.29	.....
Paso Robles[11]	1.06	0.59	0.22	0.24	1.09	0.12	0.00	0.50	1.13	0.33	0.09	6.14	11.51
Petaluma	8.41	3.22	0.85	0.69	0.69	0.69	0.00	0.00	1.61	1.72	0.98	10.15	29.01
Piedras Blancas light-house	3.34	3.79	0.65	0.47	2.55	0.27	0.15	0.16	1.70	1.96	0.84	7.56	23.44
Pigeon Point light-house	2.24	2.80	0.81	0.22	1.55	0.63	0.00	0.00	1.29	1.46	0.56	6.74	18.30
Pilot Creek	.....	.....	.....	4.51	.....	3.00	.....	0.00	1.82	6.56	1.81	.....	.....
Placerville[2]	11.55	14.40	3.31	2.35	4.55	1.39	T.	0.00	1.35	4.25	1.20	19.03	63.38
Placerville[12]	11.05	13.02	2.94	2.24	4.70	1.63	T.	0.10	1.52	3.93	1.06	18.49	60.68
Pleasanton[2]	4.18	4.84	0.73	0.75	1.47	0.30	T.	0.00	1.33	1.42	0.45	8.57	24.04
Pleasanton[13]	4.31	5.92	0.71	0.95	1.46	0.41	0.00	T.	1.45	1.21	0.55	.....	.....
Point Ano Nuevo light-house	8.00	4.35	1.55	0.50	2.20	1.00	0.00	0.00	1.04	1.69	1.00	9.35	30.68
Point Arena light-house	10.38	5.36	2.42	1.83	1.63	1.92	0.00	0.00	1.11	2.20	1.15	14.32	42.32
Point Bonita light-house	9.18	4.70	1.85	0.87	2.44	0.97	0.00	0.00	1.72	3.41	0.94	12.43	38.51
Point Conception light-house	2.08	1.73	0.39	0.04	0.72	0.33	0.00	0.00	1.00	0.23	0.26	4.35	11.13
Point Fermin light house	0.29	0.67	0.28	0.35	0.42	0.00	0.00	0.00	0.18	0.18	0.00	2.52	4.89
Point George light-house	8.96	4.57	12.56	1.81	0.11	0.00	0.00	0.00	1.49	2.86	2.90	4.68	39.94
Point Hueneme light-house	.....	0.36	0.36	0.23	0.53	.....	0.00	0.16	0.53	0.66	0.03	3.77	.....
Point Lobos	5.17	2.48	0.62	0.15	1.71	0.55	T.	T.	1.40	1.36	0.68	9.21	23.33
Point Loma light-house	0.20	0.23	0.95	.....	0.05	.....	0.00	0.00	0.00	.....	0.00	1.25	.....
Point Montara light house	7.58	3.16	0.85	1.00	1.39	0.44	0.00	0.00	1.29	1.81	0.97	9.29	27.78
Point Pinos light-house	3.21	2.31	0.96	0.80	1.80	0.55	0.13	0.00	1.12	0.96	0.50	8.24	20.68
Point Reyes light-house	8.26	2.39	2.06	0.66	2.31	1.15	0.00	0.00	2.64	2.42	1.04	9.50	32.43
Point Sur light-house	4.77	2.94	0.94	0.76	1.55	0.72	0.00	0.03	1.46	1.10	0.41	5.80	20.48
Pomona	1.71	1.10	0.65	0.08	0.27	0.00	0.00	0.00	0.52	.....	0.00	7.60	.....
Pomona (near)	2.36	0.82	0.65	0.08	0.36	0.00	0.00	0.00	0.44	0.04	0.00	8.48	13.23
Portersville	1.52	0.83	0.71	0.32	0.42	1.09	0.00	0.00	0.43	0.15	0.04	3.13	8.64
Port Los Angeles	1.08	0.64	0.23	0.28	0.07	0.00	0.00	0.00	0.42	0.03	0.04	3.73	6.52

[1] F. H. McCullagh.
[2] Pacific Railway system.
[3] W. H. Martin.
[4] C. H. Kellogg.
[5] Miss F. Greiersen.
[6] Chabot Observatory.
[7] Weekly record.
[8] L. C. Jacobs.
[9] H. S. Channing.
[10] Thomas Nelmes.
[11] Southern Coast Range station.
[12] G. W. Barlow.
[13] A. G. Platt.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
California—Continued.													
Poway	0.79	1.29	1.64	0.14	0.21	0.15	0.00	0.06	T.	T.	0.00	3.06	7.34
Puente	0.42	0.20	0.80	0.08	0.20	0.00	0.00	0.00	0.40	0.00	0.00	4.85	6.95
Ravenna	0.13	0.10	0.75	0.15	0.40	0.00	0.00	T.	0.30	0.00	0.00	6.32	8.15
*Red Bluff	5.29	2.30	2.40	0.55	1.46	1.00	0.02	T.	1.11	0.89	0.95	11.01	26.98
Red Bluff [1]	6.03	2.83	1.92	0.60	1.30	1.08	0.00	0.07	.....	0.85	1.00	10.57	.....
Redding [1]	9.69	7.65	3.20	2.60	1.31	0.65	0.00	0.42	1.59	5.85	0.99	15.35	49.30
Redding [2]	9.78	5.36	2.89	1.84	2.45	0.95	T.	0.74	1.32	4.15	1.01	12.22	42.71
Redlands [3]	1.43	1.04	1.01	0.25	0.64	0.00	0.00	0.09	0.00	0.07	0.00	7.38	11.91
Redlands [1]	0.67	0.90	0.59	0.31	0.62	0.00	0.00	0.11	0.10	0.08	0.00	4.35	7.73
Reedley (near)	1.55	1.70	0.60	0.15	0.60	1.45	T.	0.00	0.50	0.40	0.45	3.95	11.35
Represa	4.71	5.53	0.65	0.56	2.80	1.10	0.00	0.00	0.65	2.75	0.90	12.56	32.21
Rio Vista	5.61	4.56	0.65	0.35	1.23	0.98	0.03	T.	1.28	1.91	0.53	8.36	25.49
Riverside	0.99	0.35	0.72	0.03	0.26	0.04	0.00	0.21	0.00	0.06	0.00	5.18	7.84
Rocklin	6.30	6.01	1.08	0.32	2.65	0.65	0.00	0.00	0.62	2.05	1.00	11.10	31.78
Roe Island light-house	3.95	2.37	0.33	0.25	1.05	0.36	0.00	0.00	0.80	0.78	0.41	7.40	17.70
Rosamond	.....	0.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rosewood	5.80	2.30	2.40	2.00	3.20	0.88	0.01	T.	1.64	1.42	0.79	12.63	33.07
*Sacramento	4.17	3.92	0.74	0.34	1.70	0.46	T.	T.	0.88	1.06	0.48	8.86	22.61
Sacramento [4]	4.88	3.96	0.74	0.36	2.21	0.59	T.	T.	0.68	1.25	0.66	9.20	24.53
Sacramento [1]	2.83	3.47	0.63	0.16	1.79	0.40	0.00	0.00	.....	0.42	0.59	8.71	.....
Sacramento [1]	3.93	3.62	0.63	0.33	1.79	.....	0.00	T.	0.64	1.19	0.59	8.71	.....
Salinas [5]	5.17	3.36	0.82	0.53	1.57	0.26	0.00	0.00	1.16	0.87	0.41	5.35	19.50
Salinas [1]	5.07	3.30	0.58	0.45	1.53	0.29	0.00	0.00	0.95	1.06	0.45	4.95	18.63
Salton	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	T.	0.00	1.30	1.53
San Ardo [1]	1.18	0.34	0.13	0.10	0.68	0.15	0.00	0.00	0.65	0.25	0.02	4.42	7.92
San Ardo [6]	1.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Bernardino	1.26	0.88	1.15	0.40	0.56	0.00	T.	0.16	0.37	0.15	0.00	7.25	12.18
*San Diego	0.29	0.49	1.05	0.11	0.09	0.01	0.00	0.04	0.01	T.	0.00	2.26	4.35
*San Francisco	5.99	2.69	0.60	0.50	1.31	0.56	T.	0.00	1.05	1.73	0.88	9.01	24.32
San Gabriel	0.73	0.48	0.43	0.07	0.23	0.00	0.00	0.33	0.66	0.00	0.00	4.77	7.70
Sanger Junction	2.14	2.46	0.56	0.21	0.60	1.55	0.00	0.00	0.38	0.42	0.40	4.38	13.10
San Jacinto	0.67	0.96	0.89	0.10	1.15	0.00	0.13	0.03	0.04	0.04	0.00	5.30	9.31
San Jose [1]	4.73	2.61	0.69	0.63	1.36	0.40	0.00	0.00	1.08	1.32	0.55	7.80	21.17
San Jose [7]	4.71	2.35	0.77	0.52	1.48	0.30	T.	0.00	1.35	1.00	0.75	7.40	20.63
San Leandro	.....	.....	.....	.....	.....	.....	.....	.....	1.95	2.69	1.07	11.64	.....
San Luis light-house	1.67	2.71	0.68	0.06	0.65	0.40	0.00	0.10	1.75	1.21	0.45	8.28	17.96
*San Luis Obispo	.....	.....	.....	.....	.....	.....	.....	T.	1.91	1.41	0.31	8.96	.....
San Luis Obispo [8]	1.94	2.31	0.79	0.41	1.32	0.21	0.05	0.00	1.81	1.37	0.35	8.60	19.16
San Luis Obispo [1]	.....	.....	.....	.....	.....	0.40	0.00	0.00	1.40	.....	0.00	9.05	.....
San Mateo	7.42	6.62	1.07	0.94	0.61	0.00	0.00	0.00	1.75	3.03	0.72	12.12	34.28
San Miguel	0.90	0.41	0.13	0.06	0.00	0.00	0.00	0.00	0.47	0.69	0.21	5.21	8.08
San Miguel Island	.....	.....	0.40	0.34	0.34	0.11	T.	0.00	0.79	0.11	0.30	4.80	.....
San Pedro	0.43	0.75	0.20	0.14	0.16	0.00	0.00	0.00	0.22	.....	0.00	3.86	.....
San Rafael	10.79	5.46	0.85	0.98	1.69	1.00	0.00	0.00	1.61	4.24	0.72	17.06	44.40
Santa Ana	0.50	0.50	0.63	0.10	0.13	0.00	0.00	0.00	0.22	0.00	0.00	4.98	7.06
Santa Barbara [9]	0.99	0.76	0.29	0.24	0.91	0.00	0.12	T.	1.36	0.68	0.07	4.67	10.09
Santa Barbara [1]	0.65	0.50	0.22	0.35	0.86	0.00	0.15	0.00	1.36	0.78	0.11	4.16	9.14
Santa Barbara light-house	0.76	0.90	0.28	0.23	0.79	0.00	0.03	0.00	1.19	0.97	0.08	3.94	9.17
Santa Clara [10]	4.64	2.16	0.45	0.49	1.10	0.38	T.	T.	0.99	2.07	0.55	7.58	20.41
Santa Clara [11]	.....	1.85	0.60	0.53	1.02	0.32	0.00	0.00	1.18	1.10	0.42	6.69	.....
Santa Cruz [1]	7.13	7.77	1.41	0.77	2.40	0.87	0.00	0.00	2.55	2.95	0.41	12.89	39.15
Santa Cruz [12]	7.02	8.60	1.64	0.66	2.36	0.72	0.01	T.	2.77	3.59	0.40	13.71	41.48
Santa Cruz light-house	7.01	7.17	1.38	0.71	2.06	0.62	0.01	0.00	2.32	2.34	0.42	11.89	35.93
Santa Margarita	2.99	3.21	0.50	0.85	2.10	0.00	0.00	0.00	2.22	0.73	0.33	10.82	23.75
Santa Maria	1.16	1.78	0.62	0.25	0.73	0.16	0.06	T.	1.05	0.68	0.07	3.86	10.43
Santa Monica	0.95	0.55	0.20	T.	0.23	0.00	0.00	0.00	0.60	0.10	0.00	4.10	6.73
Santa Paula [1]	1.04	0.00	0.00	0.23	0.46	0.00	0.10	0.00	0.98	0.30	0.00	5.45	8.56
Santa Paula [13]	.....	.....	.....	.....	0.56	0.00	0.12	0.02	1.00	0.30	0.00	5.00	.....
Santa Rosa	9.61	3.78	1.31	1.08	1.84	1.30	0.00	0.00	1.50	2.55	0.89	13.14	37.00
Saticoy	0.83	0.38	0.25	0.10	0.66	0.00	0.00	0.00	1.02	0.24	0.00	4.60	8.08
Selma	1.51	1.21	0.40	0.08	0.22	0.90	0.00	0.00	0.40	0.35	0.05	3.35	8.47
Shasta Springs	13.39	6.44	4.49	3.55	4.05	2.83	0.01	0.22	1.94	7.51	2.95	21.47	68.85
Shingle Springs	7.07	9.40	1.60	1.08	3.25	0.25	0.00	0.00	0.00	3.55	0.99	14.50	41.64
Sims	10.98	4.40	6.37	1.00	3.42	2.52	T.	0.36	2.80	1.65	.....	.....	.....
Sisson	10.72	2.60	3.45	0.70	2.85	2.25	0.00	0.00	.....	3.65	1.70	11.13	.....
Sneddens Ranch	1.31	0.65	0.45	0.16	0.75	0.00	0.00	1.15	0.75	0.00	0.00	6.99	12.21
Soledad	2.05	0.00	0.40	0.22	0.62	0.00	0.00	0.00	0.79	0.71	0.20	2.73	8.32
Sonoma	10.39	3.96	1.47	1.00	1.40	0.75	0.00	T.	.....	.....	.....	.....	.....
Southeast Farallone light house	5.59	2.16	0.75	0.77	1.05	0.50	0.00	0.00	0.55	1.65	0.50	9.07	22.59
South Vallejo	6.26	1.98	0.47	0.54	0.87	0.31	0.00	0.00	.....	1.49	0.50	7.55	.....
Spadra	.....	0.09	0.44	.....	0.28	0.00	0.00	0.00	0.50	0.00	0.00	5.85	.....
Squirrel Inn	4.00	3.23	3.54	1.17	1.37	0.23	.....	0.02	0.50	0.34	0.00	10.38	.....
Stanford University	.....	.....	.....	.....	1.05	0.07	T.	0.00	2.40	1.19	0.40	8.25	.....
Stockton [14]	3.88	4.93	0.45	0.10	1.84	0.70	0.00	0.00	1.76	1.32	0.56	6.80	22.34
Stockton [1]	3.88	5.44	0.61	0.15	0.89	0.82	0.00	0.00	.....	3.60	0.60	7.87	.....
Suisun City	6.33	2.29	0.88	0.41	1.85	0.77	0.00	0.00	0.95	1.28	0.53	9.53	24.82
Summerdale	.....	.....	.....	1.43	.....	1.76	T.	0.01	1.82	2.63	1.00	17.29	.....
Susanville	6.10	3.53	2.35	0.95	1.55	0.75	0.00	0.20	0.30	1.96	0.40	8.66	26.75
Sutter Creek	5.95	7.70	1.06	1.12	4.50	1.11	0.00	T.	0.92	2.95	1.10	12.25	38.66
Tecarte Dam	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00	5.93	.....
Tehachapi [1]	2.80	1.68	0.00	.....	0.32	0.27	0.00	0.00	.....	0.00	0.00	3.75	.....
Tehachapi [15]	1.94	1.11	1.45	0.18	0.35	.....	.....	.....	.....	.....	.....	.....	.....
Tehama	5.92	1.82	1.00	0.50	1.01	0.52	0.00	0.25	.....	2.37	0.00	7.25	.....
Templeton	1.58	0.87	0.61	0.52	1.42	0.14	0.00	0.00	0.90	1.09	0.11	6.03	13.27
Towles	13.76	10.10	5.39	2.42	2.06	2.15	0.00	0.00	1.20	5.60	1.60	13.88	58.16
Tracy	2.13	2.09	0.00	0.03	2.00	1.14	0.00	0.00	1.28	0.43	0.36	4.46	13.92

[1] Pacific Railway system.
[2] L. F. Bassett.
[3] "Citrograph."
[4] S. H. Gerrish.
[5] Dr. E. K. Abbott.
[6] Michael Gorman.
[7] Dr. A. C. Simonton.
[8] The Tribune.
[9] Hugh. L. Vail.
[10] A. Block.
[11] R. L. Higgins.
[12] W. R. Springer.
[13] N. R. Blanchard.
[14] T. G. Brown.
[15] Austin Young.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
California—Continued.													
Traver	1.51	1.05	0.37	0.00	0.10	1.30	0.00	0.00	0.50	.....	0.00	2.96	.....
Trinidad light-house	10.48	5.86	9.34	2.94	1.76	2.55	0.00	0.00	1.65	2.89	2.20	9.86	49.53
Tropico	0.72	0.73	0.90	0.04	0.34	0.00	0.00	T.	0.97	0.00	0.00	4.82	8.52
Truckee	8.06	10.95	2.65	2.15	1.05	T.	0.00	0.00	0.13	1.12	0.60	13.95	40.66
Tulare[1]	1.16	0.37	0.98	0.09	0.23	1.07	0.00	0.00	0.35	0.25	0.00	2.39	6.89
Tulare[2]	1.28	0.34	1.16	0.13	0.36	1.15	0.00	0.00	0.50	0.11	0.06	2.99	8.08
Tulare[3]	1.24	0.38	0.77	0.90	0.43	1.18	0.00	0.00	0.42	0.18	0.20	2.44	8.14
Tunnel No. 2	1.75	1.41	2.41	0.48	1.23	0.05	.....	0.33	0.32	0.34	0.00	14.96	.....
Turlock[1]	2.74	2.37	0.00	0.17	1.47	0.90	0.00	0.60	.....	1.20	0.32	5.23	.....
Turlock[4]	2.82	2.17	0.20	0.16	1.70	1.15	T.	0.04	0.89	0.63	0.36	5.38	15.50
Ukiah	15.68	9.41	3.03	2.36	1.21	1.27	T.	0.00	0.77	2.45	1.37	15.47	53.02
Upper Lake	10.43	6.21	1.80	1.46	1.02	1.12	0.00	T.	0.53	2.05	1.13	11.62	37.37
Upper Mattole	27.56	11.97	8.45	3.80	2.05	3.09	0.00	0.00	2.75	6.12	5.52	27.77	99.08
Vacaville[5]	8.70	4.50	1.18	0.62	1.55	0.84	0.00	0.00	1.13	3.33	0.63	12.80	35.28
Vacaville[1]	10.77	4.75	0.60	0.63	1.32	0.78	0.00	0.00	.....	3.50	0.45	13.27	.....
Valley Springs	0.91	5.86	0.91	0.95	4.09	1.28	0.00	0.00	1.00	2.04	1.20	10.51	34.75
Ventura	0.81	0.50	0.27	0.17	0.50	0.00	0.13	T.	0.95	0.10	T.	3.13	6.56
Vina	4.18	2.51	1.41	0.89	0.96	0.51	0.00	0.00	1.05	1.13	0.65	8.28	21.57
Volcano Springs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T.	.....	1.08	0.00	1.00	.....
Walnut Creek	5.85	3.79	0.67	0.79	0.80	0.42	0.00	0.00	1.50	2.23	0.50	10.04	26.59
Weaverville	11.47	5.02	4.60	.....	2.22	.....	.....	.....	.....	.....	.....	.....	.....
Wenrich Ranch	1.05	1.46	0.58	0.25	1.24	T.	0.00	0.00	0.40	0.00	0.01	3.96	8.95
West Butte	3.55	1.10	0.65	0.36	2.67	0.50	0.00	0.00	0.94	1.06	0.48	8.18	19.49
Westley	1.93	1.78	0.11	0.04	1.19	0.85	0.00	0.00	0.80	0.65	0.23	4.67	12.25
West Point	.....	9.83	2.95	2.16	.....	.....	0.00	0.00	0.95	4.73	5.20	16.28	.....
Wheatland	5.71	3.82	1.09	0.66	2.58	0.85	T.	0.14	0.47	1.62	0.77	10.75	28.46
Whittier	0.65	0.55	0.63	0.10	0.00	0.00	0.00	0.00	T.	T.	0.00	5.03	6.96
Williams	3.27	1.07	0.86	0.15	1.59	0.60	0.00	0.00	1.18	0.91	0.18	7.27	17.08
Willows[6]	3.49	1.12	0.81	0.47	1.65	0.16	T.	.....	.....	.....	.....	.....	.....
Willows[1]	3.65	0.95	1.03	0.40	1.10	0.80	0.00	0.00	0.75	0.98	0.07	9.39	19.12
Wilmington	.....	.....	.....	.....	T.	0.00	0.00	0.00	.....	T.	0.00	.....	.....
Winchester	0.47	0.32	0.77	0.20	0.00	0.00	0.06	0.00	.....	.....	0.00	4.98	.....
Winters	8.07	3.53	0.73	0.60	1.20	0.00	0.00	0.00	0.85	1.39	0.44	14.70	31.51
Wire Bridge	9.18	9.07	2.19	1.27	2.65	1.02	0.00	T.	0.74	2.60	1.17	13.31	43.20
Woodland	3.99	2.00	0.80	0.33	1.45	0.64	0.00	0.00	0.82	1.01	0.85	10.69	22.58
Yerba Buena light-house	6.06	2.17	0.42	0.65	1.30	0.06	0.00	0.00	1.10	1.30	1.12	7.60	21.78
Yreka	7.59	3.22	3.32	0.10	3.31	0.70	0.77	0.41	0.01	1.60	0.57	5.40	27.00
Yuba City	4.95	2.32	0.89	0.46	2.26	0.70	T.	0.00	0.80	1.99	0.86	11.15	26.38
Colorado.													
Abbott	0.05	0.38	0.57	1.55	1.12	1.39	1.75	1.42	0.76	T.	0.10	0.16	9.25
Akron	0.40	1.10	0.90	0.06	0.57	0.67	1.83	0.50	1.04	.....	.....	.....	.....
Alma	0.46	0.95	0.88	1.22	2.97	0.46	3.09	3.05	0.83	0.21	0.30	1.09	15.51
Amherst	0.04	0.34	0.25	0.29	0.08	1.82	1.15	.....	.....	.....	.....	.....	.....
Antlers	.....	.....	.....	.....	.....	0.00	.....	.....	0.89	0.93	0.11	1.33	.....
Arboles	0.50	2.10	0.80	0.40	.....	.....	.....	.....	.....	.....	.....	.....	.....
Avoca	0.02	1.10	0.85	0.40	0.51	0.88	1.22	1.88	0.22	0.00	0.32	0.40	7.80
Boulder	0.16	0.82	1.40	2.30	.....	.....	3.08	0.84	.....	.....	.....	0.67	.....
Boxelder	.....	.....	0.39	0.43	3.79	0.41	2.90	2.53	2.16	0.06	0.17	1.45	.....
Breckenridge	2.65	7.77	1.50	4.66	1.29	1.01	3.22	2.20	0.63	1.35	2.50	2.96	31.74
Brush	0.15	0.34	0.90	1.77	0.45	.....	.....	.....	.....	.....	.....	.....	.....
Canyon	0.00	0.63	1.16	0.75	5.86	1.95	2.82	1.78	0.37	0.00	0.00	0.64	15.96
Castle Rock	0.20	1.05	0.95	1.90	4.84	0.89	2.46	1.53	1.55	0.20	0.60	0.31	16.48
Cheyenne Wells	T.	1.30	0.10	0.62	2.36	0.66	3.46	.....	.....	.....	.....	.....	.....
Climax	4.83	4.70	4.81	4.61	4.70	1.31	3.12	3.21	1.40	2.00	1.00	3.90	39.59
Collbran	0.93	1.82	2.18	1.23	0.50	0.47	1.81	0.53	0.45	1.24	0.65	2.54	14.35
*Colorado Springs	0.03	0.65	0.36	0.25	7.34	3.95	2.95	1.38	0.87	.....	0.22	0.42	.....
Como (near)	0.18	0.58	0.66	0.99	3.10	0.83	5.83	2.67	0.63	0.07	.....	.....	.....
Cope	0.25	0.80	0.50	0.66	1.07	1.03	0.76	0.87	0.00	0.13	0.30	0.54	6.97
Craig	.....	.....	.....	.....	0.29	.....	.....	1.06	2.21	.....	0.20	0.80	.....
Crook	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	0.05	0.47	.....
Delta	0.12	0.90	0.64	0.00	0.10	0.12	0.58	1.56	0.59	0.87	0.00	0.80	6.28
*Denver	0.18	0.90	0.70	3.30	3.00	0.39	2.11	1.86	1.55	0.19	0.22	0.69	15.09
Divide Experiment Station	T.	1.11	0.83	1.95	4.55	4.59	2.82	2.76	0.83	0.31	0.18	1.18	21.11
Downing	0.10	1.17	0.93	1.96	1.51	0.30	1.60	2.01	3.10	0.00	0.25	0.45	13.38
Dumont	0.30	0.90	1.10	2.50	7.25	1.00	2.99	2.67	2.06	0.25	0.20	0.95	22.17
Durango	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.78	0.00	3.45	.....
East Dale	0.05	1.20	0.12	T.	0.68	.....	1.55	.....	.....	.....	.....	.....	.....
Fleming	.....	.....	.....	.....	0.19	2.15	0.69	0.59	1.02	0.09	0.17	0.86	.....
Fort Collins	0.25	0.60	0.67	0.89	3.09	0.42	1.72	1.53	2.29	T.	0.14	0.76	12.36
Garnett	T.	0.80	0.02	0.02	1.07	0.34	1.22	2.07	0.79	0.00	0.00	T.	6.33
Glen Eyrie	0.02	0.39	1.36	0.40	6.72	1.29	3.25	1.23	0.66	0.09	0.07	0.28	15.76
Glenwood Springs	1.27	0.87	2.21	0.91	0.18	0.64	1.48	1.28	.....	.....	.....	.....	.....
Gold Hill	0.89	0.88	1.27	3.75	9.00	1.17	2.10	1.87	2.95	0.05	0.45	1.38	25.76
Grand Junction	0.08	0.47	0.97	0.15	0.56	0.07	0.57	0.64	0.62	0.97	0.16	0.78	6.04
Greeley	0.03	0.40	0.31	1.75	1.03	0.08	0.76	0.11	0.97	T.	0.05	0.44	5.93
Greenhorn	.....	.....	3.10	1.30	.....	.....	.....	.....	.....	.....	.....	0.16	.....
Gunnison	0.55	[c]2.10	0.90	0.40	0.66	0.68	[3]0.21	0.37	0.33	.....	.....	.....	.....
Gypsum	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.39	.....	.....	.....
Holly	0.04	0.80	0.10	0.45	1.43	2.08	2.94	0.55	1.93	0.01	T.	0.10	10.43
Holyoke	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.40	0.42	.....
Hugo (near)	0.07	0.29	0.54	1.11	4.10	0.51	1.45	1.23	1.19	0.05	0.02	0.17	10.73
Husted	T.	0.39	0.39	1.17	4.53	2.20	2.21	2.32	0.77	0.28	0.15	0.40	14.81
Idaho Springs	0.19	0.52	0.74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Julesburg	0.48	0.37	0.20	0.61	0.21	3.43	0.88	0.73	0.46	0.10	T.	0.18	7.75
Kirk	.....	T.	0.10	.....	.....	.....	0.90	0.90	.....	.....	.....	.....	.....
La Jara	0.02	1.33	0.01	0.06	0.94	0.22	1.30	1.79	0.80	0.10	0.00	0.18	6.75
Lake Moraine	.....	.....	.....	.....	[j]0.11	2.00	1.26	1.29	0.19	0.10	0.30	0.22	.....

[1] Pacific Railway system.
[2] Experiment station.
[3] John Twohy.
[4] P. R. McCabe.
[5] G. O. Coburn.
[6] A. W. Schorn.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Colorado—Continued.													
Lamar	0.00	.....	.....	.....	.....	.....	3.65	0.45	2.60	.....	.....	.....	.....
La Porte	0.29	0.60	0.68	0.75	3.11	0.52	1.96	1.64	.....	.....	.....	1.14	.....
Las Animas	0.00	1.10	T.	0.07	1.20	0.03	0.10	0.02	0.11	0.00	T.	1.15	3.78
Lavender	.....	.....	.....	0.31	0.61	0.70	1.55	2.09	1.15	1.70	T.	1.15	.....
Lay	1.12	1.29	1.10	1.94	0.17	0.79	0.90	0.10	1.00	1.20	T.	1.60	11.21
Le Roy	0.35	0.46	0.95	0.98	0.17	0.75	1.16	0.47	1.06	0.08	0.26	0.65	7.34
Leslie	0.02	0.35	0.55	0.78	0.30	0.88	0.90	0.45	1.19	0.11	0.20	0.20	5.93
Longmont	0.73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Loveland	0.13	0.67	0.51	1.18	3.70	0.17	1.18	0.24	1.82	0.00	0.25	0.92	10.77
McCoy	0.94	1.25	0.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manhattan	0.42	1.07	0.95	2.23	3.00	0.59	1.53	0.77	1.75	0.00	0.14	1.09	13.54
Meeker	1.86	1.45	0.69	1.99	0.39	0.86	.....	.....	2.35	1.97	0.14	1.34	.....
Minneapolis	0.05	1.30	0.35	1.51	3.22	1.84	0.89	1.23	3.57	0.00	T.	0.40	14.36
Monte Vista	0.01	0.98	T.	0.31	1.01	0.30	1.18	1.70	0.65	0.09	T.	T.	6.23
Moraine	0.40	0.97	1.08	1.86	5.72	0.38	2.25	1.26	2.13	0.56	0.54	1.58	18.73
Ouray	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.12	3.64	.....
Pagoda	1.85	3.00	1.65	2.75	0.39	1.12	0.95	1.70	2.03	1.90	0.25	2.75	20.34
Paonia	0.10	1.35	.....	.....	0.45	0.21	1.55	2.81	0.29	2.73	.....	1.98	.....
Parachute	0.40	0.65	0.79	0.34	0.08	0.19	0.91	0.33	0.49	1.35	.....	2.61	.....
*Pikes Peak	0.43	1.01	1.34	2.45	7.70	0.54	3.81	4.17	1.94	.....	.....	.....	.....
*Pueblo	0.09	1.38	0.24	0.15	3.76	1.06	1.70	2.42	0.87	0.23	0.06	0.68	12.64
Rangely	.....	.....	.....	.....	.....	.....	0.66	0.62	2.58	0.38	0.10	0.75	.....
Red Cliff	3.75	0.85	3.05	3.59	0.83	0.67	3.23	2.23	0.89	2.09	0.75	2.40	24.33
Rico	1.73	2.89	3.52	0.61	0.21	0.00	2.07	2.32	0.93	0.37	0.36	5.13	20.14
Rocky Ford	0.10	0.95	0.45	0.60	4.25	0.70	1.40	0.25	0.80	0.00	0.04	0.65	10.19
Ruby	.....	.....	.....	.....	.....	0.92	2.79	1.63	1.82	4.37	2.24	11.81	.....
Saguache	.....	.....	.....	0.33	1.15	0.50	1.13	0.92	0.47	0.00	0.00	0.15	.....
Saint Cloud	0.25	0.72	1.10	2.40	.....	.....	.....	.....	2.90	0.03	0.20	2.00	.....
Sanborn	0.60	0.70	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Juan	.....	.....	.....	.....	.....	0.32	1.72	1.75	1.25	0.24	0.10	1.85	.....
San Luis	0.71	1.10	0.76	0.55	1.19	0.74	1.06	2.13	1.20	0.59	0.00	0.55	10.58
Santa Clara	.....	.....	.....	.....	.....	.....	.....	.....	1.10	0.50	0.10	1.40	.....
Scissors	0.30	2.30	2.20	.....	.....	.....	.....	.....	.....	.....	0.20	1.60	.....
Seibert	0.02	1.00	0.23	1.18	2.52	2.31	1.17	0.83	0.00	0.23	0.10	0.47	10.06
Smoky Hill Mine	0.04	1.00	1.90	4.00	8.62	1.74	3.46	1.85	2.60	0.20	0.35	1.60	27.36
Springfield	0.02	1.85	0.00	1.59	5.64	1.20	2.33	0.69	5.20	0.05	0.35	0.35	19.27
Spring Gulch	.....	.....	.....	.....	.....	.....	.....	1.60	1.68	1.76	0.60	1.68	.....
Stamford	0.50	3.50	1.60	1.65	3.05	1.10	3.00	4.10	0.28	0.70	0.65	2.15	22.28
Steamboat Spring	5.50	2.40	1.60	2.10	1.00	0.10	0.70	.....	0.90	1.70	.....	.....	.....
Sunnyside	1.30	.....	1.29	2.54	8.46	1.59	3.71	2.83	2.97	0.63	0.52	0.87	.....
Surface Creek	0.35	1.80	1.86	0.10	0.72	0.37	0.20	1.19	1.43	1.22	0.30	2.80	12.28
Thon	0.06	0.07	0.07	0.48	3.14	1.00	3.10	3.52	1.11	0.11	0.12	0.40	13.78
T S Ranch	0.30	1.03	1.13	0.36	0.75	0.38	1.20	.....	0.80	1.33	0.15	1.58	.....
Twin Lakes	0.04	0.39	0.10	2.62	1.77	T.	5.32	1.95	0.10	1.37	0.34	0.74	14.74
Vernon	.....	.....	.....	.....	0.01	3.23	1.87	1.60	0.24	0.10	0.12	0.24	.....
Vilas	.....	2.00	0.10	0.79	3.50	1.20	2.32	0.84	3.25	0.29	0.00	0.50	.....
Wallet	0.50	1.10	0.40	0.10	1.19	3.19	1.10	0.24	T.	T.	.....	0.40	.....
Ward District	0.80	0.86	1.39	.....	7.40	2.28	1.44	1.32	0.96	.....	.....	.....	.....
Yuma	0.50	0.90	1.10	0.68	0.04	1.85	0.80	0.70	2.85	0.00	0.22	0.70	10.34
Zuck	0.04	0.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.													
Bridgeport	2.92	4.57	1.48	2.40	6.12	1.38	0.69	2.29	5.86	7.25	5.85	4.69	45.50
Canton	2.90	3.58	1.71	2.54	5.58	0.58	1.92	0.73	5.58	6.46	3.55	3.77	38.90
Colchester	2.45	3.20	1.55	4.59	4.03	0.49	2.05	1.07	3.01	5.83	4.51	4.08	36.86
Colebrook River	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.33	3.82	.....	.....
Falls Village	2.03	2.17	1.63	2.55	5.57	0.86	1.35	0.57	4.44	4.06	4.15	4.58	33.96
Greenfield Hill	2.88	4.65	1.16	2.52	6.15	0.87	0.70	1.64	4.68	5.61	5.41	4.40	40.67
Hartford	2.58	4.60	1.62	2.76	5.03	0.31	1.44	2.44	5.82	6.50	4.72	4.63	43.05
Lake Konomoc	2.50	2.98	1.67	3.21	3.91	0.64	0.93	1.35	2.09	6.77	4.98	4.08	35.11
Lebanon	2.63	4.63	1.78	3.32	4.63	1.08	1.35	1.51	.....	5.75	.....	.....	.....
Middletown	2.83	4.18	1.71	2.51	5.29	0.30	1.10	1.33	3.55	8.00	5.72	4.85	41.46
New Hartford[1]	2.77	2.90	1.83	2.55	5.48	1.77	3.71	1.29	5.64	6.46	4.04	.....	.....
New Hartford[2]	1.95	2.60	1.83	2.00	4.50	1.60	3.00	1.00	4.54	6.46	.....	.....	.....
*New Haven	2.74	4.23	1.15	2.24	4.49	0.49	2.40	1.70	4.63	6.11	4.23	3.33	37.74
*New London	3.50	3.80	2.07	2.62	3.58	0.53	0.44	2.91	2.59	7.21	4.75	5.25	39.20
North Grosvenor Dale	2.66	2.48	0.94	2.84	4.18	0.18	1.51	2.86	1.26	3.68	3.89	3.69	30.17
Norwalk	1.64	3.17	1.22	1.82	4.88	1.49	0.83	1.23	5.52	5.86	5.55	4.11	37.32
Southington	2.21	3.85	1.21	2.35	6.85	0.65	2.00	2.15	5.60	6.30	4.50	4.05	41.72
South Manchester	2.07	3.17	1.76	1.94	5.26	0.66	1.70	2.84	2.37	5.42	4.29	3.67	35.15
Stevenson	2.43	.....	1.44	2.45	5.08	.....	.....	.....	.....	.....	.....	.....	.....
Storrs	2.24	3.13	1.18	2.67	3.58	0.59	2.09	2.37	3.01	4.16	4.00	4.31	33.33
Voluntown	3.84	3.72	1.65	4.12	4.25	1.42	1.83	2.22	2.30	5.64	4.45	4.47	39.91
Wallingford	2.92	5.45	1.69	3.30	4.56	0.65	1.16	2.23	4.88	7.07	6.86	4.09	44.86
Waterbury	2.68	4.13	1.43	3.16	7.58	0.54	2.43	2.41	5.35	4.91	4.30	4.21	43.13
West Simsbury	2.56	2.62	1.69	2.22	5.47	0.59	1.95	0.75	5.71	6.34	4.16	4.09	38.15
Windsor	2.18	3.76	1.75	1.66	3.82	1.10	1.80	4.23	4.68	4.85	4.12	4.54	68.49
Delaware.													
Dover	2.77	4.81	1.27	.....	.....	1.60	2.16	4.01	4.61	4.15	2.88	3.39	.....
Milford	2.70	5.09	1.43	4.40	6.67	.....	2.85	4.21	4.16	5.63	2.12	2.80	.....
Millsboro	2.53	4.95	1.60	4.37	7.20	4.01	4.07	2.26	4.82	5.65	2.35	2.37	46.18
Newark	.....	.....	.....	3.38	12.67	3.44	2.44	4.99	8.89	3.56	2.69	2.65	.....
Seaford	2.85	4.60	1.18	.....	6.56	1.16	.....	2.24	2.58	4.40	2.35	2.38	.....
Wilmington	.....	.....	.....	3.38	11.99	2.90	0.94	5.78	4.78	4.17	2.90	5.30	.....
District of Columbia.													
Distributing Reservoir	1.15	4.02	1.13	2.25	3.85	1.74	2.24	1.71	1.09	3.58	1.23	3.14	27.13
Receiving Reservoir	1.87	3.33	1.04	2.56	6.91	1.75	2.28	1.58	1.72	3.88	1.65	3.22	31.79
*Washington	2.14	4.64	0.98	3.34	4.03	1.24	2.14	2.00	1.53	3.14	1.52	4.15	30.85
West Washington	2.04	4.35	1.06	3.37	4.28	1.45	2.20	2.21	1.49	3.06	1.68	3.98	31.17

[1] Rev. William Goodwin.

[2] R. R. Smith.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Florida.													
Amelia	2.80	4.70	2.60	0.10	1.05	2.60	6.55	7.10	15.38	1.00	4.32	0.76	48.96
Archer	2.71	4.88	1.96	1.44	2.23	6.81	12.21	5.29	[1]9.35	3.26	5.49	0.45	56.08
Avon Park	.....	.....	.....	.....	.....	10.74	10.08	8.96	11.16	4.15	1.79	0.69	.....
Brooksville	1.55	3.42	1.41	0.97	5.78	8.70	11.68	6.53	15.87	4.29	1.84	2.30	64.34
Clermont	1.92	1.82	0.59	0.29	1.37	5.90	7.68	10.64	19.78	3.96	1.67	1.22	56.84
Eustis	2.32	0.98	0.88	1.10	1.69	6.19	5.46	4.08	13.49	3.76	2.66	1.41	44.02
Federal Point	4.23	2.16	1.84	1.78	2.33	3.09	9.54	6.99	19.19	3.86	7.61	1.73	64.35
Fort Meade	0.97	3.16	1.04	0.24	1.23	14.32	5.90	7.12	14.65	2.77	1.18	1.41	53.99
*Gainesville	.....	.....	.....	.....	2.29	5.11	10.70	7.23	19.91	1.18	5.24	.....	.....
Grasmere	1.37	1.13	0.72	0.50	1.38	4.40	11.55	5.45	15.71	2.44	1.35	0.69	46.69
Green Cove Springs	[1]0.62	1.88	2.77	1.00	0.26	4.76	11.46	9.37	14.68	3.40	6.75	1.11	58.06
Homeland	1.32	1.79	1.00	0.40	2.13	14.39	5.46	10.13	16.81	3.95	2.18	0.94	60.50
Hypoluxo	.....	.....	.....	.....	.....	.....	5.34	1.02	17.75	4.14	1.98	0.73	.....
*Jacksonville	2.29	3.44	3.12	0.83	1.49	4.93	7.10	9.24	16.63	3.24	3.72	0.81	56.84
*Jupiter	2.55	0.21	0.69	0.74	2.95	4.22	3.60	1.54	13.65	6.29	2.99	0.99	40.42
*Key West	1.21	0.02	1.13	0.03	4.53	3.27	2.30	4.35	17.29	6.91	1.04	0.26	42.34
Kissimmee	2.29	1.40	0.74	1.37	3.75	5.91	5.15	8.76	16.20	4.51	0.82	2.54	53.44
Lake City	2.48	6.45	3.17	2.26	1.34	5.78	9.43	5.66	6.70	3.53	3.86	2.51	53.17
Manatee	0.46	1.42	1.62	0.44	2.50	9.11	9.54	8.49	7.60	2.79	0.46	0.52	44.95
Merritts Island	1.63	0.21	0.84	0.22	0.74	6.77	3.87	5.79	15.77	2.14	5.58	1.30	44.86
Moseley Hall	1.71	9.00	4.04	3.98	1.33	6.54	15.29	5.80	4.21	7.36	3.44	3.20	65.90
Mullet Key	0.90	1.88	0.64	0.51	3.35	3.17	5.91	9.04	6.69	0.56	1.80	0.40	34.85
Myers	0.68	1.55	1.07	1.30	1.47	15.55	5.15	8.70	9.89	4.58	0.97	0.24	51.15
New Smyrna	2.27	0.60	1.08	2.49	0.44	7.06	7.03	.....	15.07	4.44	4.09	0.09	.....
Ocala	2.21	1.43	0.99	0.03	3.33	4.93	8.41	7.04	14.42	2.26	2.72	1.38	49.15
Orange City	1.81	0.48	0.53	0.63	0.88	2.61	8.77	.....	11.60	2.04	2.03	0.36	.....
Orange Park	.....	3.34	2.01	1.44	2.26	2.99	.....	11.20	17.02	3.74	4.35	0.82	.....
Orlando	1.86	0.98	0.88	1.14	3.39	7.86	7.02	7.61	.....	4.70	3.22	0.56	.....
Oxford	1.96	1.83	1.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Pensacola	2.92	9.22	7.52	1.73	2.57	0.87	6.17	13.67	4.11	3.06	0.70	1.45	53.99
Plant City	2.35	1.98	1.33	0.34	2.86	7.81	6.55	9.51	18.43	3.80	0.97	1.82	57.75
St. Francis Barracks	3.48	1.61	1.28	2.16	3.80	5.69	10.45	3.18	8.13	3.70	7.10	0.20	50.78
St. Petersburg	2.65	1.90	1.65	0.68	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tallahassee	1.29	11.19	4.45	3.55	2.08	1.28	12.60	8.29	6.80	7.43	0.90	3.02	62.88
*Tampa	1.42	2.73	1.71	1.36	6.92	9.15	11.56	7.16	17.28	4.84	2.26	0.54	66.93
Tarpon Springs	3.03	1.92	2.03	0.75	4.46	8.67	7.43	10.36	11.35	2.81	1.93	0.87	55.55
*Titusville	4.35	0.45	0.64	0.17	0.93	4.49	6.18	5.33	14.46	3.63	2.41	0.68	43.72
Georgia.													
Adairsville	4.40	4.91	3.14	2.49	1.78	2.57	3.18	2.65	1.29	1.69	1.20	6.89	36.19
*Alapaha	1.18	8.33	4.25	3.41	1.60	2.18	6.59	11.08	7.41	6.32	0.99	2.10	55.44
*Albany	2.64	8.71	3.28	2.96	2.26	2.14	7.82	10.92	2.44	5.73	4.50	4.20	57.60
*Americus	2.96	7.49	3.19	2.37	1.68	3.56	9.89	6.61	2.06	4.02	1.80	2.64	48.27
Athens[1]	4.79	4.64	2.34	1.76	2.06	4.77	4.74	3.55	5.77	4.12	1.61	4.39	44.54
*Athens[2]	.....	.....	.....	.....	1.86	2.87	3.82	3.73	6.25	3.63	1.56	5.16	.....
*Atlanta	5.09	4.98	2.99	3.06	1.49	1.29	5.55	3.70	5.78	2.62	0.92	3.45	40.92
*Augusta	1.68	7.09	2.04	2.17	3.49	9.12	9.99	7.39	5.26	3.34	1.82	2.15	55.54
*Bainbridge[2]	.....	.....	.....	.....	3.05	4.77	7.05	6.29	2.67	3.56	0.61	.....	.....
*Bainbridge[3]	1.66	7.69	6.56	4.00	2.46	.....	7.09	6.87	2.52	7.03	0.61	2.17	.....
Blakely	3.86	9.89	5.75	3.67	3.14	2.03	5.47	7.69	1.74	7.74	1.04	3.89	55.91
Brag	[4]0.75	4.43	2.90	1.48	7.03	2.75	10.40	8.25	9.62	3.55	1.13	0.64	52.93
*Camak	.....	.....	.....	.....	3.54	2.63	8.20	5.79	3.15	4.50	2.48	.....	.....
Camilla	1.48	9.36	3.84	3.07	3.38	2.12	5.50	6.05	.....	.....	.....	.....	.....
*Canton	6.60	4.89	2.92	3.08	3.00	2.64	5.25	8.05	5.67	1.92	1.06	7.98	53.15
Clayton	5.70	6.53	2.48	2.66	2.52	2.31	7.29	2.99	1.98	2.95	0.66	8.19	46.26
*Columbus	2.40	7.81	3.47	1.20	2.16	3.65	9.88	4.88	1.77	6.41	0.52	5.43	49.58
*Cordele	2.30	5.72	3.06	.....	2.27	1.11	10.54	8.66	3.64	2.55	0.30	.....	.....
Covington	3.81	5.77	2.30	2.81	1.19	1.09	9.58	5.46	2.48	3.20	0.41	4.75	42.85
Dahlonega	6.76	7.26	2.71	2.47	5.56	2.35	7.89	8.74	3.75	2.52	1.01	8.38	59.40
Darien	1.53	4.50	3.24	0.96	3.86	1.99	9.87	5.86	11.65	2.43	2.95	0.40	49.24
Diamond	6.02	5.10	3.20	3.38	3.59	3.33	7.66	4.40	2.36	1.99	1.44	9.62	52.09
Dublin[4]	1.54	8.01	5.50	1.68	1.56	2.15	8.88	7.04	2.82	4.18	2.16	.....	.....
*Dublin[3]	0.78	7.34	3.91	1.69	1.45	.....	10.13	7.74	2.66	4.24	2.40	2.49	.....
*Eastman	.....	.....	.....	.....	0.76	2.43	10.75	11.17	4.74	2.95	1.11	.....	.....
*Elberton	5.27	5.38	2.64	1.86	2.08	1.92	6.33	2.28	2.73	6.33	1.25	5.28	43.35
Fleming	0.93	4.63	2.52	2.12	2.12	3.05	11.96	11.45	7.82	.....	.....	0.59	.....
Forsyth	4.16	9.69	3.71	1.86	3.66	2.21	5.91	9.54	1.96	5.92	0.96	4.75	54.33
Fort Gaines	3.33	9.75	3.14	.....	2.92	2.26	5.29	6.45	2.71	7.49	2.81	4.39	.....
*Gainesville	.....	.....	.....	.....	2.70	1.14	4.81	4.40	2.79	3.28	1.17	.....	.....
Gillsville	4.58	5.23	3.54	2.12	2.63	1.25	4.42	5.50	2.39	2.43	1.35	5.45	40.89
*Griffin	.....	7.00	5.85	1.44	1.72	1.79	12.23	6.45	2.75	4.80	1.24	3.30	.....
Hawkinsville	1.54	9.11	2.40	1.57	2.10	4.15	14.84	10.31	3.02	4.35	2.09	2.55	58.63
Hephzibah	2.65	5.90	2.28	4.16	4.50	3.15	12.10	8.36	8.15	4.40	3.70	2.30	61.65
La Fayette	4.03	5.24	4.03	2.25	2.23	1.86	5.01	2.57	3.44	1.45	0.40	.....	.....
Lagrange	3.14	8.01	4.50	2.41	1.45	2.18	4.87	5.44	1.40	3.36	0.42	4.78	41.96
Lawrenceville	3.20	3.45	.....	1.49	1.56	.....	.....	.....	.....	.....	.....	.....	.....
Leverett	2.46	4.39	1.71	[1]1.96	3.19	6.09	10.08	6.01	.....	.....	.....	.....	.....
Louisville	2.13	6.91	3.64	.....	.....	.....	11.96	4.67	3.67	3.28	2.27	2.64	.....
Lumpkin	3.59	9.05	2.18	2.09	2.20	4.50	6.59	4.55	.....	.....	.....	.....	.....
McArthur	1.51	6.13	3.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Macon[2]	.....	.....	.....	.....	4.06	1.75	4.79	6.77	3.74	4.15	.....	.....	.....
*Macon[3]	2.03	7.68	3.39	1.29	2.05	3.37	5.77	6.49	1.59	4.68	1.19	3.87	43.40
Marietta	6.12	6.65	3.41	1.92	1.61	2.93	5.73	4.64	2.63	2.44	0.77	6.74	45.59
Marshallville	3.07	10.41	3.75	2.57	1.90	1.17	4.99	8.23	2.92	4.58	1.21	4.06	48.86
*Millen	1.24	6.85	2.50	1.09	0.80	4.99	12.92	10.48	4.71	5.27	1.85	.....	.....
Monticello	4.00	5.56	3.07	1.90	1.98	1.00	6.50	10.30	2.80	6.10	1.20	1.00	45.41
Morgan	3.77	10.06	2.09	4.73	2.22	4.98	7.79	5.34	4.07	5.64	2.56	2.93	56.12
*Newnan	.....	.....	.....	.....	1.34	1.40	5.32	4.40	2.62	2.95	0.40	.....	.....
Piscola	1.10	8.50	4.85	3.90	0.53	4.20	6.00	6.70	2.15	6.70	2.45	0.90	47.98

[1] Prof. L. H. Charbonnier. [2] Cotton region observer. [3] River observer. [4] Dr. J. T. Chappell.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Georgia—Continued.													
Point Peter	3.95	4.85	2.85	2.90	1.70	2.65	6.70	3.90	5.90	5.10	1.40	5.05	46.95
Poulan	2.28	9.07	3.92	3.00	4.33	2.38	9.05	10.55	2.93	4.82	0.98	1.44	54.75
*Quitman	.....	.....	4.60	.....	1.36	2.03	12.69	7.71	2.76	5.26	4.10	0.95	.....
Ramsey	4.12	3.88	2.98	2.92	2.56	0.98	4.50	3.88	1.16	1.48	0.69	5.99	35.14
*Resaca	3.99	4.65	2.65	2.62	2.84	1.38	4.40	3.03	1.20	1.68	0.76	6.95	36.15
*Reynolds	2.70	8.02	.....	2.08	2.20	4.28	4.71	8.55	2.76	4.80	1.51	4.03	.....
*Rome	5.00	4.52	3.72	2.84	2.14	4.76	4.42	7.69	2.77	1.89	1.24	6.27	47.26
*Savannah	0.86	3.65	2.81	0.64	5.93	2.97	13.18	7.28	7.88	3.17	3.78	0.65	52.80
Talbotton	3.97	7.54	3.13	1.35	1.00	2.69	7.65	6.23	3.28	6.70	1.36	4.90	49.80
*Thomasville	1.02	10.07	7.12	3.72	2.50	2.70	12.43	6.22	4.44	5.14	0.92	1.81	58.09
*Toccoa	5.90	5.57	3.37	2.61	4.97	2.21	6.26	5.71	2.53	2.70	1.79	11.11	54.73
*Union Point	3.13	.....	.....	.....	0.86	2.39	8.25	8.60	3.28	4.63	1.48	.....	.....
*Washington	3.23	3.70	3.87	1.42	2.45	2.30	4.10	6.80	3.30	5.50	2.36	3.59	42.62
*Way Cross	.....	.....	.....	.....	1.71	4.55	10.84	11.54	6.53	2.99	3.35	.....	.....
*Waynesboro	.....	.....	.....	.....	2.80	4.59	15.86	13.70	6.30	5.19	2.30	.....	.....
*West Point	4.38	8.72	3.93	2.28	1.84	1.21	5.87	5.10	3.02	4.43	0.42	4.83	46.03
*Whitesburg	5.39	6.10	4.92	2.94	2.71	0.91	8.18	7.62	4.29	2.64	0.57	4.91	51.18
Idaho.													
American Falls	2.13	1.19	1.76	1.40	0.27	0.88	0.00	1.25	0.89	0.45	0.00	0.87	11.09
Atlanta	.....	3.60	7.20	3.30	1.42	1.65	0.28	0.51	0.96	2.83	1.41	2.09	.....
Bliss	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.35	.....
Boise Barracks	2.88	0.82	1.64	1.26	2.08	0.19	0.00	0.06	0.40	2.46	0.35	1.98	14.12
Chesterfield	0.63	0.39	.....	.....	.....	.....	.....	.....	1.00	0.62	T.	1.37	.....
Corral	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.81	T.	.....	.....
Fort Lemhi	2.56	0.56	0.69	1.89	0.71	1.39	0.19	.....	.....	.....	.....	.....	.....
Fort Sherman	8.70	4.00	7.00	2.50	1.20	1.50	T.	0.02	2.30	2.65	2.58	1.30	33.75
Fraser	.....	.....	.....	2.26	2.14	1.74	0.10	.....	[c]2.97	4.23	3.45	1.48	.....
Garden Valley	5.45	3.20	7.35	3.55	1.36	0.93	0.08	0.91	[d]0.40	5.45	0.27	2.77	31.72
Grangeville	4.86	1.37	3.37	1.85	2.30	4.65	0.66	0.38	3.39	3.62	1.25	2.64	29.74
Hailey	.....	3.95	1.95	1.07	0.42	0.80	0.42	0.08	.....	.....	0.01	1.97	.....
Idaho City	.....	2.65	3.94	3.33	0.83	0.90	0.00	0.99	.....	[f]2.18	T.	4.02	.....
*Idaho Falls	1.81	1.16	2.24	1.55	1.34	2.27	0.07	0.58	1.13	1.28	0.03	1.16	14.62
Kootenai	3.85	3.47	0.40	0.45	2.71	2.13	0.10	0.26	0.84	2.68	2.52	4.50	23.91
Lake	4.05	0.85	2.90	0.95	1.72	2.02	1.11	1.20	0.72	1.10	0.20	3.00	19.82
Lewiston	.....	0.47	1.22	0.88	2.86	1.35	0.03	0.04	1.03	2.54	0.74	0.66	.....
Lost River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.00	1.72	.....
Lucas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.38	4.17	.....
Marion	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.78	.....	.....	.....
Martin	2.53	1.75	3.93	.75	0.20	0.78	0.06	0.35	0.10	1.18	0.00	1.95	14.58
Moscow	6.01	3.10	3.43	1.38	1.53	1.23	0.12	0.25	0.90	3.80	2.21	1.15	25.11
Murray	7.91	3.14	4.95	3.49	4.14	2.79	0.27	0.26	*3.60	5.43	5.05	2.09	43.12
Nampa	0.99	0.87	0.74	1.84	1.92	0.27	0.08	0.02	0.41	1.69	0.06	1.27	10.16
Oakley	0.30	0.70	1.70	0.96	0.23	0.70	0.01	1.72	0.94	0.55	0.00	0.60	8.41
Paris	1.50	1.09	3.41	1.35	0.45	0.64	1.54	0.58	2.12	1.27	0.27	1.05	15.87
Parker	1.17	0.95	1.67	1.55	1.32	2.73	0.36	1.56	0.68	1.93	.....	.....	.....
Payette	2.42	1.79	1.45	1.34	0.96	0.47	0.10	0.25	0.31	1.75	0.36	1.98	13.18
Preston	.....	.....	.....	.....	0.36	.....	.....	.....	.....	.....	.....	.....	.....
Salubria	5.45	2.04	3.45	2.17	1.04	0.49	0.12	0.21	0.66	2.01	0.19	3.27	21.10
Soldier	.....	3.25	3.07	1.08	0.31	.....	.....	.....	.....	.....	.....	.....	.....
Swan Valley	.....	.....	.....	.....	.....	.....	.....	.....	2.02	2.10	0.18	0.89	.....
Illinois.													
Albion	2.59	3.35	2.43	3.09	5.32	0.46	2.12	3.75	2.14	2.35	T.	4.07	31.67
Atwood	2.76	2.58	4.22	2.84	.....	1.68	1.94	.....	.....	.....	.....	.....	.....
Aurora	2.76	1.95	3.17	2.49	2.76	1.87	0.62	1.79	7.07	1.68	1.93	0.90	29.05
*Beardstown	2.40	1.52	0.85	2.26	2.58	2.88	1.77	1.45	6.08	2.39	1.52	1.43	27.13
Bloomington	2.32	1.93	3.37	2.53	3.21	1.89	1.34	[f]0.91	5.59	[0.50]	2.52	1.86	[27.97]
Braidwood	1.16	1.31	2.87	2.23	3.69	2.84	0.46	0.85	5.99	1.18	1.68	1.00	25.26
Bushnell	1.05	1.40	2.28	2.46	2.23	4.69	0.66	0.92	6.86	1.37	2.12	1.15	27.19
*Cairo	2.18	4.77	4.14	2.54	2.79	1.04	1.92	1.68	2.69	1.47	1.42	3.87	30.51
Carlinville	3.09	2.77	3.15	3.12	2.33	1.42	1.77	1.20	5.23	1.07	3.46	1.90	30.51
Carlyle	2.17	2.17	2.68	2.20	3.47	1.44	2.06	0.84	4.97	1.44	0.68	2.92	27.04
Carrollton	.....	.....	2.37	2.02	2.32	1.90	.....	.....	3.76	0.93	1.38	3.47	.....
Chemung	.....	.....	.....	3.34	3.02	3.56	0.76	1.28	8.33	1.87	2.27	0.60	.....
Chester	.....	.....	1.59	2.84	4.57	1.87	1.91	1.62	4.21	3.30	0.58	3.93	.....
*Chicago	1.55	2.13	2.66	2.65	3.35	1.96	0.60	0.60	8.28	0.84	1.18	1.66	27.46
Clear Creek	.....	.....	.....	.....	3.20	4.91	0.25	1.62	7.06	1.29	.....	1.11	.....
Cordova	1.83	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decatur	1.83	2.39	2.79	3.06	1.90	2.23	2.33	1.64	2.94	0.42	1.77	2.65	25.95
Dixon	2.15	1.97	3.12	2.04	4.28	1.91	0.15	[0.92]	3.20	0.99	1.42	0.53	[22.68]
East Peoria	2.44	1.06	2.91	2.04	2.80	3.24	2.53	0.51	5.38	0.31	2.26	2.15	27.63
Effingham	1.50	0.30	3.40	3.27	.....	.....	.....	2.72	4.39	0.70	1.45	1.05	.....
Fort Sheridan	2.94	1.45	2.01	4.70	4.01	0.51	T.	0.27	6.56	2.49	1.64	1.26	27.84
Galva	1.64	0.88	2.53	1.71	2.18	4.14	0.99	1.78	5.17	1.16	1.62	0.62	24.42
Golconda	3.08	4.60	3.54	3.73	3.07	1.77	1.69	2.98	1.80	2.02	1.39	5.41	35.08
*Grafton	.....	.....	.....	2.33	2.03	1.94	1.35	2.15	3.75	1.89	1.90	3.04	.....
Greenville	2.45	2.45	3.53	3.52	3.31	1.51	2.69	2.31	4.75	0.78*	1.89	2.73	31.92
Griggsville	2.06	2.30	2.15	2.85	2.30	2.97	0.78	1.19	2.78	0.78	1.48	1.42	22.96
Havana	2.08	2.32	2.12	1.68	2.23	3.26	1.04	1.84	3.67	1.11	1.98	1.97	25.30
Herrins Prairie	[2.00]	[h]1.30	3.40	1.60	3.35	2.10	0.50	1.75	3.75	3.75	0.90	2.60	[27.00]
Holliday	2.07	3.01	3.61	3.75	2.17	1.43	1.60	1.70	3.38	4.14	1.17	3.49	31.52
Jordans Grove	2.30	2.60	2.81	3.93	3.57	1.17	3.15	1.32	3.91	1.22	0.77	2.84	29.59
Kankakee	[2.35]	1.67	2.04	3.54	3.20	1.11	0.85	1.30	3.44	0.50	2.20	0.94	[28.23]
La Grange	1.64	1.72	.....	.....	3.16	2.09	.....	.....	8.87	1.04	1.45	0.71	.....
Louisville	2.41	2.43	2.97	3.20	3.77	1.91	2.96	1.75	4.09	1.60	0.68	3.00	30.77
Luella	2.35	2.88	3.01	3.38	5.33	1.12	0.98	.....	.....	.....	.....	.....	.....
Martinsville	2.43	2.83	2.20	3.72	4.37	1.10	3.44	3.45	1.70	1.20	0.98	3.49	30.91
Mascoutah	1.17	2.21	2.40	3.50	4.40	1.70	2.00	1.50	4.50	0.80	0.40	3.63	28.21
Mattoon	1.53	[g]1.46	3.33	1.81	[h]1.02	2.25	3.84	2.23	4.60	0.39	3.24	1.72	27.42
Monmouth	1.78	1.35	2.22	2.10	2.10	2.04	1.02	2.00	5.61	1.16	1.52	1.49	24.39

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Illinois—Continued.													
*Mount Carmel	2.70	4.80	3.87	3.18	5.29	2.10	1.19	2.61	2.34	2.14	0.44	4.48	35.14
Mount Pulaski	2.79	2.62	3.23	2.60	2.88	1.91	3.27	1.51	4.06	0.81	1.50	2.43	29.61
Olney[1]	2.27	3.19	3.06	2.80	5.20	1.39	2.28	2.63	2.42	2.02	0.47	3.34	31.07
Olney[2]	2.73	3.74	3.24	3.68	5.32	2.02	3.13	3.30	2.84	2.05	1.07	2.89	36.01
Oregon	1.63	0.88	2.03	2.57	4.86	1.44	0.85	0.50	[3]3.19	2.00	.....	.....	.....
Oswego	2.31	1.10	2.68	2.82	2.82	2.20	0.50	1.49	7.35	1.34	1.79	0.77	27.17
*Ottawa	2.38	1.58	2.57	1.51	4.01	3.03	0.80	1.75	7.18	1.63	2.09	1.19	29.72
Palestine	2.21	5.01	1.97	[2.87]	5.60	2.68	1.85	3.92	2.94	2.15	1.05	2.22	[34.47]
Paris	2.95	2.64	3.80	2.17	3.31	1.78	1.74	2.00	3.78	0.69	3.45	1.51	29.82
*Peoria[3]	2.59	1.51	2.41	1.22	4.33	3.63	0.57	2.65	4.03	1.31	2.47	1.58	28.30
Peoria[4]	2.60	1.48	3.06	2.22	3.58	4.18	1.00	2.50	4.42	1.45	2.92	1.58	30.99
Philo	2.38	3.28	3.04	3.63	2.20	4.44	2.53	1.22	5.02	0.76	2.13	2.19	32.82
Quincy	1.66	1.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rantoul	1.01	1.77	2.75	3.58	4.39	2.37	0.41	2.45	5.21	0.39	1.58	1.16	27.97
Riley	2.24	1.33	3.02	2.62	3.62	1.22	0.31	1.33	15.73	1.57	2.06	0.44	35.49
Rockford	1.47	2.06	3.26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rushville	2.70	2.40	2.41	3.11	2.47	4.21	0.67	2.06	8.32	1.12	2.92	1.70	34.09
St. John	1.86	3.56	3.91	2.62	3.62	3.40	1.37	1.69	2.66	2.91	1.59	2.74	31.93
*Springfield	2.51	2.58	3.09	3.36	2.80	1.56	2.06	1.86	2.94	0.85	1.63	3.10	28.34
Streator	1.90	0.44	2.95	1.03	3.62	2.53	.....	.....	.....	.....	.....	2.10	.....
Sycamore	2.50	1.35	3.26	2.87	3.90	1.79	0.78	0.95	7.88	1.77	1.96	0.74	29.75
Tuscola	1.53	1.05	3.03	4.32	2.87	1.12	2.61	2.06	7.24	0.71	1.97	1.40	29.91
Vienna	2.31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Walnut	2.11	2.10	2.98	1.23	3.57	3.00	0.26	1.35	6.89	1.43	1.52	0.61	27.05
Warsaw	1.74	1.20	.....	1.03	0.78	1.41	0.38	0.01	1.60	.....	.....	.....	.....
Winnebago	1.48	1.25	3.55	2.74	3.51	2.03	1.48	1.27	5.15	1.81	1.79	0.33	26.39
Zion	.....	.....	.....	.....	[5]0.86	3.00	0.33	3.19	6.49	3.68	1.60	0.63	.....
Indiana.													
Angola	1.85	2.17	2.73	1.90	5.59	1.78	1.06	0.89	5.18	3.03	2.68	2.01	30.87
Ashboro	2.11	3.18	2.90	2.30	4.72	4.21	.....	3.13	2.34	.....	.....	.....	.....
Bedford	2.42	3.60	2.40	3.15	.....	2.60	1.00	1.75	1.85	1.65	0.35	.....	.....
Butlerville	2.67	5.00	3.18	2.27	5.85	3.56	1.42	2.58	1.29	1.35	1.24	4.70	35.11
Cambridge City	1.57	3.67	2.78	1.93	4.86	5.46	0.48	0.54	3.99	2.83	1.90	3.41	33.42
Columbia City	1.83	2.79	2.28	3.42	3.82	1.19	1.66	0.87	4.04	2.27	2.73	1.64	28.54
Columbus	2.14	4.11	2.48	2.34	5.04	2.76	0.37	0.85	2.80	1.70	0.85	4.30	29.74
Connersville	1.48	4.14	3.39	1.78	3.72	3.38	0.64	0.67	2.83	1.85	1.44	2.84	28.16
Crawfordsville	.....	.....	.....	.....	3.63	1.79	3.67	0.85	3.04	0.75	2.66	.....	.....
Degonia Springs	3.79	4.24	3.21	4.75	3.94	1.83	0.96	1.70	1.20	1.79	0.65	4.60	32.66
Delphi	1.91	2.99	2.79	2.66	6.96	3.24	1.75	1.46	5.92	0.91	2.49	1.99	35.07
Edwardsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.27	5.24	.....
*Evansville	4.66	4.80	3.39	4.10	3.38	1.92	1.80	2.73	1.89	2.68	0.63	5.13	37.11
Farmland	1.40	3.05	2.17	1.95	4.27	[4]1.39	0.55	2.25	3.14	3.18	3.09	1.33	27.77
Franklin	1.78	3.20	2.87	2.87	4.43	.....	.....	.....	1.70	2.33	1.95	.....	.....
Hammond	1.29	1.89	1.78	2.20	6.23	0.69	0.17	0.44	7.36	0.92	2.17	2.48	27.62
Hawpatch	1.65	2.93	2.47	3.77	.....	1.43	2.30	0.41	2.80	.....	.....	.....	.....
Huntingburg	4.10	5.80	3.08	5.40	4.61	1.41	1.15	3.20	0.88	1.30	0.60	3.87	35.40
Huntington	2.35	3.20	2.46	3.20	3.55	1.04	1.39	0.99	2.88	2.04	3.64	1.87	27.61
*Indianapolis	1.43	4.90	2.82	2.72	4.52	3.76	1.35	1.66	1.82	2.51	1.55	2.09	31.13
Jasper	3.42	4.01	2.95	3.41	2.75	1.28	.....	.....	0.70	2.20	0.53	4.79	.....
Jeffersonville	2.81	5.51	2.98	3.83	4.70	4.07	2.95	4.02	1.99	1.22	0.60	4.69	39.37
Kokomo	1.79	2.98	2.89	3.31	3.61	1.69	1.53	1.43	2.82	1.36	2.71	1.35	27.47
Laconia	2.80	4.88	3.45	3.10	2.50	.....	0.85	.....	.....	.....	0.65	4.34	.....
La Fayette	2.19	2.61	2.81	2.56	5.16	3.54	1.55	2.51	6.63	1.05	2.28	2.33	35.22
*Logansport[5]	2.27	2.67	3.02	4.91	5.64	2.89	0.97	0.72	3.73	1.41	2.68	2.09	33.00
Logansport[6]	1.68	1.95	2.65	3.68	4.08	2.37	0.24	0.79	3.66	1.25	3.16	1.26	26.77
Madison	3.33	4.37	2.98	3.01	7.08	3.07	2.14	3.84	2.83	1.34	1.13	3.84	38.96
Marengo	4.40	7.60	7.50	7.70	4.55	3.45	1.50	3.60	4.00	3.30	0.90	7.15	55.65
Marion	1.03	3.62	3.36	2.48	3.80	1.41	1.07	1.42	2.95	1.90	2.75	1.54	27.33
Markle	1.66	3.56	2.59	2.76	3.37	3.29	0.55	1.41	3.37	.....	.....	.....	.....
Mauzy	1.77	4.05	3.21	2.09	3.98	3.09	0.27	0.56	4.73	2.03	1.77	3.39	30.94
Mount Vernon	3.81	4.59	2.94	3.80	4.90	2.51	0.89	2.67	1.52	2.29	1.54	4.80	36.26
Muncie	3.87	4.77	6.45	3.55	6.05	0.90	.....	.....	.....	.....	.....	.....	.....
New Albany	2.76	5.06	3.13	3.64	5.12	3.17	2.31	3.43	1.57	1.26	.....	.....	.....
Plymouth	.....	.....	.....	2.23	6.07	1.82	3.55	1.25	6.43	1.34	2.98	1.67	.....
Princeton	3.72	4.20	3.15	4.20	3.87	2.40	0.95	2.75	1.65	1.83	0.45	4.45	33.62
Rockville	2.29	2.95	3.73	2.66	3.34	2.00	1.40	2.23	2.47	0.75	2.76	2.95	29.53
*Rushville	1.84	4.33	3.75	2.09	4.06	5.80	0.21	0.47	3.81	2.45	2.52	3.45	34.78
Scottsburg	.....	.....	.....	.....	.....	2.83	0.70	2.14	2.88	1.01	0.71	3.08	.....
Seymour	2.56	5.02	2.73	2.51	6.17	3.27	0.45	1.13	1.56	1.90	1.90	4.23	33.43
Shelbyville	0.89	4.44	2.86	2.24	.....	2.77	2.17	1.37	2.92	2.56	.....	.....	.....
South Bend	1.68	2.08	2.49	3.57	6.15	1.92	1.66	0.51	4.88	1.80	2.80	1.09	30.63
*Terre Haute	1.99	2.73	2.10	2.11	3.63	2.56	3.04	3.63	1.94	0.87	1.30	3.22	29.12
Union City	1.33	3.56	0.98	1.08	.....	.....	.....	.....	.....	.....	.....	.....	.....
Valparaiso	1.70	1.90	2.60	2.70	6.60	2.70	2.00	1.30	8.70	1.24	2.93	1.30	35.67
Veedersburg	2.16	2.35	3.25	.....	[4]3.90	.....	.....	.....	.....	.....	.....	.....	.....
Vevay	3.20	3.13	2.14	2.54	4.30	3.90	0.60	2.05	2.14	0.88	0.87	1.93	27.68
Vincennes	.....	.....	.....	3.39	5.22	2.51	1.31	3.76	2.29	2.73	0.27	3.47	.....
Worthington	2.29	3.34	2.77	2.81	4.85	4.37	3.08	2.45	2.10	3.17	1.03	3.62	35.88
Indian Territory.													
*Eufaula	3.97	2.61	6.23	7.92	0.90	0.65	3.30	2.15	0.60	1.66	0.50	2.70	33.19
Gwenndale	2.00	0.32	2.43	5.34	5.27	0.85	1.84	.....	.....	.....	.....	.....	.....
Healdton	3.72	0.80	5.18	4.56	4.11	0.47	2.60	3.42	2.09	1.90	T.	2.26	31.11
Kemp	1.49	3.73	7.28	4.52	3.68	.....	.....	.....	2.75	0.86	1.44	1.27	.....
Lehigh	3.56	2.78	6.54	4.68	1.16	0.28	2.96	1.63	6.61	3.63	0.65	1.82	36.30
Purcell	3.54	1.09	4.71	3.79	1.87	1.20	1.56	1.45	0.81	2.14	0.00	2.72	24.88
South McAlester	3.70	4.65	4.77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tahlequah	.....	.....	.....	3.04	2.35	[4]1.96	1.29	3.23	5.86	3.20	.....	.....	.....
*Tulsa	1.64	1.00	3.00	4.80	4.30	1.60	2.65	1.20	2.15	2.85	0.60	1.30	27.09

[1] V. E. Phillips.
[2] C. H. Fabs.
[3] River observer.
[4] Dr. F. Brendal.
[5] Special rainfall observer.
[6] D. E. Pryor.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Iowa.													
Afton	.....	.....	.....	.....	.....	2.15	0.96	0.12	3.51	3.53	0.58	1.10	.....
Albia	.....	.....	.....	1.37	1.65	1.33	0.73	0.50	3.91	.....	.....	.....	.....
Algona	1.05	0.15	1.57	4.81	1.20	1.80	0.24	1.77	1.28	2.92	0.17	0.97	17.93
Alta	0.71	0.30	0.75	3.59	1.54	2.78	0.39	2.87	1.14	3.18	0.26	0.98	18.49
Amana	1.13	1.56	2.92	2.55	3.47	1.73	0.98	1.98	4.05	2.27	1.64	1.34	25.62
Ames[1]	1.06	1.00	1.51	4.25	0.87	3.51	.....	.....	3.84	4.71	0.45	0.64	.....
Ames[2]	0.57	0.53	1.49	4.28	0.93	3.37	0.04	2.10	3.03	5.25	0.50	0.86	22.95
Atlantic	0.95	1.15	1.43	1.52	1.18	3.95	1.23	0.56	3.99	3.78	0.20	0.97	20.91
Atlantic (near)	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.75	0.31	0.70	.....
Audubon	1.10	0.85	1.09	2.32	1.73	2.88	0.86	1.31	5.27	4.15	0.00	0.75	22.31
Belle Plaine	1.20	0.85	3.05	2.04	1.99	2.56	0.08	1.34	3.88	2.09	1.17	0.80	21.05
Bonaparte	1.40	0.40	2.51	2.83	2.61	1.82	0.19	1.60	7.31	1.71	1.80	0.52	24.70
Carroll	1.17	1.00	1.76	2.80	1.10	1.51	1.73	1.61	3.29	3.20	0.29	0.96	20.42
Cedar Falls	1.75	0.50	0.98	2.07	1.80	3.55	.....	1.95	2.47	3.07	0.98	1.40	.....
Cedar Rapids	1.51	1.58	4.52	1.65	3.08	2.43	0.18	2.51	3.86	2.23	1.53	1.19	26.27
Centerville	1.50	1.30	2.15	2.30	2.71	.....	3.50	0.65	.....	.....	.....	4.10	.....
Charles City	1.42	1.10	1.46	4.28	1.22	4.75	1.19	1.10	4.15	3.46	1.02	1.39	26.54
Clarinda	0.48	1.40	1.17	2.06	1.37	4.02	0.39	0.23	2.53	2.77	0.55	0.99	17.96
Clinton	2.02	1.91	2.80	1.92	4.77	2.54	0.39	1.74	5.26	1.84	1.62	0.63	27.44
College Springs	0.96	1.17	1.46	1.50	1.56	3.25	0.44	T.	2.06	3.11	0.45	0.96	16.92
Corning	0.89	1.72	0.84	1.29	1.29	3.59	3.30	0.37	3.13	2.31	0.85	0.84	20.42
Cresco	0.99	0.47	2.57	3.21	3.63	3.00	0.09	1.03	3.16	3.64	0.90	1.07	23.76
*Davenport	1.33	1.48	1.88	1.37	1.93	2.16	0.44	2.02	3.02	1.02	1.26	0.61	18.52
Decorah	1.14	0.35	2.93	3.64	.....	2.64	0.43	0.53	4.06	2.83	0.98	1.75	.....
Delaware	0.96	0.57	2.71	2.88	1.91	2.48	0.11	1.77	3.48	2.66	1.73	1.03	22.29
Denison	0.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Des Moines	1.09	1.39	1.78	1.70	1.41	1.67	0.29	1.89	4.46	2.24	0.99	1.15	20.06
*Dubuque	1.11	1.22	3.06	2.27	1.75	2.25	0.02	1.32	2.96	1.51	1.53	0.35	19.35
Elkader	0.91	0.63	2.73	4.16	1.73	3.49	0.16	1.84	3.04	2.87	1.55	0.91	24.02
Emmetsburg	.....	.....	.....	3.93	1.22	4.62	0.47	2.09	2.19	2.20	0.43	1.20	.....
Fairfield	1.57	1.88	.....	.....	.....	*2.14	0.07	2.21	7.30	2.31	1.66	0.64	.....
Fayette	1.08	0.35	3.28	3.78	1.91	1.80	0.21	1.44	2.08	3.37	1.26	1.45	22.01
Forest City	.....	.....	.....	4.52	2.57	2.65	0.50	0.87	2.91	3.59	T.	0.73	.....
Fort Madison	2.05	1.05	0.90	1.98	3.49	3.19	0.38	0.55	4.94	1.71	1.18	1.12	22.54
Galva	0.32	0.06	0.57	3.09	2.16	2.43	1.12	2.48	1.19	.....	0.21	0.95	.....
Glenwood	0.32	1.30	1.12	3.05	1.00	5.24	0.37	0.92	2.79	3.65	0.01	0.86	19.73
Grand Meadow	1.18	0.58	3.45	4.36	2.34	2.43	0.45	1.03	3.24	2.87	1.32	1.18	24.43
Greenfield	0.91	1.03	1.45	2.73	1.01	2.94	0.57	0.53	5.11	2.10	0.53	0.88	19.79
Grinnell	0.91	0.45	3.47	2.51	2.71	.....	.....	.....	.....	2.74	1.15	.....	.....
Grundy Center	1.00	0.49	2.40	3.31	1.51	2.66	0.09	1.71	2.16	3.37	0.47	1.02	20.19
Hampton	1.05	0.86	2.23	6.98	1.08	2.78	0.70	2.68	2.40	3.91	0.41	1.10	26.18
Hawkeye	1.89	1.08	.....	2.89	2.26	2.27	1.68	0.83	1.95	2.70	1.36	1.41	.....
Hopeville	0.74	1.23	1.82	1.60	1.21	2.30	1.00	0.75	3.48	2.29	1.19	0.86	18.47
Hopkinton	1.30	0.60	3.18	2.70	2.73	2.47	0.05	4.24	4.39	2.39	1.65	1.10	26.80
Humboldt	1.21	0.40	1.69	6.24	1.75	2.09	2.01	1.57	1.87	3.26	0.22	1.06	22.37
Independence	0.87	0.90	3.25	2.44	1.80	3.44	T.	2.10	1.19	2.03	1.11	0.95	20.98
Indianola	0.68	0.77	0.99	1.79	1.43	1.29	0.40	0.95	4.53	1.09	0.83	0.90	15.65
Iowa City	1.95	1.64	.....	2.72	3.09	2.40	0.90	2.40	4.96	2.30	1.80	0.98	.....
Iowa Falls	0.72	0.20	1.65	4.33	1.63	2.85	0.09	1.56	1.57	3.78	0.25	0.89	19.52
Jefferson	.....	.....	.....	.....	.....	[5]1.99	0.18	2.38	2.58	.....	.....	1.30	.....
*Keokuk	2.24	1.46	2.52	2.75	3.06	2.85	0.37	0.51	4.86	1.28	2.24	1.06	25.20
Keosauqua	1.52	1.47	3.05	6.04	2.01	1.87	0.77	0.99	7.43	1.83	1.41	0.65	29.04
Knoxville	0.90	1.20	2.57	.....	.....	1.65	T.	2.62	5.09	3.04	0.96	0.90	.....
Larrabee	0.78	0.26	1.14	4.30	1.18	2.65	0.69	2.50	1.03	2.85	0.37	1.29	19.04
*Le Claire	1.81	1.47	2.27	1.23	2.89	2.54	0.43	1.53	3.92	1.58	1.48	0.40	21.55
Logan	0.74	0.70	0.40	1.88	0.55	3.75	0.41	1.93	2.22	3.01	0.00	1.14	16.73
Marshalltown	.....	.....	.....	.....	.....	.....	.....	1.20	2.38	1.89	.....	.....	.....
Mason City	.....	.....	.....	5.15	1.98	4.77	0.24	0.98	1.78	3.86	0.33	1.06	.....
Maxon	1.20	1.28	2.24	1.60	1.64	1.52	1.06	0.60	4.50	1.62	2.03	0.25	19.54
Mechanicsville	1.45	1.47	3.51	1.92	3.07	2.68	1.07	2.41	5.16	0.63	0.18	0.94	24.49
Monticello	1.08	0.81	3.84	3.46	1.55	3.03	0.13	3.42	3.35	2.11	2.03	0.97	25.78
Mooar	.....	.....	.....	.....	.....	.....	.....	.....	4.05	1.33	1.70	0.95	.....
Mount Pleasant	1.49	0.50	2.34	3.31	3.80	1.64	0.26	0.66	6.92	1.77	1.62	0.64	24.95
Mount Vernon	.....	.....	3.65	3.00	4.05	.....	.....	.....	.....	.....	.....	.....	.....
Murray	.....	.....	0.26	1.14	.....	.....	.....	.....	.....	.....	.....	.....	.....
Muscatine	1.80	1.25	2.44	5.33	2.05	2.04	0.24	2.74	5.85	2.13	2.49	0.76	29.12
Newton	0.69	0.56	2.21	2.41	1.06	1.12	T.	4.53	2.23	2.71	0.82	1.30	19.64
*North McGregor	.....	.....	2.33	4.08	1.81	2.35	0.07	1.82	2.70	2.29	1.11	0.80	.....
Ogden	.....	0.50	.....	.....	.....	.....	0.01	2.28	2.44	3.82	0.26	0.98	.....
Osage	0.75	.....	1.85	3.20	2.92	2.35	0.49	2.18	4.11	3.38	0.70	1.33	.....
Osceola	.....	.....	.....	.....	.....	1.91	0.65	0.27	6.67	2.86	1.28	0.98	.....
Oskaloosa	1.19	1.12	2.21	2.03	.....	1.61	0.05	2.30	3.80	1.66	1.44	0.62	.....
Ottumwa	2.10	0.60	2.36	2.06	2.86	2.78	0.11	1.32	5.75	3.33	1.65	0.66	25.78
Ovid	1.21	1.96	2.36	1.23	1.23	1.39	0.48	0.35	4.94	3.09	1.70	0.73	21.27
Panama	0.37	0.31	0.62	4.48	1.03	2.69	1.31	1.63	2.94	2.71	0.26	1.24	19.59
Richland	1.65	1.47	2.61	3.20	2.15	1.78	1.78	2.22	6.16	1.66	1.58	0.78	27.04
Rock Rapids	0.65	T.	1.24	5.83	0.33	1.18	1.88	1.28	0.59	2.06	T.	1.00	16.04
Rockwell City	0.75	0.22	1.35	3.77	0.78	2.02	0.11	1.75	1.37	3.80	0.11	1.31	17.34
Sac City	1.35	0.55	1.15	4.80	2.10	6.20	2.76	3.60	2.25	3.10	0.20	1.75	29.81
Seymour	1.17	2.41	0.72	0.55	0.95	2.26	0.45	1.59	5.93	1.96	2.42	1.20	21.61
Sibley	0.97	T.	1.01	4.13	3.59	3.84	1.01	0.97	2.57	2.94	0.29	1.15	22.47
*Sioux City	0.60	0.19	0.64	2.79	1.91	2.74	1.81	1.68	0.73	3.28	0.17	1.30	17.84
Spirit Lake	0.80	0.10	1.17	4.08	2.56	1.49	0.07	1.11	1.39	2.16	0.25	0.90	16.07
Sutherland	.....	.....	.....	4.33	1.16	3.12	0.29	2.90	2.20	.....	.....	.....	.....
Tipton	1.62	1.86	3.38	.....	.....	.....	0.80	.....	.....	.....	.....	.....	.....
Toledo	0.72	0.60	2.53	1.86	0.55	2.50	0.05	0.96	2.61	1.70	0.97	0.88	15.93
Villisca	0.48	1.42	.....	.....	.....	.....	.....	0.39	2.64	2.35	0.51	0.88	.....
Vinton	0.88	0.80	2.41	2.21	1.94	2.82	0.30	2.28	3.46	2.32	0.90	0.74	21.06
Washington	1.10	1.25	2.97	1.95	2.54	0.57	1.14	1.89	6.15	1.56	1.45	0.72	23.29
Waukee	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.88	1.16	0.89	.....

[1] Iowa Agricultural College.

[2] Experiment station.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Iowa—Continued.													
Webster City	1.12	0.75	1.70	4.85	0.95	3.45	T.	1.95	2.15	4.35	0.75	0.90	22.92
West Bend	0.90	0.60	.....	3.17	1.52	2.48	0.65	.....	.....	.....	.....	.....	.....
Williams	0.87	0.33	1.62	4.51	0.86	2.48	0.14	1.69	2.66	2.91	0.28	1.18	19.53
Wilton Junction	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.76	1.29	0.70	.....
Winterset	0.85	1.30	2.76	1.83	1.44	3.86	0.50	0.53	5.72	1.75	0.50	1.03	22.07
Kansas.													
Abilene	0.52	1.15	0.62	2.36	3.28	5.15	T.	0.82	3.10	1.79	T.	0.90	19.69
Achilles	0.41	1.11	0.37	0.85	1.13	4.14	2.45	0.87	2.25	0.42	0.02	0.95	14.97
Allison	0.38	1.24	0.25	1.16	1.33	3.61	0.91	0.83	1.51	0.25	0.02	0.84	12.33
Altoona	2.73	1.05	2.21	3.15	2.75	4.59	1.09	0.79	5.03	1.81	1.05	1.46	27.71
Atchison	1.02	0.92	1.79	2.43	1.68	7.21	2.90	0.07	5.89	4.33	0.80	1.05	30.19
Beloit	0.15	0.50	0.05	2.91	2.04	8.99	0.82	0.10	2.05	1.93	0.17	0.62	20.33
Blaine	.....	.....	.....	.....	.....	.....	.....	.....	2.93	2.90	1.50	2.75	.....
Bucklin	0.10	0.20	0.05	1.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burlington	1.86	1.94	1.87	3.61	2.59	6.42	0.15	0.73	5.13	1.29	1.00	1.08	27.67
Cawker City	T.	.....	0.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coffeyville	.....	.....	.....	.....	.....	1.90	1.79	0.25	6.37	3.00	1.85	1.67	.....
Colby	0.41	0.90	0.30	0.77	1.14	3.19	1.76	0.07	1.15	0.38	0.06	0.60	10.73
Coldwater	0.40	0.70	0.33	3.10	1.75	3.12	5.08	1.55	1.75	0.60	T.	0.45	18.83
Collyer	0.10	1.40	0.25	1.38	T.	6.30	0.35	1.00	0.50	T.	T.	0.95	12.23
Columbus	3.12	1.64	3.37	2.40	4.28	6.69	3.40	2.45	9.44	1.16	1.40	1.65	41.00
*Concordia	0.18	1.36	0.28	2.91	3.74	12.49	1.14	0.44	2.99	1.10	0.02	0.62	27.27
Coolidge	T.	0.50	0.10	0.90	3.05	2.45	2.14	0.50	1.90	0.00	T.	0.20	11.74
Cunningham	0.20	0.95	0.42	3.83	1.43	4.78	2.43	0.12	3.32	1.21	T.	0.77	19.46
*Dodge City	0.04	1.03	0.40	1.88	0.95	2.80	2.05	0.15	2.03	0.62	0.03	0.62	12.60
Downs	0.33	2.25	0.13	3.90	0.92	10.03	1.02	0.27	0.86	0.68	0.08	0.70	21.17
Eldorado	1.15	0.10	0.50	1.32	1.10	6.59	1.71	1.28	7.59	1.83	0.65	0.50	24.32
Elk City	1.75	1.27	1.92	4.92	2.51	2.66	1.51	0.50	8.54	1.91	1.22	1.23	29.94
Ellis	.....	.....	.....	.....	.....	.....	.....	0.20	.....	.....	.....	.....	.....
Emporia	1.10	1.95	1.35	2.30	4.10	8.50	0.20	0.20	2.70	2.80	0.50	1.15	26.85
Englewood	.....	0.50	0.07	2.66	2.50	1.41	0.66	0.83	3.04	0.33	T.	.....	.....
Eureka Ranch	0.16	2.52	0.61	1.33	5.16	1.89	2.39	0.12	1.13	0.38	0.02	1.33	17.04
Fort Riley	0.20	0.54	0.63	2.50	4.41	5.58	1.30	2.00	3.20	1.58	0.11	0.28	22.33
Frankfort	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.50	0.85
Garden City	T.	0.55	1.20	0.93	0.64	2.33	2.20	1.83	0.65	0.12	T.	1.00	11.45
Garfield	0.05	0.24	0.12	2.56	1.63	2.01	1.94	0.14	2.80	0.59	0.04	0.62	12.74
Gibson	.....	.....	0.60	0.67	1.17	1.51	1.25	0.25	2.30	0.15	T.	0.95	.....
Gove	0.50	1.27	0.37	0.72	1.38	4.93	1.15	0.10	1.26	0.00	0.05	0.77	12.50
Grainfield	0.20	1.10	0.04	1.60	1.40	2.40	1.80	0.50	1.40	0.20	0.00	0.70	11.34
Grenola	1.95	1.20	1.65	4.90	1.20	2.95	1.10	0.25	6.70	1.95	0.45	0.90	25.20
Grinnell	0.37	0.87	0.05	0.45	0.75	5.35	1.75	1.25	0.00	.....	.....	.....	.....
Halstead	0.53	0.88	0.96	2.86	2.75	11.46	0.71	1.61	5.67	1.25	0.02	1.04	29.74
Hays City	T.	0.95	0.00	1.65	1.65	3.90	0.65	T.	1.65	0.30	0.10	0.75	11.80
Horton	1.03	1.00	1.67	1.80	1.64	5.94	1.51	0.05	4.94	1.99	0.29	0.80	22.66
Hutchinson	0.36	1.20	0.69	2.49	1.97	8.87	4.34	0.50	3.27	2.45	0.02	1.53	27.63
Independence	3.38	2.12	2.73	4.98	3.71	2.63	2.36	0.66	8.18	1.31	0.98	1.82	34.86
Iola	0.27	0.70	0.25	2.30	1.37	6.38	0.70	T.	2.86	0.93	T.	0.35	16.11
Jaqua	.....	.....	0.73	0.40	0.33	3.87	0.62	0.31	0.30	0.21	0.44	0.55	.....
Johnson	.....	1.08	0.06	1.15	2.43	2.02	2.72	1.06	2.62	0.30	T.	0.15	.....
Kiowa	0.40	0.30	0.65	3.61	2.22	3.08	1.66	0.16	7.11	1.47	T.	0.17	20.83
Lakin	T.	1.20	1.03	0.13	2.04	1.60	3.97	1.15	1.80	0.31	T.	0.45	13.68
Lawrence	1.00	2.75	1.22	3.09	2.00	6.04	1.86	0.49	5.68	3.99	0.93	0.96	30.01
Lebo	1.50	2.82	1.66	2.84	2.23	8.93	0.19	0.83	4.94	2.59	0.99	1.45	30.97
Leoti	0.12	2.10	0.38	0.79	1.81	2.55	0.36	1.65	1.39	.....	T.	0.43	.....
Liberal	.....	.....	.....	1.20	2.63	4.11	0.42	1.35	.....	.....	.....	.....	.....
Macksville	0.25	0.48	0.20	3.46	2.42	4.63	0.85	0.51	3.00	0.75	g T.	0.86	17.41
McPherson	0.41	0.40	0.73	3.06	3.48	6.43	2.80	0.14	4.79	0.49	0.00	0.93	23.66
Manhattan[1]	0.71	1.10	0.67	1.33	3.78	5.05	2.27	0.48	3.34	1.68	0.10	0.38	20.89
Manhattan[2]	0.72	1.50	0.81	1.21	3.60	5.00	2.10	0.68	3.16	1.69	T.	0.37	20.84
Marion	0.59	1.82	0.87	2.46	2.10	6.29	0.93	0.49	3.10	0.78	.....	.....	.....
Marmaton	3.15	0.95	3.48	3.75	3.81	7.15	0.75	2.51	5.99	.....	.....	.....	.....
Medicine Lodge	0.43	0.47	0.52	3.81	2.21	2.53	2.30	0.27	3.49	1.22	0.07	0.27	17.59
Minneapolis	0.05	0.70	0.23	3.38	3.36	4.49	0.51	0.24	4.12	1.53	0.10	0.77	19.48
Monument	0.28	1.05	0.10	1.00	0.30	3.50	1.75	1.25	.....	.....	.....	.....	.....
Morland	0.39	1.45	0.45	1.61	0.65	2.61	1.12	0.54	0.87	0.30	0.11	1.24	11.34
Morton	0.20	1.00	0.40	1.25	3.20	3.35	4.95	1.05	3.84	0.54	T.	1.10	20.88
Mount Hope	0.51	1.40	0.66	3.55	1.68	14.98	1.18	1.46	3.56	1.07	T.	1.36	31.41
Ness City	0.06	0.85	0.00	1.39	0.97	1.31	0.47	0.05	1.53	0.28	0.10	0.95	7.96
New England Ranch	.....	.....	0.37	0.89	0.93	2.22	1.18	0.45	0.86	0.23	0.00	0.59	.....
Norton	0.41	1.20	0.45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oberlin	0.98	1.29	0.68	2.32	0.51	4.37	1.12	0.71	0.64	0.25	0.00	1.10	13.97
Olathe	1.79	2.33	2.28	3.36	1.81	6.12	4.93	2.50	6.65	1.56	2.23	.....	.....
Oswego	2.38	1.10	3.43	2.27	3.05	3.61	2.10	1.11	6.74	0.59	1.58	1.23	29.19
Pauline	0.06	1.55	0.87	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Phillipsburg	0.03	1.40	0.84	1.76	0.50	3.25	1.37	0.54	2.88	1.12	0.00	1.03	14.72
Pleasant Dale	0.05	1.20	0.08	3.04	1.45	6.91	0.32	0.40	0.89	0.33	0.17	1.42	16.26
Quinter	0.07	1.20	0.25	T.	.....	4.06	.....	.....	.....	T.	0.10	0.60	.....
Rome	1.87	0.97	1.18	4.23	2.13	3.08	0.77	0.62	4.90	2.57	0.38	0.70	23.40
Salina	.....	.....	.....	.....	3.02	3.97	0.33	0.50	.....	1.12	T.	1.40	.....
Sedan	3.45	1.22	2.81	3.62	2.31	4.48	1.26	0.16	6.95	1.52	0.70	2.03	30.51
Sharon Springs	0.25	0.95	0.15	1.00	2.00	2.75	3.20	0.45	0.20	1.00	T.	0.25	12.20
Sterling	0.10	1.35	0.30	2.55	2.83	.....	.....	.....	.....	.....	.....	.....	.....
*Topeka	0.72	1.34	1.16	2.94	1.91	7.05	2.08	0.42	3.55	2.04	0.35	0.45	24.61
Topeka[3]	0.78	1.25	1.30	.....	2.96	7.82	2.19	0.60	3.18	1.81	0.40	.....	.....
Tribune	T.	1.50	0.30	0.99	1.88	2.61	1.17	1.55	1.55	0.20	T.	.....	.....
Ulysses	.....	0.97	0.10	1.37	1.99	1.78	1.73	0.50	2.11	0.20	T.	.....	.....
Wa Keeney	T.	1.20	0.05	2.50	0.50	3.00	0.60	0.00	0.50	T.	T.	0.60	8.95
Wakefield	0.58	0.34	0.36	2.28	4.58	5.45	0.42	0.78	5.22	3.10	0.24	1.03	24.38
Wallace	0.03	1.40	0.28	0.69	1.80	1.96	0.79	1.71	0.25	0.23	0.05	0.35	9.54

[1] Agricultural college. [2] C. F. Blachly. [3] Washburn College.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Kansas—Continued.													
Wamego	1.00	1.09	0.92	1.69	3.84	4.86	2.23	0.43	3.93	1.99	0.32	0.35	22.65
Washington	0.42	1.25	0.68	1.85	2.82	8.15	1.43	0.46	1.19	0.84	[b]0.10	.....	.....
Wellington	.....	.....	.....	3.94	0.54	3.90	2.69	0.67	1.94	1.05	0.22	1.20	.....
Westmoreland	.....	.....	.....	.....	.....	.....	.....	T.	3.55	2.75	T.	.....	.....
*Wichita	0.78	1.01	0.72	3.33	2.02	9.43	1.72	0.94	9.72	2.01	0.01	0.75	32.44
Winfield	.....	.....	1.17	3.67	2.01	6.42	1.58	0.15	4.74	2.80	0.49	0.26	.....
Winona	0.16	.....	0.02	1.25	1.25	5.00	3.12	0.25	T.	0.00	T.	0.22	.....
Yates Center	2.32	1.90	2.15	2.90	2.32	11.00	0.43	0.60	8.66	2.01	2.24	1.17	37.70
Kentucky.													
Alpha	3.08	3.29	2.20	1.74	3.97	2.84	4.85	0.83	1.96	T.	4.78	6.05	35.59
Blandville	.....	.....	4.38	3.44	3.91	0.86	2.82	3.10	2.69	1.04	0.76	3.48	.....
Bowling Green[1]	3.43	6.99	2.89	3.28	3.90	0.98	4.06	3.10	3.32	0.96	1.40	3.45	37.76
*Bowling Green[2]	3.09	6.37	2.72	3.59	3.47	0.93	3.84	2.98	3.28	0.83	1.41	2.84	35.35
*Burnside	2.40	5.07	1.13	3.33	4.50	.....	.....	.....	.....	.....	2.32	4.00	.....
Caddo	4.30	5.45	2.90	1.56	2.90	1.24	0.60	2.10	1.50	3.00	.....	5.00	.....
Canton	3.24	3.54	5.35	3.75	2.16	2.02	1.44	2.28	2.66	0.84	0.81	2.44	30.53
Carrollton	1.56	3.82	2.34	2.93	3.47	2.70	1.55	1.57	4.89	0.97	0.36	4.26	30.42
*Catlettsburg	2.54	3.90	1.25	2.72	4.25	2.33	3.42	3.46	3.74	3.42	2.17	4.59	37.79
Cromwell	.....	.....	.....	.....	2.55	1.14	1.01	3.36	1.23	2.00	.....	.....	.....
Earlington	2.25	6.84	5.82	7.21	3.15	1.72	2.40	.....	.....	1.05	0.72	4.39	.....
*Eddyville	2.88	6.24	4.71	4.65	2.21	1.83	2.98	2.64	2.56	1.00	0.54	2.78	35.02
Edmonton	3.31	5.47	2.70	3.33	4.18	1.79	2.54	4.62	3.91	1.22	2.13	4.21	39.41
Elizabethtown	3.07	4.48	3.55	4.34	.....	[j]2.65	1.85	3.44	.....	.....	.....	.....	.....
Eubank	2.66	4.47	1.84	3.62	6.23	5.18	1.44	4.47	3.46	1.58	2.77	4.07	41.79
*Falmouth	2.92	3.09	2.50	3.20	3.03	1.62	0.74	1.88	1.46	1.47	0.72	3.67	26.30
Fords Ferry	2.86	4.72	3.39	4.09	1.86	2.07	0.86	2.13	1.25	1.31	0.80	5.46	30.80
Franklin	3.86	6.00	3.60	4.10	3.72	1.00	3.90	2.20	2.77	0.93	1.91	2.81	36.80
Greendale	3.39	3.68	2.04	3.12	4.19	3.09	1.26	4.50	2.14	1.20	1.38	4.08	34.07
*Greensburg	2.92	5.14	3.26	2.71	3.14	3.59	2.97	4.75	2.64	1.25	1.42	3.94	37.73
Harrodsburg	3.10	4.12	2.10	4.05	2.62	2.18	1.48	6.07	2.12	1.05	1.54	4.08	34.51
Henderson	3.92	4.21	3.11	5.16	4.15	2.42	1.41	2.30	3.33	2.60	0.63	5.89	39.13
Hendricks	2.70	3.65	1.70	2.60	3.21	4.05	1.65	7.55	.....	.....	.....	.....	.....
Herbert	.....	.....	.....	.....	.....	.....	0.99	2.09	.....	.....	.....	.....	.....
La Grange	.....	1.34	.....	.....	4.10	.....	.....	.....	.....	.....	.....	.....	.....
*Lexington	3.58	3.35	2.13	4.19	3.81	4.44	0.87	3.67	4.05	1.40	1.38	3.45	36.32
*Louisa	4.12	3.58	1.26	3.37	4.04	3.99	0.17	4.16	2.22	1.67	2.01	4.08	34.67
*Louisville	2.81	5.09	3.04	3.98	3.90	3.63	2.41	3.57	2.64	1.20	0.63	5.18	38.08
Marrowbone	.....	.....	.....	.....	4.11	3.30	5.38	2.06	2.46	0.62	2.39	3.41	.....
Matlock	.....	.....	.....	.....	.....	1.10	2.00	1.60	3.60	1.40	2.52	5.25	.....
Middlesboro	2.74	4.13	2.19	.....	3.19	3.20	.....	2.29	2.04	2.02	.....	3.22	.....
Mount Sterling	3.52	4.21	1.80	3.24	4.27	4.60	2.36	3.02	1.47	1.60	1.67	5.53	37.29
Munfordville	4.69	5.93	1.55	3.70	2.75	4.82	3.77	3.28	2.55	1.10	0.72	3.18	38.04
*Paducah[3]	2.94	5.56	3.86	3.70	3.95	1.59	1.48	2.50	3.05	1.12	0.96	3.90	34.61
Paducah[4]	2.70	5.63	3.83	3.82	3.92	1.66	1.58	2.32	2.87	1.15	0.88	3.75	34.11
Pellville	2.16	4.53	3.80	3.53	4.13	.....	.....	.....	1.09	1.31	1.25	3.73	.....
Pleasure Ridge Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.67	4.54	.....
Princeton	2.22	6.46	4.16	4.64	.....	.....	.....	4.54	.....	[h]0.76	0.17	2.76	.....
Richmond	.....	.....	1.15	3.60	3.45	.....	.....	.....	.....	3.00	0.15	[j]5.45	.....
Russellville	3.72	7.99	3.73	4.96	3.15	1.44	3.28	1.91	3.69	1.15	1.42	3.28	39.72
Sandy Hook	2.48	3.11	1.15	2.93	3.83	4.61	0.50	4.32	1.64	.....	2.04	5.54	.....
Shelby City	2.63	4.07	1.98	2.15	2.82	2.98	0.75	2.84	2.12	1.13	1.71	4.17	29.35
Shelbyville	3.37	4.58	2.94	3.93	4.56	2.96	1.04	1.78	1.90	1.32	0.84	4.81	34.03
South Fork	2.18	3.72	1.32	3.08	4.32	3.19	.....	2.65	3.17	1.67	3.06	3.95	.....
Springfield	3.41	4.04	2.39	3.12	4.10	3.22	2.59	4.03	4.62	1.45	0.88	4.38	38.23
*Williamsburg	3.10	6.91	2.55	2.77	4.50	4.85	4.91	2.10	1.57	1.10	2.24	.....	.....
Louisiana.													
Abbeville	3.25	9.47	7.06	2.56	.....	6.98	9.57	5.25	3.10	0.45	1.35	3.05	.....
*Alexandria	5.92	6.65	6.61	3.56	3.98	5.59	1.41	7.74	3.24	1.08	2.38	2.98	51.14
*Amite	4.56	7.65	7.69	3.48	1.08	8.74	7.11	6.90	4.96	0.13	1.33	2.23	55.86
Bastrop	6.99	2.94	9.67	6.78	2.06	0.66	5.30	2.76	0.79	2.61	0.75	4.55	45.86
Baton Rouge	3.61	8.73	7.68	3.92	1.50	2.09	8.75	5.56	4.50	0.83	2.48	2.57	52.22
Calhoun	8.39	4.62	8.22	5.63	3.35	1.70	6.60	3.25	2.03	3.97	1.32	6.17	55.25
Cameron	4.10	6.48	2.91	1.52	0.00	8.36	[e]5.13	11.90	10.45	0.70	2.70	0.90	55.15
*Cheneyville	5.63	6.67	6.34	2.95	3.72	2.02	0.92	4.62	1.80	0.58	1.99	.....	.....
Cinclare	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.06	2.50	.....
Clinton	4.74	6.62	5.86	3.73	1.74	3.38	3.58	.....	3.96	0.33	1.41	4.85	.....
*Conshatta[5]	6.41	2.95	10.68	4.70	3.50	2.61	2.98	6.48	1.51	1.40	2.12	3.62	48.96
*Coushatta[6]	6.90	4.21	10.46	4.00	2.94	2.08	3.73	7.76	1.21	1.10	2.15	4.07	50.61
*Covington	2.57	12.48	4.26	3.67	1.78	4.11	7.54	8.55	3.65	0.16	1.72	3.10	53.59
Davis	7.87	4.56	6.33	4.90	2.58	3.13	4.90	9.16	.....	.....	.....	.....	.....
*Delhi	6.48	2.92	8.93	9.55	3.00	1.72	4.21	5.08	3.01	0.91	2.34	6.42	54.57
Donaldsonville	1.95	10.15	7.98	3.52	1.85	4.34	5.98	4.94	3.88	0.75	1.32	3.55	50.21
Emilie	1.96	12.93	5.91	3.68	2.82	8.27	8.50	10.52	2.70	0.38	1.17	2.82	61.65
Farmerville	9.08	4.85	8.54	5.99	4.24	1.89	6.50	3.15	2.12	1.40	1.97	4.34	54.07
Franklin	1.83	8.09	5.07	3.10	4.14	9.05	8.56	11.11	3.36	0.44	1.60	2.59	58.94
*Girard	[e]6.29	2.97	8.58	7.33	3.29	2.47	4.77	3.76	2.01	.....	.....	.....	.....
Grand Coteau	4.30	6.05	8.68	5.02	1.92	2.33	6.54	3.48	5.01	0.89	1.73	1.44	47.39
Hamburg	.....	.....	.....	.....	2.86	1.62	.....	.....	.....	.....	.....	.....	.....
Hammond	1.78	7.89	7.60	4.78	1.83	2.44	10.46	.....	.....	.....	.....	5.14	.....
Houma	0.90	10.36	.....	3.50	4.89	9.65	[h]7.59	6.45	2.87	0.25	1.10	1.38	.....
Jeanerette	3.37	10.23	4.65	2.18	3.47	4.56	7.79	6.66	5.89	0.24	1.81	3.06	53.91
*La Fayette	4.47	5.84	7.49	3.51	2.61	1.59	7.13	7.29	5.16	0.75	1.44	2.17	48.45
Lake Charles	3.40	6.60	3.25	2.53	0.74	10.08	3.66	10.50	3.47	1.59	2.63	1.67	50.12
Lake Providence	6.31	4.07	8.12	5.52	2.36	3.75	4.26	3.12	3.80	1.12	1.11	3.20	46.74
Lawrence	1.21	8.15	7.38	8.85	4.83	4.43	6.05	9.12	2.70	0.27	0.77	1.80	55.56
Liberty Hill	8.24	3.85	8.87	4.24	5.07	3.38	4.41	6.10	1.76	1.89	1.71	3.88	53.40
Many	.....	.....	.....	.....	2.87	1.91	2.53	12.46	.....	.....	.....	.....	.....
Maurepas	2.50	7.57	8.02	4.64	1.39	6.09	6.73	6.15	4.66	T.	1.67	3.82	53.24

[1] J. E. Younglove.
[2] M. H. Crump.
[3] River observer.
[4] William Bornemann.
[5] Cotton region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Louisiana—Continued.													
*Melville	4.14	7.24	9.46	4.21	3.55	4.34	4.41	3.88	4.88	0.65	1.79	2.30	50.85
*Minden	6.99	2.92	8.35	4.12	2.52	2.15	4.49	4.91	0.93	1.98	1.00	.....	.....
*Monroe	7.34	3.20	10.48	6.50	3.53	1.80	4.52	3.15	2.36	3.23	1.10	3.33	50.54
*Natchitoches	6.81	5.34	9.63	4.04	4.32	1.72	3.52	6.19	0.46	0.63	1.72	1.24	45.62
New Iberia	2.17	9.27	[h] 2.98	[g] 2.55	1.33	2.43	6.59	5.16	5.13	0.82	1.75	2.93	43.09
*New Orleans	1.76	11.06	5.94	4.71	1.79	5.19	11.51	7.32	0.92	0.89	1.34	2.01	54.44
Oberlin	.....	.....	.....	.....	.....	6.43	4.54	6.04	2.23	.....	2.00	.....	.....
Opelousas	3.98	8.48	8.94	5.30	0.75	2.14	7.26	2.60	8.65	0.57	2.15	1.24	52.06
Oxford	6.45	4.92	8.11	2.84	4.69	3.87	1.13	4.85	1.77	1.77	2.15	2.82	45.37
Paincourtville	2.51	10.28	5.11	2.88	3.03	4.56	7.91	6.44	5.00	0.30	1.40	3.55	52.97
Plain Dealing	3.77	3.11	7.86	5.28	1.56	1.04	5.02	3.59	1.72	0.71	1.23	2.75	37.64
Plaquemine	2.59	.....	7.07	3.39	1.55	2.79	10.17	.....	.....	.....	.....	.....	.....
*Port Eads	1.13	3.52	3.35	3.99	0.52	3.43	9.74	7.64	5.63	2.95	1.10	0.50	43.50
Rayne	4.65	5.99	7.98	2.87	3.15	5.89	8.50	7.69	7.04	1.42	2.45	3.05	60.88
Roseland	4.40	8.22	6.03	2.82	1.71	7.05	6.09	.....	2.72	.....	.....	.....	.....
St. Joseph	.....	[c] 4.83	4.44	.....	2.63	2.20	.....	.....	.....	.....	.....	.....	.....
Schriever	2.31	9.03	6.37	1.74	2.09	9.55	9.11	5.31	4.89	0.65	1.47	0.52	53.04
Shell Beach	4.40	6.85	4.47	3.69	1.50	5.24	5.73	10.33	6.07	0.87	1.30	2.96	53.41
*Shreveport	4.16	3.53	8.04	4.03	1.84	2.25	3.09	5.87	0.69	2.46	0.87	2.97	39.80
Sugar experiment station	1.32	13.43	7.66	4.52	3.07	3.95	12.71	7.52	1.80	0.84	1.06	2.40	60.88
Southern University	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.62	2.10	.....
Sugartown	.....	8.07	7.55	5.76	2.70	2.04	2.27	7.62	5.33	2.02	1.21	5.11	.....
Thibodeaux	3.41	11.58	5.61	2.91	4.23	10.06	7.04	6.02	4.48	0.25	0.54	1.33	57.46
Wallace	2.05	11.25	5.67	1.34	2.16	7.57	6.62	8.71	3.82	0.30	1.50	2.92	53.91
West End	1.14	13.23	6.96	2.21	1.23	3.52	4.44	10.03	0.94	0.98	0.75	1.10	46.53
Winnfield	7.44	6.01	5.02	5.52	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnsboro	.....	.....	7.20	.....	2.28	.....	1.00	2.20	1.20	0.01	.....	3.00	.....
Maine.													
Bar Harbor	3.46	1.47	1.46	1.59	4.33	1.50	1.99	1.65	4.17	4.96	[m] 1.84	.....	.....
Belfast	4.37	[c] 3.65	1.58	1.63	5.86	1.98	4.46	4.72	4.61	5.56	2.52	3.83	44.77
Calais	3.08	1.55	2.18	1.32	2.14	2.52	2.24	2.88	3.13	5.07	3.53	3.83	33.47
Cornish	2.32	2.51	1.93	3.12	7.44	2.49	4.70	4.79	5.24	5.22	2.65	3.00	45.41
East Machias	2.53	1.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Easton	2.30	.....	.....	.....	.....	.....	2.48	3.45	6.52	7.25	.....	.....	.....
*Eastport	2.00	1.28	1.19	2.11	1.69	3.37	1.21	1.32	1.46	2.42	2.62	2.17	22.84
Fairfield	2.43	1.03	0.86	0.72	3.78	2.97	2.56	3.50	3.82	2.41	2.02	1.82	27.92
Farmington	1.64	2.22	2.20	1.43	5.14	3.20	1.92	2.61	5.73	5.02	2.97	2.76	36.84
Fort Kent	1.85	0.50	1.60	1.20	1.09	4.09	.....	.....	.....	.....	.....	.....	.....
Gardiner	3.30	1.99	1.44	1.86	5.84	1.18	2.30	3.08	3.81	4.25	2.21	2.80	34.06
Houlton	2.54	1.75	1.52	0.72	3.05	4.07	3.78	2.22	2.48	4.89	3.18	3.73	33.93
Indian Stream	3.15	1.61	1.31	.....	.....	.....	.....	.....	.....	.....	.....	2.27	.....
Kents Hill	.....	1.32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lewiston	2.93	2.26	1.99	2.44	6.55	1.74	1.46	2.55	4.48	5.62	2.59	2.98	37.59
Madison	3.23	2.25	1.70	1.45	4.75	6.00	2.12	3.28	4.81	5.30	.....	.....	.....
Mayfield	.....	.....	.....	1.17	4.83	6.45	2.65	2.05	5.71	6.41	2.48	.....	.....
North Bridgeton	1.64	2.24	2.51	1.88	6.40	2.61	2.90	3.59	5.90	4.65	.....	.....	.....
Orono	3.01	1.73	1.23	1.18	3.84	2.90	2.41	2.01	3.40	4.33	1.24	1.75	29.03
*Portland	3.13	2.70	1.97	2.55	7.33	2.01	2.96	3.27	2.76	4.65	2.05	1.75	37.13
Maryland.													
Annapolis	.....	.....	.....	.....	.....	.....	.....	0.93	1.53	.....	2.16	.....	.....
Bachmans Valley	1.24	3.10	2.78	.....	9.13	2.25	2.98	4.29	7.87	3.65	2.73	4.34	.....
Bel Alton	.....	.....	.....	.....	.....	.....	.....	[f] 1.30	1.47	.....	0.96	2.55	.....
*Baltimore	1.46	3.53	1.19	3.80	7.26	3.29	1.73	1.41	4.75	3.80	1.98	4.12	38.32
Benedict	2.37	3.38	0.97	3.21	4.64	1.60	3.74	1.15	.....	.....	.....	.....	.....
Boettcherville	1.30	4.50	1.00	2.90	5.40	2.40	4.10	2.00	2.40	2.60	0.50	3.50	32.60
Burkittsville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.73	.....	.....
Cambridge	3.13	5.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charlotte Hall	2.11	3.46	0.91	3.10	.....	1.15	2.91	2.79	2.04	3.15	1.65	1.74	.....
Cherryfields	2.10	4.00	1.23	3.16	2.85	1.90	3.52	3.20	3.69	3.29	2.38	2.85	34.17
Chestertown	2.34	2.55	.....	.....	6.67	1.40	1.97	3.54	3.83	3.28	.....	2.98	.....
College Park	2.06	3.86	1.27	3.16	3.90	1.81	2.86	3.56	1.65	3.41	1.60	3.86	33.00
Cumberland [1]	1.22	3.76	1.33	2.41	6.13	1.64	3.23	1.15	1.74	2.25	0.63	2.63	28.12
Cumberland [2]	1.28	4.14	.....	1.59	5.97	1.65	3.25	1.57	1.97	.....	0.71	2.39	.....
Darlington	1.52	.....	1.29	3.67	8.11	3.25	1.98	2.76	7.04	5.90	2.69	4.03	.....
Deer Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.31	1.13	3.36	.....
Denton	.....	5.11	2.26	.....	.....	1.24	1.04	2.63	2.65	4.22	2.67	2.81	.....
Easton	2.44	4.09	0.84	3.96	6.46	1.34	5.18	4.91	3.99	3.20	2.77	2.60	41.78
Fallston	2.08	4.36	1.70	5.31	10.41	3.89	1.95	2.83	3.68	4.91	2.22	3.33	46.67
Fenby	2.00	3.90	1.60	4.50	6.00	1.00	4.00	2.70	4.00	.....	.....	.....	.....
Frederick [3]	.....	.....	.....	3.39	8.63	2.97	2.10	1.54	3.02	4.15	1.60	3.24	.....
Frederick [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.85	1.48	.....	.....
Grantsville	.....	.....	.....	.....	.....	.....	.....	1.62	2.87	2.95	2.32	3.86	.....
Great Falls	1.56	3.28	1.45	2.51	5.77	1.72	2.11	2.10	2.68	4.57	1.69	4.38	33.82
Jewell	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.44	2.82	.....
La Plata	.....	.....	.....	.....	.....	.....	0.56	1.41	0.96	3.40	2.00	3.50	.....
Mardela Springs	2.30	3.86	1.45	3.74	4.33	0.70	7.13	3.54	2.66	4.35	2.80	1.43	38.29
Mount St. Marys	2.36	3.26	0.65	3.37	9.40	.....	1.29	2.50	4.36	5.00	2.01	2.67	.....
New Market	1.19	2.43	1.31	2.30	9.15	.....	2.48	1.59	.....	.....	.....	.....	.....
Oakland	3.70	5.83	2.24	5.79	4.19	4.45	3.63	1.86	2.80	2.89	2.30	5.18	44.86
Pocomoke City	.....	.....	.....	3.22	5.18	1.64	2.45	4.57	1.91	5.15	.....	2.01	.....
Popes Creek	.....	.....	.....	.....	.....	.....	.....	1.80	1.20	2.80	1.20	.....	.....
Princess Anne	.....	.....	.....	.....	.....	.....	1.92	2.79	2.66	4.77	2.29	1.67	.....
Sharpsburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.41	2.78	.....
Solomons	2.43	3.91	1.17	3.14	4.65	0.87	2.34	1.86	1.94	4.27	2.35	3.21	32.14
Sunnyside	2.84	6.15	2.51	5.38	3.78	3.77	3.91	1.01	3.00	2.82	3.34	5.26	43.77
Taneytown	1.74	4.20	0.93	3.85	6.31	1.54	2.99	1.72	7.70	5.35	2.11	3.22	41.66
Upper Marlboro	.....	.....	0.86	3.45	4.48	1.39	.....	2.17	1.16	.....	1.63	3.74	.....
Western Port	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.15	2.18	.....
Woodstock	2.06	2.31	2.84	5.57	5.32	.....	.....	2.80	1.45	5.03	1.55	7.41	.....

[1] E. T. Shriver. [2] Howard Shriver. [3] McClintock Young. [4] Woman's College.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Massachusetts.													
Amherst [1]	2.60	1.92	1.45	1.58	3.59	2.52	1.23	0.38	4.71	4.02	3.04	4.05	31.09
Amherst [2]	2.43	2.16	1.66	1.60	3.80	3.43	1.60	0.32	4.11	4.40	3.09	3.42	32.02
Amherst [3]	2.16	1.74	1.77	1.83	4.00	3.13	1.55	0.31	4.63	4.85	3.14	3.53	32.64
Andover	2.96	2.93	0.99	1.96	5.32	0.78	3.42	.....	2.71	3.95	1.85	3.95	.....
Ashland	3.95	3.91	1.46	3.55	4.10	1.20	2.69	2.12	2.49	5.49	3.42	4.81	39.19
Bedford	2.74	2.61	1.07	2.41	4.04	1.83	3.08	1.62	2.41	3.96	2.58	2.68	31.03
Beverly Farms	3.77	4.15	1.12	3.62	5.09	0.67	4.66	1.63	2.14	5.19	3.84	5.68	41.56
Blue Hill (summit)	3.18	3.53	1.21	3.24	3.13	0.74	2.98	2.39	2.69	6.56	4.10	4.40	38.15
Blue Hill (valley)	3.37	3.78	1.02	2.84	3.14	0.77	2.67	1.34	2.64	6.27	4.32	4.41	36.57
*Boston	3.01	3.15	1.01	3.78	4.12	0.80	3.09	3.03	2.14	5.11	3.10	4.28	36.62
Boston [4]	3.84	3.28	1.42	2.78	3.74	0.79	3.01	2.95	1.55	5.63	3.31	4.62	36.92
Brockton	2.78	2.88	1.34	2.45	3.32	0.68	2.08	1.26	2.85	6.18	4.37	5.24	35.43
Brockton [5]	2.67	3.00	1.38	3.29	3.82	1.25	2.56	0.98	2.93	6.52	4.12	5.12	37.64
Brockton [6]	.....	.....	1.31	2.92	.....	0.41	1.91	1.12	3.36	6.97	3.94	4.79	.....
Cambridge [7]	3.33	3.59	0.37	2.67	2.27	0.38	2.56	1.83	2.42	5.23	3.49	4.32	32.46
Cambridge [8]	3.05	2.91	0.84	2.94	4.63	0.81	2.88	1.63	2.40	5.19	3.34	4.43	35.05
Chestnut Hill	3.90	3.81	1.14	3.24	4.27	0.20	3.33	2.27	2.50	6.04	3.41	4.06	38.17
Clinton	2.55	1.95	1.08	2.40	3.40	0.70	2.70	0.68	1.35	3.60	2.50	2.75	25.66
Concord	2.47	2.69	0.93	2.10	4.22	0.53	3.22	1.81	2.21	4.20	3.28	3.11	30.77
Dudley	2.01	3.52	1.29	2.73	3.52	0.31	1.61	2.02	2.23	2.32	1.77	3.30	26.63
East Templeton	4.72	3.60	0.63	2.83	1.37	0.32	1.88	0.54	3.68	1.57	3.43	3.74	28.31
Fall River	3.43	4.89	2.45	3.79	4.32	0.90	3.24	1.89	4.76	7.61	3.41	5.41	46.10
Fiskdale	1.58	1.89	1.30	2.63	3.75	0.53	1.85	1.92	2.47	2.83	3.08	1.92	25.75
Fitchburg [9]	2.99	3.63	0.81	2.75	4.06	1.63	1.73	0.58	3.55	4.44	3.68	3.28	33.13
Fitchburg [10]	2.65	2.48	1.11	3.31	3.56	1.00	1.75	0.66	3.97	4.04	3.24	3.46	31.23
Framingham	4.23	3.91	1.41	3.28	4.37	1.11	3.82	1.94	2.78	5.20	3.43	4.81	40.29
Gilbertville	3.24	3.55	1.11	3.77	3.22	[b]1.03	.....	.....	.....	.....	[c]1.69	2.05	.....
Groton	2.44	2.77	1.18	3.35	3.76	0.89	2.09	0.74	3.85	4.04	3.95	2.89	31.95
Hadley	.....	.....	.....	.....	.....	.....	1.26	0.50	5.16	4.77	3.78	.....	.....
Hingham	2.66	3.54	1.00	2.60	3.87	1.31	3.56	1.43	2.87	7.34	4.50	5.31	39.99
Hyannis	5.77	3.81	1.61	5.05	3.74	0.43	0.62	1.48	2.94	6.01	3.91	5.44	40.81
Kendall Green	5.01	4.35	0.97	5.51	3.22	0.42	2.84	1.73	2.56	.....	.....	.....	.....
Lake Cochituate	3.95	3.89	1.16	3.27	3.70	1.61	3.61	2.57	2.27	5.14	3.53	4.38	39.08
Lawrence	3.00	3.10	1.14	2.02	4.00	0.54	4.25	0.83	2.80	3.79	2.73	3.15	31.35
Leeds	2.26	3.97	1.16	1.96	6.62	1.52	0.80	0.26	4.36	6.57	2.25	4.64	37.37
Leicester	0.63	.....	0.40	1.62	4.15	.....	.....	.....	.....	.....	.....	.....	.....
Leominster	2.27	2.84	1.15	2.98	3.82	0.91	2.34	0.79	3.99	4.24	3.45	2.73	31.51
Long Plain	5.46	5.10	1.91	4.54	5.02	1.83	2.04	1.50	3.12	9.44	5.08	6.19	51.23
Lowell	3.35	3.50	1.27	3.76	4.36	0.38	3.00	0.93	3.03	3.46	3.52	3.84	34.40
Ludlow Center	2.32	2.37	1.12	2.00	3.29	2.01	2.03	0.84	3.42	4.03	4.07	3.91	31.41
Lynn	2.84	2.74	1.11	3.33	4.91	0.59	2.34	2.56	1.88	5.79	3.34	4.25	35.68
Mansfield	3.79	4.61	1.64	3.62	5.04	0.51	3.40	2.02	3.80	7.27	4.39	5.47	45.56
Medford	3.07	3.01	0.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middleboro	4.62	4.74	1.22	3.40	4.48	0.61	1.20	1.84	3.22	7.68	4.22	4.91	42.14
Milton	2.13	3.72	0.98	3.20	3.39	1.35	2.63	1.21	2.46	6.02	3.68	4.48	35.25
Monroe	2.13	2.71	2.59	2.60	3.95	1.59	2.76	1.32	6.17	4.50	3.31	4.89	38.52
Monson	3.12	3.03	1.75	2.57	2.87	1.53	1.81	1.57	2.78	3.81	4.17	2.60	31.61
Mount Nonotuck	3.06	2.70	1.48	1.85	3.39	2.55	2.02	0.63	4.12	5.29	3.71	4.08	34.88
Mystic Lake	3.93	3.31	1.09	3.48	5.18	0.72	3.45	2.52	2.52	5.58	3.49	3.97	39.24
Mystic Station	3.79	3.09	0.99	2.64	4.74	0.52	3.13	1.70	3.04	5.38	3.46	4.46	36.94
*Nantucket	3.14	3.11	1.89	2.24	1.88	0.81	0.29	1.20	1.90	10.05	2.80	5.83	35.14
Natick	.....	.....	.....	.....	.....	.....	1.98	1.60	1.97	5.11	3.89	5.25	.....
New Bedford [11]	4.85	5.16	1.84	4.99	4.46	0.90	0.74	2.18	2.83	7.64	4.55	5.73	45.89
New Bedford [12]	5.13	4.49	1.88	5.11	4.60	0.77	0.80	1.98	2.91	7.63	4.25	5.57	45.12
Newburyport	3.42	.....	.....	0.80	3.57	0.15	3.96	0.48	4.54	3.76	1.15	2.39	.....
North Billerica	2.89	3.05	0.92	2.45	4.42	1.22	5.65	1.45	2.70	5.24	2.41	3.60	36.00
Pittsfield	.....	.....	1.13	1.76	3.82	2.00	3.48	1.28	5.91	3.64	3.08	3.35	.....
Plymouth	4.26	4.85	1.56	3.97	4.35	1.54	1.08	1.47	2.37	7.91	4.98	5.78	44.12
Provincetown	3.98	2.67	1.28	3.22	3.51	0.70	0.46	1.44	1.90	5.69	3.17	4.88	32.90
Randolph	2.76	3.63	1.18	3.40	4.19	1.88	2.50	1.45	2.78	6.29	4.10	3.30	37.46
Roberts Dam	3.63	3.46	1.07	3.20	3.66	0.47	3.27	1.33	2.17	5.25	2.89	4.58	34.98
Roxbury	3.14	3.44	1.08	3.25	3.69	0.89	.....	2.27	2.16	5.33	3.77	4.75	.....
Salem	3.43	2.94	1.07	2.69	4.78	0.62	3.06	1.26	2.28	5.45	3.68	4.31	35.57
Salisbury	2.85	2.39	0.99	2.37	4.86	0.50	3.81	0.57	4.10	5.60	2.27	2.70	33.01
Somerset	2.88	3.98	1.29	3.23	3.97	1.63	1.68	1.81	4.12	8.21	4.70	5.08	42.58
South Dennis	5.56	3.38	1.59	4.81	3.15	0.41	0.62	1.76	[d]0.97	.....	.....	.....	.....
Springfield Armory	2.30	2.13	1.87	1.93	3.59	2.06	2.52	0.93	5.41	4.98	4.23	3.50	35.45
Taunton [13]	3.62	4.16	1.26	3.70	3.83	0.73	2.64	1.54	3.29	7.28	4.62	5.74	42.41
Taunton [14]	4.31	.....	1.42	4.20	4.32	0.77	2.41	1.55	3.98	8.93	6.21	5.62	.....
Taunton [15]	3.22	5.11	0.87	3.44	3.76	1.13	2.41	1.50	3.17	8.88	4.15	4.87	42.51
Turners Falls	1.75	1.72	1.30	1.41	2.06	2.37	1.39	0.69	4.86	3.95	2.98	3.18	27.66
*Vineyard Haven	5.51	4.06	2.28	4.70	4.78	1.47	1.47	1.74	3.00	10.88	5.73	6.87	52.49
Wakefield	3.33	3.42	1.10	3.11	4.91	0.22	2.75	1.07	2.40	5.40	4.37	3.27	35.33
Waltham	2.54	2.65	1.20	3.29	4.57	0.51	3.16	1.48	2.29	5.92	3.83	4.30	35.74
Webster	3.04	3.36	1.63	2.77	4.05	0.64	1.70	2.49	2.05	2.72	4.19	3.98	32.62
Wellesley	4.39	4.97	1.24	3.89	4.06	.....	.....	.....	.....	.....	4.07	3.12	.....
Westboro	3.10	3.60	1.40	3.48	4.46	1.02	3.59	6.09	2.20	4.98	3.46	3.78	41.16
Williamstown	2.54	2.29	1.13	1.82	3.16	2.99	3.39	1.46	4.58	4.91	.....	1.75	.....
Winchendon	2.40	2.22	1.16	2.88	2.76	2.26	1.54	1.06	7.09	2.63	2.06	3.25	31.31
Winchester	3.43	3.04	0.96	2.60	4.24	0.31	3.14	1.24	1.97	4.93	3.54	4.18	33.58
Winthrop	2.87	3.13	0.92	3.30	4.17	0.97	3.01	2.39	1.68	4.47	2.79	4.25	33.95
*Woods Hole	5.07	4.69	1.81	3.97	3.52	1.23	0.68	1.31	2.24	9.29	3.87	5.63	43.31
Worcester [16]	1.99	1.87	1.46	2.04	4.76	0.39	3.34	1.50	2.59	3.92	2.84	3.02	29.73
Worcester [17]	2.98	2.84	1.41	3.60	4.63	0.73	3.75	1.47	3.16	3.96	.....	.....	.....

[1] Miss S. C. Snell.
[2] Agricultural experiment station.
[3] Hatch experiment station.
[4] Boston waterworks.
[5] Filter beds, Brockton waterworks.
[6] Pumping station, Brockton waterworks.
[7] Harvard Observatory.
[8] E. C. Brooks.
[9] Dr. J. Fisher.
[10] Dr. A. P. Mason.
[11] T. R. Rodman.
[12] New Bedford waterworks.
[13] A. F. Sprague.
[14] Taunton waterworks.
[15] C. H. Wilmarth.
[16] Worcester Academy.
[17] G. W. Swan.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Michigan.													
Adrian	1.47	3.22	2.33	3.36	9.17	3.38	2.15	0.48	5.50	3.09	1.99	2.33	38.47
Albion	2.03	2.81	1.51	3.05	5.86	3.38	.....	.....	.....	2.29	1.58	2.65	.....
Allegan	1.86	1.69	2.10	2.27	8.14	2.52	0.96	0.61	2.82	2.76	2.05	1.44	29.22
Alma	3.17	1.82	1.73	2.07	5.31	2.71	[1]0.88	0.17	7.14	1.86	0.81	0.54	28.81
*Alpena	1.59	0.90	1.73	2.06	5.99	7.19	0.91	1.53	2.64	3.18	1.41	1.75	30.88
Ann Arbor	1.05	1.27	2.17	2.78	5.93	1.93	0.83	T.	3.66	2.79	1.76	1.47	25.64
Arbela	2.15	1.55	1.11	2.90	5.14	1.31	1.61	0.05	3.02	2.14	0.47	0.67	22.12
Ball Mountain	0.95	2.63	1.10	2.06	5.00	1.99	1.73	0.06	3.98	1.95	1.34	1.62	24.41
Bear Lake	1.40	0.49	4.16	1.95	4.65	3.35	.....	.....	.....	.....	.....	.....	.....
Bellaire	1.24	.....	2.30	1.02	2.91	2.41	.....	.....	.....	5.46	.....	.....	.....
Benton Harbor	2.11	3.84	2.79	2.50	6.18	1.88	0.90	0.14	4.55	.....	.....	.....	.....
Benzonia	5.30	2.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.47	.....
Berlin	1.24	1.49	1.24	2.18	7.89	1.28	1.36	0.06	3.09	2.18	1.38	1.47	24.86
Berrien Springs[1]	2.31	2.80	3.37	3.53	5.33	2.02	0.90	0.18	5.27	2.35	3.50	0.80	32.36
Berrien Springs[2]	2.04	1.63	3.35	2.59	3.47	1.18	1.82	0.00	.....	.....	.....	.....	.....
*Birmingham	0.95	2.47	1.70	3.03	6.09	2.60	1.78	0.00	1.35	1.74	0.75	1.04	23.50
Boon	3.55	1.47	5.71	2.77	6.88	[2]3.85	0.97	[1]0.52	2.68	2.21	2.51	2.02	35.14
Bronson	0.94	1.80	2.10	3.09	5.96	1.20	1.19	0.28	3.33	1.66	1.52	0.75	23.82
Brown City	1.16	5.10	0.71	1.33	7.24	.....	.....	.....	.....	.....	0.27	0.53	.....
Calumet	2.48	0.96	3.36	2.81	4.49	1.07	2.96	1.48	2.71	4.75	3.48	1.87	32.42
Charlevoix	2.05	0.65	1.35	0.35	5.00	3.57	2.29	0.45	4.23	5.05	1.42	1.40	27.81
Cheboygan	2.46	1.02	3.05	1.46	5.46	4.43	1.30	2.52	2.44	4.08	2.26	1.95	32.43
Climax	1.23	.....	.....	1.40	4.29	.....	.....	.....	.....	.....	.....	.....	.....
Clinton	1.26	1.60	3.33	2.26	7.54	3.02	1.03	0.05	2.64	3.43	1.60	1.27	29.03
Crystal Falls	0.50	0.70	1.40	.....	3.49	.....	.....	.....	.....	.....	.....	.....	.....
*Detroit	0.94	2.57	1.39	2.54	4.90	2.63	2.06	0.16	2.47	3.37	1.15	1.56	25.74
*Escanaba†	2.12	0.43	2.22	1.44	2.98	4.58	.....	.....	.....	.....	.....	.....	.....
Evart	.....	.....	[2]3.26	1.86	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairview	2.26	2.94	2.09	2.13	5.37	2.11	0.66	0.28	2.51	1.99	.....	0.31	.....
Fitchburg	1.59	3.36	1.52	3.74	7.65	3.78	3.25	0.00	2.45	2.80	1.70	1.45	33.29
Flint	1.84	1.79	1.04	1.77	4.97	1.67	1.43	0.12	3.03	2.15	0.85	0.98	21.64
Gaylord	3.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gladwin	.....	.....	.....	.....	.....	2.62	1.36	T.	3.08	2.16	1.51	.....	.....
*Grand Haven	2.74	1.15	3.40	2.57	6.35	2.82	0.57	0.68	6.56	2.66	1.86	1.25	32.61
Grand Rapids	3.08	1.65	2.60	2.16	5.58	2.45	0.25	0.38	3.45	2.38	1.53	0.67	26.18
Grape	0.75	1.67	1.34	3.21	5.80	3.72	0.41	0.14	4.32	2.55	0.89	1.60	26.41
Grayling	1.60	1.20	[2]1.10	1.17	3.45	2.13	1.65	0.53	2.75	1.60	1.50	1.60	20.28
Hanover	1.36	3.20	2.06	3.05	5.43	3.91	1.03	0.16	4.26	3.80	1.63	1.38	31.27
Harbor Springs	3.82	1.30	3.07	1.44	6.13	3.67	1.12	0.86	2.52	4.28	2.22	1.57	32.00
Harrison	2.53	0.97	2.73	2.71	5.56	5.03	0.98	0.05	4.12	2.02	1.23	.....	.....
Harrisville	2.93	2.16	3.01	2.24	8.08	4.35	1.01	0.29	3.17	2.51	2.19	2.03	33.97
Hart	.....	1.00	4.10	2.00	6.50	1.70	1.05	1.25	3.40	4.50	2.65	1.80	.....
Hastings	.....	2.31	1.44	2.27	7.94	5.36	0.72	0.82	2.12	.....	.....	.....	.....
Hayes	1.14	1.22	1.70	1.60	3.77	1.27	2.06	0.14	3.11	2.17	.....	0.50	.....
Hesperia	.....	.....	.....	.....	.....	.....	.....	0.33	3.48	1.73	1.12	.....	.....
Highland Station	.....	.....	1.57	2.52	5.00	.....	.....	.....	.....	.....	.....	0.97	.....
Howell	1.15	2.39	1.95	2.25	5.93	2.19	1.82	0.04	2.58	2.44	1.18	0.79	24.71
Jeddo	0.93	2.51	0.60	1.49	7.84	2.88	1.23	0.09	2.26	2.05	1.48	1.19	24.55
Kalamazoo	1.57	0.98	1.30	2.35	8.33	1.64	1.34	0.91	1.64	2.53	2.40	1.08	26.07
Lake City	1.70	.....	.....	.....	4.28	3.15	0.62	0.52	3.21	1.81	1.55	.....	.....
Lansing	1.75	1.67	1.26	3.31	6.51	1.81	1.45	T.	2.76	1.98	1.05	1.14	24.69
Lathrop	1.65	0.62	1.80	1.55	5.15	4.89	1.56	0.38	3.38	2.11	.....	1.97	.....
Lewiston	1.83	0.36	1.94	1.72	3.53	5.24	1.43	1.09	3.31	2.91	1.03	0.80	25.19
Lodi	2.23	1.11	3.10	1.63	5.51	3.35	0.80	0.45	3.79	4.07	2.35	0.97	29.36
Madison	1.04	2.52	1.81	2.77	8.89	1.83	0.47	0.35	4.07	2.33	1.75	1.37	29.20
*Marquette	2.77	2.03	4.14	1.73	8.09	1.90	1.57	1.78	2.73	2.00	4.58	2.26	35.58
Mayville	2.24	1.33	1.62	3.14	5.23	2.71	2.27	0.07	3.70	2.68	0.89	1.07	26.95
Mottville	1.73	1.55	1.66	2.77	5.38	2.57	3.44	0.06	5.36	2.05	1.97	1.09	29.63
North Marshall	1.50	1.43	1.09	2.41	4.90	3.30	1.45	T.	2.15	2.22	1.05	1.23	22.73
Northport	.....	.....	2.59	1.78	5.02	2.20	.....	T.	3.45	4.55	1.98	2.48	.....
Old Mission	.....	0.36	2.22	1.63	4.06	3.24	0.73	0.42	2.59	4.10	2.06	0.66	.....
Olivet	1.00	1.36	0.40	.....	4.60	.....	.....	.....	.....	.....	.....	.....	.....
Ovid	1.80	1.67	1.27	2.61	6.57	3.05	1.28	0.02	3.00	1.51	1.03	1.00	24.81
Paris	3.37	2.57	4.42	1.96	6.57	2.57	[2]0.25	.....	.....	2.10	1.65	1.08	.....
Parkville	1.83	2.12	.....	3.95	7.28	2.03	1.39	0.29	4.09	2.49	1.89	1.38	.....
Pontiac	.....	.....	.....	.....	.....	3.43	2.08	0.00	5.11	1.65	.....	.....	.....
*Port Huron	0.86	2.88	1.28	2.28	6.97	3.38	0.65	0.07	3.71	2.13	1.43	1.28	26.92
Rawsonville	1.12	2.20	1.73	3.27	5.98	.....	1.10	T.	3.57	3.22	.....	1.30	.....
Rockland	0.80	.....	2.60	2.50	7.53	4.20	0.50	0.60	2.70	5.85	.....	1.50	.....
Romeo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.12	.....
St. Ignace	3.14	0.97	3.41	1.12	5.15	4.03	1.17	1.63	2.04	5.76	2.00	1.75	32.17
St. Johns	.....	.....	.....	.....	.....	.....	1.30	T.	1.70	.....	1.21	0.80	.....
Sand Beach	.....	.....	1.95	1.82	4.11	4.48	1.10	0.77	3.12	3.37	1.32	0.90	.....
*Sault Ste. Marie	3.82	0.80	3.97	1.10	3.38	2.53	1.95	4.72	3.34	4.74	5.11	3.07	38.53
Stanton	2.51	2.00	1.47	1.52	6.28	1.49	0.57	0.26	6.47	2.08	0.94	0.49	26.08
Thornville	0.99	1.31	0.57	2.20	6.15	1.90	2.36	0.18	2.91	2.71	1.31	0.66	23.25
Vandalia	2.75	1.61	2.78	2.07	6.50	1.22	4.69	0.10	4.57	1.79	2.40	1.23	31.71
Williamston	1.40	2.60	1.12	3.25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ypsilanti	1.22	2.88	1.91	3.25	7.55	3.32	0.99	0.11	3.07	3.17	1.08	1.30	29.85
Minnesota.													
Ada	0.26	0.35	1.13	2.86	1.92	4.15	0.84	0.92	1.02	.....	0.13	0.16	.....
Airlie	.....	T.	0.92	2.01	1.27	1.70	1.44	3.22	1.87	.....	.....	.....	.....
Albert Lea	.....	0.10	2.09	5.33	2.70	2.57	.....	.....	.....	.....	.....	.....	.....
*Alexandria	0.45	0.01	2.18	4.58	2.25	3.75	0.60	1.59	1.16	2.52	0.36	0.10	19.55
Barrett	0.70	0.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Beardsley	0.56	0.13	2.29	3.57	0.79	2.62	1.32	2.03	1.17	2.25	0.53	0.07	17.33
Belle Plaine	0.58	0.00	3.30	.....	.....	.....	T.	.....	2.50	.....	.....	0.20	.....
Bingham Lake	.....	T.	0.70	4.05	1.21	1.66	0.89	.....	.....	2.78	0.06	0.93	.....
Bird Island	0.52	T.	1.43	4.59	3.99	1.73	0.80	2.83	1.65	2.33	0.34	0.95	21.16
Blooming Prairie	0.65	0.20	1.47	3.27	4.60	2.60	T.	0.70	2.95	2.75	0.58	0.62	20.39

[1] F. A. Zerby. [2] W. J. Jones. † Station closed June 30, 1894.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Minnesota—Continued.													
Bonniwells Mills	0.75	T.	1.67	4.62	1.31	1.09	1.37	0.56	2.69	2.68	0.54	1.09	18.37
Caledonia	1.42	1.02	2.70	4.59	2.85	1.77	0.16	0.82	5.14	3.09	.....	[c]1.27	.....
Cambridge	0.98	T.	2.67	5.73	7.59	1.66	0.23	1.20	1.47	3.45	0.34	1.79	27.11
Camden	0.66	0.04	1.61	3.96	1.39	1.68	1.39	1.40	3.08	3.71	0.49	0.07	19.48
Campbell	.....	0.10	1.89	3.16	2.14	2.05	0.09	3.30	0.99	2.76	0.35	T.	.....
Carver	.....	.....	2.88	5.45	2.60	1.63	0.65	1.04	1.75	.....	.....	.....	.....
Clear Lake	0.67	0.04	1.95	5.81	4.10	2.53	0.84	0.95	1.66	2.76	0.50	1.23	23.04
Clearwater	0.94	0.00	1.47	4.62	.....	4.18	0.47	0.80	2.92	1.40	0.44	0.87	.....
Collegeville	0.66	0.02	1.38	3.43	5.07	2.99	0.69	0.35	1.06	1.01	0.16	0.28	17.10
Cromwell	0.49	1.50	4.67	7.86	5.22	6.49	0.80	2.15	.....	.....	.....	.....	.....
Crookston	0.48	.....	2.10	4.06	.....	2.23	1.37	2.28	1.18	3.90	0.40	0.60	.....
Dawson	1.37	T.	.....	.....	.....	4.64	1.40	.....	2.90	.....	0.29	T.	.....
*Duluth	1.51	0.25	4.30	5.85	5.62	1.80	0.92	1.08	2.08	4.99	1.43	1.87	31.70
Excel	.....	0.50	0.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Farmington	1.22	0.05	2.80	4.09	1.83	1.12	0.22	0.52	1.88	3.85	0.95	1.47	20.00
*Fergus Falls	0.55	0.20	1.70	4.13	1.37	2.12	0.35	1.09	0.97	2.65	0.46	0.18	15.77
*Fort Ripley	0.84	0.08	2.77	5.44	5.36	2.95	0.05	0.93	2.13	3.16	0.32	0.21	24.24
Grand Meadow	0.55	0.35	1.62	3.27	3.57	7.99	0.64	1.99	2.97	4.19	0.55	0.94	28.63
Granite Falls	0.41	0.04	1.31	4.11	0.89	2.24	0.78	0.96	0.93	3.27	0.09	0.16	15.19
Hastings	1.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hutchinson	0.60	T.	1.40	5.40	1.70	2.20	0.85	0.60	1.90	2.00	0.10	1.10	17.85
Jadis	.....	.....	[c]1.95	3.46	2.71	2.91	0.76	.....	.....	[j]2.21	[k]0.97	.....	.....
Lake Vermilion	.....	0.19	2.29	5.31	2.71	3.36	.....	.....	.....	.....	.....	.....	.....
Lake Winnibigoshish	0.86	0.15	3.07	3.92	2.72	3.97	0.49	0.88	2.50	3.43	0.80	0.71	23.50
Lawrence	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.36	0.77	1.50	.....
Leech Lake	0.98	0.20	3.07	4.00	3.75	3.04	0.35	1.10	2.91	4.46	0.52	0.89	25.27
Long Prairie	0.43	0.02	1.82	7.66	3.66	2.53	0.35	0.72	1.41	2.72	0.29	0.18	21.79
Luverne	.....	.....	0.81	3.64	2.26	0.84	1.05	1.32	1.78	3.18	0.40	0.56	.....
Maple Plain	1.50	0.07	2.96	4.61	3.24	0.87	0.55	0.66	2.10	2.81	0.63	1.44	21.44
Marfield	1.35	0.13	3.83	4.75	3.89	4.98	1.67	0.94	4.64	5.69	1.54	1.32	34.73
Mazeppa	1.10	0.30	0.74	.....	2.24	0.26	0.50	0.70	2.70	3.30	0.70	1.00	.....
Medford	0.84	T.	2.00	4.38	2.83	2.81	0.07	0.99	.....	.....	.....	.....	.....
Milan	0.72	0.13	1.80	4.62	1.90	0.92	0.28	3.44	1.05	2.51	0.20	0.02	17.59
*Minneapolis	1.12	0.03	2.72	4.61	4.77	1.15	0.20	0.38	1.52	4.54	0.40	1.40	22.84
Minneapolis[1]	1.37	0.08	3.05	4.53	3.17	1.00	0.27	0.55	1.26	4.52	0.52	1.36	21.68
Minneapolis[2]	1.43	.....	2.93	4.99	3.51	1.18	0.19	0.43	1.32	4.37	0.53	1.39	.....
Minnesota City	0.99	0.39	1.23	3.48	3.14	2.30	0.57	0.05	2.10	3.01	1.29	0.76	19.31
Montevideo	0.71	0.05	1.28	4.48	0.74	2.73	0.23	1.83	1.09	2.86	0.22	0.25	16.47
*Moorhead	0.22	0.36	1.82	2.99	2.83	7.70	1.03	1.08	0.87	3.06	0.19	0.28	22.43
Morris	0.55	0.11	1.69	3.91	1.16	4.25	1.18	1.71	1.05	2.51	0.28	T.	18.40
New London	0.63	T.	1.37	6.48	.....	.....	.....	.....	.....	.....	.....	0.01	.....
New Ulm	0.20	.....	2.03	.....	2.25	.....	2.63	.....	3.00	3.07	0.60	1.65	.....
*Ortonville	0.40	0.00	1.99	3.39	2.11	4.82	0.34	2.19	1.33	3.04	0.22	T.	19.83
Park Rapids	0.67	0.42	1.73	4.45	4.42	2.42	0.34	0.96	1.59	4.14	0.70	1.13	22.97
Pine River	0.77	0.13	2.33	4.93	3.79	3.94	0.28	1.01	2.98	4.69	0.58	1.11	26.54
Pleasant Mounds	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.90	0.40	0.27	.....
Pokegama Falls	1.11	0.21	3.80	4.35	4.21	5.79	0.36	1.89	3.57	4.52	0.92	1.28	32.01
Red Lake	0.39	0.14	1.00	2.62	[j]3.32	.....	1.37	1.96	1.98	3.81	0.44	0.20	.....
Red Wing	0.90	0.35	1.10	3.30	2.71	2.61	0.10	1.45	2.54	5.12	0.40	0.95	21.53
*Redwood Falls	0.30	0.00	0.24	2.61	1.66	0.69	1.11	1.38	1.85	3.12	0.12	0.24	13.32
*Reeds Landing	.....	.....	.....	.....	.....	1.95	.....	0.49	.....	.....	.....	.....	.....
Rochester	0.95	0.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rolling Green	1.70	0.20	1.75	4.58	1.45	3.13	0.40	1.20	4.45	2.30	0.40	1.45	23.01
Rush City	.....	0.10	2.97	4.76	[g]5.78	1.19	0.82	0.55	.....	.....	.....	.....	.....
St. Charles	1.04	0.40	1.05	3.67	4.87	4.56	0.17	0.31	3.15	4.10	0.84	0.95	25.11
St. Cloud	0.81	0.00	2.55	4.93	8.54	4.15	0.51	0.90	2.12	1.95	0.72	0.69	27.87
St. Olaf	0.70	.....	1.74	4.09	0.94	3.36	0.77	1.50	0.87	2.43	0.52	0.08	.....
*St. Paul	1.04	0.10	3.28	4.30	6.63	1.51	0.13	0.36	1.82	4.49	0.61	1.53	25.80
St. Peter	0.91	0.10	3.10	5.42	3.10	1.65	0.74	2.06	1.38	2.58	0.45	1.53	23.02
*St. Vincent	0.80	0.66	1.20	4.42	1.64	3.38	0.49	2.18	1.08	3.00	0.73	0.71	20.29
Sandy Lake Dam	1.22	0.23	2.33	5.59	2.52	0.86	0.04	0.06	0.54	5.38	0.65	0.89	20.11
Sauk Center	0.57	T.	2.41	5.74	2.22	1.16	0.04	1.11	1.10	2.10	0.50	2.00	18.95
Starbuck	0.97	T.	1.72	5.56	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sunrise City	.....	0.25	.....	.....	.....	.....	.....	0.75	0.75	2.60	0.41	.....	.....
Two Harbors	.....	.....	.....	6.71	4.47	2.49	1.29	2.16	2.54	6.22	1.19	2.02	.....
Wabasha	1.09	0.35	1.29	4.39	5.06	2.64	0.18	0.18	2.61	2.98	0.85	0.93	22.55
Warren	1.19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Willmar	0.73	0.25	2.03	5.89	0.63	4.00	0.66	3.46	1.15	1.92	0.40	0.07	21.19
Winona	1.14	0.58	2.11	4.57	4.21	4.17	1.27	0.02	1.93	2.77	1.50	0.86	25.13
Worthington	0.98	0.05	1.49	4.83	1.01	.....	.....	.....	1.77	3.45	0.11	0.34	.....
Mississippi.													
*Aberdeen	7.83	6.53	4.27	4.05	2.66	1.85	3.55	7.18	2.72	0.52	1.10	.....	.....
Agricultural College	5.01	4.73	6.79	3.13	2.40	2.57	4.88	6.76	1.68	0.75	0.16	4.11	42.97
*Batesville	7.11	7.16	7.79	3.22	0.98	0.61	6.14	5.88	2.06	0.33	0.66	4.11	46.05
Bay St. Louis	.....	.....	.....	4.00	1.29	1.10	8.98	8.16	2.40	0.30	0.97	2.16	.....
Biloxi	1.59	9.95	6.00	1.95	1.87	1.13	7.28	9.17	5.09	0.40	0.35	2.85	47.63
Briers	3.69	5.86	5.48	2.00	1.47	2.21	7.52	2.51	4.56	0.24	1.03	6.76	43.33
*Brookhaven	5.37	7.61	5.46	5.71	4.91	6.78	6.13	5.15	2.50	0.68	1.43	5.90	57.69
Canton	5.22	5.49	5.08	5.57	3.73	2.43	6.33	3.16	5.64	0.66	0.46	5.88	49.15
Clarksdale	6.19	7.00	7.51	3.77	1.72	.....	3.74	6.98	2.33	.....	.....	.....	.....
*Columbus	4.75	4.88	5.98	4.05	2.01	0.71	5.98	5.35	2.14	0.77	0.44	3.25	40.31
*Corinth	[f]4.71	.....	.....	.....	3.75	1.53	4.79	3.23	0.67	0.00	0.69	4.16	.....
Crystal Springs	7.05	7.26	3.77	6.32	3.73	1.44	7.06	6.31	4.87	1.09	1.35	5.39	55.66
Duck Hill	.....	.....	5.72	4.01	0.88	1.48	3.20	3.35	4.39	1.45	0.92	3.45	.....
Edwards	5.64	5.49	10.11	5.67	4.86	0.89	5.58	5.49	5.00	1.06	1.56	5.88	57.23
Enterprise	3.42	6.97	4.25	4.11	1.80	1.92	6.96	8.70	4.96	0.27	0.76	4.87	48.09
Fayette	.....	.....	.....	5.81	1.99	3.96	7.47	5.99	2.05	0.82	1.38	4.55	.....
French Camps	7.46	4.41	7.13	4.47	1.54	4.07	6.28	6.77	4.04	1.21	1.04	4.04	52.46
Greenville[3]	7.23	3.18	8.98	4.08	0.57	0.33	5.15	5.38	1.77	1.36	0.34	4.24	42.61

[1] William Chaney

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Mississippi—Continued.													
*Greenville[1]	7.37	3.19	9.48	4.48	0.61	0.30	5.09	5.96	1.17	1.53	0.35	4.25	43.78
Hattiesburg	3.14	5.92	5.07	2.55	2.50	1.65	7.46	6.43	2.49	0.30	0.97	4.78	43.26
*Hazlehurst	.....	.....	.....	.....	5.02	3.45	6.17	5.52	3.02	0.00	0.70	.....	.....
*Hernando	2.94	4.66	6.42	6.66	3.37	0.30	3.12	5.33	2.56	0.10	0.25	3.87	39.58
*Holly Springs	.....	.....	.....	.....	3.55	2.80	6.18	7.09	1.74	0.26	0.96	4.31	.....
Itta Bena	7.09	6.46	8.26	3.63	1.76	2.00	6.21	2.77	.....	1.45	.....	.....	.....
*Jackson	4.47	.....	3.56	3.45	3.92	2.94	7.19	7.77	4.08	0.19	2.81	3.71	.....
Kosciusko	4.37	5.60	5.55	1.79	1.40	5.38	7.87	3.12	6.17	1.06	.....	3.40	.....
*Lake	6.49	7.04	3.69	3.27	2.09	3.25	5.77	7.43	1.34	0.65	2.49	4.47	47.98
Leakesville	0.93	9.50	5.71	2.01	2.80	6.10	7.60	7.32	2.05	5.32	0.14	6.15	55.63
Leona	.....	.....	.....	.....	.....	.....	.....	.....	5.28	0.10	.....	.....	.....
Logtown	1.79	11.61	6.85	4.56	2.73	4.08	8.97	6.30	4.26	0.12	1.20	3.40	55.87
Louisville	5.15	5.26	7.16	3.49	2.00	5.62	5.01	7.17	1.82	0.50	0.68	4.33	48.19
McComb City	.....	.....	2.77	2.79	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Macon	7.11	7.20	4.60	4.83	1.70	3.06	5.09	7.45	3.13	0.25	0.63	3.87	48.92
Mayersville	.....	[c]3.25	8.32	7.04	2.83	1.10	7.01	4.96	4.40	.....	.....	3.45	.....
*Meridian	4.70	6.53	5.34	6.29	2.45	3.09	6.90	6.13	5.03	0.34	1.34	3.65	51.79
Moss Point	.....	10.00	.....	.....	3.71	1.75	5.75	8.65	3.55	4.15	0.35	0.70	.....
*Natchez	5.27	6.10	6.25	3.51	3.48	0.40	3.12	6.36	3.47	0.80	1.80	4.28	44.84
*Okolona	6.48	5.21	5.94	3.55	2.91	1.02	1.84	7.37	2.75	0.78	0.82	2.45	41.12
Palo Alto	7.25	4.66	7.26	3.24	1.75	1.91	4.60	6.51	2.68	0.55	1.32	2.62	44.35
Pontotoc	5.85	7.61	6.35	3.03	2.82	4.34	6.05	4.54	3.88	0.29	1.29	5.17	51.22
*Port Gibson	6.05	6.56	5.56	7.21	3.57	3.27	5.86	4.41	5.32	1.58	1.67	4.46	55.52
Rosedale	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.22	3.99	.....
Thornton	5.60	3.53	7.46	6.43	2.57	0.54	3.40	2.50	2.90	1.03	0.60	4.93	41.49
Topton	4.90	6.50	4.00	3.55	1.15	1.20	4.90	4.40	3.40	0.25	1.05	4.60	39.90
University	[b]4.67	5.23	.....	.....	0.69	1.62	6.41	3.78	.....	0.30	0.47	4.23	.....
Vaiden	4.61	5.56	8.00	4.50	1.98	2.27	5.48	8.94	3.27	0.96	0.54	2.99	49.10
*Vicksburg	6.23	5.83	6.27	4.62	6.71	0.91	7.99	2.29	2.75	1.56	2.36	6.41	53.93
Water Valley	6.27	7.89	8.06	3.30	0.36	2.63	2.27	4.68	4.81	1.20	0.40	4.69	46.56
Waynesboro[2]	3.90	7.65	6.85	2.36	4.81	1.67	7.20	8.79	4.60	0.10	1.40	6.30	55.63
*Waynesboro[3]	.....	.....	.....	.....	4.32	2.20	7.04	9.28	5.12	0.10	1.04	.....	.....
Williamsburg	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.46	.....	.....
Woodville	7.46	7.31	7.94	2.07	1.34	5.55	6.96	5.46	5.75	0.53	1.69	3.75	55.81
*Yazoo City	6.44	5.24	5.55	5.47	2.71	1.44	3.93	3.82	2.62	1.01	0.98	4.80	44.01
Missouri.													
Akron	0.95	1.60	.....	.....	1.42	.....	.....	1.22	3.33	2.25	.....	.....	.....
Appleton City	3.55	1.50	2.80	3.29	7.56	7.13	8.15	1.83	3.87	1.86	2.17	2.55	46.26
*Arlington	2.48	.....	4.08	3.27	7.38	1.56	.....	.....	.....	.....	.....	.....	.....
Arthur	2.92	1.22	2.20	3.63	3.78	5.50	3.30	1.61	6.90	0.83	1.65	3.24	41.78
*Bagnell	.....	.....	2.89	4.10	5.48	3.74	2.09	2.52	5.96	0.53	2.49	3.70	.....
Bethany	1.22	2.50	2.78	1.79	1.39	5.13	0.37	0.29	2.79	2.45	1.00	1.33	23.04
Big Piney	2.30	2.60	3.10	3.32	4.40	0.75	0.95	0.63	1.90	.....	.....	.....	.....
Birch Tree	2.27	5.21	5.14	4.64	6.09	1.99	2.44	5.02	3.59	2.44	1.00	2.24	42.07
Bluffton	2.55	2.43	2.83	2.44	4.22	2.19	0.61	1.51	4.64	1.29	1.92	3.26	29.89
*Boonville	2.64	2.88	2.22	3.97	4.97	9.73	1.72	1.40	5.93	1.64	1.71	2.07	.....
Brunswick	3.20	2.65	0.39	1.60	1.75	5.51	0.52	0.40	3.51	1.30	1.55	0.72	23.10
*Cape Girardeau	1.50	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carrollton	2.40	2.40	2.59	1.70	3.85	4.99	1.83	1.44	5.31	2.04	1.54	0.87	30.96
Carthage	.....	.....	.....	.....	.....	3.56	3.99	0.85	6.32	0.62	0.22	1.53	.....
Centerville	2.10	3.80	4.40	3.60	5.10	0.95	1.95	1.55	5.12	1.66	2.29	4.27	36.79
*Columbia	2.46	1.35	1.84	2.02	4.33	3.04	1.20	1.29	7.57	0.98	1.60	1.20	28.88
Conception	0.70	0.65	.....	3.70	2.85	5.35	2.75	0.65	3.30	4.70	2.20	1.29	.....
Cowgill	0.20	2.30	4.25	1.44	2.28	4.28	3.84	0.88	3.40	2.47	1.42	0.65	27.41
Darksville	2.95	1.80	.....	.....	2.88	4.51	0.35	0.90	2.52	1.31	1.13	0.70	.....
Dixon	.....	.....	.....	[g]5.85	.....	.....	1.72	0.89	.....	.....	.....	.....	.....
Downing	2.05	1.81	2.78	2.95	2.66	4.94	2.85	0.92	3.86	2.01	2.22	0.89	29.94
East Lynne	3.09	1.91	2.52	.....	[g]4.01	5.67	5.71	1.86	6.11	1.83	1.55	1.84	.....
Edge Hill	2.94	3.68	3.37	3.47	6.83	1.14	2.61	2.46	5.03	1.62	1.60	3.75	38.50
Eight Mile	3.06	1.27	2.70	5.04	4.04	6.04	4.46	1.97	5.65	2.02	1.45	1.57	39.27
Eldon	3.15	1.29	3.10	5.07	4.81	3.34	1.62	1.53	5.58	0.69	1.80	3.43	35.41
Elmira	.....	.....	.....	1.75	1.80	4.76	1.28	0.81	3.06	3.13	1.19	1.11	.....
Emma	2.85	1.60	2.15	1.90	3.82	4.50	3.10	0.20	8.51	0.52	0.75	1.15	31.05
Fairport	1.47	1.80	3.00	2.01	1.24	5.00	1.67	0.79	3.28	2.61	0.25	1.44	24.56
Farmersville	1.65	1.90	2.92	1.81	1.19	3.44	0.31	0.67	2.80	2.24	1.46	1.15	21.54
Fayette	2.87	2.48	2.20	2.34	3.16	4.96	[e]0.93	0.79	7.12	1.21	2.07	1.39	31.52
Fox Creek	2.82	2.40	2.73	4.12	3.88	2.93	6.01	3.27	3.56	2.08	2.04	3.22	40.06
Fulton	2.75	2.35	[g]0.93	2.77	4.42	3.70	1.97	1.78	3.53	0.65	2.12	1.06	28.03
Gallatin	1.51	2.61	2.80	1.32	2.12	4.70	1.33	0.29	2.27	2.79	1.66	1.45	24.85
Gayoso	2.85	7.72	7.97	4.49	[f]4.76	.....	4.38	2.71	3.37	1.12	0.54	4.16	.....
Glasgow	2.85	2.61	1.97	1.80	4.50	3.59	1.68	0.77	4.33	0.83	1.12	0.86	26.91
Glenated	.....	.....	.....	.....	.....	2.90	3.03	1.37	5.95	0.84	1.22	2.86	.....
Gordonville	2.46	4.02	4.20	2.54	3.64	2.30	3.07	1.44	5.40	3.62	1.90	5.79	40.38
Gorin	1.76	1.53	2.28	3.54	1.53	4.06	0.51	0.85	3.45	1.56	2.23	0.53	23.88
Greenville	.....	.....	.....	.....	.....	2.13	2.55	1.98	2.65	4.87	.....	.....	.....
Grove Dale	2.74	2.75	3.74	4.81	4.86	1.94	2.57	3.04	4.30	1.31	1.84	3.82	37.72
Half Way	3.07	2.27	3.87	4.10	5.65	3.38	1.71	2.89	6.17	1.08	2.02	2.37	38.58
*Hannibal	2.29	2.51	1.77	1.74	2.93	2.52	1.07	1.03	2.40	1.22	1.77	1.34	22.59
Harrisonville	2.70	0.99	2.16	4.46	3.98	3.92	4.28	0.35	7.16	1.39	1.16	1.51	34.06
Hastian	3.00	2.76	2.71	3.59	4.22	5.36	2.91	1.20	.....	.....	.....	3.97	.....
*Hermann	3.00	2.59	3.11	3.69	3.59	2.62	0.57	1.51	4.69	1.89	2.03	3.03	32.32
Houston	1.58	1.84	5.57	6.57	7.12	1.88	1.49	2.46	3.90	1.34	1.70	3.26	38.71
Houstonia (near)	.....	.....	.....	.....	.....	.....	3.72	0.42	6.98	0.97	1.30	1.36	.....
Humansville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.40	2.43	.....
Ironton	2.43	4.85	4.73	4.27	8.22	1.15	3.80	1.19	5.17	1.93	1.31	4.55	43.60
Jefferson City	2.60	3.20	.....	.....	.....	.....	.....	.....	.....	.....	1.90	2.84	.....
*Kansas City	1.67	2.42	2.66	2.51	2.08	8.16	4.35	0.13	7.14	1.49	1.63	1.16	35.40
Kidder	1.40	2.26	2.86	2.16	1.26	5.39	1.79	0.11	6.01	3.19	1.46	1.46	39.35
Lamar	2.77	1.95	3.88	3.48	6.51	5.38	3.28	2.39	9.21	0.91	1.38	2.00	43.14

[1] Cotton region and river observer. [2] W. S. Davis. [3] Cotton region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Annual
Missouri—Continued.													
Lamonte	3.19	1.25	2.30	2.69	3.73	3.72	3.29	0.26	6.18	1.09	1.73	2.49	31.92
Langdon					2.51	4.04	0.26	0.55					
La Plata	2.42	1.44	2.43	2.33	1.39	3.40	0.25	1.15	2.34	1.40	1.08	0.44	20.07
Lebanon	2.29	3.97	5.63	5.13	3.83	3.14	1.67	0.88	5.41	0.81	2.62	2.81	38.19
Lexington	2.95	1.47	2.43	2.37		8.74	1.93	0.74	6.09				
Liberty	1.57	1.82	2.69	3.15	1.53	5.92	3.11	0.29	4.84	3.91	1.43	1.46	31.72
Linn Creek	1.20	1.46						1.00		0.45	5.40	4.17	
*Louisiana Bridge	1.69	2.08	2.30	2.17	5.08	2.83	0.82	3.28	3.14	1.08	1.28	1.96	27.71
McCune	2.25	2.55	3.76	4.59	4.97	3.29	1.76	3.08	6.62	1.44	2.87	1.31	38.49
Marble Hill				1.97	3.65	3.07		1.13	4.75	3.05	1.71	3.27	
Marceline	1.48	2.75	3.46	1.51	1.80	4.50	0.85	0.64	6.02	2.07	1.55	0.43	27.06
Marshall	2.72	2.30	2.46	2.33	3.92	5.69	1.58	0.93	6.07	2.12	1.05	0.97	32.14
Maryville							1.10	0.12	5.70	1.45	0.35	0.90	
Mexico	2.10	2.35	2.85	2.38	5.95	6.09	2.32	0.78	6.67	0.87	2.60	1.05	36.01
Miami	3.48	2.05	2.60	1.62	2.38	4.30	2.60	0.36	5.15	1.56	0.96	1.05	28.11
Mine La Motte	2.16	3.38	4.16	3.12	7.80	2.52	3.47	0.92	6.84	2.05	0.93	4.39	41.74
Mount Vernon	2.98	1.53	4.22	2.73	5.07	3.56	4.83	2.14	5.78	1.53	1.38	2.10	37.85
Neosho	5.36	3.44	3.31	3.54	7.21	5.10	2.38						
Nevada			2.80	2.57	3.59	6.56	2.10	4.13	6.55	0.77	1.50	1.90	
New Boston	2.35	1.86	1.40			4.76						T.	
New Hartford	2.15	2.06	3.54	3.54	3.82	2.40	1.26	2.58	4.33	1.01	3.28	1.15	31.12
New Haven	3.17	4.27	3.31	4.42	2.35	2.05	1.39	3.58	4.23		1.77	1.12	
New Madrid	3.25	6.63	7.44	3.51	4.88	2.41	3.44	2.80	4.44	1.15	0.58	4.18	44.71
New Palestine	2.39	1.75	1.21	3.14	3.91	5.05	3.83	1.01	6.12	1.35	0.95	1.65	32.36
Oakfield	2.73	2.28	3.05	4.68	4.71	3.08	6.23	3.27	3.54	1.87	2.14	2.78	40.36
Oak Ridge	3.12	3.78	3.44	2.50	3.20	1.90	2.70	0.90	4.50	2.90	0.80	4.91	34.65
Olden	2.41	5.75	5.51	3.15	6.70	1.67	4.01	1.13	5.79	2.95	1.14	2.66	42.87
Oregon[1]	1.21	2.20	2.00	1.33	2.37	4.82	0.52	0.04	3.65	2.15	0.68	1.25	22.22
Oregon[2]	1.17	1.81	1.89	1.31	2.26	5.26	0.47	0.05	3.68	2.23	0.67	0.98	21.78
Osceola				2.69	8.60		4.41						
Oto			3.05	2.66	5.85	1.50		1.00				1.89	
Palmyra	2.35	2.85	2.00	2.75	2.60	2.90	0.75	1.10	3.95	1.35	3.05	1.21	26.86
Panacea	2.66	3.55	5.08	2.94	7.69	2.59	5.16	4.73	7.75	2.03	1.89	1.39	47.46
Paris		2.33	1.10										
Phillipsburg	2.24	1.93	4.10	6.84	4.57	4.30	1.30	2.04	3.78				
Pickering	0.90	1.55	1.52	0.90	1.98	3.40	1.22	0.18	3.52	2.04	0.20	1.40	18.81
Platte River	1.15	2.15	2.16	2.28	1.90	6.81	2.05	0.28	4.82	5.18	1.08	1.53	31.39
Poplar Bluff	2.97	5.00	5.64	3.65	8.33	2.33	2.16	2.39	2.72	2.79	0.62	3.92	42.52
Potosi	2.43	2.72	3.16	2.82	5.82	1.59	7.01	4.52	4.74	1.85	1.79	3.50	41.95
Princeton	1.50	2.40	1.60	1.91	1.08	3.46	1.30	1.54	3.28	2.60	1.61	1.05	23.33
Rea				1.07	0.47	5.21	0.86	1.38	[b]3.77				
Round Spring	2.57	4.49	4.91	4.42	6.05	2.51	1.66						
St. Charles	2.86	2.37	2.94	4.57	2.37	1.81	4.90	3.06	2.77	1.87	2.53	2.04	34.09
*St. Joseph	0.72	1.97	2.18	1.91	1.59	5.13	1.31	0.80	3.24	3.63	1.23	1.03	24.14
*St. Louis	2.56	2.88	2.69	2.68	3.61	1.12	1.35	1.66	3.11	1.56	1.49	2.73	27.44
St. Louis[3]	2.70	2.38	2.78	2.44	3.18	1.73	1.10	1.53		2.06	1.42		
Sarcoxie	3.99	1.88	2.70	2.30	6.51	5.87	5.38	1.25	5.27	1.49	1.95	2.18	40.77
Sedalia	2.86	2.31	2.33	3.43	3.94	6.46	2.81	0.68	6.76	0.52	1.29		
Shelbina	2.50	2.10	1.80	1.80	2.90	6.90	0.90	1.50	2.60	1.40	1.70	1.10	27.20
Sikeston					3.09	2.18	3.06		3.75				
*Springfield	2.88	2.28	3.62	4.16	6.48	2.26	2.91	1.75	8.52	1.37	1.90	2.28	40.41
Steffenville	2.29	2.11	2.34	2.31	2.24	3.36	1.18	1.49	3.22	1.22	0.88	0.51	23.15
Stellada	3.26	1.83	2.44	2.87	3.34	4.97	4.68	0.20	7.48	1.03	1.31	2.60	36.01
Sublett		3.00	3.70	1.37	2.12	2.30	0.60	1.10	3.48	4.05	2.05	0.35	
Tindall						3.26	0.15	0.42	3.39	1.29	1.67	0.48	
Unionville	1.09	2.73	1.04	1.56	2.51	2.06	1.12	1.52	4.44	2.04	1.83	0.50	22.44
Vera Cruz										1.78	1.59	2.17	
Vermont	2.76	2.70	1.83	3.23	5.09	5.17	1.87	0.79	6.50	1.33	1.01	2.08	34.36
Vilas	0.71	1.35	2.14	1.99	1.22	2.11	0.51	1.03	2.43	2.27	1.33	1.59	18.68
Virgil City	2.65	1.40	3.21	3.92	5.10	6.05	4.53	2.44	5.93	0.90	2.06	3.37	41.56
Warrensburg	2.85	1.52	1.74	3.18	3.11	5.03	3.33	0.35	6.11	0.97	0.89	2.22	31.30
Warrenton	3.39	2.40	3.08	3.08	3.30	2.85	0.81	3.21	4.58	1.50	2.91	2.88	33.99
Wheatland	3.22	1.71	3.00	4.41	8.07	5.75	2.65	1.82	6.37	0.80	3.47	3.66	44.93
Whiteside	3.67	3.00	2.56	4.00	4.08	2.05		5.64	4.00				
Montana.													
Anaconda				0.50	0.98	3.91	1.01	0.74	1.71	1.19	0.87	0.19	
Basin					1.44								
Big Timber				1.49	3.73								
Billings				1.96	1.95	3.81	0.43	0.50	1.27	1.26	1.05	0.60	
Boulder	0.77	0.14	0.71	0.74	1.06	2.59	0.90	0.70	1.99	0.50	0.14	0.19	10.43
Bozeman				3.07	2.54	4.73	2.16	0.53	2.16	1.15	0.00	0.60	
Butte				0.93	1.00	1.78	1.86	0.87	1.41	0.64	0.14	0.22	
Cascade				0.69	3.84	2.62	0.63	0.65	1.74	0.41	0.44	0.61	
Choteau	1.22	0.10	0.80	0.25	3.67	2.86	0.50	0.77	0.49	0.30	0.40	0.35	11.71
Cokedale	2.20	2.00	6.80	3.46	3.16	4.01	3.19	1.25	1.44	1.68	0.30	1.50	31.59
Columbia Falls						2.78	0.40	0.31	2.47	1.51	1.32	1.21	
Deer Lodge City	0.83	0.11	0.56	1.18								0.20	
Dry Fork	0.55												
Fort Custer	0.93	0.28	1.80	1.52	1.98	2.03	1.75	0.00	1.41	1.99	1.45	0.40	15.54
Fort Keogh	0.50	0.09	1.75	1.00	2.28	1.52	0.06	0.35	0.43	2.05	0.72	0.25	11.00
Fort Logan	1.30	0.20	1.26	1.55	2.04	3.93	0.51	0.30	1.28	0.98	0.65	0.30	14.30
Fort Missoula	1.96	0.22	1.33	0.61	1.43	1.88	1.02	1.39	1.32	1.56	1.16	1.06	14.94
Glasgow	0.30				1.52	1.86	T.	0.37	0.22	2.41	0.15	0.50	
Glendive	0.50	0.20	2.60	2.30	2.97	5.85	0.01	0.80	0.57	1.67	0.48	0.75	18.70
Great Falls	0.84	0.21	1.05	0.76	2.76	2.62	0.45	0.17	0.52	0.38	0.14	0.74	10.64
*Havre	0.99	0.14	0.64	2.23	2.33	2.83	0.38	0.48	1.70	1.73	0.57	0.47	14.49
*Helena	1.64	0.47	0.80	0.82	1.66	2.09	0.32	0.40	1.42	0.68	0.24	0.63	11.17
Hogan	1.81		0.91		1.35	1.65	0.07	1.85	1.62	0.40	0.09	1.10	
Kipp						2.29	1.16	0.65	1.64	1.14	0.55	1.08	

[1] William Kaucher. [2] S. M. Ruley. [3] F. M. Duenckel.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Montana—Continued.													
Martinsdale	2.36	0.30	1.71	1.36	1.64	4.72	1.70	0.82	1.26	0.91	0.55	0.58	17.91
Marysville				1.46	1.42	2.35	1.09	0.80	1.17	1.46	0.67	0.66	
*Miles City	0.73	0.07	4.03	1.44	3.52	2.14	0.27	0.40	0.72	1.86	0.45	0.23	15.86
Mingusville	1.14	T.	1.70	3.19	1.67	3.65	0.03	0.90	0.85	0.10	0.45	0.71	14.39
Musselshell	1.70	0.15	0.74										
Pony				2.84	1.18	3.20	3.66	0.70				0.07	
Powder River		T.	2.83										
Radersburg				0.31	2.10	3.35	1.29	0.15	1.05	2.05	0.15	0.38	
Red Lodge			3.48		0.46	3.45	1.31	0.12	1.16	0.46			
Red Rock	0.47	0.15											
Silver Bow					1.01	1.76							
Troy												1.57	
Utica					1.68	4.46	0.30	0.86	1.32	1.34	0.48	0.44	
Virginia City	0.45	0.28	1.13	1.94	1.01	3.49	2.81	1.31	2.73	0.85	T.	0.58	16.58
White Sulphur Springs				3.23	1.47	3.94	0.95	0.85	1.46	0.76	0.14	0.49	
Nebraska.													
Agee	0.73	0.90	1.67	2.03	0.68	0.63	1.04	0.38	1.78	2.04	0.17	T.	12.05
Ansley				1.38	0.92	2.34	1.40	0.44	1.64	1.06	T.	0.12	
Arborville	0.40	0.60	0.44	1.13	0.73	5.23	1.12	0.05	0.56	1.65	0.11	1.01	13.03
Ashland	0.26	0.72	0.62	2.01	0.92	5.03	0.61	0.12	0.52	2.52	0.25	0.72	14.30
Ashton	0.28	0.23	0.43	1.35	1.63	2.91	2.83	1.01					
Auburn										4.06	0.19	0.90	
Bassett	1.75	0.40	0.78	1.80	0.85	1.85	1.73	0.95	1.60	0.44	0.25	T.	12.40
Beatrice	0.32	1.33	0.90	1.31	1.43	7.28	1.39	0.00	3.03	2.49	0.00	0.90	20.38
Beaver City	0.25	0.76	0.26	0.72	0.10	2.54	1.92	0.42	2.98	0.93	0.00	0.60	11.48
Belvidere	0.51												
Bratton	0.41	1.36		1.61	2.24	4.49	1.06	T.	4.81	3.39	0.20	0.71	
Burchard											0.00	0.20	
Burwell	1.00	0.20	0.33	2.57	0.13	1.82	1.64	0.66	1.90	2.52	0.00	0.00	12.77
Callaway	0.20	0.15	0.80	0.81	0.18	2.74	2.38	0.40	0.40	1.00	0.00	0.00	9.06
Chadron									0.57	0.76	0.26	0.11	
Chester									1.30	1.07	T.	0.65	
Columbus	0.65	0.49		1.08	0.64	2.90		1.19	0.48	1.55	0.15	1.01	
Cornlea	0.14	0.36	1.01	3.19	2.23	1.88	1.44	0.95	0.60	1.58	0.13	1.00	14.51
Cortland									3.94	2.61	T.	0.62	
Creighton	0.60	0.20	1.46	4.34	3.65	0.94	1.59	0.53	4.16	4.50	0.12	0.33	19.62
Crete	0.07	0.88	3.19	1.40	0.75	9.53	0.61	T.	1.84	3.45	T.	0.67	22.39
Culbertson	0.10	0.30	0.28	1.09	0.00	1.92	1.75	0.70	0.13	0.40	0.02	0.12	6.81
Curtis				1.55	T.	4.10	0.95		T.	0.16	T.	0.02	
David City	0.60	0.50	0.30	1.85	1.20	6.55	1.00	0.15	0.70	1.65	T.	1.00	15.50
Elba									0.80	2.20	0.62		
Ericson	0.70	0.50	0.80	4.24	0.85	2.78	2.34	0.26	1.68	1.21	0.00	0.10	12.46
Ewing	0.69	0.20	0.57	2.67	1.14	0.92	1.78	0.85	2.20	1.87	0.08	0.11	13.08
Fairbury	0.15	1.30	2.15	1.97	1.36	6.45	2.81	0.07					
Fontanelle									1.68	3.02	0.13	1.25	
Fort Robinson	0.61	0.43	1.31	2.86	0.79	3.16	2.96	0.24	1.16	0.11	0.39	0.44	14.46
Fort Sidney	0.20	0.50	0.80	4.39	0.00								
Franklin		0.18	0.50	0.81	0.68	3.88	0.11	0.71	1.61	0.91	0.07	0.61	
Geneva	0.80	1.55	1.27	1.98	2.32	7.91	0.43	0.90	2.89	0.96	0.07	1.11	22.19
Genoa	0.59	0.54	0.60	1.93	1.86	4.80	1.00	1.04	0.46	1.48	0.10	0.97	15.37
Gering	0.29	0.47	0.70	1.68	0.16	3.18	2.67	0.70	0.90	0.14	0.49	0.40	11.78
Glenwood	0.90	0.60	0.20	1.49	1.63	1.58	1.83	0.80	0.52	1.21	0.06	1.01	11.23
Gothenburg									1.10	0.91	0.00	0.10	
Haigler	0.40	0.92	0.20	T.	T.	3.44	1.60	0.93	T.	0.18	0.10	0.02	7.76
Hartington	0.70	0.55	0.58	4.26	2.43	1.15	0.58	1.48	0.55	1.76	0.05	1.00	15.09
Harvard	0.63	1.00	0.28	1.20	1.46	3.28	0.68	1.02	2.05	1.53	0.16	0.80	14.09
Hay Springs	0.71	0.66	1.73	2.88	1.20	1.93	1.24	0.43	0.81	0.55	0.75	0.10	12.99
Hebron	0.19	0.78	0.97	1.46	1.59	6.51	1.75	0.15	1.74	1.01	T.	0.54	16.69
Holdrege	1.05	0.80	0.60	2.07						0.86	T.	0.20	
Imperial					0.20	2.40	0.10	1.84	0.20	0.57	0.05	0.20	
Indianola	0.30	0.40	0.70	0.36	T.	2.97	0.92	1.81	0.33	0.35	T.	0.60	8.74
*Kearney†	0.81	0.99	0.85										
Kennedy	0.60	0.50	2.55	2.37	0.25	4.43	1.30	2.04	0.46	0.15	0.58	T.	15.23
Kimball	1.10		1.15	2.22	0.98			0.57	0.18	T.		0.55	
La Peer										0.10			
Lexington	1.80	1.10	1.63	0.81	0.70	3.15	0.94	0.76	1.86	1.57	0.20	0.34	14.86
Lincoln	0.38	1.81	1.13	1.38	0.74	6.99	1.11	0.45	3.01	1.57	T.	0.36	18.93
Lodge Pole									0.25	0.25	0.05	0.06	
Lynch	0.46	0.25	0.67	2.58	0.46	1.41	2.09	1.40	1.29	1.96	0.12	T.	12.60
Madison										1.86	0.17	0.73	
Madrid	0.70	0.62	1.01	2.51	0.26	8.23	1.17	0.30	0.40	0.28	0.05	0.10	15.63
Marquette	0.80	0.65	0.47	2.21	1.71	2.77	1.15	0.47	0.77	1.48	0.21	1.08	13.77
Minden	0.73	1.22	0.50	1.41	1.77	5.51	1.05	0.42	2.14	0.78	0.05	0.85	16.43
Mullen	1.30	0.10	1.19	1.67	0.04	3.61	1.00	0.90					
Nebraska City	0.20	1.40	0.54	1.55	1.97	4.17	0.59	T.	6.42	4.09	0.00	0.05	20.98
Nesbit	0.60	0.10								0.50	T.		
Norfolk	0.20	T.	0.49	2.59	1.30	2.74	1.82	1.66	0.49	1.49	T.	1.00	13.80
North Loup	0.28	0.31	0.92	1.24	0.69	3.05	3.43	0.42	1.95	1.55	0.05	0.28	14.17
*North Platte	0.33	0.29	1.72	1.64	0.39	3.54	2.39	0.17	0.14	0.59	0.01	T.	11.21
Oakdale	0.49	0.30	0.58	2.57	1.13	1.14	0.78	0.92	0.89	1.75	0.10	0.87	11.52
Ogallala				0.83	0.55	2.04	0.81	0.94	0.34	0.00	T.		
*Omaha	0.51	1.30	0.91	2.31	0.61	4.74	0.61	0.36	2.48	2.94	0.11	0.94	17.82
O'Neil	0.65	0.60	1.00	2.14	0.77	1.08	0.79	0.70	1.90	1.35	0.26	T.	11.24
Ough	0.20	0.30	0.53	0.57	0.22	3.55	0.34	1.18	1.06	0.55	0.05	0.20	8.75
Palmer								0.30	0.50	1.30	T.	1.10	
*Plattsmouth	0.70	2.23	1.00	1.74	1.17	3.78	0.37	0.36	3.66	3.49	0.15	0.68	19.33
Ravenna	0.73	0.52	0.81	1.97	0.99	3.28	1.39	1.49	1.37	2.49	0.12	0.51	15.67
Red Cloud	0.20	0.51	0.33	1.04	1.61	3.97	0.40	0.07	4.59	0.72	0.05	0.94	14.43
Santee Agency	0.48	0.18	0.81	4.21	1.72	0.62	1.27	1.51	1.96	1.57	0.12	0.06	14.51

† Station closed March 31, 1894.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Nebraska—Continued.													
Seward	0.30	1.95	0.25	0.97	1.93	6.83	1.31	0.31	2.93	1.13	0.00	0.90	18.81
Springview	0.47	0.85	0.75	2.22	0.45	2.92	2.55	0.25	0.26	0.50	0.39	T.	11.11
Stanton	0.40	0.20	0.48	3.85	1.95	4.12	1.22	0.91	0.42	1.87	0.17	1.10	16.69
State Farm	0.48	1.87	1.24	.....	.....	7.02	0.49	0.23	2.63	2.52	0.02	0.52	.....
Superior	0.16	0.12	0.76	3.69	2.03	5.20	2.54	1.03	1.69	0.75	0.00	0.80	18.77
Sutton	0.74	1.40	0.64	1.65	1.57	6.52	1.30	2.57	3.23	1.32	0.00	0.76	21.70
Table Rock	0.46	1.39	0.94	1.52	2.64	5.73	0.98	0.03	3.55	.....	.....	.....	.....
Tecumseh	0.60	1.55	0.70	1.43	2.41	5.50	1.25	T.	1.30	4.62	0.11	0.83	20.30
Tekamah	.....	.....	.....	.....	.....	.....	0.90	1.38	0.85	2.30	T.	1.20	.....
Turlington	.....	.....	.....	1.35	1.88	4.88	0.59	0.44	2.86	3.33	0.22	0.72	.....
*Valentine	1.09	0.53	1.08	2.00	0.17	2.36	0.97	0.33	0.36	1.01	0.19	0.05	10.14
Wakefield	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.23	0.08	0.96	.....
Wallace	0.45	0.70	1.70	2.20	T.	2.70	2.32	0.00	0.00	0.40	T.	0.00	10.47
Weeping Water	0.68	1.58	0.39	1.97	1.37	6.97	0.46	0.53	3.53	3.54	0.03	0.51	21.56
West Point	0.17	0.40	1.00	3.10	.....	.....	0.40	.....	.....	.....	0.30	0.02	.....
Whitman	0.90	0.20	2.30	3.62	0.00	3.03	1.70	0.79	0.26	0.32	0.06	T.	13.18
Wilcox	0.14	0.63	0.47	1.81	0.72	4.06	1.37	0.54	1.78	1.35	0.02	0.91	13.80
York	0.16	1.00	1.00	2.13	1.33	4.16	1.32	0.33	1.35	1.61	0.15	0.19	14.73
Nevada.													
Arthur	.....	.....	.....	.....	0.49	2.91	1.19	0.32	0.74	.....	0.00	1.30	.....
Austin	1.39	1.89	1.63	1.82	0.85	2.44	1.27	0.50	0.33	0.00	T.	2.77	14.89
Battle Mountain	0.38	1.25	0.28	0.40	1.25	1.15	0.50	0.00	0.16	T.	0.00	1.15	6.46
Belleville	0.30	0.12	T.	0.45	0.09	0.14	0.17	0.24	0.00	0.01	0.00	.....	.....
Belmont	1.04	1.21	0.51	0.72	0.54	0.85	0.97	0.53	0.33	0.09	0.00	2.10	8.89
Beowawe	0.65	1.15	0.15	0.80	0.55	0.50	0.00	0.00	0.00	0.00	0.00	1.20	5.00
Candelaria	0.41	0.30	T.	0.61	0.75	0.18	0.53	.....	.....	.....	.....	.....	.....
Carlin	1.98	2.40	0.00	0.70	1.75	1.30	.....	0.00	0.10	T.	T.	1.91	.....
*Carson City	2.79	2.50	0.97	0.27	1.07	1.22	0.24	0.03	0.06	0.43	0.21	2.56	13.35
Carson City[1]	2.33	2.83	0.97	0.36	1.07	1.14	0.23	0.05	0.05	0.29	0.22	3.23	12.77
Clover Valley	.....	.....	.....	.....	.....	1.94	0.72	0.20	1.49	0.88	0.00	2.54	.....
Cortez	.....	.....	.....	.....	.....	.....	0.68	.....	0.87	0.10	T.	3.10	.....
Cranes Ranch	1.07	1.54	0.99	0.86	0.93	2.09	0.85	0.99	0.62	0.31	0.05	1.57	11.87
Downeyville	0.39	0.80	0.50	0.25	.....	.....	0.07	0.66	0.06	0.14	T.	0.67	.....
Edgewood	2.38	7.00	1.00	0.40	.....	.....	.....	.....	.....	.....	0.60	.....	.....
Elko	1.10	2.00	0.30	0.15	1.15	1.25	0.95	0.25	0.10	0.60	0.00	1.57	9.42
Elko (near)	2.75	1.00	.....	.....	.....	1.49	1.19	.....	0.11	.....	0.00	3.24	.....
Ely	0.65	2.50	4.30	0.70	0.80	0.11	1.65	1.15	1.65	0.05	0.00	3.15	16.71
Empire Ranch	1.05	1.89	.....	1.14	0.79	.....	3.10	0.42	0.14	0.05	0.00	0.59	.....
Eureka	1.39	2.14	1.62	0.37	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fenelon	0.30	1.20	2.00	0.05	0.00	1.85	0.00	0.00	0.50	0.50	0.00	.....	.....
Genoa	2.90	2.82	0.70	T.	0.42	.....	.....	0.20	.....	1.23	0.45	3.00	.....
Golconda	0.78	1.00	0.15	0.54	0.91	1.33	0.40	0.25	0.04	0.09	0.00	1.30	6.79
Gold Hill	1.89	2.48	0.55	0.44	0.89	1.01	0.09	0.15	T.	0.45	0.07	3.11	11.13
Halleck	1.50	1.55	1.07	0.80	0.47	2.77	0.62	0.61	0.27	0.61	0.00	2.02	12.29
Hawthorne[2]	0.70	0.40	0.12	0.08	0.16	1.24	0.86	0.33	0.00	0.00	0.00	0.46	4.35
Hawthorne[3]	0.57	0.42	0.02	0.08	0.14	1.24	0.86	0.33	0.00	0.00	0.00	0.44	4.10
Hobart Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.22	.....	.....	.....
Hot Springs	0.25	0.40	0.00	0.15	0.50	0.55	T.	0.00	0.10	0.00	0.00	0.25	2.20
Humboldt	1.90	0.50	0.00	0.15	0.00	0.65	0.00	0.00	0.15	T.	0.00	0.50	3.85
Lewers Ranch	5.53	5.39	1.80	0.56	1.86	1.17	0.40	0.09	0.14	2.51	0.36	5.28	25.09
Lovelock	0.00	0.45	0.00	0.00	0.00	.....	T.	0.00	0.00	0.00	0.00	0.10	.....
McGill	0.96	1.12	2.40	1.31	0.47	0.15	1.68	.....	.....	.....	.....	.....	.....
Marlette Lake	.....	.....	.....	.....	.....	.....	0.30	0.23	0.38	.....	0.60	8.77	.....
Osceola	0.75	2.37	2.12	0.88	1.67	0.06	1.04	0.76	0.55	T.	0.00	3.47	13.67
Palisade	2.20	2.80	1.25	0.89	1.45	0.51	1.33	0.36	0.70	0.70	0.00	2.37	14.56
Palmetto	1.10	1.00	0.60	0.55	1.42	0.13	1.07	2.36	0.60	0.40	0.00	4.00	13.23
Paradise Valley	.....	1.00	0.16	0.79	0.53	2.48	0.45	0.00	0.18	0.11	0.00	2.38	.....
Reno	0.90	1.20	T.	0.10	0.50	0.00	0.00	0.05	0.10	0.35	0.00	2.65	5.85
Reno State University	0.89	1.42	0.22	0.10	0.91	1.06	0.31	0.11	0.19	0.16	0.02	1.88	7.27
Ruby	.....	.....	.....	.....	.....	.....	1.25	0.45	0.46	0.65	0.18	1.54	.....
St. Clair	0.09	0.84	0.06	0.22	0.00	0.00	0.00	0.00	0.10	0.00	0.00	1.19	2.50
South Camp	2.70	3.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stoffel	3.81	2.70	5.28	2.08	0.87	0.95	0.83	0.56	0.49	0.81	0.15	2.87	21.40
Sunnyside	0.55	0.72	1.20	0.00	0.55	0.00	1.36	0.76	0.79	0.16	0.00	2.65	8.74
Tecoma	0.78	1.75	T.	0.10	0.35	0.27	0.30	0.20	0.10	0.33	0.00	1.30	5.48
Toano	0.80	0.80	1.27	T.	0.00	1.90	0.25	0.00	0.00	T.	0.00	3.45	8.47
Tybo	0.47	0.75	0.80	0.35	0.10	0.17	0.45	0.78	0.36	0.05	0.00	3.04	7.32
Verdi	3.50	5.42	1.50	0.45	1.30	0.86	0.00	0.10	0.00	1.60	0.10	5.70	20.53
Virginia City	3.54	5.14	1.40	0.46	1.62	3.27	0.32	0.24	0.07	1.00	0.01	2.71	19.78
Wadsworth	0.40	0.60	0.00	0.20	0.52	1.04	1.19	.....	0.25	T.	0.00	.....	.....
Wells	1.05	2.22	2.32	0.25	0.30	3.15	0.00	0.00	0.00	0.10	.....	1.65	.....
*Winnemucca	0.92	0.95	0.38	0.82	1.52	2.15	0.39	0.06	0.52	0.42	0.06	1.93	10.12
Winnemucca[2]	0.63	0.25	0.37	0.82	1.94	2.03	0.39	0.00	0.50	0.00	0.00	2.00	9.03
Yerington	.....	.....	.....	0.04	0.61	0.99	0.50	0.39	0.10	0.05	T.	1.01	.....
New Hampshire.													
Alstead	2.11	1.85	1.33	0.97	2.40	3.72	1.69	2.84	2.56	2.68	2.25	2.52	26.92
Antrim	2.50	3.31	1.18	3.52	4.56	1.60	2.83	1.10	4.12	.....	.....	.....	.....
Belmont	2.34	3.44	0.81	1.70	3.85	1.64	2.24	1.35	2.83	2.77	1.85	1.78	26.60
Berlin Mills	2.85	1.96	2.28	1.98	3.71	2.80	2.98	2.96	2.66	3.55	2.25	3.25	33.23
Bethlehem	2.71	1.87	1.50	1.22	2.37	3.45	2.64	2.12	3.42	2.40	1.77	1.84	28.01
Brookline	2.76	3.49	1.22	2.74	4.18	0.94	2.86	0.68	3.00	4.20	3.35	2.69	32.11
Concord	2.67	2.25	1.16	1.64	4.79	1.89	2.90	0.65	2.26	2.79	1.73	2.87	27.60
Dublin	2.40	2.79	0.91	3.26	4.41	3.32	5.40	2.01	5.15	3.23	3.85	3.50	40.23
Durham	2.17	2.84	0.99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Canterbury	2.58	1.14	1.95	1.55	5.09	3.01	3.68	1.88	2.93	.....	.....	.....	.....
Grafton	2.29	3.51	1.17	2.11	3.40	3.80	1.80	1.12	4.58	3.53	2.05	.....	.....
Hanover	2.16	2.02	1.10	1.71	3.38	2.12	2.26	2.18	3.56	2.82	2.46	2.45	28.22
Keene	1.91	2.20	1.21	1.68	3.48	2.49	2.56	1.05	3.55	2.18	2.04	2.77	27.12

[1] Prof. C. W. Friend. [2] Pacific Railway system. [3] E. P. Mengel.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
New Hampshire—Continued.													
Lakeport	3.55	3.22	1.63	1.63	3.96	2.47	2.35	2.58	3.25	2.76	1.95	2.11	31.46
Lancaster	2.13	1.25	1.46	2.34	2.62	4.52	2.79	2.76	1.94	2.30	1.84	3.00	28.95
Littleton	2.76	1.96	2.03	2.04	2.44	3.82	2.05	2.91	2.86	2.44	2.02	1.91	29.24
Mine Falls	2.66	1.52	1.13	2.46	4.25	0.56	2.98	0.50	3.16	3.51	2.69	2.88	28.30
Nashua	2.84	2.95	0.93	2.49	3.58	0.34	3.36	0.49	3.03	3.02	3.03	3.44	29.50
Newton	2.07	1.61	0.96	1.58	4.10	0.53	3.68	0.62	4.90	5.39	2.83	2.38	30.65
North Conway	1.20	3.00	2.43	1.10	3.95	2.35	2.53	2.35	5.00	3.54	2.20	3.60	33.35
Pennichuck Station	2.20	2.68	0.97	2.57	3.52	0.22	2.37	0.27	2.90	3.20	2.94	3.07	26.91
Peterboro	2.58	3.34	0.64	3.17	3.77	2.90	3.27	2.29	5.11	3.82	2.59	2.93	36.41
Plymouth	2.01	2.75	1.84	1.67	4.36	3.70	2.43	3.12	4.32	3.83	2.27	1.88	34.18
Sanbornton	1.82	1.62	1.17	1.69	4.58	1.83	2.68	2.42	3.45	3.05	1.27	1.83	27.41
Stratford	2.56	1.28	1.44	2.41	3.00	3.37	3.33	2.15	3.58	2.70	1.96	1.70	29.48
Weirs Bridge	3.19	4.16	2.11	1.00	4.54	2.45	2.31	3.03	2.47	2.48	1.52	1.75	31.01
West Milan	3.35	4.95	2.30	2.05	3.37	4.58	3.47	1.91	2.87	2.54	3.44	3.67	38.50
Wolfboro	2.02	2.02	1.33	1.63	4.53	2.60	2.34	4.01	3.13	2.53	1.16	1.59	28.89
New Jersey.													
Asbury Park	1.76	4.96	2.26	3.45	5.50	3.08	0.97	1.09	7.72	7.72	2.72	5.82	47.05
*Atlantic City	2.07	3.46	1.39	1.71	5.03	2.91	0.15	3.24	3.96	5.20	2.38	1.71	33.21
Barnegat Park	2.55	4.60	2.26	2.43	6.65	1.99	0.95	3.77	6.37	5.50	3.25	3.56	43.88
Bayonne	2.36	4.37	1.80	2.53	3.78	1.74	5.00	2.41	7.50	4.84	3.60	5.06	44.99
Beach Haven	.....	.....	.....	3.55	5.96	1.67	0.29	9.28	4.94	7.50	3.18	2.80	.....
Belvidere	2.40	4.66	1.17	2.73	6.65	3.57	2.27	2.64	5.47	5.03	3.32	5.55	45.46
Beverly	2.27	4.54	1.92	3.84	10.47	2.29	1.04	2.85	5.86	5.95	3.55	5.95	50.53
Billingsport	2.24	4.22	1.34	3.79	10.07	3.07	0.55	2.23	7.22	5.32	2.98	4.27	47.30
Blairstown	1.18	3.25	.....	.....	.....	.....	.....	.....	6.26	4.64	2.51	.....	.....
Boonton	2.54	3.39	1.17	2.30	4.49	2.47	0.88	.....	.....	.....	.....	.....	.....
Bridgeton	3.08	5.64	1.55	2.14	15.61	2.08	0.38	2.08	5.23	6.34	3.24	4.33	51.70
Camden	1.98	3.88	1.82	3.38	12.38	1.80	2.34	3.35	6.63	5.21	3.39	4.99	51.14
Cape May	2.12	3.51	1.36	2.99	7.78	2.93	0.83	2.14	5.27	3.90	1.77	1.64	36.24
Cape May Court House	2.52	4.33	1.19	2.64	7.04	2.44	1.98	2.42	7.86	6.53	2.15	1.97	43.07
Charlotteburg	2.16	5.04	1.69	2.46	6.03	2.32	1.09	2.65	11.40	6.15	3.46	4.23	48.68
Chester	2.47	5.46	1.61	3.80	.....	1.13	*1.58	2.46	9.82	*5.95	3.52	4.38	.....
Colesville	.....	.....	.....	.....	.....	.....	.....	.....	6.61	5.90	.....	3.78	.....
Deckertown	2.63	4.35	1.71	4.01	5.83	2.14	0.62	1.00	7.00	4.60	3.49	5.55	42.93
Dover	2.49	4.64	1.09	3.40	5.61	2.92	0.61	2.83	7.25	5.45	3.09	4.06	43.44
Egg Harbor City	2.92	5.29	1.76	3.26	10.78	1.04	0.70	4.03	7.92	6.41	2.96	3.41	50.48
Elizabeth	2.23	4.38	1.80	2.31	4.04	1.93	3.31	2.07	7.36	5.48	4.08	4.63	43.62
Franklin Furnace	2.09	5.09	1.59	2.80	5.72	1.69	1.46	1.48	6.08	4.83	3.16	3.71	39.70
Franklinville	2.67	4.94	1.99	3.94	12.63	3.58	2.01	3.53	5.04	7.04	3.40	5.18	55.95
Freehold	2.53	3.45	2.15	3.92	7.02	3.59	2.61	2.34	6.19	6.41	4.08	4.90	49.19
Friesburg	2.51	4.16	1.75	2.94	12.14	3.83	0.76	3.50	5.73	5.60	2.99	4.26	50.17
Gillette	2.32	4.51	2.39	2.26	5.93	2.11	1.56	1.60	7.25	4.30	3.58	3.73	41.54
Hammonton	.....	4.82	2.41	4.25	13.58	2.21	.....	4.49	6.57	6.25	2.65	3.57	.....
Hanover	2.04	4.29	1.61	2.76	4.56	1.46	1.35	2.25	9.77	5.27	3.47	4.54	43.37
Hightstown	2.97	3.57	2.21	4.86	8.55	1.95	1.72	2.56	7.66	5.20	4.07	4.64	49.96
Imlaystown	2.19	3.93	2.05	4.23	8.12	2.51	1.69	2.23	8.74	6.29	3.82	3.86	49.66
Junction	1.96	3.82	1.23	2.70	8.05	1.17	2.19	2.26	8.84	5.15	2.66	3.77	43.80
Lambertville	1.58	4.22	1.57	2.24	10.91	2.23	2.43	1.12	6.97	3.93	2.50	4.39	44.09
Millville	2.55	4.27	1.69	1.82	12.16	0.99	0.86	3.02	6.39	5.30	2.43	3.08	44.56
Moorestown	2.32	3.93	2.14	3.54	12.88	1.69	2.05	2.96	7.57	6.86	3.86	5.88	55.68
Newark[1]	2.19	4.71	1.89	2.23	3.57	1.29	1.86	1.47	6.96	4.55	.....	4.09	.....
Newark[2]	1.92	4.50	1.94	2.62	4.15	1.51	2.60	2.05	5.81	5.21	3.68	4.61	40.60
*New Brunswick	2.22	3.86	1.74	2.87	6.23	2.23	2.43	1.87	11.03	4.87	3.35	4.61	47.31
New Brunswick[3]	2.06	3.99	1.59	3.41	6.57	2.25	2.50	1.96	10.85	5.36	3.55	3.86	47.95
New Brunswick[4]	2.22	3.89	1.59	2.37	6.56	2.43	2.68	1.89	11.13	4.65	3.57	4.74	47.72
Newton	2.15	6.17	1.37	3.06	5.09	1.81	1.40	1.04	6.85	4.95	3.09	5.39	42.37
Ocean City	2.77	3.29	1.42	3.07	9.24	2.90	0.41	3.27	5.42	6.81	2.35	2.66	43.61
Oceanic	2.24	4.67	2.21	3.91	5.67	4.40	2.16	2.02	8.59	7.18	3.83	6.04	52.92
Papakating	.....	.....	.....	.....	5.30	1.23	0.29	0.15	7.12	3.95	.....	3.86	.....
Paterson	2.78	4.78	1.65	2.52	3.76	1.94	1.55	2.15	10.41	5.38	3.88	4.49	45.29
Pensauken	1.58	3.40	2.11	2.29	11.11	1.95	4.20	3.92	6.73	4.90	3.31	4.78	50.28
Perth Amboy	2.04	2.99	.....	.....	4.26	.....	.....	.....	.....	5.32	3.96	5.02	.....
Plainfield	2.44	4.62	2.54	3.18	5.63	5.90	1.41	1.93	9.42	5.50	3.38	4.64	50.59
Rancocas	1.98	4.00	1.60	2.86	10.66	1.46	3.30	3.12	6.43	6.12	3.19	5.25	49.97
Ringoes	.....	.....	.....	.....	10.54	2.33	2.28	1.93	5.61	5.89	.....	4.20	.....
River Vale	2.00	5.85	1.67	2.61	4.08	1.17	1.84	3.93	7.27	6.06	4.93	3.59	45.00
Salem	2.53	4.43	1.70	4.05	13.46	.....	.....	3.50	5.93	.....	.....	3.96	.....
Somerville	2.09	4.32	2.08	3.02	8.66	2.66	1.08	2.31	7.15	4.66	3.17	3.75	44.95
South Orange	2.11	5.23	1.73	2.32	4.20	1.70	1.10	1.48	8.10	5.28	3.78	4.98	42.01
Tenafly	3.80	5.30	1.59	2.89	4.01	1.27	2.61	3.17	10.23	6.72	5.12	4.77	51.48
Toms River	3.30	5.62	2.65	4.12	8.60	3.05	1.13	2.17	5.47	8.23	3.53	6.39	54.26
Trenton	1.75	3.30	1.56	2.92	10.75	2.59	2.54	2.76	6.93	5.13	3.77	4.52	48.52
Vineland	2.43	5.21	1.81	3.52	13.39	3.50	0.32	3.89	8.39	6.43	2.72	3.58	55.19
Whiting	2.68	3.53	2.53	4.03	9.60	2.39	2.24	2.16	4.97	7.12	2.92	4.15	48.32
Woodbine	3.03	4.36	1.22	2.78	8.89	2.17	0.29	2.20	11.65	6.83	3.03	2.53	48.88
New Mexico.													
Albert	0.00	0.65	0.00	0.92	3.41	3.57	1.38	2.91	2.49	T.	0.00	T.	15.33
Albuquerque	0.01	0.31	0.18	0.60	0.80	0.03	0.42	2.25	0.32	0.49	T.	0.31	5.72
Alma	.....	.....	0.77	T.	0.32	0.00	1.42	2.71	0.53	2.01	0.00	1.24	.....
Bloomfield	0.15	0.95	.....	0.03	0.15	T.	0.01	1.78	1.18	.....	0.00	0.40	.....
Chama	1.60	2.70	2.60	0.98	0.55	0.03	1.12	4.10	2.30	0.90	0.10	3.20	20.18
Ciruella	.....	.....	.....	.....	.....	1.32	2.76	4.23	2.50	0.01	T.	0.07	.....
Coolidge	0.30	1.20	0.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Deming	0.05	0.60	0.45	0.00	0.00	0.00	0.65	0.95	T.	0.45	0.00	0.36	3.57
East Las Vegas	0.10	1.66	0.04	0.54	2.53	2.82	2.89	4.05	1.22	0.08	0.00	0.28	16.21
Eddy	.....	.....	.....	.....	0.13	2.46	1.02	6.57	1.38	T.	0.00	0.20	.....
Estalina Springs	0.44	0.69	0.59	0.65	0.16	0.10	2.10	4.62	0.11	0.61	0.00	0.78	10.88
Folsom	*0.00	*1.20	0.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] F. W. Record. [2] G. C. Senn. [3] C. V. Meyers. [4] Mrs. G. H. Cook.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
New Mexico—Continued.													
Fort Bayard	0.00	1.04	0.05	0.00	0.00	0.00	1.99	3.29	0.10	1.40	0.00	0.80	8.67
Fort Stanton	0.00	0.61	0.27	0.96	1.02	1.07	1.35	4.88	0.15	1.46	T.	0.37	12.14
Fort Wingate	0.55	1.85	1.30	0.80	0.02	0.00	1.91	3.33	1.13	1.27	0.00	2.32	14.48
Fresnal											0.00	0.46	
Galisteo	0.30	0.50	T.	1.10	0.81	0.49	1.86	5.57	0.00	0.55	0.00	0.53	11.71
Galinas Spring	0.10	1.10	T.	0.89	1.81	2.46	1.02	2.84	1.36	0.23	0.00	0.20	12.01
Gila						T.	1.15	1.93	0.23	1.44	0.00	1.53	
Halls Peak	T.	1.55	0.12	0.20	2.63	4.10	3.18	3.36	2.13	0.47	0.09	0.23	18.06
La Luz	0.15	0.70	0.77	0.01	0.02	0.15	0.88	2.45					
Las Cruces	0.08	1.66	0.26	0.02	T.	T.	0.62	4.15	0.18	0.47	0.00	0.73	8.17
Lordsburg	0.70	0.50		0.00	0.00	0.00	0.89	4.30	0.10	0.90	0.00	T.	
Los Lunas	0.00	0.75	0.25	0.40	0.95	T.	T.	1.45	0.25	0.40	0.00	0.10	4.55
Monero	0.94	0.98	0.74	1.35	0.68	T.	1.84	2.87	0.92	0.86	T.	2.44	13.62
Olio	0.00	0.78	0.47	0.19	0.45	0.00	0.22		0.54	0.56	0.00		
Pecos								3.10	0.61	0.74	0.18	1.87	
Pojuaque		1.03	0.41					0.93		0.59	0.00		
Raton			0.27	0.78	3.05							0.28	
Rincon			0.20	T.	0.10	T.	1.45	1.84		0.29	0.00	0.52	
Roswell						1.33	0.48	2.49	0.57	0.04	0.00	0.50	
San Marcial		[h] 0.26	0.29	0.15	0.16	0.00	0.26	1.38	0.19	0.47	0.00	[f] 0.14	
*Santa Fe	0.23	1.11	0.41	1.48	1.99	0.77	2.17	1.95	0.87	1.05	T.	1.28	13.31
Socorro	0.14	0.29	0.55	0.25	0.20	T.	0.29	2.58	0.16				
Springer			0.05	0.06	0.76	0.33	0.17	2.10	0.20	T.	0.00	T.	
Sulphur Hot Springs			0.78	1.58	1.98	0.00	1.57	6.45	2.28	1.00	T.		
Taos	0.78	0.79	0.91	0.67	1.39	0.15	1.17	2.11	1.87	0.93			
New York.													
Adams Center								0.51	5.96	8.34			
Addison	1.94	1.89	1.06	6.60	9.70	1.82	2.06	1.44	5.62	4.03	1.42	2.93	40.51
Akron		3.36	1.64	3.43	6.82		2.13	0.47	0.96	4.67	1.57	1.73	
*Albany	2.54	2.61	0.85	2.02	4.64	3.29	2.96	2.26	4.18	4.62	1.96	3.18	35.11
Alfred Center	3.02	2.81	1.35	8.09	7.91	2.14	2.96	0.56	6.88	3.64	1.37	3.02	43.75
Angelica	3.02	2.81	1.78	7.77	8.82	2.02	4.14	2.26	7.14	3.37	1.70	2.23	47.03
Arcade	3.12	2.50	1.83	6.02	10.05	5.35	2.70	1.57	5.54	4.22	1.83	1.65	46.38
Atlanta	2.10	1.75	1.14	5.90	8.44	3.14	2.95	1.90	6.21	4.30	0.91	2.46	41.20
Baldwinsville	3.07	3.77	2.18	2.20	5.96	5.52	2.97	1.64	4.88	4.17	3.12	2.62	42.10
Bedford	3.35	5.46	1.27	3.61	5.36	2.07	1.32	1.53	6.34	5.14	4.18	3.86	43.49
Binghamton	2.18	2.98	1.51	3.53	5.34	1.97	2.88	1.47	4.98	5.62	1.98	3.31	37.75
Bolivar	3.68	2.02	1.78							3.72			
Boonville	3.73		1.70								3.21	0.93	
Bovina Center	5.48	3.40	4.48	0.96	7.79	6.32	5.25	1.59	3.21	5.74	1.80	3.10	49.12
Boyds Corners								1.45					
Brentwood	3.91	4.22	2.75	3.70	4.75	1.70	2.30	2.00			6.05		
Brookfield	3.69	4.05	2.65	2.18	6.50	2.20	0.94	1.02	3.56	3.08	1.95	1.90	33.72
Brooklyn											4.24	5.20	
*Buffalo	2.77	3.84	1.73	3.69	6.08	3.45	1.81	0.56	5.59	5.09	1.82	2.49	38.92
Canton				1.59	4.11	2.20	2.92	0.85	3.36	4.23	2.75	2.35	
Carmel								2.53					
Chenango Forks				3.05	4.88								
Cherry Creek	4.15	3.19	2.47	3.66		6.26	1.71	0.98	6.60	5.36	3.51	2.72	
Cooperstown	2.84	2.09	1.92	2.54	5.20	2.62	3.41	1.88	5.55	4.73	2.72	2.33	37.92
Cortland	2.75	2.01	1.59	2.75	6.31	4.60	2.53	1.45	4.44	4.30	1.98	1.70	36.50
De Kalb Junction	2.95	1.56	2.39	1.37	4.24	2.28	3.41	0.91	3.60	3.47	2.59	1.90	30.67
Dempster	3.55	3.16	1.93	1.95	7.64	4.16	2.60	0.94	3.86	5.21	3.75	2.48	41.23
Deposit	1.35									4.35	1.95	2.35	
Dunkirk							0.89	1.00		4.60	1.07		
Eden	4.65	3.80	2.83	6.32	12.02	5.12	2.20	1.45	9.35	5.15	3.40	5.60	61.89
Ellis	2.15	1.03	1.12	4.78	8.60	3.87	2.98	1.44	5.63	6.08			
Elmira	2.73	1.89	1.05	4.42	7.65	1.94	1.62	1.23	5.16	4.21	1.28	2.89	36.07
Fleming	1.80		1.15		5.07	5.23	2.82	2.06	5.77	5.04	1.28	2.87	
Fort Niagara	1.70	1.25	0.88	1.53	7.31	1.44	6.00	0.64	4.75	1.84	1.36	2.09	30.79
Friendship	4.26	3.17	1.73	5.81	9.19	3.37	3.99	2.41	6.89	3.50	1.92	2.15	48.39
Glens Falls			1.60		3.92	3.26	1.71	2.43	3.71	4.59	3.25	3.78	
Gloversville	3.27	3.19	2.38	2.74	7.48	4.95	3.06	1.64	3.73	4.93	3.14	3.04	43.55
Hamilton				1.48	5.09	2.30	2.45	1.90	4.81	4.46	2.32	1.18	
Hess Road Station	1.72	1.27	1.43	1.34	5.83	1.55	3.81	0.68	4.06	1.90	1.08	2.35	27.02
Honeymead Brook	2.23	3.14	1.59	2.86	5.85	2.53	2.56	0.96	3.87	4.06	2.66	4.63	36.94
Humphrey	4.41	1.83	2.27	4.53	9.50	4.43	2.45	2.50	8.84	3.37	1.64	1.89	47.66
Hyndsville				2.21	6.45	4.13	2.00	0.89	2.77	4.09			
Ithaca	2.78	2.31	1.28	4.84	7.34	3.40	3.17	0.59	5.17	4.94	1.94	2.39	40.15
Kings Station	3.06	3.15	2.17	1.87	5.26	5.11	3.63	3.14	2.82	4.72	2.74	3.06	40.73
Lebanon Springs	3.43	3.06	0.96	1.49	5.22	1.35	3.40	0.78	6.23	4.37	3.02	3.30	36.61
Le Roy	4.91	6.66	2.32	4.96	6.94	3.41	2.22	0.96	2.72	3.62	2.18	3.34	44.24
Lockport	3.13	2.51	2.41	2.25	7.98	3.89	3.19	0.66	5.12	3.35	1.34	2.13	37.96
Lowville	3.51	3.43	1.72	2.26	4.35	2.75	1.34	1.66	3.84	5.28	2.60	2.70	35.44
Lyons	2.45	2.55	2.03	2.07	5.31	2.35	2.11	2.23	4.15	2.91	2.07	2.76	32.99
Madison Barracks	3.16	2.62	2.17	1.52	4.96	3.02	2.02	0.53	4.22	4.71	2.01	2.27	33.21
Malone	2.48	2.20	2.98	1.15	2.85	4.76	4.87	1.05	5.57	3.43	2.70	3.13	37.17
Marlboro										6.49	3.15	4.48	
Massena								[g] 0.65	3.80	4.17	1.92		
Middletown	2.08	3.96	1.58	2.97	5.33	3.56	4.67			5.58		2.46	
Minnewaska	1.96	3.10	1.65	3.40	5.85	1.01	3.11	1.67	7.72	6.90	2.50	5.05	44.12
Mount Morris	2.58	2.78	1.97	4.13	6.27	2.08	1.51	2.27	4.28	2.57	0.54		
Nashville				3.40									
Newark Valley	2.45	2.80	1.52		6.50	4.34	3.01	2.21	5.05	6.42	2.23	2.09	
New Lisbon	2.13	1.75	1.40	1.50	4.82	3.88	2.13	2.04	5.74	4.67	2.00	1.92	33.98
*New York	2.70	5.15	1.69	2.51	3.90	0.86	2.89	1.54	8.04	5.83	3.83	5.23	44.17
North Hammond	2.80	0.92	2.68	1.31	4.07	3.35	3.88	1.08	2.92	5.31	2.01		
Number Four	3.87	3.43	3.40	1.89	4.40	4.60	2.55	1.09	5.57	6.70	2.70	3.10	43.30
Ogdensburg	5.05			0.94	3.18	1.43	1.43	0.36	3.40	3.49	2.69		
Oneonta									4.67	5.22	1.91	4.23	

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
New York—Continued.													
*Oswego	3.24	3.92	1.95	1.94	4.66	3.70	1.86	0.90	3.45	4.20	3.48	3.14	36.44
Oxford	2.85	2.46	1.86	2.79	5.03	4.02	2.73	2.36	6.11	5.97	2.58	2.60	41.36
Palermo	3.40	3.14	1.80	1.75	6.04	3.56	1.85	1.55	3.44	4.41	4.14	2.27	37.35
Penn Yan											2.91		
Perry City	3.13	2.54	0.99	6.10	6.55	4.05	2.86	1.38	5.46	4.33	2.10	3.06	42.55
Phœnix	2.31	2.38	1.89	1.71	4.59	5.22	2.13	1.87	4.47	3.92	3.91	3.49	37.89
Pine City	2.19	2.70	1.03	5.09	8.00	2.27	1.72	0.88	4.57	3.20	2.37	2.40	36.42
Plattsburg Barracks	2.04	1.37	1.91	1.14	4.14	3.52	2.52	0.89	2.79	3.03	2.82	2.55	28.72
Port Jervis	2.47	4.03	1.57	3.29	6.68	1.95	1.83	1.57	6.02	6.06	3.34	6.05	44.86
Potsdam	2.10	1.70	1.72	0.67	3.49	3.66		0.70	3.34	3.67	1.78	2.55	
Poughkeepsie	2.38	3.05	1.21	1.32	5.12	1.74	2.81	1.04	4.52	5.99	2.89	4.12	36.16
*Rochester	3.27	3.41	1.84	2.03	6.87	3.43	2.92	0.70	2.63	2.86	1.65	3.50	35.11
Rome	3.77			2.39	5.01	5.98	2.01	2.40	6.07	4.65	1.78	2.75	
Romulus	1.94	2.64	0.58	4.57	6.01	2.93	2.90	2.34	4.92	3.92	1.44	2.73	36.92
Rondout	1.50	3.91	1.70	3.00	4.01					6.27			
Saranac Lake	2.77	1.96	2.04	0.75	4.41	5.06	3.44	1.58	3.58	4.10	2.75	2.27	34.71
Scottsville				3.45	6.50	2.05	3.35	3.33	3.36	3.28			
Setauket	3.63	4.40	1.34	3.11	4.40	1.17	0.63	2.61	5.26	8.86	6.02	4.60	46.03
Sherwood					8.13	3.65	2.13	2.95	6.40	4.43			
Skaneateles									5.68	3.79	1.72	2.16	
South Canisteo	3.41	3.21	1.64	7.80	11.46	3.51	3.34	2.71	7.12	4.40	2.13	3.41	54.14
Southeast Reservoir								5.70					
South Kortright	2.28	1.19	1.25	2.25	6.67	4.16	4.10	0.84	3.08	4.04	2.30	3.08	35.24
Stillwater	3.23	2.97	1.80	1.73	5.08	1.85	2.26	1.73	3.16	5.79	1.68	2.71	33.49
Trumansburg					6.76	3.83	2.34	1.40	4.17				
Turin	3.81	3.79	2.76	2.58	5.79	4.70	2.59	1.54	4.51	6.36	3.38	3.24	45.05
Varysburg	3.19	3.55	2.12	4.34	8.32	5.73	2.46	0.85	3.68	4.62	1.82	2.06	42.74
Wappingers Falls	2.45	3.43	1.57	2.68	5.84	1.01	1.46	1.17	4.65	5.98	3.27	4.61	38.12
Warwick	3.79	3.34	0.87	4.31	5.40	1.92	1.39	0.83	10.11	5.16	2.73	4.40	44.25
Watertown	3.92	2.23				4.77	2.65	0.48	4.87	6.36	2.30	2.53	
Watkins					7.56	2.30							
Waverly	2.39	2.64	1.35	4.63	6.96	1.92	2.19	2.55	5.34	5.55	1.95	2.56	40.03
Wedgewood	3.10	3.09	1.00	6.67	8.01	2.59	2.49	1.41	5.91	4.22	1.86	3.15	43.50
West Chazy	3.66	1.40	1.27	0.65	4.76	4.35	4.37	1.12	2.79	3.24	2.03	3.69	33.33
West Point	3.15	3.94	1.33	2.86	4.45	2.08	1.04	1.86	6.30	6.25	4.08	2.92	40.26
Willets Point	3.03	6.00	2.03	1.90	6.47	1.78	4.66	0.21	8.98	6.74	5.54	5.19	52.53
North Carolina.													
*Asheville	2.44	3.81	1.56	1.21	3.19	2.99	4.94	3.71	3.08	2.68	0.54	4.10	34.25
Auburn	4.28	3.49	1.82	1.26	4.58	1.69	5.34	7.72	6.53	0.52	1.26		
Bailey	2.86	5.52	0.86	1.83	2.71	2.44	3.33	4.21	2.27	5.74	1.60	4.04	37.41
Bakersville	3.57	5.75	1.95	1.88	3.96	3.97	6.04	7.38	4.07	1.98	0.39	4.58	45.52
Blowing Rock	3.81	5.18	1.19	0.81	3.33	2.30	4.75	2.63	3.73	3.96	1.22	5.25	38.16
*Bryson City	3.70	5.87	2.41	3.13	2.85	3.19	3.82	3.02	2.90	2.50	0.26	5.93	39.58
*Charlotte	3.23	4.54	1.04	2.43	2.27	3.68	4.99	3.03	5.60	6.12	1.71	4.30	42.94
*Chapel Hill	4.30	3.65	1.78	2.04	4.03	1.76	5.80	6.21	7.93	6.84	1.85	2.33	48.52
Columbus	3.10	5.78	1.39	1.24	3.31	3.28							
*Currituck Inlet	5.86	6.11	2.99	2.05	4.53	3.77	6.02	[4]5.80	5.07	4.60	2.20	2.60	51.60
Erie Mills					4.59	1.66	6.31						
Experimental farm	4.52	3.96	1.79	1.75	4.61	2.02	5.69	5.79	5.94	6.43	1.51	2.50	46.51
Fair Bluff	3.75	4.17	2.77	1.69	4.92	1.95	8.80	7.82	7.13	9.28	1.50	1.56	55.34
*Falkland	4.56	5.42	4.77	1.14	3.44	3.10	9.87	10.25	4.80	7.49	1.51	2.01	67.36
*Fayetteville	4.58	3.47	2.10	1.30	5.31	2.12	4.26	13.45	6.68	9.16	1.51	1.84	55.78
Flat Rock	3.96	6.54		2.75	5.27	3.84	4.15	6.82	3.36	4.27	0.47	9.96	
Forest Hill	1.45		2.42	1.10		5.03	4.26						
*Goldsboro					3.32	1.07	7.20	9.05	6.06	7.00	0.91		
*Greensboro					6.32	4.35	5.07	2.48	5.04	5.37	2.87	2.41	
Greenville	4.13	3.68	2.73	0.63	4.14		6.21	11.40	4.47	6.44	1.10	1.43	
*Hatteras	4.45	4.97	3.12	1.32	4.52	1.38	9.65	7.35	7.73	5.77	3.02	4.57	57.85
Henderson	4.15	6.52	1.90	2.68	5.08	2.42	3.77	4.78	5.55	6.90	1.46	3.10	48.31
Highlands	5.70	9.64	2.99	2.90	4.50	5.42	7.00	7.09	2.81	3.21	0.60	8.52	60.68
Horse Cove	6.00	7.95	3.15	2.65	4.56	5.60	7.05	8.56	5.66	3.38	0.75	8.35	63.66
*Kittyhawk	3.43	2.81	2.51	1.61	4.94	2.32	9.24	8.03	6.69	4.88	1.81	2.74	51.01
Lenoir	2.61	5.66	1.16	1.99	3.53	3.95	4.97	4.50	3.66	5.38	0.64	6.21	44.26
Lewiston			2.81	1.69									
Lilesville							11.19	7.96	7.45	5.45			
Lillington	3.66	3.69	1.95										
Littleton	4.12	4.79	2.03	2.48	4.02	2.51	2.46	4.00	4.21	5.89	0.86	2.43	39.80
Louisburg	3.55	4.28	1.95	2.86	3.83		6.12	4.81	4.46	5.96	1.03	2.84	
*Lumberton				1.47	3.80	2.93	8.60	9.39	7.26	7.50	1.24	2.20	
Lynn		5.54	2.01	1.85	4.34	4.01	2.89	3.73	4.07	4.32	0.92	8.86	
Marion	2.33		0.67	1.23	2.12	1.94					0.40	6.86	
May	4.07	4.00	1.97										
Mocksville	2.87	4.66	1.26	1.82	2.79	1.83	3.29	5.04	2.89	5.64	1.46	4.32	37.87
*Moncure				1.24	5.32	1.39	6.47	5.00	3.95	6.13	1.99	2.69	
Morganton	3.71	5.00	0.85	2.15	3.10	2.07	3.08	2.13	4.78	5.65	0.55	4.75	37.32
Mount Airy	2.78	4.87	0.86	2.15	2.22	2.01	3.36	0.83	1.07	3.27	1.12	3.85	28.39
Mount Pleasant	3.67	3.17	1.63	1.47	3.68	2.52	5.07	2.95	5.12	7.80	1.84	4.40	43.32
*Murphy	4.05	6.40	3.03	3.10	2.49	7.71	3.65	3.29	1.38	2.49	0.74	7.31	45.64
*Newbern	3.93	4.08	3.15	0.66	5.08	1.20	9.00	7.21	5.10	4.66	2.70	1.50	48.27
*Oak Ridge	3.10	4.67	0.78	1.84	3.92	2.45	6.64	1.45	4.68	5.09	0.93	3.25	38.80
Pantego							6.51	14.99	3.15	6.61		1.02	
Pittsboro	4.95	3.50	1.19	1.43	5.42	2.11	7.10	5.72	6.43	7.19	1.63	3.54	50.21
*Raleigh	4.66	3.83	2.14	1.74	7.51	1.75	6.33	6.15	5.00	7.08	1.59	2.46	50.24
Raleigh[1]	4.45		2.30	1.40	6.50	1.30	5.85	5.95	4.30	6.05	1.50		
Rockingham	3.42	2.60	1.25	0.90	4.26	3.60	7.76	8.88	6.55	6.45	2.45	2.95	51.07
Roxboro	4.39	4.63	2.07	2.06	5.20	1.72	6.91	4.74	6.79	5.29	2.44	2.69	48.93
Rutherford College	3.59	5.71	1.18	2.30	3.92								
Salisbury[2]	3.65	4.35	1.32	1.62	3.21	1.84	5.74	3.75	2.97	7.50	1.48	3.87	41.30
Salisbury[3]	2.94	3.66	1.19	1.67									

[1] T. C. Harris. [2] J. A. Hedrick. [3] Special rainfall observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
North Carolina—Continued.													
Saxon	3.34	5.87	0.97	2.20	3.10	1.40	1.18	2.98	2.06	3.89	1.29	3.20	31.44
Selma	2.20	3.56	2.95	1.10	5.34	0.70	10.19	13.71	7.53	6.40	1.10	1.80	56.58
Shelby	4.62	4.80	.....	1.40	2.16	1.37	2.77	4.62	3.26	.....	0.70	6.50	.....
Skyuka	.....	.....	.....	.....	.....	.....	2.07	3.91	4.27	4.77	0.64	8.09	.....
Sloan	4.79	4.86	4.33	0.65	3.49	5.25	8.43	11.54	6.08	7.98	2.57	1.42	61.39
Smithfield	[1]2.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soapstone Mount	3.90	4.01	1.76	1.53	2.56	1.71	4.91	2.59	5.09	7.36	2.18	3.22	40.82
Southern Pines	3.33	2.74	1.44	1.90	2.94	2.85	10.48	7.13	5.75	6.97	1.07	2.40	49.00
*Southport	4.31	6.02	2.33	0.84	1.90	3.84	7.33	4.84	†9.54	.....	.....	.....	.....
Southport[1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.59	0.72	.....
Stem	.....	.....	.....	.....	.....	1.17	.....	.....	.....	.....	.....	.....	.....
Tarboro	4.93	4.80	2.64	1.30	3.70	3.72	9.14	13.32	5.43	6.96	1.66	2.39	59.96
Washington	3.72	5.24	3.01	1.37	5.92	.....	11.61	.....	.....	.....	.....	.....	.....
Waynesville	.....	.....	.....	.....	3.58	3.17	3.84	4.37	1.88	2.63	0.29	5.29	.....
*Weldon	4.65	4.67	2.13	2.79	4.13	2.06	3.97	5.70	4.72	6.87	1.23	2.72	45.64
Willeyton	4.39	4.48	1.76	1.98	2.79	2.74	5.60	7.84	3.02	7.97	1.37	2.38	46.32
*Wilmington	3.70	3.53	2.27	0.78	4.86	3.06	9.08	4.23	6.34	4.58	1.97	0.78	45.18
North Dakota.													
Ashley	0.80	0.10	1.55	2.42	0.76	4.83	2.58	0.97	1.85	2.52	0.35	T.	18.78
Berlin	0.45	T.	1.95	3.91	0.71	5.46	1.84	0.66	1.00	1.48	0.15	0.27	17.88
*Bismarck	0.20	0.04	2.27	3.40	0.77	1.76	0.30	0.42	3.83	0.87	0.40	0.06	14.32
Bottineau	0.11	0.02	.....	2.00	0.63	1.21	0.20	0.60	2.89	2.45	0.74	0.12	.....
Churchs Ferry	0.42	0.20	1.82	1.63	1.75	3.42	0.54	0.21	2.07	2.16	0.63	1.28	16.13
Devils Lake	.....	0.35	0.95	3.78	1.81	5.65	0.53	.....	.....	.....	.....	.....	.....
Dickinson	0.12	T.	0.94	2.40	0.90	.....	.....	0.95	0.90	0.58	T.	T.	.....
Ellendale	.....	.....	.....	.....	.....	.....	.....	1.42	0.07	1.87	0.59	0.02	.....
Fargo	0.09	0.09	1.29	3.35	2.62	6.23	0.80	1.17	0.56	2.11	0.19	0.00	18.50
Forman	0.58	0.33	1.88	7.48	0.87	2.92	0.59	2.29	0.19	1.57	0.46	0.19	19.35
Fort Berthold	0.30	0.27	3.05	3.24	3.00	2.15	0.20	0.44	0.96	1.52	0.20	0.03	15.36
Fort Stevenson	0.30	0.35	1.98	2.86	1.70	2.12	0.12	2.27	.....	.....	.....	.....	.....
Fort Yates	0.48	0.00	2.13	3.51	0.80	2.10	0.38	1.20	.....	1.04	0.47	T.	.....
Gallatin	0.06	0.15	1.00	3.88	1.42	2.66	0.76	1.33	1.67	1.85	0.62	0.29	15.69
Grafton	0.65	0.55	1.05	2.28	1.25	2.10	0.20	0.20	1.35	0.60	0.50	0.30	11.03
Jamestown	0.34	0.15	0.81	2.48	0.87	4.93	0.50	1.76	0.34	0.99	0.18	1.20	14.55
Kelso	0.35	0.20	1.20	2.79	1.73	3.46	2.12	2.71	0.86	1.84	1.30	0.20	18.76
Lacota	.....	.....	.....	3.38	1.31	3.90	0.52	1.49	1.21	2.11	0.75	0.38	.....
Larimore	0.20	.....	0.80	2.71	1.37	.....	.....	.....	[f]0.81	2.70	0.13	.....	.....
Lemert	0.25	0.01	0.72	2.86	2.95	3.34	0.72	.....	.....	0.50	0.65	0.16	.....
McKinney	0.70	0.10	1.42	1.94	1.46	4.71	0.31	0.29	2.40	0.35	0.19	0.02	13.89
Milton	1.30	.....	1.50	4.30	2.10	4.28	.....	0.70	1.40	2.10	0.40	0.40	.....
Minto	0.25	0.29	0.77	2.85	0.96	1.75	0.67	0.62	1.24	2.36	0.59	0.36	12.71
Napoleon	0.79	0.45	1.25	2.98	1.23	3.25	0.59	1.44	1.59	1.62	0.80	0.30	16.29
New England	.....	.....	.....	.....	1.74	3.10	0.45	.....	.....	.....	.....	0.20	.....
New Salem	.....	.....	0.45	2.20	1.75	1.96	1.19	0.30	1.63	0.65	.....	.....	.....
Oakdale	0.15	0.20	2.55	2.35	2.84	4.48	T.	1.39	0.97	0.82	0.21	0.40	16.36
Portal	0.51	0.20	0.50	2.50	1.55	3.98	0.35	1.40	2.03	0.35	0.25	0.08	13.70
Power	0.60	0.75	1.47	2.75	1.96	3.51	0.58	0.45	0.36	3.02	0.10	0.58	16.13
St. John	1.19	0.80	2.59	3.11	1.17	2.50	0.21	0.59	1.88	2.33	0.77	0.50	17.64
Sheyenne	0.20	.....	.....	*2.70	2.00	3.00	.....	.....	.....	.....	.....	0.11	.....
Steele	.....	.....	.....	.....	1.10	1.42	0.19	0.60	0.62	1.14	0.43	0.04	.....
University	0.61	0.38	0.84	4.38	0.87	3.75	0.90	1.74	1.20	3.05	0.38	0.60	18.70
Valley City	0.10	0.27	0.90	3.07	1.82	.....	.....	.....	.....	2.15	0.15	0.33	.....
Wahpeton	0.35	T.	1.87	3.41	0.97	2.63	0.22	1.97	0.77	2.03	0.22	0.40	14.84
Washburn	0.09	0.04	3.52	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....
White Earth	.....	.....	.....	.....	.....	.....	.....	1.50	1.91	0.61	0.20	0.35	.....
Wild Rice	0.40	0.30	1.84	4.06	1.82	4.84	0.94	1.59	0.74	3.17	0.55	0.73	20.98
Williamsport	.....	.....	.....	2.46	0.59	1.07	0.55	.....	.....	.....	.....	.....	.....
*Williston	0.88	0.20	2.23	2.07	3.15	4.68	0.02	0.73	1.50	1.05	0.85	0.40	17.76
Willow City	.....	T.	1.20	2.66	0.24	1.59	0.94	0.17	.....	.....	.....	.....	.....
Woodbridge	0.34	0.07	0.60	2.77	0.72	3.47	0.37	0.34	5.47	1.76	0.56	0.48	16.95
Ohio.													
Akron	2.30	3.25	2.23	2.82	4.52	1.97	1.14	0.28	5.28	2.15	2.53	2.68	31.15
Annapolis	1.84	2.84	1.76	2.79	4.51	1.79	1.71	0.83	2.16	2.28	2.07	3.62	27.68
Arcanum	1.41	3.67	2.85	1.60	4.14	1.76	0.22	2.00	2.27	2.09	3.67	2.46	27.54
Ashland	2.43	2.75	1.84	2.55	4.90	2.12	1.00	0.29	2.24	1.74	2.76	2.35	26.97
Athens	2.70	3.90	2.49	3.17	3.71	4.16	1.38	[d]1.78	[d]1.27	1.55	3.19	3.65	32.86
Atwater	.....	.....	.....	.....	4.33	1.39	3.21	0.15	4.16	1.86	3.05	2.67	.....
Auburn	2.43	3.13	2.19	3.28	4.28	2.76	2.12	0.12	4.60	1.49	2.73	3.25	32.38
Bangorville	2.69	2.81	3.54	1.84	4.30	3.76	1.64	1.59	1.79	2.68	2.29	3.00	31.93
Batavia	2.52	2.45	2.53	2.83	3.54	1.53	0.51	1.47	1.65	.....	.....	.....	.....
Bellefontaine	[1]0.94	3.98	3.03	2.06	4.92	2.53	0.80	3.18	4.29	3.88	3.19	2.26	35.06
Bement	3.33	2.10	3.47	3.53	4.67	2.39	3.06	0.91	4.19	3.65	2.35	3.36	37.01
Benton Ridge	2.07	3.22	2.02	1.44	4.78	3.43	0.99	0.90	3.61	3.27	3.03	1.94	30.70
Bethany	2.57	4.13	1.94	2.08	3.85	3.20	0.05	1.66	2.31	0.90	1.32	3.77	27.78
Big Prairie	2.37	3.32	2.10	1.90	5.10	1.38	1.36	.....	.....	.....	1.82	2.09	.....
Binola	2.68	2.76	3.27	2.32	4.26	3.47	2.00	0.75	3.71	2.97	2.23	2.54	32.96
Bissells	2.67	3.20	2.81	2.82	4.02	3.41	2.05	0.42	5.27	2.46	2.50	2.53	34.16
Bladensburg	2.52	3.41	2.39	1.97	3.00	1.28	0.96	0.48	3.56	1.42	2.43	3.09	26.51
Bloomingburg	2.29	3.20	2.46	2.44	4.50	1.66	1.47	2.49	3.60	1.76	1.25	2.72	29.78
Bloomington	2.10	3.71	2.22	2.42	3.89	2.80	2.06	2.84	4.31	1.30	2.26	3.17	33.08
Bowling Green	1.66	2.67	1.73	1.36	3.42	2.58	0.09	0.11	3.02	2.44	1.72	2.08	22.88
Bucyrus	1.60	1.16	0.60	2.70	9.25	2.80	1.20	0.65	3.90	2.70	0.55	2.50	29.61
*Caledonia	2.02	3.57	2.65	1.99	4.11	3.04	2.37	1.00	3.81	1.90	1.88	2.19	30.53
Cambridge	2.20	3.33	2.49	2.41	3.50	2.28	2.07	1.86	1.65	1.48	2.05	4.54	29.86
Camp Denison	.....	.....	.....	2.38	3.86	4.23	0.09	2.61	2.11	1.07	1.59	3.47	.....
Canal Dover	2.29	3.65	2.20	3.07	3.36	2.13	1.28	3.50	3.75	1.92	3.85	2.45	30.45
*Canton	1.61	2.30	2.23	2.40	6.09	1.74	2.50	0.33	4.35	1.88	3.18	2.68	31.29
Cardington	1.99	2.75	1.94	1.32	3.94	2.38	3.49	0.63	2.75	1.20	.....	1.92	.....
Carrollton	3.00	3.61	2.29	2.27	5.15	1.54	1.48	0.90	3.76	2.13	3.18	2.49	31.80

[1] S. G. Stevens.

† All data for 27 days; station closed September 27, 1894.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ohio—Continued.													
Cedarville	.....	.....	2.30	1.58	3.72	1.94	2.49	1.80	2.80	0.95	2.16	3.72	.....
Celina	1.51	2.17	1.95	1.58	2.93	2.20	0.31	2.61	3.97	3.33	2.53	1.68	26.77
Cherry Fork	2.46	3.08	2.74	2.86	2.24	2.23	0.76	3.65	1.62	1.45	1.09	3.78	27.96
Chicago	1.85	2.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Cincinnati	2.75	3.78	2.36	1.60	2.33	4.17	0.13	1.98	2.46	0.82	0.98	3.23	26.59
*Circleville	1.99	3.94	2.09	2.52	3.47	0.52	2.98	2.57	3.36	0.99	1.10	3.63	.....
Clarksville	2.87	3.67	2.71	2.81	3.50	3.81	0.59	2.58	5.19	1.61	1.84	3.26	34.44
*Cleveland	2.21	1.87	1.86	1.55	4.83	2.31	2.19	1.05	3.30	3.19	1.28	2.09	27.73
Cleveland [1]	2.83	1.84	2.00	2.03	6.07	2.44	2.32	1.37	4.01	3.42	2.01	2.53	32.87
Clifton	.....	.....	.....	2.49	6.10	1.43	2.61	2.39	2.37	1.32	2.01	3.55	.....
Coalton	2.12	3.30	2.02	2.15	5.19	3.49	1.80	4.50	1.81	2.11	1.40	3.75	33.64
Colebrook	2.55	2.36	1.31	2.03	2.92	3.44	1.63	0.33	5.40	2.66	2.68	2.14	29.45
*Columbus	2.42	3.11	1.79	1.79	2.78	1.12	1.74	2.64	5.31	1.93	1.91	2.95	29.49
Cynthiana	1.40	3.73	3.29	2.64	3.00	2.38	1.44	5.16	2.40	1.43	2.05	3.23	32.15
Dayton [2]	2.27	3.31	2.15	1.51	4.17	3.75	0.75	1.85	1.54	1.43	1.77	3.07	27.57
*Dayton [3]	2.33	3.79	2.57	1.67	3.90	2.05	0.42	2.63	1.53	0.90	1.81	3.19	26.79
Defiance	1.77	3.21	1.63	1.54	6.84	3.49	1.11	2.50	3.08	2.34	2.18	1.79	31.48
Demos	2.22	2.87	2.28	3.96	4.41	0.62	0.42	1.59	2.08	1.66	1.43	4.31	27.85
Dupont	1.55	2.74	1.24	1.65	3.77	1.29	0.72	1.73	2.26	1.35	0.16	2.14	20.60
Ellsworth	2.38	2.70	1.68	2.48	3.76	2.61	4.00	0.16	4.68	1.80	3.10	2.29	31.64
Elyria	2.71	1.93	3.24	2.07	4.46	3.48	2.67	1.60	3.18	2.51	2.12	2.53	32.50
Fayetteville	.....	.....	.....	.....	.....	4.64	0.81	2.39	2.19	1.82	1.73	4.00	.....
Findlay	1.87	4.09	2.09	1.60	4.85	3.47	0.70	0.17	2.92	3.40	2.34	1.78	29.28
Fostoria	2.17	2.81	1.31	1.25	4.46	3.27	0.52	0.30	2.06	4.27	1.84	1.50	25.76
Frankfort	2.40	3.98	[4] 1.92	2.87	3.12	3.18	2.18	5.16	3.65	1.57	.....	3.78	.....
Garrettsville	2.49	2.76	2.52	2.84	3.05	3.17	2.54	0.23	5.37	2.26	3.58	3.37	34.18
Georgetown	2.96	3.52	2.86	2.50	.....	3.43	0.41	1.63	3.18	1.86	2.76	3.32	.....
Granville	2.62	3.30	.....	2.30	3.36	4.27	2.38	1.66	4.67	1.97	2.85	3.96	.....
Gratiot	2.27	3.31	1.80	1.81	3.21	2.25	2.10	0.86	2.59	1.67	2.23	4.59	28.69
Greenfield	3.60	3.19	1.28	1.35	3.40	4.36	1.20	2.45	3.80	1.80	1.30	.....	.....
Green Hill	2.06	2.44	1.64	2.15	4.87	2.12	2.23	0.53	5.48	2.12	2.85	2.34	30.83
Greenville	1.66	4.13	2.34	1.70	4.13	2.72	0.35	2.34	3.49	2.58	2.57	2.89	30.90
Guysville	2.19	3.39	1.45	3.32	2.80	2.34	0.61	1.56	1.35	0.78	1.98	4.16	25.93
Hackney	1.82	3.65	2.36	2.79	2.98	2.59	0.37	1.48	2.39	1.94	1.58	3.92	27.87
Hanging Rock	2.87	4.20	1.42	2.64	3.51	1.58	0.79	7.25	3.41	1.73	1.62	3.50	34.61
Harbor	2.15	1.23	1.77	2.34	4.18	4.34	1.90	0.18	5.42	4.91	2.98	2.28	33.68
Hedges	2.56	3.41	1.53	1.56	2.84	0.62	1.61	0.92	4.06	2.98	1.01	2.23	26.23
Hillhouse	2.31	1.95	2.96	2.15	5.18	3.23	2.21	0.62	6.97	5.12	3.29	3.75	38.74
Hillsboro	2.05	3.17	2.50	2.60	2.29	2.86	0.62	1.26	1.91	1.62	1.11	2.68	24.67
Hiram	2.70	2.41	2.62	3.20	3.32	3.23	1.97	0.22	5.47	2.32	3.76	3.72	34.94
Jacksonboro	1.45	4.35	1.70	1.15	2.70	2.65	0.10	0.75	2.60	1.00	1.00	2.45	21.90
*Kenton	2.07	3.64	3.11	1.99	3.08	4.13	1.33	1.66	3.50	3.21	2.72	2.44	32.88
Kilbourne	1.37	2.42	2.52	1.51	4.66	2.64	0.69	1.64	1.92	1.67	1.58	1.76	24.38
Killbuck	2.09	2.87	2.00	2.16	4.78	1.04	0.64	0.70	3.48	1.86	2.14	2.26	26.02
Leipsic	.....	2.97	2.30	1.36	4.18	3.54	0.93	1.49	[5] 3.75	3.21	.....	.....	.....
Levering	2.05	3.37	2.78	2.10	5.36	3.44	2.14	0.72	1.53	1.59	2.66	2.58	30.32
Logan	2.29	3.14	2.29	2.86	3.73	3.79	2.24	1.82	3.03	2.34	2.38	3.57	33.48
Lordstown	2.24	2.65	2.32	2.81	2.73	2.82	3.20	0.24	4.52	1.81	3.32	2.43	31.09
Lowell	2.07	2.57	2.21	2.04	2.06	2.80	1.71	2.66	1.87	0.42	1.40	1.92	23.73
McArthur	1.37	2.73	2.30	3.05	3.79	3.60	3.13	2.06	1.43	2.02	1.42	4.34	31.24
McConnelsville	2.19	3.35	2.10	3.14	2.52	2.81	0.69	3.14	2.09	1.67	1.82	3.98	29.50
Manchester	.....	.....	.....	.....	1.36	.....	0.20	.....	.....	.....	.....	.....	.....
Mansfield	2.78	3.38	2.59	2.58	5.23	4.81	1.41	0.50	2.45	1.99	2.23	3.06	33.01
*Marietta [4]	2.44	3.43	2.18	3.03	3.09	2.80	0.35	2.47	2.43	1.48	1.83	4.97	30.50
Marietta [6]	2.70	3.62	2.00	3.07	3.25	3.51	0.42	2.19	2.13	1.60	1.89	4.09	30.47
Marion	2.35	2.96	2.24	1.83	5.72	2.41	2.38	1.28	3.33	2.03	1.92	2.42	30.87
Milfordton	1.91	3.34	2.91	1.88	4.62	3.64	1.78	0.96	2.84	1.90	2.36	3.06	31.20
Milligan	2.04	3.21	2.07	2.45	3.49	2.53	1.70	1.85	2.20	1.41	1.73	3.89	28.57
Millport	2.37	2.44	1.98	2.25	5.04	1.88	2.00	0.30	4.95	2.26	2.72	2.20	30.39
Montpelier	1.36	3.20	2.63	2.46	5.11	1.55	0.70	1.19	5.13	2.64	1.88	1.30	29.15
Napoleon	2.05	1.98	2.21	2.02	4.62	4.88	1.95	1.20	3.20	2.52	1.50	2.15	30.28
Nelsonville	2.13	3.41	1.92	2.85	2.41	2.94	1.56	2.37	1.48	.....	.....	.....	.....
New Alexandria	2.22	4.30	2.73	4.71	5.58	1.04	0.67	1.02	3.00	2.18	2.50	5.99	35.94
New Berlin	1.62	1.81	1.68	2.33	4.49	1.16	1.72	0.13	2.88	1.72	2.41	2.14	24.09
New Bremen	1.77	3.18	1.57	1.95	3.01	1.08	1.03	2.25	4.50	2.67	2.50	2.42	27.93
New Comerstown	2.35	2.97	1.97	2.74	3.50	2.52	2.07	1.31	2.88	1.48	2.73	3.54	30.06
New Holland	2.31	3.95	2.50	3.13	3.77	3.95	1.97	3.75	3.55	1.41	1.53	4.27	36.09
New Paris	1.81	2.98	1.67	1.42	3.32	2.67	0.20	0.95	3.15	.....	.....	.....	.....
New Waterford	.....	.....	.....	.....	.....	.....	.....	0.58	4.27	2.20	1.98	3.49	.....
North Fairfield	.....	.....	.....	.....	3.95	2.25	1.63	1.14	3.34	2.75	2.43	.....	.....
North Lewisburg	2.05	4.95	2.55	3.05	4.65	3.15	4.15	4.65	2.20	1.85	3.20	3.40	39.85
North Royalton	2.63	2.34	1.76	2.14	4.23	2.67	1.51	0.71	5.31	2.71	1.61	2.72	30.34
Northwood	1.98	.....	2.88	2.44	3.57	3.06	3.34	2.10	4.00	.....	2.31	2.33	.....
Norwalk	.....	.....	1.72	2.23	4.37	2.96	.....	0.80	3.04	3.40	2.90	2.35	.....
Oberlin	2.08	1.72	1.41	2.55	4.12	2.99	0.84	0.34	1.58	3.30	2.64	1.44	25.01
Ohio State University	2.50	2.96	2.02	2.04	2.27	1.64	1.06	2.52	4.81	1.73	2.47	3.30	29.32
Orangeville	2.20	1.60	2.05	3.05	2.05	0.45	2.40	0.77	5.70	1.35	1.55	*1.80	24.97
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.87	2.51	2.15	.....
Pataskala	2.58	3.89	2.54	2.58	3.24	2.81	1.32	3.35	5.46	2.05	2.60	4.63	37.00
Peoli	.....	.....	.....	1.90	3.19	1.25	.....	[10] 0.56	2.00	.....	.....	3.60	.....
Piedmont	.....	.....	.....	.....	1.23	.....	.....	.....	.....	.....	.....	.....	.....
Plattsburg	2.00	3.83	2.31	1.72	3.52	2.95	2.33	3.11	2.87	1.33	2.21	2.69	30.87
Pomeroy	0.69	2.65	0.83	2.63	3.22	2.14	0.66	1.42	1.50	1.20	1.43	2.01	20.38
*Portsmouth [4]	1.85	3.49	1.60	2.93	4.03	2.86	2.55	5.94	2.69	1.04	1.36	3.92	34.86
Portsmouth [6]	1.91	3.79	1.81	2.91	4.00	2.81	3.08	6.06	2.69	1.65	1.34	4.11	36.16
Richwood	.....	.....	.....	.....	.....	.....	.....	.....	1.65	1.25	2.17	2.37	.....
Ridge	1.80	3.64	2.42	.....	.....	.....	.....	2.69	6.29	3.87	3.65	4.34	.....
Ridgeville Corners	0.99	2.21	1.49	1.34	5.96	2.18	1.90	3.35	3.95	2.39	1.69	1.18	28.63

[1] G. A. Hyde.
[2] Mrs. Edith Boyer.
[3] Special river observer.
[4] River observer.
[5] Prof. T. A. Briscoe.
[6] Dr. D. B. Cotton.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ohio—Continued.													
Ripley	1.46	3.14	2.59	2.75	2.32	2.17	0.56	2.57	1.59	1.89	1.23	3.95	26.22
Rittman	2.20	3.32	2.32	2.44	5.20	3.23	2.49	0.41	3.04	2.37	3.15	2.43	32.60
Rocky Ridge	.....	.....	.....	.....	.....	.....	0.11	0.59	4.70	2.22	2.12	2.32	.....
Rosewood	.....	.....	.....	2.08	4.56	1.74	1.17	3.21	2.74	2.36	2.69	2.54	.....
Rush Creek	1.96	3.49	1.83	1.79	3.99	2.98	1.05	.....	.....	.....	.....	.....	.....
*Sandusky	1.95	2.33	1.64	1.67	3.64	3.22	2.84	0.23	3.49	3.48	1.40	2.20	28.09
Sharon Center	2.15	2.16	2.15	2.37	3.87	2.51	0.44	0.68	4.91	2.10	2.46	1.95	27.75
Shenandoah	2.19	2.23	2.07	1.51	5.10	2.17	1.00	1.41	2.87	1.95	2.29	2.51	27.30
*Sidney [1]	1.83	4.21	2.28	2.41	3.57	3.52	0.49	2.23	3.40	2.90	3.21	3.11	33.16
Sidney [2]	.....	.....	.....	2.22	2.65	.....	.....	2.25	3.23	2.90	3.14	2.38	.....
Springboro	1.92	4.18	2.44	2.71	5.12	2.21	0.10	1.58	2.78	1.38	2.29	3.23	29.94
Spring Valley	1.74	2.28	2.04	1.41	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stoutsville	2.45	2.24	2.28	3.74	3.68	1.25	2.81	2.48	3.19	1.66	1.88	3.29	30.95
Swanton	.....	.....	.....	.....	.....	.....	.....	.....	3.79	2.21	1.36	2.01	.....
Sylvania	0.74	3.18	1.91	2.62	7.00	.....	1.67	0.51	4.86	1.72	0.77	1.94	.....
Thurman	1.63	2.92	0.83	2.52	4.07	1.77	1.62	2.13	1.47	1.23	1.22	3.54	24.95
Tiffin	2.12	3.43	1.77	1.47	4.37	4.63	5.16	0.75	2.55	4.28	2.37	2.06	34.96
*Toledo	1.48	1.92	1.26	1.81	5.36	1.76	0.42	0.60	2.50	1.69	1.04	1.50	21.34
Upper Sandusky	1.81	2.85	.....	.....	2.32	4.16	1.75	0.66	3.34	3.53	2.53	2.06	.....
Vanceburg †	2.27	3.28	1.97	2.67	2.42	3.24	2.43	3.27	3.91	1.46	1.35	3.65	31.92
Van Wert	1.54	3.41	2.30	2.03	4.32	2.72	0.86	1.60	3.55	2.06	2.01	2.19	28.59
Vermillion	2.33	2.47	1.33	1.70	3.35	2.19	1.38	0.17	2.81	3.38	1.63	2.43	25.17
Vickery	1.81	3.01	1.87	1.25	5.77	2.66	1.77	1.41	3.26	3.09	2.05	2.11	30.06
Walnut	2.38	2.66	2.26	2.51	4.67	1.83	2.35	2.41	4.17	1.69	1.80	4.01	32.74
Warren	2.65	3.02	2.53	3.06	4.36	1.57	3.62	0.03	7.14	2.03	3.15	2.58	35.74
Warsaw	.....	.....	.....	.....	.....	.....	.....	0.24	2.72	1.41	1.97	4.46	.....
Wauseon	2.27	4.48	3.17	3.96	4.11	2.33	0.72	0.87	3.74	2.42	1.80	2.17	32.04
Waverly	1.85	3.25	2.09	2.65	2.56	3.40	2.74	3.66	1.91	1.51	1.41	3.46	30.49
Waynesville	2.68	4.47	2.30	2.30	4.95	3.12	0.45	1.84	3.24	1.35	1.58	4.16	32.44
Wellington	2.53	3.04	1.91	1.48	4.66	3.04	1.85	0.06	3.27	2.06	2.88	2.16	28.94
Westerville	2.34	3.34	2.07	2.49	2.71	2.54	3.15	0.90	3.35	1.79	2.86	2.80	30.34
Weymouth	1.86	2.69	2.56	1.85	5.29	2.71	1.39	0.60	5.35	2.50	2.88	2.09	31.77
Wheeler	3.20	3.50	3.17	3.71	4.53	3.62	2.15	0.55	4.39	4.54	2.81	1.77	37.04
Willoughby	.....	.....	.....	.....	.....	.....	2.34	0.90	3.61	3.80	1.69	2.16	.....
Wooster [3]	2.19	3.37	2.36	1.74	4.41	2.23	1.38	0.76	4.25	2.35	2.41	3.15	30.60
*Wooster [1]	1.99	3.30	2.31	2.45	4.41	2.23	.....	.....	.....	.....	.....	.....	.....
Youngstown	1.54	2.88	2.48	2.36	3.43	2.43	2.84	0.72	5.58	2.34	2.62	3.12	32.34
*Zanesville	1.81	2.47	1.92	2.19	3.76	2.68	2.68	0.90	2.84	1.70	1.70	3.82	.....
Oklahoma Territory.													
Alva	.....	.....	.....	[5]4.92	2.60	2.91	2.72	1.80	3.30	2.20	T.	0.20	.....
Anadarko	1.86	0.60	3.30	2.45	2.07	0.16	1.58	2.78	2.20	2.41	0.00	0.86	20.27
Arapaho	0.78	0.50	0.88	4.87	2.01	4.82	2.22	0.90	2.52	1.59	T.	0.38	21.47
Britton	.....	.....	.....	2.70	1.19	.....	.....	0.02	1.58	0.66	.....	.....	.....
Buffalo	.....	1.80	0.10	2.95	5.55	.....	.....	.....	.....	.....	.....	.....	.....
Burnett	3.91	1.46	4.42	4.08	0.79	2.18	1.24	0.81	1.40	2.74	T.	2.07	25.10
Clifton	[6]3.35	1.45	3.12	4.78	2.42	1.08	1.08	0.35	1.91	1.12	0.50	1.23	22.39
Cloud Chief	.....	.....	.....	.....	.....	.....	0.97	.....	.....	.....	.....	.....	.....
Enid	.....	0.87	0.33	4.08	2.95	0.57	.....	.....	.....	.....	.....	.....	.....
Fort Reno	1.51	0.50	1.90	3.30	1.30	1.10	1.31	1.61	3.16	1.49	0.00	0.10	17.28
Fort Sill	1.70	0.72	2.82	4.09	4.20	1.04	1.91	2.47	3.45	1.09	0.00	0.65	24.14
Fort Supply	0.25	1.04	0.12	4.36	5.22	1.31	2.63	0.26	2.29	0.49	0.25	.....	.....
Guthrie	2.20	1.43	3.32	3.29	3.59	0.47	0.83	0.15	3.15	3.12	1.00	0.44	.....
Keokuk Falls	3.08	1.45	1.94	4.54	1.85	0.71	1.24	1.14	3.47	1.44	.....	.....	.....
Mangum	1.01	1.21	0.62	2.08	2.94	2.44	0.68	3.05	1.45	2.51	0.00	0.18	19.07
Norman	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.16	0.01	2.19	.....
*Oklahoma City	3.74	1.11	4.79	2.82	1.87	3.71	1.66	1.95	1.65	1.84	0.07	1.51	26.72
Otoe	.....	.....	.....	.....	.....	0.14	.....	.....	.....	.....	.....	.....	.....
Ponca	[6]2.15	3.04	2.56	5.87	5.30	.....	0.93	0.33	2.10	2.30	0.50	1.02	.....
Pond Creek	1.74	1.03	0.22	4.02	2.15	0.61	1.11	2.16	2.22	2.05	0.08	0.30	17.69
Sac and Fox Agency	.....	.....	3.20	.....	.....	.....	.....	.....	.....	1.20	0.00	1.00	.....
Stillwater	4.01	.....	3.83	2.81	5.18	1.85	0.33	0.79	6.89	0.72	0.25	0.80	.....
Winnview	1.40	0.70	1.68	6.05	3.37	1.35	2.44	0.85	3.28	1.33	T.	0.58	22.98
Oregon.													
*Albany [4]	12.15	5.49	10.45	3.27	1.81	2.55	0.21	0.10	1.67	3.90	2.74	5.52	49.86
Albany [5]	10.79	4.26	9.36	1.23	1.16	0.69	0.00	0.10	0.25	1.36	1.76	4.71	35.67
Arlington	3.11	0.97	2.75	1.15	1.14	0.70	0.13	T.	0.36	1.19	0.25	0.90	12.65
Ashland [5]	6.39	3.50	5.20	0.87	3.07	3.65	1.98	0.00	0.14	2.10	0.55	4.52	31.97
Ashland [6]	4.88	2.56	2.65	0.55	2.84	1.74	1.12	T.	0.13	1.80	0.47	3.54	22.28
*Astoria	15.54	11.87	14.04	7.48	2.10	3.78	0.69	0.07	5.75	12.19	8.66	6.67	86.84
Aurora	12.42	4.82	9.33	3.29	2.11	2.93	0.00	0.00	2.62	4.21	3.37	4.27	49.37
Aurora (near)	14.90	5.24	11.51	4.09	1.86	1.74	0.21	T.	2.56	5.14	3.66	4.73	55.64
*Baker City	3.40	1.59	2.36	1.64	2.43	1.74	1.28	0.55	0.28	1.13	0.04	1.39	17.83
Bandon	23.07	10.87	18.52	5.69	1.55	4.47	0.05	0.00	6.23	9.84	7.55	16.13	103.97
Bay City	.....	.....	.....	3.85	1.91	4.06	.....	0.27	7.78	10.96	5.72	5.71	.....
Beulah	1.88	0.64	1.37	1.06	0.99	.....	.....	0.30	.....	.....	.....	.....	.....
Brownsville	10.93	5.04	9.94	2.76	1.65	4.18	0.04	0.01	2.79	4.79	2.16	5.79	50.08
Burns	1.90	1.70	0.70	0.70	1.80	1.30	0.15	0.00	.....	1.85	.....	1.20	.....
Canyon City	8.75	1.87	2.31	2.47	5.32	1.82	0.68	0.09	0.77	1.56	0.04	1.42	27.10
Cascade Locks	21.80	10.71	16.52	7.76	2.31	3.73	0.42	0.00	5.89	11.21	6.93	6.94	94.22
Comstock	11.81	6.35	11.90	3.11	2.60	3.81	0.09	0.35	2.06	5.16	2.49	7.04	56.68
Condon	.....	.....	.....	.....	.....	.....	.....	0.15	1.50	.....	.....	.....	.....
Cornelius	14.46	7.30	10.84	2.56	1.44	2.20	T.	0.28	1.57	5.74	4.13	7.49	58.01
Corvallis [7]	12.38	5.29	8.12	2.81	1.90	2.94	0.10	0.05	1.20	4.45	2.10	5.35	46.69
Corvallis	11.41	5.36	9.64	2.13	2.06	2.13	0.23	0.00	2.04	4.23	2.25	3.85	45.33
Corvallis (near)	15.44	7.87	11.00	3.69	1.94	2.52	0.16	0.14	1.61	5.48	3.35	6.06	59.26
Crook	2.91	1.70	.....	1.62	4.01	2.41	0.42	0.96	1.04	2.59	.....	0.78	.....
Detroit	.....	.....	.....	.....	2.73	5.42	0.39	0.90	5.77	11.34	6.11	8.12	.....

[1] Special rainfall observer.
[2] H. B. Blake.
[3] Agricultural experiment station.
[4] River observer.
[5] Pacific Railway system.
[6] F. H. Carter.
[7] State Agricultural College.
† Post-office, Vanceburg, Ky.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Oregon—Continued.													
East Portland	9.12	4.88	6.78	2.59	1.21	1.97	0.16	0.06	1.95	4.03	2.96	4.95	40.66
*Eugene	7.53	4.00	9.45	1.94	1.61	.....	.....	.....	.....	4.36	1.77	6.42	.....
Fife	.....	0.80	0.70	1.03	3.29	.....	.....	.....	.....	.....	.....	.....	.....
Forest Grove	11.63	9.34	9.72	2.61	1.54	1.97	.....	.....	.....	5.19	4.74	6.07	.....
Gardiner	21.33	8.65	13.63	4.84	1.29	2.98	0.00	0.60	4.34	7.42	4.94	9.54	79.56
Glenora	24.65	18.44	25.63	9.73	2.83	5.00	0.47	0.35	7.33	17.30	13.81	14.44	139.98
Grants Pass[1]	9.22	3.95	4.94	0.61	2.27	2.63	0.06	0.00	0.48	3.04	2.53	6.84	36.57
Grants Pass[2]	8.79	1.86	5.03	0.40	1.33	0.94	0.00	0.00	0.40	3.19	2.13	6.12	30.19
Happy Valley	1.72	1.78	1.48	1.25	3.25	2.76	0.53	0.27	0.77	1.74	0.24	0.87	16.66
Heppner	2.84	0.95	2.76	1.86	2.50	1.11	0.15	T.	0.50	1.96	0.19	0.54	15.36
Hood River	.....	.....	17.21	1.05	1.60	1.42	.....	.....	.....	.....	.....	.....	.....
Hood River (near)	11.72	5.03	12.67	1.68	1.56	1.79	T.	0.00	2.00	3.93	3.78	4.13	48.29
Hubbard	10.11	4.07	9.30	3.79	2.06	3.17	0.70	0.00	2.66	4.30	3.10	4.83	48.09
Jacksonville	6.58	4.09	4.56	0.60	2.34	3.15	0.26	0.04	0.27	2.23	0.73	5.07	29.92
Joseph	4.40	1.00	2.20	0.22	0.28	2.56	0.31	0.85	0.91	2.14	0.63	1.80	17.30
Junction City	7.68	1.77	8.70	0.42	0.49	0.83	0.08	0.00	1.15	3.89	1.63	3.83	30.47
Klamath Falls	.....	.....	1.90	T.	2.02	1.80	T.	0.40	.....	.....	.....	.....	.....
La Fayette	12.58	5.43	11.55	2.91	0.89	1.67	0.00	0.16	1.29	3.30	3.27	4.38	47.43
La Grande	3.34	1.32	1.72	3.44	4.54	1.51	0.03	0.60	1.67	2.11	0.19	0.65	21.12
Lakeview	4.66	4.92	3.18	0.58	2.24	.....	.....	.....	.....	.....	0.97	3.45	.....
Langlois	26.78	11.92	20.65	5.94	1.48	3.14	0.08	0.30	4.58	11.33	6.60	17.15	109.95
Lone Rock	.....	1.23	2.87	2.29	2.78	1.57	0.32	0.37	0.77	2.03	.....	1.09	.....
McMinnville[3]	13.68	6.16	10.25	3.36	1.69	1.95	0.03	0.15	1.72	5.70	3.14	5.57	53.40
McMinnville[2]	13.10	5.01	10.26	2.02	1.49	1.67	0.00	0.00	2.11	4.25	2.65	5.49	48.05
Merlin	11.11	4.31	5.02	0.17	1.66	2.85	0.00	0.02	0.24	2.92	2.72	8.49	39.51
Monmouth	8.88	4.90	9.80	1.90	0.87	2.03	0.00	0.45	1.54	3.92	2.17	4.73	41.18
Mount Angel	11.55	4.28	9.52	3.57	2.11	2.79	0.35	0.10	2.61	4.75	1.47	4.16	47.26
Mount Hood	.....	.....	.....	.....	.....	.....	0.28	0.05	7.26	.....	.....	.....	.....
Nehalem	.....	.....	.....	.....	.....	.....	.....	0.59	11.48	13.03	14.79	9.54	.....
New Bridge	2.52	1.40	.....	0.40	0.28	0.07	0.02	0.02	.....	.....	.....	.....	.....
Newport	16.15	8.98	13.12	3.92	1.84	3.15	0.00	0.23	4.57	7.08	6.01	6.16	71.21
Oregon City	14.47	6.10	11.20	4.14	1.77	3.52	0.36	0.00	2.90	6.22	2.74	5.67	59.09
Pendleton	3.62	1.39	2.58	1.52	2.28	1.08	T.	0.60	0.44	1.92	0.33	0.62	16.38
*Portland	9.65	5.16	7.48	2.57	1.09	2.16	0.10	T.	1.32	3.56	2.76	3.47	39.32
Portland[2]	12.60	5.82	9.47	2.87	1.20	2.58	0.10	0.00	1.79	4.70	3.62	5.52	50.27
Riddles	19.34	5.33	6.17	0.54	2.73	2.60	0.00	0.00	1.40	2.92	1.45	6.00	48.48
*Roseburg	9.06	6.42	8.61	1.20	1.73	2.85	T.	.....	1.22	3.95	1.99	7.26	44.29
Roseburg[2]	8.74	4.63	7.69	1.11	1.42	2.72	0.00	0.24	0.93	3.56	1.87	7.54	40.45
Salem[2]	10.41	4.49	10.37	2.52	1.77	3.27	0.11	0.00	1.35	3.83	1.55	5.12	44.79
*Salem[4]	11.09	4.32	10.13	3.68	2.24	3.50	0.19	0.00	2.27	4.39	2.19	4.62	48.62
Sheridan	12.35	5.55	9.17	2.23	0.96	1.36	0.04	0.00	1.95	5.26	2.91	6.54	48.32
Silver Lake	.....	.....	.....	.....	.....	0.82	.....	.....	.....	.....	.....	.....	.....
Silverton	12.55	4.71	9.60	4.01	2.23	2.73	0.15	0.00	3.70	4.41	2.61	5.54	52.24
Siskiyou	8.60	6.65	7.55	0.40	4.10	2.50	0.00	0.00	.....	1.40	T.	8.45	.....
Sparta	7.48	3.58	4.33	.....	2.31	0.34	0.46	0.77	0.57	2.28	0.28	2.75	.....
Springbrook	12.82	4.75	10.27	2.96	1.32	1.93	0.14	0.04	1.40	4.89	3.68	5.01	49.21
Springfield	11.23	11.51	10.18	3.40	1.66	2.59	0.00	0.04	2.53	4.45	2.04	5.96	55.59
*The Dalles	4.84	1.83	3.73	0.64	0.47	1.15	0.10	T.	1.02	2.08	0.51	1.65	18.02
Tillamook Rock light-house	9.00	7.03	8.71	5.40	2.29	3.13	0.29	0.31	5.17	10.30	6.37	.....	.....
Toledo	21.69	13.05	19.12	5.47	2.17	4.55	0.00	0.05	4.47	.....	.....	.....	.....
*Umatilla	2.33	0.40	1.49	1.03	0.81	0.53	0.00	0.03	0.11	0.69	.....	.....	.....
Vale	1.12	0.82	0.85	1.37	0.66	0.92	0.42	0.17	0.27	0.96	0.17	1.42	9.15
Vernonia	13.98	9.35	12.79	3.67	1.25	3.88	0.08	.....	.....	.....	.....	.....	.....
West Fork	13.91	9.39	11.16	1.51	2.16	3.02	0.10	0.11	1.04	4.70	3.40	9.64	60.14
Weston	5.83	2.24	4.26	2.83	.....	.....	.....	0.02	0.98	2.46	0.49	.....	.....
Williams	11.10	5.49	6.94	0.64	2.46	.....	0.15	0.00	0.33	2.76	1.08	8.60	.....
Pennsylvania.													
Altoona	0.99	1.82	0.80	1.69	9.32	2.66	1.01	3.18	5.25	1.77	0.74	2.30	31.53
Aqueduct	1.55	4.69	1.09	4.29	8.00	2.78	2.39	2.67	5.68	5.56	2.64	3.79	45.13
*Beaver Dam	0.96	2.67	2.16	2.22	3.70	1.38	0.65	0.57	3.74	1.65	1.98	4.02	.....
Bethlehem	1.54	4.50	1.29	2.41	10.80	2.49	2.63	2.07	8.54	5.04	2.86	4.85	49.22
Blooming Grove	2.50	3.40	1.11	2.75	.....	3.51	3.66	1.62	4.80	6.42	2.91	4.15	.....
Bloomsburg	1.89	2.22	[d]0.31	4.58	10.02	2.25	1.97	2.33	.....	.....	.....	.....	.....
Blue Knob	2.46	4.97	2.49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Brookville	2.77	2.59	1.34	3.00	6.35	2.03	2.18	0.40	8.12	2.38	1.39	4.48	37.03
Bowers Lock	2.85	4.11	1.93	2.46	12.11	3.66	3.83	1.24	9.27	5.60	2.73	3.42	52.21
Carlisle	1.79	4.53	1.14	3.61	8.12	2.05	1.96	2.92	9.45	4.58	2.63	3.38	46.16
Cassandra	.....	.....	.....	3.78	14.57	1.67	1.69	2.37	5.25	2.84	3.05	4.04	.....
Chambersburg	1.33	.....	1.17	1.96	7.94	3.17	0.84	4.79	2.82	5.44	1.28	2.65	.....
*Clarion	4.19	2.97	2.10	4.41	8.02	2.85	2.34	0.44	12.36	2.95	2.61	3.94	49.18
Coatesville	2.25	4.60	2.08	4.20	11.72	2.29	4.61	2.89	8.42	5.57	2.73	4.70	56.06
*Confluence	3.15	3.57	2.36	4.94	5.86	2.90	3.00	1.37	3.48	2.71	2.87	5.93	42.14
Coopersburg	1.69	4.26	1.60	3.18	14.73	2.58	2.65	2.43	5.86	5.62	2.75	5.04	52.39
*Davis Island Dam	1.58	2.63	2.64	3.94	4.36	0.96	1.48	0.68	3.13	2.06	2.43	3.80	29.69
Doylestown	1.72	4.28	1.38	3.30	11.41	1.35	2.06	2.77	8.78	4.84	2.60	3.89	48.38
Drifton	2.68	3.40	[d]0.35	4.52	6.75	2.87	1.75	1.15	4.65	5.15	2.52	1.28	37.07
*Dubois	3.52	2.47	1.96	3.79	7.98	3.41	2.15	0.74	7.72	2.74	2.27	3.22	41.97
Dyberry	1.95	2.73	1.55	2.51	6.25	2.86	1.26	1.27	4.40	5.43	2.21	3.89	36.31
East Mauch Chunk	2.17	4.11	1.67	3.58	13.66	2.87	2.12	1.86	5.63	7.06	3.33	4.05	52.11
Easton	1.88	3.39	1.25	1.90	8.70	2.54	0.53	2.04	6.57	5.47	2.70	3.55	40.52
*Elwood Junction	2.24	2.14	1.89	2.60	2.72	1.51	3.30	0.39	4.83	1.99	1.88	2.75	28.24
Emporium	3.85	3.08	1.24	3.89	9.45	3.06	2.09	1.37	5.26	3.94	1.81	2.93	41.97
*Erie	2.07	3.55	1.95	1.74	4.91	2.88	2.26	0.54	5.48	5.35	1.90	2.53	35.16
Forks of Neshaminy	1.82	3.77	[d]1.70	3.20	14.80	3.83	5.92	2.17	[h]6.94	5.38	3.28	4.62	57.43
Frederick	1.52	4.11	1.49	2.03	10.21	2.91	3.98	2.75	7.12	4.99	2.64	5.04	48.79
*Freeport	3.12	3.32	2.28	3.24	4.27	2.27	0.98	0.17	3.91	2.18	2.46	3.98	32.18
*Gettysburg	1.56	3.89	1.21	3.94	6.84	1.78	1.47	2.03	7.60	.....	.....	.....	.....
Girardville	2.72	5.52	1.13	5.43	12.69	1.79	2.50	1.47	5.74	7.66	2.99	4.75	54.39
Grampian	3.15	2.14	2.27	2.98	7.53	2.07	4.06	1.15	7.08	2.97	3.04	3.85	42.29

[1] J. B. Paddock. [2] Pacific Railway system. [3] Capt. Wyeth Harris. [4] Special river observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Pennsylvania—Continued.													
*Greensboro	2.33	3.07	2.36	3.31	4.56	2.49	3.81	1.94	3.73	2.16	2.31	3.67	35.74
Greenville	.....	1.62	1.94	2.55	3.03	1.78	3.32	0.54	6.03	0.65	2.47	2.27	.....
Hamburg	2.22	4.47	1.53	3.55	10.31	1.40	3.02	2.24	6.25	6.36	3.06	3.61	48.02
*Harrisburg	1.77	4.56	1.30	2.27	6.07	3.25	1.89	4.08	5.53	4.60	1.90	3.34	40.56
Hollidaysburg	2.07	4.23	1.44	3.08	11.35	3.87	2.03	2.47	5.68	2.36	1.40	4.13	44.11
Honesdale	2.01	3.63	1.59	3.30	6.07	3.10	0.71	1.53	4.47	5.64	2.18	4.05	38.28
Huntingdon	1.82	3.44	1.07	3.19	9.20	3.56	1.57	1.26	7.56	2.93	1.81	4.21	41.62
*Johnstown	3.00	3.38	1.95	3.09	7.03	2.12	1.87	1.20	5.44	2.44	2.55	4.24	38.31
Kane	4.71	2.30	2.24	3.39	8.74	2.34	2.13	1.45	6.97	.....	.....	.....	.....
Kennett Square	1.78	5.08	1.45	3.80	11.54	2.45	4.04	2.78	7.21	5.48	2.88	4.34	52.83
Kilmer	1.60	4.57	1.03	4.86	10.00	3.65	1.96	2.00	5.47	6.30	2.34	3.96	47.74
Lancaster	1.57	[1]3.50	1.49	4.30	6.47	2.54	2.21	.....	7.32	5.36	1.91	[b]3.33	.....
Lansdale	1.59	4.09	1.74	2.61	14.27	2.47	3.19	3.10	8.84	5.55	3.17	3.92	54.54
Lebanon	2.17	4.23	1.48	4.77	9.45	1.91	4.42	4.17	5.47	6.14	2.57	4.17	50.95
Le Roy	2.43	3.04	1.00	6.12	8.35	1.64	2.98	1.23	5.44	5.29	2.47	3.39	43.40
Lewisburg	2.84	2.46	1.13	5.33	9.40	2.39	1.36	2.06	5.09	6.02	1.86	4.06	44.00
Ligonier	1.84	2.78	2.29	4.71	5.33	.....	.....	.....	.....	.....	.....	.....	.....
*Lock Haven	1.77	3.67	0.84	5.81	.....	3.52	2.96	5.51	6.46	5.73	1.99	3.73	.....
*Lock No. 4	2.34	2.74	1.95	2.95	4.21	2.38	2.52	1.63	4.19	1.36	2.33	3.56	32.16
Lycippus	2.56	2.31	2.31	3.99	6.71	1.66	3.24	1.09	7.68	2.28	2.45	5.15	41.43
*Mahoning	3.03	3.06	2.55	3.94	4.81	3.02	1.60	0.30	7.91	2.19	2.03	4.53	38.97
Meadville	2.88	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Castle	1.61	1.76	1.47	2.94	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Oil City	3.48	2.94	1.90	3.17	5.04	1.62	1.95	0.41	6.51	2.43	2.22	2.65	34.32
Ottsville	1.78	3.59	1.56	2.23	12.92	2.49	2.41	1.93	8.27	4.95	3.14	4.78	50.05
Parker	3.16	2.72	2.09	4.35	4.85	3.63	3.30	1.10	9.82	2.74	2.64	3.54	43.94
*Philadelphia	1.78	3.07	1.45	2.99	9.46	1.63	0.75	2.15	5.11	4.66	3.26	4.03	40.34
Philadelphia [1]	1.79	3.96	1.68	3.05	11.40	.....	2.28	1.94	5.81	4.35	3.35	4.68	.....
Philadelphia [2]	1.85	4.33	1.64	3.22	12.07	2.56	0.65	2.57	6.57	5.62	3.33	4.44	48.85
Philadelphia [3]	2.11	4.74	1.70	3.52	12.07	2.74	.....	.....	.....	.....	.....	.....	.....
Phœnixville	1.83	3.99	1.76	2.64	10.60	5.31	3.06	1.64	8.31	6.17	3.17	4.17	52.65
*Pittsburg	2.02	2.98	2.41	3.63	4.63	0.61	1.16	0.43	3.68	1.72	1.80	3.10	28.17
Point Pleasant	.....	4.63	1.39	3.74	13.09	2.79	2.12	1.30	10.67	4.75	2.88	4.14	.....
Pottstown	2.14	4.25	1.74	3.20	12.26	1.74	5.96	2.01	7.94	5.20	2.80	5.32	54.56
Quakertown	1.87	4.16	1.68	2.27	15.02	3.22	1.97	3.09	7.22	5.80	3.52	5.33	55.15
Reading	1.61	5.59	1.32	3.40	13.34	0.91	2.39	2.84	7.48	6.40	2.49	4.00	51.77
*Ridgway	3.44	2.36	1.53	3.12	8.33	2.19	1.68	1.12	5.73	2.38	1.65	3.23	36.76
Saegerstown	2.57	2.70	1.74	2.55	4.92	1.59	1.47	0.98	6.14	2.31	2.61	2.39	31.97
Salem Corners	2.78	4.90	1.73	5.32	7.87	3.13	1.24	1.57	5.67	5.18	2.99	4.61	46.99
*Saltsburg	2.55	3.29	2.10	2.56	4.46	1.99	1.86	1.54	6.58	1.93	2.14	4.47	35.47
Scisholtzville	2.03	4.32	1.40	3.06	12.06	4.32	1.88	1.72	5.60	7.48	2.96	4.58	52.41
*Selins Grove	1.22	3.87	1.09	5.45	10.03	2.40	1.20	2.47	4.25	5.58	2.08	3.76	43.40
Shinglehouse	4.64	3.02	1.84	5.61	8.94	3.36	3.46	2.50	5.96	3.33	2.42	3.21	48.29
Smethport	4.20	3.95	1.86	4.22	11.33	3.65	2.03	3.15	6.32	3.37	2.52	3.45	49.45
Smiths Corners	1.79	3.47	1.71	2.94	13.09	1.95	2.63	1.83	11.61	5.23	3.07	4.06	53.38
Somerset	3.19	5.20	1.85	10.00	14.33	3.32	3.50	1.05	3.12	3.20	2.70	5.69	57.15
South Eaton	1.65	2.79	0.80	2.76	7.26	1.09	1.98	2.22	3.69	6.50	2.27	3.41	36.42
State College	1.75	5.39	1.14	3.85	9.45	4.60	2.10	2.13	5.78	3.13	1.59	3.14	42.05
*Stoystown	4.12	4.84	1.48	3.85	8.31	2.44	3.91	1.06	6.39	1.96	3.12	4.57	45.99
Swarthmore	2.00	3.17	1.34	2.60	9.49	2.93	2.04	2.63	5.50	4.74	2.82	.....	.....
Towanda	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.97	1.94	3.07	.....
Uniontown	2.88	3.35	2.90	3.56	6.82	1.40	2.77	1.42	5.77	2.41	2.96	5.19	41.43
*Warren	3.03	2.89	1.87	3.03	9.21	3.09	2.88	1.31	6.14	3.30	3.64	2.87	43.26
Wellsboro	2.25	2.25	0.24	8.69	10.23	1.89	3.88	2.05	5.85	3.81	3.06	4.07	48.27
West Chester	1.60	4.66	1.67	3.81	13.82	3.74	3.86	1.86	6.84	5.89	2.78	4.23	54.76
West Newton	2.39	3.87	2.16	3.15	4.24	1.75	1.72	0.46	3.20	1.82	2.10	4.87	31.73
Westtown	[k]1.39	3.99	1.60	.....	13.40	4.08	.....	.....	5.83	5.58	2.85	4.36	.....
*Wilkesbarre	1.63	4.50	1.68	3.41	8.56	1.78	0.74	1.14	5.05	5.63	2.29	3.66	39.97
York	1.34	4.20	1.58	4.48	4.40	3.06	2.22	2.93	9.16	4.24	2.09	3.90	43.60
Rhode Island.													
*Block Island	3.16	4.43	2.15	3.89	3.36	0.51	0.22	1.53	2.03	6.15	4.81	5.22	37.46
Bristol	3.58	3.75	1.10	4.30	3.85	1.05	2.22	1.57	2.94	6.82	4.14	5.21	40.53
Kingston	4.63	4.95	1.93	4.07	4.00	0.50	1.35	2.74	3.96	9.14	5.26	5.66	48.19
Lonsdale	3.73	4.00	1.25	3.32	4.76	0.39	3.67	1.90	2.96	6.84	3.90	5.27	41.99
*Narragansett Pier	2.41	4.68	1.97	2.47	3.69	0.88	0.71	2.62	2.40	8.11	4.83	3.89	38.66
Pawtucket	3.49	3.81	1.19	3.31	4.87	0.40	3.74	1.84	3.14	7.30	3.54	5.34	41.97
Providence [4]	4.14	4.55	1.33	3.72	5.04	0.56	1.77	2.14	3.09	6.79	3.52	5.62	42.27
Providence [5]	3.99	4.19	1.43	3.61	5.07	0.77	1.76	2.13	3.28	7.32	4.00	5.42	42.97
South Carolina.													
Aiken	2.02	4.49	2.25	2.70	.....	.....	.....	.....	.....	3.60	1.70	.....	.....
*Allendale	.....	.....	.....	.....	2.68	5.53	11.39	4.92	8.24	3.85	0.92	.....	.....
*Anderson	5.33	5.31	2.17	2.60	3.76	2.94	3.26	3.83	3.25	4.73	1.60	5.37	44.75
*Batesburg	.....	.....	.....	.....	3.25	4.18	11.74	5.38	6.23	5.60	2.34	.....	.....
Blacksburg	3.93	3.71	1.15	1.50	3.11	5.36	.....	.....	.....	.....	.....	.....	.....
*Blackville	.....	.....	.....	.....	2.78	5.13	8.18	9.31	7.60	4.03	1.92	2.22	.....
Blenheim	.....	.....	.....	2.45	4.11	3.32	8.80	12.24	6.63	6.35	1.03	2.10	.....
Branchville	.....	.....	.....	.....	.....	2.84	11.73	9.20	8.22	0.50	1.23	1.45	.....
Brewer Mine	3.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Camden	2.41	4.69	1.71	1.56	1.81	2.00	3.97	6.39	7.52	5.77	1.85	2.56	42.24
Central	5.35	5.06	1.73	2.02	3.44	2.88	6.83	4.94	2.34	2.49	1.35	6.37	44.80
*Charleston	1.71	3.91	1.78	0.53	3.47	3.38	11.28	12.11	10.94	4.12	3.14	0.44	56.81
*Cheraw [6]	3.27	3.02	1.31	5.26	2.73	5.08	8.39	7.93	7.11	5.62	2.09	2.33	54.14
*Cheraw [7]	2.74	2.88	1.87	6.05	3.20	4.93	9.70	9.43	7.99	6.68	2.36	2.36	60.13
*Clemson College	5.73	5.32	2.80	1.84	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Columbia	1.73	5.33	2.69	1.37	1.69	2.89	5.01	5.95	5.18	4.40	1.73	2.29	39.66
*Conway	3.44	4.94	2.81	1.34	3.99	2.23	11.56	8.19	7.28	5.12	3.23	1.44	55.57
*Coronaco	3.78	3.92	1.58	1.72	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] J. E. Codman.
[2] John Comly.
[3] R. L. Paddock.
[4] City engineer.
[5] Ladd Observatory.
[6] Cotton region observer.
[7] River observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
South Carolina—Continued.													
Cross Hill	4.59	4.50	2.02	1.89	4.08	5.55	6.87	6.76	5.58	6.19	3.87	4.31	56.21
*Edisto	1.48	5.23	2.49	2.09	.....	2.64	8.04	9.70	7.01	4.47	.....	.....	.....
*Effingham	3.81	3.46	2.86	1.34	3.60	2.56	5.29	11.14	8.19	5.40	1.85	2.05	51.55
Flint Hill	2.64	4.34	1.37	2.75	1.42	3.83	5.46	7.73	7.30	5.65	1.55	3.20	47.24
*Florence	.....	.....	.....	.....	3.25	2.49	6.69	11.89	7.24	6.89	1.81	.....	.....
*Gaffney	3.59	4.72	1.59	1.87	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgetown	2.32	3.18	1.15	1.70	1.67	1.09	9.97	7.23	10.35	3.62	2.15	1.03	45.46
*Greenville	4.95	4.93	2.30	1.68	4.70	3.98	6.84	3.03	3.75	4.19	1.07	.....	.....
*Greenwood	1.64	4.59	0.93	1.60	5.10	3.52	6.95	7.52	3.31	4.14	2.38	5.09	46.77
*Hardeeville	.....	.....	.....	.....	4.41	4.96	17.31	7.67	9.95	4.05	3.50	0.43	.....
Hollands Store	5.94	4.28	1.60	2.42	2.89	3.27	5.60	3.90	4.16	4.89	1.94	5.40	46.29
*Kingstree[1]	.....	.....	.....	.....	1.63	0.25	8.78	5.07	7.31	4.24	1.56	1.75	.....
*Kingstree[2]	1.85	2.91	2.51	1.30	1.63	0.25	8.60	5.72	7.89	6.03	1.81	2.59	43.08
Little Mountain	3.12	5.11	0.71	2.15	4.08	1.85	6.31	8.13	3.73	5.38	1.37	2.66	44.60
Longshore	3.87	5.87	1.93	2.76	2.70	3.25	6.90	3.66	8.01	6.27	5.29	3.51	54.02
McCormick	4.36	3.82	1.71	2.82	2.08	9.20	12.47	7.76	4.37	5.65	2.50	.....	.....
Martins	1.23	5.66	3.01	2.17	.....	.....	.....	.....	.....	.....	.....	.....	.....
*Mount Carmel	3.44	3.85	1.52	1.78	2.75	4.13	8.82	7.78	3.57	5.31	3.12	4.39	50.46
Pinopolis	1.87	4.26	3.49	0.71	3.35	2.42	10.63	9.10	10.74	4.10	4.20	0.65	55.52
Port Royal	1.19	3.28	2.11	1.55	5.29	5.23	9.93	10.97	9.45	3.47	3.29	0.48	56.24
Reidville	.....	.....	.....	0.81	2.45	.....	.....	.....	.....	.....	.....	.....	.....
*St. Georges	.....	.....	.....	1.04	4.18	2.66	10.65	10.43	10.42	2.74	1.32	1.00	.....
*St. Matthews	.....	.....	.....	1.43	1.61	3.60	10.20	10.27	6.80	3.15	2.28	.....	.....
*St. Stephens	2.07	4.60	2.78	1.26	6.48	0.97	12.87	6.40	7.54	6.21	2.97	1.50	55.65
Santuck	3.77	4.66	1.86	2.43	2.54	6.13	5.77	4.75	3.71	8.34	2.65	5.32	51.93
Shaws Fork	.....	.....	.....	.....	.....	3.49	9.64	4.40	5.55	4.20	1.55	2.25	.....
Simpsonville	4.76	3.17	3.27	1.01	.....	3.03	4.50	0.88	6.91	.....	.....	.....	.....
Society Hill	2.50	4.07	3.09	3.85	2.44	4.99	6.08	12.26	9.56	6.29	0.92	2.49	58.54
*Spartanburg	.....	.....	.....	.....	3.56	1.16	6.65	1.49	3.38	3.53	0.61	.....	.....
Statesburg	2.27	5.86	2.52	1.42	1.46	1.33	8.72	11.85	6.70	4.51	1.02	2.90	50.56
Tatum Station	2.37	2.97	1.73	2.22	4.94	.....	.....	.....	.....	.....	.....	.....	.....
Trenton	2.37	2.61	2.32	2.42	1.20	4.54	9.50	7.60	5.80	6.31	2.77	3.37	54.81
Trial	2.02	5.17	2.63	0.72	2.91	2.42	8.53	8.11	6.66	3.54	2.15	1.75	46.61
Watts	3.82	3.87	1.76	1.79	5.08	6.09	5.56	9.22	4.70	5.79	2.22	4.74	54.64
Yorkville	2.84	3.03	1.18	1.62	3.24	3.44	3.59	4.57	4.49	8.11	2.13	5.45	43.69
South Dakota.													
Aberdeen	0.40	T.	3.97	4.48	.....	.....	0.59	1.74	0.40	3.18	2.97	T.	.....
Alexandria	1.02	T.	1.69	4.13	1.31	1.12	0.75	3.56	1.64	3.17	0.25	T.	18.64
Armour	.....	.....	.....	2.38	0.87	1.39	0.63	1.14	0.78	1.13	0.22	.....	.....
Ashcroft	0.85	T.	2.60	1.68	2.25	5.00	0.69	0.42	0.73	0.31	0.44	0.15	15.12
Bowdle	0.40	0.00	2.80	2.63	0.44	3.65	1.13	1.06	1.08	1.73	T.	0.05	14.97
Britton	0.50	0.40	.....	5.36	0.20	6.20	.....	.....	.....	.....	.....	.....	.....
Brookings	0.11	T.	1.23	3.04	0.30	1.30	0.09	0.73	1.68	2.36	0.19	0.14	11.17
Castlewood	0.63	T.	0.89	3.60	0.29	3.27	0.37	1.81	4.30	3.11	0.13	T.	18.40
Clark	.....	T.	.....	.....	1.00	2.70	0.43	1.93	3.70	3.08	0.47	T.	.....
Cross	0.39	0.48	1.88	4.06	0.47	5.51	3.72	2.62	0.50	0.10	0.43	T.	20.16
De Smet	1.10	0.00	0.90	3.74	0.21	1.30	0.08	2.15	2.89	.....	.....	.....	.....
Farmingdale	.....	.....	.....	3.34	0.81	2.46	1.36	0.24	0.44	.....	0.31	T.	.....
Faulkton	0.30	0.07	5.37	2.44	0.12	4.27	0.30	1.65	0.87	1.81	0.20	T.	17.40
Flandreau	0.51	T.	1.02	2.43	0.80	1.96	1.04	3.37	1.57	2.43	0.26	0.35	15.74
Forestburg	1.27	0.20	0.98	3.39	0.99	0.88	0.35	0.85	1.55	2.28	0.06	0.05	12.85
Forest City	.....	.....	.....	.....	.....	3.34	0.02	1.01	1.00	0.42	.....	T.	.....
Fort Meade	0.55	0.12	3.08	3.48	1.15	3.80	0.57	0.42	0.62	1.24	1.03	0.72	16.78
Fort Sully	0.75	T.	2.60	1.55	0.25	4.50	0.90	0.65	0.75	0.45	.....	.....	.....
Frankfort	0.70	0.05	3.20	3.09	0.22	2.92	1.32	2.09	0.64	1.79	0.41	.....	.....
Gale	.....	0.00	2.01	2.64	1.12	3.26	.....	.....	.....	.....	.....	.....	.....
Gary	0.40	0.00	2.10	.....	0.81	2.90	1.53	0.90	2.35	2.99	0.28	0.02	.....
Greenwood	0.69	0.36	0.77	2.87	1.65	1.50	1.58	0.55	0.94	1.72	0.17	0.05	12.85
Hermosa	.....	.....	.....	3.63	.....	.....	.....	.....	.....	.....	.....	.....	.....
Highmore	0.45	0.05	2.20	0.98	0.33	5.91	0.42	0.01	0.10	1.63	T.	T.	12.08
Hitchcock	.....	.....	.....	.....	0.50	2.51	0.25	1.74	0.77	2.20	.....	.....	.....
Hotch City	0.42	0.10	1.47	2.47	0.47	2.75	0.49	0.15	0.35	0.96	0.14	0.12	9.89
Hot Springs	.....	0.84	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....
Howard	0.90	T.	1.27	2.69	0.76	2.25	0.86	0.33	1.74	3.27	.....	T.	.....
*Huron	0.71	0.24	1.18	2.84	0.43	2.23	0.23	0.61	2.42	2.22	0.35	0.10	13.56
Ipswich	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.98	T.	.....
Kimball	0.68	0.25	1.30	1.91	0.75	1.36	0.42	0.43	0.60	0.84	0.16	0.16	8.86
Mellette	.....	.....	.....	3.10	0.26	4.82	0.91	2.78	1.11	1.02	.....	.....	.....
Midland	.....	.....	2.40	2.63	.....	.....	.....	.....	.....	.....	.....	.....	.....
Millbank	0.65	T.	2.51	3.73	0.50	2.12	T.	0.76	1.70	2.28	0.10	T.	14.35
Mitchell	.....	.....	.....	.....	0.81	0.54	.....	.....	.....	.....	.....	.....	.....
Northville	0.57	0.07	1.53	3.54	0.10	2.60	0.92	2.50	1.12	2.28	0.39	T.	15.62
Oelrichs	1.70	2.25	4.31	2.85	1.00	1.83	2.90	0.22	0.80	0.65	0.60	0.20	19.31
Ordway	.....	.....	.....	.....	0.36	7.37	0.54	.....	.....	.....	.....	.....	.....
Parker	0.45	T.	1.77	5.39	0.45	1.27	0.20	1.30	0.40	.....	.....	1.00	.....
Parkston	0.44	0.07	1.01	3.86	0.99	0.74	0.36	.....	1.11	1.45	0.20	T.	.....
Piedmont	0.36	0.13	5.59	3.64	1.23	4.72	1.06	0.92	0.62	0.48	0.54	0.18	19.47
*Pierre	0.46	0.04	1.60	1.56	0.46	1.14	0.81	0.21	0.73	0.58	0.15	0.08	7.82
Plankinton	.....	.....	.....	.....	0.59	2.81	1.33	0.66	1.45	1.36	0.20	0.05	.....
*Rapid City	0.41	0.17	1.18	4.24	0.72	4.17	1.31	0.35	0.65	0.16	0.34	0.05	13.75
Rockford	.....	.....	.....	2.74	1.49	5.41	3.97	0.79	0.57	1.01	0.93	0.77	.....
Rosebud	1.50	0.80	2.46	4.33	0.27	2.50	0.89	1.30	0.44	0.44	.....	0.10	.....
Shiloh	.....	.....	1.75	.....	0.22	1.08	2.84	0.01	.....	0.31	0.15	0.10	.....
Silver City	.....	.....	.....	3.23	0.69	5.20	4.13	3.76	0.61	.....	2.35	.....	.....
Sioux Falls	1.09	T.	0.57	2.87	0.48	1.86	0.90	1.29	0.62	0.75	0.15	0.45	10.53
Spearfish	1.62	0.73	7.40	4.76	3.52	5.12	1.35	0.33	0.92	0.81	1.31	0.82	28.69
Tyndall	1.10	0.20	0.50	3.56	0.49	1.38	1.67	2.07	1.96	1.81	T.	T.	14.74
Vermillion	[4]0.13	.....	0.52	3.00	.....	.....	.....	.....	.....	.....	.....	1.04	.....

[1] Cotton region observer. [2] River observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
South Dakota—Continued.													
Watertown	1.23	0.05	1.32	3.39	.....	1.85	.....	.....	.....	.....	.....	T.	.....
Webster	1.92	0.70	3.52	7.29	0.63	3.89	0.78	1.60	1.81	3.45	0.91	0.12	26.62
Wentworth	0.35	T.	1.04	3.28	0.41	1.00	0.20	1.26	.....	.....	.....	.....	.....
Wessington	.....	.....	.....	2.80	0.80	2.52	2.90	0.91	1.22	1.92	0.26	0.00	.....
Wessington Springs	1.38	0.22	1.49	1.73	0.54	1.96	0.12	0.82	1.39	1.23	T.	T.	10.88
*Yankton	0.57	.....	.....	3.68	1.72	1.48	0.29	2.04	2.08	1.24	0.05	0.51	.....
Tennessee.													
Andersonville	2.69	6.66	2.21	2.60	3.60	1.47	4.05	3.25	2.21	1.51	0.73	.....	.....
*Arlington	.....	.....	.....	.....	3.43	1.32	4.09	3.23	1.65	0.34	0.56	.....	.....
Ashwood	5.54	9.56	3.61	4.58	1.59	3.81	3.62	3.40	3.79	0.39	2.15	3.16	45.20
*Bolivar	.....	9.24	7.83	7.50	3.29	2.14	4.48	2.22	1.23	0.35	1.37	.....	.....
Bristol	.....	2.42	1.77	1.80	.....	3.18	3.63	7.06	3.35	1.57	1.17	3.70	.....
*Brownsville	.....	.....	.....	.....	3.83	2.03	2.75	2.88	2.30	0.03	0.23	.....	.....
Byrdstown	3.55	6.00	2.15	3.46	3.08	2.33	3.70	3.20	2.72	1.04	2.24	5.80	39.27
*Carthage	4.36	8.43	3.71	2.84	4.19	2.77	2.27	5.55	2.54	1.22	1.76	4.75	44.39
*Charleston	5.21	5.81	3.85	2.47	.....	.....	.....	.....	.....	.....	.....	6.78	.....
*Chattanooga	4.63	5.22	4.61	2.00	1.53	1.77	3.66	2.96	1.67	2.18	0.54	6.45	37.22
Clarksville	3.51	7.89	3.87	5.54	3.80	2.22	4.10	1.87	1.96	0.52	1.19	3.05	39.52
*Clinton	4.21	7.34	3.14	2.79	3.19	1.48	4.45	1.95	0.33	1.87	1.00	7.52	38.27
*Columbia	5.24	9.59	3.66	5.12	3.36	2.92	4.73	3.29	3.05	0.39	2.34	4.11	47.80
Covington [1]	4.08	12.17	9.49	6.67	5.75	1.96	5.27	1.92	2.24	0.30	0.70	3.60	54.17
*Covington [2]	.....	.....	.....	.....	6.28	1.28	5.88	1.82	2.27	0.03	0.69	.....	.....
*Dyersburg	.....	.....	.....	.....	3.73	0.76	5.62	2.56	1.50	0.27	0.00	.....	.....
Florence Station	5.04	8.86	3.94	3.42	5.13	2.34	3.01	1.93	3.10	0.61	2.23	4.62	44.23
Franklin	4.76	9.92	4.29	3.64	4.76	.....	.....	4.50	1.47	0.51	1.69	4.29	.....
Greeneville	3.21	6.41	1.73	2.54	4.54	4.13	3.20	6.66	1.88	2.17	0.37	3.70	40.54
Harriman	.....	.....	2.86	.....	.....	.....	.....	1.47	.....	.....	.....	6.07	.....
Harrogate	.....	6.81	2.29	4.41	5.67	.....	.....	.....	.....	.....	.....	.....	.....
Hohenwald	5.58	10.10	4.12	5.49	2.91	4.76	5.25	3.67	1.64	0.58	1.97	5.27	51.34
Jacksboro	3.25	6.85	2.42	3.08	4.62	3.51	4.55	3.08	0.99	1.82	2.04	6.80	43.01
Jackson	3.35	6.95	5.70	4.50	4.82	0.70	2.50	4.07	0.90	T.	0.55	.....	.....
Johnson City	3.06	4.97	.....	.....	.....	.....	.....	.....	.....	2.43	.....	.....	.....
*Johnsonville	3.36	6.09	3.80	4.23	3.34	1.66	3.31	2.15	2.81	0.37	1.07	3.23	35.42
*Kingston	4.19	8.82	2.33	3.14	.....	.....	.....	.....	.....	.....	.....	5.52	.....
*Knoxville	3.80	7.37	2.37	2.81	3.85	1.43	2.24	4.79	0.47	1.50	0.55	6.26	37.44
*Loudon	4.80	6.51	2.61	3.00	4.83	2.50	2.70	4.35	2.35	2.05	0.30	6.72	42.72
Lynnville	7.12	8.90	4.59	3.99	2.38	2.57	6.63	6.13	3.15	0.51	1.74	5.87	53.58
McKenzie	.....	.....	.....	.....	.....	0.30	.....	.....	.....	.....	.....	.....	.....
McMinnville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.13	4.26	.....
*Memphis	4.03	7.94	10.90	8.45	5.70	2.60	3.27	5.11	1.60	0.55	0.49	3.88	54.52
*Milan	.....	.....	.....	.....	5.07	1.42	2.77	5.20	1.58	0.42	0.52	.....	.....
*Nashville	4.28	8.65	2.69	4.05	2.53	3.55	5.45	2.43	3.07	0.53	1.92	2.81	41.96
Newport	4.62	6.07	2.18	2.40	4.51	4.93	4.55	4.29	1.47	1.57	0.60	4.56	41.75
Nunnelly	4.49	8.11	4.15	5.52	4.59	2.11	4.46	2.33	2.25	0.60	2.38	4.61	45.60
Palmetto	5.90	9.01	4.33	4.00	3.13	2.27	8.42	4.14	4.60	0.70	1.74	4.70	52.94
Parksville	4.06	4.74	2.98	2.63	2.79	1.81	4.01	2.94	0.57	2.82	0.55	6.85	36.75
Pikeville	4.38	.....	.....	3.80	2.34	1.76	.....	.....	.....	.....	.....	.....	.....
Riddleton	3.07	8.87	3.72	3.18	3.04	6.28	3.51	5.32	2.01	1.34	2.12	3.60	46.06
*Rockwood	4.54	9.46	2.90	2.81	3.97	4.17	1.47	1.14	0.70	2.64	0.91	6.93	41.64
*Rogersville	2.92	5.46	2.01	2.57	3.06	5.47	4.48	5.74	2.51	1.52	1.30	5.51	42.55
Rugby	4.20	7.70	2.43	3.23	3.96	1.05	2.61	6.31	2.19	1.61	.....	4.12	.....
St. Bethlehem	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.57	0.75	3.18	.....
Savannah	4.57	9.07	5.19	4.38	2.11	3.55	5.37	6.33	.....	.....	.....	.....	.....
Springdale	2.95	5.51	2.55	2.60	4.00	3.35	3.10	4.05	0.90	1.05	2.50	5.00	38.56
*Strawberry Plains	1.83	3.70	1.21	1.48	.....	.....	.....	.....	.....	.....	.....	2.97	.....
Trenton	3.99	8.90	6.57	6.74	3.49	1.17	4.11	2.58	2.00	0.47	0.46	.....	.....
Tullahoma	.....	.....	4.90	2.90	0.90	1.50	.....	.....	1.30	0.60	1.10	7.30	.....
Waynesboro	7.20	9.81	4.70	4.46	1.97	1.82	6.22	7.91	1.57	0.60	1.50	3.65	51.41
Wier	4.67	8.90	4.10	3.08	2.89	.....	.....	.....	.....	.....	.....	.....	.....
Texas.													
*Abilene	1.24	0.75	1.66	1.23	6.49	3.30	0.79	6.79	0.54	1.17	T	0.43	24.39
Albany	1.11	0.15	1.88	2.18	5.47	1.59	2.39	4.62	1.94	0.88	0.00	0.49	22.70
Alice	.....	.....	.....	.....	1.60	1.01	0.90	6.20	3.70	0.00	0.00	2.00	.....
*Amarillo	0.02	1.15	0.05	0.85	1.30	3.59	1.82	3.41	2.41	0.39	0.00	0.82	15.81
Arlington	1.98	3.23	5.26	4.56	2.31	1.45	2.02	3.18	1.97	0.89	0.16	.....	.....
*Arthur City	0.73	5.41	9.53	7.62	1.93	0.06	1.88	2.44	2.40	0.75	0.83	1.60	35.18
Aurora	0.49	3.81	4.89	1.83	3.40	0.89	2.40	5.07	2.10	0.96	0.16	1.53	27.53
Austin	1.45	0.60	.....	.....	3.85	1.00	T.	5.30	0.70	1.30	0.00	0.00	.....
Beaumont	.....	.....	.....	.....	.....	.....	7.37	8.77	5.33	2.10	0.10	.....	.....
Bellville	.....	.....	.....	.....	.....	.....	1.31	7.46	0.50	.....	0.00	0.25	.....
*Belton	2.05	2.33	4.84	7.44	3.05	5.34	1.54	3.88	2.36	1.63	0.32	.....	.....
Boerne	1.68	1.16	1.10	7.78	6.05	2.17	0.15	6.87	1.97	2.72	0.07	0.22	31.93
Brady	0.49	0.29	1.16	1.55	3.85	1.99	1.65	2.69	4.80	1.08	0.00	0.18	19.73
Brazoria	2.51	3.39	3.77	5.53	0.11	5.50	4.10	11.50	8.46	1.00	1.76	2.23	49.86
*Brenham	4.86	1.54	3.95	4.10	1.30	2.42	1.45	8.62	1.81	1.75	0.41	0.82	33.03
Brownwood	0.27	0.82	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burnet	1.42	0.73	2.57	6.34	3.60	1.35	1.50	6.03	1.57	1.54	0.00	0.67	27.32
Camp Eagle Pass	0.39	0.05	0.03	0.93	5.96	0.35	0.15	5.97	6.14	0.06	0.00	0.00	20.03
Childress	0.38	0.60	T.	4.64	0.83	5.93	1.20	2.26	0.55	2.41	.....	.....	.....
Coldwater	0.13	0.85	0.10	2.45	5.40	3.94	1.19	6.61	.....	.....	.....	0.85	.....
Coleman	.....	.....	2.65	1.31	5.12	2.96	1.44	7.77	0.69	0.38	0.00	0.40	.....
College Station	3.54	2.07	2.56	3.24	1.66	1.88	.....	7.01	1.52	1.17	0.30	0.26	.....
*Columbia	0.79	1.86	4.03	5.00	0.15	8.53	2.25	7.26	2.32	0.14	0.90	0.87	34.10
*Corpus Christi	1.59	1.59	0.66	5.10	1.63	1.23	4.87	7.65	3.00	0.14	0.01	0.64	28.11
Corsicana (near)	1.81	1.32	4.47	9.14	2.78	2.14	3.12	4.37	.....	.....	.....	.....	.....
*Corsicana	1.96	2.46	3.47	8.37	1.55	5.64	1.59	5.69	2.28	1.31	1.25	0.99	36.56
*Cuero	4.18	0.85	0.65	1.58	1.31	4.75	2.47	6.33	4.40	0.40	0.25	0.07	27.24
*Dallas	1.79	3.24	6.51	5.72	2.81	3.35	1.79	5.44	4.07	0.35	0.43	1.19	36.66

[1] J. I. Hall.

[2] Cotton region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Texas—Continued.													
Devine	0.61	0.75	0.46	2.44	2.75	0.30	0.86	7.95	[d]3.35	0.29			
Durham	0.00	0.00	0.00	1.27	0.00	3.63	2.07	2.65	1.15	0.32	T.	0.01	11.10
Duval	1.20	1.15	3.45	6.35	5.30	4.35	0.15	6.65	0.15	1.25	0.10	T.	30.10
Eastland	0.50	0.20		1.45	9.70	5.30	6.20	9.60					
*El Paso	0.33	0.29	0.13	0.01	0.01	0.01	1.40	0.64	0.40	0.39	0.00	0.63	4.24
Estelle	1.80	2.84	5.75	3.08	1.85	1.89	0.87	5.06	2.11	0.88	0.18	0.97	27.28
Flower Bluff	1.39	0.61	0.15	1.27	1.91	1.60	1.21	8.11	4.03	0.94	0.03	0.00	21.25
Forestburg	1.41	0.95	5.93	2.79	6.21	3.02	1.53	3.51	3.04	0.00	0.00	0.70	29.09
Fort Brown	1.64	0.68	0.89	0.04	2.20	0.55	6.39	2.78	2.66	0.10	0.29	0.11	18.32
Fort Clark	1.32	0.00	0.00	4.66	6.49	0.05	0.05	8.55	9.22	0.22	0.00	0.20	30.76
Fort Hancock	0.00	0.00	0.20	0.62	0.00	0.17	1.81	2.07	1.95	0.00	0.00	0.36	7.18
Fort McIntosh	0.72	0.20	0.00	2.20	5.25	1.30	1.10	4.19	2.61	0.00	0.00	0.00	17.57
Fort Ringgold	1.00	0.20	0.00	2.10	6.90	3.00	4.00	3.50	1.00	0.10	0.00	0.00	21.80
Fort Stockton									4.15	1.10	0.00	0.27	
Fort Worth										0.73	0.23	1.02	
Fredericksburg	2.50	1.28	0.97	10.34	3.37	1.45	1.16	5.11	4.20	1.43	0.00	0.19	32.00
Gainesville	2.19	1.66	7.40	2.54	4.29	1.46	4.25	2.59					
*Galveston	2.41	2.69	1.96	1.42	1.00	9.89	6.32	9.49	2.64	0.51	1.59	0.72	40.64
Golindo			3.65	11.15	2.00	1.90	0.50	4.20	1.20	1.00	0.60	0.50	
Graham	1.81	0.74	3.51	3.80	11.67	4.06	1.20	3.54	1.13	0.57	0.00	0.66	32.69
Grape Vine	1.30	4.20	5.64	2.40	2.48	1.33	2.08	3.94	2.68	0.63	0.32	1.54	28.54
Hale Center			0.00	T.	2.90	2.50	2.25	4.00	1.75	1.00	0.00	0.50	
Hallettsville	5.30	1.12	1.64	3.58	1.20	3.96	1.84	8.91	3.49	2.01	0.40	0.79	34.24
Happy						[d]1.40	3.23	3.63	2.26	1.33	T.	0.20	
Hartley	0.10	0.25	0.52	1.95	4.85	3.80	0.25	1.50	3.65	T.	T.	0.80	17.67
Haskell	0.78	0.11	1.24	0.89	7.46	6.79	0.33	2.09	0.22	0.69			
*Hearne					2.65	2.90	0.70	5.20	3.10	1.50	1.15		
Hewitt			2.63	11.62	7.45	1.90	1.17	2.90	1.85	0.85	T.	0.60	
Highland	0.30	1.76	2.35	3.00	8.85	0.90	3.60						
*Houston	3.59	4.17	5.01	1.45	2.31	5.45	2.69	5.75	3.25	0.69	0.84	1.05	36.25
*Huntsville		2.64	4.35	2.45	1.60	3.82	1.19	6.13	6.35	0.46	0.65	3.11	
Jefferson							0.76	4.05	0.33	0.25	0.46		
Kent		0.02	0.00	0.18	1.35	2.58	0.09	2.89	2.07	2.41	0.00	0.31	
Kyle	2.56	1.25	2.12	2.99	4.94								
Lampasas						2.04	1.22	4.87	1.62	1.25	T.	2.24	
*Laredo	0.16												
Leakey								9.80	4.60	2.70	0.00	0.00	
Llano	0.09	0.70	0.90	2.10	2.20	4.20	0.60	5.70	2.00	1.40	0.00	1.40	21.29
*Longview	4.44	3.40	7.07	4.25	1.24	2.62	5.50	6.34	2.06	0.21	1.60	3.66	42.39
*Luling	1.94	1.07	0.72	6.12	1.54	2.55	0.43	5.14	0.79	1.28	0.00	0.07	21.65
McGregor	1.15	2.30	5.24	7.29	3.84	1.14							
Marshall	4.30			5.30	2.60	1.95	5.15	4.75	5.25	1.85	1.80	2.60	
Menardville	0.31	0.18	0.78	0.77	2.97	0.88	0.75	4.04	4.20	0.59	0.00	0.00	15.47
Midland					2.25	0.85	0.60	0.97	1.40	0.32	0.00	0.30	
Mountain Spring	1.17	2.68	9.35	2.88	3.28	2.37	4.88	3.38	3.83	0.62	0.65	1.00	36.09
New Braunfels	0.93	0.58	1.14	3.07	3.59	3.45	1.03	8.12	0.81	1.91	0.00	0.00	24.63
Ochiltree				2.10	2.30	1.75	2.05	5.03	3.07	0.09			
*Orange	3.69	6.61	3.09	1.36	0.22	11.07	4.88	11.64	3.97	1.03	3.30	0.60	51.46
*Palestine	2.28	3.68	4.59	6.47	1.83	4.03	2.76	5.45	10.04	1.04	1.90	1.98	46.05
Panter	1.42	3.19	2.19	2.81	4.43	2.18	5.67	3.51	[b]2.55	2.41	T.	0.67	
*Paris		5.13	7.64	7.70	1.63	1.02	2.13	2.13	2.52	0.93	1.86	0.48	
*Rio Grande City	0.39												
Roby	0.42	0.31	0.16	1.43	2.71	8.68	0.00	8.10	1.41	2.39	0.00	[c]0.91	26.52
Rock Springs			0.97	3.17	5.19	T.	0.95	7.91	3.13	1.49	0.00	T	
Round Rock	2.02	1.33	3.32	2.98	3.55	1.94	1.25	4.43	1.33	1.18	0.00	0.33	22.66
*San Antonio	1.42	0.52	0.80	2.65	1.71	3.09	0.60	8.55	1.48	0.89	T.	0.04	21.75
San Antonio[1]	1.25	0.48	0.77	2.63	1.67	0.72	0.66	8.92	1.21	0.96	0.09	0.02	19.38
San Marcos[2]	1.41	1.07	1.84	3.50	3.59	4.47	0.23	3.18	1.29	2.05	0.00	0.09	22.72
*San Marcos[3]							0.25	3.34	1.33	1.98	0.00		
*Sherman					3.51	0.68	4.30	2.43	4.16	0.84	[d]1.18	1.02	
Sierra Blanca			0.00		0.00	0.00	2.85	2.01			0.00	0.00	
Silver Falls	0.65	0.12	T.			0.28	0.27	4.21	0.06	0.20	0.00	T.	
Sugar Land				3.40	1.38	3.17	3.85	7.61	4.71				
Sulphur Springs	2.39	6.14	7.34	7.93	4.37	1.47	2.76	3.64	3.42	0.45	1.10	3.95	44.96
Temple	1.71	2.37	4.63	9.05	5.00	0.70	1.25	2.44	0.82	2.20	1.00	1.22	32.39
Twohig		1.50											
*Tyler					1.27	0.87	2.32	2.69	3.72	0.75	1.96	1.64	
Victoria	[1]3.00	1.26	2.12	2.82	1.03	4.57		6.94	6.39	T.	0.63	T.	
*Waco	2.00	2.62	7.05	9.65	3.66	2.34	2.60	8.00	1.80	0.80	0.68	0.15	41.35
*Weatherford	0.93	3.16	4.20	1.71	4.55	3.50	5.03	6.60	1.97	0.86	0.10	0.99	33.60
Wichita Falls	1.38	0.88	2.29	3.14	5.61	3.12	1.25	3.19	1.23	0.40	T.	1.28	23.77
Utah.													
Alpine City							0.55	1.65	1.90			2.92	
Blue Creek	0.70	1.20	0.95	0.15	0.50	0.55	0.20	0.00	1.10	1.60	0.00	1.00	7.95
Brigham City							0.05						
Castle Gate	0.67	0.83	1.78	0.08	0.24	0.96	0.51	0.19				1.70	
Cisco	0.30	0.77	1.02	0.48	0.16	T.	0.82	0.20	0.83	0.70	0.00	0.91	6.19
Coalville		1.17	1.85	0.50	0.99	1.46	[d]0.65	1.32	0.91	1.12	0.44	1.45	
Corinne	1.15	1.90		0.61	0.42	0.30	0.00	0.10	1.58	0.36	0.15	1.34	
Deseret	0.35	1.35	0.53	0.64	0.43	1.29	0.25	0.23	1.67	0.39	0.00	0.88	8.01
Emery								2.37	2.12	0.35	0.20	3.70	
Fillmore	0.70	0.56	1.04	2.43	0.64	2.04	0.34	1.19	1.94	0.41	0.31	1.77	13.37
Fort Duchesne	0.06	0.19	0.56	T.	0.20	0.34	0.26	0.30	1.88	0.34	0.00	0.69	4.84
Glendale		1.60	1.33		0.10			0.75					
Green River											0.00	0.50	
Grouse Creek	2.87	1.28	1.93	1.51	0.53	1.01	0.66	0.46	0.93		0.00	1.31	
Grover												0.37	
Heber	3.65	1.60	1.65	0.41	0.54	0.79	0.62	1.16	2.47	1.70	0.00	2.60	17.19
Kelton	1.70	0.70	1.30	0.10	0.20	1.35	0.00	0.00	2.25		0.18	0.80	

[1] G. A. Duerlin, jr. [2] G. W. Knight. [3] Cotton region observer.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Utah—Continued.													
Koosharem	0.17	0.33	0.97	0.26	0.30	0.38	0.87	1.35	0.88	0.24	0.01	0.72	6.48
Lake Park	0.01												
Lake Station					0.50		T.						
Levan	1.70	1.55	1.20	2.30	0.96	1.71	0.95	0.89	2.87	0.85	0.00	2.75	17.73
Loa	0.13	0.55	1.41	0.13	0.25	0.19	1.05	1.56	0.37	0.49	0.00	0.79	6.92
Logan	1.86	1.45	1.81	1.41	0.83	0.74	0.28	0.58	2.60	0.67	T.	2.13	14.36
Lonce	0.30	0.40	1.40	T.	0.03	T.	1.00	1.70	0.80	0.03			
Manti	1.20			0.60	T.	0.15		0.17	1.91	0.20		1.60	
Millville							0.46	0.07	1.87		0.00	4.18	
Moab	0.33	0.60	0.74	0.58	0.68	0.24	0.02	0.66	0.69	0.79	0.00	1.23	6.56
Moroni							0.52						
Mount Pleasant			1.70	0.51	0.34	0.80	0.80	0.40	2.10	0.10	0.00	1.86	
Ogden[1]	3.08	0.75	2.45	2.05	0.94	0.80	T.	0.65	1.77	1.00	0.25	2.30	16.04
Ogden[2]	2.48	1.02	1.43	1.92	1.04	0.87	0.00	0.64	1.59	0.61		1.86	
Parowan	1.65	0.85	2.65	1.27	0.55	0.57	0.78	1.40	0.72	0.65	T.	1.88	12.97
Promontory	0.75	1.15	0.70	0.85	0.75	1.60	0.20	2.10	1.50	0.50	0.00	1.77	11.87
Provo City	2.35	1.50	1.30	0.40	0.10	0.50	0.30		0.39			1.70	
Randolph	0.20	1.26	1.85	0.75	0.09	0.62	1.28	0.33	1.94				
Richfield	0.95	0.60	1.25	1.12	0.02	0.91	0.83		1.15	0.23			
St. George	0.21	0.40	0.18	0.01	0.00	0.00	0.26	0.49	0.04	0.06	0.00	1.90	3.55
*Salt Lake City	1.31	0.83	1.73	1.67	1.22	1.38	0.92	0.87	2.87	1.01	0.28	1.28	15.27
Scipio							0.68	1.53	2.08		0.00	2.00	
Scofield			1.96	0.39	1.70	4.00	0.71	2.04	0.97				
Silver Lake	6.60	4.70	7.60	3.00		1.20							
Singletree	T.	1.04	0.82	0.20	0.35	0.65	3.59	1.11	0.86	0.04	0.00		
Snowville	2.20	1.00	2.08	0.65	0.41	1.00	0.49	0.14	0.75	0.54	0.00	2.55	11.81
Soldier Summit	3.55	2.20	3.40	0.33	0.45	0.55	1.01	0.17	0.89	0.56	0.00	4.10	17.21
Terrace	0.85	0.50	1.10	T.	0.50	0.01	T.	0.00	1.50	T.	0.00	0.96	5.42
Thistle	1.60	2.25	1.50					1.24	1.80	0.18	0.25	3.53	
Vernal											0.00	1.16	
Vermont.													
Brattleboro	1.85	2.29	1.06	1.37	2.62	1.28	1.90	0.32	4.21	2.22	3.00	3.00	25.12
Burlington	1.30	0.99	1.31	0.86	3.54	1.45	1.57	1.49	2.88	3.59	1.96	2.02	22.96
Cornwall	2.53	3.05	0.45	0.88	2.32	3.94	2.69	2.35	1.90	3.66	3.64	2.68	30.09
Enosburg Falls	2.45	2.35	2.40	1.86	4.96	3.19	5.51	3.09	3.70	5.26	2.29	1.91	38.97
Hartland	2.57	2.04	1.31	2.17	3.83	4.41	2.83	2.58	4.58	4.25	2.58	2.88	36.03
Irasburg	4.10	3.45	2.20	1.64	5.07	2.46	4.12	2.89	2.10	4.03	3.68	4.52	40.26
Jacksonville	2.87	2.72	2.19	2.66	3.52	0.96	1.69	0.76	5.08	5.08	2.83	4.49	35.25
*Northfield	2.56	1.54	1.06	1.32	3.33	1.71	1.64	3.23	2.99	3.50	2.58	3.46	28.92
Norwich	2.49	1.97	1.18	1.69	4.08	4.38	2.00	2.55	4.14	3.48	2.37	2.71	33.04
St. Johnsbury			2.30	1.86	3.53	2.55	1.62	2.92	2.34	1.77	1.97	2.45	
Simonsville							2.77	0.61	4.11	3.89		2.20	
Strafford	3.45	3.80	1.10	1.40	4.01	6.15	1.22	2.95	3.70	3.10	3.42	3.00	37.30
Vernon	2.08	2.31	1.28	1.70	2.69	2.24	2.34	0.57	6.13	4.15	2.83	3.04	31.36
Wells	1.96	1.61	1.54	1.35	2.70	3.25	2.37	2.41	3.31	3.67	2.62	1.91	28.70
Woodstock	2.71	2.20	1.50	1.83	3.71	2.93	2.25	2.95	4.07	4.27	2.58	2.13	33.13
Virginia.													
Abingdon	3.25	4.91	2.19	2.11	3.39	3.40	6.18	5.45	1.28	2.05	1.20	3.41	38.82
Alexandria	2.02	5.15	0.89	2.63	5.60	1.05	2.94	1.38	1.13	2.91	1.66	2.72	30.08
Ashland	2.43	4.35	1.52	2.38	6.93	0.86	3.73	4.44	5.72	4.84	2.79	2.44	42.43
Avon	1.76	4.42	0.77	2.58	4.32	2.38	3.55	3.21	6.70	3.42	0.53	2.84	36.48
Bedford City	2.73	4.03	0.68	1.51	3.27	1.41	1.88	4.54		4.19	1.35	2.47	
Big Stone Gap	2.41	6.16	2.34	3.52	5.23	3.70	3.94	4.17	1.70	1.87	1.71	4.87	41.62
Birdsnest	3.86	7.50	3.15	4.20	3.40	1.95	3.80	7.85	7.00	5.50	1.30	2.03	51.54
Blacksburg	1.69	3.40	1.00	1.17	2.81	2.00	3.52	2.00	1.84	2.82	0.85	2.81	25.81
Buchanan	1.57	3.61	0.50	1.80	3.17	1.51	3.20	2.40	4.42	2.90	0.71	2.84	28.63
Buckingham						0.54	3.03	3.03	7.60	4.41	2.00	2.87	
Callaville										[3]3.99	1.31	2.65	
Cape Charles	3.03	5.14	2.31	2.84	4.09	2.33	8.10	1.59	6.22			2.44	
*Cape Henry	3.52	5.95	2.77	1.76	3.75	2.20	7.18	6.11	4.85	4.31	1.28	2.69	46.37
Charlottesville	2.15	5.43	0.86	2.34	2.68	1.08				3.72			
*Christiansburg	1.63	2.28	0.33	0.75	3.73	2.15	1.41	1.44	1.82	3.15	0.52	3.05	22.23
*Clarksville	2.96	4.77	1.75	2.54	4.48	2.46	4.90	3.59					
Dale Enterprise	1.16	3.57	0.50	1.60	5.70	1.40	2.24	1.70	5.96	2.36	0.58	2.45	29.22
*Danville	2.61	5.53	1.29	1.42	4.38	0.51	2.95	3.31					
Falls Church	1.88	3.84	1.02	3.22	5.34	1.14	2.68						
Fredericksburg	1.17	3.49	1.38	2.58	4.04	0.84	2.51	3.75	2.30				
Grahams Forge					3.56	3.20	2.91	1.61	1.56		0.47	2.60	
Hampton	3.06	4.90	2.97	2.62	4.97	1.54	3.43	9.99	5.31	3.83	0.88	2.06	45.56
Hot Springs	1.10	4.11	1.01	1.63	3.39	2.43	1.45	1.03	4.83	2.50	1.00	3.13	27.61
Houston				1.08	3.83	1.89	4.90	2.72	5.35				
Irwin	2.52	4.24	1.38	1.78	3.52	2.56	6.54	4.54	5.44	3.08	1.92	1.80	39.32
Lexington	1.55	4.09	0.61	1.76	3.85	4.29	3.53	1.29	2.41	3.74	0.98	2.36	30.46
*Lynchburg	2.11	4.92	0.95	1.64	4.63	1.23	4.87	2.57	4.16	3.64	1.68	3.44	35.84
Marion	2.85	3.99	2.83	3.54	3.70	3.19	4.95	3.43	1.19	2.00	2.00	2.80	36.47
*Norfolk	3.54	5.53	2.94	2.11	3.47	3.36	8.01	8.45	6.49	6.05	0.86	2.28	53.09
Nottoway	3.22	5.07	1.83	2.40	5.97	2.39	4.35	2.73	7.30	4.22	1.39	2.21	43.08
Petersburg	3.06	3.80	2.02	3.47	5.68	1.96	4.58	2.56	8.15	3.70	1.78	2.66	44.42
Richmond (near)	3.42	4.12	1.39	3.19	6.65	5.40	2.85	4.93	7.22	4.69	1.53	2.80	48.19
Richmond	3.30	4.68	1.32	3.20	5.32	2.26	5.59	4.23	7.27	4.19	1.97	2.81	46.14
*Riverton	1.16	4.15	1.24	2.70	7.14								
Rocky Mount					2.92	1.12	3.44	1.32	2.91	3.04	1.60	3.40	
Salem	1.61	3.38	0.95	1.42	2.74	2.01	3.77	1.96	2.66	3.09	0.78	3.00	27.28
*Saluda	2.02	4.96	1.90	3.46	2.45								
Smithville						1.62	4.77	2.84	3.18	4.37	1.15	1.52	
Spottsville	2.99	4.51	2.89	2.67	3.86	2.79	6.90	6.03	6.86	5.06	1.29	2.02	47.87
Stanardsville	2.79	3.09	0.69	2.94	3.38	1.82	3.86	3.91	3.48	3.96	1.61	3.02	34.55

[1] Pacific Railway system.

[2] W. W. Crossman.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Virginia—Continued.													
Staunton	1.21	3.32	0.42	1.57	3.33	2.63	1.61	2.13	7.16	3.45	1.22	2.48	30.54
Stephens City	0.94	4.73	0.87	2.85	8.11	2.57	4.00	1.78	3.91	3.18	1.19	2.95	37.08
Warrenton	.....	.....	.....	.....	5.93	2.64	1.95	1.67	.....	.....	.....	.....	.....
Warsaw	1.98	3.86	1.01	3.05	4.47	0.90	4.54	2.98	2.97	3.58	2.45	1.61	33.40
Whittles Depot	.....	.....	.....	.....	2.86	1.02	1.82	2.66	3.55	3.56	1.34	3.83	.....
Woodstock	1.17	3.10	0.76	1.95	2.92	.....	.....	.....	.....	.....	.....	.....	.....
Wytheville	2.03	2.64	1.82	1.55	2.31	3.33	6.84	2.95	0.90	3.24	2.14	2.03	31.78
Washington.													
Aberdeen	17.17	12.28	12.53	5.47	3.39	3.61	0.35	0.25	6.80	9.25	10.84	8.36	90.30
Anacortes	5.82	2.98	2.56	4.42	4.52	2.36	0.02	0.12	2.32	3.38	6.30	2.94	37.74
Blaine	5.77	2.65	5.33	8.23	4.64	4.37	0.46	0.03	4.44	4.97	6.56	3.88	51.33
Bridgeport	0.12	0.45	0.96	0.14	2.11	0.43	T.	0.00	0.15	0.88	0.11	2.00	7.35
Cascade Tunnel	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.47	15.46	5.24	.....
Centerville	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.25	0.37	1.48	.....
Chehalis	8.27	5.33	6.86	3.45	1.55	3.29	0.07	0.14	3.62	5.94	2.85	5.23	46.60
Colfax	5.70	1.75	4.99	2.01	2.44	0.56	0.45	0.03	1.24	3.34	2.02	1.29	25.82
Conconully	.....	.....	.....	.....	.....	.....	2.15	0.01	.....	.....	0.49	2.40	.....
Connell	1.38	0.35	0.68	0.57	.....	.....	.....	.....	.....	.....	.....	.....	.....
Davenport	1.66	0.32	1.21	0.63	1.40	0.91	0.84	0.11	0.16	0.80	.....	.....	.....
Dayton	5.49	1.68	5.60	.....	.....	0.20	0.00	T.	1.60	.....	.....	.....	.....
*East Clallam	17.95	13.14	13.99	9.60	3.67	3.81	0.58	0.80	7.64	10.95	10.99	8.03	101.15
East Sound	5.23	2.37	3.12	3.32	3.52	1.97	0.25	0.14	3.76	3.66	6.18	1.92	35.44
Elbe	13.37	8.62	9.75	7.59	4.37	6.59	0.74	0.64	7.27	9.53	9.73	4.79	82.99
Ellensburg (near)	2.72	1.01	1.05	0.52	0.50	0.75	T.	0.00	0.00	1.02	1.75	0.76	10.08
Ellensburg	1.21	0.81	1.03	0.67	0.46	0.53	0.00	0.00	0.13	0.94	0.99	1.04	7.81
Everett	.....	.....	.....	.....	.....	.....	.....	.....	3.65	4.02	5.45	4.05	.....
Ferry	9.81	8.76	8.91	6.03	3.05	6.13	0.50	0.25	4.97	8.36	7.55	5.48	69.80
*Fort Canby	11.02	9.12	9.70	5.42	1.82	3.22	0.43	0.15	5.53	10.12	8.23	5.35	70.11
Fort Simcoe	1.45	1.28	2.18	0.73	0.96	0.33	T.	0.00	T.	1.55	0.99	3.20	12.67
Fort Spokane	2.74	0.88	2.12	0.54	0.50	0.35	T.	0.01	0.12	0.33	1.42	1.90	10.90
Fort Townsend	4.53	1.76	1.92	2.36	2.57	3.26	0.20	0.37	1.81	2.00	3.29	3.55	27.62
Grand Mound	.....	.....	7.98	2.81	1.67	3.58	0.05	0.05	3.56	6.54	8.54	5.86	.....
Hunters	3.37	2.03	2.06	1.34	2.18	1.69	0.25	0.22	1.59	2.63	0.81	1.58	19.75
Index	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.33	16.61	8.84	.....
Kennewick	.....	0.34	0.54	0.92	0.21	0.34	0.00	T.	0.15	0.54	0.15	0.55	.....
Lakeside	1.08	0.80	1.19	0.34	1.37	1.20	T.	0.06	0.05	1.37	0.89	2.63	10.98
Lapush	13.22	10.33	13.14	12.72	2.59	3.88	1.10	0.62	8.03	8.41	9.91	8.86	92.81
Madrone	6.41	5.41	7.81	3.20	1.61	3.37	0.07	0.08	3.20	4.74	6.17	4.95	47.02
Moxee Valley	1.10	0.33	1.61	0.74	0.76	1.13	T.	T.	0.07	0.61	0.38	2.84	9.57
*Neah Bay	18.50	15.52	13.70	15.57	6.86	4.48	1.70	0.68	13.84	13.93	14.76	11.98	131.52
Olga	4.34	2.10	3.78	4.97	3.83	2.53	0.54	0.12	2.79	3.98	6.22	1.76	36.77
*Olympia	10.14	7.37	8.89	3.75	1.56	2.40	0.37	0.13	3.66	7.17	8.37	4.76	58.57
Pine Hill	6.66	3.44	8.10	1.13	1.01	2.66	0.24	T.	1.88	2.79	1.66	3.58	33.15
Pomeroy	5.06	1.64	4.27	1.55	1.19	0.45	0.01	0.00	0.61	.....	.....	.....	.....
*Port Angeles	5.37	2.70	3.35	1.88	1.96	1.88	0.21	0.36	2.60	2.75	5.53	1.63	30.42
*Port Crescent	8.45	4.08	5.30	3.26	2.41	2.41	0.37	0.47	4.23	5.89	7.12	3.16	47.15
Pullman	3.33	0.85	3.17	1.23	1.82	0.89	0.44	0.10	1.37	2.84	2.05	1.54	19.63
*Pysht	13.59	8.88	10.11	7.49	3.24	3.05	0.26	0.49	6.38	9.48	9.58	5.55	66.13
Rosalia	4.22	1.27	3.17	1.59	2.39	0.63	0.41	0.03	1.90	3.14	1.38	0.98	21.11
*Seattle	6.01	4.21	6.25	4.21	1.99	2.47	0.14	0.04	2.50	3.70	5.81	3.75	41.06
Silver Creek	10.52	7.74	7.53	5.62	2.59	5.54	0.48	0.50	5.58	7.76	7.15	4.84	65.85
Snohomish	.....	4.06	5.75	6.26	3.92	3.75	0.54	0.03	4.24	4.60	5.74	4.10	.....
*Spokane	4.41	1.76	2.65	1.00	1.01	1.18	0.29	0.15	1.10	1.43	1.26	1.65	17.84
Stampede	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.30	10.36	5.95	.....
Stillaguamish	5.68	3.45	4.05	6.02	4.98	3.35	0.64	0.00	.....	.....	.....	2.22	.....
Sulphur	.....	.....	.....	.....	0.68	0.25	0.00	0.00	0.11	.....	.....	.....	.....
Sunnyside	.....	1.01	.....	.....	.....	.....	.....	.....	.....	0.66	.....	0.61	.....
Tacoma	7.00	5.11	6.76	3.88	2.35	3.70	0.25	0.03	2.32	5.02	6.51	4.69	47.62
*Tatoosh Island	16.39	11.65	12.32	14.59	4.12	3.28	1.60	0.71	11.52	12.70	13.71	11.75	114.34
Union City	13.45	10.66	12.93	5.78	1.87	3.02	0.27	0.05	5.32	10.47	10.28	5.57	79.67
Vashon	[b]9.70	4.92	5.78	3.25	1.05	.....	.....	.....	2.80	4.18	8.09	[a]3.18	.....
*Walla Walla	4.99	1.74	3.75	2.19	1.85	0.83	0.03	0.03	1.05	2.48	0.75	0.80	20.49
Waterville	1.48	1.10	1.40	0.51	2.15	0.66	T.	0.06	0.04	1.18	1.20	3.05	12.83
Wenatchee Lake	3.85	5.45	4.00	2.51	2.62	1.18	0.60	0.10	1.30	2.90	4.05	2.40	30.36
West Ferndale	6.84	3.26	3.13	6.26	4.75	3.25	0.62	T.	4.45	7.81	6.73	3.45	50.55
West Virginia.													
Beverly	4.23	7.48	2.38	5.30	5.88	4.02	2.53	3.15	2.08	3.00	2.77	6.56	49.38
Bloomery	1.15	3.86	0.74	2.05	7.01	3.11	3.66	1.13	4.70	2.74	0.75	2.50	33.40
Bluefield	2.69	5.73	1.80	3.36	5.37	3.44	.....	.....	.....	.....	.....	.....	.....
*Buckhannon	3.28	3.60	2.63	4.73	4.04	3.30	1.94	2.07	1.30	3.20	3.38	4.60	38.07
Burlington	1.20	3.30	T.	2.55	3.35	3.26	1.82	2.52	4.15	2.70	0.25	2.65	27.75
Central Station	4.09	3.57	.....	2.68	4.02	4.15	0.65	2.64	2.42	1.90	2.97	4.14	.....
*Charleston	2.35	4.57	1.94	3.06	3.52	2.86	0.66	2.05	3.77	1.65	2.39	3.91	32.73
Cloverdale	.....	2.05	1.14	2.04	2.18	5.09	4.58	5.15	2.54	.....	.....	1.96	.....
Creston	.....	.....	.....	.....	.....	.....	.....	.....	2.25	2.50	3.20	.....	.....
Davis	3.37	3.33	2.82	2.63	4.40	3.90	4.65	2.22	3.41	3.70	2.53	.....	.....
Elkhorn	2.62	4.41	1.92	2.99	2.69	4.65	4.84	1.13	1.41	2.67	1.85	2.95	34.13
Ella	2.49	3.31	2.83	4.05	3.68	1.25	2.05	1.37	1.41	1.90	2.43	4.72	31.49
*Fairmont	2.03	3.53	1.81	3.51	3.45	4.23	2.96	1.57	2.19	2.40	2.38	4.59	34.65
*Glenville	2.48	4.34	1.93	4.39	5.22	3.88	2.60	2.05	2.12	2.31	2.73	5.02	39.07
Grafton	2.51	3.84	1.82	4.13	3.98	2.96	4.34	3.05	1.73	2.32	2.40	4.74	37.82
*Harpers Ferry	0.78	3.33	1.11	3.39	7.65	3.13	1.56	0.65	2.70	3.00	0.51	2.31	30.32
*Hinton	1.82	3.77	1.34	1.97	2.35	3.80	1.82	1.58	2.59	2.14	1.03	2.77	26.98
Huntington	.....	.....	.....	.....	.....	.....	.....	2.56	1.74	1.17	.....	.....	.....
Leachtown	.....	.....	.....	.....	.....	.....	.....	.....	1.69	1.23	1.95	3.42	.....
Madison	.....	.....	.....	2.95	4.80	5.19	1.22	3.40	4.75	1.55	2.62	4.18	.....
Martinton	1.81	3.39	1.84	2.06	.....	2.69	.....	.....	.....	.....	1.84	.....	.....
Martinsburg	0.87	2.52	1.26	2.97	9.40	2.85	2.21	1.11	2.42	3.85	1.02	3.18	33.66
Monarch	2.16	4.03	.....	3.18	3.48	3.11	1.91	2.79	3.68	.....	.....	3.90	.....

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
West Virginia—Continued.													
Moorefield						4.36							
*Morgantown [1]	2.45	3.56	1.57	2.95	4.26	2.87	3.28	1.78	2.39	2.57	2.14	3.56	33.38
Morgantown [2]					1.03	1.70	3.07	1.77	2.52	3.14	3.47	3.83	
New Cumberland								0.27	3.60	1.81	2.78	3.87	
New Martinsville	2.48	3.26	2.77	3.51	3.40	2.41	1.74	1.88	1.25	2.40	1.98	3.60	30.68
Nuttallburg					4.15	2.69	0.50	2.07	4.10	2.20	2.40	2.60	
*Parkersburg	2.64	4.51	2.46	3.47	3.31	6.78	1.18	3.59	1.98	1.35	2.36	3.55	37.18
Parkersburg [3]	1.33	3.60	2.31	3.98	3.29	6.31							
*Philippi	1.90	3.08	1.75	4.16	4.62	3.04	2.48	1.35	1.45	2.65	2.10	5.35	33.93
Pleasant Hill	5.71	6.71	3.05	6.91	5.72	2.20	3.95	3.32	1.90	1.50	3.00	5.88	49.25
*Point Pleasant	1.32	3.31	2.36	2.64	4.70	2.75	0.82	1.75	1.87	1.25	1.04	3.83	27.64
Powellton						2.69	1.18	2.25	3.30	1.82	2.49	4.38	
Raleigh	0.83	5.70	0.82	1.06	2.57	1.87	1.26	0.51	1.92		0.57	3.07	
*Rowlesburg	2.63	3.98	2.71	4.81	7.40	2.80	3.99	2.29	2.84	2.27	3.44	6.18	45.34
Sandyville	2.28	2.98	1.25	2.68	4.04	3.09	0.54	3.20	1.33	1.24	1.70	3.92	28.25
Spencer	2.46	3.97	1.22	2.81	3.88	1.39	1.12	0.60	2.80	2.90	0.77	6.02	29.94
*Weston	2.60	3.90	1.98	4.46	5.31	3.10	2.48	2.64	3.05	3.30	2.65	5.31	40.78
*Wheeling [1]	1.43	2.83	1.92	3.28	3.60	1.26	1.70	1.00	2.07	1.63	1.89	4.02	26.63
Wheeling [4]	1.93	2.46	2.35	3.47	4.12	1.62	1.46	1.43	2.21	1.93	2.19	4.15	29.32
Wisconsin.													
Amherst	1.22	0.60	2.08	3.21	4.70	1.69	1.45	1.44	2.71	2.95	3.05	1.35	26.45
Antigo					5.50	2.70	0.85	1.00	2.15		2.02	1.77	
Ashland	[5]0.90	1.88								7.62	1.24	1.01	
Baraboo	1.77	0.54	1.70	3.11	4.83	3.08	0.26	0.08	4.86	3.45	1.67		
Barron	1.68	0.45	2.44	4.64	8.94	2.01	2.40	1.30	1.85	4.73	1.40	[5]1.24	33.08
Bayfield	1.28	1.01	5.09	4.70	6.45	2.90	1.30	1.82	2.27	4.98	1.20	0.25	33.25
Beaver Dam	1.47	0.55	3.39	4.72	6.25	4.55	0.72	0.39	4.64	2.21	2.95	0.79	32.63
Belleville	1.10	0.86	2.53	6.36	4.30	4.65	1.77	1.11	6.73	3.65	2.35	0.20	35.61
Beloit	1.82	0.98	2.94	3.49	3.16	2.61	1.23	1.12	9.03	1.82	2.60	0.73	31.53
Black River Falls	1.02	0.41	1.60	4.37	4.94	2.56	2.00	0.00	3.01	2.54	2.15	2.59	27.19
Butternut	0.77	0.27	3.23									0.74	
Cadiz	2.45	0.52	2.55	6.61	2.51	3.36	2.11	1.48					
Centralia	1.92	0.25	1.08	3.60	3.81	1.70	1.39	0.13	1.80	2.04	1.41	1.47	20.60
Chilton	2.35	0.77	2.48	2.70	5.63	5.42	0.29	0.37	2.65	3.82	2.16	1.15	29.79
*Chippewa Falls	1.22	0.81	1.38	2.82	5.62	3.23	0.38	0.82	3.31	2.94	1.78	1.40	25.71
City Point	1.56	0.22	1.30	4.18	5.47	3.15	0.36	1.15			1.74	1.48	
Columbus	1.65	1.10			5.77	5.25	1.10	1.50	5.15	1.05	2.35	1.65	
Crandon	2.80	0.65	2.12	1.81	4.15	3.53	1.64	0.52	3.59	3.90	2.60	0.80	28.11
Delavan (near)	1.09	0.46	2.70	3.79	3.86	2.92	1.13	0.50	6.44	2.11	2.13	0.40	27.53
De Pere					6.20	4.55	1.19	1.01	2.41	4.01	2.37	1.12	
Eau Claire	1.30	0.90	2.03	2.92	6.62					2.90	1.23	1.09	
Estella	1.73	0.60	1.93	3.67	8.13	2.89							
Florence	1.50	0.58	1.37	2.74	4.69	5.42	1.05	0.75	3.74	2.58	2.74	0.40	27.56
Fond du Lac	1.61	0.72	1.87	1.94	4.07	3.60	0.62	1.37	3.41	2.80	2.16	0.99	25.16
Grantsburg	1.40	0.20	2.40	5.15	7.41	1.41	0.55	0.72	1.80	3.72	1.80	1.37	27.93
*Green Bay	1.98	1.40	2.39	2.75	6.93	5.32	1.86	1.34	3.27	4.33	2.86	1.46	35.89
Hartford	2.31	1.20	2.22	2.92	4.49	2.00	2.01	0.70	5.14	2.96	3.71	0.83	30.49
Harvey	1.32	0.75	1.56	2.23	3.59	6.34	0.61	1.88	5.34	2.56	3.20	1.12	31.50
Hayward	1.30	0.30	1.90	1.70	4.59	1.14	0.56	0.72	1.66	3.78	1.29	0.71	19.65
Hillsboro	1.57	1.48	1.48	5.34	3.32	4.38	0.92	T.	4.11	2.59	1.34	0.98	27.51
Janesville	1.30	0.40	2.26	2.40	4.08	3.40	2.00	1.00	7.29	2.17	2.40	0.50	29.20
Janeau	1.81	0.78	1.97	3.62	5.69	3.78	0.66	T.					
Koepenick	1.00	0.50	1.80	3.50	3.80	3.10	1.20	0.60	2.50	3.20	2.00	0.60	23.80
*La Crosse	1.27	0.89	1.89	3.74	2.92	2.31	0.35	0.35	5.14	1.90	1.15	1.03	22.94
Lancaster	0.87	1.15		2.58	3.51	3.06	T.	1.35	3.87	2.57	2.05	0.33	
Lincoln	1.52	0.46	2.09	2.72	4.99	4.92	1.03	1.28	1.52	3.97	2.18		
Madison	0.92	0.46	1.73	2.81	3.36	3.94	1.75	0.54	4.21	1.77	1.63	0.67	23.79
Manitowoc	1.55	0.94	2.39	2.47	4.71	2.79	1.10	0.56	3.40	2.97	2.12	0.48	25.48
Meadow Valley	1.24	0.45	1.16	1.41	5.48	2.60	1.38	0.36	1.88	2.49	1.21	1.14	20.89
*Medford	1.10	1.30	1.95	4.07	4.66	2.59	0.93	1.75	2.86	3.14	1.58	1.09	27.02
Menomonie	1.25	0.32	3.02	5.65	10.56	1.90	0.42	0.50	2.93	4.33	1.93	1.68	34.49
*Milwaukee	1.64	1.63	2.53	2.89	4.66	3.44	1.08	0.29	5.06	2.05	1.68	0.84	27.79
Neillsville	1.87	0.52	1.64	3.69	6.74	4.38	0.39	0.22	2.62	2.97	2.01	1.28	28.33
New Holstein	1.68	1.53	3.59	2.18	6.88			0.45	2.98	3.33		2.47	
Oconomowoc	1.52	0.55	1.53	3.10	3.67	2.57	0.96	0.46	7.51	1.98	2.03	0.61	26.49
Oconto	2.32	0.80	2.13	2.86	5.90	2.74	1.95	0.52	2.13	2.60	3.96	1.86	29.77
Osceola	1.07	0.15	2.80	4.74	9.95	2.40	0.44	0.65	1.85	4.69	0.13	1.60	30.47
Oshkosh	1.10	0.61	1.68	2.82	4.01			0.65	2.65	3.48	1.35	0.30	
Pepin	0.78	0.18	1.57	3.31	4.18	1.61	0.19	0.09	1.66	2.99	0.78	0.86	18.20
Pine River										2.50	2.10	0.96	
*Portage	1.43	0.87	1.83	3.38	6.44	4.71	1.05	0.77	3.56	3.05	2.05	1.50	30.64
Port Washington	1.85	0.70	3.65	3.25	2.49	3.99	0.38	1.65	2.31	1.72	1.61	0.68	24.28
Prairie du Chien	0.79	0.66	1.99	2.51		2.64	0.04	1.13	3.65	2.57	1.50		
Raymond	1.86	1.65	2.70										
Reedsburg	1.05	0.52	1.97	3.22	5.16	4.47	0.50	0.04	4.25		1.25		
Royalton					6.35	4.52	1.01	1.29	2.91	3.23	2.74	1.40	
Sharon	1.97	1.95	3.65	2.73	4.53	6.11	0.80	0.80	7.12	1.63	2.38	1.23	34.90
Shawano	2.04	0.50	1.31	2.36	5.40	3.10	1.68	0.90	3.64	2.93	3.00	0.99	27.85
Spooner				3.01		3.38		0.40	1.92	5.31		0.31	
Stevens Point	0.89	0.25	0.95	2.93	6.08	2.26	0.93	1.36	1.87	2.60	2.11	1.40	23.63
Tomahawk Lake										3.29			
Valley Junction	0.97	0.69	1.39	4.02	3.38	1.44	1.01	0.43	2.71	2.24	1.23	1.10	25.61
Viroqua	1.23	1.03	3.13	5.34	2.81	1.95	0.89	T.	4.87	3.43	1.35	1.94	27.95
Watertown	1.50	0.80	1.13	2.88	3.36	3.66	0.34	0.66	5.35	1.61	2.43	1.12	25.44
Waukesha	1.34	0.81	2.43	2.94	3.68	2.22	1.16	1.73	4.55	2.37	2.08	0.51	25.88
West Bend	0.85	0.37	3.35	3.29	2.78	2.15	1.18	0.46	6.30	2.50	2.70	0.38	26.31
Westfield	2.10	0.85	1.86	3.37	5.43	2.75	0.95	0.43	2.09	1.98	1.76	0.80	24.11
Weston	2.32	0.42	2.05	3.89	6.99	2.09	0.05	0.40	4.14	4.22	1.49	1.24	29.30
Whitehall		0.90	1.94	3.28			T.		3.25	1.69			

[1] River observer. [2] West Virginia University. [3] T. G. Field. [4] Christian Schnepf.

MONTHLY AND ANNUAL PRECIPITATION (IN INCHES AND HUNDREDTHS), 1894—Continued.

Stations.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Wyoming.													
Big Horn Ranch	0.28	0.52	2.20	0.80	1.58	2.43	1.05	1.10	2.78	0.18	.....	0.01	.....
Camp Pilot Butte	0.16	0.69	0.46	0.70	0.51	0.23	0.50	0.70	0.98	0.18	.....	.....	.....
*Cheyenne	0.20	0.72	0.93	1.64	1.24	0.64	3.25	2.17	1.23	0.18	0.08	0.70	12.98
Fort Laramie	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.17	0.09	0.25	.....
Fort McKinney	0.30	0.29	1.55	1.23	0.23	4.52	0.48	0.03	0.74	T.	.....	.....	.....
Fort Washakie	0.09	0.45	2.67	0.92	1.08	0.41	0.38	0.09	2.22	0.00	0.22	0.03	8.53
Fort Yellowstone	1.82	1.12	2.30	1.87	2.26	3.10	0.99	1.75	0.71	0.89	0.15	1.34	18.30
La Barge	.....	2.30	1.66	0.29	.....	.....	0.75	0.32	0.81	.....	0.05	0.49	.....
*Lander	0.49	0.92	3.29	0.75	1.22	0.51	1.09	0.11	2.29	0.03	0.37	0.03	11.10
Lander[1]	0.40	0.56	3.96	0.96	1.75	[2]0.20	.....	.....	.....	.....	.....	.....	.....
Laramie	0.03	0.10	0.84	1.51	0.42	0.64	1.41	1.26	1.60	0.09	0.00	0.23	8.18
Lusk	.....	.....	.....	2.83	0.29	1.44	1.97	0.58	0.57	0.14	T.	.....	.....
Saratoga	0.60	0.90	2.30	1.87	0.30	0.92	1.96	0.80	2.03	0.25	0.40	1.00	13.33
Sheridan	0.70	0.75	3.15	1.50	0.64	2.44	1.28	0.11	0.95	0.05	0.80	0.20	12.57
Sundance	1.10	0.75	1.50	0.84	3.18	.....	2.01	0.37	0.91	2.75	0.98	1.36	.....
Wheatland	0.50	0.30	0.90	0.46	0.00	2.17	.....	0.00	.....	.....	.....	.....	.....

[1] J. S. Meyers.

Blank page retained for pagination

PART VI.

MISCELLANEOUS METEOROLOGICAL TABLES AND REPORTS.

[1] Hourly Records of Self-registering Instruments at Pikes Peak and Colorado Springs, Colo.—Pressure, Temperature, and Wind; Snowfall, 1894–95; Sunshine, 1894; Destructive Windstorms and Casualties by Lightning.

[1] It is hoped to publish a discussion of these data in the volume for 1895.—EDITOR.

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

January, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	.69	.67	.64	.62	.62	.62	.58	.54	.57	*.58*	*.62*	.62	.58	*.60*	.58	.57	*.57*	.55	.55	.55	.55	.55	.54	.54	.59	.69	.54
2	.52	.50	.47	.47	.45	.44	.42	.43	.45	.45	*.45*	.45	.44	*.42*	.41	.40	*.40*	.40	.39	.38	.35	.34	.33	.32	.42	.52	.32
3	.29	.23	.22	.18	.17	.16	.15	.15	.16	.15	*.16*	.15	.14	*.11*	.10	.10	*.07*	.04	.05	.06	.10	.11	.11	.11	.14	.29	.04
4	.10	.09	.08	.08	.08	.08	.07	.08	.10	.12	*.12*	.12	.12	*.12*	.12	.12	*.12*	.13	.13	.13	.14	.14	.13	.13	.11	.14	.07
5	.12	.10	.08	.07	.07	.05	.05	.05	.09	.10	*.10*	.11	.11	*.10*	.10	.10	*.11*	.12	.15	.15	.17	.17	.17	.18	.11	.18	.05
6	.18	.15	.13	.11	.10	.07	.05	.02	.03	.10	*.17*	.18	.22	*.22*	.21	.21	*.20*	.21	.23	.27	.27	.25	.25	.27	.17	.27	.02
7	.26	.26	.26	.26	.26	.25	.20	.22	.17	.17	*.23*	.28	.32	*.35*	.34	.35	*.37*	.38	.38	.38	.37	.37	.38	.38	.30	.38	.17
8	.38	.38	.38	.37	.36	.36	.34	.33	.35	*.35*	*.38*	.39	.38	*.36*	.35	.36	*.36*	.38	.38	.40	.41	.41	.42	.42	.38	.42	.33
9	.44	.43	.43	.43	.43	.43	.43	.43	.47	.50	*.53*	.56	.57	*.56*	.56	.57	*.58*	.60	.60	.60	.60	.60	.59	.59	.52	.60	.43
10	.57	.57	.57	.56	.55	.54	.52	.53	.55	.57	*.59*	.59	.56	*.49*	.48	.49	*.51*	.52	.60	.60	.62	.64	.64	.65	.56	.65	.48
11	.67	.67	.66	.66	.66	.66	.66	.70	.73	.76	*.78*	.79	.78	*.77*	.76	.76	*.76*	.74	.72	.71	.69	.69	.68	.69	.72	.79	.66
12	.72	.78	.79	.80	.80	.79	.77	.76	.79	.82	*.84*	.85	.84	*.82*	.80	.79	*.78*	.78	.76	.76	.75	.75	.75	.75	.78	.85	.72
13	.74	.74	.72	.71	.71	.70	.69	.69	.69	.71	*.73*	.73	.72	*.70*	.69	.70	*.70*	.70	.69	.68	.67	.68	.67	.66	.70	.74	.66
14	.66	.65	.63	.62	.62	.62	.61	.60	.61	.61	*.66*	.68	.69	*.69*	.67	.67	*.65*	.66	.67	.68	.68	.70	.71	.71	.66	.71	.60
15	.71	.71	.70	.68	.69	.68	.67	.66	.69	*.69*	*.65*	.65	.68	*.68*	.66	.66	*.69*	.71	.72	.72	.72	.69	.66	.63	.68	.72	.63
16	.62	.57	.55	.55	.53	.52	.50	.50	.52	.53	*.53*	.53	.51	*.49*	.45	.45	*.44*	.42	.42	.42	.45	.43	.41	.40	.49	.62	.40
17	.39	.38	.36	.36	.36	.36	.36	.34	.36	.37	*.39*	.39	.45	*.46*	.45	.46	*.48*	.48	.50	.48	.48	.49	.50	.50	.42	.50	.34
18	.46	.46	.46	.50	.52	.53	.54	.57	.60	.64	.67	.67	.67	*.65*	.63	.62	*.61*	.60	.58	.57	.55	.53	.53	.52	.57	.67	.46
19	.51	.48	.45	.42	.39	.40	.39	.37	.37	.38	*.38*	.37	.36	*.32*	.30	.27	*.27*	.27	.27	.26	.26	.26	.25	.25	.34	.51	.25
20	.25	.25	.25	.25	.24	.25	.26	.25	.27	.25	*.26*	.28	.26	*.26*	.25	.25	*.25*	.28	.28	.29	.32	.32	.34	.34	.27	.34	.24
21	.34	.35	.37	.35	.37	.35	.34	.34	.38	.43	*.47*	.48	.50	*.50*	.50	.51	*.52*	.52	.53	.52	.53	.54	.55	.55	.46	.55	.34
22	.55	.52	.51	.52	.52	.52	.52	.51	.51	*.53*	*.52*	.52	.52	*.50*	.46	.45	*.42*	.42	.43	.43	.39	.39	.39	.40	.48	.55	.39
23	.40	.40	.40	.40	.40	.40	.39	.37	.36	.40	*.41*	.40	.38	*.39*	.39	.38	*.39*	.38	.41	.40	.39	.40	.39	.39	.39	.41	.36
24	.38	.39	.39	.39	.38	.37	.38	.42	.44	.42	*.43*	.46	.48	*.47*	.50	.50	*.49*	.52	.51	.50	.50	.50	.50	.50	.45	.52	.37
25	.49	.49	.48	.46	.45	.45	.44	.44	.45	.47	*.50*	.51	.52	*.50*	.50	.50	*.51*	.51	.51	.52	.51	.51	.51	.51	.49	.52	.44
26	.51	.50	.46	.48	.50	.45	.43	.45	.47	.45	*.46*	.46	.46	*.45*	.45	.45	*.46*	.46	.47	.48	.48	.48	.48	.49	.47	.51	.43
27	.49	.49	.49	.49	.50	.50	.50	.50	.50	.51	*.51*	.51	.51	*.50*	.46	.45	*.46*	.48	.47	.46	.47	.44	.44	.43	.48	.51	.43
28	.38	.37	.35	.36	.39	.35	.38	.42	.42	.44	*.47*	.49	.49	*.49*	.49	.50	*.50*	.50	.49	.50	.52	.54	.55	.55	.46	.55	.35
29	.55	.55	.54	.55	.56	.56	.57	.62	.63	*.61*	*.61*	.63	.62	*.61*	.60	.60	*.60*	.58	.58	.58	.57	.57	.57	.55	.58	.63	.54
30	.53	.51	.50	.49	.47	.46	.47	.51	.51	.54	*.57*	.58	.57	*.54*	.52	.50	*.48*	.46	.46	.44	.43	.42	.41	.40	.49	.58	.40
31	.42	.42	.41	.40	.41	.41	.42	.42	.43	*.49*	*.46*	.49	.50	*.51*	.52	.55	*.57*	.57	.57	.58	.58	.58	.57	.57	.49	.58	.40
Mean	.46	.45	.44	.44	.44	.43	.42	.43	.44	.46	.47	.48	.48	.47	.46	.46	.46	.46	.47	.47	.47	.47	.46	.46	.46	.53	.38

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

January, 1894.]

Day.	0-1h a. m.		1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Noon.		Noon-1h p. m.	
1	W.	37	W.	36	W.	39	NW.	43	NW.	46	W.	46	W.	60	W.	63	W.	57	W.	55	W.	55	W.	57	W.	60
2	SW.	49	SW.	47	SW.	45	SW.	46	SW.	44	SW.	36	SW.	38	SW.	34	SW.	34	SW.	29	SW.	23	S.	17	S.	19
3	S.	20	S.	24	S.	26	S.	28	S.	32	S.	23	S.	19	S.	11	W.	12	W.	22	W.	20	SW.	17	S.	17
4	W.	40	W.	43	W.	32	*NW.*	27	NW.	16	N.	13	N.	10	N.	7	*NW.*	12	W.	25	W.	26	W.	32	SW.	37
5	SW.	12	SW.	12	SW.	12	SW.	13	SW.	12	SW.	16	SW.	18	W.	13	S.	11	*SW.*	12	W.	12	NW.	14	W.	15
6	SW.	21	W.	27	SW.	25	SW.	30	SW.	32	SW.	37	SW.	48	W.	61	W.	69	W.	65	W.	54	NW.	38	NW.	38
7	W.	61	W.	64	W.	74	W.	73	W.	67	W.	75	W.	88	W.	85	W.	88	W.	85	W.	76	W.	73	W.	67
8	*SW*	23	SW.	21	SW.	18	SW.	18	SW.	17	SW.	16	W.	15	W.	15	W.	14	W.	12	W.	9	W.	10	W.	15
9	SW.	7	W.	8	*SW.*	9	W.	11	W.	11	W.	11	NW.	11	*NW.*	22	*N.*	24	N.	22	*N.*	20	NE.	26	NE.	22
10	N.	23	N.	27	NE.	25	NE.	23	NE.	23	NE.	20	NE.	23	NE.	25	NE.	31	NE.	30	NE.	24	*N.*	18	NW.	39
11	*E.*	17	*NE.*	10	W.	14	W.	19	W.	26	W.	25	W.	23	*N.*	12	*NW.*	10	*N.*	12	NW.	13	NW.	13	W.	17
12	*W.*	45	*NW.*	35	N.	26	N.	19	NE.	16	*E.*	13	SE.	16	SE.	17	SE.	17	SE.	13	S.	14	*S.*	12	SW.	12
13	W.	6	W.	9	W.	14	W.	16	W.	15	NW.	16	NW.	16	NW.	13	NW.	9	NW.	5	NW.	2	*W.*	3	*N.*	4
14	N.	15	*NW.*	22	N.	24	*N.*	24	NW.	19	NW.	19	NW.	23	N.	28	N.	32	N.	30	NE.	30	*N.*	24	*N.*	26
15	NW.	37	NW.	42	NW.	43	NW.	46	NW.	39	NW.	39	W.	48	NW.	42	NW.	42	NW.	42	NW.	44	NW.	43	*W.*	43
16	W.	58	W.	66	W.	70	W.	70	W.	70	W.	74	W.	74	W.	69	SW.	62	SW.	63	SW.	54	SW.	55	SW.	52
17	S.	18	SW.	16	*W.*	14	SW.	10	W.	13	W.	10	NW.	17	W.	17	*NW.*	13	NW.	9	W.	13	W.	16	W.	20
18	SW.	44	W.	59	W.	55	*NW.*	46	N.	28	N.	29	N.	28	N.	28	*NW.*	22	NW.	18	W.	13	*SW.*	10	*S.*	10
19	SW.	38	SW.	34	*SW.*	39	W.	47	W.	51	SW.	33	W.	26	*SW.*	23	W.	21	*S.*	17	*SE.*	7	*SW.*	11	*S.*	10
20	NE.	32	NE.	33	*N.*	30	*NW.*	41	NE.	41	NE.	41	NE.	43	N.	52	NW.	58	NW.	73	NW.	84	NW.	80	NW.	74
21	NW.	37	NW.	36	*NW.*	34	W.	35	W.	32	W.	32	NW.	30	NW.	28	NW.	23	NW.	20	W.	19	W.	17	W.	20
22	N.	22	N.	27	N.	27	N.	24	NW.	23	NW.	21	N.	20	NE.	13	NE.	12	N.	14	NW.	15	W.	14	*W.*	20
23	NW.	28	NW.	35	NW.	38	NW.	36	NW.	41	NW.	41	NW.	36	NW.	40	NW.	35	*W.*	36	W.	51	W.	43	W.	37
24	NW.	63	NW.	72	NW.	68	NW.	66	NW.	59	*W.*	66	W.	65	*NW.*	61	NW.	59	NW.	57	W.	63	W.	58	W.	55
25	NW.	26	NW.	27	NW.	32	NW.	36	NW.	33	NW.	38	NW.	32	NW.	35	NW.	32	NW.	32	N.	26	NE.	20	N.	15
26	*SE.*	12	NE.	23	N.	44	*NW.*	49	N.	36	NW.	55	NW.	66	NW.	57	NW.	52	NW.	41	NW.	36	NW.	36	W.	48
27	N.	11	*N.*	9	NW.	12	N.	13	NW.	9	NW.	18	W.	23	*W.*	21	*NW.*	20	N.	13	N.	15	N.	15	N.	11
28	NW.	68	NW.	73	NW.	78	NW.	72	N.	46	N.	38	N.	34	N.	23	N.	27	N.	23	N.	16	N.	11	N.	11
29	N.	39	N.	43	N.	50	N.	42	N.	33	N.	34	N.	41	N.	37	N.	38	NW.	51	NW.	55	NW.	59	NW.	52
30	W.	67	W.	68	W.	66	W.	68	W.	71	W.	72	W.	66	W.	55	W.	55	W.	49	SW.	28	SW.	28	S.	20
31	SW.	38	SW.	32	SW.	31	SW.	36	SW.	38	SW.	29	SW.	28	SW.	27	SW.	26	SW.	25	SW.	25	SW.	24	SW.	18
Mean	SW.	33.4	NW.	35.0	W.	35.9	NW.	36.4	W.	33.6	*NW.*	33.4	W.	34.8	W.	33.4	NW.	32.8	NW.	32.3	W.	30.5	W.	28.7	W.	29.2

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

Meridian Time.] [January, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	8	8	7	7	7	7	7	7	7	8	*8*	8	8	*11*	11	12	*13*	13	10	10	10	10	8	7	8.8	14	7
2	6	7	6	6	6	5	5	4	4	3	*2*	3	4	*5*	5	5	*4*	5	3	2	1	1	0	0	3.8	6	2
3	0	−1	−1	−2	−3	−3	−3	−3	−5	−5	*−6*	−6	−6	*−6*	−6	−7	*−8*	−9	−10	−11	−11	−11	−11	−12	−6.1	−3	−11
4	−12	−12	−12	−12	−13	−13	−13	−14	−14	−13	*−12*	−11	−11	*−9*	−9	−9	*−9*	−10	−10	−10	−11	−13	−13	−13	−11.6	−8	−15
5	−13	−12	−12	−12	−12	−12	−12	−13	−14	−15	*−17*	−18	−18	*−17*	−15	−15	*−17*	−18	−19	−20	−21	−21	−22	−23	−16.2	−13	−20
6	−24	−25	−25	−25	−25	−25	−25	−25	−26	−25	*−23*	−23	−22	*−20*	−18	−17	*−20*	−20	−17	−17	−17	−17	−17	−16	−21.5	−16	−26
7	−16	−16	−15	−14	−14	−15	−15	−15	−15	−14	*−15*	−14	−12	*−12*	−12	−12	*−8*	−10	−10	−10	−11	−11	−11	−10	−12.8	−8	−17
8	−10	−10	−10	−10	−10	−10	−10	−11	−11	*−11*	*−8*	−7	−6	*−5*	−5	−5	*−5*	−6	−8	−9	−9	−9	−10	−10	−8.5	−5	−11
9	−10	−10	−11	−11	−11	−12	−12	−12	−9	−8	*−5*	1	1	*2*	2	5	*5*	7	8	7	7	8	8	8	−1.8	7	−12
10	10	8	8	9	9	11	12	13	13	14	*14*	12	11	*12*	11	11	*10*	9	7	7	7	8	8	8	10.1	15	5
11	7	6	4	4	3	2	7	7	9	9	*10*	10	11	*11*	12	13	*13*	10	9	8	8	8	10	9	8.3	12	2
12	11	11	14	12	14	12	12	11	10	14	*15*	17	19	*20*	21	21	*19*	18	16	15	13	13	15	17	15.0	21	7
13	16	17	17	16	17	17	17	17	15	15	*20*	22	21	*19*	19	18	*19*	19	16	13	13	13	13	14	16.8	22	13
14	15	13	12	12	13	12	12	11	12	12	*14*	15	14	*14*	15	15	*17*	17	17	17	17	16	17	16	14.4	17	11
15	17	18	18	20	20	21	20	19	19	*19*	*20*	20	20	*20*	20	21	*22*	22	21	20	20	20	18	18	19.7	23	15
16	16	16	16	16	16	16	17	18	17	17	*16*	16	16	*16*	17	17	*16*	14	12	10	10	10	10	8	14.7	18	10
17	8	7	6	5	4	3	1	−1	−2	−2	*−4*	−4	−3	*−2*	−2	−2	*−3*	−3	−3	−5	−4	−8	−9	−10	−1.4	−1	−5
18	−10	−11	−12	−11	−9	−8	−7	−6	−1	1	*3*	4	4	*3*	3	2	*4*	4	3	1	0	0	1	1	−1.7	5	−12
19	0	0	−2	−2	−2	−1	−1	−1	−2	−2	*−2*	−1	−1	*−1*	−1	−2	*−2*	−4	−6	−6	−6	−7	−7	−8	−2.8	0	−8
20	−9	−9	−10	−13	−9	−7	−6	−8	−6	−6	*−6*	−3	−2	*−1*	1	2	*2*	2	2	2	1	1	1	1	−3.3	4	−13
21	1	1	1	2	2	2	2	2	2	2	*2*	3	3	*2*	3	4	*4*	4	4	4	3	2	2	2	2.5	5	0
22	2	2	2	2	1	0	0	0	0	*0*	*2*	2	2	*2*	2	2	*2*	3	3	2	2	1	1	0	1.5	3	0
23	0	0	0	0	0	−1	−1	−1	−1	−1	*−1*	−1	−1	*−1*	−2	−2	*−3*	−4	−6	−8	−9	−9	−9	−10	−3.0	−1	−8
24	−9	−9	−8	−8	−7	−6	−5	−4	−3	−3	*−2*	−2	0	*1*	2	2	*1*	1	0	−2	−3	−4	−4	−5	−3.2	2	−9
25	−8	−9	−9	−9	−9	−10	−10	−10	−11	−10	*−10*	−9	−9	*−8*	−7	−6	*−7*	−7	−8	−10	−10	−10	−10	−10	−9.0	−7	−11
26	−6	−4	−6	1	0	−2	−2	−1	−1	−2	*−1*	−1	−1	*−1*	−1	−1	*−1*	−2	−2	−4	−5	−5	−5	−5	−2.4	3	−10
27	−6	−6	−6	−6	−6	−6	−6	−6	−5	−5	*−4*	−3	−1	*−1*	−1	0	*1*	3	4	5	8	5	7	7	−1.2	5	−8
28	6	5	4	4	2	−1	−3	−5	−5	−6	*−6*	−5	−5	*−5*	−5	−5	*−5*	−5	−5	−5	−5	−4	−3	0	−2.6	8	−6
29	−1	1	2	6	8	7	8	9	11	*10*	*10*	12	12	*15*	16	17	*15*	15	13	12	12	13	14	12	10.4	17	−5
30	11	11	11	10	10	10	10	9	9	10	*11*	12	13	*14*	13	13	*11*	11	8	5	4	5	6	5	9.7	14	5
31	4	3	2	1	0	−1	−1	−2	−3	−3	*−2*	−1	1	*3*	4	7	*7*	6	4	3	0	0	−1	0	1.3	7	−3
Mean	.1	.0	−.3	−.1	.1	−.3	−.1	−.4	−.2	.1	.7	1.5	2.0	2.6	3.0	3.4	3.1	2.7	1.8	.8	.5	.2	.2	.0	.9	5.4	−4.3

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[January, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.		Direction.
1	W.	57	W.	58	W.	55	W.	62	W.	69	W.	75	W.	71	W.	68	W.	66	W.	65	W.	54	84		W.
2	S.	20	S.	23	S.	27	S.	23	S.	24	S.	17	W.	18	S.	12	SW.	17	S.	22	S.	19	56		SW.
3	*S.*	15	SW.	19	SW.	18	W.	27	W.	59	W.	65	W.	71	W.	62	W.	58	W.	48	W.	42	76		W.
4	*S.*	26	SW.	17	S.	14	S.	16	*W.*	14	SW.	17	SW.	21	SW.	19	W.	16	S.	14	S.	11	51		W.
5	W.	11	W.	20	SW.	22	*SW.*	22	W.	25	W.	19	W.	16	W.	16	W.	19	W.	19	SW.	20	29		W.
6	NW.	37	NW.	38	NW.	38	NW.	52	NW.	52	NW.	55	N.	45	NW.	42	NW.	53	NW.	54	*W.*	52	80		W.
7	W.	50	W.	45	W.	44	W.	42	W.	32	W.	31	W.	31	W.	39	W.	42	W.	32	W.	28	97		W.
8	*SW.*	13	S.	12	S.	10	S.	2	*W.*	11	*W.*	12	NW.	14	NW.	8	*N.*	7	*N.*	8	NW.	6	28		W.
9	NE.	20	N.	22	N.	23	N.	22	N.	20	N.	20	N.	17	N.	23	NE.	18	N.	23	N.	25	31		NW.
10	NW.	54	NW.	59	W.	59	NW.	46	NW.	60	*N.*	44	N.	26	*NW.*	35	N.	25	*NW.*	33	*N.*	37	70		NW.
11	W.	25	W.	30	W.	29	W.	32	W.	45	W.	57	W.	61	W.	69	W.	67	W.	69	W.	58	76		W.
12	SW.	9	SW.	7	*W.*	6	*NW.*	8	NW.	6	*NW.*	5	NE.	7	NE.	9	N.	8	E.	5	W.	4	55		W.
13	NE.	8	NE.	8	NE.	8	*SW.*	4	SW.	5	*NW.*	7	N.	17	N.	14	N.	14	NW.	14	NW.	16	19		N.
14	NW.	34	NW.	36	NW.	48	NW.	57	*N.*	38	*NW.*	44	NW.	57	NW.	58	NW.	38	NW.	20	*N.*	30	67		W.
15	*NW.*	42	*W.*	40	W.	35	W.	12	*SW.*	18	SW.	24	SW.	24	SW.	30	SW.	46	SW.	50	SW.	55	59		SW.
16	SW.	49	*S.*	44	SW.	42	S.	36	SW.	41	W.	38	*SW.*	42	*W.*	34	SW.	30	SW.	28	*S.*	27	80		W.
17	SW.	21	SW.	21	SW.	17	SW.	15	SW.	20	SW.	17	SW.	22	W.	39	*W.*	36	SW.	35	SW.	32	43		W.
18	SW.	17	SW.	28	SW.	31	SW.	32	*W.*	25	SW.	27	SW.	29	SW.	31	SW.	40	SW.	43	SW.	40	68		W.
19	SW.	15	SW.	14	W.	16	*W.*	9	NW.	20	N.	20	*N.*	28	NE.	29	NE.	32	NE.	35	NE.	31	57		W.
20	N.	85	N.	93	N.	95	N.	94	N.	90	NW.	83	NW.	74	NW.	64	NW.	51	NW.	41	NW.	37	102		W.
21	W.	15	W.	14	W.	10	NW.	9	NW.	8	NW.	10	NW.	14	NW.	13	NW.	10	N.	14	N.	16	42		NW.
22	SW.	27	SW.	39	SW.	38	W.	46	W.	44	W.	32	W.	41	W.	52	W.	44	W.	36	*NW.*	37	60		W.
23	W.	24	SW.	24	W.	22	NW.	23	NW.	32	NW.	34	NW.	27	NW.	49	NW.	52	NW.	55	NW.	62	70		NW.
24	W.	57	W.	50	W.	39	W.	29	W.	23	W.	18	*NW.*	14	NW.	18	NW.	14	N.	13	N.	20	82		NW.
25	*NE.*	12	N.	9	N.	9	N.	16	*NW.*	24	NW.	26	NW.	28	NW.	30	NW.	24	*N.*	21	*N.*	15	44		NW.
26	W.	40	*W.*	26	NW.	23	NW.	18	N.	16	*NW.*	21	N.	23	N.	24	NW.	26	NW.	20	NE.	13	73		NW.
27	NE.	14	N.	18	N.	33	NW.	42	N.	31	NE.	29	N.	36	N.	37	N.	41	N.	51	N.	51	60		NW.
28	N.	11	N.	23	N.	19	N.	22	N.	32	N.	44	N.	52	N.	48	N.	45	N.	39	*NE.*	36	88		NW.
29	NW.	54	NW.	42	NW.	40	NW.	34	W.	54	W.	66	W.	65	W.	66	W.	63	W.	55	W.	62	74		W.
30	S.	20	SW.	22	SW.	21	SW.	27	SW.	38	SW.	40	SW.	43	SW.	43	SW.	43	SW.	45	W.	42	76		W.
31	SW.	18	SW.	21	SW.	16	*S.*	10	SW.	24	SW.	27	SW.	22	SW.	22	SW.	27	SW.	38	SW.	40	49		SW.
Mean	SW.	29.0	SW.	29.4	W.	29.3	*NW.*	28.9	W.	32.3	NW.	33.0	W.	34.1	*NW.*	35.6	*W.*	34.6	*NW.*	34.0	*W.*	32.8	.....		.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

February, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	.57	.57	.57	.57	.58	.58	.58	.58	.59	.59	*.59*	.59	.57	*.54*	.52	.50	*.49*	.49	.49	.48	.48	.47	.45	.43	.54	.59	.43
2	.43	.41	.41	.40	.38	.37	.38	.39	.40	.41	*.42*	.43	.42	*.40*	.39	.39	*.39*	.39	.39	.39	.38	.36	.36	.34	.39	.43	.34
3	.33	.33	.32	.30	.30	.30	.30	.30	.32	.32	*.34*	.35	.37	*.38*	.39	.39	*.40*	.41	.43	.43	.44	.46	.49	.51	.37	.51	.30
4	.52	.53	.54	.55	.56	.57	.58	.62	.64	.65	*.65*	.67	.67	*.66*	.64	.63	*.63*	.63	.64	.65	.65	.65	.65	.65	.62	.67	.52
5	.65	.65	.64	.63	.62	.62	.61	.61	.61	.63	*.63*	.63	.64	*.64*	.63	.60	*.59*	.58	.57	.61	.61	.62	.63	.63	.62	.65	.57
6	.63	.63	.59	.59	.59	.57	.55	.56	.55	.56	*.58*	.58	.57	*.56*	.55	.55	*.56*	.55	.52	.51	.52	.52	.52	.53	.56	.63	.51
7	.53	.54	.54	.53	.54	.54	.53	.54	.52	.52	*.52*	.50	.52	*.52*	.50	.50	*.50*	.51	.49	.49	.52	.47	.47	.44	.51	.54	.44
8	.43	.41	.39	.36	.32	.30	.29	.27	.25	.25	*.21*	.21	.18	*.18*	.16	.15	*.14*	.15	.16	.18	.18	.16	.15	.14	.23	.43	.14
9	.14	.13	.16	.15	.15	.14	.14	.21	.21	.23	*.24*	.26	.25	*.25*	.24	.24	*.24*	.24	.25	.25	.26	.27	.28	.28	.22	.28	.13
10	.28	.28	.27	.27	.26	.25	.24	.25	.27	.27	*.27*	.27	.27	*.26*	.25	.24	*.24*	.25	.26	.27	.27	.28	.28	.29	.26	.29	.24
11	.29	.30	.30	.29	.28	.27	.27	.28	.30	.30	*.33*	.35	.34	*.32*	.32	.32	*.32*	.32	.31	.31	.31	.31	.30	.29	.30	.35	.27
12	.29	.28	.28	.28	.25	.23	.22	.22	.21	.22	*.25*	.29	.28	*.27*	.26	.25	*.25*	.26	.26	.28	.29	.30	.30	.30	.26	.30	.21
13	.30	.30	.29	.29	.28	.28	.28	.28	.28	.29	*.30*	.31	.32	*.31*	.30	.30	*.30*	.33	.33	.34	.35	.38	.38	.38	.31	.38	.28
14	.37	.37	.36	.36	.36	.38	.38	.39	.39	.42	*.44*	.45	.47	*.48*	.47	.47	*.47*	.47	.49	.49	.50	.51	.52	.52	.44	.52	.36
15	.52	.51	.50	.50	.48	.46	.47	.50	.55	.57	*.59*	.60	.61	*.58*	.56	.52	*.48*	.50	.46	.46	.44	.45	.43	.41	.51	.61	.41
16	.39	.36	.33	.34	.33	.29	.34	.40	.41	.38	*.37*	.34	.35	*.30*	.26	.23	*.22*	.20	.21	.21	.21	.18	.18	.18	.29	.41	.18
17	.17	.17	.15	.12	.10	.09	.09	.13	.19	.17	*.25*	.28	.30	*.31*	.29	.29	*.33*	.35	.32	.32	.30	.36	.34	.36	.24	.36	.09
18	.32	.34	.33	.33	.33	.32	.34	.35	.36	.37	*.37*	.36	.38	*.38*	.39	.39	*.42*	.38	.43	.42	.45	.44	.41	.47	.38	.47	.32
19	.47	.47	.48	.44	.44	.44	.45	.47	.48	.50	*.50*	.52	.54	*.55*	.54	.51	*.52*	.51	.49	.48	.47	.46	.44	.43	.48	.55	.43
20	.43	.42	.41	.38	.39	.37	.41	.44	.45	.45	*.46*	.48	.49	*.48*	.48	.47	*.47*	.46	.47	.46	.46	.46	.46	.44	.44	.49	.37
21	.41	.41	.42	.42	.39	.39	.39	.37	.37	.38	.38	.39	.39	*.37*	.34	.36	*.36*	.37	.38	.38	.39	.40	.41	.42	.39	.42	.34
22	.42	.43	.44	.44	.44	.44	.44	.45	.47	.51	.53	.55	.55	*.55*	.55	.55	*.55*	.55	.55	.55	.56	.56	.56	.56	.51	.56	.42
23	.57	.59	.59	.59	.58	.57	.57	.57	.58	.58	.59	.59	.59	*.59*	.59	.58	*.59*	.60	.60	.60	.62	.62	.63	.64	.59	.64	.57
24	.64	.63	.63	.63	.63	.63	.62	.62	.63	.67	.69	.70	.69	*.71*	.70	.69	*.70*	.70	.69	.70	.70	.70	.70	.70	.67	.71	.62
25	.70	.69	.68	.68	.68	.67	.67	.66	.66	.69	.70	.71	.70	*.70*	.69	.67	*.67*	.66	.63	.63	.63	.63	.63	.62	.67	.71	.62
26	.59	.59	.58	.49	.50	.50	.52	.52	.51	.53	.57	.59	.60	*.60*	.59	.60	*.60*	.60	.60	.60	.59	.60	.60	.60	.57	.60	.49
27	.59	.59	.59	.59	.59	.59	.59	.60	.62	.63	.65	.66	.68	*.70*	.70	.69	*.69*	.68	.68	.68	.68	.68	.69	.70	.65	.70	.59
28	.69	.69	.69	.68	.66	.65	.63	.63	.65	.67	.68	.69	.69	*.68*	.66	.66	*.67*	.67	.67	.67	.67	.67	.65	.65	.67	.69	.63
Mean	.45	.45	.45	.44	.43	.42	.42	.44	.44	.46	.47	.48	.48	.47	.46	.46	.46	.46	.46	.46	.46	.46	.46	.46	.45	.52	.39

PIKES PEAK, COLO.

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

February, 1894.]

Day.	0-1h a. m.		1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Noon.		Noon-1h p. m.	
1	SW.	41	SW.	39	SW.	34	SW.	34	SW.	29	SW.	25	SW.	23	SW.	27	SW.	31	SW.	29	S.	27	*S.*	32	SW.	33
2	SW.	31	SW.	33	SW.	33	SW.	28	SW.	37	SW.	41	SW.	31	SW.	25	SW.	28	SW.	23	SW.	21	SW.	19	S.	16
3	S.	13	*S.*	12	SW.	9	SW.	6	*NW.*	5	E.	4	E.	5	E.	7	SE.	9	*SE.*	11	E.	8	E.	7	E.	4
4	NE.	23	NE.	22	NE.	23	NE.	22	*N.*	22	N.	24	N.	21	NW.	22	NW.	26	NW.	27	NW.	27	NW.	26	NW.	12
5	NW.	7	NW.	7	W.	10	*W.*	9	NW.	13	NW.	19	N.	19	*N.*	17	NW.	24	NW.	20	NW.	12	NW.	3	*SE.*	6
6	W.	46	W.	45	N.	48	W.	52	W.	50	W.	52	W.	54	W.	55	W.	55	W.	52	W.	33	W.	23	W.	24
7	W.	25	W.	23	NW.	28	NW.	15	N.	12	N.	12	NE.	18	NE.	15	NE.	14	NE.	13	NE.	7	E.	2	*NW.*	3
8	W.	51	W.	50	W.	51	W.	50	W.	46	W.	46	W.	33	SW.	28	*SW.*	29	W.	37	W.	47	W.	33	W.	35
9	NW.	45	NW.	44	NW.	41	N.	32	N.	29	NW.	47	NW.	51	N.	41	N.	31	NW.	33	W.	36	W.	32	W.	20
10	SW.	13	SW.	13	SW.	12	SW.	13	SW.	17	SW.	18	SW.	19	SW.	18	*E.*	18	S.	18	S.	18	S.	15	S.	13
11	S.	15	S.	14	S.	18	S.	22	SW.	22	SW.	16	SW.	17	SW.	11	SW.	9	W.	10	W.	11	NW.	20	NW.	13
12	W.	43	*W.*	33	NW.	31	NW.	32	W.	42	W.	44	W.	43	W.	37	W.	41	W.	38	NW.	33	NW.	25	NW.	17
13	NW.	7	W.	10	W.	11	W.	13	W.	13	W.	10	NW.	8	NW.	8	NW.	9	*W.*	7	N.	5	N.	2	S.	3
14	NE.	27	NE.	27	NE.	31	NE.	30	NE.	25	NE.	22	NE.	22	NE.	24	NE.	30	NE.	31	NE.	29	NE.	29	NE.	23
15	N.	35	N.	41	N.	49	NW.	48	NW.	49	NW.	56	NW.	58	NW.	53	N.	44	N.	39	N.	34	N.	29	N.	24
16	W.	73	W.	80	W.	89	W.	81	W.	84	W.	81	W.	79	W.	56	SW.	42	SW.	46	SW.	46	SW.	52	S.	49
17	*W.*	34	*SW.*	25	W.	31	W.	44	W.	47	W.	45	NW.	55	NW.	60	NW.	57	NW.	74	NW.	71	NW.	56	W.	56
18	W.	42	*W.*	44	W.	42	W.	32	W.	28	W.	24	W.	22	W.	20	W.	19	W.	21	W.	22	W.	34	W.	42
19	W.	21	W.	20	W.	21	W.	32	W.	39	W.	41	W.	49	W.	49	W.	49	W.	50	W.	57	N.	68	W.	73
20	SW.	49	SW.	33	SW.	31	SW.	28	W.	28	SW.	21	W.	21	SW.	17	SW.	15	SW.	14	*SW.*	16	W.	28	W.	23
21	SW.	17	SW.	14	W.	10	SW.	7	NW.	5	W.	5	W.	6	W.	3	W.	5	SW.	20	SW.	25	W.	34	NW.	20
22	NW.	13	N.	12	N.	9	NW.	7	*N.*	4	E.	5	*NE.*	5	*NE.*	11	E.	19	E.	26	E.	29	E.	35	E.	33
23	SE.	18	SE.	18	SE.	17	SE.	14	SE.	13	E.	14	E.	16	E.	15	E.	17	E.	19	E.	23	E.	27	NE.	30
24	NE.	26	NE.	28	NE.	27	NE.	25	NE.	24	NE.	18	NE.	19	NE.	12	*N.*	23	NE.	15	NE.	19	NE.	17	NE.	19
25	NE.	20	NE.	20	NE.	19	NE.	18	NE.	12	NE.	19	NE.	21	NE.	19	*N.*	18	*N.*	18	NW.	19	*NW.*	26	W.	30
26	W.	36	W.	30	W.	56	W.	71	*W.*	59	NW.	51	NW.	48	NW.	48	NW.	50	NW.	55	NW.	49	*N.*	31	N.	28
27	NW.	23	N.	17	*NE.*	11	*NW.*	9	*NW.*	7	*N.*	9	NE.	9	NE.	18	NE.	23	NE.	15	NE.	13	NE.	16	*N.*	11
28	NE.	20	NE.	12	*N.*	17	W.	39	W.	41	NW.	38	NW.	38	NW.	47	NW.	45	N.	35	*NW.*	35	*N.*	23	NW.	20
Mean	W.	29.1	W.	27.4	W.	28.5	W.	29.0	W.	28.6	W.	28.9	W.	28.8	NW.	27.5	SW.	27.9	NW.	28.7	*W.*	28.0	*NW.*	26.8	W.	24.4

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

Meridian Time.] [February, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1	2	2	2	2	2	2	2	2	3	*5*	5	6	7	7	8	*8*	7	6	4	3	1	0	−1	3.6	8	−1
2	−1	−1	−1	−2	−1	−2	−2	−3	−2	−1	*−1*	0	1	*2*	3	4	*4*	4	3	1	1	0	−2	−3	0.0	5	−3
3	−6	−6	−7	−9	−11	−13	−13	−14	−14	−13	*−12*	−11	−8	*−8*	−8	−10	*−11*	−11	−11	−12	−11	−11	−10	−9	−10.4	−8	−14
4	−7	−5	−4	−1	−1	0	1	1	2	1	*1*	2	4	*5*	5	4	*6*	5	3	2	3	4	4	4	1.6	7	−12
5	4	5	4	5	4	3	4	3	3	4	*5*	9	9	*9*	8	7	*7*	6	6	5	7	8	8	9	5.9	10	2
6	9	9	7	7	6	7	7	7	7	8	7	10	11	*11*	12	12	*12*	10	7	5	4	6	5	4	7.9	13	4
7	4	4	5	7	6	5	6	5	5	10	*14*	14	13	*14*	18	14	*15*	15	13	10	12	10	9	8	9.8	18	3
8	8	8	7	6	5	4	4	4	3	3	*2*	2	1	*1*	−1	−1	*−5*	−6	−8	−10	−11	−12	−14	−16	−1.1	4	−10
9	−16	−16	−16	−16	−16	−16	−16	−16	−16	−18	*−14*	−16	−13	*−10*	−9	−8	*−8*	−8	−9	−10	−11	−11	−11	−11	−13.0	−7	−19
10	−12	−11	−11	−11	−12	−11	−11	−10	−10	−10	*−8*	−7	−6	*−6*	−7	−8	*−7*	−7	−8	−7	−8	−8	−9	−7	−8.8	−6	−14
11	−6	−5	−5	−4	−4	−2	−2	−2	−1	−1	*0*	−1	−1	*−1*	−1	0	*1*	−1	0	−2	−2	−3	−4	−5	−2.2	2	−8
12	−6	−5	−4	−4	−8	−6	−7	−7	−7	−7	*−6*	−5	−5	*−2*	−2	−1	*−1*	−2	−4	−5	−6	−7	−8	−9	−5.2	0	−10
13	−10	−10	−10	−11	−12	−12	−12	−12	−12	−13	*−12*	−12	−6	*−4*	−9	−10	*−10*	−10	−12	−12	−13	−13	−14	−16	−11.1	−3	−13
14	−16	−16	−17	−17	−17	−17	−18	−18	−17	−17	*−15*	−12	−10	*−11*	−10	−10	*−10*	−10	−10	−8	−7	−6	−5	−4	−12.4	−8	−18
15	−2	−3	−2	−2	0	1	3	4	4	3	*3*	5	7	*7*	7	6	*6*	5	5	5	5	4	4	3	3.2	7	−8
16	4	4	4	4	3	1	3	4	2	2	*3*	4	5	*5*	5	5	*5*	4	4	2	1	1	1	−2	3.1	7	0
17	−3	−4	−5	−6	−6	−8	−10	−9	−8	−8	*−5*	−3	−3	*−2*	−3	−2	*−2*	−1	−4	−4	−5	−6	−6	−5	−4.9	−2	−12
18	−5	−4	−4	−3	−3	−3	−3	−3	−3	−3	*−3*	−2	0	*2*	2	2	*2*	1	1	−2	−2	−2	−3	−3	−1.7	2	−5
19	−3	−3	−3	−4	−4	−4	−3	−3	−3	−2	*−1*	2	5	*7*	8	10	*10*	10	10	8	8	6	6	5	2.6	10	−4
20	5	6	6	7	7	7	6	6	8	6	*7*	7	7	*9*	10	10	*10*	10	10	9	8	8	8	8	7.7	10	4
21	7	7	6	6	4	4	4	4	4	4	*5*	5	5	*5*	4	4	*4*	4	3	2	1	1	0	−1	3.8	5	2
22	−2	−2	−2	−2	−2	−3	−3	−3	−3	−4	*−4*	−3	−2	*−1*	−1	−2	*−3*	−4	−5	−6	−7	−7	−6	−6	−3.5	1	−6
23	−6	−5	−3	−2	−2	−1	−2	−4	−4	−5	*−6*	−5	−4	*−4*	−3	−4	*−4*	−5	−5	−5	−5	−6	−6	−6	−4.2	−2	−6
24	−6	−6	−4	−4	−4	−5	−4	−3	−1	−1	*−2*	3	4	*5*	5	6	*8*	7	7	9	9	9	7	6	2.0	9	−6
25	6	5	7	7	9	8	8	7	6	7	*8*	8	10	*10*	11	11	*10*	9	8	8	7	6	6	6	7.8	11	5
26	5	4	4	4	4	5	4	4	4	5	*7*	8	8	*8*	8	9	*9*	8	7	6	5	4	4	3	5.7	9	3
27	2	2	2	1	1	0	0	0	−1	−1	*−1*	−1	0	*2*	4	6	*5*	4	2	1	0	−1	−1	4	1.2	7	−1
28	8	10	7	6	8	9	9	10	13	12	*12*	13	14	*13*	12	12	*11*	11	10	10	8	8	6	6	9.9	14	−1
Mean	−1.6	−1.3	−1.3	−1.3	−1.6	−1.7	−1.6	−1.6	−1.4	−1.3	−.2	.7	1.9	2.6	2.7	2.6	2.5	2.0	1.0	.1	−.2	−.6	−1.1	−1.4	−.1	4.4	−5.3

PIKES PEAK, COLO.

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[February, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	*S.*	37	SW.	39	S.	31	S.	30	S.	32	S.	26	S.	22	S.	21	S.	22	SW.	29	SW.	34	47	SW.
2	S.	18	S.	20	S.	20	S.	22	S.	21	SW.	16	*S.*	15	SW.	17	SW.	14	SW.	15	SW.	16	52	SW.
3	*E.*	2	NW.	5	W.	8	*NW.*	12	N.	15	N.	16	N.	31	*NW.*	34	NE.	26	N.	21	NE.	20	42	N.
4	NW.	15	NW.	14	NW.	23	N.	7	NW.	10	NW.	16	W.	17	*W.*	16	NW.	14	NW.	13	NW.	9	35	NW.
5	S.	16	SW.	30	SW.	31	SW.	35	W.	36	W.	42	W.	45	W.	46	NW.	34	W.	33	W.	43	53	W.
6	W.	20	W.	21	W.	18	W.	15	W.	12	W.	17	W.	18	W.	14	W.	10	W.	11	W.	18	59	W.
7	*W.*	8	*E.*	5	W.	8	W.	12	W.	13	W.	19	W.	25	SW.	22	W.	38	W.	49	W.	52	57	W.
8	*W.*	40	W.	32	W.	37	W.	49	W.	51	W.	26	*NW.*	19	N.	25	N.	21	N.	33	NW.	43	58	W.
9	SW.	21	SW.	19	SW.	19	S.	19	S.	22	SW.	16	S.	13	S.	13	SW.	19	E.	16	S.	10	57	NW.
10	S.	10	S.	10	SE.	21	S.	30	S.	31	S.	31	S.	32	S.	31	S.	26	S.	20	SW.	16	37	SE.
11	NW.	23	NW.	14	NW.	7	NW.	10	NW.	17	W.	21	W.	35	NW.	33	W.	32	W.	35	W.	39	52	W.
12	W.	18	W.	14	W.	14	W.	15	SW.	15	SW.	14	W.	11	W.	8	W.	8	W.	10	W.	9	50	W.
13	SW.	2	NW.	5	N.	7	N.	7	N.	9	N.	14	N.	19	NE.	18	N.	12	NE.	13	NE.	26	30	NE.
14	NE.	25	N.	25	N.	34	NW.	37	NW.	40	N.	32	NW.	44	N.	36	N.	35	N.	35	N.	32	54	N.
15	*W.*	29	W.	37	W.	45	W.	51	W.	55	*W.*	63	W.	71	W.	69	W.	73	W.	68	W.	72	79	W.
16	*S.*	51	SW.	66	SW.	58	SW.	59	SW.	58	S.	47	S.	38	S.	35	S.	42	S.	28	*SW.*	34	92	W.
17	W.	62	W.	63	W.	62	W.	59	W.	37	W.	43	W.	54	W.	56	W.	38	W.	41	W.	40	91	NW.
18	W.	37	W.	39	W.	45	W.	38	W.	44	W.	38	W.	41	W.	39	W.	34	W.	42	W.	29	62	W.
19	*W.*	55	SW.	52	SW.	51	SW.	51	SW.	50	SW.	48	SW.	55	SW.	53	SW.	47	SW.	53	SW.	56	79	W.
20	W.	21	W.	17	*S.*	18	S.	23	S.	23	S.	18	SW.	15	SW.	14	SW.	13	W.	14	SW.	15	68	SW
21	*W.*	10	W.	24	*NW.*	21	*W.*	15	*W.*	24	*SW.*	23	*W.*	16	NW.	22	NW.	15	*N.*	13	W.	16	48	W.
22	E.	32	E.	34	E.	32	E.	25	E.	24	E.	26	E.	28	SE.	25	SE.	28	SE.	31	SE.	24	39	E.
23	E.	26	NE.	27	NE.	33	NE.	32	NE.	29	NE.	26	NE.	24	NE.	24	NE.	23	NE.	22	NE.	22	36	NE.
24	NE.	19	NE.	20	NE.	23	NE.	20	NE.	21	NE.	19	NE.	28	NE.	26	NE.	22	NE.	19	NE.	21	44	NE.
25	W.	26	W.	30	W.	31	*W.*	33	SW.	32	SW.	36	SW.	31	SW.	27	SW.	26	SW.	28	*SW.*	33	43	SW.
26	NW.	30	NW.	29	*N.*	21	NW.	14	NW.	21	*N.*	19	NW.	14	NW.	27	NW.	25	NW.	16	NW.	25	79	W.
27	NW.	6	*W.*	3	*NE.*	3	*SW.*	5	W.	19	W.	28	*NW.*	31	*W.*	24	W.	31	*NW.*	28	N.	30	36	W.
28	*NW.*	18	W.	24	*W.*	28	N.	19	N.	20	*NE.*	16	NE.	12	*NW.*	13	W.	27	W.	34	W.	35	57	NW.
Mean	W.	24.3	W.	25.3	W.	26.8	W.	26.6	W.	27.9	W.	27.0	W.	28.5	W.	27.8	W.	27.0	W.	27.5	W.	28.9	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

March, 1894.] [Seventy-fifth

Day.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	.65	.65	.65	.65	.65	.64	.64	.64	.63	.64	*.66*	.66	.66	*.66*	.64	.62	*.61*	.60	.59	.59	.59	.58	.57	.56	.63	.66	.56
2	.54	.55	.52	.52	.47	.47	.48	.50	.52	.52	*.52*	.55	.55	*.57*	.56	.55	*.55*	.54	.53	.50	.54	.53	.52	.52	.53	.57	.47
3	.52	.50	.49	.45	.45	.47	.48	.48	.50	.51	*.52*	.50	.50	*.48*	.46	.45	*.45*	.45	.45	.43	.43	.43	.41	.39	.47	.52	.39
4	.37	.35	.33	.29	.25	.20	.19	.17	.16	.17	*.17*	.18	.19	*.20*	.21	.20	*.20*	.20	.21	.21	.23	.22	.20	.19	.22	.37	.16
5	.15	.17	.19	.19	.16	.17	.17	.18	.19	*.20*	*.25*	.26	.28	*.30*	.29	.30	*.33*	.33	.30	.31	.35	.38	.39	.39	.26	.39	.15
6	.36	.33	.34	.33	.32	.34	.36	.37	.41	.43	*.43*	.43	.43	*.42*	.40	.42	*.43*	.45	.46	.47	.48	.49	.49	.48	.41	.49	.32
7	.51	.51	.52	.52	.52	.52	.52	.52	.54	.58	*.62*	.62	.62	*.60*	.59	.57	*.57*	.56	.54	.53	.51	.50	.50	.50	.54	.62	.50
8	.47	.46	.44	.43	.41	.40	.40	.43	.46	.46	*.46*	.45	.53	*.55*	.54	.56	*.58*	.58	.58	.59	.59	.59	.57	.56	.50	.59	.40
9	.55	.54	.49	.46	.47	.47	.48	.51	.51	.51	*.51*	.52	.53	*.51*	.51	.54	*.56*	.55	.52	.51	.49	.49	.47	.47	.51	.56	.47
10	.43	.41	.40	.38	.39	.39	.40	.38	.41	.37	*.40*	.43	.48	*.49*	.50	.53	*.57*	.57	.58	.62	.61	.60	.60	.60	.48	.62	.37
11	.56	.57	.57	.54	.51	.51	.51	.54	.56	.58	*.61*	.70	.71	*.73*	.73	.75	*.78*	.75	.74	.73	.72	.72	.72	.73	.65	.78	.51
12	.72	.70	.71	.71	.71	.71	.71	.74	.73	*.75*	*.77*	.78	.84	*.84*	.84	.84	*.85*	.85	.83	.83	.81	.80	.80	.80	.78	.85	.70
13	.80	.79	.78	.76	.76	.76	.76	.76	.76	.79	*.82*	.83	.83	*.82*	.81	.79	.77	.76	.76	.76	.77	.76	.74	.73	.78	.83	.73
14	.69	.66	.65	.62	.59	.57	.58	.55	.53	.54	*.58*	.58	.59	*.59*	.59	.59	*.60*	.62	.63	.61	.60	.60	.60	.59	.60	.69	.52
15	.59	.61	.61	.61	.61	.61	.58	.60	.62	.67	*.68*	.69	.69	*.70*	.70	.70	*.69*	.70	.68	.68	.68	.67	.67	.65	.65	.70	.58
16	.64	.64	.63	.61	.59	.57	.57	.59	.60	.60	*.59*	.60	.59	*.58*	.56	.55	*.55*	.55	.55	.55	.51	.51	.45	.44	.57	.64	.44
17	.42	.41	.40	.40	.39	.38	.38	.40	.42	.44	*.44*	.45	.46	*.47*	.48	.49	*.49*	.50	.50	.51	.52	.52	.53	.55	.46	.55	.38
18	.55	.55	.55	.55	.55	.55	.56	.57	.59	.61	*.60*	.60	.60	*.60*	.59	.59	*.58*	.58	.58	.58	.57	.57	.57	.57	.58	.61	.55
19	.56	.55	.53	.51	.48	.47	.45	.44	.44	*.44*	*.45*	.44	.44	*.44*	.43	.40	*.39*	.38	.37	.35	.35	.32	.32	.31	.43	.56	.31
20	.30	.29	.27	.26	.24	.24	.27	.27	.28	.30	*.28*	.27	.27	*.26*	.25	.26	*.26*	.26	.28	.28	.28	.27	.28	.27	.27	.30	.24
21	.26	.23	.22	.20	.19	.19	.18	.18	.19	.19	*.20*	.21	.23	*.23*	.23	.24	*.24*	.26	.27	.28	.30	.30	.31	.33	.24	.33	.18
22	.34	.35	.35	.34	.34	.32	.32	.35	.40	.46	*.50*	.53	.55	*.58*	.62	.65	*.65*	.66	.67	.69	.69	.71	.72	.73	.52	.73	.32
23	.74	.74	.74	.75	.75	.75	.76	.77	.81	.82	*.80*	.80	.80	*.80*	.79	.78	*.77*	.77	.77	.75	.74	.74	.75	.74	.77	.82	.74
24	.72	.71	.70	.68	.66	.65	.63	.62	.62	.61	*.60*	.60	.61	*.61*	.60	.59	*.59*	.58	.59	.59	.59	.59	.59	.59	.62	.72	.58
25	.59	.59	.58	.57	.57	.55	.55	.56	.57	.58	*.58*	.60	.60	*.61*	.60	.60	*.60*	.60	.61	.61	.61	.59	.58	.58	.59	.61	.55
26	.59	.60	.60	.60	.59	.58	.58	.59	.62	.63	*.63*	.66	.67	*.68*	.70	.69	*.69*	.69	.70	.70	.70	.70	.70	.68	.65	.70	.58
27	.66	.66	.67	.66	.64	.63	.63	.62	.65	.62	*.62*	.62	.67	*.67*	.67	.64	*.68*	.72	.70	.70	.70	.69	.71	.70	.66	.72	.62
28	.68	.68	.65	.63	.62	.63	.64	.65	.68	.70	*.72*	.73	.73	*.73*	.73	.73	*.74*	.75	.75	.76	.75	.75	.76	.77	.71	.77	.62
29	.76	.76	.75	.74	.74	.74	.74	.74	.74	.76	*.77*	.79	.78	*.77*	.77	.77	*.77*	.77	.77	.76	.75	.75	.73	.72	.76	.79	.72
30	.66	.65	.62	.60	.55	.53	.52	.54	.50	.50	*.50*	.54	.52	*.54*	.57	.58	*.58*	.57	.57	.56	.56	.56	.56	.56	.56	.66	.50
31	.56	.55	.55	.55	.55	.55	.55	.55	.57	.56	*.57*	.58	.58	*.58*	.59	.60	*.62*	.62	.63	.65	.65	.65	.67	.68	.60	.68	.55
Mean	.55	.54	.53	.52	.51	.50	.50	.51	.52	.53	.54	.56	.57	.57	.57	.57	.57	.57	.57	.57	.57	.57	.56	.56	.55	.63	.48

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

March, 1894.]

Day.	0-1h a. m.		1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Noon.		Noon-1h p. m.	
1	W.	38	*NW.*	27	NW.	21	*N.*	27	NE.	9	NE.	7	*N.*	4	SW.	9	SW.	14	SW.	14	SW.	10	SW.	14	S.	15
2	W.	19	W.	17	W.	15	W.	26	W.	53	W.	64	W.	62	W.	52	W.	57	W.	57	W.	61	W.	55	*SW.*	49
3	SW.	62	SW.	59	SW.	69	SW.	80	*W.*	76	SW.	56	SW.	47	SW.	58	SW.	56	SW.	50	S.	29	*W.*	44	SW.	52
4	*S.*	34	SW.	48	SW.	40	SW.	35	SW.	42	SW.	40	SW.	39	*S.*	34	SW.	31	*S.*	24	SW.	31	SW.	25	SW.	30
5	W.	38	*NW.*	27	NW.	26	W.	36	W.	37	W.	35	W.	32	*NW.*	27	*W.*	29	*NW.*	32	*W.*	35	*NW.*	38	W.	37
6	*NW.*	50	W.	67	*NW.*	57	*W.*	56	*NW.*	53	NW.	48	*W.*	43	NW.	34	NW.	35	*W.*	33	*W.*	29	NW.	30	NW.	34
7	N.	27	N.	20	N.	22	N.	20	N.	24	N.	30	N.	36	W.	32	W.	51	W.	63	*NW.*	51	NW.	47	N.	37
8	W.	69	W.	73	W.	70	W.	67	W.	67	W.	59	W.	51	W.	40	NW.	38	NW.	45	NW.	41	W.	58	W.	30
9	NW.	48	NW.	50	NW.	54	NW.	60	NW.	62	NW.	62	NW.	58	*W.*	59	W.	66	W.	81	W.	81	W.	78	W.	71
10	SW.	28	SW.	45	SW.	51	SW.	53	SW.	46	SW.	39	*W.*	35	W.	42	W.	38	W.	47	W.	56	W.	48	NW.	51
11	SW.	57	SW.	62	W.	62	W.	68	W.	76	W.	83	W.	83	W.	79	W.	68	W.	70	W.	64	NW.	43	NW.	37
12	NW.	36	NW.	36	NW.	37	NW.	38	NW.	37	NW.	39	NW.	43	NW.	57	NW.	64	NW.	63	NW.	53	*W.*	54	NW.	46
13	W.	40	W.	41	W.	45	W.	48	W.	49	W.	49	W.	41	W.	47	W.	45	W.	41	W.	30	*W.*	7	SW.	13
14	W.	41	W.	49	W.	54	W.	53	W.	57	W.	64	W.	51	W.	55	W.	68	W.	57	W.	43	W.	49	W.	30
15	W.	58	SW.	42	SW.	42	W.	42	*SW.*	42	*W.*	44	*SW.*	51	W.	68	W.	53	NW.	50	N.	34	N.	27	*NE.*	20
16	W.	55	W.	48	W.	52	W.	56	W.	55	*NW.*	49	*W.*	48	*NW.*	42	W.	52	W.	51	W.	47	SW.	43	SW.	44
17	SW.	59	SW.	61	SW.	59	SW.	55	SW.	50	SW.	54	SW.	51	S.	45	S.	41	SW.	22	SW.	21	SW.	18	SW.	16
18	SE.	19	SE.	17	S.	16	SW.	18	SW.	14	SW.	13	SW.	12	SW.	12	SW.	25	*S.*	16	S.	15	S.	16	S.	19
19	W.	19	W.	15	W.	15	SW.	22	SW.	28	SW.	31	SW.	38	SW.	39	SW.	41	SW.	34	SW.	23	SW.	30	SW.	23
20	SW.	29	SW.	28	SW.	28	SW.	26	*W.*	22	SW.	21	SE.	6	W.	8	W.	15	SW.	14	SW.	12	S.	6	SE.	10
21	S.	12	S.	10	S.	7	N.	7	NW.	10	W.	4	NW.	3	*N.*	7	*W.*	9	*NW.*	20	N.	28	N.	17	N.	12
22	*NW.*	14	N.	8	N.	21	N.	36	N.	37	N.	39	N.	48	N.	53	NE.	50	NE.	36	NE.	34	NE.	33	NE.	30
23	NE.	20	N.	18	NE.	17	NE.	19	NE.	21	NE.	16	N.	16	N.	17	N.	16	NE.	14	NE.	15	NE.	12	NE.	6
24	W.	25	W.	25	W.	29	W.	30	W.	29	W.	32	W.	32	W.	34	W.	28	NW.	36	NW.	46	NW.	40	NW.	36
25	N.	40	N.	33	N.	38	N.	42	N.	42	*NW.*	45	N.	42	N.	40	N.	36	N.	41	N.	46	N.	40	N.	26
26	N.	37	N.	24	N.	15	N.	21	N.	22	N.	22	N.	20	N.	28	N.	27	N.	22	N.	23	N.	17	N.	17
27	NW.	34	NW.	39	NW.	42	NW.	42	NW.	43	NW.	49	NW.	50	NW.	47	NW.	52	NW.	48	NW.	59	W.	60	W.	56
28	W.	30	W.	30	W.	23	W.	23	W.	19	NW.	12	NW.	12	N.	10	N.	10	N.	9	N.	7	N.	21	N.	26
29	N.	32	NW.	44	NW.	46	NW.	40	NW.	42	NW.	43	NW.	39	NW.	40	NW.	46	NW.	36	N.	33	N.	14	W.	18
30	W.	53	W.	62	W.	62	W.	64	W.	71	W.	74	W.	71	SW.	55	W.	81	W.	75	W.	64	W.	57	W.	63
31	W.	46	W.	45	W.	40	SW.	29	SW.	20	SW.	20	W.	17	W.	21	W.	26	W.	29	W.	30	W.	25	W.	18
Mean	W.	37.7	W.	37.7	W.	38.2	W.	40.0	W.	40.5	W.	40.1	W.	38.1	W.	38.3	W.	40.9	W.	39.6	W.	37.1	W.	34.4	W.	31.5

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings except those at 8 a. m, and 8 p. m. are printed in *italics*.

Meridian Time.] [March, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	5	7	8	9	8	8	8	6	5	6	*6*	8	10	*10*	10	9	*8*	8	7	7	7	7	7	6	7.5	10	5
2	6	6	4	4	4	4	4	4	4	5	*5*	9	10	*12*	12	13	*13*	11	10	10	9	9	8	7	7.6	14	3
3	7	7	7	7	9	9	8	10	8	8	*9*	10	10	*11*	12	13	*13*	12	11	10	10	10	10	10	9.6	14	6
4	10	9	8	8	6	4	1	—1	—3	—3	—4	—4	—4	—5	—4	—4	—3	—4	—4	—5	—6	—9	—9	—11	—1.5	14	—5
5	—12	—12	—13	—13	—13	—13	—13	—13	—13	—13	—13	—12	—10	—9	—8	—6	—5	—6	—6	—6	—4	—2	—3	—1	—8.8	—5	—13
6	3	1	2	3	2	1	2	2	2	3	*2*	2	1	*2*	3	2	*1*	0	—1	—2	—3	—4	—5	—5	0.6	3	—6
7	—5	—5	—2	—2	—2	—1	3	2	2	4	*4*	8	12	*9*	9	9	*11*	10	9	8	7	8	7	6	4.6	13	—5
8	6	6	6	4	2	2	2	1	1	1	*1*	2	3	*5*	10	11	*12*	10	11	11	14	12	13	12	6.6	12	1
9	12	9	9	10	12	13	13	12	13	15	*15*	15	16	*18*	18	20	*20*	19	17	16	15	14	13	13	14.5	20	8
10	11	11	11	10	8	8	8	6	3	0	—*3*	—2	0	*2*	5	8	*8*	8	8	7	6	5	4	4	5.7	9	—4
11	4	4	4	4	4	4	4	4	5	5	*6*	8	10	*13*	14	15	*17*	17	16	14	13	13	14	14	9.4	18	3
12	14	14	15	15	15	15	16	18	19	*20*	*21*	21	21	*23*	24	24	*25*	23	22	21	20	19	18	18	19.2	25	13
13	17	17	16	16	16	16	16	16	16	17	*20*	22	23	*25*	24	25	*24*	23	23	22	21	20	19	19	19.7	26	16
14	18	17	16	16	16	16	15	14	15	15	*16*	16	16	*16*	16	17	*17*	17	16	14	13	13	13	13	15.5	17	14
15	13	13	12	12	12	12	12	12	14	18	*22*	22	22	*22*	23	24	*25*	23	20	18	17	17	15	15	17.3	26	11
16	15	15	14	14	13	14	14	15	16	17	*18*	19	20	*21*	22	22	*22*	22	21	18	17	16	16	15	17.3	23	14
17	14	14	13	13	12	13	13	14	14	15	*15*	17	18	*20*	22	22	*21*	19	16	15	14	14	14	14	15.7	24	12
18	14	14	14	14	13	13	13	12	12	13	*14*	15	17	*18*	20	21	*19*	17	14	13	13	13	12	11	14.5	22	12
19	11	11	11	10	11	12	13	11	12	*13*	*14*	14	16	*19*	17	18	*17*	17	15	13	11	12	11	10	13.3	20	10
20	8	8	8	6	5	3	2	1	2	2	*4*	6	7	*7*	6	6	*6*	7	5	4	3	1	1	0	4.5	8	1
21	—1	—2	—3	—6	—11	—10	—10	—11	—12	—12	—*12*	—10	—9	—*8*	—7	—7	—*6*	—8	—10	—11	—12	—12	—14	—14	—9.1	—7	—13
22	—14	—14	—13	—15	—15	—14	—15	—15	—15	—12	—*11*	—9	—8	—7	—7	*—7	*—7	*—7	*—6	*—4	*—3	*—2	*—1	*0	—9.2	—4	—17
23	2	2	3	4	5	6	6	6	*7	9	*11*	13	15	*15*	17	16	*15*	13	12	9	9	9	8	7	9.1	17	—4
24	*7	*7	*7	*7	*6	*6	*6	*5	*5	*7	*7	*8	7	*8*	9	9	*9*	8	7	6	5	3	2	0	6.3	10	4
25	0	0	0	0	0	—1	—1	—1	0	0	*0*	1	2	*4*	5	4	*6*	4	5	5	5	4	5	5	2.2	6	—1
26	5	6	6	4	3	3	3	4	4	*4*	7	7	7	*8*	8	9	*8*	6	7	8	6	7	8	8	6.1	9	3
27	8	6	6	6	7	7	7	8	9	8	*9*	10	13	*16*	14	15	*16*	14	13	13	12	11	11	11	10.4	16	6
28	†11	†10	†9	†9	†9	†8	†8	8	7	7	7	7	6	*5*	4	6	*9*	9	10	10	10	10	10	10	8.3	10	3
29	11	11	12	12	12	12	13	15	15	15	*15*	16	18	*20*	22	22	*22*	22	21	19	17	17	17	16	16.3	23	9
30	16	17	16	15	15	15	15	15	15	15	*16*	17	17	*17*	19	21	*20*	19	18	16	14	13	12	12	16.0	23	14
31	12	11	11	11	11	11	9	9	9	8	*8*	9	11	*11*	12	10	*9*	7	6	6	3	3	2	2	8.4	12	6
Mean	7.4	7.1	7.0	6.7	6.3	6.3	6.3	6.1	6.2	6.8	7.4	8.5	9.6	10.6	11.3	11.8	12.0	11.0	10.1	9.2	8.5	8.1	7.9	7.4	8.3	13.8	3.4

* Interpolated; clock stopped by snow blowing among cogs at bottom.
† Interpolated; thermograph spring out of order, making reading 5 degrees too low.

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[March, 1894.

Day.	1-2h	2-3h	3-4h	4-5h	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11h-Mid.	Max.	Direction.
1	*S.* 12	SW. 15	SW. 16	SW. 19	SW. 25	SW. 36	SW. 25	SW. 22	SW. 22	SW. 18	W. 18	42	W.
2	*S.* 29	SW. 25	SW. 32	SW. 25	SW. 36	SW. 47	*W.* 61	*W.* 43	SW. 43	SW. 48	SW. 62	72	W.
3	*W.* 46	SW. 50	SW. 47	SW. 41	SW. 43	SW. 42	SW. 41	SW. 41	S. 41	S. 42	S. 38	92	SW.
4	*S.* 20	SW. 16	SW. 13	SW. 18	SW. 14	SW. 19	*S.* 15	SW. 21	*W.* 21	W. 27	W. 32	55	SW.
5	W. 30	W. 34	W. 34	W. 28	W. 26	W. 36	NW. 48	N. 40	N. 40	*NW.* 32	NW. 40	54	NW.
6	NW. 23	W. 31	W. 32	W. 36	NW. 29	NW. 32	W. 31	W. 33	W. 33	W. 25	W. 24	77	W.
7	*N.* 38	NW. 37	NW. 36	W. 44	W. 43	W. 45	W. 45	W. 57	W. 57	W. 71	W. 66	77	W.
8	*W.* 36	*NE.* 16	*N.* 10	E. 12	NW. 22	NW. 33	NW. 27	N. 28	*N.* 28	*NW.* 29	W. 46	78	W.
9	W. 67	W. 68	W. 52	SW. 38	SW. 42	SW. 50	SW. 49	SW. 53	SW. 53	SW. 44	SW. 37	91	W.
10	W. 64	W. 62	W. 61	*W.* 57	SW. 54	SW. 52	SW. 45	SW. 40	SW. 40	SW. 43	SW. 47	72	W.
11	W. 48	W. 46	W. 31	W. 23	W. 43	W. 56	W. 70	W. 66	*NW.* 66	NW. 60	NW. 55	91	W.
12	W. 29	NW. 26	NW. 22	NW. 13	N. 18	NW. 24	NW. 19	W. 30	W. 30	W. 31	W. 37	72	NW.
13	SW. 16	SW. 16	SW. 16	SW. 25	SW. 27	SW. 26	SW. 22	SW. 16	SW. 16	SW. 18	SW. 28	55	W.
14	W. 26	*NW.* 29	NW. 29	*W.* 33	NW. 26	NW. 25	W. 34	W. 51	W. 51	W. 51	W. 56	74	W.
15	*E.* 9	W. 23	W. 27	W. 36	W. 33	W. 43	W. 45	W. 45	W. 45	W. 49	W. 46	65	W.
16	SW. 41	SW. 48	SW. 47	SW. 45	SW. 26	S. 17	SW. 17	*W.* 25	SW. 25	SW. 23	SW. 53	65	SW.
17	SW. 6	E. 6	E. 5	E. 9	E. 11	NE. 17	NE. 14	E. 11	E. 11	E. 6	*SE.* 7	67	SW.
18	S. 17	*SE.* 19	S. 19	S. 18	S. 29	SW. 26	S. 20	SW. 28	SW. 28	SW. 23	SW. 21	34	S.
19	S. 20	S. 16	S. 19	S. 24	*S.* 26	SW. 28	SW. 32	SW. 33	SW. 33	SW. 50	SW. 39	57	SW.
20	SE. 11	S. 18	S. 20	S. 17	S. 17	S. 12	E. 14	S. 15	SW. 15	S. 35	S. 22	39	SW.
21	N. 11	N. 15	W. 25	W. 29	W. 33	W. 36	W. 34	W. 33	W. 33	W. 40	W. 44	53	W.
22	NE. 24	NE. 20	NE. 19	NE. 17	N. 18	N. 23	N. 23	N. 22	N. 22	N. 22	NE. 20	50	NE.
23	W. 6	SW. 7	SW. 9	W. 10	S. 11	S. 13	SW. 16	W. 17	W. 17	W. 16	W. 20	25	W.
24	NW. 28	NW. 21	NW. 18	N. 11	N. 14	N. 12	N. 20	N. 27	N. 27	N. 25	N. 38	51	NW.
25	N. 21	N. 18	N. 23	N. 15	N. 13	N. 26	N. 34	N. 29	NW. 29	NW. 43	NW. 56	57	NW.
26	N. 14	N. 17	N. 17	N. 19	N. 14	N. 16	N. 15	N. 20	N. 20	N. 29	N. 30	45	N.
27	W. 49	*NW.* 39	NW. 45	NW. 52	N. 25	N. 15	N. 9	NW. 12	W. 12	W. 30	W. 31	68	W.
28	N. 20	N. 19	N. 21	*N.* 25	NW. 29	NW. 30	NW. 27	NW. 30	NW. 30	NW. 32	NW. 34	36	NW.
29	W. 26	W. 12	W. 17	W. 16	NW. 12	W. 14	W. 21	W. 39	W. 39	W. 39	W. 45	55	W.
30	W. 63	W. 44	W. 44	W. 39	W. 49	W. 44	W. 53	W. 50	W. 50	W. 50	W. 47	93	W.
31	W. 17	W. 14	N. 6	N. 8	N. 15	N. 15	N. 18	N. 17	*NW.* 17	NW. 23	NE. 30	57	W.
Mean	W. 27.8	W. 26.7	W. 26.2	W. 25.9	SW. 26.5	SW. 29.4	SW. 30.5	W. 32.1	W. 35.0	W. 37.5	W. 38.5	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

April, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	.70	.70	.70	.70	.71	.69	.69	.69	.71	.73	*.72*	.75	.76	*.78*	.79	.79	*.80*	.81	.82	.82	.82	.82	.83	.84	.76	.84	.69
2	.83	.82	.82	.80	.80	.77	.77	.74	.72	*.70*	*.71*	.69	.68	*.67*	.64	.67	*.68*	.60	.62	.62	.62	.62	.54	.53	.69	.83	.53
3	.52	.50	.49	.47	.47	.47	.49	.48	.52	*.54*	*.55*	.56	.59	*.59*	.59	.59	*.58*	.59	.58	.60	.60	.61	.62	.61	.55	.62	.47
4	.61	.61	.61	.60	.60	.59	.58	.59	.63	.62	*.63*	.65	.65	*.65*	.64	.66	*.67*	.69	.69	.70	.70	.71	.73	.73	.65	.73	.58
5	.73	.74	.74	.73	.73	.73	.73	.74	.74	.78	*.78*	.79	.80	*.82*	.82	.82	*.83*	.83	.83	.83	.83	.84	.84	.83	.79	.84	.73
6	.81	.82	.82	.81	.81	.80	.80	.80	.82	.85	*.85*	.86	.86	*.85*	.85	.86	*.86*	.85	.85	.85	.85	.85	.86	.85	.84	.86	.80
7	.84	.83	.79	.75	.74	.73	.72	.72	.74	.75	*.73*	.72	.70	*.68*	.67	.67	*.68*	.66	.64	.64	.64	.63	.63	.60	.70	.84	.60
8	.59	.59	.59	.57	.56	.56	.56	.55	.53	.54	*.54*	.54	.54	*.54*	.54	.54	*.55*	.55	.56	.58	.58	.59	.59	.61	.56	.61	.53
9	.61	.60	.60	.59	.58	.55	.54	.53	.54	*.59*	*.62*	.62	.63	*.66*	.70	.72	*.75*	.76	.76	.77	.78	.79	.79	.79	.66	.79	.53
10	.78	.78	.78	.77	.77	.78	.79	.80	.84	.84	*.84*	.85	.86	*.86*	.86	.84	*.84*	.82	.82	.81	.80	.80	.79	.78	.81	.86	.77
11	.76	.75	.75	.73	.73	.72	.72	.73	.74	.75	*.74*	.73	.72	*.71*	.70	.69	*.67*	.66	.66	.66	.65	.65	.64	.63	.70	.76	.63
12	.62	.60	.59	.59	.57	.56	.57	.58	.64	.65	*.68*	.69	.69	*.69*	.69	.68	*.68*	.69	.70	.71	.72	.73	.75	.75	.66	.75	.56
13	.75	.75	.74	.72	.72	.72	.71	.70	.71	.70	*.72*	.73	.73	*.73*	.72	.72	*.70*	.70	.69	.69	.68	.68	.68	.67	.71	.75	.67
14	.66	.65	.64	.63	.63	.62	.60	.60	.62	.63	*.63*	.62	.62	*.62*	.62	.62	*.60*	.60	.58	.59	.58	.58	.58	.57	.61	.66	.57
15	.58	.58	.57	.57	.57	.57	.57	.58	.60	.62	*.64*	.64	.65	*.64*	.65	.65	*.65*	.63	.61	.59	.59	.60	.60	.59	.61	.65	.57
16	.58	.57	.56	.56	.53	.53	.53	.52	.53	.53	*.53*	.52	.52	*.49*	.51	.52	*.52*	.52	.51	.51	.51	.51	.50	.50	.52	.58	.49
17	.50	.49	.47	.46	.47	.45	.42	.40	.37	.35	*.33*	.33	.32	*.32*	.33	.33	*.33*	.34	.36	.36	.36	.36	.37	.36	.38	.50	.32
18	.35	.35	.35	.35	.32	.30	.30	.32	.35	.38	*.40*	.43	.47	*.49*	.52	.53	*.54*	.56	.58	.59	.59	.57	.59	.59	.45	.59	.30
19	.58	.59	.59	.59	.59	.59	.59	.60	.61	.64	*.65*	.69	.71	*.73*	.74	.75	*.77*	.77	.77	.76	.77	.78	.79	.80	.69	.80	.58
20	.81	.81	.81	.81	.82	.83	.84	.88	.90	.92	*.92*	.93	.93	*.92*	.92	.92	*.92*	.92	.92	.92	.92	.92	.92	.90	.88	.93	.81
21	.88	.86	.84	.81	.79	.78	.77	.80	.83	.85	*.85*	.85	.85	*.85*	.85	.85	*.85*	.85	.85	.84	.84	.85	.85	.85	.83	.88	.77
22	.86	.86	.86	.85	.84	.83	.83	.84	.85	.86	*.86*	.87	.87	*.85*	.85	.84	*.82*	.81	.80	.79	.78	.78	.75	.77	.83	.87	.75
23	.77	.76	.75	.75	.75	.76	.77	.78	.80	.82	*.82*	.82	.82	*.82*	.83	.82	*.82*	.80	.82	.83	.84	.86	.86	.85	.80	.86	.75
24	.84	.84	.84	.84	.84	.85	.84	.85	.88	.88	*.89*	.91	.92	*.92*	.94	.95	*.95*	.95	.95	.96	.95	.95	.95	.95	.90	.96	.84
25	.94	.94	.93	.92	.92	.91	.90	.90	.92	.94	*.94*	.94	.94	*.94*	.94	.93	*.92*	.90	.90	.89	.87	.87	.86	.85	.91	.94	.85
26	.83	.82	.81	.77	.76	.74	.73	.73	.74	.74	*.72*	.72	.71	*.70*	.68	.65	*.63*	.62	.62	.61	.60	.59	.59	.55	.70	.83	.55
27	.59	.59	.58	.56	.57	.59	.58	.58	.57	.60	*.63*	.63	.62	*.63*	.62	.62	*.62*	.62	.61	.60	.57	.55	.57	.57	.59	.63	.55
28	.57	.55	.53	.52	.47	.45	.42	.46	.44	.46	*.48*	.49	.51	*.52*	.52	.50	*.50*	.50	.51	.49	.47	.45	.42	.36	.48	.57	.36
29	.29	.28	.26	.25	.26	.38	.41	.43	.44	.47	*.50*	.50	.50	*.51*	.52	.56	*.57*	.55	.53	.52	.51	.53	.53	.53	.45	.57	.25
30	.54	.53	.50	.48	.48	.46	.44	.43	.43	*.43*	*.46*	.50	.50	*.50*	.52	.54	*.56*	.57	.60	.62	.64	.68	.72	.72	.44	.72	.43
Mean	.68	.67	.66	.65	.65	.64	.63	.64	.66	.67	.68	.69	.69	.69	.69	.69	.69	.69	.69	.69	.69	.69	.69	.69	.68	.75	.59

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

April, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	E.	10	N.	20	NW.	35	N.	34	NW.	41	N.	46	N.	48	N.	43	N.	47	N.	48	N.	54	N.	39	N.	40
2	N.	19	NW.	29	N.	22	N.	26	NW.	28	NW.	29	NW.	34	W.	43	W.	51	W.	58	W.	73	W.	65	W.	60
3	W.	72	W.	74	W.	77	W.	68	W.	65	W.	61	W.	42	W.	59	W.	50	W.	44	W.	39	W.	36	W.	18
4	W.	33	SW.	30	W.	29	W.	24	SW.	25	W.	25	W.	29	W.	31	W.	32	W.	35	W.	28	W.	18	W.	16
5	SW.	27	SW.	28	SW.	30	SW.	32	W.	34	W.	36	W.	29	NW.	29	NW.	32	NW.	32	NW.	28	NW.	22	NW.	24
6	W.	30	W.	37	W.	39	W.	43	W.	36	W.	33	W.	39	W.	37	NW.	32	N.	16	N.	10	*NE.*	5	*E.*	7
7	*W.*	14	SW.	22	W.	37	W.	49	W.	52	W.	52	W.	46	W.	37	W.	33	W.	34	W.	36	W.	37	W.	40
8	W.	47	SW.	29	*W.*	28	*SW.*	31	S.	20	*NW.*	12	*W.*	7	*NW.*	18	W.	32	*SW.*	21	*W.*	9	SW.	11	SW.	17
9	*NW.*	9	N.	14	*N.*	18	NW.	21	NW.	39	NW.	43	NW.	50	NW.	47	*N.*	26	NE.	34	NE.	35	NE.	32	NE.	34
10	*N.*	30	*NE.*	28	N.	25	N.	28	N.	34	N.	25	N.	20	N.	16	NW.	35	*N.*	24	NW.	24	N.	13	NE.	5
11	NW.	22	W.	26	NW.	17	*N.*	16	N.	13	*NE.*	8	*NE.*	7	*N.*	9	*NW.*	9	*N.*	6	*NE.*	4	E.	5	E.	4
12	SW.	24	SW.	27	SW.	27	SW.	19	*W.*	31	W.	35	W.	27	W.	24	SW.	19	SW.	11	SW.	16	*S.*	18	S.	15
13	SE.	9	SE.	9	SE.	7	SE.	8	S.	7	S.	7	S.	7	S.	5	S.	5	S.	3	S.	1	S.	3	*SE.*	7
14	*NW.*	16	*N.*	13	*NE.*	17	*N.*	19	*NE.*	17	*N.*	18	*NW.*	36	NW.	41	*N.*	24	*NW.*	18	*N.*	16	*N.*	22	NW.	24
15	SW.	37	SW.	34	SW.	39	SW.	35	SW.	32	SW.	27	SW.	32	SW.	30	SW.	27	SW.	30	SW.	30	SW.	24	SW.	14
16	SW.	27	SW.	39	SW.	48	SW.	50	SW.	49	SW.	44	SW.	42	SW.	44	SW.	41	SW.	40	SW.	42	*S.*	43	SW.	49
17	SW.	36	SW.	33	*S.*	31	*SW.*	30	*S.*	30	*SW.*	18	*SE.*	13	*NE.*	12	*E.*	16	NE.	11	NE.	17	NE.	19	E.	31
18	NE.	22	NE.	21	NE.	18	*N.*	15	N.	19	*NW.*	24	N.	26	N.	28	*NE.*	30	*N.*	30	*NE.*	28	NE.	29	*N.*	27
19	*NW.*	25	NW.	26	N.	13	N.	15	N.	7	N.	12	N.	13	N.	20	N.	21	*NW.*	26	*N.*	26	*NW.*	22	N.	19
20	NE.	38	NE.	33	NE.	35	NE.	30	NE.	29	NE.	23	NE.	22	*N.*	21	NE.	19	*N.*	13	*NE.*	9	N.	9	N.	4
21	SW.	36	SW.	40	SW.	42	W.	50	W.	44	W.	50	W.	51	W.	42	W.	21	W.	10	W.	9	W.	11	W.	9
22	W.	23	W.	21	W.	20	SW.	20	SW.	21	W.	24	W.	28	W.	27	W.	16	W.	11	W.	5	SW.	7	SW.	10
23	W.	37	W.	36	W.	33	W.	35	W.	31	W.	31	W.	22	W.	15	W.	9	*S.*	6	E.	10	E.	8	E.	7
24	*NW.*	27	W.	19	W.	18	W.	31	W.	36	W.	36	W.	30	W.	24	NW.	24	*NW.*	25	W.	26	W.	14	W.	15
25	NW.	13	*NW.*	13	*W.*	17	SW.	17	SW.	18	SW.	21	SW.	25	W.	29	W.	26	W.	20	W.	14	*NW.*	8	NW.	5
26	SW.	32	SW.	30	SW.	33	SW.	42	SW.	46	SW.	41	SW.	42	SW.	43	S.	29	S.	25	S.	24	SW.	28	SW.	25
27	SW.	51	SW.	44	W.	42	W.	45	W.	48	SW.	36	SW.	38	SW.	49	SW.	53	SW.	42	SW.	38	SW.	24	SW.	25
28	SW.	35	SW.	36	SW.	44	SW.	48	SW.	61	SW.	75	SW.	76	SW.	71	SW.	67	SW.	55	SW.	46	S.	46	S.	37
29	SW.	73	SW.	86	SW.	88	SW.	96	W.	99	W.	65	W.	22	W.	13	S.	9	E.	13	E.	18	E.	22	E.	21
30	NE.	27	NE.	12	NE.	13	*N.*	20	N.	18	*NE.*	20	N.	21	N.	25	N.	22	*NE.*	24	N.	22	N.	27	NE.	30
Mean	SW.	30.0	SW.	30.3	SW.	31.4	SW.	33.2	W.	34.0	W.	32.0	W.	30.8	W.	31.1	W.	28.9	W.	25.5	W.	24.6	W.	22.2	W.	21.3

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [April, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	2	2	3	5	5	7	8	*8*	11	9	*9*	10	10	*11*	12	14	*15*	16	16	*13*	13	12	16	16	10.1	16	2
2	15	14	19	16	15	16	15	*14*	14	*15*	*15*	16	18	*20*	20	20	*20*	20	18	*17*	15	13	11	10	16.1	22	12
3	7	6	5	5	3	1	1	*1*	1	2	*2*	4	6	*8*	8	8	*8*	7	7	*5*	3	2	1	0	4.2	9	0
4	0	—1	—1	—1	—1	—2	—2	—*2*	—2	1	*0*	3	3	*6*	8	10	*11*	10	9	*7*	5	4	3	1	2.9	12	—2
5	3	*3*	4	5	5	5	6	*6*	7	8	*9*	10	12	*15*	16	17	*17*	18	17	*17*	15	14	13	12	10.6	19	2
6	12	12	10	11	10	10	10	*10*	12	13	*16*	19	17	*20*	21	22	*23*	23	22	*22*	20	19	18	17	16.2	25	10
7	16	15	15	15	15	15	15	*16*	17	16	*18*	18	21	*23*	24	23	*23*	23	23	*22*	21	20	19	18	18.8	26	15
8	17	16	14	13	12	11	11	*8*	9	9	*9*	9	9	*9*	9	9	*6*	4	4	*3*	2	2	2	1	8.2	10	3
9	0	0	—1	—2	—2	—4	—5	—*5*	—3	1	*6*	7	8	*11*	12	13	*13*	14	15	*15*	14	14	14	15	6.2	16	—5
10	15	16	16	16	15	15	15	*16*	15	16	*17*	19	24	*24*	23	25	*26*	25	24	*23*	22	22	21	20	19.6	27	14
11	20	19	22	21	22	23	22	*21*	23	26	*27*	29	30	*30*	31	30	*30*	30	28	*26*	24	23	20	22	25.0	33	19
12	21	21	19	19	18	19	19	*18*	18	19	*20*	22	21	*20*	20	20	*19*	17	16	*16*	15	15	15	16	18.5	22	16
13	15	15	15	15	14	14	14	*13*	13	13	*16*	18	20	*20*	21	20	*19*	20	18	*16*	14	14	15	15	16.1	20	13
14	15	13	11	14	17	16	16	*17*	17	17	*19*	19	18	*21*	23	23	*23*	23	22	*22*	20	19	17	16	18.2	25	11
15	15	16	16	16	14	13	13	*13*	13	13	*14*	17	19	*21*	22	22	*21*	21	21	*20*	19	20	21	20	17.5	25	13
16	17	17	17	17	17	16	16	*15*	15	*15*	*18*	20	22	*24*	25	27	*26*	26	23	*21*	20	18	17	17	19.4	28	14
17	17	16	15	15	14	14	13	*13*	12	7	*6*	6	6	*5*	6	9	*11*	9	2	*2*	2	3	2	2	8.6	13	2
18	2	2	2	2	1	2	3	*3*	2	3	*4*	4	5	*6*	7	8	*8*	9	9	*9*	9	8	8	7	5.1	9	1
19	5	5	5	5	4	3	2	*3*	2	2	*3*	4	5	*6*	7	8	*9*	9	10	*10*	12	13	13	13	6.5	10	2
20	13	13	14	14	15	15	16	*17*	18	18	*19*	21	22	*24*	24	24	*24*	24	22	*20*	18	16	16	14	18.4	26	10
21	14	14	16	17	18	19	18	*18*	18	20	*22*	23	24	*26*	25	25	*26*	25	24	*22*	22	21	21	21	20.8	28	13
22	21	20	20	20	20	20	20	*20*	21	21	*23*	23	24	*27*	26	26	*27*	27	25	*23*	22	21	20	19	22.3	28	19
23	18	18	17	17	16	16	15	*15*	18	*21*	*23*	23	24	*25*	26	26	*26*	24	24	*24*	22	20	20	19	20.7	28	14
24	18	17	16	16	16	16	16	*15*	16	17	*19*	22	24	*26*	27	27	*28*	28	28	*27*	25	23	22	21	21.2	29	14
25	21	19	18	18	17	17	16	*18*	18	20	*22*	24	25	*28*	28	31	*32*	29	27	*25*	23	22	21	21	22.5	33	16
26	21	22	21	21	22	21	22	*23*	23	25	*26*	28	29	*31*	32	32	*30*	28	26	*23*	21	19	19	18	24.3	33	21
27	17	16	15	15	13	13	14	*14*	17	17	*19*	21	22	*23*	23	24	*26*	26	25	*25*	22	21	20	20	19.5	29	13
28	19	18	18	17	17	17	16	*15*	15	16	*20*	21	23	*25*	25	25	*24*	24	21	*15*	12	8	6	3	17.5	27	14
29	2	2	0	0	4	5	4	*4*	5	8	*10*	10	11	*10*	10	11	*12*	12	11	*10*	9	9	7	7	7.2	12	—2
30	8	8	8	8	7	8	10	*10*	10	*10*	*10*	10	9	*8*	9	10	*10*	12	12	*13*	12	12	12	11	9.9	13	7
Mean	12.9	12.5	12.3	12.3	12.1	12.0	12.0	11.8	12.5	13.3	14.7	16.0	17.0	18.4	19.0	19.6	19.8	19.4	18.3	17.1	15.8	14.9	14.3	13.7	15.1	21.8	9.4

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[April, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	N.	28	NW.	33	NW.	33	N.	19	N.	14	N.	13	*W.*	15	NW.	25	NW.	23	NW.	18	N.	13	66	NW.
2	W.	54	W.	59	W.	57	W.	49	W.	53	W.	59	W.	44	W.	38	W.	39	W.	51	W.	72	82	W.
3	*N.*	11	N.	11	N.	11	NW.	14	NW.	16	NW.	14	NW.	15	W.	23	W.	27	W.	33	W.	36	84	W.
4	W.	20	W.	17	W.	16	W.	19	W.	19	SW.	19	SW.	18	SW.	18	SW.	20	SW.	22	SW.	29	40	W.
5	NW.	16	W.	20	NW.	15	W.	12	N.	6	NW.	10	W.	10	W.	13	W.	12	NW.	10	W.	24	39	W.
6	W.	11	*NW.*	10	*W.*	13	NW.	8	NW.	10	NW.	10	NW.	10	NW.	8	*N.*	8	*W.*	6	SW.	13	48	W.
7	W.	38	*SW.*	42	SW.	21	SW.	24	SW.	30	SW.	36	SW.	34	SW.	33	SW.	37	W.	46	SW.	54	56	W.
8	*SW.*	13	W.	14	W.	10	NW.	12	NW.	8	*N.*	10	NE.	11	NE.	13	NE.	13	NE.	8	N.	10	56	W.
9	NE.	37	NE.	38	NE.	36	NE.	22	NE.	18	*N.*	19	*N.*	19	NE.	21	NE.	18	NE.	25	NE.	29	60	NW.
10	NE.	5	W.	12	N.	10	NE.	10	*N.*	7	*NE.*	7	*NE.*	10	N.	15	N.	14	*N.*	14	NW.	14	42	N.
11	*SW.*	3	*S.*	5	SE.	7	S.	12	SW.	18	SW.	15	SW.	16	SW.	20	S.	15	SW.	11	SW.	24	32	W.
12	*SW.*	17	S.	20	S.	19	S.	18	S.	15	*S.*	12	SE.	9	SE.	9	SE.	8	SE.	9	SE.	9	42	SW.
13	S.	8	S.	5	*E.*	4	*W.*	4	E.	3	N.	5	*N.*	9	NW.	8	NW.	10	*NW.*	15	N.	17	19	N.
14	W.	17	*SW.*	13	*W.*	19	*SW.*	18	*W.*	20	SW.	33	SW.	37	SW.	40	*SW.*	36	W.	42	W.	49	54	W.
15	SW.	19	SW.	17	SW.	20	SW.	21	SW.	22	S.	24	*SE.*	19	SE.	20	SE.	13	S.	15	*S.*	17	48	SW.
16	SW.	31	*S.*	32	SW.	29	SW.	32	SW.	32	SW.	27	*S.*	28	SW.	27	SW.	33	SW.	38	SW.	39	58	SW.
17	NE.	31	E.	20	E.	8	SE.	3	NW.	7	N.	16	N.	21	NE.	25	N	21	N.	17	*NE.*	16	44	E.
18	*NE.*	22	*N.*	14	N.	14	NW.	17	NW.	21	NW.	12	NW.	15	*N.*	12	NW.	22	NW.	19	NW.	22	33	NW.
19	N.	17	N.	15	N.	22	N.	23	N.	23	NW.	32	NW.	49	N.	45	*NE.*	39	NE.	40	NE.	42	52	NW.
20	W.	8	W.	14	W.	12	*SW.*	12	S.	12	S.	14	S.	13	SW.	12	SW.	13	S.	26	SW.	37	44	NE.
21	*NW.*	13	NW.	9	NW.	13	NW.	9	NW.	8	W.	6	SW.	14	W.	22	W.	18	*NW.*	19	W.	21	55	W.
22	SW.	15	SW.	16	SW.	15	SW.	15	SW.	12	SW.	14	SW.	25	SW.	28	W.	39	W.	50	W.	35	56	W.
23	*SE.*	4	N.	6	W.	5	W.	9	W.	19	W.	20	W.	17	NW.	11	*NW.*	9	N.	16	*W.*	19	42	W.
24	NW.	11	NW.	12	N.	12	*N.*	15	NW.	13	NW.	12	NW.	9	W.	13	*W.*	12	NW.	13	NW.	12	40	W.
25	W.	4	*E.*	5	SW.	9	W.	14	SW.	18	SW.	18	SW.	15	S.	17	SW.	23	SW.	29	SW.	33	38	SW.
26	SW.	21	SW.	24	SW.	30	*W.*	38	S.	35	S.	32	S.	28	*W.*	28	W.	47	SW.	39	W.	67	72	W.
27	SW.	25	S.	26	S.	33	S.	26	S.	19	S.	18	S.	30	SW.	43	SW.	54	SW.	46	SW.	39	60	SW.
28	S.	25	S.	22	S.	43	S.	42	SW.	30	SW.	30	SW.	40	SW.	48	SW.	51	SW.	60	SW.	68	79	SW.
29	E.	21	E.	19	E.	22	E.	22	E.	20	E.	18	E.	18	E.	23	*NE.*	27	NE.	24	NE.	30	104	SW.
30	NE.	30	NE.	27	NE.	28	NE.	25	NE.	23	N.	21	*N.*	24	NW.	23	*NW.*	18	NE.	12	N.	11	39	NE.
Mean	W.	19.2	W.	19.2	SW.	19.5	SW.	18.8	SW.	18.4	SW.	19.2	SW.	20.4	SW.	22.7	SW.	24.0	SW.	25.8	SW.	30.0	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

May, 1894.] [Seventy-fifth

Day.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	.73	.73	.73	.73	.74	.74	.74	.74	.74	.77	*.78*	.79	.79	*.80*	.80	.80	*.79*	.78	.79	.79	.78	.78	.77	.76	.77	.80	.73
2	.75	.72	.70	.70	.68	.68	.68	.68	.70	*.75*	.77	.79	.79	*.79*	.79	.79	*.78*	.77	.77	.77	.78	.80	.81	.81	.75	.81	.68
3	.81	.80	.79	.78	.78	.78	.78	.78	.79	.82	*.83*	.83	.83	*.84*	.84	.82	*.83*	.80	.79	.80	.81	.82	.83	.82	.81	.84	.78
4	.82	.81	.80	.78	.78	.77	.77	.78	.80	*.84*	*.84*	.85	.84	*.84*	.83	.79	*.78*	.77	.75	.74	.73	.72	.69	.66	.78	.85	.66
5	.65	.63	.61	.62	.58	.60	.60	.59	.59	.64	*.68*	.71	.73	*.74*	.75	.75	*.74*	.76	.78	.77	.77	.78	.77	.75	.69	.78	.58
6	.74	.75	.72	.72	.71	.67	.69	.70	.73	.75	*.78*	.84	.84	*.83*	.83	.83	*.82*	.81	.80	.80	.80	.80	.80	.80	.77	.84	.67
7	.80	.80	.80	.80	.78	.81	.82	.84	.84	*.87*	*.90*	.90	.91	*.90*	.90	.91	*.91*	.90	.89	.87	.87	.87	.87	.87	.86	.91	.78
8	.85	.83	.82	.80	.81	.82	.82	.83	.84	.85	*.86*	.86	.87	*.87*	.86	.84	*.85*	.83	.82	.80	.78	.79	.79	.76	.83	.87	.76
9	.73	.72	.72	.73	.74	.74	.74	.75	.74	.74	*.75*	.73	.74	*.74*	.73	.73	*.73*	.75	.74	.74	.74	.75	.77	.78	.74	.78	.72
10	.78	.79	.79	.79	.79	.79	.80	.82	.86	.86	*.86*	.87	.89	*.89*	.91	.92	*.92*	.90	.89	.88	.89	.90	.90	.90	.86	.92	.78
11	.90	.91	.90	.89	.89	.89	.89	.89	.90	.92	*.95*	.96	.96	*.97*	.99	.99	*.98*	.99	.99	.99	.98	.99	.99	.99	.95	.99	.89
12	.99	.99	1.00	1.00	.98	.98	.98	.98	1.00	1.03	*1.04*	1.05	1.05	*1.05*	1.05	1.05	*1.04*	1.04	1.02	1.01	1.01	1.01	1.02	1.02	1.02	1.05	.98
13	1.02	1.00	.97	.97	.98	.98	.98	.98	.99	1.00	*1.01*	1.01	1.02	*1.01*	1.00	1.00	*.98*	.94	.91	.90	.92	.91	.91	.91	.97	1.02	.90
14	.90	.90	.87	.87	.85	.82	.81	.82	.83	*.87*	*.86*	.87	.87	*.86*	.85	.84	*.84*	.83	.82	.81	.79	.79	.77	.76	.84	.90	.76
15	.74	.72	.68	.66	.66	.64	.60	.59	.62	.65	*.66*	.66	.66	*.64*	.59	.58	*.58*	.57	.56	.56	.56	.56	.56	.55	.62	.74	.55
16	.52	.48	.45	.43	.41	.41	.42	.45	.49	.50	*.51*	.54	.55	*.56*	.57	.58	*.60*	.63	.65	.64	.63	.60	.61	.61	.54	.65	.41
17	.61	.62	.62	.63	.63	.63	.67	.71	.76	.78	*.80*	.82	.85	*.86*	.87	.88	*.89*	.90	.91	.92	.92	.92	.93	.94	.80	.94	.61
18	.93	.91	.91	.91	.92	.92	.93	.96	.97	.98	*.98*	.99	.98	*.98*	.99	1.00	*1.01*	1.00	1.00	.99	.99	.99	1.00	1.00	.97	1.01	.91
19	.99	.97	.96	.96	.97	.95	.93	.91	.90	.93	*.95*	.95	.94	*.94*	.93	.93	*.90*	.89	.89	.89	.89	.89	.90	.90	.93	.99	.89
20	.89	.89	.87	.87	.87	.86	.87	.87	.87	.88	*.89*	.88	.89	*.89*	.89	.91	*.91*	.90	.89	.88	.88	.88	.88	.88	.88	.91	.86
21	.88	.87	.85	.83	.83	.82	.82	.82	.82	*.85*	*.85*	.85	.85	*.84*	.85	.85	*.84*	.84	.83	.82	.83	.82	.81	.81	.84	.88	.81
22	.81	.80	.80	.79	.79	.79	.78	.78	.78	.78	*.79*	.78	.78	*.78*	.78	.78	*.76*	.76	.77	.78	.79	.80	.81	.81	.79	.81	.76
23	.80	.80	.79	.79	.78	.77	.77	.77	.79	.80	*.80*	.81	.81	*.82*	.82	.84	*.84*	.84	.85	.85	.85	.86	.88	.89	.82	.89	.77
24	.88	.88	.87	.86	.86	.86	.86	.86	.88	.87	*.87*	.88	.88	*.88*	.89	.89	*.89*	.88	.88	.88	.88	.88	.89	.89	.88	.89	.86
25	.89	.88	.87	.87	.87	.87	.87	.87	.88	.89	*.90*	.90	.89	*.88*	.88	.88	*.87*	.87	.88	.87	.88	.89	.88	.88	.88	.90	.87
26	.87	.86	.84	.84	.83	.82	.83	.84	.85	.87	*.89*	.91	.93	*.93*	.93	.93	*.93*	.93	.94	.95	.95	.96	.97	.97	.90	.97	.82
27	.96	.96	.97	.97	.97	.97	.97	.98	.97	.98	*.98*	.99	.99	*1.00*	1.00	.99	*.98*	.97	.96	.97	.97	.99	.99	.99	.98	1.00	.96
28	.99	.99	.99	.98	.98	.97	.97	.97	.96	*.96*	*1.00*	.99	.96	*.96*	.96	.94	*.93*	.93	.91	.89	.89	.89	.90	.89	.95	1.00	.89
29	.88	.87	.85	.85	.84	.83	.82	.81	.81	.82	*.83*	.83	.83	*.83*	.80	.79	*.78*	.78	.77	.78	.78	.77	.77	.76	.81	.88	.76
30	.74	.73	.74	.73	.72	.72	.71	.71	.70	.69	*.71*	.71	.72	*.72*	.73	.73	*.73*	.74	.75	.76	.76	.77	.77	.77	.73	.77	.69
31	.77	.77	.77	.77	.77	.76	.76	.76	.76	.79	*.78*	.80	.82	*.84*	.84	.85	*.84*	.84	.84	.85	.86	.87	.88	.88	.81	.88	.76
Mean	.83	.82	.81	.80	.80	.80	.80	.80	.81	.83	.84	.85	.85	.85	.85	.85	.85	.84	.84	.84	.84	.84	.84	.84	.83	.89	.77

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

May, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	N.	10	N.	9	N.	13	NW.	13	NW.	11	W.	9	W.	13	W.	21	W.	25	W.	23	W	28	SW.	26	SW.	27
2	SW.	43	SW.	50	SW.	59	SW.	56	SW.	52	SW.	61	SW.	52	SW.	51	SW.	56	SW.	41	SW.	26	SW.	20	S.	18
3	SW.	14	SW.	13	SW.	13	SW.	12	*W.*	12	*W.*	9	SW.	11	SW.	9	SW.	12	SW.	17	SW.	20	S.	19	S.	24
4	SW.	30	SW.	30	SW.	32	SW.	29	SW.	34	SW.	34	SW.	36	SW.	33	SW.	27	SW.	20	SW.	19	*W.*	21	SW.	21
5	W.	62	W.	61	W.	63	W.	61	W.	60	NW.	58	*W.*	57	*NW.*	59	W.	62	W.	64	W.	37	*NW.*	19	W.	22
6	W.	41	W.	40	W.	43	W.	46	*NW.*	51	*W.*	60	*NW.*	50	*W.*	59	*NW.*	54	*W.*	45	NW.	44	E.	15	W.	11
7	*W.*	27	NW.	22	NW.	25	NW.	29	W.	29	NW.	20	NW.	8	SE.	7	*SW.*	4	W.	5	*W.*	4	S.	4	SE.	8
8	SW.	38	SW.	37	SW.	37	SW.	39	*W.*	30	W.	20	W.	16	W.	11	NW.	5	NW.	9	NW.	7	W.	6	W.	10
9	W.	36	*NW.*	36	*W.*	34	NW.	37	NW.	30	NW.	32	W.	25	W.	36	W.	20	W.	10	W.	27	W.	20	W.	16
10	*SW.*	5	SW.	9	*W.*	9	W.	12	W.	11	W.	12	W.	12	W.	11	W.	9	*NW.*	7	*NE.*	2	NW.	1	S.	3
11	W.	23	W.	30	W.	29	W.	30	W.	31	W.	36	W.	37	W.	38	W.	42	W.	35	W.	32	W.	29	W.	32
12	W.	20	W.	20	W.	18	W.	21	W.	35	W.	34	W.	27	W.	27	W.	27	W.	21	W.	16	W.	11	W.	14
13	SW.	30	SW.	35	W.	42	W.	32	W.	24	W.	24	NE.	20	NE.	19	NE.	11	NE.	5	S.	6	S.	6	SW.	5
14	SW.	33	SW.	33	SW.	37	SW.	32	SW.	43	SW.	51	SW.	56	SW.	51	SW.	42	SW.	32	SW.	38	SW.	38	SW.	28
15	SW.	35	SW.	37	SW.	39	SW.	52	SW.	45	SW.	50	SW.	57	SW.	66	SW.	63	SW.	48	SW.	44	SW.	43	SW.	30
16	W.	30	W.	33	W.	43	SW.	38	SW.	43	SW.	51	W.	40	W.	48	W.	31	W.	34	W.	30	*S.*	35	SW.	36
17	W.	58	W.	52	NW.	49	NW.	55	NW.	48	NW.	54	N.	55	N.	33	*NE.*	21	NE.	10	*NE.*	8	*N.*	8	NE.	6
18	SW.	24	W.	32	W.	32	NW.	25	NW.	26	NW.	20	N.	17	N.	13	N.	7	N.	3	*NW.*	4	*W.*	7	SW.	10
19	*SW.*	24	W.	32	W.	29	W.	17	W.	14	W.	18	W.	30	W.	49	W.	50	W.	44	W.	33	*SW.*	26	SW.	19
20	W.	24	*W.*	23	SW.	19	SW.	22	SW.	24	SW.	16	SW.	19	SW.	18	SW.	14	SW.	9	SW.	13	SW.	16	SW.	15
21	S.	12	SW.	10	SW.	15	SW.	18	SW.	13	SW.	13	SW.	11	SW.	13	*S.*	8	S.	6	S.	6	S.	12	SW.	17
22	S.	15	S.	16	SW.	14	SW.	12	SW.	11	SW.	11	SW.	10	SW.	12	S.	11	S.	11	S.	14	S.	14	S.	17
23	SE.	5	SE.	3	S.	5	SE.	3	*SW.*	4	SE.	4	SW.	2	SW.	1	*SW.*	2	W.	2	NW.	2	NW.	4	W.	5
24	*NE.*	10	N.	11	NE.	14	NE.	15	NE.	16	*NE.*	13	N.	15	NW.	13	N.	11	*N.*	10	NW.	7	N.	9	N.	8
25	NE.	3	W.	7	W.	15	NW.	14	NW.	12	N.	13	N.	12	N.	8	NE.	5	N.	6	NE.	7	NE.	7	NW.	8
26	NW.	20	NW.	23	NW.	25	NW.	23	NW.	29	NW.	30	NW.	31	N.	26	N.	25	NE.	24	NE.	14	NE.	9	NE.	6
27	NW.	17	NW.	22	NW.	20	NW.	22	NW.	20	NW.	18	W.	20	W.	21	W.	22	W.	22	W.	22	W.	18	*SW.*	14
28	SW.	10	SW.	11	W.	12	NW.	11	NW.	10	NW.	4	*N.*	1	SW.	5	SW.	12	S.	9	SE.	5	*SE.*	7	E.	6
29	E.	11	E.	13	E.	15	*SE.*	13	E.	6	E.	8	E.	17	E.	22	NE.	28	*E.*	31	*NE.*	30	*NE.*	31	E.	31
30	NE.	23	NE.	21	NE.	22	E.	17	E.	22	E.	22	SE.	17	SE.	16	E.	15	*N.*	16	*NE.*	14	NE.	14	NE.	25
31	S.	9	S.	9	S.	*9	S.	*10	S.	*12	S.	*14	S.	*15	S.	*16	*S.*	*17	E.	15	E.	14	E.	14	E.	10
Mean	*W.*	23.9	*SW.*	25.2	W.	26.8	SW.	26.3	SW.	26.4	*NW.*	26.1	W.	25.5	W.	26.2	SW.	23.8	W.	20.5	W.	18.7	W.	16.1	SW.	16.2

* Estimated; frost work stopped movement of cups.

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings except those at 8 a. m. and 8 p. m. are printed in *italics*.

Meridian Time.] [May, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	11	11	11	12	12	12	12	13	13	14	*15*	17	18	*20*	22	23	*25*	24	25	24	20	21	20	19	17.2	25	11
2	18	18	18	18	18	17	17	18	19	*21*	24	25	*27*	28	28	28	*26*	24	23	22	21	22	21	20	21.3	29	16
3	19	17	18	18	17	16	16	16	17	19	*20*	22	23	*23*	22	21	*21*	20	20	21	19	19	18	17	19.1	23	16
4	17	18	18	17	17	17	17	17	18	19	*20*	22	23	*24*	25	26	*26*	27	27	25	23	22	21	20	21.1	27	17
5	19	19	19	18	18	18	18	18	18	19	*21*	24	25	*29*	30	29	*29*	28	28	28	25	24	23	22	22.9	31	18
6	21	20	19	18	18	18	17	18	20	20	*22*	25	26	*27*	29	31	*31*	32	32	32	27	26	25	24	24.0	32	16
7	23	22	22	22	21	22	22	23	24	*24*	*27*	27	28	*27*	30	30	*31*	30	27	26	23	23	22	21	24.9	31	21
8	23	22	22	23	23	23	22	23	25	25	*27*	29	31	*32*	33	32	*33*	33	33	32	27	27	25	23	27.0	34	20
9	23	23	22	22	23	23	23	23	23	23	*23*	25	25	*23*	22	23	*24*	26	25	22	20	20	19	19	22.8	29	22
10	19	19	20	19	18	16	14	15	12	14	20	23	23	*24*	23	25	*26*	25	23	22	20	20	21	22	20.1	26	12
11	22	22	23	22	22	21	21	22	22	24	*26*	27	29	*31*	32	32	*34*	32	33	30	29	28	26	26	26.5	35	20
12	26	26	27	27	27	27	27	27	27	29	*30*	32	33	*34*	35	34	*34*	25	27	29	28	28	27	27	29.3	36	26
13	27	27	27	26	26	28	28	30	31	33	*33*	35	37	*32*	34	35	*32*	29	26	25	25	25	26	27	29.3	38	25
14	26	26	26	25	25	25	26	25	26	*26*	*29*	30	30	*33*	34	36	*36*	36	33	34	32	30	30	28	29.6	37	24
15	27	27	26	25	25	24	23	22	23	23	*26*	28	30	*32*	32	32	*33*	31	31	28	27	24	21	18	26.6	33	22
16	16	14	12	10	9	8	6	6	7	10	*12*	14	17	*18*	20	20	*21*	20	20	20	18	17	15	14	14.3	22	6
17	14	14	13	13	12	12	16	18	21	23	*24*	25	26	*30*	31	33	*32*	31	28	27	25	24	23	20	22.3	34	12
18	20	21	22	23	23	23	25	26	26	26	*28*	29	27	*29*	29	30	*31*	31	32	31	30	31	31	30	27.1	32	18
19	28	27	26	26	28	27	27	28	29	30	*28*	30	31	*32*	33	34	*34*	34	36	34	32	31	30	31	30.2	36	26
20	30	30	28	28	27	27	27	28	28	31	*31*	33	34	*36*	37	38	*39*	39	38	34	32	31	30	30	31.9	40	26
21	30	29	28	28	27	27	27	27	27	*30*	*31*	33	33	*32*	32	35	*36*	34	32	28	27	27	26	26	29.7	36	27
22	26	25	23	22	22	21	21	21	21	21	*21*	25	26	*27*	24	24	*25*	25	26	25	24	23	20	19	23.2	28	21
23	19	18	17	17	17	16	16	16	16	18	*19*	20	22	*22*	23	22	*21*	19	18	18	17	17	18	18	18.5	23	16
24	18	17	17	16	15	15	15	16	17	17	*19*	20	22	*22*	24	23	*24*	24	24	24	23	23	22	22	20.0	25	15
25	22	22	21	22	21	21	21	22	22	23	*23*	24	25	*26*	24	24	*23*	24	23	23	22	22	22	22	22.7	26	20
26	22	22	23	22	23	23	23	24	24	25	*28*	29	31	*30*	32	29	*28*	28	30	30	29	28	27	27	26.5	33	22
27	29	29	28	29	28	27	27	28	29	31	*32*	34	36	*37*	37	36	*36*	34	32	32	32	31	30	30	31.4	38	25
28	30	30	31	32	32	32	32	31	32	*36*	*37*	37	38	*38*	37	36	*32*	32	32	33	34	34	32	31	33.4	39	30
29	30	30	29	29	29	29	29	29	29	*30*	29	29	29	*28*	28	29	*29*	28	28	29	27	26	25	24	28.4	31	28
30	27	27	27	26	24	25	25	26	25	24	*25*	24	24	*25*	24	24	*24*	24	24	24	24	24	24	24	24.8	26	24
31	24	23	23	23	23	23	22	22	22	22	*23*	23	24	*25*	25	25	*26*	25	25	24	23	23	23	23	23.5	26	22
Mean	22.8	22.4	22.1	21.9	21.6	21.4	21.3	21.8	22.3	23.5	24.8	26.4	27.5	28.4	28.7	29.0	29.0	28.5	27.8	26.9	25.3	24.9	24.0	23.4	24.8	31.0	20.1

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[May, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.	Direction.
1	SW.	26	SW.	25	SW.	25	SW.	27	SW.	29	SW.	24	SW.	19	SW.	23	SW.	28	SW.	33	SW.	34	37	SW.
2	SW.	25	SW.	31	SW.	28	*S.*	25	S.	23	S.	29	*S.*	25	SW.	22	SW.	18	SW.	15	SW.	15	70	W.
3	*SW.*	25	*S.*	27	SW.	28	SW.	27	SW.	16	SW.	16	SW.	24	SW.	19	W.	13	W.	16	W.	29	34	SW.
4	SW.	20	SW.	21	SW.	27	SW.	27	*W.*	24	*SW.*	24	W.	30	W.	36	W.	39	W.	50	W.	65	73	W.
5	W.	16	W.	14	*W.*	17	NW.	19	NW.	20	NW.	15	NW.	18	NW.	18	NW.	19	NW.	28	W.	41	72	W.
6	W.	22	W.	27	W.	18	W.	19	W.	19	W.	25	W.	18	W.	20	W.	30	W.	29	W.	28	76	W.
7	SE.	7	*SE.*	10	SW.	13	S.	12	*SW.*	21	S.	20	S.	26	S.	32	S.	37	S.	39	*SW.*	32	49	W.
8	W.	8	*SW.*	9	*SW.*	10	W.	13	*NW.*	10	W.	8	SW.	10	W.	24	W.	24	W.	27	W.	31	44	SW.
9	W.	12	W.	28	W.	30	*NW.*	25	*NW.*	19	W.	13	N.	14	NW.	26	NW.	27	*W.*	28	W.	15	43	W.
10	S.	4	S.	5	SW.	11	SW.	14	SW.	13	SW.	23	SW.	26	SW.	22	SW.	19	W.	16	W.	17	32	SW.
11	W.	24	W.	20	NW.	9	W.	13	W.	9	W.	7	W.	14	W.	21	W.	16	W.	24	W.	23	44	W.
12	W.	13	*SW.*	16	*W.*	13	W.	14	W.	7	SW.	27	SW.	29	SW.	20	SW.	28	SW.	28	SW.	27	42	W.
13	SW.	9	*W.*	11	W.	9	W.	16	W.	29	SW.	48	SW.	42	SW.	30	SW.	30	SW.	39	SW.	40	58	W.
14	SW.	28	SW.	31	SW.	32	S.	32	*S.*	28	*S.*	27	SW.	25	SW.	31	SW.	32	W.	30	SW.	42	60	SW.
15	SW.	27	W.	43	SW.	49	SW.	43	W.	38	W.	38	W.	38	W.	31	W.	25	*S.*	20	*SW.*	20	77	SW.
16	SW.	36	W.	38	W.	40	W.	48	W.	43	NW.	22	NW.	18	NW.	23	W.	50	W.	49	W.	49	68	W.
17	W.	6	NW.	7	NW.	7	NW.	8	NW.	7	*NE.*	6	E.	7	SE.	5	W.	14	W.	17	SW.	20	62	W.
18	W.	12	*SW.*	14	SW.	17	W.	19	W.	19	W.	13	W.	17	W.	18	W.	20	W.	17	SW.	15	40	W.
19	SW.	21	SW.	22	SW.	21	SW.	24	SW.	27	SW.	27	SW.	28	SW.	21	SW.	21	SW.	24	*W.*	21	55	W.
20	SW.	12	SW.	13	SW.	15	SW.	16	SW.	17	SW.	19	SE.	9	SE.	15	SE.	16	E.	16	SE.	16	31	SW.
21	SW.	16	SW.	17	*S.*	18	*SW.*	18	*S.*	14	*SW.*	15	S.	20	SW.	15	S.	21	S.	27	S.	20	38	S.
22	S.	17	SE.	12	E.	17	E.	16	SE.	14	SE.	8	SW.	12	S.	10	SW.	9	*E.*	5	*NE.*	5	21	E.
23	NW.	4	NE.	4	NE.	4	N.	6	*NW.*	6	N.	7	NW.	8	*N.*	8	NW.	7	*N.*	10	*N.*	15	15	NW.
24	N.	9	*NW.*	7	*N.*	8	*NW.*	9	N.	9	*N.*	6	NE.	7	NE.	5	*NE.*	6	*N.*	8	*N.*	7	18	NW.
25	NW.	6	N.	8	NW.	8	N.	11	N.	14	NE.	15	N.	14	*NE.*	16	NE.	9	NW.	15	*N.*	15	26	NW.
26	NE.	5	NE.	9	NE.	6	*W.*	7	NE.	8	NE.	7	NE.	7	N.	14	N.	13	NE.	9	NE.	7	37	NW.
27	SW.	10	SW.	9	S.	9	S.	17	SW.	22	*S.*	33	SW.	33	SW.	23	W.	8	W.	11	SW.	11	39	SW.
28	E.	10	W.	6	*NE.*	10	E.	9	NE.	15	E.	14	E.	11	SW.	7	W.	2	E.	7	E.	12	20	NE.
29	E.	32	E.	35	E.	40	E.	33	*NE.*	31	E.	26	E.	30	E.	19	NE.	27	NE.	34	NE.	30	44	NE.
30	*E.*	26	SE.	24	SE.	18	SE.	15	SE.	11	SE.	8	SE.	6	SE.	9	SE.	12	S.	11	S.	8	36	NE.
31	E.	7	E.	9	E.	7	E.	6	E.	6	E.	5	E.	3	E.	16	SE.	23	SE.	20	SE.	15	29	SE.
Mean	SW.	16.0	SW.	17.8	SW.	18.2	*W.*	18.9	W.	18.2	SW.	18.5	SW.	18.9	SW.	19.3	W.	20.6	W.	22.5	W.	23.2	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings are printed in *italics*.

June, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean	Max.	Min.
1	.89	.89	.89	.89	.89	.89	.89	.90	.91	.91	.91	.91	.93	.95	.95	.94	.93	.93	.93	.94	.94	.94	.95	.95	.92	.95	.89
2	.95	.94	.93	.93	.92	.91	.91	.91	.91	.94	.95	.96	.97	.97	.97	.97	.96	.96	.95	.96	.95	.96	.96	.96	.95	.97	.91
3	.96	.96	.95	.95	.94	.94	.94	.95	.96	.97	.98	.98	.99	.99	.99	.99	.99	.98	.99	.99	.99	.99	.99	.99	.97	.99	.94
4	.98	.97	.96	.94	.94	.94	.93	.93	.93	.95	.97	.97	.98	.98	.97	.96	.95	.94	.94	.94	.94	.94	.95	.95	.95	.98	.93
5	.95	.95	.95	.95	.95	.95	.95	.96	.96	.96	.96	.97	.97	.96	.96	.95	.95	.93	.93	.93	.94	.94	.94	.94	.95	.97	.93
6	.92	.91	.91	.90	.87	.86	.86	.86	.86	.87	.88	.88	.90	.90	.89	.90	.87	.87	.86	.85	.85	.85	.83	.81	.87	.92	.81
7	.80	.78	.78	.78	.76	.74	.71	.71	.74	.75	.75	.76	.77	.77	.76	.75	.73	.73	.71	.72	.72	.71	.73	.71	.74	.80	.71
8	.69	.67	.67	.67	.67	.66	.64	.62	.63	.60	.58	.59	.58	.57	.60	.60	.58	.58	.59	.58	.60	.63	.63	.63	.62	.69	.57
9	.61	.61	.58	.55	.57	.60	.63	.66	.67	.72	.74	.75	.75	.75	.76	.77	.79	.80	.80	.80	.80	.81	.83	.83	.72	.83	.55
10	.82	.80	.78	.77	.73	.73	.74	.77	.80	.82	.82	.82	.82	.80	.80	.79	.79	.79	.78	.78	.77	.78	.78	.77	.78	.82	.73
11	.77	.76	.74	.72	.70	.70	.74	.74	.74	.75	.74	.75	.82	.84	.82	.82	.83	.84	.84	.84	.84	.85	.85	.85	.79	.85	.70
12	.85	.82	.80	.80	.80	.82	.85	.85	.87	.87	.87	.87	.87	.90	.91	.94	.95	.95	.95	.95	.95	.95	.95	.95	.88	.95	.80
13	.95	.94	.91	.88	.86	.87	.87	.87	.86	.87	.88	.90	.90	.90	.92	.92	.92	.92	.92	.94	.94	.94	.94	.94	.91	.95	.86
14	.94	.94	.93	.92	.91	.90	.91	.92	.95	.97	.98	.99	.98	.98	.97	.97	.96	.95	.96	.96	.95	.96	.97	.98	.95	.99	.90
15	.98	.98	.98	.97	.96	.96	.96	.96	.96	.97	.98	.99	.98	.97	.96	.94	.94	.93	.93	.89	.92	.93	.94	.94	.96	.99	.89
16	.94	.93	.93	.93	.92	.92	.92	.92	.93	.95	.95	.95	.95	.94	.93	.94	.93	.92	.93	.93	.94	.94	.95	.94	.94	.95	.92
17	.94	.94	.93	.91	.91	.91	.92	.92	.92	.96	.98	.99	.99	1.00	1.00	.99	.98	.97	.96	.96	.96	.97	.98	.98	.96	1.00	.91
18	.95	.94	.90	.84	.85	.85	.85	.87	.88	.89	.92	.92	.91	.90	.88	.87	.87	.84	.81	.80	.81	.82	.83	.82	.87	.95	.80
19	.81	.79	.78	.76	.75	.71	.71	.72	.71	.71	.70	.72	.71	.70	.71	.72	.72	.74	.74	.75	.75	.75	.73	.72	.73	.81	.70
20	.70	.71	.70	.73	.71	.73	.75	.73	.76	.81	.83	.84	.85	.89	.89	.89	.89	.89	.88	.90	.90	.90	.90	.91	.82	.91	.70
21	.90	.90	.88	.87	.86	.86	.86	.86	.89	.91	.93	.94	.95	.96	.96	.97	.97	.96	.95	.95	.95	.96	.97	.97	.92	.97	.86
22	.97	.96	.94	.94	.93	.92	.91	.92	.94	.95	.96	.96	.96	.96	.93	.92	.90	.90	.88	.91	.92	.91	.92	.93	.93	.97	.88
23	.93	.92	.92	.91	.90	.91	.91	.91	.93	.95	.96	.96	.97	.98	.98	.97	.97	.90	.90	.96	.96	.96	.96	.96	.94	.98	.90
24	.97	.97	.95	.94	.94	.93	.93	.93	.94	.98	.99	.98	.97	.96	.96	.97	.98	.97	.95	.95	.95	.95	.94	.94	.96	.99	.93
25	.95	.93	.92	.92	.92	.92	.91	.91	.90	.90	.94	.94	.95	.94	.90	.92	.94	.93	.92	.94	.96	.96	.97	.98	.93	.98	.90
26	.97	.92	.95	.99	.93	.90	.88	.88	.91	.94	.92	.91	.91	.90	.89	.90	.89	.89	.87	.86	.85	.85	.85	.86	.90	.99	.85
27	.83	.80	.78	.76	.76	.74	.73	.73	.74	.77	.76	.79	.79	.78	.78	.81	.84	.84	.82	.85	.84	.84	.86	.88	.80	.88	.73
28	.91	.91	.89	.89	.91	.91	.92	.93	.94	.95	.97	.99	.99	1.00	1.00	1.02	1.03	1.03	1.03	1.03	1.04	1.04	1.04	1.04	.98	1.04	.89
29	1.04	1.03	1.03	1.03	1.03	1.02	1.01	1.03	1.03	1.09	1.10	1.10	1.10	1.10	1.10	1.10	1.09	1.08	1.08	1.08	1.08	1.09	1.09	1.10	1.07	1.10	1.01
30	1.09	1.07	1.04	1.02	1.01	1.01	1.01	1.02	1.04	1.06	1.09	1.12	1.12	1.13	1.13	1.13	1.14	1.14	1.14	1.14	1.13	1.14	1.15	1.16	1.09	1.16	1.01
Mean	.90	.89	.88	.87	.86	.86	.86	.86	.87	.89	.90	.91	.91	.91	.91	.91	.91	.90	.90	.90	.90	.91	.91	.91	.89	.94	.84

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

June, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	SE.	15	S.	12	*S.*	12	SW.	9	SW.	10	SW.	9	*W.*	11	*NW.*	11	NW.	13	N.	10	*NW.*	8	N.	7	NE.	10
2	N.	16	N.	20	NE.	24	NE.	21	NE.	19	N.	26	N.	24	NE.	25	NE.	25	NE.	22	NE.	13	NE.	10	NE.	10
3	NE.	18	NE.	15	NE.	13	NE.	12	NE.	12	NE.	12	N.	11	*N.*	10	*NE.*	11	*N.*	11	N.	16	NW.	15	N.	13
4	W.	6	NW.	15	NW.	21	NW.	26	NW.	30	NW.	29	NW.	28	NW.	29	NE.	25	NE.	20	NE.	15	NE.	12	*N.*	11
5	NE.	6	NE.	9	N.	15	NE.	12	E.	14	E.	11	E.	6	E.	2	NW.	2	E.	3	SE.	8	S.	6	S.	6
6	S.	27	S.	21	SW.	14	SW.	10	SW.	16	SW.	14	SW.	17	SW.	11	SW.	12	S.	16	SW.	15	SW.	14	SW.	13
7	S.	26	SW.	26	*W.*	27	SW.	23	SW.	17	*SW.*	18	W.	18	W.	22	W.	26	*SW.*	33	SW.	32	SW.	28	SW.	32
8	W.	23	W.	31	W.	30	W.	28	W.	23	*SW.*	22	SW.	21	*W.*	36	SW.	32	SW.	34	SW.	54	W.	47	W.	44
9	*W.*	31	NW.	23	NW.	20	NW.	28	W.	36	NW.	28	NW.	30	NW.	13	*W.*	10	W.	8	NW.	6	NW.	5	*NW.*	17
10	SW.	20	SW.	31	SW.	39	SW.	45	SW.	47	SW.	56	SW.	50	SW.	42	SW.	23	SW.	30	SW.	30	SW.	34	*S.*	28
11	SW.	52	S.	51	SW.	64	SW.	69	SW.	79	SW.	73	SW.	64	SW.	64	SW.	64	SW.	66	SW.	64	SW.	62	SW.	66
12	SW.	54	SW.	62	SW.	71	SW.	67	SW.	62	SW.	41	SW.	29	SW.	30	SW.	34	SW.	31	SW.	27	SW.	21	S.	14
13	S.	30	S.	30	SW.	37	*W.*	43	*W.*	54	SW.	63	W.	58	SW.	58	SW.	53	SW.	60	SW.	56	SW.	47	SW.	39
14	W.	34	W.	31	W.	24	W.	27	W.	28	W.	34	SW.	29	SW.	23	SW.	19	SW.	15	SW.	18	*SW.*	22	S.	17
15	SW.	11	*S.*	11	SE.	13	*E.*	12	SE.	10	SE.	15	SE.	22	S.	22	SE.	19	S.	18	S.	16	*SE.*	9	S.	13
16	S.	10	SW.	8	*W.*	6	SW.	11	*S.*	13	*SW.*	15	SW.	16	SW.	10	*W.*	10	W.	9	W.	9	SW.	13	SW.	19
17	W.	34	W.	30	*NW.*	28	*W.*	33	NW.	30	NW.	21	NW.	21	*W.*	22	W.	29	W.	26	*NW.*	10	S.	4	SW.	5
18	W.	35	W.	45	W.	56	W.	73	SW.	64	SW.	56	SW.	58	SW.	39	SW.	41	SW.	33	S.	22	S.	20	SW	20
19	SW.	30	SW.	35	SW.	40	SW.	42	SW.	40	SW.	54	SW.	57	SW.	50	SW.	45	SW.	48	SW.	51	SW.	41	SW.	40
20	W.	80	W.	78	W.	77	W.	66	W.	57	W.	54	*W.*	41	SW.	45	SW.	47	SW.	44	SW.	27	SW.	15	SW.	13
21	E.	12	E.	15	SE.	13	S.	12	S.	15	S.	19	SW.	22	SW.	25	SW.	19	S.	19	SW.	20	SW.	19	S.	25
22	S.	17	SE.	13	SE.	14	S.	14	S.	14	SE.	14	SW.	21	SW.	20	SW.	15	SW.	17	SW.	20	SW.	24	SW.	24
23	W.	36	W.	32	W.	33	W.	27	W.	26	W.	29	W.	29	W.	29	W.	30	W.	33	W.	31	W.	30	W.	28
24	W.	19	W.	16	SW.	23	SW.	30	SW.	24	SW.	23	SW.	26	SW.	28	SW.	33	SW.	26	SW.	23	SW.	21	SW.	27
25	W.	17	W.	21	W.	28	W.	21	SW.	15	SW.	16	SW.	17	SW.	21	SW.	18	W.	16	W.	12	W.	15	W.	19
26	S.	17	S.	18	S.	18	SW.	21	SW.	26	W.	35	W.	42	*W.*	42	SW.	37	SW.	29	SW.	26	SW.	25	SW.	26
27	SW.	35	SW.	45	SW.	49	SW.	44	SW.	41	*W.*	41	SW.	34	W.	33	W.	38	W.	31	W.	26	W.	25	*SW.*	24
28	W.	43	W.	44	W.	49	W.	61	W.	57	W.	51	W.	50	W.	48	W.	51	W.	51	W.	48	W.	43	*SW.*	30
29	W.	21	W.	30	W.	35	W.	31	W.	31	W.	34	W.	42	W.	45	W.	40	W.	42	W.	23	SW.	11	SW.	16
30	SW.	26	W.	36	W.	46	W.	53	W.	56	W.	59	W.	58	W.	59	W.	60	W.	56	W.	46	W.	42	SW.	19
Mean	W.	26.7	W.	28.5	W.	31.3	SW.	32.4	SW.	32.2	SW.	32.4	SW.	31.7	SW.	30.5	SW.	29.7	SW.	28.6	SW.	25.7	SW.	22.6	SW.	22.3

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [June 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	22	22	22	22	22	22	22	22	22	22	*22*	22	22	*24*	25	27	*27*	26	27	*28*	28	28	27	27	24.2	29	22
2	26	26	25	25	25	25	26	*26*	26	26	27	28	28	*29*	30	31	*31*	30	30	*29*	29	28	28	28	27.6	31	25
3	28	28	28	28	27	27	27	*27*	27	28	*28*	29	30	*31*	30	30	30	30	30	*30*	30	30	30	30	28.9	31	27
4	30	30	30	28	28	29	29	*30*	30	*31*	*35*	36	37	*37*	37	36	*36*	31	30	*30*	32	32	30	34	32.2	34	27
5	34	34	27	27	27	27	26	*27*	31	35	*32*	32	30	*28*	27	27	*26*	26	26	*25*	26	26	25	27	28.2	35	24
6	26	26	25	26	27	26	27	*27*	27	27	*26*	27	28	*29*	29	30	*28*	29	29	*28*	28	28	27	26	27.3	30	25
7	26	24	25	25	25	24	22	*22*	19	20	*21*	23	22	*23*	24	25	*24*	24	23	*22*	24	23	23	21	23.1	25	18
8	17	16	15	15	14	14	14	*14*	14	16	*16*	17	18	*16*	16	17	*17*	16	15	*14*	12	11	9	9	14.7	18	13
9	8	8	8	7	6	7	10	*11*	14	16	*17*	19	20	*20*	20	21	*22*	23	24	*23*	23	22	21	21	16.3	24	7
10	21	21	22	22	21	21	21	*21*	21	23	*25*	27	27	*28*	29	30	*31*	31	32	*32*	31	30	30	29	26.1	33	21
11	31	30	30	28	28	27	28	*27*	27	*30*	*32*	32	33	*34*	35	36	*35*	35	34	*33*	32	32	31	30	31.2	36	26
12	30	29	30	29	30	30	30	*30*	30	30	*30*	31	33	*37*	40	37	*37*	37	35	*35*	34	32	31	29	32.3	40	29
13	29	29	30	29	29	29	28	*27*	29	30	*31*	31	32	*33*	34	34	*35*	35	35	*34*	34	33	33	32	31.5	35	27
14	31	31	30	30	29	29	28	*27*	28	30	*31*	31	31	*32*	31	32	*32*	32	31	*30*	28	27	26	25	29.7	32	25
15	26	27	27	25	25	26	26	*26*	26	27	*28*	31	31	*32*	32	32	*31*	29	27	*25*	25	28	28	27	27.8	33	25
16	27	25	27	27	27	27	28	*30*	30	32	*32*	33	33	*31*	28	29	*29*	30	30	*30*	29	29	29	28	29.2	33	24
17	28	29	30	30	29	29	29	*30*	30	30	*32*	36	36	*36*	39	38	*36*	36	36	*35*	34	34	34	35	33.0	39	27
18	34	34	33	32	32	32	31	*31*	31	*32*	*36*	38	38	*38*	38	38	*38*	38	37	*36*	35	34	34	33	34.7	40	30
19	33	31	30	29	28	27	26	*24*	24	24	*25*	26	28	*28*	30	30	*30*	29	28	*26*	24	23	22	22	27.0	30	24
20	22	21	21	20	20	20	20	*20*	21	22	*34*	27	28	*30*	31	33	*33*	34	32	*32*	30	28	28	27	26.0	36	19
21	26	26	27	27	26	26	25	*25*	25	26	*28*	29	30	*32*	33	33	*34*	34	33	*33*	33	32	32	32	29.5	35	24
22	32	31	31	31	31	32	31	*31*	32	31	*33*	34	34	*36*	36	36	*36*	37	36	*36*	35	34	33	32	33.4	37	30
23	32	30	31	31	30	29	28	*27*	27	28	*29*	31	32	*32*	33	33	*34*	33	34	*35*	35	32	32	31	31.2	36	26
24	31	30	28	27	26	26	26	*26*	27	29	*30*	30	33	*33*	34	34	*34*	35	32	*32*	33	33	32	30	30.5	36	26
25	30	28	30	29	27	27	26	*27*	28	*29*	*31*	31	33	*33*	35	34	*34*	34	34	*34*	33	33	32	31	30.9	36	26
26	31	30	29	29	28	28	28	*28*	28	29	*31*	32	34	*35*	36	37	*37*	39	40	*39*	37	35	34	34	32.8	40	27
27	32	32	30	29	27	26	25	*23*	23	25	*25*	27	26	*28*	29	29	*29*	28	27	*26*	25	22	22	23	26.6	30	23
28	21	21	22	23	23	23	23	*23*	24	25	*27*	30	33	*34*	36	36	*36*	36	36	*35*	34	34	34	33	29.2	37	21
29	32	32	32	32	32	31	30	*31*	31	31	*33*	35	37	*38*	40	39	*39*	39	38	*38*	36	36	36	36	34.8	41	29
30	35	35	33	33	33	33	33	*34*	34	35	*36*	38	39	*42*	43	44	*44*	44	41	*39*	38	39	38	38	37.5	44	32
Mean	27.7	27.2	26.9	26.5	26.1	26.0	25.8	25.8	26.2	27.3	28.4	29.8	30.5	31.5	32.0	32.3	32.2	32.0	31.4	30.8	30.2	29.6	29.0	28.7	28.9	34.2	24.3

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[June, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	*N.*	18	NE.	16	NE.	11	*N.*	12	N.	15	*NE.*	12	NE.	7	NE.	9	NE.	9	NE.	11	N.	11	20	NE.
2	*N.*	12	NE.	11	NE.	8	NE.	10	N.	13	NE.	16	NE.	18	NE.	15	NE.	15	NE.	16	NE.	13	32	N.
3	N.	11	NE.	10	NE.	11	W.	20	*W.*	12	NE.	11	N.	15	NW.	15	NW.	15	NW.	12	NW.	11	24	W.
4	E.	5	SE.	5	E.	6	NE.	6	NE.	20	SW.	21	W.	15	N.	20	*W.*	25	SW.	10	NE.	8	35	SW.
5	*W.*	11	SE.	17	SE.	16	SE.	10	SW.	14	W.	36	SW.	26	W.	31	W.	11	W.	6	S.	17	45	W.
6	*SW.*	10	S.	7	S.	7	S.	8	S.	10	S.	5	S.	5	SE.	12	S.	22	S.	18	S.	28	33	S.
7	SW.	27	SW.	29	SW.	26	SW.	28	SW.	29	*W.*	22	SW.	28	SW.	25	SW.	25	SW.	20	W.	15	41	W.
8	W.	55	SW.	42	*SW.*	34	W.	37	W.	40	W.	36	W.	36	W.	45	W.	43	W.	35	W.	31	69	W.
9	W.	37	*W.*	41	SW.	38	SW.	43	SW.	38	SW.	27	SW.	28	SW.	34	SW.	24	SW.	20	SW.	24	54	SW.
10	S.	36	SW.	43	SW.	44	S.	45	*S.*	43	SW.	43	SW.	39	SW.	42	SW.	37	SW.	36	SW.	41	66	SW.
11	SW.	66	SW.	59	SW.	44	SW.	36	SW.	37	SW.	39	SW.	39	SW.	36	SW.	36	SW.	44	SW.	50	84	SW.
12	S.	11	SE.	10	S.	18	S.	18	S.	19	*E.*	13	SE.	19	SE.	21	SE.	23	SE.	20	SE.	28	75	NE.
13	SW.	49	SW.	38	SW.	37	SW.	35	SW.	24	SW.	19	*S.*	16	S.	11	*S.*	18	SW.	28	SW.	31	72	SW.
14	S.	16	S.	18	*SE.*	14	S.	19	*SE.*	12	*S.*	9	*E.*	11	*E.*	17	*SE.*	17	S.	13	NW.	10	36	W.
15	S.	16	S.	17	S.	18	S.	14	SE.	12	S.	17	*W.*	40	SW.	39	SW.	19	*W.*	17	E.	7	60	W.
16	SW.	14	S.	12	*S.*	18	SW.	23	SW.	27	SW.	20	SW.	19	W.	18	W.	36	*SW.*	32	SW.	30	41	W.
17	*S.*	8	SW.	7	W.	15	SW.	23	SW.	26	S.	28	S.	32	S.	29	S.	30	S.	22	SW.	24	36	S.
18	S.	22	S.	31	*S.*	31	SW.	35	SW.	35	SW.	45	*S.*	47	SW.	37	W.	23	SW.	30	SW.	29	76	W.
19	SW.	44	SW.	41	SW.	43	SW.	54	SW.	50	SW.	41	SW.	42	SW.	40	SW.	45	*W.*	59	W.	71	72	SW.
20	SW.	12	*W.*	9	W.	9	S.	6	SW.	8	SW.	12	SW.	14	SE.	17	S.	13	*S.*	18	E.	13	90	W.
21	S.	22	SW.	17	SW.	17	SW.	18	SW.	20	SW.	24	SW.	22	SW.	17	W.	11	W.	4	SE.	11	40	SW.
22	SW.	24	SW.	29	SW.	29	SW.	32	SW.	34	SW.	24	SW.	28	SW.	31	S.	20	S.	40	SW.	37	52	S.
23	SW.	22	W.	22	W.	17	W.	21	W.	22	W.	21	W.	18	W.	19	W.	22	W.	26	W.	20	41	W.
24	SW.	31	SW.	31	S.	28	S.	27	S.	25	S.	31	S.	22	SE.	14	SE.	11	*S.*	9	SW.	16	42	S.
25	*SW.*	15	W.	16	SW.	18	S.	18	S.	27	S.	23	S.	21	SE.	13	*SE.*	18	S.	18	S.	18	37	W.
26	SW.	26	SW.	31	*S.*	29	S.	25	*S.*	33	SW.	28	SW.	35	SW.	41	SW.	44	SW.	38	*S.*	32	51	W.
27	SW.	35	SW.	32	W.	39	W.	46	W.	36	W.	33	W.	47	W.	38	W.	51	W.	56	W.	54	67	W.
28	SW.	30	*W.*	34	SW.	24	SW.	27	SW.	27	SW.	26	*S.*	18	*S.*	25	SW.	20	*SW.*	25	W.	24	67	W.
29	SW.	17	SW.	12	SW.	12	SW.	18	S.	22	SW.	20	S.	21	S.	22	S.	23	SW.	23	SW.	25	48	W.
30	W.	22	SW.	16	*SW.*	24	W.	22	W.	18	W.	16	*S.*	24	SW.	13	SW.	22	W.	16	SW.	14	67	W.
Mean	SW.	24.2	SW.	23.4	SW.	22.8	SW.	24.5	SW.	24.9	SW.	23.9	SW.	25.1	SW.	24.5	SW.	24.3	SW.	24.2	SW.	25.0	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings are printed in *italics*.

July, 1894.] [Seventy-fifth

Day.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.17	1.17	1.17	1.17	1.17	1.18	1.19	*1.20*	1.22	1.22	*1.23*	1.24	1.25	*1.25*	1.24	1.24	*1.24*	1.24	1.23	*1.23*	1.22	1.22	1.25	1.25	1.22	1.25	1.17
2	1.25	1.23	1.21	1.20	1.20	1.20	1.20	*1.21*	1.21	*1.20*	*1.22*	1.22	1.22	*1.22*	1.21	1.20	*1.20*	1.21	1.20	*1.19*	1.19	1.18	1.18	1.18	1.20	1.25	1.18
3	1.17	1.17	1.16	1.14	1.12	1.12	1.12	*1.12*	1.13	1.13	*1.14*	1.15	1.15	*1.15*	1.15	1.15	*1.14*	1.13	1.12	*1.10*	1.10	1.10	1.10	1.10	1.13	1.17	1.10
4	1.10	1.11	1.09	1.09	1.07	1.07	1.07	*1.08*	1.07	1.07	*1.08*	1.10	1.10	*1.09*	1.09	1.09	*1.08*	1.07	1.08	*1.08*	1.08	1.09	1.10	1.10	1.08	1.11	1.07
5	1.10	1.11	1.10	1.09	1.08	1.08	1.09	*1.09*	1.09	1.10	*1.10*	1.10	1.11	*1.12*	1.09	1.07	*1.06*	1.05	1.05	*1.05*	1.06	1.07	1.07	1.06	1.08	1.12	1.05
6	1.06	1.06	1.06	1.06	1.06	1.05	1.05	*1.05*	1.06	1.06	*1.06*	1.07	1.07	*1.05*	1.05	1.05	*1.04*	1.05	1.04	*1.04*	1.05	1.05	1.07	1.07	1.06	1.07	1.04
7	1.08	1.08	1.08	1.08	1.08	1.08	1.08	*1.08*	1.09	1.08	*1.10*	1.11	1.10	*1.10*	1.10	1.10	*1.10*	1.10	1.09	*1.09*	1.08	1.09	1.11	1.11	1.09	1.11	1.08
8	1.10	1.10	1.10	1.10	1.10	1.11	1.11	*1.11*	1.11	1.12	*1.12*	1.12	1.13	*1.15*	1.15	1.15	*1.15*	1.15	1.14	*1.14*	1.14	1.14	1.15	1.15	1.13	1.15	1.10
9	1.15	1.15	1.15	1.15	1.15	1.14	1.14	*1.14*	1.14	*1.15*	*1.15*	1.15	1.17	*1.17*	1.17	1.17	*1.17*	1.17	1.17	*1.17*	1.17	1.17	1.18	1.18	1.16	1.18	1.14
10	1.18	1.19	1.18	1.17	1.17	1.18	1.18	*1.18*	1.18	1.18	*1.18*	1.18	1.18	*1.18*	1.18	1.18	*1.17*	1.16	1.15	*1.15*	1.15	1.15	1.15	1.16	1.17	1.19	1.15
11	1.16	1.15	1.14	1.13	1.13	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.11	1.10	*1.10*	1.10	1.11	1.11	1.12	1.12	1.16	1.10
12	1.12	1.11	1.11	1.11	1.11	1.11	1.11	*1.11*	1.11	1.11	*1.12*	1.12	1.14	*1.15*	1.15	1.15	*1.14*	1.13	1.13	*1.14*	1.13	1.14	1.13	1.14	1.13	1.15	1.11
13	1.14	1.13	1.12	1.10	1.09	1.08	1.08	*1.08*	1.10	1.11	*1.12*	1.13	1.13	*1.14*	1.13	1.13	*1.12*	1.12	1.12	*1.13*	1.12	1.11	1.07	1.09	1.11	1.14	1.07
14	1.09	1.07	1.06	1.06	1.06	1.06	1.05	*1.05*	1.07	1.11	*1.12*	1.14	1.12	*1.11*	1.11	1.11	*1.11*	1.11	1.10	*1.09*	1.09	1.10	1.10	1.10	1.09	1.14	1.05
15	1.10	1.11	1.11	1.10	1.10	1.09	1.10	*1.10*	1.10	1.10	*1.11*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.12	1.11	*1.10*	1.10	1.10	1.10	1.10	1.11	1.12	1.09
16	1.10	1.10	1.10	1.09	1.08	1.09	1.09	*1.09*	1.09	*1.09*	*1.10*	1.10	1.10	*1.10*	1.09	1.09	*1.09*	1.08	1.08	*1.08*	1.08	1.09	1.09	1.09	1.09	1.10	1.08
17	1.08	1.07	1.07	1.07	1.07	1.07	1.08	*1.08*	1.07	1.07	*1.07*	1.08	1.08	*1.08*	1.08	1.08	*1.07*	1.07	1.06	*1.06*	1.06	1.06	1.06	1.04	1.07	1.08	1.04
18	1.05	1.05	1.05	1.05	1.05	1.05	1.06	*1.06*	1.07	1.08	*1.09*	1.10	1.10	*1.11*	1.11	1.11	*1.10*	1.10	1.09	*1.09*	1.09	1.09	1.10	1.11	1.08	1.11	1.05
19	1.11	1.11	1.11	1.10	1.10	1.10	1.10	*1.10*	1.11	1.12	*1.13*	1.14	1.14	*1.14*	1.14	1.14	*1.13*	1.13	1.13	*1.13*	1.13	1.13	1.14	1.15	1.12	1.15	1.10
20	1.15	1.14	1.14	1.13	1.12	1.12	1.12	*1.12*	1.13	1.14	*1.14*	1.14	1.15	*1.15*	1.15	1.14	*1.14*	1.14	1.14	*1.14*	1.14	1.14	1.14	1.14	1.14	1.15	1.12
21	1.14	1.14	1.13	1.12	1.11	1.10	1.10	*1.10*	1.09	1.10	*1.11*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.12	1.12	*1.11*	1.12	1.12	1.14	1.14	1.12	1.14	1.09
22	1.14	1.13	1.13	1.11	1.10	1.10	1.10	*1.10*	1.10	1.12	*1.13*	1.14	1.14	*1.14*	1.14	1.13	*1.13*	1.13	1.13	*1.13*	1.13	1.13	1.14	1.14	1.12	1.14	1.10
23	1.14	1.14	1.13	1.12	1.12	1.12	1.13	*1.13*	*1.14*	1.14	*1.15*	1.16	1.18	*1.18*	1.18	1.18	*1.18*	1.18	1.19	*1.18*	1.18	1.19	1.20	1.20	1.16	1.20	1.12
24	1.20	1.20	1.20	1.19	1.19	1.20	1.20	*1.20*	1.22	1.22	*1.22*	1.22	1.23	*1.23*	1.22	1.23	*1.23*	1.22	1.21	*1.20*	1.20	1.20	1.21	1.21	1.21	1.23	1.19
25	1.20	1.19	1.18	1.16	1.16	1.15	1.10	*1.10*	1.12	1.11	*1.13*	1.14	1.16	*1.16*	1.16	1.14	*1.14*	1.11	1.09	*1.09*	1.08	1.07	1.08	1.09	1.13	1.20	1.07
26	1.08	1.05	1.03	1.03	1.04	1.05	1.06	*1.07*	1.09	1.09	*1.08*	1.09	1.10	*1.08*	1.06	1.05	*1.04*	.99	1.01	*1.00*	.99	1.00	.99	1.01	1.04	1.10	.99
27	1.02	.98	.95	.98	.99	.98	1.00	*.99*	.99	1.04	*1.04*	1.05	1.06	*1.06*	1.06	1.05	*1.05*	1.05	1.06	*1.06*	1.06	1.06	1.07	1.08	1.03	1.08	.95
28	1.08	1.08	1.07	1.07	1.08	1.08	1.08	*1.08*	1.07	1.07	*1.08*	1.10	1.11	*1.11*	1.11	1.10	*1.10*	1.08	1.09	*1.09*	1.11	1.10	1.12	1.11	1.09	1.12	1.07
29	1.10	1.10	1.10	1.10	1.10	1.10	1.10	*1.10*	1.10	*1.10*	*1.11*	1.12	1.12	*1.12*	1.12	1.12	*1.09*	1.08	1.09	*1.09*	1.08	1.08	1.09	1.09	1.10	1.12	1.08
30	1.09	1.08	1.08	1.08	1.08	1.08	1.10	*1.10*	1.10	1.11	*1.13*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.12	1.11	*1.11*	1.11	1.11	1.12	1.12	1.11	1.12	1.08
31	1.11	1.11	1.11	1.11	1.11	1.11	1.11	*1.11*	1.12	1.13	*1.15*	1.14	1.14	*1.15*	1.15	1.15	*1.14*	1.14	1.14	*1.15*	1.13	1.12	1.13	1.14	1.13	1.15	1.11
Mean	1.12	1.12	1.11	1.10	1.10	1.10	1.10	1.10	1.11	1.12	1.12	1.13	1.13	1.14	1.13	1.13	1.12	1.12	1.12	1.11	1.11	1.11	1.12	1.12	1.12	1.14	1.09

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

July, 1894.]

Day.	0–1h a.m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11h–Noon.		Noon–1h p.m.	
1	W.	13	W.	12	*N.*	5	*NE.*	4	NE.	11	NE.	10	N.	7	N.	5	*SE.*	3	S.	5	E.	11	E.	8	W.	8
2	SW.	20	SW.	23	SW.	33	SW.	36	SW.	34	SW.	29	SW.	27	SW.	23	W.	22	W.	22	W.	23	W.	18	SW.	14
3	SW.	18	SW.	18	SW.	16	SW.	21	W.	32	W.	33	W.	33	W.	38	W.	35	W.	35	W.	30	W.	24	SW.	14
4	SW.	17	SW.	40	SW.	32	*W.*	12	W.	19	NW.	20	*NW.*	14	NW.	14	W.	17	*NW.*	12	W.	12	*NW.*	10	NW.	10
5	N.	15	N.	13	N.	13	N.	18	N.	20	N.	16	N.	15	NE.	12	N.	12	N.	7	N.	7	N.	5	N.	6
6	N.	17	N.	17	N.	17	NE.	17	N.	12	N.	11	N.	16	N.	10	N.	7	N.	4	N.	4	*W.*	7	W.	9
7	NE.	14	NE.	11	NE.	10	NE.	12	NE.	10	NE.	12	NE.	8	NE.	8	NE.	6	NE.	4	NE.	4	NE.	4	NE.	4
8	N.	16	NW.	15	NW.	23	NW.	18	NW.	17	NW.	19	N.	15	NE.	12	NE.	12	NE.	14	NE.	13	NE.	15	NE.	14
9	NE.	16	N.	13	N.	10	NW.	10	NW.	10	NE.	16	N.	16	N.	17	NE.	14	NE.	14	NE.	15	NE.	15	N.	14
10	*N.*	4	NW.	4	SW.	5	W.	8	W.	7	W.	8	W.	8	W.	7	N.	4	NE.	7	NE.	10	NE.	12	NE.	14
11	SW.	4	SW.	5	NE.	4	NE.	2	SW.	6	W.	14	W.	21	W.	21	W.	16	NW.	9	NW.	7	NW.	5	E.	9
12	N.	1	E.	3	E.	4	E.	5	NE.	9	NE.	4	E.	5	E.	4	SE.	2	E.	5	E.	6	E.	7	E.	7
13	SE.	13	S.	12	SW.	16	SW.	16	SW.	22	W.	29	W.	34	W.	34	W.	32	W.	33	W.	22	W.	8	W.	8
14	W.	37	SW.	34	W.	35	W.	44	W.	41	W.	33	NW.	22	N.	15	NE.	10	NE.	6	NW.	4	S.	5	W.	5
15	NE.	9	*N.*	9	N.	13	NE.	15	NE.	16	NE.	12	NE.	14	NE.	12	NE.	9	NE.	11	NE.	11	NE.	9	NE.	8
16	SW.	5	SW.	5	SW.	5	W.	9	W.	11	*W.*	11	*N.*	7	N.	4	NE.	3	NE.	5	NE.	6	E.	9	E.	5
17	SE.	12	SE.	15	SE.	14	S.	21	S.	19	*S.*	14	SW.	8	SW.	7	SE.	4	E.	6	E.	6	E.	6	SE.	6
18	SW.	30	SW.	28	W.	25	W.	22	W.	17	*SW.*	16	S.	12	W.	14	W.	8	SW.	7	SW.	6	SW.	5	SW.	7
19	NW.	5	NW.	7	*N.*	5	*NW.*	3	N.	2	*N.*	6	NE.	6	N.	6	N.	5	*N.*	4	N.	5	NW.	4	NE.	3
20	E.	7	E.	3	E.	4	E.	4	E.	2	E.	4	SW.	6	SW.	7	SW.	3	*SW.*	3	W.	4	*W.*	4	NW.	4
21	NE.	12	NE.	11	NE.	11	N.	12	N.	13	NE.	11	NE.	13	NE.	15	NE.	16	NE.	19	NE.	22	NE.	20	NE.	18
22	NE.	5	NE.	2	N.	3	N.	6	NW.	13	N.	15	N.	15	NE.	13	NE.	16	NE.	15	NE.	19	NE.	21	E.	21
23	NE.	5	NE.	2	NE.	7	W.	9	NW.	10	NW.	15	NW.	18	NW.	17	NE.	9	NE.	8	NE.	12	NE.	15	E.	15
24	NE.	13	E.	9	SE.	6	SE.	2	SW.	7	SW.	6	W.	2	W.	3	W.	3	E.	5	E.	4	E.	6	E.	4
25	S.	13	SW.	16	SW.	15	*S.*	21	S.	32	S.	31	W.	57	W.	63	W.	60	W.	57	W.	49	W.	27	W.	14
26	W.	42	W.	52	W.	57	W.	51	W.	49	W.	44	W.	39	W.	38	W.	43	W.	40	W.	27	W.	17	W.	15
27	SW.	31	W.	58	W.	63	W.	60	W.	39	W.	51	W.	33	W.	40	W.	46	S.	13	W.	11	W.	16	W.	14
28	E.	12	NE.	8	N.	7	W.	13	SE.	15	SE.	13	S.	13	SW.	10	SW.	14	SW.	16	SW.	17	SW.	12	SW.	12
29	W.	16	W.	18	W.	12	W.	16	W.	15	W.	15	W.	13	W.	12	W.	6	W.	4	S.	3	W.	3	W.	11
30	W.	30	W.	32	W.	24	W.	17	W.	16	NW.	15	NW.	11	NW.	9	NW.	8	N.	7	N.	5	NE.	6	E.	7
31	NE.	4	E.	5	SE.	4	SE.	5	SE.	5	SE.	3	E.	3	NE.	5	NW.	6	NE.	5	NE.	6	NE.	11	E.	11
Mean	NE. SW.	14.7	SW.	16.1	W. SW.	16.1	W.	16.4	W.	17.1	W.	17.3	W.	16.5	W.	16.0	W.	14.5	NE.	13.0	NE.	12.3	W. NE.	10.3	W. E.	10.0

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [July, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	0h	11h	Noon	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	39	40	40	39	39	38	38	*40*	42	43	*43*	44	42	*42*	40	40	*40*	41	39	*35*	33	32	38	36	39.3	44	34
2	35	34	34	34	34	34	*34*	34	*36*	*37*	39	40	*43*	44	41	*40*	40	40	39	*39*	39	38	38	39	37.5	44	33
3	38	39	38	38	37	37	37	*36*	37	38	*38*	39	39	*41*	40	40	*37*	38	34	*35*	35	35	35	34	37.3	42	36
4	34	32	34	33	32	32	32	*32*	32	33	*33*	33	34	*34*	35	36	*35*	35	36	*35*	33	33	32	32	33.3	37	31
5	31	31	31	31	31	31	30	*32*	33	35	*37*	38	38	*38*	35	33	*35*	36	35	*34*	34	34	30	30	33.5	39	31
6	30	30	30	30	30	30	31	*31*	32	33	*33*	34	35	*32*	32	33	*32*	33	32	*31*	31	30	29	29	31.4	55	29
7	29	28	29	29	28	28	29	*30*	32	34	*33*	33	33	*34*	35	33	*35*	35	35	*35*	30	32	33	31	31.7	36	28
8	33	33	33	33	33	34	34	*34*	35	36	*37*	38	39	*40*	41	40	*41*	40	39	*34*	36	35	36	36	36.2	42	30
9	37	37	37	37	37	38	38	*39*	39	*39*	*43*	43	44	*45*	45	45	*44*	44	44	*42*	41	39	39	38	40.6	46	33
10	39	38	37	37	37	37	38	*41*	42	43	*44*	44	45	*44*	44	46	*47*	45	43	*42*	43	41	40	40	41.5	47	36
11	38	41	41	41	40	39	39	*40*	42	42	*43*	46	47	*48*	47	46	*48*	47	46	*45*	44	44	43	43	43.3	48	38
12	42	42	42	42	42	42	42	*42*	45	45	*45*	45	43	*41*	42	43	*43*	44	42	*43*	36	35	35	35	41.6	46	40
13	34	34	33	33	33	34	35	*35*	35	35	*37*	39	38	*39*	38	35	*32*	34	32	*32*	31	32	32	31	34.3	39	32
14	31	31	32	32	32	32	32	*34*	35	35	*36*	36	36	*36*	32	33	*34*	33	33	*35*	34	33	34	35	33.6	37	30
15	35	35	34	35	36	35	35	*36*	37	37	*38*	38	38	*39*	39	39	*38*	38	36	*35*	35	35	35	35	36.4	40	31
16	35	35	35	35	35	35	35	*37*	38	*38*	*38*	39	39	*39*	39	40	*41*	40	40	*39*	38	37	36	35	37.4	42	32
17	35	35	35	34	34	34	*36*	38	38	*38*	38	38	39	*40*	39	39	*40*	36	37	*38*	38	37	34	35	36.8	40	32
18	36	35	33	33	33	34	32	*33*	34	36	*38*	39	39	*41*	40	39	*40*	38	36	*33*	36	35	35	34	36.1	42	31
19	34	33	33	33	32	32	32	*32*	32	32	*31*	32	32	*32*	32	32	*32*	32	31	*30*	30	30	30	30	31.7	32	30
20	30	30	30	30	30	30	30	*30*	30	30	*31*	32	34	*35*	36	36	*36*	34	33	*33*	32	32	32	32	32.0	37	26
21	32	32	33	33	33	33	33	*34*	35	36	*37*	38	39	*40*	40	39	*39*	39	36	*34*	31	33	33	33	35.2	40	30
22	34	33	33	33	33	33	33	*34*	35	36	*37*	38	38	*39*	40	40	*41*	40	39	*38*	38	37	36	34	36.3	42	29
23	34	34	35	34	34	34	35	*36*	38	*39*	*39*	40	40	*41*	42	44	*44*	44	44	*44*	43	42	41	39	39.2	45	34
24	38	38	38	38	37	37	37	*37*	40	*43*	*44*	46	46	*45*	48	46	*46*	45	44	*45*	40	42	41	41	41.8	49	36
25	41	39	39	38	36	36	36	*36*	37	37	*37*	39	43	*44*	45	46	*45*	36	37	*37*	36	35	37	37	38.7	48	34
26	36	36	36	36	36	36	36	*36*	36	38	*40*	42	46	*48*	48	48	*46*	42	39	*41*	41	40	40	40	40.1	49	35
27	40	39	38	37	37	36	36	*36*	37	40	*40*	42	44	*45*	46	48	*47*	44	45	*45*	42	40	37	36	40.7	49	36
28	36	33	35	35	34	33	31	*33*	34	33	*36*	37	40	*42*	43	44	*39*	38	37	*36*	34	33	33	33	36.0	44	30
29	33	34	34	32	33	34	34	*35*	36	38	*38*	39	40	*41*	43	43	*34*	36	37	*37*	37	36	36	36	36.5	45	32
30	35	34	34	34	34	35	34	*34*	35	*37*	*38*	39	39	*39*	39	43	*37*	38	37	*38*	38	37	37	37	36.8	42	33
31	36	36	36	36	36	36	35	*34*	35	38	*39*	39	37	*38*	40	41	*38*	36	35	*34*	33	32	32	32	36.0	41	32
Mean	35.2	34.9	34.9	34.7	34.5	34.5	34.4	35.1	36.2	37.2	38.0	39.0	39.5	40.2	40.3	40.4	39.5	38.7	37.8	37.3	36.2	35.7	35.5	35.1	36.9	42.2	32.4

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[July, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	W.	5	SW.	12	S.	15	S.	13	SW.	10	*SE.*	7	S.	8	S.	9	*SW.*	15	SW.	17	SW.	14	24	W.
2	SW.	8	S.	12	SW.	11	SW.	17	SW.	17	S.	11	S.	15	S.	21	S.	24	S.	27	SW.	19	38	SW.
3	S.	15	SW.	19	S.	18	SW.	18	SW.	15	SW.	29	SW.	20	*W.*	13	SW.	17	SW.	22	SW.	29	57	SW.
4	NW.	12	NW.	17	NW.	12	W.	23	NW.	19	NW.	17	NW.	14	NW.	15	NW.	12	NW.	17	N.	17	56	SW.
5	N.	7	SE.	8	NW.	14	NW.	10	W.	17	*SW.*	11	SW.	13	W.	9	NE.	5	N.	13	N.	21	29	W.
6	W.	21	N.	8	N.	12	NW.	11	N.	12	N.	8	N.	12	NE.	13	NE.	17	NE.	18	NE.	13	26	W.
7	NW.	8	NE.	5	*NW.*	9	NE.	6	N.	8	*NW.*	6	N.	14	N.	22	NW.	17	NE.	8	NW.	20	35	NW.
8	E.	8	E.	10	NE.	11	NE.	10	NE.	11	E.	14	NE.	17	NE.	15	NE.	12	NE.	12	N.	19	25	E.
9	*E.*	10	E.	13	NE.	15	NE.	14	E.	18	E.	23	E.	24	*E.*	18	E.	10	E.	8	S.	7	26	E.
10	NE.	8	E.	14	E.	11	E.	12	E.	9	E.	8	SE.	10	SE.	7	SE.	4	S.	3	SW.	3	16	NE.
11	E.	9	E.	7	E.	9	E.	9	E.	9	E.	9	E.	11	SE.	8	SE.	7	SE.	2	NW.	3	26	W.
12	S.	4	S.	5	E.	6	E.	4	E.	3	E.	3	E.	3	*E.*	5	E.	8	E.	11	E.	11	12	E.
13	SW.	8	E.	8	E.	8	SW.	13	SW.	15	SW.	39	SW.	18	SW.	20	W.	44	W.	49	W.	57	66	W.
14	NE.	7	E.	14	NE.	12	NE.	8	NE.	4	NE.	9	NE.	12	NE.	9	NW.	14	N.	13	*N.*	12	46	W.
15	NE.	8	NE.	9	NE.	11	NE.	5	NE.	5	*E.*	5	W.	5	NW.	5	NE.	3	E.	5	*NE.*	5	20	NE.
16	E.	5	E.	8	E.	8	E.	8	E.	8	E.	8	*E.*	8	S.	13	SE.	9	E.	14	E.	14	18	E.
17	*S.*	7	S.	9	*S.*	12	SE.	13	S.	10	SW.	20	SW.	16	SW.	18	S.	21	*S.*	21	*S.*	33	42	SW.
18	*S.*	10	S.	14	S.	14	S.	16	S.	12	S.	6	S.	11	*S.*	11	SW.	5	*N.*	8	NW.	10	47	S.
19	*NE.*	7	E.	8	*E.*	4	E.	6	E.	4	E.	9	NE.	8	NE.	12	NE.	19	*NE.*	8	E.	12	26	NE.
20	NW.	5	NW.	4	N.	6	N.	7	*N.*	9	NE.	6	NE.	7	NE.	11	NE.	7	NE.	8	NE.	11	16	NE.
21	NE.	20	NE.	18	NE.	16	NE.	15	NE.	11	NE.	8	W.	12	SW.	10	NE.	7	*E.*	5	*W.*	3	25	NE.
22	NE.	21	NE.	19	NE.	19	E.	18	E.	15	E.	17	E.	12	NE.	8	NE.	7	NE.	8	NE.	9	27	E.
23	E.	18	E.	16	E.	16	E.	14	E.	13	E.	12	E.	12	E.	12	E.	10	NE.	13	NE.	16	24	E.
24	E.	7	E.	10	E.	11	S.	12	S.	16	S.	11	S.	7	S.	8	SW.	22	S.	16	S.	12	30	SW.
25	W.	13	W.	10	W.	10	S.	7	W.	30	W.	37	W.	46	W.	40	W.	36	W.	40	W.	38	67	W.
26	SW.	17	S.	14	S.	15	S.	16	SW.	36	SW.	29	SW.	30	W.	44	W.	48	W.	58	SW.	39	68	W.
27	W.	16	S.	14	SW.	13	W.	13	W.	13	NW.	9	N.	5	N.	10	NE.	10	E.	14	NE.	8	72	W.
28	SW.	10	SW.	10	W.	12	SW.	14	W.	15	S.	22	*S.*	17	W.	17	W.	14	W.	10	SW.	16	37	SW.
29	SW.	11	SW.	10	S.	7	W.	17	W.	21	*W.*	13	N.	9	NW.	10	W.	15	W.	20	NW.	20	40	W.
30	E.	7	NW.	5	N.	4	NE.	6	S.	14	SE.	12	E.	7	E.	8	E.	9	NE.	6	NE.	3	38	W.
31	E.	9	E.	9	E.	11	NE.	11	E.	16	*E.*	16	NE.	13	NE.	13	NE.	19	N.	15	N.	9	28	NE.
Mean	E.	10.4	E.	11.0	E.	11.4	NE.	11.8	E.	13.4	E.	14.0	E.	13.4	NE.	14.0	NE.	15.1	NE.	15.8	NE. SW.	16.2	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings are printed in *italics*.

August, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.14	1.14	1.12	1.11	1.11	1.10	1.10	*1.10*	1.11	1.12	*1.13*	1.12	1.12	*1.12*	1.11	1.11	*1.10*	1.10	1.09	*1.08*	1.08	1.09	1.09	1.10	1.11	1.14	1.08
2	1.10	1.09	1.08	1.06	1.05	1.05	1.05	*1.05*	1.05	1.05	*1.06*	1.06	1.06	*1.06*	1.05	1.05	*1.04*	1.04	1.05	*1.05*	1.05	1.06	1.07	1.06	1.06	1.10	1.04
3	1.06	1.05	1.02	1.01	1.00	1.00	1.00	*1.01*	1.02	1.04	*1.05*	1.05	1.05	*1.06*	1.07	1.07	*1.07*	1.07	1.06	*1.06*	1.06	1.06	1.07	1.07	1.04	1.07	1.00
4	1.07	1.07	1.07	1.07	1.06	1.06	1.06	*1.07*	1.07	1.07	*1.08*	1.09	1.11	*1.12*	1.12	1.12	*1.12*	1.11	1.10	*1.09*	1.08	1.09	1.09	1.09	1.09	1.12	1.06
5	1.07	1.06	1.06	1.05	1.05	1.05	1.05	*1.06*	1.07	1.09	*1.10*	1.10	1.10	*1.10*	1.10	1.09	*1.08*	1.08	1.07	*1.06*	1.06	1.06	1.07	1.08	1.07	1.10	1.05
6	1.08	1.07	1.06	1.05	1.05	1.05	1.04	*1.04*	1.04	1.04	*1.07*	1.07	1.08	*1.08*	1.08	1.07	*1.06*	1.05	1.04	*1.04*	1.04	1.04	1.04	1.04	1.06	1.08	1.04
7	1.03	1.03	1.02	1.02	1.01	1.02	1.02	*1.03*	1.04	1.06	*1.07*	1.07	1.08	*1.08*	1.08	1.08	*1.08*	1.08	1.09	*1.09*	1.09	1.10	1.10	1.10	1.06	1.10	1.01
8	1.10	1.09	1.08	1.08	1.08	1.08	1.08	*1.08*	1.09	1.10	*1.11*	1.11	1.11	*1.11*	1.12	1.12	*1.11*	1.11	1.10	*1.09*	1.09	1.09	1.09	1.09	1.09	1.12	1.08
9	1.09	1.10	1.10	1.10	1.10	1.10	1.10	*1.10*	1.11	1.12	*1.13*	1.13	1.13	*1.13*	1.13	1.13	*1.13*	1.13	1.14	*1.14*	1.14	1.14	1.14	1.14	1.12	1.14	1.09
10	1.14	1.13	1.12	1.11	1.11	1.11	1.11	*1.11*	1.11	1.13	*1.14*	1.15	1.15	*1.15*	1.15	1.15	*1.14*	1.14	1.15	*1.15*	1.15	1.15	1.15	1.15	1.12	1.15	1.11
11	1.15	1.15	1.16	1.16	1.16	1.16	1.16	*1.16*	1.16	1.17	*1.18*	1.18	1.18	*1.17*	1.17	1.16	*1.15*	1.15	1.15	*1.14*	1.14	1.14	1.14	1.14	1.16	1.12	1.11
12	1.14	1.14	1.14	1.13	1.12	1.12	1.11	*1.12*	1.12	1.13	*1.14*	1.15	1.14	*1.14*	1.14	1.14	*1.13*	1.13	1.13	*1.12*	1.12	1.12	1.12	1.12	1.13	1.15	1.11
13	1.12	1.12	1.12	1.11	1.10	1.10	1.10	*1.09*	1.10	*1.10*	*1.11*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.14	1.13	*1.13*	1.13	1.14	1.14	1.14	1.12	1.14	1.09
14	1.14	1.14	1.15	1.15	1.15	1.15	1.15	*1.16*	1.17	1.17	*1.18*	1.19	1.18	*1.18*	1.18	1.16	*1.16*	1.15	1.16	*1.16*	1.18	1.18	1.17	1.17	1.16	1.19	1.14
15	1.18	1.17	1.17	1.16	1.16	1.15	1.15	*1.16*	1.16	1.18	*1.18*	1.18	1.18	*1.18*	1.19	1.19	*1.19*	1.18	1.17	*1.16*	1.16	1.16	1.17	1.17	1.17	1.19	1.15
16	1.17	1.17	1.16	1.15	1.15	1.13	1.13	*1.13*	1.13	1.14	*1.14*	1.14	1.14	*1.13*	1.13	1.10	*1.11*	1.12	1.12	*1.11*	1.09	1.10	1.10	1.10	1.13	1.17	1.09
17	1.11	1.11	1.11	1.12	1.11	1.12	1.12	*1.13*	1.14	1.14	*1.15*	1.15	1.16	*1.17*	1.16	1.15	*1.15*	1.15	1.14	*1.14*	1.14	1.14	1.16	1.15	1.14	1.17	1.11
18	1.14	1.14	1.13	1.12	1.12	1.11	1.11	*1.11*	1.12	1.12	*1.14*	1.16	1.15	*1.15*	1.15	1.14	*1.13*	1.13	1.12	*1.12*	1.12	1.13	1.14	1.12	1.13	1.16	1.11
19	1.13	1.13	1.13	1.12	1.12	1.12	1.12	*1.13*	1.12	1.12	*1.12*	1.14	1.15	*1.15*	1.15	1.14	*1.13*	1.13	1.14	*1.14*	1.16	1.16	1.17	1.17	1.14	1.17	1.12
20	1.17	1.17	1.17	1.17	1.17	1.17	1.17	*1.17*	1.16	*1.16*	*1.20*	1.19	1.18	*1.18*	1.18	1.18	*1.18*	1.18	1.18	*1.18*	1.18	1.18	1.18	1.18	1.18	1.20	1.16
21	1.18	1.17	1.16	1.16	1.16	1.16	1.16	*1.16*	1.16	1.16	*1.17*	1.17	1.17	*1.17*	1.17	1.16	*1.15*	1.15	1.15	*1.14*	1.14	1.14	1.14	1.14	1.16	1.18	1.14
22	1.14	1.14	1.13	1.12	1.11	1.10	1.10	*1.11*	1.11	1.12	*1.12*	1.12	1.13	*1.13*	1.12	1.11	*1.09*	1.09	1.09	*1.09*	1.09	1.09	1.10	1.10	1.11	1.14	1.09
23	1.10	1.10	1.10	1.10	1.09	1.08	1.09	*1.09*	1.10	1.10	*1.11*	1.12	1.13	*1.13*	1.14	1.13	*1.12*	1.13	1.12	*1.12*	1.12	1.13	1.14	1.14	1.11	1.14	1.08
24	1.14	1.14	1.14	1.13	1.13	1.13	1.13	*1.14*	1.14	1.14	*1.15*	1.16	1.16	*1.17*	1.17	1.17	*1.17*	1.17	1.16	*1.15*	1.15	1.16	1.16	1.16	1.15	1.17	1.13
25	1.15	1.15	1.15	1.14	1.14	1.14	1.14	*1.14*	1.15	1.16	*1.16*	1.18	1.18	*1.17*	1.17	1.17	*1.16*	1.16	1.16	*1.16*	1.16	1.17	1.17	1.16	1.16	1.18	1.14
26	1.16	1.15	1.14	1.14	1.13	1.12	1.12	*1.12*	1.12	1.13	*1.14*	1.14	1.14	*1.14*	1.14	1.15	*1.15*	1.14	1.14	*1.13*	1.13	1.13	1.14	1.15	1.14	1.16	1.12
27	1.15	1.14	1.13	1.12	1.12	1.12	1.11	*1.11*	1.10	1.11	*1.11*	1.12	1.12	*1.12*	1.12	1.12	*1.12*	1.11	1.11	*1.10*	1.10	1.10	1.10	1.10	1.12	1.15	1.10
28	1.10	1.10	1.10	1.10	1.10	1.09	1.09	*1.09*	1.10	1.10	*1.10*	1.11	1.12	*1.12*	1.12	1.12	*1.11*	1.11	1.11	*1.10*	1.10	1.10	1.10	1.10	1.10	1.12	1.09
29	1.10	1.10	1.09	1.09	1.08	1.08	1.08	*1.08*	1.08	1.09	*1.09*	1.10	1.10	*1.10*	1.16	1.10	*1.10*	1.10	1.09	*1.08*	1.08	1.08	1.08	1.08	1.09	1.10	1.08
30	1.08	1.08	1.08	1.07	1.06	1.06	1.05	*1.05*	1.06	1.07	*1.08*	1.09	1.08	*1.07*	1.06	1.05	*1.04*	1.04	1.04	*1.04*	1.03	1.04	1.05	1.05	1.06	1.09	1.03
31	1.05	1.04	1.03	1.02	1.02	1.01	1.00	*1.00*	.99	1.00	*1.00*	1.00	1.01	*1.01*	1.01	1.00	*.98*	.97	.96	*.96*	.96	.96	.97	.97	1.00	1.05	.96
Mean	1.12	1.12	1.11	1.10	1.10	1.10	1.10	1.10	1.10	1.11	1.12	1.12	1.13	1.13	1.13	1.12	1.12	1.11	1.11	1.11	1.10	1.11	1.12	1.11	1.11	1.14	1.09

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

August, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	NE.	6	E.	14	NE.	25	NE.	25	NE.	27	E.	22	E.	19	NE.	15	E.	11	E.	10	E.	11	E.	7	E.	10
2	E.	5	E.	10	SE.	4	*S.*	4	SW.	5	0	0	SW.	3	SW.	4	SW.	8	SW.	10	W.	10	NW.	6	*W.*	6
3	N.	12	N.	10	N.	11	NW.	15	N.	18	NE.	16	NE.	19	NE.	20	NE.	13	NE.	12	NE.	10	NE.	11	NE.	10
4	*W.*	21	NW.	19	NW.	22	*N.*	22	NW.	22	N.	20	*N.*	18	NE.	15	NE.	15	NE.	13	NE.	11	NE.	9	NE.	10
5	SW.	34	SW.	32	SW.	31	SW.	34	SW.	39	W.	31	W.	29	W.	25	*W.*	24	W.	21	SW.	6	SE.	6	*E.*	5
6	S.	14	S.	16	S.	19	SW.	20	SW.	17	W.	14	SW.	22	W.	28	*W.*	27	*SW.*	14	S.	10	S.	12	SW.	13
7	S.	18	S.	16	SW.	20	W.	18	SW.	15	W.	25	W.	22	NW.	10	NW.	10	NW.	3	NW.	3	*SE.*	4	N.	3
8	S.	12	S.	16	S.	13	S.	17	S.	10	SE.	8	W.	13	W.	12	W.	6	SW.	8	E.	7	*E.*	9	*W.*	12
9	S.	32	S.	33	*W.*	25	W.	26	*W.*	12	NW.	8	NW.	6	NW.	2	*NW.*	3	NE.	6	NE.	7	NE.	6	E.	10
10	S.	8	S.	10	SW.	15	W.	20	SW.	25	W.	21	W.	18	W.	8	NE.	8	E.	13	E.	12	NE.	11	NE.	8
11	N.	3	N.	2	NE.	5	*E.*	9	E.	6	E.	9	E.	11	E.	13	E.	14	E.	12	E.	10	E.	9	E.	12
12	SW.	23	W.	12	W.	7	W.	6	W.	10	W.	12	W.	14	W.	14	W.	13	NE.	8	NE.	7	NE.	7	NE.	9
13	W.	13	W.	15	W.	15	W.	8	NE.	4	N.	8	N.	10	N.	17	NE.	12	NE.	12	NE.	12	NE.	13	NE.	12
14	E.	19	E.	16	E.	17	E.	13	E.	16	E.	13	E.	10	E.	8	E.	10	E.	10	E.	6	E.	6	E.	4
15	NE.	8	NE.	6	S.	4	S.	7	S.	13	S.	12	S.	12	SW.	6	SW.	3	*SW.*	4	E.	5	E.	3	NE.	5
16	E.	2	E.	5	E.	4	N.	6	E.	8	E.	11	E.	9	E.	8	*E.*	6	NE.	4	NE.	6	E.	5	S.	5
17	NE.	7	NE.	10	E.	10	E.	8	E.	11	E.	14	E.	14	E.	15	E.	13	E.	13	E.	12	E.	9	E.	10
18	S.	31	S.	34	S.	39	S.	40	S.	40	S.	39	S.	37	S.	39	S.	32	S.	28	SW.	31	*S.*	18	S.	15
19	W.	29	W.	22	*W.*	10	NW.	10	NW.	9	NW.	6	NW.	3	SW.	5	S.	4	S.	2	S.	5	E.	5	S.	4
20	E.	16	E.	17	NE.	10	W.	6	W.	6	W.	9	NW.	5	N.	4	NW.	6	*W.*	2	SW.	7	SW.	7	SW.	10
21	S.	18	SW.	16	SW.	16	SW.	9	SE.	7	SE.	7	SE.	5	S.	8	S.	5	S.	3	SE.	4	S.	3	S.	4
22	SW.	14	SW.	14	W.	20	W.	19	W.	13	N.	10	N.	11	N.	15	NE.	15	NE.	18	NE.	16	NE.	10	NE.	9
23	NE.	37	NE.	41	NE.	40	NE.	43	NE.	46	NE.	48	NE.	44	NE.	44	NE.	41	NE.	42	NE.	45	E.	43	*E.*	40
24	NE.	25	NE.	22	NE.	15	NE.	9	NE.	8	NE.	9	NE.	11	NE.	11	NE.	11	NE.	15	E.	22	E.	21	E.	13
25	NE.	6	NE.	7	NE.	9	NE.	14	NE.	16	NE.	11	NE.	12	NE.	12	NE.	10	NE.	10	NE.	11	NE.	10	NE.	12
26	N.	8	*NE.*	8	NE.	9	NE.	5	NE.	9	NE.	7	NE.	6	NE.	8	NE.	7	NE.	7	NE.	8	NE.	8	*NE.*	5
27	NE.	13	NE.	14	NE.	15	NE.	11	*NE.*	6	NE.	4	N.	6	*N.*	9	N.	8	N.	7	NE.	4	NE.	6	N.	6
28	*N.*	8	NW.	13	W.	14	W.	10	W.	10	NW.	12	N.	8	NE.	13	NE.	10	NE.	7	NE.	6	NE.	10	NE.	10
29	NW.	7	NW.	7	W.	10	W.	5	NW.	3	N.	5	*NE.*	3	N.	3	N.	3	NE.	6	NE.	8	E.	8	E.	11
30	SE.	7	SE.	6	NE.	2	E.	6	E.	9	E.	9	E.	7	E.	6	E.	10	E.	10	E.	12	E.	11	E.	14
31	*S.*	7	SW.	7	SW.	8	SW.	13	SW.	14	SW.	9	SW.	10	SW.	11	SW.	13	SW.	13	SW.	11	*SW.*	8	*S.*	8
Mean	S. NE.	14.9	NE.	15.2	NE.	15.0	W.	14.8	NE.	14.6	W. NE.	13.8	NE.	13.5	NE.	13.2	NE.	12.9	NE.	11.1	NE.	10.9	NE.	9.7	NE.	9.8

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [August, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	31	31	31	31	30	30	30	*30*	30	31	*31*	31	32	*32*	31	31	*31*	31	32	*32*	32	32	31	31	31.0	32	28
2	31	31	31	31	31	30	30	*30*	30	31	*31*	31	32	*34*	34	31	*31*	31	32	*32*	32	31	31	31	31.2	36	29
3	30	30	30	29	29	29	28	*28*	29	30	*31*	32	33	*34*	35	34	*34*	36	37	*36*	34	34	33	32	32.0	38	24
4	33	35	35	35	35	35	36	*37*	37	39	*40*	41	41	*42*	43	42	*42*	42	40	*40*	39	38	37	37	38.4	44	31
5	37	36	35	35	35	35	35	*35*	36	38	*41*	41	42	*44*	44	45	*45*	46	42	*40*	38	38	38	38	39.1	46	34
6	37	36	36	35	35	35	35	*35*	*35*	*38*	*40*	41	43	*44*	44	45	*45*	44	45	*41*	39	39	39	38	39.3	46	34
7	38	37	37	36	36	35	36	*38*	39	41	*43*	42	43	*46*	47	43	*42*	42	41	*40*	39	39	39	38	39.9	47	34
8	38	38	38	38	37	37	34	*37*	38	41	*38*	38	34	*40*	42	43	*43*	41	42	*40*	38	39	37	34	38.5	44	33
9	33	32	33	35	35	35	35	*36*	36	38	*39*	39	39	*39*	38	39	*39*	38	34	*37*	37	36	35	36	36.4	41	30
10	35	34	34	33	34	34	34	*36*	36	37	*38*	38	37	*37*	39	40	*41*	40	40	*39*	38	37	37	37	36.9	41	32
11	37	37	37	37	37	36	37	*38*	39	40	*41*	41	40	*39*	39	40	*41*	41	40	*38*	37	35	35	35	38.2	42	36
12	35	38	39	39	38	36	36	*37*	39	42	*43*	44	46	*46*	45	45	*44*	45	43	*42*	42	41	40	39	41.0	46	34
13	38	39	39	39	40	40	40	*40*	41	*42*	*42*	42	42	*42*	41	42	*42*	42	41	*39*	39	39	39	38	40.2	43	36
14	37	37	37	35	35	36	36	*36*	36	38	*37*	36	36	*39*	38	37	*34*	34	33	*32*	31	32	33	35	35.4	39	32
15	36	34	33	33	32	32	32	*34*	38	40	*38*	38	39	*39*	39	40	*39*	39	38	*37*	34	35	35	34	36.2	40	31
16	34	34	33	33	34	34	35	*36*	36	37	*37*	38	39	*39*	36	33	*36*	37	38	*39*	37	37	37	35	36.0	42	33
17	36	36	36	36	35	34	34	*35*	37	39	*41*	41	39	*38*	39	38	*39*	40	39	*39*	37	37	36	33	37.2	42	34
18	33	33	32	31	31	31	31	*32*	33	34	*36*	39	40	*40*	42	41	*43*	41	41	*40*	37	37	38	36	36.3	45	30
19	36	37	36	36	36	36	36	*36*	38	38	*38*	39	41	*41*	41	41	*38*	38	38	*37*	36	36	35	35	37.5	42	35
20	35	34	34	34	34	34	34	*34*	35	*36*	*36*	36	37	*36*	36	36	*36*	36	36	*36*	36	36	35	34	35.2	38	32
21	33	33	33	33	38	38	38	*39*	39	39	*41*	41	40	*40*	39	38	*37*	36	37	*38*	37	36	36	36	37.3	42	31
22	35	36	36	35	36	36	36	*36*	36	35	*35*	35	36	*36*	37	36	*36*	36	36	*33*	33	33	33	33	35.2	38	33
23	34	33	31	30	30	30	30	*30*	31	33	*34*	35	35	*34*	31	34	*35*	34	34	*34*	32	33	33	32	32.6	36	29
24	32	31	30	30	30	30	29	*29*	30	29	*32*	33	34	*34*	35	37	*36*	36	36	*35*	33	33	32	32	32.4	37	28
25	31	32	32	31	31	30	30	*29*	30	32	*33*	35	36	*36*	36	37	*36*	36	36	*34*	33	33	32	31	33.0	37	28
26	31	31	31	30	30	29	28	*28*	28	29	*31*	32	33	*34*	35	35	*35*	36	35	*34*	33	32	32	34	31.9	36	26
27	33	33	33	32	32	33	32	*32*	34	36	*36*	37	38	*40*	40	38	*38*	37	37	*37*	35	34	34	34	35.2	41	30
28	35	34	34	34	34	35	35	*35*	36	38	*39*	39	40	*42*	43	43	*42*	42	41	*40*	39	38	37	36	38.0	45	33
29	36	36	36	36	36	36	36	*36*	38	39	*40*	41	41	*43*	43	43	*43*	42	42	*41*	39	38	37	36	38.8	44	34
30	36	36	36	36	35	35	34	*34*	34	36	*37*	38	38	*36*	37	37	*37*	37	37	*34*	34	33	32	32	35.5	40	32
31	31	30	30	30	29	29	29	*28*	28	30	*32*	34	37	*36*	37	37	*38*	37	35	*33*	32	33	33	33	32.5	39	28
Mean	34.4	34.3	34.1	33.8	33.9	33.7	33.6	34.1	34.9	36.3	37.1	37.7	38.2	38.7	38.9	38.7	38.6	38.5	38.0	37.0	35.9	35.6	35.2	34.7	36.1	40.9	31.4

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[August, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	E.	12	E.	20	E.	16	E.	9	E.	4	E.	11	E.	9	*E.*	8	NW.	4	E.	6	E.	4	32	NE.
2	W.	7	W.	8	NE.	12	NE.	11	NE.	11	NE.	13	E.	7	*N.*	15	*N.*	19	NE.	11	NE.	7	26	N.
3	NE.	13	NE.	10	NE.	12	NE.	11	NE.	5	NW.	8	NW.	7	N.	11	NE.	9	NE.	7	W.	12	22	NE.
4	NE.	10	E.	7	E.	8	E.	7	E.	7	E.	11	SE.	9	SE.	13	SE.	15	*SE.*	15	SW.	27	33	SW.
5	S.	6	E.	6	*S.*	8	S.	13	S.	13	S.	12	S.	13	SW.	11	SW.	14	SW.	14	S.	8	47	W.
6	SW.	14	SW.	17	SW.	16	SW.	13	SW.	12	SW.	15	*SW.*	15	*S.*	16	SW.	26	S.	29	S.	25	34	SW.
7	W.	8	SW.	9	*SW.*	8	E.	9	E.	11	E.	11	SE.	8	SE.	13	SE.	13	SE.	9	SE.	10	30	W.
8	NW.	9	E.	8	E.	7	E.	7	E.	12	E.	12	SE.	10	S.	9	S.	7	*S.*	17	SW.	31	38	SW.
9	E.	10	E.	12	NE.	7	NE.	3	NE	3	NW.	8	N.	5	*W.*	3	NE.	7	NE.	3	E.	4	41	S.
10	NE.	10	NE.	10	NE.	8	NE.	10	NE.	9	NE.	6	NE.	7	NE.	10	NE.	5	NE.	4	N.	2	27	SW.
11	E.	12	E.	14	E.	13	E.	12	E.	7	*E.*	9	S.	15	SE.	15	S.	15	S.	23	SW.	24	28	SW.
12	NE.	7	NE.	7	NE.	7	E.	9	E.	8	E.	10	E.	8	E.	5	NW.	4	S.	2	W.	8	25	SW.
13	NE.	15	E.	14	E.	18	NE.	16	NE.	15	NE.	11	NE.	10	NE.	13	NE.	11	E.	12	E.	18	23	E.
14	E.	5	E.	9	E.	6	E.	12	E.	18	NE.	18	N.	8	*S.*	10	E.	5	N.	5	NE.	6	24	NE.
15	NE.	8	NE.	11	NE.	13	NE.	13	NE.	7	NE.	5	*E.*	4	E.	7	NW.	6	NW.	5	NE.	5	18	NE.
16	S.	5	N.	3	NE.	7	NE.	16	NE.	15	NE.	11	NE.	10	NE.	14	NE.	12	NE.	13	NE.	8	18	NE.
17	E.	7	E.	12	E.	10	E.	12	SE.	7	SE.	7	S.	11	S.	16	S.	24	S.	25	SE.	27	36	SE.
18	S.	13	SW.	14	SW.	17	SW.	16	SW.	17	SW.	18	SW.	23	SW.	19	S.	15	*S.*	10	W.	21	43	S.
19	S.	6	S.	7	N.	3	NE.	7	*E.*	5	NE.	8	E.	12	E.	9	E.	11	E.	15	NE.	17	34	W.
20	S.	9	S.	7	SW.	11	S.	5	E.	7	E.	10	SE.	6	SE.	10	E.	15	E.	16	S.	15	22	NE.
21	*NE.*	3	NE.	6	*NW.*	5	NE.	5	NE.	6	NE.	6	*E.*	12	SE.	11	S.	6	S.	5	W.	7	22	S.
22	NE.	11	NE.	11	NE.	13	NE.	17	NE.	22	*E.*	17	NE.	17	NE.	21	NE.	21	NE.	22	NE.	20	29	NE.
23	E.	33	E.	27	E.	32	NE.	37	NE.	22	*E.*	19	NE.	15	NE.	17	NE.	30	NE.	32	NE.	27	50	NE.
24	E.	10	E.	9	E.	5	NE.	5	NE.	4	E.	4	NE.	7	NE.	5	NE.	8	NE.	7	*N.*	8	30	NE.
25	E.	13	*E.*	14	NE.	16	NE.	18	NE.	19	NE.	15	NE.	12	NE.	14	NE.	11	NE.	7	NE.	6	24	NE.
26	E.	5	SE.	4	*S.*	3	N.	4	N.	6	N.	9	NE.	8	NE.	10	NE.	12	NE.	9	NE.	12	14	NE.
27	NE.	7	SW.	5	E.	5	E.	5	E.	4	SW.	6	*W.*	4	NE.	6	NE.	5	NW.	6	NW.	8	15	NE.
28	NE.	10	NE.	9	NE.	7	NE.	8	NE.	11	E.	13	E.	11	NE.	12	E.	8	E.	5	*E.*	3	17	E.
29	*E.*	11	*E.*	12	E.	14	E.	14	E.	12	E.	11	E.	7	E.	5	E.	7	SE.	12	SE.	11	20	NE.
30	E.	12	E.	11	E.	10	E.	7	E.	9	E.	12	E.	15	SE.	16	SE.	15	S.	17	S.	12	20	E.
31	S.	6	SW.	9	SW.	10	S.	8	S.	7	*E.*	10	S.	17	SW.	14	W.	10	W.	12	W.	14	19	S.
Mean	E. NE.	9.9	E.	10.4	E.	10.5	NE.	10.9	NE.	10.2	E.	10.8	NE.	10.4	NE.	11.5	NE.	11.9	NE.	12.1	NE.	13.1	.....	.....

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

NOTE.—All eye readings are printed in *italics*.

September, 1894.] [Seventy-fifth

Day.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	.97	.96	.96	.95	.95	.95	.95	*.95*	.95	.96	*.98*	.99	.99	*.99*	1.00	.99	*.98*	.98	.98	*.97*	.97	.97	.97	.98	.97	1.00	.95
2	.98	.97	.96	.95	.94	.94	.93	*.93*	.94	.95	*.96*	.95	.95	*.95*	.95	.95	*.96*	.95	.95	*.95*	.95	.95	.95	.95	.95	.98	.93
3	.95	.95	.95	.95	.95	.95	.95	*.95*	.95	*.96*	*.99*	1.00	.99	*1.00*	1.01	1.02	*1.00*	1.00	1.01	*1.01*	1.01	1.01	1.02	1.02	.98	1.02	.95
4	1.02	1.02	1.02	1.02	1.02	1.02	1.02	*1.02*	1.02	1.02	*1.04*	1.04	1.04	*1.04*	1.04	1.04	*1.03*	1.03	1.04	*1.03*	1.03	1.04	1.04	1.03	1.03	1.04	1.02
5	1.04	1.03	1.02	1.02	1.00	1.00	1.00	*1.00*	.99	.99	*1.00*	1.00	1.00	*1.00*	1.00	.99	*.97*	.96	.97	*.97*	.95	.95	.95	.94	.99	1.04	.94
6	.93	.93	.91	.89	.89	.88	.86	*.87*	.86	.86	*.88*	.89	.88	*.89*	.89	.89	*.88*	.87	.88	*.87*	.87	.88	.88	.86	.88	.93	.86
7	.86	.86	.84	.84	.84	.83	.83	*.83*	.82	.81	*.85*	.85	.85	*.85*	.85	.85	*.85*	.86	.87	*.88*	.89	.90	.90	.90	.86	.90	.81
8	.87	.86	.86	.84	.83	.83	.81	*.81*	.81	.85	*.87*	.88	.91	*.91*	.89	.89	*.87*	.88	.89	*.91*	.91	.94	.93	.93	.87	.94	.81
9	.93	.92	.92	.92	.91	.90	.89	*.89*	.89	.89	*.90*	.91	.91	*.92*	.93	.92	*.92*	.92	.91	*.94*	.94	.95	.97	.95	.92	.97	.89
10	.96	.97	.97	.97	.97	.98	1.00	*1.00*	1.01	*1.02*	*1.05*	1.06	1.07	*1.07*	1.08	1.08	*1.08*	1.08	1.07	*1.06*	1.05	1.05	1.05	1.06	1.03	1.08	.96
11	1.06	1.05	1.04	1.03	1.02	1.02	1.00	*1.00*	.99	.99	*.98*	.98	.97	*.96*	.95	.94	*.93*	.92	.91	*.90*	.90	.90	.90	.91	.97	1.06	.90
12	.91	.91	.90	.89	.88	.87	.86	*.82*	.81	.80	*.81*	.81	.81	*.83*	.83	.83	*.82*	.81	.81	*.81*	.80	.80	.79	.78	.83	.91	.78
13	.77	.76	.76	.73	.73	.72	.72	*.71*	.70	.74	*.75*	.77	.79	*.80*	.81	.81	*.81*	.81	.81	*.83*	.84	.85	.86	.86	.78	.86	.70
14	.84	.84	.84	.85	.85	.84	.83	*.84*	.84	.85	*.87*	.87	.87	*.88*	.89	.91	*.93*	.95	.96	*.97*	.97	.99	.98	.97	.89	.99	.83
15	.95	.94	.93	.93	.91	.91	.91	*.91*	.92	.92	*.92*	.92	.94	*.96*	.98	.98	*.98*	.97	.97	*.97*	.98	.98	.98	.97	.95	.98	.91
16	.97	.97	.97	.97	.95	.93	.92	*.92*	.93	.95	*.97*	.98	.98	*.99*	1.00	1.00	*.99*	.99	1.00	*1.01*	1.01	1.02	1.03	1.03	.98	1.03	.92
17	1.03	1.03	1.02	1.01	1.01	1.01	1.01	*1.02*	1.03	*1.04*	*1.07*	1.07	1.08	*1.08*	1.08	1.07	*1.06*	1.05	1.05	*1.05*	1.05	1.05	1.05	1.06	1.04	1.08	1.01
18	1.06	1.04	1.04	1.04	1.04	1.04	1.02	*1.02*	1.02	1.02	*1.02*	1.01	1.00	*1.01*	1.00	1.00	*1.00*	.99	1.00	*.99*	.98	.99	.99	1.00	1.01	1.06	.98
19	.99	.99	.98	.98	.98	.97	.97	*.97*	.96	.98	*.98*	.99	.99	*.99*	.99	.98	*.97*	.97	.97	*.96*	.96	.96	.95	.95	.97	.99	.95
20	.95	.94	.94	.93	.92	.91	.89	*.88*	.87	.88	*.91*	.90	.90	*.92*	.92	.91	*.93*	.94	.94	*.94*	.94	.95	.95	.95	.92	.95	.87
21	.96	.96	.95	.94	.92	.90	.91	*.90*	.89	.89	*.91*	.92	.91	*.92*	.92	.94	*.94*	.95	.94	*.91*	.91	.91	.91	.91	.92	.96	.89
22	.89	.88	.85	.85	.82	.86	.83	*.83*	.87	.87	*.92*	.92	.94	*.97*	.98	.98	*1.00*	1.00	1.02	*1.02*	1.01	1.01	1.01	.93	1.02	.82
23	1.00	.98	.98	.98	.98	.97	.97	*.98*	.98	.99	*1.04*	1.05	1.03	*1.02*	1.00	1.01	*1.02*	1.01	1.01	*1.03*	1.03	1.05	1.06	1.07	1.01	1.07	.97
24	1.07	1.08	1.07	1.05	1.05	1.05	1.05	*1.06*	1.05	*1.07*	*1.08*	1.08	1.07	*1.07*	1.06	1.07	*1.07*	1.07	1.08	*1.08*	1.08	1.09	1.09	1.09	1.07	1.09	1.05
25	1.07	1.08	1.06	.99	.99	.99	.99	*.99*	1.02	1.03	*1.02*	1.02	1.03	*1.05*	1.02	1.01	*.98*	.98	.98	*.95*	.95	.95	.95	.95	1.00	1.08	.95
26	.95	.95	.96	.96	.97	.97	.97	*.97*	.98	.99	*1.00*	1.01	1.02	*1.02*	1.02	1.02	*1.01*	1.00	.99	*.98*	.97	.97	.97	.94	.98	1.02	.94
27	.91	.90	.88	.86	.84	.81	.81	*.82*	.84	.84	*.87*	.86	.85	*.84*	.84	.84	*.82*	.80	.78	*.76*	.74	.71	.68	.65	.82	.91	.65
28	.65	.64	.63	.61	.60	.62	.61	*.60*	.59	.59	*.61*	.62	.62	*.62*	.61	.60	*.59*	.59	.61	*.61*	.61	.60	.57	.57	.61	.65	.57
29	.56	.55	.54	.53	.53	.53	.53	*.53*	.61	.66	*.72*	.73	.77	*.78*	.80	.82	*.82*	.82	.83	*.84*	.84	.85	.85	.84	.70	.85	.53
30	.83	.83	.83	.81	.78	.78	.79	*.78*	.78	.79	*.80*	.80	.81	*.84*	.83	.83	*.82*	.78	.76	*.73*	.71	.68	.66	.64	.78	.84	.64
Mean	.93	.93	.92	.91	.90	.90	.89	.89	.90	.91	.93	.93	.93	.94	.94	.94	.93	.93	.93	.93	.93	.93	.93	.93	.92	.98	.87

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

September, 1894.]

Day.	0–1h a.m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p.m.	
1	W.	19	W.	18	W.	13	NW.	13	NW.	15	NW.	22	NW.	20	NW.	16	N.	5	NE.	6	NE.	8	NE.	8	NE.	10
2	S.	14	S.	14	SW.	17	SW.	21	SW.	20	SW.	20	SW.	17	W.	17	W.	16	W.	11	W.	6	W.	3	W.	7
3	W.	16	W.	18	W.	14	NW.	12	NW.	13	*N.*	10	NW.	12	NW.	15	N.	10	N.	7	NE.	6	N.	5	NE.	6
4	S.	21	S.	24	SW.	17	SW.	16	SW.	14	*W.*	9	S.	8	S.	10	S.	15	S.	16	*S.*	11	SW.	4	S.	9
5	E.	7	SE.	5	*E.*	2	E.	4	NW.	6	*W.*	5	NE.	6	NE.	6	NE.	6	NE.	5	NE.	7	NE.	8	NE.	8
6	SW.	16	SW.	17	W.	23	W.	22	W.	22	W.	25	W.	23	W.	30	W.	27	W.	27	W.	26	W.	14	W.	11
7	W.	29	W.	27	W.	34	W.	29	W.	29	W.	32	W.	39	W.	29	SW.	30	W.	36	S.	17	S.	14	S.	15
8	SE.	10	S.	12	S.	14	S.	16	E.	15	SW.	20	S.	14	SW.	18	SW.	22	SW.	16	S.	14	S.	10	S.	9
9	W.	18	W.	14	W.	15	W.	8	W.	5	N.	4	NE.	3	*NE.*	6	E.	9	E.	12	E.	14	E.	13	N.	16
10	NE.	17	NE.	12	NE.	11	N.	9	N.	7	N.	5	N.	9	N.	10	*N.*	16	NE.	16	NE.	12	NE.	9	NE.	14
11	NE.	10	NE.	8	NE.	11	NE.	13	NE.	16	NE.	16	NE.	18	NE.	18	NW.	18	W.	14	W.	12	SW.	8	S.	5
12	NW.	13	NW.	10	NW.	10	NW.	8	NW.	20	NW	15	NW.	17	NW.	27	SW.	38	SW.	51	SW.	51	SW.	48	SW.	46
13	SW.	48	SW.	57	SW.	52	SW	53	SW.	62	SW.	64	SW.	70	SW.	72	SW.	80	SW.	73	SW.	61	SW.	51	*S.*	35
14	S.	31	SW.	34	S.	21	SW.	25	*S.*	25	SW.	23	S.	22	S.	26	S.	21	S.	21	SW.	30	SW.	31	SW.	27
15	SW.	43	SW.	51	W.	52	W.	49	W.	51	W.	48	W.	46	W.	50	W.	43	W.	43	W.	49	W.	48	W.	46
16	N.	16	N.	8	N.	11	*N.*	10	NW.	16	NW.	27	NW.	40	NW.	44	NW.	41	NW.	29	*W.*	27	*W.*	20	*W.*	18
17	SE.	25	S.	29	S.	31	S.	32	SW.	33	SW.	31	W.	32	*W.*	27	NW.	24	NW.	15	NW.	7	*NW.*	5	*SE.*	6
18	W.	33	W.	34	W.	27	W.	27	W.	27	W.	21	W.	13	W.	12	*W.*	12	NW.	9	NW.	27	NW.	28	NW.	27
19	NW.	9	*N.*	4	NW.	7	NW.	9	NW.	10	NW.	12	N.	11	N.	14	N.	10	NW.	9	NW.	5	NW.	8	W.	9
20	W.	14	SW.	15	SW.	17	SW.	17	SW.	16	W.	21	W.	21	W.	36	W.	47	W.	51	W.	39	W.	38	W.	32
21	NW.	20	NW.	17	W.	18	W.	24	W.	33	W.	35	W.	37	W.	41	W.	45	*W.*	40	NW.	41	W.	34	W.	36
22	W.	40	W.	48	W.	55	NW.	60	NW.	73	N.	56	NW.	64	NW.	65	NW.	56	NW.	54	N.	42	N.	30	N.	21
23	SW.	30	SW.	38	SW.	35	SW.	30	W.	36	W.	39	*W.*	37	SW.	39	W.	39	*W.*	37	SW.	32	SW.	16	SW.	13
24	NW.	18	NW.	15	NW.	17	W.	25	W.	21	W.	29	W.	29	W.	25	W.	21	W.	15	NW.	15	W.	19	W.	24
25	W.	23	W.	22	SW.	21	W.	43	W.	63	W.	54	W.	50	W.	48	W.	44	W.	25	W.	20	W.	39	W.	49
26	W.	51	W.	48	SW.	42	W.	45	W.	32	W.	25	W.	18	W.	15	W.	12	SW.	11	SW.	10	SE.	9	S.	8
27	SW.	26	SW.	33	W.	40	W.	50	W.	53	W.	57	W.	56	W.	48	*W.*	24	SW.	17	S.	13	*S.*	12	S.	16
28	SW.	58	SW.	60	SW.	71	SW.	66	SW.	60	SW.	44	S.	35	S.	32	S.	30	S.	26	S.	23	S.	17	SW.	14
29	W.	18	W.	18	W.	21	W.	21	W.	20	W.	20	NW.	19	NW.	16	NW.	15	W.	13	N.	6	W.	8	W.	10
30	SW.	47	SW.	48	SW.	45	SW.	50	SW.	59	SW.	55	SW.	57	SW.	64	SW.	65	SW.	62	SW.	59	SW.	55	SW.	42
Mean	W.	24.7	SW. W.	25.3	W.	25.5	W.	26.9	W.	29.1	W.	28.1	W.	28.3	W.	29.2	W.	28.0	W.	25.6	SW. W.	23.0	W.	20.4	W.	19.6

PIKES PEAK, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [September, 1894.

Day.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	32	31	33	33	32	32	32	*32*	32	33	*34*	35	35	*36*	38	38	*39*	38	35	*35*	35	34	33	32	34.1	39	30
2	33	32	32	32	32	32	32	*32*	33	34	*35*	34	37	*40*	41	40	*42*	42	40	*37*	36	35	34	33	35.4	43	30
3	33	33	33	32	32	32	31	*32*	33	35	*35*	36	37	*38*	39	39	*42*	39	42	*38*	36	36	35	33	35.5	44	29
4	32	32	32	32	33	33	32	*32*	33	32	*32*	33	33	*32*	31	29	*31*	32	32	*31*	31	31	32	32	31.9	36	28
5	32	31	31	31	30	31	31	*32*	33	34	*34*	35	36	*36*	38	38	*36*	35	36	*34*	33	33	33	32	33.5	39	29
6	31	30	30	29	30	28	28	*28*	28	29	*29*	31	32	*35*	37	38	*38*	38	38	*37*	35	33	32	31	32.3	40	26
7	30	29	28	29	27	27	26	*26*	27	31	*31*	32	33	*34*	34	35	*34*	32	32	*30*	29	29	29	28	30.1	36	26
8	26	26	26	26	25	25	23	*23*	23	23	*24*	24	24	*24*	25	25	*25*	25	24	*23*	23	20	20	19	23.8	26	23
9	19	20	21	22	22	22	22	*23*	23	22	*23*	23	24	*24*	23	22	*23*	24	25	*25*	25	25	25	24	22.9	25	18
10	23	23	23	23	23	22	22	*21*	21	*20*	*19*	19	18	*20*	20	23	*19*	19	19	*18*	21	23	*24	*24	21.1	25	18
11	*25	*25	*24	*24	*24	*24	*23	*23*	23	22	*22*	24	25	*28*	29	29	*31*	31	31	*30*	29	29	28	28	26.2	31	18
12	28	27	26	25	25	25	25	*24*	24	26	*27*	28	30	*31*	33	33	*33*	33	32	*32*	32	31	30	29	28.7	34	24
13	28	28	28	27	25	22	22	*22*	23	24	*27*	29	31	*32*	33	34	*34*	34	33	*30*	29	28	27	26	28.2	35	22
14	23	23	22	21	18	16	15	*14*	15	15	*17*	18	20	*21*	22	21	*21*	21	22	*20*	19	18	17	16	19.0	22	14
15	17	16	16	17	18	18	21	*20*	19	22	*23*	23	24	*26*	28	30	*32*	32	32	*31*	29	28	27	26	24.0	32	15
16	25	24	23	23	22	22	22	*22*	23	23	*25*	27	29	*31*	33	33	*33*	31	28	*28*	26	25	23	23	26.0	35	21
17	22	20	18	19	19	19	21	*23*	23	*25*	*28*	30	31	*32*	32	33	*32*	33	31	*31*	29	29	29	29	26.6	34	18
18	29	28	28	28	28	27	26	*27*	27	28	*28*	29	30	*31*	31	35	*34*	34	33	*31*	30	30	30	29	29.6	36	26
19	27	27	26	27	27	27	26	*26*	27	26	*29*	29	32	*35*	36	36	*36*	33	31	*32*	31	30	29	28	29.7	37	25
20	28	29	28	28	27	27	28	*27*	27	28	*28*	29	30	*33*	34	35	*35*	35	34	*33*	32	31	30	30	30.2	35	26
21	29	29	28	28	28	26	27	*27*	27	28	*28*	30	32	*34*	34	34	*37*	35	34	*32*	32	31	31	30	30.5	37	25
22	30	30	29	29	29	30	30	*29*	33	32	*33*	33	34	*36*	37	39	*40*	40	39	*36*	37	35	31	28	33.3	40	28
23	29	26	28	29	30	30	29	*29*	29	30	*32*	34	34	*35*	35	36	*36*	35	34	*33*	32	31	30	31	31.5	37	26
24	31	30	29	30	29	28	28	*27*	29	*29*	*30*	31	32	*34*	35	36	*38*	38	37	*35*	34	33	33	33	32.0	40	27
25	32	32	32	31	31	30	30	*30*	31	31	*32*	32	34	*37*	39	41	*41*	40	39	*36*	35	34	32	32	33.9	42	29
26	31	31	30	30	31	30	30	*30*	31	31	*33*	36	38	*38*	39	40	*42*	40	39	*36*	34	34	34	32	34.2	42	30
27	33	31	30	29	29	30	29	*29*	29	31	*33*	35	35	*36*	37	38	*38*	37	36	*35*	33	32	30	29	32.7	40	29
28	29	29	29	29	28	27	27	*28*	27	27	*26*	26	26	*26*	25	26	*25*	22	22	*22*	21	19	17	15	24.9	28	22
29	14	13	12	12	12	11	11	*11*	9	9	*9*	9	12	*16*	18	22	*24*	24	23	*21*	21	21	22	17	15.5	25	9
30	18	20	20	20	19	19	20	*21*	20	21	*23*	24	26	*28*	30	32	*32*	32	30	*30*	28	27	28	27	24.8	33	16
Mean	27.3	26.8	26.5	26.5	26.2	25.7	25.6	25.7	26.1	26.7	27.6	28.6	29.8	31.3	32.2	33.0	33.4	32.8	32.1	30.7	29.9	29.2	28.5	27.5	28.7	34.9	23.6

* Estimated; clock stopped.

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[September, 1894.

Day.	1–2h	2–3h	3–4h	4–5h	5–6h	6–7h	7–8h	8–9h	9–10h	10–11h	11–Mid.	Max.	Direction.
1	NE. 7	NE. 9	E. 14	E. 12	E. 14	E. 11	E. 11	SE. 12	E. 11	SE. 9	*SE.* 11	25	W.
2	SW. 4	SW. 5	W. 6	SW. 6	NW. 5	NW. 7	N. 8	NW. 16	NW. 15	NW. 18	NW. 14	23	SW.
3	NE. 8	E. 7	SE. 6	S. 7	SE. 7	S. 9	SE. 8	*S.* 11	SW. 14	SW. 14	S. 10	22	W.
4	NW. 8	E. 12	SE. 17	*NE.* 7	NE. 5	NE. 5	SW. 6	*W.* 4	E. 4	SW. 6	*SE.* 7	26	S.
5	NE. 7	NE. 7	N. 6	E. 5	E. 7	E. 5	E. 5	SW. 12	SW. 16	SW. 14	SW. 14	18	SW.
6	W. 10	W. 15	SW. 11	SW. 14	SW. 12	S. 13	W. 14	SW. 15	SW. 12	SW. 19	W. 30	36	W.
7	S. 17	S. 14	S. 10	S. 13	S. 12	SE. 13	SE. 12	SE. 15	E. 22	E. 15	SE. 10	45	W.
8	S. 10	SW. 8	SW. 8	SW. 7	S. 12	SW. 20	SW. 30	W. 28	SW. 27	SW. 24	W. 24	36	W.
9	NE. 14	NE. 10	NE. 12	NE. 13	NE. 17	NE. 21	NE. 19	NE. 17	E. 18	E. 15	E. 16	25	NE.
10	*NE.* 14	NE. 11	NE. 8	N. 7	N. 9	NE. 10	NE. 16	N. 19	NE. 16	NE. 14	NE. 11	23	NE.
11	W. 9	W. 10	W. 11	W. 11	W. 12	W. 16	W. 12	NW. 12	NW. 11	NW. 15	NW. 13	22	W.
12	SW. 35	SW. 30	SW. 30	SW. 34	SW. 31	*S.* 34	SW. 30	SW. 36	SW. 46	SW. 50	SW. 48	58	SW.
13	*S.* 39	S. 35	S. 36	S. 37	*S.* 39	S. 37	S. 34	S. 28	S. 26	S. 30	SW. 31	86	SW.
14	*S.* 24	SW. 32	W. 31	W. 23	W. 17	NW. 15	W. 23	SW. 15	SW. 12	SW. 19	SW. 31	51	W.
15	W. 25	W. 15	W. 21	W. 21	W. 17	W. 16	W. 14	N. 11	N. 13	N. 17	N. 21	57	W.
16	SW. 15	SW. 13	SW. 14	SW. 16	S. 16	S. 17	S. 13	S. 17	S. 17	SE. 19	SE. 22	48	NW.
17	SW. 8	*W.* 11	SW. 11	*W.* 16	W. 14	SW. 14	SW. 21	SW. 21	SW. 21	SW. 23	SW. 28	37	SW.
18	NW. 17	NW. 12	*W.* 12	W. 11	NW. 6	*N.* 7	NW. 11	NW. 15	N. 11	N. 7	N. 8	39	W.
19	*W.* 5	E. 6	E. 6	W. 5	NW. 6	E. 6	SW. 9	S. 9	S. 5	*S.* 11	W. 13	16	W.
20	W. 26	W. 16	W. 22	W. 15	N. 16	N. 13	N. 15	N. 17	N. 14	N. 11	*N.* 16	54	W.
21	W. 35	W. 35	W. 32	W. 23	W. 19	W. 95	W. 41	W. 39	W. 41	W. 42	W. 42	48	W.
22	N. 14	N. 12	W. 15	W. 14	N. 11	N. 13	NE. 8	*E.* 11	S. 20	S. 28	S. 34	82	NW.
23	SW. 17	SW. 21	SW. 19	SW. 22	*W.* 21	W. 22	SW. 25	SW. 32	SW. 34	W. 31	W. 24	43	W.
24	W. 24	W. 17	W. 18	W. 16	W. 16	W. 16	W. 12	W. 15	W. 20	W. 23	W. 25	32	W.
25	S. 20	SW. 23	SW. 20	SW. 23	SW. 26	W. 22	W. 26	W. 48	W. 52	W. 55	W. 55	66	W.
26	W. 8	W. 11	W. 13	S. 17	S. 21	*S.* 21	S. 20	S. 20	S. 21	SW. 21	S. 22	52	W.
27	S. 14	*S.* 18	S. 13	S. 19	S. 19	S. 19	SW. 16	W. 23	S. 32	S. 49	S. 61	61	SW.
28	SW. 17	SW. 17	SW. 14	SW. 17	W. 18	W. 19	W. 20	W. 20	*W.* 24	SW. 38	W. 26	84	SW.
29	W. 10	SW. 15	SW. 8	W. 11	SW. 16	SW. 17	SW. 21	SW. 26	SW. 30	SW. 37	SW. 46	48	SW.
30	SW. 36	SW. 34	SW. 33	S. 32	S. 32	S. 33	S. 37	S. 39	S. 43	SW. 38	SW. 33	68	SW.
Mean	SW. W. } 16.6	SW. 16.0	SW. W. } 15.9	W. 15.8	W. 15.9	S. 16.3	SW. W. } 17.8	SW. 20.2	SW. 21.5	SW. 23.7	SW. W. } 25.1	.....	.....

Blank page retained for pagination

Blank page retained for pagination

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

January, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.07	1.06	1.05	1.04	1.03	1.02	1.01	*.98*	.98	.98	*.96*	.94	.93	*.91*	.87	.84	.83	.82	.82	*.82*	.81	.81	.81	.79	.92	1.07	.79
2	.79	.80	.80	.78	.77	.76	.76	*.76*	.76	.76	.75	.77	.77	*.74*	.71	.68	.67	.65	.64	*.64*	.64	.63	.62	.62	.72	.80	.62
3	.61	.59	.58	.57	.57	.55	.55	*.55*	.55	.55	*.55*	.54	.53	*.51*	.48	.48	.47	.47	*.48*	*.49*	.49	.50	.51	.51	.53	.61	.47
4	.52	.51	.50	.51	.52	.54	.56	*.59*	.62	.63	.64	.63	.62	*.60*	.58	.57	.57	.57	.59	*.62*	.62	.63	.63	.63	.58	.64	.50
5	.62	.62	.61	.60	.60	.59	.58	*.58*	.57	.57	.58	.62	.63	*.64*	.64	.65	.69	.71	.75	*.80*	.82	.84	.85	.86	.67	.86	.57
6	.87	.86	.86	.86	.86	.86	.85	*.86*	.86	.85	.85	.85	.84	*.82*	.80	.80	.81	.82	.84	*.87*	.88	.89	.90	.90	.85	.90	.80
7	.90	.90	.89	.88	.88	.88	.88	*.88*	.89	.90	.92	.93	.92	*.90*	.90	.90	.91	.91	.93	*.93*	.94	.94	.93	.92	.91	.94	.88
8	.91	.91	.90	.89	.89	.88	.88	*.88*	.89	.89	.90	.90	.88	*.84*	.82	.80	.81	.84	.86	*.89*	.92	.96	.98	1.02	.89	1.02	.80
9	1.05	1.06	1.08	1.09	1.09	1.10	1.10	*1.10*	1.10	1.10	1.10	1.09	1.08	*1.04*	1.02	1.00	.98	.97	.97	*.97*	.97	.97	.96	.95	1.04	1.10	.95
10	.93	.91	.89	.87	.86	.84	.83	*.82*	.82	.82	.82	.83	.81	*.79*	.78	.76	.78	.81	.84	*.86*	.88	.89	.91	.95	.84	.95	.76
11	1.01	1.05	1.09	1.12	1.15	1.17	1.18	*1.20*	1.21	1.21	1.22	1.24	1.23	*1.20*	1.17	1.14	1.13	1.11	1.10	*1.10*	1.10	1.10	1.08	1.07	1.14	1.24	1.01
12	1.08	1.09	1.10	1.10	1.11	1.11	1.12	*1.14*	1.15	1.15	1.16	1.17	1.15	*1.11*	1.08	1.06	1.04	1.04	1.04	*1.04*	1.04	1.04	1.03	1.03	1.09	1.17	1.03
13	1.03	1.01	1.00	.99	.99	.98	.98	*.98*	.98	.98	.97	.97	.96	*.92*	.90	.89	.89	.89	.89	*.89*	.89	.89	.89	.89	.94	1.03	.89
14	.89	.89	.88	.88	.88	.88	.87	*.89*	.89	.90	.90	.90	.90	*.88*	.87	.86	.86	.86	.87	*.89*	.91	.91	.91	.92	.89	.92	.86
15	.94	.94	.95	.95	.94	.92	.91	*.89*	.89	.90	.90	.90	.90	*.87*	.85	.85	.85	.85	.86	*.87*	.87	.87	.88	.87	.89	.95	.85
16	.85	.85	.85	.85	.83	.82	.80	*.77*	.75	.75	.75	.70	.65	*.64*	.64	.64	.64	.67	.70	*.70*	.71	.71	.72	.70	.74	.85	.64
17	.70	.70	.70	.73	.75	.75	.80	*.84*	.84	.86	.90	.92	.92	*.93*	.91	.92	.95	.97	1.00	*1.04*	1.06	1.08	1.10	1.13	.90	1.13	.70
18	1.14	1.14	1.15	1.15	1.17	1.17	1.17	*1.18*	1.18	1.18	1.18	1.19	1.18	*1.14*	1.12	1.09	1.07	1.05	1.07	*1.07*	1.05	1.05	1.04	1.02	1.12	1.19	1.02
19	1.01	.99	.97	.95	.95	.93	.90	*.88*	.87	.86	.85	.83	.80	*.73*	.70	.67	.67	.68	.70	*.72*	.75	.77	.78	.78	.82	1.01	.67
20	.79	.79	.76	.77	.78	.77	.75	*.76*	.75	.74	.72	.72	.76	*.67*	.65	.64	.64	.65	.63	*.67*	.70	.73	.77	.76	.72	.79	.63
21	.70	.72	.72	.74	.81	.81	.83	*.85*	.85	.85	.87	.88	.90	*.87*	.85	.85	.86	.88	.90	*.92*	.93	.94	.95	.97	.85	.97	.70
22	.99	1.00	1.00	1.01	1.01	1.01	1.01	*1.01*	.99	.99	.98	.97	.95	*.91*	.93	.85	.84	.84	.84	*.84*	.85	.84	.84	.83	.93	1.01	.83
23	.83	.83	.83	.84	.85	.85	.90	*.91*	.93	.95	1.00	1.06	1.07	*1.09*	1.09	1.09	1.09	1.10	1.12	*1.16*	1.18	1.19	1.20	1.20	1.02	1.20	.83
24	1.17	1.17	1.15	1.14	1.13	1.11	1.10	*1.08*	1.07	1.07	1.05	1.04	1.01	*.97*	.93	.92	.92	.94	.95	*.95*	.98	1.00	1.00	1.00	1.04	1.17	.92
25	1.00	1.00	1.00	1.00	1.01	1.02	1.01	*1.02*	1.02	1.03	1.05	1.06	1.06	*1.02*	1.00	.99	1.00	1.02	1.03	*1.06*	1.06	1.06	1.06	1.05	1.03	1.06	.99
26	1.05	1.03	1.01	.98	.97	.95	.93	*.92*	.92	.92	.90	.90	.90	*.86*	.85	.85	.85	.85	.87	*.90*	.92	.94	.97	1.00	.93	1.05	.85
27	1.00	1.03	1.03	1.04	1.04	1.04	1.04	*1.04*	1.05	1.06	1.05	1.02	1.01	*.96*	.92	.88	.85	.85	.85	*.83*	.83	.81	.79	.78	.95	1.05	.78
28	.76	.73	.76	.78	.82	.83	.92	*.93*	.97	.99	1.00	1.00	1.00	*.98*	.96	.96	.96	1.00	1.02	*1.02*	1.03	1.04	1.06	1.06	.94	1.06	.73
29	1.06	1.04	1.03	1.02	1.00	1.00	1.00	*1.00*	1.00	*1.00*	.98	.97	.96	*.92*	.89	.86	.84	.83	.83	*.83*	.83	.83	.82	.81	.93	1.06	.81
30	.80	.80	.80	.80	.80	.80	.80	*.81*	.82	.84	.87	.89	.86	*.82*	.79	.80	.77	.76	.77	*.81*	.81	.81	.83	.83	.81	.89	.76
31	.83	.83	.83	.84	.84	.84	.85	*.87*	.88	.90	.90	.90	.92	*.90*	.89	.90	.91	.94	.97	*1.03*	1.07	1.09	1.11	1.11	.92	1.11	.83
Mean	.90	.90	.90	.90	.90	.90	.90	.90	.90	.91	.91	.91	.91	.88	.86	.84	.84	.85	.86	.88	.89	.90	.90	.90	.89	.99	.79

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

January, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	N.	7	N.	6	NW.	4	N.	4	*W.*	4	*E.*	3	N.	5	NW.	6	*SW.*	5	W.	4	*N.*	5	*NW.*	4	S.	9
2	NW.	37	NW.	25	NW.	15	NW.	28	W.	32	W.	29	W.	25	W.	27	W.	27	NW.	30	*NW.*	32	W.	30	W.	20
3	*S.*	8	SW.	12	SW.	19	S.	15	S.	12	SW.	13	SW	15	N.	20	N.	18	N.	10	N.	10	*W.*	17	S.	20
4	*NE.*	4	N.	4	N.	4	*NE.*	3	N.	4	*W.*	4	NW.	5	N.	8	N.	7	*W.*	8	*N.*	4	*E.*	4	SE.	10
5	S.	2	E.	2	N.	3	*E.*	2	S.	3	SE.	4	SE.	2	S.	2	S.	3	N.	7	*N.*	8	NE.	25	NE.	34
6	N.	5	N.	5	NE.	6	NE.	6	E.	5	NE.	5	N.	4	N.	4	N.	4	*SW.*	5	*W.*	4	NE.	6	*SW.*	8
7	*E.*	3	NE.	3	N.	5	*W.*	3	NW.	3	*S.*	4	NW.	6	N.	7	N.	7	*NE.*	5	N.	4	S.	4	SE.	7
8	*NE.*	5	SE.	5	N.	5	N.	5	N.	7	N.	4	NW.	2	NE.	2	*S.*	4	*W.*	5	SE.	4	*SW.*	3	S.	8
9	N.	17	N.	20	N.	13	N.	9	N.	8	N.	8	N.	7	N.	7	N.	8	N.	7	N.	5	*E.*	1	E.	4
10	N.	12	N.	8	N.	10	N.	11	N.	13	N.	11	N.	10	N.	8	N.	8	NE.	5	S.	4	*E.*	2	SE.	7
11	E.	10	E.	6	NE.	8	NE.	10	NE.	15	NE.	13	E.	7	W.	6	W.	10	SE.	9	SE.	9	SE.	10	SE.	11
12	SW.	4	N.	5	*S.*	4	NW.	6	N.	8	N.	8	N.	10	N.	10	N.	9	N.	11	N.	9	N.	2	*N.*	8
13	N.	11	N	12	N.	12	N.	11	N.	11	N.	10	N.	11	N.	11	N.	11	N.	10	N.	8	N.	6	N.	2
14	N.	11	N.	11	N.	9	N.	10	N.	10	N.	13	N.	13	N.	10	N.	10	N.	9	N.	10	NE.	9	NW.	14
15	NW.	3	NW.	3	N.	6	N.	6	N.	10	N.	9	N.	11	N.	8	*S.*	3	N.	4	N.	3	N.	12	*SW.*	12
16	S.	9	N.	6	N.	6	N.	5	N.	6	N.	6	N.	7	N.	7	N.	12	E.	8	NE.	14	*S.*	21	W.	42
17	S.	13	*S.*	10	SW.	12	*W.*	11	*SW.*	9	*NW.*	7	N.	13	N.	20	N.	17	NE.	17	N.	16	N.	9	NE.	8
18	S.	7	*N.*	5	*E.*	6	*NW.*	4	*NE.*	5	N.	6	N.	7	N.	6	N.	7	N.	10	N.	11	N.	7	SE.	4
19	N.	5	N.	6	N.	5	N.	6	N.	2	NW.	6	N.	7	NW.	7	N.	7	N.	8	N.	6	N.	6	N.	2
20	N.	25	N.	18	*N.*	24	NW.	36	NW.	33	NW.	32	NW.	38	NW.	38	NW.	48	NW.	48	NW.	53	NW.	62	NW.	59
21	NW.	30	NW.	48	NW.	55	NW.	50	*S.*	21	*S.*	12	*NE.*	25	NE.	20	*NW.*	6	SW.	8	S.	8	S.	11	S.	9
22	S.	9	SE.	6	SE.	3	E.	2	N.	3	*NE.*	1	E.	2	SE.	1	N.	2	N.	5	N.	6	N.	4	*NE.*	3
23	NE.	3	*NW.*	3	N.	3	*W.*	3	N.	7	*SW.*	7	N.	32	N.	25	N.	24	N.	28	N.	34	N.	30	N.	28
24	*NE.*	3	N.	4	N.	3	N.	5	N.	5	N.	6	N.	6	N.	7	N.	6	N.	6	N.	7	N.	7	NE.	5
25	SE.	8	E.	5	NW.	5	N.	7	N.	5	N.	6	S.	4	S.	4	S.	4	NE.	3	*SE.*	3	NW.	13	NW.	16
26	W.	10	S.	6	E.	4	N.	6	N.	5	N.	8	N.	8	W.	7	*NW.*	7	S.	5	*W.*	4	SE.	3	SW.	7
27	*N.*	9	*NE.*	6	N.	6	N.	6	N.	8	N.	7	N.	7	N.	4	N.	11	N.	10	N.	6	N.	2	SE.	5
28	SE.	9	NW.	31	NW.	44	N.	32	NE.	19	N.	17	N.	15	N.	20	N.	14	NW.	14	*N.*	15	N.	14	SE.	18
29	SE.	6	NW.	5	NW.	7	*N.*	5	NE.	5	N.	7	N.	7	N.	9	N.	8	NW.	10	*NW.*	7	N.	3	SE.	7
30	*NE.*	5	N.	5	*SW.*	3	W.	4	N.	5	*NW.*	3	N.	4	N.	4	N.	5	*SW.*	4	E.	8	S.	7	*SE.*	11
31	E.	4	E.	6	SE.	3	NE.	3	N.	4	N.	6	N.	3	NE.	4	N.	6	*S.*	5	S.	3	NW.	1	S.	4
Mean	N.	9.5	N.	9.6	N.	10.1	N.	10.1	N.	9.3	N.	8.9	N.	10.3	N.	10.3	N.	10.3	N.	10.3	N.	10.3	N.	10.8	SE.	13.0

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [January, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	23	24	24	29	32	32	33	*39*	35	38	*41*	47	49	*51*	53	55	57	56	54	*49*	48	50	50	51	42.5	56	19
2	50	49	49	50	49	48	47	*47*	47	46	47	47	48	*48*	48	48	49	49	46	*42*	37	30	34	35	45.4	49	42
3	35	36	39	37	37	34	25	*24*	25	25	34	36	37	*37*	38	35	35	35	33	*32*	30	29	27	22	32.4	39	24
4	23	18	17	15	17	12	13	*14*	10	14	21	28	24	*24*	26	26	25	24	22	*21*	19	17	17	17	19.3	26	7
5	16	15	14	13	14	14	14	*14*	13	10	15	12	9	*10*	11	8	7	5	4	*4*	3	4	2	2	9.7	20	4
6	— 3	— 4	— 4	— 6	— 8	— 9	— 7	— *4*	— 6	— 3	4	14	18	*21*	23	25	25	25	22	*20*	18	17	14	12	8.5	26	— 10
7	9	8	6	5	5	5	5	*4*	10	13	23	28	32	*34*	34	34	34	34	30	*28*	27	23	21	28	20.0	34	1
8	25	22	22	15	15	18	16	*15*	17	*18*	26	29	34	*34*	34	35	33	33	31	*29*	26	26	24	19	24.8	37	13
9	15	13	13	13	10	10	9	*6*	2	3	11	16	19	*24*	26	28	29	30	27	*19*	16	16	13	13	15.9	30	1
10	15	15	16	17	22	24	29	*34*	33	34	39	45	50	*53*	52	52	52	49	47	*47*	47	47	46	43	37.8	54	12
11	37	36	34	31	24	23	21	*21*	19	19	19	20	21	*25*	25	28	30	35	31	*24*	21	20	18	25	25.3	37	19
12	29	24	27	35	31	31	25	*24*	21	21	29	41	47	*49*	49	49	49	48	42	*38*	28	24	23	23	33.6	50	16
13	19	19	20	20	21	24	25	*28*	25	29	35	46	52	*54*	54	55	55	53	47	*39*	34	30	29	26	35.0	57	19
14	30	28	25	29	27	33	33	*32*	32	37	48	52	56	*56*	56	59	58	58	55	*54*	52	45	41	38	43.1	60	23
15	38	32	30	29	29	26	30	*33*	32	*41*	51	54	59	*61*	63	64	63	63	59	*53*	47	48	46	56	46.1	65	27
16	49	46	44	43	43	43	41	*46*	48	58	59	60	61	*60*	58	59	57	53	50	*50*	48	46	44	44	50.3	63	38
17	44	42	38	36	37	38	32	*29*	26	27	30	34	36	*36*	38	38	36	32	33	*29*	28	27	26	26	33.2	40	26
18	24	22	18	16	16	13	10	*9*	5	8	16	25	27	*29*	31	36	36	35	25	*23*	20	18	15	15	20.5	37	4
19	12	14	9	16	19	18	17	*18*	10	11	18	24	32	*33*	37	37	38	31	30	*29*	27	24	22	20	22.5	40	9
20	19	18	25	24	24	26	28	*30*	32	35	36	38	39	*40*	45	46	46	45	45	*43*	41	40	39	40	35.2	49	16
21	41	41	41	42	38	39	39	*36*	34	35	39	41	41	*44*	45	48	45	44	41	*40*	35	31	29	28	39.0	49	34
22	27	23	19	15	13	15	15	*15*	15	*15*	16	25	31	*33*	31	30	30	29	28	*26*	23	19	16	18	21.9	34	14
23	13	14	14	16	28	27	15	*12*	18	7	5	0	— 2	— 2	— 1	1	7	7	4	*6*	5	2	0	— 1	8.1	12	3
24	— 4	— 7	— 9	— 8	— 10	— 9	— 9	— *8*	— 6	— 4	2	7	13	*20*	26	28	28	28	26	*25*	24	25	27	27	9.6	29	— 9
25	21	19	19	14	14	13	14	*17*	15	17	23	31	33	*33*	34	33	33	32	32	*31*	27	28	27	27	24.5	35	12
26	23	22	14	14	15	13	16	*21*	18	20	25	30	38	*41*	41	41	40	40	38	*36*	34	32	28	26	27.8	42	10
27	23	20	18	18	15	13	12	*9*	8	13	19	26	30	*33*	35	37	38	39	39	*36*	33	31	31	39	25.4	41	7
28	37	42	40	42	38	37	35	*32*	31	32	34	34	34	*35*	37	39	40	37	36	*35*	31	30	26	23	34.8	40	30
29	22	19	16	16	17	16	15	*17*	16	*23*	27	30	41	*48*	51	54	56	55	52	*47*	44	42	40	36	33.3	56	13
30	36	34	37	39	40	36	37	*32*	35	35	41	45	47	*47*	46	45	45	44	40	*34*	32	28	23	21	37.5	48	29
31	20	17	15	12	11	11	11	*10*	8	5	10	32	43	*44*	45	46	40	37	33	*27*	22	19	18	17	23.3	46	6
Mean	24.8	23.3	22.3	22.0	22.0	21.7	20.8	21.0	20.3	21.9	27.5	32.2	35.5	37.3	38.4	39.3	39.2	38.2	35.5	32.7	29.9	28.0	26.3	26.3	28.6	42.0	14.6

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[January, 1894.

Day.	1–2h	2–3h	3–4h	4–5h	5–6h	6–7h	7–8h	8–9h	9–10h	10–11h	11–Mid.	Max.	Direction.
1	S. 10	S. 12	SE. 11	SE. 9	NW. 14	S. 8	*W.* 10	SE. 12	*NE.* 9	SW. 5	NW. 30	39	NW.
2	SW. 17	SW. 17	SW. 19	W. 13	W. 9	*SW.* 11	S. 8	*NW.* 2	N. 5	N. 6	S. 6	41	NW.
3	S. 20	S. 16	S. 20	*W.* 20	SW. 16	W. 16	NE. 9	*SW.* 8	NW. 8	*SW.* 4	*S.* 3	32	W.
4	SE. 11	S. 12	S. 16	SE. 17	SE. 26	SE. 17	SE. 9	SE. 9	SE. 3	E. 4	*S.* 2	22	S.
5	NE. 36	NE. 30	N. 34	N. 32	N. 27	N. 23	N. 16	N. 13	N. 9	N. 7	N. 6	41	NE.
6	S. 8	S. 9	S. 7	S. 7	SW. 8	W. 4	*SW.* 4	W. 8	*E.* 4	S. 8	SW. 5	16	NW.
7	*SW.* 7	NW. 21	NW. 26	NW. 16	NW. 13	NW. 12	NW. 11	NW. 8	*W.* 5	S. 3	NW. 11	31	NW.
8	SE. 7	E. 10	*SW.* 7	NW. 8	*N.* 14	NW. 16	NW. 12	N. 16	N. 11	N. 6	N. 12	22	NW.
9	E. 3	SE. 5	SE. 4	SE. 5	E. 3	E. 3	S. 2	N. 6	N. 10	N. 9	N. 9	23	NE.
10	*E.* 17	NW. 25	N. 24	NW. 22	NW. 29	NW. 26	NW. 22	NW. 22	NW. 25	NW. 18	SE. 10	35	N.
11	S. 9	SE. 7	*W.* 5	*NW.* 5	N. 3	N. 2	N. 5	N. 7	N. 6	N. 7	N. 6	19	NE.
12	SE. 13	S. 15	S. 13	S. 11	SE. 8	SE. 4	W. 3	*NW.* 6	N. 10	N. 11	N. 10	18	S.
13	SE. 5	SE. 6	*S.* 4	S. 5	*SE.* 5	S. 4	S. 3	N. 8	N. 11	N. 11	N. 10	16	N.
14	NW. 18	NW. 20	NW. 19	NW. 24	NW. 22	N. 29	*N.* 14	*NE.* 8	N. 6	*W.* 4	*SW.* 3	33	NW.
15	*S.* 10	*NW.* 14	*N.* 22	NW. 21	NW. 14	NW. 5	SE. 4	N. 4	N. 6	N. 3	*W.* 5	30	NW.
16	W. 55	SW. 48	SW. 42	SW. 35	SW. 32	SW. 27	SW. 28	SW. 27	SW. 16	SW. 22	*W.* 12	60	SW.
17	*S.* 7	SW. 5	S. 5	W. 15	*E.* 18	NE. 15	*NW.* 16	N. 17	N. 15	N. 14	*S.* 5	25	N.
18	E. 4	SE. 5	S. 5	SW. 5	SE. 9	S. 16	*E.* 9	NE. 5	N. 3	N. 6	N. 6	22	S.
19	SE. 4	*S.* 8	*NW.* 9	W. 16	N. 26	N. 29	N. 22	N. 19	N. 25	N. 29	N. 23	34	N.
20	NW. 47	NW. 28	*NE.* 21	*SW.* 11	W. 15	W. 37	NW. 47	NW. 49	NW. 42	NW. 36	NW. 24	73	NW.
21	S. 8	S. 9	S. 4	SW. 11	W. 16	W. 10	N. 11	NE. 4	N. 3	N. 3	N. 2	63	NW.
22	E. 2	*SE.* 7	S. 8	S. 6	S. 6	S. 6	S. 5	SE. 3	SW. 2	*NE.* 4	N. 5	12	S.
23	N. 30	N. 28	N. 16	N. 13	*NE.* 12	N. 13	N. 10	N. 8	E. 5	E. 5	E. 2	39	N.
24	*SE.* 3	E. 5	S. 5	S. 8	S. 2	S. 5	S. 4	*N.* 4	*NW.* 5	W. 3	SW. 5	14	SE.
25	*N.* 9	E. 6	S. 7	E. 3	*N.* 6	*E.* 7	SE. 4	*N.* 7	*NW.* 7	SW. 2	W. 5	21	NW.
26	SW. 15	NW. 23	NW. 30	NW. 25	NW. 23	NW. 18	NW. 23	NW. 24	NE. 19	NE. 20	N. 15	36	NW.
27	SE. 6	SE. 9	S. 10	S. 10	S. 9	S. 6	N. 5	E. 9	S. 5	SE. 6	S. 7	17	S.
28	NW. 16	NW. 14	N. 13	NE. 26	*NE.* 23	N. 21	N. 11	N. 13	*NW.* 11	*N.* 10	*NE.* 6	53	NW.
29	NW. 7	NW. 6	N. 9	*NE.* 10	*NE.* 3	N. 3	N. 5	N. 5	*NW.* 6	*N.* 4	*NE.* 4	14	SE.
30	S. 19	S. 23	S. 25	*SE.* 22	SE. 20	SE. 19	SE. 16	SE. 17	SE. 21	SE. 14	*S.* 6	29	S.
31	*SW.* 12	NW. 15	S. 12	*SE.* 15	E. 17	E. 11	*SE.* 6	*S.* 8	*E.* 10	*SE.* 5	*N.* 5	24	NW.
Mean	S. 14.0	S. 14.7	S. 14.7	NW. 14.4	NW. 14.3	S. 13.6	N. 11.4	N. 11.5	N. 10.4	N. 9.5	N. 8.4	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

February, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.11	1.10	1.10	1.10	1.10	1.10	1.10	*1.10*	1.09	1.07	1.06	1.04	1.01	*.97*	.94	.89	.86	.84	.84	*.84*	.84	.84	.84	.83	.98	1.11	.83
2	.81	.81	.81	.80	.80	.80	.79	*.80*	.80	.80	.79	.79	.78	*.76*	.74	.73	.70	.71	.77	*.80*	.82	.83	.85	.87	.79	.87	.70
3	.89	.89	.88	.89	.90	.91	.92	*.93*	.96	.97	.99	1.01	1.00	*1.00*	.99	.99	.99	1.01	1.04	*1.06*	1.09	1.09	1.08	1.08	.98	1.09	.88
4	1.08	1.08	1.08	1.08	1.08	1.07	1.07	*1.09*	1.10	1.10	1.10	1.11	1.09	*1.06*	1.02	1.02	1.00	1.00	.97	*1.04*	1.04	1.05	1.05	1.05	1.06	1.11	.97
5	1.05	1.06	1.05	1.05	1.04	1.05	1.05	*1.05*	1.05	*1.06*	1.05	1.04	1.02	*1.01*	.99	.97	.94	.95	.96	*.98*	.99	.99	.98	.97	1.02	1.06	.94
6	.97	.95	.94	.94	.94	.92	.91	*.90*	.90	.90	.90	.90	.89	*.86*	.84	.81	.79	.79	.80	*.82*	.82	.83	.84	.85	.88	.97	.79
7	.84	.85	.85	.85	.84	.83	.83	*.84*	.85	.85	.85	.85	.85	*.84*	.81	.78	.76	.75	.75	*.75*	.75	.75	.74	.73	.81	.85	.73
8	.71	.68	.65	.65	.63	.60	.58	*.55*	.53	.51	.50	.49	.48	*.46*	.46	.48	.50	.55	.61	*.67*	.69	.70	.70	.71	.59	.71	.46
9	.71	.72	.72	.73	.73	.74	.76	*.78*	.79	.80	.79	.79	.78	*.77*	.74	.71	.70	.70	.71	*.73*	.73	.74	.76	.77	.75	.80	.70
10	.78	.78	.78	.78	.78	.77	.78	*.80*	.81	.84	.85	.85	.86	*.87*	.85	.85	.86	.87	.92	*.95*	.97	.97	.97	.98	.86	.98	.77
11	.98	.99	.99	.99	.98	.97	.96	*.96*	.96	.95	.95	.95	.94	*.92*	.89	.87	.86	.85	.86	*.88*	.87	.86	.85	.85	.92	.99	.85
12	.84	.83	.82	.81	.80	.78	.76	*.75*	.75	*.75*	.75	.75	.76	*.75*	.73	.72	.72	.73	.75	*.78*	.79	.79	.80	.81	.77	.84	.72
13	.82	.82	.83	.84	.84	.85	.86	*.87*	.88	.89	.90	.90	.91	*.91*	.89	.87	.86	.87	.88	*.92*	.94	.95	.97	.99	.89	.99	.82
14	1.00	1.02	1.03	1.04	1.05	1.06	1.07	*1.08*	1.10	1.11	1.10	1.10	1.10	*1.10*	1.08	1.07	1.06	1.07	1.09	*1.11*	1.11	1.12	1.12	1.12	1.08	1.12	1.00
15	1.12	1.11	1.10	1.10	1.08	1.07	1.06	*1.05*	1.04	1.02	1.00	.99	.97	*.94*	.92	.91	.87	.85	.85	*.85*	.85	.85	.84	.82	.97	1.12	.82
16	.80	.79	.77	.76	.75	.74	.72	*.70*	.68	.63	.61	.58	.57	*.56*	.56	.53	.50	.48	.49	*.49*	.50	.51	.50	.52	.61	.80	.48
17	.52	.51	.54	.55	.58	.60	.65	*.66*	.70	.74	.76	.76	.78	*.78*	.77	.74	.75	.78	.80	*.81*	.82	.82	.82	.81	.71	.82	.51
18	.80	.79	.79	.79	.79	.79	.80	*.81*	.81	.81	.80	.79	.78	*.76*	.75	.76	.77	.79	.84	*.86*	.89	.90	.92	.94	.81	.94	.75
19	.96	.98	1.01	1.02	1.06	1.06	1.08	*1.08*	1.09	*1.11*	1.08	1.06	1.04	*1.01*	.97	.91	.84	.82	.77	*.76*	.75	.73	.70	.70	.94	1.11	.70
20	.70	.68	.67	.67	.67	.68	.73	*.78*	.83	.92	.96	.98	.99	*.97*	.94	.93	.93	.93	.94	*.95*	.98	.98	.97	.96	.86	.99	.67
21	.96	.95	.95	.95	.94	.95	.95	*.95*	.95	.96	.97	.97	.97	*.95*	.94	.94	.96	.98	1.00	*1.02*	1.03	1.05	1.07	1.08	.98	1.08	.94
22	1.08	1.10	1.15	1.13	1.13	1.16	1.17	*1.20*	1.22	1.25	1.27	1.28	1.28	*1.28*	1.26	1.26	1.26	1.27	1.28	*1.30*	1.31	1.31	1.32	1.32	1.23	1.32	1.08
23	1.33	1.33	1.33	1.33	1.32	1.31	1.31	*1.32*	1.32	1.32	1.32	1.32	1.32	*1.31*	1.29	1.27	1.27	1.27	1.27	*1.27*	1.28	1.28	1.29	1.29	1.30	1.33	1.27
24	1.29	1.28	1.28	1.28	1.24	1.23	1.23	*1.22*	1.21	1.20	1.19	1.19	1.18	*1.16*	1.15	1.12	1.10	1.08	1.09	*1.10*	1.11	1.12	1.12	1.12	1.18	1.29	1.08
25	1.12	1.13	1.13	1.13	1.12	1.12	1.12	*1.13*	1.13	1.13	1.13	1.13	1.11	*1.09*	1.07	1.04	1.03	1.01	1.00	*1.00*	1.00	1.00	1.00	.99	1.08	1.13	.99
26	.98	.97	.95	.94	.93	.92	.92	*.93*	.94	*.95*	.95	.94	.94	*.93*	.91	.91	.90	.92	.94	*.95*	.97	.98	.98	.99	.94	.99	.90
27	1.00	1.00	1.01	1.02	1.03	1.06	1.09	*1.11*	1.15	1.16	1.18	1.20	1.20	*1.19*	1.16	1.15	1.15	1.15	1.15	*1.15*	1.16	1.15	1.15	1.14	1.12	1.20	1.00
28	1.13	1.12	1.10	1.09	1.07	1.05	1.04	*1.03*	*1.02*	*1.03*	1.03	1.02	1.01	*.99*	.96	.95	.94	.93	.95	*.99*	1.01	1.02	1.02	1.02	1.02	1.13	.93
Mean	.94	.94	.94	.94	.94	.94	.94	.94	.95	.96	.96	.96	.95	.94	.92	.90	.89	.89	.90	.92	.93	.94	.94	.94	.93	1.03	.88

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

February, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	E.	6	SE.	14	S.	8	S.	3	S.	1	S.	5	S.	4	S.	3	S.	2	*SE.*	3	NE.	3	NE.	5	E.	1
2	N.	8	N.	8	N.	7	N.	7	N.	6	N.	6	N.	6	*NE.*	3	*NW.*	4	N.	7	N.	3	N.	3	*NE.*	3
3	NE.	7	NE.	5	NE.	1	*SE.*	2	*NE.*	4	N.	2	N.	6	N.	15	N.	15	*NE.*	13	N.	12	NE.	13	N.	13
4	N.	12	N.	5	N.	4	N.	6	N.	7	N.	6	N.	7	N.	8	N.	7	N.	7	N.	7	N.	5	*E.*	3
5	N.	10	N.	10	N.	10	N.	10	N.	11	N.	11	N.	10	N.	11	N.	10	N.	12	N.	9	N.	6	*W.*	3
6	*NW.*	5	SW.	2	N.	5	*W.*	3	*NW.*	2	*W.*	4	N.	5	*NE.*	4	W.	2	NW	3	*NE.*	4	*N.*	2	*S.*	6
7	N.	9	N.	10	N.	7	N.	9	N.	9	N.	9	N.	8	N.	10	N.	9	N.	10	N.	8	N.	2	S.	9
8	N.	9	N.	6	N.	4	N.	5	N.	7	N.	5	N.	6	N.	6	N.	7	N.	7	*S.*	7	SE.	7	NW.	12
9	*NE.*	14	N.	9	NW.	15	NW.	19	NW.	24	NW.	28	*NW.*	20	N.	13	N.	9	N.	6	NW.	3	S.	8	*SE.*	10
10	N.	7	N.	6	N.	4	N.	3	N.	3	*NE.*	6	N.	6	N.	7	*NE.*	8	*W.*	3	*N.*	4	N.	9	N.	13
11	N.	8	N.	6	N.	10	N.	10	N.	11	N.	9	N.	10	N.	8	N.	7	N.	6	*NE.*	7	*N.*	4	*NW.*	4
12	E.	4	E.	1	E.	3	*NE.*	9	N.	10	N.	10	N.	10	N.	12	N.	11	N.	11	N.	4	*E.*	2	SE.	9
13	S.	2	*E.*	2	*NE.*	7	N.	5	N.	9	N.	9	N.	8	*NE.*	6	N.	10	N.	9	N.	8	*SE.*	4	*S.*	8
14	N.	7	N.	8	N.	8	N.	8	N.	7	N.	6	N.	6	N.	5	N.	4	N.	9	N.	11	NE.	9	*E.*	8
15	N.	7	N.	6	N.	8	N.	8	N.	9	N.	9	N.	9	N.	10	N.	9	N.	8	N.	5	S.	3	*SE.*	5
16	*W.*	5	*NE.*	6	N.	7	N.	5	N.	4	N.	4	W.	5	N.	5	N.	11	W.	24	W.	46	W.	44	W.	56
17	W.	19	*NW.*	21	*W.*	12	*N.*	14	*NE.*	11	*N.*	14	*SW.*	8	*S.*	9	*E.*	9	S.	9	SE.	13	S.	14	*SE.*	12
18	N.	6	*E.*	7	NW.	4	SW.	14	SW.	14	*W.*	8	*N.*	4	*NE.*	4	*SE.*	2	NE.	5	NW.	12	NW.	20	NW.	24
19	*NW.*	7	SE.	6	*SW.*	6	W.	3	*SE.*	7	*S.*	3	*E.*	4	*N.*	2	*NE.*	3	N.	4	*SE.*	4	*SW.*	8	SE.	19
20	W.	40	W.	48	W.	55	W.	46	NW.	42	NW.	39	NW.	24	*N.*	14	NE.	20	S.	17	S.	20	S.	23	S.	19
21	SE.	8	E.	10	SE.	11	*E.*	5	SE.	7	S.	3	SE.	6	SE.	4	S.	6	S.	9	*SE.*	11	SE.	6	E.	5
22	N.	19	N.	23	N.	22	N.	23	N.	20	N.	19	N.	20	N.	20	N.	25	N.	23	N.	23	N.	23	N.	19
23	NW.	2	N.	2	N.	2	N.	2	N.	2	N.	4	N.	6	N.	6	N.	4	N.	7	N.	4	N.	3	E.	5
24	N.	7	N.	8	N.	9	N.	9	N.	12	N.	14	N.	13	N.	10	N.	11	N.	11	N.	10	N.	6	N.	4
25	N.	12	N.	11	N.	11	N.	10	N.	10	N.	11	N.	10	N.	10	N.	9	N.	10	N.	5	N.	4	S.	8
26	N.	9	N.	7	N.	5	NW.	3	*SE.*	3	SW.	6	E.	13	E.	7	NE.	9	N.	8	N.	8	NE.	6	*SE.*	9
27	N.	8	N.	7	N.	5	N.	7	N.	8	NE.	8	SW.	5	N.	4	N.	9	N.	5	NE.	13	N.	21	NE.	20
28	N.	5	N.	6	N.	5	N.	8	N.	8	N.	4	N.	6	N.	6	N.	6	N.	6	N.	5	N.	6	N.	5
Mean	N.	9.4	N.	9.3	N.	9.1	N.	9.1	N.	9.6	N.	9.4	N.	8.8	N.	7.9	N.	8.5	N.	9.0	N.	9.8	N.	9.5	S.	11.1

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [February, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	17	17	15	13	13	13	13	*13*	10	11	16	21	25	*28*	31	33	33	33	31	*26*	19	18	16	15	20.0	33	9
2	16	22	26	24	24	21	24	*21*	17	22	31	38	43	*43*	44	44	44	44	33	*29*	27	22	22	25	29.4	45	14
3	23	20	19	19	18	20	16	*16*	12	11	12	13	16	*20*	21	23	26	22	18	*12*	7	2	0	— 1	15.2	27	12
4	—1	4	4	6	9	13	10	*12*	9	14	22	30	34	*43*	40	41	41	40	35	*30*	25	21	19	20	21.7	43	0
5	22	16	14	16	12	19	15	*17*	12	*12*	32	42	45	*44*	43	43	43	44	43	*35*	32	30	27	26	28.5	48	12
6	28	28	28	31	32	28	30	*30*	33	32	35	39	44	*44*	43	43	44	42	40	*32*	31	28	25	25	34.0	45	23
7	22	23	23	24	24	24	24	*20*	24	25	32	41	42	*41*	42	42	42	41	38	*33*	29	27	25	26	30.6	45	18
8	24	24	24	23	28	27	26	*28*	24	31	40	45	45	*45*	38	39	29	25	24	*21*	22	22	22	22	29.1	47	21
9	19	21	22	22	22	21	20	*19*	11	15	21	24	30	*28*	28	28	30	31	28	*28*	25	22	23	15	23.0	31	10
10	14	14	13	15	11	7	3	*6*	10	13	13	14	14	*14*	10	8	7	6	4	*4*	3	1	0	— 1	8.5	15	2
11	— 2	— 2	— 3	— 1	— 2	— 2	— 3	— *3*	— 4	— 6	— 2	2	4	*5*	6	7	8	7	5	*4*	2	2	— 1	— 1	.8	10	— 6
12	— 3	— 3	— 2	1	— 1	— 3	— 1	*0*	0	*5*	14	19	18	*20*	20	19	18	20	19	*18*	18	21	13	11	10.0	21	— 3
13	11	12	14	9	8	7	6	*4*	4	8	14	19	19	*20*	21	22	23	25	23	*20*	18	14	12	12	14.4	26	3
14	8	8	6	5	8	6	12	*9*	9	13	22	26	27	*27*	27	28	28	27	24	*21*	17	15	12	10	16.5	28	4
15	7	6	5	5	6	5	5	*5*	8	15	25	33	38	*39*	38	40	43	46	45	*40*	40	37	32	32	24.8	46	4
16	31	30	30	30	28	26	29	*28*	38	48	48	53	53	*53*	52	50	50	48	45	*43*	42	40	38	35	40.3	53	23
17	38	36	34	30	30	24	19	*18*	16	17	19	23	27	*31*	35	41	41	39	37	*36*	34	31	31	29	29.8	43	15
18	28	30	34	34	33	27	26	*26*	26	31	40	42	44	*46*	45	45	44	43	43	*41*	38	34	33	33	36.1	47	22
19	30	26	20	21	15	10	10	*10*	10	*13*	18	24	25	*26*	28	31	34	36	37	*34*	31	32	49	49	25.8	37	9
20	48	47	49	49	48	48	35	*33*	14	11	7	5	7	*10*	13	18	17	18	15	*13*	11	10	8	7	22.1	49	5
21	5	5	4	4	4	3	4	*4*	1	1	0	1	2	*6*	4	4	3	5	5	*5*	4	5	3	4	3.6	9	1
22	5	5	5	5	7	7	8	*11*	11	11	11	12	13	*14*	15	15	16	15	14	*12*	12	11	10	9	10.6	16	3
23	9	6	5	4	3	3	3	*2*	3	4	9	11	12	*14*	14	16	14	14	13	*11*	10	6	3	0	7.9	16	2
24	— 3	— 5	— 6	— 6	— 4	— 2	1	— *1*	— 2	7	17	27	31	*35*	35	37	37	34	32	*30*	28	25	25	24	16.5	39	— 6
25	24	25	21	20	21	22	20	*20*	19	22	35	38	38	*38*	39	38	37	38	38	*35*	31	26	25	23	28.9	40	18
26	22	23	26	29	32	42	39	*40*	44	*41*	46	48	47	*47*	49	48	47	45	43	*39*	37	34	35	34	39.0	51	21
27	33	34	36	35	34	35	33	*29*	27	31	34	36	38	*40*	40	42	42	41	39	*37*	32	28	29	24	34.5	42	26
28	24	23	21	22	23	23	23	*23*	25	29	31	36	40	*44*	47	49	50	51	50	*44*	39	35	33	35	34.2	51	19
Mean	17.8	17.7	17.4	17.5	17.4	16.9	16.1	15.3	14.7	17.4	22.9	27.2	29.3	30.9	31.0	31.9	31.8	31.4	29.3	26.2	23.7	21.4	20.3	19.4	22.7	35.8	10.0

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[February, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.	Direction.
1	SE.	5	SE.	7	SE.	9	SE.	11	SE.	10	SE.	7	*S.*	3	N.	3	N.	8	N.	7	N.	7	19	SE.
2	*SW.*	18	W.	18	W.	22	W.	23	W.	25	SE.	20	SE.	11	SE.	8	*S.*	4	*NE.*	5	*E.*	5	28	W.
3	N.	9	N.	8	N.	5	N.	4	*SW.*	4	SW.	6	*S.*	2	S.	2	*NE.*	6	N.	9	N.	10	21	N.
4	*NE.*	3	*SW.*	3	SE.	5	SE.	7	S.	6	SW.	4	*SW.*	3	NW.	4	N.	10	N.	11	N.	10	14	N.
5	SW.	4	S.	11	SE.	9	SE.	9	*S.*	5	*E.*	3	*SE.*	4	*NE.*	5	*NW.*	2	N.	6	N.	5	16	N.
6	*SE.*	11	*S.*	12	S.	11	S.	8	S.	11	S.	7	*SE.*	5	*E.*	5	*S.*	5	*NW.*	5	N.	6	14	S.
7	S.	12	S.	14	S.	14	S.	14	S.	13	S.	11	*SE.*	9	E.	4	*SE.*	2	N.	4	N.	6	16	S.
8	NW.	18	NW.	30	NW.	35	*NE.*	30	*N.*	32	N.	31	N.	31	*NW.*	21	N.	17	N.	16	N.	21	55	NW.
9	S.	12	*SE.*	12	*SE.*	10	*S.*	7	*S.*	10	E.	11	*SE.*	15	S.	13	*E.*	9	*SE.*	5	*N.*	6	32	NW.
10	N.	14	N.	19	N.	21	N.	21	N.	20	N.	17	NE.	13	N.	14	N.	12	N.	12	N.	11	26	N.
11	*SE.*	7	S.	6	S.	8	*SE.*	7	S.	6	S.	6	S.	3	S.	2	S.	2	*SE.*	3	*E.*	2	12	S.
12	SE.	7	*S.*	7	*SE.*	10	*S.*	10	*SW.*	4	SE.	4	*S.*	3	S.	2	S.	1	*SE.*	3	S.	2	14	N.
13	SE.	11	*S.*	10	*SE.*	8	*S.*	5	*E.*	4	*SW.*	6	NE.	5	*SE.*	3	*NE.*	6	N.	5	N.	7	12	SE.
14	S.	12	S.	15	*SE.*	10	S.	10	S.	13	S.	11	*SE.*	8	*S.*	7	E.	3	*NE.*	4	N.	4	17	S.
15	*S.*	6	SE.	8	S.	8	*SE.*	7	S.	5	S.	6	S.	3	*NE.*	6	S.	5	*E.*	5	NE.	6	13	SE.
16	W.	41	SW.	28	SW.	26	SW.	35	SW.	24	SW.	20	SW.	18	SW.	17	*S.*	13	S.	15	*W.*	17	59	W.
17	S.	6	SE.	6	*E.*	7	NW.	22	NW.	25	NW.	22	NW.	19	NW.	9	*N.*	4	E.	7	E.	10	32	NW.
18	*W.*	19	W.	21	*NW.*	27	*W.*	23	NW.	25	NW.	17	NW.	11	NW.	8	*SW.*	6	*E.*	4	E.	6	35	NW.
19	SE.	13	W.	13	W.	14	W.	16	W.	10	S.	7	*NW.*	3	NE.	6	NE.	7	*W.*	15	W.	34	40	W.
20	S.	13	S.	8	S.	7	SE.	11	*SE.*	9	S.	12	S.	12	SE.	11	SE.	10	SE.	10	*S.*	9	64	W.
21	E.	4	*NE.*	3	SW.	4	SE.	4	W.	10	N.	11	N.	6	N.	9	N.	9	N.	16	N.	17	22	N.
22	N.	13	N.	18	N.	20	N.	17	N.	17	N.	18	N.	14	N.	12	N.	11	N.	9	N.	5	28	N.
23	E.	5	SE.	7	S.	7	S.	7	SE.	6	S.	4	*E.*	6	S.	3	SE.	3	SE.	2	*S.*	4	10	SE.
24	N.	2	N.	2	E.	4	SE.	6	SE.	8	SE.	5	S.	3	S.	2	S.	3	N.	8	N.	10	17	N.
25	S.	8	S.	11	S.	10	S.	8	SE.	5	SE.	4	SE.	4	SE.	3	NE.	3	N.	6	N.	8	15	N.
26	SE.	11	S.	12	S.	15	S.	14	S.	12	S.	10	S.	6	S.	3	NE.	5	N.	7	N.	6	22	E.
27	NE.	20	NE.	17	NE.	13	NE.	9	N.	8	SW.	10	SW.	6	*S.*	2	*E.*	5	N.	3	N.	4	25	N.
28	N.	2	N.	2	SE.	3	*S.*	7	S.	11	S.	10	E.	7	N.	8	N.	5	N.	7	N.	5	14	S.
Mean	S.	10.9	S.	11.7	S.	12.2	*S.*	12.6	S.	12.1	S.	10.7	S.	8.3	S.	6.9	N.	6.3	N.	7.5	N.	8.7	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

March, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.02	1.03	1.02	1.02	1.02	1.03	1.05	*1.06*	1.06	1.08	1.09	1.07	1.05	*1.03*	1.02	.99	.97	.96	.96	*.97*	.97	.96	.96	.95	1.02	1.09	.95
2	.94	.95	.95	.94	.93	.90	.90	*.90*	.88	.88	.87	.86	.85	*.83*	.80	.78	.76	.77	.80	*.81*	.83	.83	.84	.85	.86	.95	.76
3	.84	.84	.84	.85	.82	.83	.84	*.83*	.83	.83	.82	.79	.75	*.74*	.68	.67	.64	.64	.64	*.64*	.64	.62	.61	.60	.74	.85	.60
4	.59	.59	.57	.56	.54	.53	.54	*.54*	.55	.54	.58	.57	.58	*.59*	.53	.58	.59	.60	.62	*.65*	.67	.69	.69	.70	.59	.70	.53
5	.69	.68	.68	.68	.69	.72	.75	*.78*	.78	*.78*	.80	.81	.81	*.81*	.80	.80	.79	.78	.80	*.84*	.84	.85	.86	.85	.79	.86	.68
6	.84	.83	.81	.81	.80	.81	.81	*.81*	.81	.81	.80	.79	.77	*.79*	.78	.80	.82	.85	.88	*.92*	.99	1.02	1.04	1.06	.85	1.06	.77
7	1.07	1.09	1.11	1.11	1.13	1.13	1.14	*1.14*	1.14	1.14	1.12	1.09	1.05	*1.03*	.98	.96	.94	.89	.86	*.86*	.86	.87	.89	.89	1.02	1.14	.86
8	.89	.87	.86	.86	.84	.84	.84	*.84*	.86	.89	.89	.88	.88	*.88*	.83	.84	.82	.81	.81	*.85*	.85	.87	.87	.87	.86	.89	.81
9	.86	.85	.86	.85	.84	.82	.82	*.83*	.83	.81	.81	.79	.77	*.77*	.75	.74	.70	.70	.70	*.70*	.72	.70	.70	.69	.78	.86	.69
10	.67	.67	.67	.65	.65	.66	.72	*.77*	.83	.83	.87	.89	.90	*.90*	.89	.89	.89	.93	.96	*1.00*	1.02	1.02	1.05	1.07	.85	1.07	.65
11	1.05	1.04	1.04	1.04	1.04	1.04	1.05	*1.06*	1.07	1.08	1.08	1.08	1.08	*1.08*	1.05	1.03	1.00	.99	1.01	*1.03*	1.03	1.05	1.08	1.08	1.05	1.08	.99
12	1.08	1.07	1.07	1.05	1.04	1.04	1.03	*1.04*	1.04	*1.04*	1.03	1.03	1.03	*1.03*	1.01	.99	.98	.98	1.00	*1.00*	1.02	1.03	1.05	1.05	1.03	1.08	.98
13	1.05	1.05	1.04	1.04	1.04	1.03	1.03	*1.03*	1.04	1.05	1.04	1.04	1.02	*.99*	.96	.94	.90	.89	.89	*.90*	.91	.91	.91	.90	.98	1.05	.89
14	.88	.88	.88	.86	.82	.81	.80	*.79*	.78	*.78*	.78	.76	.77	*.77*	.78	.77	.77	.75	.76	*.78*	.82	.84	.85	.87	.81	.88	.75
15	.87	.88	.90	.92	.92	.92	.93	*.95*	.96	.96	.95	.94	.93	*.92*	.89	.88	.83	.82	.85	*.88*	.89	.89	.89	.89	.90	.96	.82
16	.88	.86	.85	.84	.83	.83	.82	*.82*	.82	.82	.80	.77	.75	*.72*	.69	.67	.65	.66	.63	*.64*	.64	.65	.65	.64	.75	.88	.63
17	.63	.62	.59	.60	.58	.57	.57	*.58*	.60	.60	.60	.59	.59	*.59*	.59	.58	.57	.58	.64	*.69*	.73	.77	.81	.84	.63	.84	.57
18	.84	.85	.87	.90	.90	.92	.92	*.92*	.94	.93	.92	.90	.89	*.86*	.84	.83	.80	.80	.82	*.83*	.83	.86	.84	.81	.87	.94	.80
19	.79	.79	.77	.74	.71	.70	.70	*.70*	.70	*.67*	.65	.65	.64	*.64*	.59	.55	.51	.47	.48	*.49*	.50	.50	.50	.50	.62	.79	.47
20	.50	.54	.54	.53	.52	.52	.54	*.56*	.57	.59	.60	.60	.60	*.60*	.60	.59	.59	.58	.62	*.66*	.69	.72	.76	.76	.60	.76	.50
21	.76	.75	.76	.76	.76	.76	.76	*.79*	.80	.80	.81	.82	.82	*.82*	.82	.82	.83	.86	.89	*.93*	.95	.96	.98	.99	.83	.99	.75
22	1.01	1.02	1.05	1.04	1.03	1.05	1.07	*1.10*	1.11	1.13	1.14	1.17	1.18	*1.22*	1.22	1.21	1.20	1.20	1.21	*1.23*	1.24	1.26	1.27	1.28	1.15	1.28	1.01
23	1.29	1.29	1.29	1.28	1.26	1.24	1.23	*1.22*	1.21	1.19	1.18	1.17	1.16	*1.15*	1.15	1.13	1.10	1.09	1.09	*1.10*	1.13	1.14	1.15	1.15	1.18	1.29	1.09
24	1.15	1.15	1.15	1.14	1.14	1.13	1.13	*1.13*	1.14	1.14	1.15	1.14	1.13	*1.12*	1.11	1.10	1.10	1.12	1.13	*1.15*	1.17	1.18	1.20	1.20	1.14	1.20	1.10
25	1.20	1.20	1.22	1.22	1.22	1.21	1.21	*1.21*	1.21	1.21	1.20	1.20	1.18	*1.16*	1.14	1.13	1.12	1.12	1.12	*1.12*	1.12	1.11	1.12	1.14	1.17	1.22	1.11
26	1.15	1.15	1.18	1.18	1.18	1.18	1.16	*1.16*	1.16	*1.16*	1.17	1.17	1.16	*1.16*	1.15	1.14	1.13	1.13	1.14	*1.14*	1.14	1.14	1.14	1.14	1.16	1.18	1.13
27	1.12	1.12	1.11	1.10	1.08	1.06	1.04	*1.01*	1.00	.99	.98	.97	.95	*.92*	.91	.91	.92	.94	.96	*1.00*	1.01	1.04	1.09	1.12	1.02	1.12	.91
28	1.15	1.18	1.21	1.22	1.23	1.25	1.28	*1.32*	1.35	1.36	1.37	1.36	1.35	*1.32*	1.30	1.27	1.26	1.23	1.23	*1.23*	1.23	1.24	1.25	1.25	1.27	1.37	1.15
29	1.23	1.22	1.21	1.18	1.15	1.12	1.10	*1.08*	1.08	1.06	1.06	1.04	1.02	*1.00*	.98	.97	.94	.93	.94	*.95*	.96	.97	.97	.96	1.05	1.23	.93
30	.94	.92	.90	.89	.86	.84	.83	*.81*	.80	.79	.78	.76	.74	*.72*	.72	.72	.71	.72	.72	*.74*	.76	.77	.79	.81	.79	.94	.71
31	.84	.85	.87	.90	.90	.92	.95	*.98*	.99	*.99*	.99	.99	.99	*.99*	1.00	1.01	1.03	1.05	1.06	*1.08*	1.09	1.11	1.13	1.14	.99	1.14	.84
Mean	.93	.93	.93	.93	.92	.92	.92	.93	.93	.93	.93	.92	.92	.91	.89	.88	.87	.87	.88	.90	.91	.92	.93	.94	.91	1.02	.82

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

March, 1894.]

Day.	0–1h a. m.	1–2h	2–3h	3–4h	4–5h	5–6h	6–7h	7–8h	8–9h	9–10h	10–11h	11–Noon.	Noon–1h p. m.
1	N. 4	NW. 4	NW. 4	W. 5	N. 5	N. 7	N. 8	N. 6	N. 9	N. 8	*SE.* 3	S. 15	S. 20
2	SE. 10	E. 7	*W.* 3	N. 4	*NE.* 2	W. 4	*W.* 4	N. 4	N. 4	NW. 2	N. 5	N. 5	*W.* 5
3	N. 7	*S.* 4	E. 4	*E.* 6	SE. 5	N. 4	N. 5	N. 8	N. 7	N. 6	N. 3	S. 12	S. 22
4	SE. 14	S. 18	S. 24	S. 21	SW. 18	S. 20	SW. 25	SW. 23	SW. 20	SW. 23	SW. 26	SW. 23	W. 20
5	N. 9	N. 22	N. 34	N. 38	N. 37	W. 13	NW. 8	NW. 6	N. 7	N. 15	N. 19	NW. 23	*N.* 23
6	N. 5	N. 7	*W.* 4	*NE.* 4	N. 6	N. 6	*NW.* 3	N. 5	N. 5	N. 6	E. 3	SE. 6	W. 17
7	NW. 8	W. 4	S. 4	S. 3	N. 7	N. 7	N. 4	N. 4	N. 4	N. 4	*SE.* 4	S. 5	SE. 22
8	N. 6	*W.* 3	N. 4	SW. 3	N. 5	N. 8	N. 7	NE. 5	N. 17	*NE.* 18	N. 13	*N.* 21	NW. 22
9	NW. 3	N. 4	N. 7	N. 12	N. 19	N. 13	SE. 6	*NE.* 5	N. 6	N. 6	W. 6	SE. 9	S. 6
10	SW. 10	SW. 13	SE. 8	W. 20	W. 36	W. 32	W. 25	*W.* 19	NW. 31	NW. 42	NW. 52	NW. 44	NW. 41
11	SE. 15	SE. 16	SE. 24	*S.* 12	*N.* 3	*E.* 5	N. 8	N. 6	N. 8	*NE.* 8	N. 3	*N.* 6	SE. 19
12	*E.* 9	N. 9	*N.* 10	NE. 16	NE. 12	*SW.* 6	SE. 7	*W.* 4	*NW.* 4	SW. 4	SW. 5	*W.* 3	*SE.* 3
13	NW. 14	NW. 19	NW. 22	NW. 15	*W.* 6	NW. 7	NW. 8	*N.* 7	*NE.* 5	*N.* 4	NW. 2	*SW.* 7	SE. 5
14	N. 6	N. 5	N. 5	N. 4	N. 3	N. 7	N. 6	N. 5	N. 6	N. 4	*SE.* 5	W. 9	NW. 20
15	SW. 6	*E.* 4	N. 4	N. 6	N. 7	N. 5	N. 6	NE. 5	E. 6	*E.* 7	SE. 14	SE. 12	*SE.* 8
16	N. 9	*W.* 4	NW. 5	N. 4	NW. 6	N. 4	NW. 5	*SW.* 4	NW. 4	NE. 6	N. 4	E. 4	SE. 5
17	*S.* 10	*SW.* 11	S. 10	S. 9	S. 11	S. 10	S. 7	N. 6	N. 6	N. 5	*NE.* 3	S. 2	*N.* 2
18	N. 26	N. 27	N. 28	N. 21	N. 18	N. 17	N. 15	N. 13	N. 10	*NE.* 5	*S.* 6	SE. 3	S. 8
19	SE. 4	*SE.* 5	E. 2	*NE.* 4	N. 5	N. 7	*NE.* 5	*N.* 5	*NE.* 7	*NW.* 3	N. 5	*SE.* 4	*S.* 7
20	*S.* 17	*NW.* 10	W. 7	*SW.* 11	*S.* 4	NE. 5	*NE.* 12	N. 16	N. 21	N. 24	*NE.* 31	*NE.* 33	N. 36
21	N. 24	N. 24	N. 35	*NW.* 33	*NW.* 30	N. 30	N. 32	N. 31	N. 26	N. 24	N. 25	N. 27	N. 27
22	N. 9	N. 5	*NE.* 3	N. 4	*W.* 4	*NE.* 9	*SE.* 6	*E.* 5	NE. 12	NE. 14	N. 13	NE. 17	*NE.* 22
23	N. 9	N. 9	N. 9	N. 11	N. 11	N. 8	N. 11	N. 13	N. 13	N. 16	N. 7	N. 6	N. 8
24	N. 7	N. 8	N. 6	N. 6	N. 6	N. 5	N. 4	*SE.* 7	*S.* 9	SE. 9	SE. 10	SE. 12	SE. 13
25	SE. 3	SE. 7	*E.* 4	E. 3	*S.* 6	*SE.* 5	SE. 3	SE. 3	SE. 2	SE. 2	SE. 5	SE. 8	*S.* 8
26	SE. 3	SE. 3	*S.* 4	S. 5	SE. 5	SE. 3	SE. 5	S. 2	E. 2	N. 2	N. 3	*NW.* 4	*SE.* 2
27	NE. 2	*NE.* 4	N. 5	N. 5	N. 7	N. 7	N. 7	N. 6	N. 8	NW. 6	*SW.* 3	*SE.* 5	E. 11
28	*N.* 30	*NE.* 28	N. 32	N. 32	N. 30	*NE.* 30	N. 28	N. 27	N. 24	N. 22	N. 18	N. 12	*NE.* 5
29	E. 3	*E.* 2	NE. 3	*NE.* 2	N. 2	N. 4	N. 4	N. 4	N. 4	N. 4	N. 2	*SE.* 7	S. 12
30	N. 8	N. 6	N. 5	N. 5	*NE.* 5	*NW.* 4	N. 5	N. 5	N. 6	S. 5	E. 7	E. 9	NW. 12
31	*E.* 8	SW. 5	N. 7	N. 8	N. 4	*NE.* 10	*N.* 10	NW. 2	C. 0	N. 2	*NE.* 4	S. 23	S. 18
Mean	N. 9.6	N. 9.6	N. 10.5	N. 10.7	N. 10.5	N. 9.7	N. 9.3	N. 8.5	N. 9.3	N. 10.1	N. 10.1	S. 12.1	SE. 14.5

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [March, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	32	33	34	35	31	26	27	*26*	25	30	38	42	43	*43*	43	43	41	42	42	*39*	39	36	36	34	35.8	44	24
2	32	31	29	30	31	29	27	*24*	24	29	35	40	44	*47*	51	53	51	53	51	*48*	46	43	44	38	38.8	54	22
3	35	38	42	39	35	34	27	*28*	28	33	40	51	54	*54*	56	55	55	54	52	*50*	46	46	43	43	43.2	58	25
4	47	48	46	44	39	43	39	*38*	37	37	37	38	39	*38*	38	36	38	36	35	*31*	29	30	28	27	37.4	40	31
5	27	27	27	26	27	24	24	*24*	25	*28*	29	30	31	*33*	34	34	36	36	35	*34*	32	31	27	27	29.5	38	22
6	22	24	22	21	20	23	21	*24*	23	31	41	44	44	*43*	45	43	40	39	39	*37*	35	33	34	33	32.5	48	16
7	28	26	25	21	21	19	17	*14*	12	21	24	29	33	*36*	39	42	44	46	46	*44*	39	37	33	34	36.4	46	12
8	31	30	33	31	33	30	32	*37*	39	40	42	44	45	*47*	48	51	52	54	53	*48*	44	44	38	40	41.1	54	28
9	42	41	43	45	45	39	36	*34*	34	40	49	51	56	*60*	62	64	64	64	62	*59*	57	56	58	51	50.3	65	31
10	52	52	49	54	54	52	50	*45*	40	38	38	40	42	*45*	47	49	48	46	43	*41*	39	37	34	35	44.6	51	38
11	32	34	34	30	20	25	22	*21*	23	28	39	46	48	*50*	53	56	58	58	58	*55*	52	52	52	52	42.0	59	19
12	53	53	53	53	51	48	50	*44*	45	*45*	48	52	59	*63*	67	62	63	66	66	*63*	59	57	55	54	55.4	70	44
13	54	54	52	52	50	50	51	*50*	46	46	53	57	60	*68*	64	65	65	66	65	*63*	59	55	54	48	55.0	67	44
14	46	44	40	35	35	35	39	*39*	41	51	58	60	60	*60*	59	61	61	62	59	*57*	56	53	48	47	50.2	62	32
15	45	44	40	37	35	33	37	*35*	34	36	36	39	43	*48*	51	54	57	57	55	*53*	50	*46*	40	42	43.6	58	31
16	42	46	45	45	49	48	42	*45*	42	47	56	58	61	*64*	65	64	64	64	62	*60*	57	54	53	53	53.6	66	40
17	54	56	55	53	53	51	47	*44*	42	43	49	54	58	*59*	60	61	61	56	56	*51*	47	45	40	38	51.5	62	40
18	37	35	33	33	32	32	32	*32*	33	34	38	39	42	*44*	46	50	49	48	46	*44*	43	42	43	37	39.3	51	32
19	34	33	31	26	26	26	23	*23*	24	*33*	42	44	49	*52*	56	57	59	59	58	*55*	51	48	45	50	41.8	60	22
20	40	41	45	45	43	36	36	*34*	33	32	31	30	29	*31*	30	30	30	29	27	*26*	23	18	17	17	31.4	35	26
21	16	17	15	15	15	15	15	*14*	14	13	14	13	15	*16*	16	16	16	15	14	*14*	13	12	11	8	14.2	18	11
22	6	9	10	11	15	15	15	*16*	16	18	24	24	29	*30*	33	32	33	32	32	*30*	26	22	17	15	21.2	34	6
23	14	15	13	13	13	13	13	*15*	18	30	39	44	49	*51*	51	52	52	51	49	*46*	42	40	35	30	32.9	54	12
24	27	29	25	22	26	20	26	*24*	22	21	21	22	22	*24*	24	25	23	24	22	*21*	18	17	16	16	22.1	27	19
25	16	16	16	16	14	14	13	*12*	13	13	12	13	14	*16*	17	18	20	21	21	*22*	21	20	20	20	16.6	22	12
26	20	20	20	20	19	19	18	*17*	18	*19*	22	31	34	*36*	34	35	37	37	35	*35*	33	31	29	28	27.0	40	17
27	26	24	24	22	22	22	23	*26*	31	35	39	48	53	*60*	58	59	56	54	52	*47*	44	39	34	28	38.6	60	21
28	25	22	18	18	17	12	11	*11*	11	11	12	15	19	*22*	24	26	27	27	27	*26*	24	22	20	18	19.4	28	11
29	17	16	17	17	16	16	19	*22*	30	41	48	53	57	*59*	59	61	61	61	60	*57*	53	*51*	47	42	40.8	62	16
30	39	40	41	40	39	42	44	*41*	44	50	57	61	63	*63*	63	64	63	64	63	*59*	55	54	48	43	51.7	65	36
31	41	39	39	39	40	37	32	*32*	32	32	33	33	35	*36*	35	32	32	34	38	*36*	33	33	32	32	34.9	39	31
Mean	33.3	33.5	32.8	31.9	31.5	29.9	29.1	28.7	29.0	32.4	36.9	40.2	42.9	44.9	46.1	46.8	47.0	47.0	45.9	43.6	40.8	38.8	36.3	34.8	37.7	49.6	24.9

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[March, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	S.	22	S.	28	S.	29	S.	28	S.	28	S.	28	*SE.*	22	SE.	15	SE.	12	SE.	11	SE.	13	34	S.
2	SE.	8	SE.	6	S.	5	S.	21	S.	24	S.	22	S.	15	S.	18	*SW.*	11	NE.	3	N.	7	28	S.
3	SW.	25	S.	26	S.	26	S.	31	S.	31	S.	24	S.	18	*SE.*	9	SE.	9	SE.	12	*S.*	17	38	S.
4	W.	18	W.	17	W.	21	W.	17	SW.	18	NW.	15	W.	10	W.	8	NW.	11	NW.	20	NW.	19	48	W.
5	NW.	18	NW.	18	NW.	14	W.	17	NW.	18	NW.	19	NW.	15	NW.	9	*N.*	6	SW.	8	*SW.*	5	46	NW.
6	NW.	25	NW.	28	NW.	31	NW.	30	N.	20	NE.	21	N.	17	N.	15	N.	16	NW.	11	W.	11	44	NW.
7	S.	13	S.	15	S.	17	SE.	19	SE.	18	SE.	16	*S.*	9	*SE.*	6	E.	6	*NE.*	7	N.	6	23	SE.
8	NW.	18	NW.	17	NW.	18	NW.	14	NW.	9	NW.	13	NW.	9	NW.	4	*E.*	3	*W.*	6	NW.	5	30	NW.
9	S.	6	*E.*	10	*SW.*	14	*NW.*	8	*W.*	14	SW.	8	S.	8	S.	14	SE.	10	S.	11	S.	6	22	N.
10	NW.	32	NW.	35	NW.	26	SE.	16	*SE.*	17	E.	17	E.	10	*SE.*	16	S.	22	S.	24	SE.	18	66	NW.
11	SE.	15	SE.	13	*S.*	10	S.	8	SE.	7	S.	8	*W.*	10	NW.	17	NW.	12	*W.*	11	NE.	14	26	SE.
12	SW.	5	E.	7	NW.	17	NW.	24	NW.	27	NW.	26	NW.	21	NW.	17	NW.	15	*W.*	17	*NW.*	13	34	NW.
13	*S.*	9	SE.	13	*E.*	13	E.	14	*W.*	25	NW.	16	SW.	10	*NW.*	19	*SE.*	10	W.	3	N.	5	33	SW.
14	NW.	20	W.	22	*NW.*	18	*W.*	29	NW.	24	NW.	24	NW.	25	*NE.*	17	NE.	9	*N.*	6	NW.	5	36	NW.
15	E.	6	SE.	7	SE.	3	SE.	9	SE.	14	SE.	15	*E.*	9	*SE*	5	*NE.*	4	N.	7	N.	10	18	SE.
16	*W.*	12	SW.	21	W.	21	NW.	16	*W.*	11	*NW.*	13	SW.	16	SW.	13	*NW.*	19	W.	11	*SW.*	10	31	W.
17	SE.	7	SE.	10	*S.*	9	*E.*	7	*SE.*	15	N.	24	NE.	20	N.	19	N.	23	N.	26	N.	26	38	N.
18	SE.	6	SE.	9	SE.	11	SE.	15	SE.	19	SE.	20	S.	20	S.	14	S.	13	*SW.*	8	NW.	4	32	N.
19	SE.	11	S.	14	S.	21	S.	18	SW.	18	S.	17	S.	16	*SW.*	19	S.	6	SE.	9	*SW.*	9	25	S.
20	N.	37	N.	36	N.	36	*NE.*	33	*NE.*	33	N.	37	N.	35	N.	30	N.	25	N.	25	N.	24	45	N.
21	*NE.*	26	*N.*	26	*NE.*	25	NE.	25	*N.*	24	N.	22	N.	15	N.	12	N.	10	N.	11	N.	9	44	N.
22	N.	29	N.	29	*NE.*	22	NE.	22	NE.	24	*N.*	23	NE.	18	N.	15	*NE.*	12	*NW.*	6	N.	6	35	N.
23	*NE.*	8	*N.*	9	*E.*	8	NE.	8	E.	10	N.	14	N.	11	*NW.*	5	*NW.*	6	N.	3	N.	9	15	N.
24	SE.	9	*S.*	6	*SE.*	8	S.	8	N.	14	N.	12	E.	8	E.	5	SE.	5	SE.	6	SE.	3	16	SE.
25	SE.	9	SE.	8	SE.	6	SE.	6	SE.	7	SE.	8	*S.*	6	S.	10	S.	9	SE.	8	*E.*	5	11	S.
26	E.	4	*SE.*	8	S.	11	S.	14	S.	12	S.	12	S.	8	S.	4	E.	3	S.	4	*NE.*	1	16	S.
27	SE.	12	NW.	35	NW.	29	*NE.*	18	*N.*	17	*N.*	11	NE.	19	NE.	9	*N.*	14	N.	19	N.	24	42	NW.
28	SE.	8	SE.	9	SE.	12	SE.	10	*S.*	10	S.	10	S.	12	S.	14	*SE.*	12	SE.	12	SE.	6	38	N.
29	S.	14	S.	16	SE.	15	S.	16	SE.	17	SE.	20	*S.*	13	*E.*	5	SE.	6	N.	5	N.	6	21	SE.
30	NW.	14	NW.	18	W.	8	W.	10	NW.	13	NW.	13	NW.	17	N.	12	NW.	10	E.	11	S.	10	35	NW.
31	*SE.*	18	*S.*	24	SE.	16	W.	5	S.	8	W.	3	SE.	7	SE.	6	E.	5	SE.	4	SE.	1	28	S.
Mean	SE.	15.0	SE.	17.3	SE.	16.9	*S.*	16.6	SE.	17.6	NW.	17.2	S.	14.5	S.	11.7	*SE.*	10.3	N.	10.4	N.	9.8	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

April, 1894.] [Seventy-fifth

Day.	1h a.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.15	1.15	1.14	1.13	1.12	1.11	1.11	*1.12*	1.12	1.13	1.13	1.13	1.13	*1.12*	1.11	1.09	1.07	1.07	1.08	*1.10*	1.11	1.13	1.13	1.13	1.12	1.15	1.07
2	1.13	1.13	1.12	1.11	1.09	1.08	1.06	*1.04*	1.04	*1.02*	1.00	.97	.95	*.90*	.86	.85	.83	.79	.80	*.82*	.84	.87	.89	.90	.96	1.13	.79
3	.91	.92	.92	.94	.96	.99	1.00	*1.02*	1.03	1.01	1.00	.99	.96	*.94*	.93	.93	.91	.89	.91	*.94*	.96	.99	1.01	1.02	.96	1.03	.89
4	1.03	1.04	1.04	1.04	1.05	1.08	1.09	*1.12*	1.13	1.14	1.14	1.13	1.12	*1.11*	1.09	1.08	1.06	1.05	1.06	*1.08*	1.09	1.12	1.14	1.16	1.09	1.16	1.03
5	1.17	1.19	1.20	1.20	1.20	1.21	1.21	*1.22*	1.22	1.22	1.21	1.21	1.19	*1.16*	1.14	1.12	1.10	1.10	1.11	*1.12*	1.12	1.13	1.14	1.14	1.17	1.22	1.10
6	1.14	1.15	1.14	1.14	1.14	1.14	1.14	*1.15*	1.15	1.15	1.15	1.15	1.13	*1.10*	1.08	1.06	1.02	1.00	1.00	*1.02*	1.03	1.05	1.06	1.06	1.10	1.15	1.00
7	1.05	1.04	1.03	1.01	1.00	.98	.97	*.95*	.95	.93	.92	.92	.88	*.84*	.80	.78	.77	.77	.74	*.74*	.75	.76	.77	.78	.88	1.05	.74
8	.78	.79	.79	.80	.81	.82	.84	*.86*	.87	.91	.92	.93	.94	*.95*	.95	.96	.97	.99	1.01	*1.04*	1.05	1.07	1.09	1.11	.93	1.11	.78
9	1.12	1.12	1.12	1.13	1.13	1.14	1.14	*1.14*	1.14	*1.14*	1.14	1.12	1.09	*1.07*	1.06	1.06	1.04	1.03	1.04	*1.06*	1.09	1.11	1.11	1.11	1.10	1.14	1.03
10	1.12	1.11	1.11	1.10	1.10	1.10	1.10	*1.12*	1.12	1.12	1.11	1.10	1.08	*1.05*	1.03	1.00	.96	.95	.95	*.95*	.95	.95	.96	.96	1.05	1.12	.95
11	.96	.95	.93	.92	.92	.91	.91	*.91*	.90	.88	.87	.85	.82	*.80*	.77	.74	.70	.69	.70	*.71*	.72	.73	.74	.74	.82	.96	.69
12	.74	.76	.78	.79	.79	.81	.87	*.91*	.93	.94	.96	.98	1.00	*1.01*	1.02	1.04	1.05	1.07	1.09	*1.11*	1.13	1.15	1.16	1.17	.97	1.17	.74
13	1.17	1.17	1.17	1.16	1.15	1.15	1.15	*1.14*	1.14	1.13	1.11	1.10	1.08	*1.05*	1.04	1.03	1.01	1.00	.98	*.95*	.98	.99	.99	.98	1.08	1.17	.98
14	.96	.95	.94	.93	.91	.88	.87	*.86*	.86	.84	.83	.81	.79	*.76*	.75	.71	.69	.67	.68	*.68*	.70	.72	.75	.76	.80	.96	.67
15	.78	.80	.81	.82	.84	.86	.87	*.89*	.88	.87	.86	.86	.83	*.81*	.80	.77	.76	.74	.75	*.77*	.77	.78	.78	.77	.81	.89	.74
16	.75	.75	.74	.73	.73	.72	.72	*.72*	.71	*.70*	.69	.66	.63	*.61*	.61	.60	.54	.55	.58	*.58*	.58	.61	.63	.63	.66	.75	.54
17	.63	.63	.62	.62	.64	.66	.67	*.68*	.70	.71	.70	.69	.70	*.70*	.70	.68	.69	.72	.74	*.74*	.76	.76	.77	.77	.70	.77	.62
18	.77	.77	.78	.77	.77	.77	.77	*.78*	.81	.83	.84	.84	.84	*.84*	.84	.84	.84	.87	.90	*.90*	.92	.95	.96	.97	.84	.97	.77
19	.98	1.05	1.08	1.11	1.12	1.13	1.15	*1.15*	1.17	1.18	1.19	1.19	1.18	*1.18*	1.18	1.18	1.13	1.12	1.12	*1.13*	1.15	1.18	1.20	1.21	1.14	1.21	.98
20	1.22	1.23	1.23	1.23	1.23	1.23	1.23	*1.24*	1.25	1.25	1.24	1.24	1.21	*1.20*	1.18	1.17	1.15	1.12	1.13	*1.15*	1.17	1.20	1.21	1.21	1.20	1.25	1.12
21	1.20	1.20	1.19	1.17	1.17	1.15	1.14	*1.14*	1.14	1.11	1.09	1.08	1.05	*1.02*	1.00	1.01	.98	1.00	1.01	*1.03*	1.03	1.03	1.04	1.04	1.08	1.20	.98
22	1.07	1.07	1.07	1.07	1.07	1.06	1.07	*1.08*	1.09	1.08	1.05	1.03	1.02	*.99*	.97	.97	.94	.92	.92	*.92*	.93	.95	.96	.96	1.01	1.09	.92
23	.97	.98	.98	.97	.99	.99	1.00	*1.01*	1.02	*1.03*	1.02	1.02	1.01	*.99*	.99	.98	.97	.97	.97	*.97*	1.01	1.05	1.09	1.10	1.00	1.10	.97
24	1.11	1.12	1.12	1.12	1.13	1.13	1.14	*1.16*	1.16	1.15	1.15	1.14	1.13	*1.10*	1.09	1.08	1.06	1.07	1.07	*1.10*	1.13	1.16	1.19	1.20	1.12	1.20	1.06
25	1.21	1.22	1.23	1.23	1.23	1.23	1.24	*1.24*	1.24	1.23	1.21	1.17	1.15	*1.13*	1.12	1.10	1.07	1.06	1.06	*1.05*	1.06	1.07	1.07	1.06	1.15	1.24	1.05
26	1.05	1.05	1.02	1.00	.97	.96	.94	*.93*	.92	.91	.87	.85	.81	*.77*	.75	.70	.66	.67	.67	*.68*	.71	.72	.74	.75	.84	1.05	.66
27	.77	.78	.79	.80	.82	.85	.86	*.87*	.87	.87	.87	.86	.84	*.82*	.81	.77	.73	.68	.68	*.68*	.68	.69	.70	.70	.78	.87	.68
28	.70	.70	.70	.70	.70	.68	.67	*.67*	.67	.68	.67	.67	.66	*.63*	.61	.60	.57	.57	.58	*.62*	.69	.72	.76	.76	.67	.76	.57
29	.75	.77	.76	.76	.76	.82	.84	*.86*	.85	.85	.85	.85	.84	*.84*	.84	.84	.82	.80	.81	*.82*	.83	.84	.86	.87	.82	.87	.75
30	.86	.85	.83	.82	.81	.78	.77	*.79*	.80	*.82*	.84	.86	.86	*.87*	.90	.93	.95	.98	.99	*1.00*	1.02	1.04	1.06	1.07	.90	1.07	.77
Mean	.98	.98	.98	.98	.98	.98	.98	.99	1.00	.99	.99	.98	.96	.94	.93	.92	.90	.90	.90	.92	.93	.95	.96	.97	.96	1.06	.86

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

April, 1894.]

Day.	0-1h a.m.		1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Noon.		Noon-1h p.m.	
1	W.	2	W.	2	W.	3	SE.	2	E.	2	N.	3	N.	3	N.	6	N.	11	NE.	12	*E.*	10	SE.	8	SE.	12
2	N.	4	N.	3	N.	4	N.	5	N.	4	N.	4	N.	6	N.	5	N.	5	*NW.*	2	SE.	5	*S.*	6	E.	8
3	N.	26	*N.*	25	NE.	36	NE.	38	N.	21	N.	8	E.	10	NE.	3	N.	5	N.	3	S.	4	S.	14	S.	27
4	W.	2	NW.	4	NW.	5	NW.	7	N.	9	N.	8	N.	4	N.	5	NE.	1	NE.	3	SE.	12	SE.	14	SE.	16
5	E.	3	SE.	8	SE.	4	NE.	3	*N.*	3	N.	1	NE.	3	N.	4	N.	5	*E.*	2	*E.*	2	SE.	4	S.	7
6	N.	8	N.	10	N.	7	N.	7	N.	6	N.	6	N.	5	N.	6	N.	6	N.	4	*W.*	7	S.	11	S.	11
7	N.	10	N.	9	N.	10	N.	9	N.	6	N.	6	N.	6	N.	5	N.	3	S.	3	S.	6	S.	9	SE.	8
8	N.	12	N.	17	N.	15	NW.	29	N.	25	N.	15	N.	9	N.	22	NW.	16	N.	20	N.	26	N.	27	N.	31
9	NW.	14	NW.	8	N.	10	N.	7	N.	5	N.	5	N.	6	N.	7	N.	6	N.	3	SE.	2	E.	4	E.	7
10	N.	7	N.	7	N.	5	*E.*	2	NE.	4	*SW.*	4	E.	4	W.	5	SW.	7	S.	8	SE.	13	SE.	14	S.	17
11	N.	9	N.	10	N.	10	N.	11	N.	9	N.	10	N.	9	N.	10	N.	7	N.	4	N.	4	SE.	11	SE.	12
12	N.	4	SE.	6	*W.*	4	N.	7	N.	20	N.	24	N.	24	N.	32	N.	34	N.	39	N.	42	N.	41	N.	39
13	N.	19	N.	16	N.	16	N.	15	N.	13	N.	14	N.	14	N.	12	N.	9	N.	9	N.	8	NE.	9	E.	5
14	NE.	3	N.	4	N.	6	N.	6	N.	7	N.	9	N.	8	N.	3	N.	1	N.	2	SE.	5	S.	7	S.	9
15	N.	19	N.	18	N.	18	N.	14	*SE.*	4	NE.	1	NE.	1	NE.	3	*N.*	4	*NE.*	4	S.	14	S.	23	S.	25
16	*S.*	3	W.	2	NE.	4	N.	5	N.	5	*NW.*	3	N.	3	N.	7	N.	3	E.	7	SW.	15	S.	17	S.	23
17	SW.	21	SW.	14	SE.	8	SE.	5	N.	17	N.	25	N.	27	N.	25	N.	24	N.	21	N.	24	N.	25	N.	30
18	N.	10	N.	9	N.	6	NE.	3	N.	9	*NW.*	11	N.	13	N.	12	N.	19	N.	20	N.	25	NE.	27	N.	29
19	*SW.*	3	*W.*	6	N.	22	N.	8	N.	8	N.	10	N.	11	N.	15	N.	14	N.	7	N.	2	*NE.*	3	N.	8
20	NE.	3	N.	5	N.	7	N.	5	N.	7	N.	5	N.	5	N.	6	N.	7	N.	2	*S.*	4	SE.	6	SE.	8
21	*SE.*	3	*N.*	4	*E.*	4	*S.*	4	NW.	4	NW.	4	NW.	6	NW.	4	NW.	3	NW.	3	NW.	1	*NE.*	2	*SE.*	5
22	N.	8	N.	8	N.	10	N.	9	N.	9	N.	8	N.	9	N.	8	N.	6	N.	5	N.	3	NE.	1	E.	4
23	*NE.*	4	NW.	5	N.	10	N.	11	NW.	21	NW.	20	NW.	18	*SE.*	5	NE.	2	SW.	5	S.	7	S.	5	S.	7
24	NE.	3	*NE.*	3	N.	4	N.	4	N.	6	N.	7	N.	8	N.	7	N.	7	*NE.*	2	*SE.*	6	*S.*	9	SE.	10
25	*NE.*	5	N.	5	N.	4	SW.	3	N.	3	N.	4	N.	8	N.	7	N.	5	N.	5	SE.	4	SE.	10	SE.	18
26	*E.*	2	SE.	5	S.	2	N.	2	N.	3	N.	6	N.	8	N.	7	N.	8	*NE.*	2	E.	4	S.	13	S.	24
27	*E.*	6	NW.	7	NE.	6	N.	7	N.	4	S.	6	*NW.*	4	N.	4	N.	3	SE.	9	E.	24	S.	29	S.	23
28	*SW.*	6	S.	3	*N.*	4	*SE.*	6	W.	4	SE.	2	SE.	3	S.	7	S.	17	S.	18	S.	22	S.	25	S.	22
29	SW.	14	SW.	13	NW.	18	E.	10	SW.	6	NW.	3	S.	4	S.	2	S.	3	SE.	4	SE.	14	S.	17	S.	12
30	N.	6	N.	8	N.	12	N.	15	N.	16	NW.	25	NW.	29	N.	21	N.	29	N.	35	N.	31	N.	27	N.	30
Mean	N.	8.0	N.	8.1	N.	9.1	N.	8.7	N.	8.7	N.	8.6	N.	8.9	N.	8.8	N.	9.0	N.	8.8	SE.	11.5	S.	13.7	S.	16.2

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [April, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	33	30	28	28	27	24	23	*24*	31	38	44	48	52	*54*	56	57	59	58	56	*53*	49	48	43	43	41.9	59	22
2	42	43	38	39	37	38	37	*42*	42	*46*	48	52	58	*63*	66	66	67	66	65	*61*	57	54	51	48	51.0	68	34
3	46	36	33	33	31	29	27	*26*	28	33	36	39	41	*43*	44	45	47	41	49	*47*	44	40	37	33	38.2	52	24
4	29	26	24	20	22	23	22	*22*	27	28	29	37	39	*41*	43	44	44	45	45	*44*	40	37	32	32	33.1	45	20
5	34	34	32	30	31	29	25	*25*	28	36	39	43	47	*50*	54	55	56	54	54	*54*	52	49	46	44	41.7	56	23
6	42	38	35	40	32	38	34	*37*	45	51	55	57	59	*61*	62	64	65	64	64	*63*	58	53	46	43	50.2	66	31
7	38	42	38	37	38	44	45	*44*	46	55	58	61	63	*65*	67	67	68	67	67	*66*	64	61	59	58	54.9	69	35
8	55	50	51	51	49	47	45	*46*	45	39	39	38	37	*38*	37	37	34	32	34	*33*	32	32	33	32	40.2	46	33
9	31	30	28	25	22	20	18	*17*	21	*29*	34	37	40	*44*	50	53	54	56	56	*54*	51	48	48	39	37.7	56	17
10	40	42	45	45	47	48	48	*50*	50	51	52	55	58	*60*	63	64	65	65	64	*61*	57	53	48	50	53.3	66	38
11	43	42	38	39	38	40	42	*41*	48	57	62	64	65	*66*	68	69	70	68	67	*64*	63	58	61	58	55.5	70	35
12	56	50	43	47	48	46	44	*43*	39	41	42	43	42	*40*	40	40	38	38	38	*38*	37	*36*	35	34	41.6	44	38
13	35	34	34	34	34	33	33	*33*	33	35	37	38	42	*43*	43	42	43	43	42	*39*	37	35	34	32	37.0	45	33
14	30	27	26	25	26	26	27	*32*	40	50	54	56	58	*62*	63	65	66	65	66	*63*	62	56	53	50	47.8	66	24
15	45	43	42	41	39	37	33	*32*	37	47	49	52	53	*57*	59	61	62	61	59	*59*	54	54	53	49	49.1	63	32
16	48	45	40	40	38	39	37	*40*	41	*56*	59	62	64	*66*	67	67	68	66	63	*63*	61	58	58	57	54.3	69	34
17	56	56	56	54	44	41	38	*36*	35	32	30	30	30	*32*	33	34	33	32	33	*33*	33	32	31	32	37.3	36	30
18	30	31	30	30	29	30	32	*31*	31	33	37	40	44	*49*	48	48	49	48	47	*46*	43	40	38	37	38.4	50	29
19	35	38	32	31	31	31	31	*32*	33	35	37	38	38	*39*	42	44	45	48	49	*48*	45	*42*	40	39	38.5	50	28
20	35	31	31	31	30	30	33	*34*	40	48	52	55	56	*57*	59	60	61	61	61	*60*	55	52	50	47	47.0	62	28
21	43	38	37	37	35	31	32	*34*	35	43	48	53	58	*64*	66	62	64	64	62	*60*	59	54	49	47	49.0	67	30
22	44	46	42	44	44	45	45	*47*	50	55	59	63	65	*67*	67	67	67	67	67	*66*	63	61	59	56	56.5	68	40
23	50	53	57	53	56	56	55	*52*	57	*60*	62	63	64	*65*	65	66	64	65	67	*66*	59	56	52	49	58.8	68	50
24	47	44	41	40	38	38	36	*39*	46	56	60	62	64	*66*	68	72	69	69	70	*66*	60	58	52	48	54.5	73	35
25	44	44	42	39	40	35	34	*37*	49	51	55	59	62	*63*	64	65	66	67	65	*64*	59	58	53	55	52.9	67	34
26	50	50	48	44	42	41	39	*41*	48	50	59	64	66	*68*	71	73	74	69	69	*66*	64	59	62	59	57.3	75	39
27	51	50	49	45	44	45	42	*38*	48	49	51	52	54	*57*	60	64	66	68	67	*68*	66	65	61	58	54.9	69	37
28	57	49	46	49	47	47	49	*55*	59	61	62	63	65	*67*	68	68	68	66	58	*59*	54	51	48	46	56.8	69	46
29	45	43	37	35	34	34	33	*30*	36	42	46	47	48	*49*	50	51	52	53	51	*48*	48	47	47	47	43.9	54	27
30	46	45	43	41	41	40	41	*37*	39	*37*	34	37	41	*41*	43	40	43	40	40	*41*	40	39	38	38	40.2	44	34
Mean	42.7	41.0	38.9	38.2	37.1	36.8	35.9	36.6	40.2	44.8	47.6	50.3	52.4	54.6	56.2	57.0	57.6	57.2	56.5	55.1	52.2	49.5	47.2	45.3	47.1	59.7	32.0

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[April, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.	Direction.
1	NW.	25	NW.	19	NW.	26	NW.	19	*W.*	12	N.	14	NE.	12	N.	6	NW.	5	NE.	4	N.	4	31	NW.
2	SE.	9	S.	11	NW.	34	*NW.*	23	W.	25	W.	30	W.	23	NW.	19	NW.	21	NW.	28	N.	25	40	NW.
3	S.	28	S.	27	SE.	25	SE.	21	*SW.*	20	NW.	23	NW.	18	SW.	15	SE.	6	SW.	4	W.	3	45	NE.
4	SE.	17	SE.	17	SE.	16	SE.	13	SE.	11	*S.*	8	SE.	8	SE.	5	S.	3	S.	1	NE.	4	20	SE.
5	S.	12	S.	15	SE.	18	SE.	14	SE.	11	SE.	9	*E.*	5	E.	2	SE.	3	*SE.*	4	N.	5	20	SE.
6	S.	8	S.	12	SE.	15	SE.	12	SE.	12	SE.	9	SE.	8	*S.*	4	N.	5	N.	7	N.	8	18	S.
7	SE.	10	SE.	8	W.	9	W.	7	W.	20	W.	12	SW.	9	W.	6	W.	5	W.	7	W.	8	28	W.
8	N.	29	N.	26	N.	20	NW.	20	NW.	14	NW.	14	NW.	17	N.	10	N.	10	N.	10	N.	14	34	N.
9	E.	6	E.	8	S.	5	S.	9	S.	4	N.	12	N.	14	N.	7	SE.	4	*S.*	4	*N.*	3	16	N.
10	S.	17	S.	14	SE.	13	SE.	14	SE.	12	SE.	13	SE.	8	SE.	4	N.	4	N.	7	N.	8	21	SE.
11	S.	14	S.	18	SE.	17	SE.	18	S.	18	S.	17	SE.	13	S.	9	S.	6	NW.	5	N.	7	22	SE.
12	N.	40	N.	38	N.	35	N.	30	N.	28	N.	25	N.	24	N.	26	N.	24	N.	20	N.	18	50	N.
13	S.	5	SE.	8	SE.	10	S.	8	S.	6	SE.	7	S.	11	SE.	8	SE.	4	E.	3	NE.	4	21	N.
14	SE.	12	SE.	12	SE.	9	*E.*	8	W.	8	W.	12	W.	20	*SW.*	14	*NW.*	8	N.	16	NE.	18	29	W.
15	S.	27	S.	29	S.	31	S.	26	S.	22	S.	18	S.	15	S.	12	S.	9	S.	6	SE.	7	34	S.
16	S.	27	SW.	26	S.	24	SW.	25	SW.	26	SW.	25	SW.	16	*SW.*	20	W.	23	SW.	18	SW.	25	35	S.
17	N.	31	N.	36	N.	32	N.	32	N.	31	N.	30	N.	31	N.	27	N.	17	N.	10	N.	10	39	N.
18	N.	21	NE.	23	NE.	25	N.	21	N.	18	N.	21	N.	17	N.	6	N.	3	N.	5	N.	4	33	NE.
19	N.	13	N.	14	N.	15	N.	14	N.	15	N.	21	N.	23	N.	19	N.	10	N.	6	SE.	4	30	N.
20	SE.	8	SE.	10	SE.	11	S.	10	S.	10	S.	8	S.	10	S.	8	E.	7	SE.	1	C.	0	16	S.
21	S.	8	S.	14	*SW.*	15	N.	9	NE.	14	N.	12	*SW.*	10	S.	10	S.	3	*NW.*	5	N.	8	44	W.
22	SE.	9	S.	12	SW.	13	S.	10	SE.	8	S.	12	W.	15	W.	13	NW.	15	NW.	10	*N.*	3	20	W.
23	S.	9	*SE.*	9	NE.	7	SW.	10	NW.	19	W.	15	*W.*	13	NW.	13	E.	5	E.	4	NE.	2	28	NW.
24	*S.*	11	SE.	13	S.	11	*NW.*	19	NE.	14	E.	9	*NE.*	11	N.	15	*NE.*	9	N.	6	N.	5	26	NE.
25	SE.	20	S.	20	*SE.*	20	*S.*	17	*S.*	17	*S.*	17	*SE.*	16	*SE.*	9	S.	5	S.	3	S.	1	24	S.
26	*SE.*	22	S.	20	S.	21	SW.	25	SW.	37	SW.	31	W.	24	SW.	18	NW.	14	W.	12	W.	9	42	SW.
27	S.	21	S.	17	S.	18	S.	20	S.	20	*SE.*	24	*S.*	22	SW.	23	SW.	18	*E.*	13	SE.	10	29	S.
28	S.	28	S.	34	SW.	31	*S.*	26	SW.	21	SW.	20	SW.	24	SW.	25	SW.	21	SW.	23	*W.*	20	40	S.
29	S.	19	S.	19	S.	17	SE.	13	SE.	14	S.	11	S.	13	W.	4	NW.	7	N.	12	N.	11	29	S.
30	N.	46	N.	45	N.	41	N.	36	N.	37	N.	30	N.	18	N.	18	N.	13	NW.	6	N.	8	52	N.
Mean	S.	13.4	S.	19.1	SE.	19.5	*S.*	17.7	*S.*	17.5	*N.*	17.0	N.	15.6	N.	12.2	N.	9.6	N.	8.7	N.	8.5	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

May, 1894.] [Seventy-fifth

Day	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.08	1.08	1.09	1.10	1.11	1.12	1.13	*1.14*	1.12	1.12	1.11	1.10	1.07	*1.04*	1.01	.98	.95	.93	.93	*.93*	.94	.94	.94	.94	1.04	1.14	.93
2	.94	.95	.95	.94	.94	.95	.95	*.96*	.96	.97	.97	.97	.98	*.97*	.97	.97	.97	.98	1.00	*1.02*	1.04	1.06	1.08	1.09	.98	1.09	.94
3	1.11	1.15	1.17	1.16	1.16	1.16	1.17	*1.18*	1.18	1.18	1.16	1.15	1.12	*1.08*	1.06	1.03	1.02	1.02	1.02	*1.01*	1.04	1.05	1.06	1.07	1.10	1.18	1.01
4	1.07	1.08	1.08	1.07	1.06	1.06	1.06	*1.07*	1.07	1.06	1.04	1.01	1.00	*.98*	.94	.92	.89	.87	.87	*.87*	.88	.89	.90	.90	.98	1.08	.87
5	.89	.89	.89	.88	.88	.87	.86	*.86*	.86	.85	.84	.83	.82	*.81*	.81	.81	.81	.82	.84	*.85*	.88	.92	.94	.95	.86	.95	.81
6	.96	.96	.96	.96	.96	.96	.96	*.97*	.98	.97	.97	.96	.95	*.93*	.92	.91	.89	.88	.89	*.89*	.91	.94	.95	.96	.94	.98	.88
7	.98	.99	.99	1.00	1.01	1.02	1.05	*1.08*	1.09	*1.10*	1.09	1.08	1.08	*1.07*	1.06	1.05	1.04	1.04	1.04	*1.04*	1.04	1.05	1.06	1.06	1.05	1.10	.98
8	1.06	1.05	1.05	1.05	1.05	1.05	1.05	*1.05*	1.04	1.02	1.00	.98	.96	*.95*	.92	.90	.88	.86	.85	*.84*	.86	.86	.87	.87	.96	1.06	.84
9	.86	.85	.84	.84	.84	.85	.86	*.88*	.88	.87	.87	.87	.86	*.84*	.89	.90	.88	.89	.91	*.96*	.97	.98	1.02	1.06	.90	1.06	.84
10	1.11	1.14	1.15	1.19	1.22	1.23	1.25	*1.28*	1.28	1.27	1.25	1.25	1.24	*1.23*	1.20	1.18	1.16	1.15	1.16	*1.17*	1.17	1.18	1.18	1.19	1.20	1.28	1.11
11	1.19	1.18	1.17	1.17	1.17	1.16	1.16	*1.16*	1.16	1.16	1.16	1.15	1.14	*1.12*	1.11	1.09	1.08	1.08	1.07	*1.08*	1.10	1.13	1.14	1.15	1.14	1.19	1.07
12	1.15	1.15	1.15	1.16	1.16	1.16	1.17	*1.18*	1.19	1.19	1.18	1.17	1.16	*1.15*	1.14	1.14	1.14	1.14	1.17	*1.16*	1.15	1.15	1.15	1.15	1.16	1.19	1.14
13	1.15	1.14	1.14	1.13	1.14	1.14	1.14	*1.14*	1.14	1.14	1.13	1.12	1.11	*1.08*	1.07	1.08	1.07	1.06	1.09	*1.12*	1.12	1.12	1.12	1.11	1.12	1.15	1.06
14	1.10	1.09	1.07	1.06	1.05	1.03	1.02	*1.02*	1.02	*1.02*	1.02	1.00	.98	*.94*	.93	.90	.87	.83	.81	*.80*	.81	.83	.83	.83	.95	1.10	.80
15	.83	.82	.82	.81	.80	.79	.78	.77	.77	.77	.76	.75	.72	*.68*	.65	.61	.57	.56	.55	*.53*	.60	.62	.65	.67	.70	.83	.55
16	.70	.70	.73	.74	.76	.78	.80	*.80*	.80	.80	.80	.80	.79	*.77*	.78	.78	.79	.80	.81	*.81*	.84	.87	.88	.90	.79	.90	.70
17	.90	.90	.91	.92	.93	.92	.93	*.96*	.97	1.00	1.01	1.02	1.03	*1.04*	1.04	1.04	1.03	1.04	1.06	*1.09*	1.13	1.18	1.22	1.23	1.02	1.23	.90
18	1.24	1.25	1.26	1.27	1.28	1.30	1.31	*1.32*	1.34	1.35	1.35	1.35	1.34	*1.31*	1.30	1.28	1.25	1.22	1.22	*1.23*	1.23	1.24	1.26	1.26	1.28	1.35	1.22
19	1.25	1.24	1.23	1.22	1.22	1.21	1.20	*1.19*	1.18	1.17	1.16	1.13	1.10	*1.08*	1.07	1.05	1.01	.97	.96	*.95*	.95	.96	.97	.98	1.10	1.25	.95
20	.98	.99	.99	.98	.97	.97	.97	*.97*	.97	.97	.97	.96	.96	*.93*	.92	.90	.87	.85	.88	*.91*	.93	.95	1.00	1.02	.95	1.02	.85
21	1.02	1.02	1.03	1.03	1.04	1.05	1.07	*1.07*	1.06	*1.05*	1.03	1.02	.99	*.98*	.97	.96	.94	.93	.92	*.92*	.93	.96	1.01	1.02	1.00	1.07	.92
22	1.03	1.04	1.04	1.04	1.04	1.04	1.04	*1.04*	1.03	1.03	1.03	1.02	1.02	*1.00*	.99	.97	.97	.97	.99	*1.04*	1.09	1.13	1.15	1.15	1.04	1.15	.97
23	1.16	1.16	1.17	1.16	1.16	1.16	1.16	*1.17*	1.17	1.17	1.16	1.16	1.16	*1.16*	1.15	1.15	1.15	1.15	1.15	*1.17*	1.17	1.18	1.19	1.20	1.16	1.20	1.15
24	1.20	1.19	1.19	1.18	1.18	1.18	1.18	*1.18*	1.18	1.17	1.16	1.16	1.16	*1.14*	1.13	1.13	1.10	1.08	1.09	*1.10*	1.11	1.12	1.13	1.13	1.15	1.20	1.08
25	1.14	1.15	1.15	1.13	1.11	1.11	1.11	*1.11*	1.11	1.11	1.10	1.09	1.08	*1.07*	1.08	1.08	1.07	1.09	1.07	*1.06*	1.06	1.06	1.07	1.06	1.09	1.15	1.06
26	1.05	1.04	1.03	1.02	1.02	1.02	1.02	*1.03*	1.03	1.04	1.04	1.04	1.02	*1.02*	1.02	1.02	1.02	1.04	1.05	*1.06*	1.09	1.10	1.13	1.14	1.04	1.14	1.02
27	1.14	1.15	1.15	1.14	1.14	1.15	1.16	*1.16*	1.15	1.15	1.15	1.13	1.12	*1.10*	1.09	1.08	1.07	1.05	1.03	*1.04*	1.05	1.09	1.10	1.10	1.11	1.16	1.03
28	1.10	1.09	1.10	1.10	1.10	1.10	1.10	*1.10*	1.10	*1.09*	1.08	1.06	1.04	*1.00*	.99	.98	.98	.97	.96	*.92*	.93	.96	.99	1.00	1.03	1.10	.92
29	1.01	1.02	1.03	1.03	1.01	.98	.96	*.94*	.94	.94	.94	.94	.96	*.94*	.92	.91	.91	.91	.91	*.91*	.95	.94	.95	.95	.95	1.03	.91
30	.96	.98	1.00	.99	.99	.98	.98	*.98*	.97	.98	.98	.99	1.00	*1.00*	1.02	1.01	1.01	1.01	1.00	*1.01*	1.02	1.04	1.05	1.05	1.00	1.05	.96
31	1.06	1.06	1.06	1.06	1.07	1.07	1.08	*1.09*	1.10	1.10	1.10	1.09	1.11	*1.13*	1.13	1.15	1.16	1.17	1.19	*1.21*	1.22	1.22	1.23	1.24	1.13	1.24	1.06
Mean	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.06	1.06	1.06	1.05	1.04	1.03	1.02	1.01	1.00	.98	.98	.98	.99	1.01	1.02	1.04	1.05	1.03	1.12	.95

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

May, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	N.	7	N.	3	N.	2	N.	5	N.	4	N.	6	N.	5	N.	7	N.	4	N.	2	SE.	5	S.	6	SE.	6
2	N.	6	N.	5	*S.*	4	*NW.*	5	E.	4	NE.	5	NE.	4	N.	6	N.	4	NW.	3	E.	5	N.	23	N.	26
3	NE.	20	N.	19	NE.	9	E.	5	E.	3	SE.	7	SE.	12	SE.	12	SE.	12	S.	17	S.	19	S.	25	S.	25
4	N.	7	N.	5	N.	7	N.	7	N.	11	N.	9	N.	7	N.	8	N.	5	N.	3	N.	4	*E.*	8	NW.	11
5	N.	5	W.	5	N.	4	NW.	4	SW.	3	NW.	5	NE.	5	NE.	8	SW.	3	SE.	8	S.	8	SE.	9	S.	6
6	W.	7	W.	6	W.	4	NW.	3	NW.	5	N.	10	N.	11	N.	21	N.	19	N.	23	NW.	20	N.	24	NW.	17
7	*E.*	7	NW.	11	NW.	9	*NE.*	2	*SW.*	3	*W.*	4	*NW.*	6	N.	10	N.	7	N.	7	N.	4	S.	8	S.	13
8	SE.	12	SE.	13	SE.	17	*W.*	6	S.	2	N.	4	N.	4	N.	5	N.	4	N.	2	E.	2	E.	3	S.	8
9	NW.	26	N.	8	NW.	26	NW.	17	NW.	11	N.	9	N.	8	N.	7	N.	8	N.	3	S.	4	S.	4	NW.	6
10	N.	22	N.	17	N.	15	N.	17	NE.	17	NE.	12	NE.	13	NE.	10	N.	5	N.	3	SW.	5	S.	9	S.	13
11	*E.*	4	N.	4	N.	5	N.	4	N.	4	N.	4	N.	7	N.	6	N.	3	*SE.*	2	*E.*	3	SE.	4	S.	6
12	NW.	5	N.	7	N.	8	N.	8	N.	8	N.	9	N.	11	N.	10	N.	10	N.	8	N.	4	E.	7	SE.	10
13	N.	5	N.	8	N.	6	N.	3	S.	3	W.	4	N.	7	N.	8	N.	6	N.	2	NE.	3	E.	4	E.	5
14	N.	5	N.	5	N.	4	N.	7	N.	7	N.	6	N.	7	N.	5	N.	4	N.	3	S.	3	S.	7	S.	13
15	SE.	3	N.	4	N.	5	N.	5	S.	4	SE.	8	SE.	14	SE.	10	S.	14	S.	19	S.	20	SW.	19	S.	26
16	W.	22	W.	23	W.	20	*W.*	11	NW.	12	NW.	15	N.	20	NW.	18	N.	21	N.	26	NW.	28	NW.	24	W.	14
17	NW.	19	NW.	27	N.	16	N.	11	*N.*	19	NW.	36	NW.	28	NW.	23	NW.	22	*NE.*	11	E.	7	S.	10	S.	8
18	N.	17	N.	14	N.	14	N.	12	N.	11	N.	9	N.	10	N.	14	N.	13	N.	12	N.	7	W.	3	SE.	3
19	SE.	15	SE.	16	SE.	12	SE.	9	SE.	6	0.	0	NE.	3	NE.	2	SE.	4	S.	3	SE.	5	SE.	3	SE.	4
20	N.	8	N.	4	N.	8	N.	9	N.	9	N.	7	N.	5	N.	5	N.	5	N.	2	S.	6	SE.	9	SE.	7
21	N.	6	*E.*	4	SE.	3	E.	4	E.	5	SE.	3	SE.	2	SE.	1	SE.	4	S.	2	S.	2	E.	4	S.	7
22	E.	6	E.	8	*E.*	5	SE.	3	SE.	2	*NE.*	5	NE.	6	N.	6	N.	6	NE.	5	NE.	3	E.	4	SE.	5
23	N.	7	N.	6	N.	3	*NW.*	5	N.	6	N.	6	N.	5	N.	7	N.	6	N.	8	N.	7	N.	6	N.	5
24	SE.	3	SE.	2	SE.	1	SE.	3	*NE.*	6	N.	7	N.	7	N.	5	NE.	4	NE.	4	E.	3	SE.	8	S.	8
25	S.	2	N.	14	W.	7	W.	5	W.	7	N.	6	N.	5	N.	7	N.	5	N.	2	E.	4	SE.	7	S.	11
26	NW.	18	*NW.*	13	N.	6	N.	4	N.	2	N.	3	N.	4	N.	5	N.	3	N.	2	E.	4	SE.	5	SW.	6
27	N.	7	N.	6	N.	7	N.	6	N.	8	N.	6	N.	5	N.	8	N.	8	*SE.*	4	SE.	7	S.	7	SE.	12
28	N.	5	N.	6	*S.*	5	*SE.*	3	N.	4	N.	3	N.	4	N.	7	N.	6	NE.	2	N.	2	*SE.*	2	S.	4
29	S.	3	E.	5	*S.*	6	E.	5	W.	2	*NE.*	3	N.	7	N.	7	N.	5	S.	4	N.	14	NE.	13	S.	14
30	N.	11	N.	21	E.	8	N.	7	*SW.*	6	N.	10	N.	19	N.	13	N.	15	N.	12	E.	6	E.	4	NW.	10
31	*NW.*	5	*NE.*	2	N.	4	N.	4	N.	4	NW.	3	*NW.*	6	E.	16	E.	14	E.	11	S.	5	*S.*	3	W.	8
Mean	N.	9.5	N.	9.4	N.	8.1	N.	6.5	N.	6.3	N.	7.3	N.	8.3	N.	8.9	N.	8.0	N.	6.6	S.	7.1	S.	8.8	S.	10.2

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [May, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	38	36	34	33	32	30	30	*33*	38	42	44	47	52	*55*	58	61	62	64	63	*63*	60	60	54	48	47.3	63	29
2	45	43	47	47	49	47	47	*47*	50	56	57	54	54	*55*	54	52	51	51	51	*50*	50	49	47	42	49.8	61	42
3	40	40	39	38	38	38	38	*38*	38	38	41	44	48	*51*	55	57	59	62	59	*57*	56	*53*	48	45	46.7	62	37
4	45	41	41	37	39	38	40	*43*	52	59	64	65	66	*67*	69	69	70	70	71	*68*	66	63	60	57	56.7	72	36
5	55	52	51	51	49	49	53	*53*	55	58	63	66	67	*71*	74	73	72	72	71	*70*	67	65	62	61	61.6	74	48
6	62	58	57	55	55	52	55	*58*	60	62	64	67	69	*70*	73	74	75	74	74	*72*	69	66	65	64	64.6	76	50
7	64	44	59	56	55	54	51	*53*	58	*61*	63	63	64	*65*	67	68	68	67	67	*66*	64	63	60	59	61.6	70	50
8	57	54	52	50	47	43	41	*44*	52	58	63	70	71	*73*	74	75	73	74	72	*70*	67	64	60	65	61.2	74	39
9	63	62	62	64	58	54	54	*54*	61	68	67	69	71	*68*	60	59	61	60	58	*52*	49	50	50	48	59.6	71	51
10	44	43	42	39	38	38	37	*37*	38	40	40	41	44	*46*	49	51	51	49	48	*48*	48	48	48	46	43.9	51	35
11	46	43	41	39	39	38	37	*38*	45	54	58	63	67	*71*	73	75	75	75	73	*70*	68	65	66	61	57.5	76	35
12	59	55	53	55	52	48	47	*52*	59	63	72	74	76	*74*	74	74	73	74	69	*69*	69	65	60	59	63.5	77	46
13	56	58	58	55	53	53	50	*56*	62	72	75	75	76	*77*	74	76	75	68	68	*63*	59	57	56	53	63.5	78	48
14	51	50	47	47	46	49	49	*51*	53	*59*	65	69	73	*74*	78	79	78	80	77	*76*	74	70	68	64	63.6	80	45
15	58	54	52	52	53	59	59	*64*	67	68	70	72	74	*75*	77	77	77	74	73	*70*	69	67	64	61	66.1	77	49
16	57	56	53	51	51	49	48	*49*	51	53	55	58	60	*61*	62	63	63	62	61	*60*	58	57	56	54	56.2	64	48
17	54	54	53	52	53	52	53	*55*	59	60	61	62	64	*65*	68	69	60	69	69	*65*	58	55	53	50	59.2	69	50
18	48	46	45	44	44	43	42	*43*	43	44	46	46	49	*51*	53	55	57	58	57	*57*	54	52	50	48	49.6	59	42
19	47	46	43	41	38	37	34	*41*	41	44	46	52	55	*57*	58	62	67	69	69	*68*	67	64	62	53	52.5	71	34
20	53	52	57	45	46	46	45	*49*	57	67	68	72	75	*77*	76	77	78	75	73	*72*	69	66	64	58	62.8	80	45
21	55	52	51	49	47	43	41	*42*	44	*49*	*54*	57	59	*62*	63	64	65	67	68	*68*	65	55	55	53	55.3	68	42
22	52	51	50	50	50	49	48	*48*	49	50	51	53	55	*56*	58	58	55	51	49	*43*	42	39	39	39	49.4	60	43
23	38	36	35	36	36	37	38	*39*	39	41	42	45	46	*48*	49	49	49	49	49	*48*	47	47	46	46	43.1	50	34
24	44	43	42	40	39	38	40	*43*	47	51	53	53	54	*56*	57	59	60	61	60	*59*	58	57	56	54	51.0	62	37
25	53	49	48	49	49	47	48	*49*	53	59	60	60	61	*61*	58	58	59	53	59	*61*	59	57	54	57	55.0	64	46
26	56	54	50	51	48	47	46	*49*	57	61	63	65	68	*70*	70	72	68	71	70	*68*	66	62	59	56	60.3	73	45
27	56	52	51	50	49	52	56	*55*	58	61	63	67	69	*71*	72	72	72	75	74	*73*	72	67	62	57	62.4	76	47
28	57	52	52	52	49	51	48	*54*	57	*63*	69	70	73	*77*	79	75	73	72	71	*75*	71	65	62	62	63.7	79	47
29	58	57	55	54	54	51	50	*51*	57	60	67	69	70	*70*	70	70	67	68	68	*62*	58	64	58	57	60.6	71	49
30	58	52	47	51	50	52	51	*50*	51	51	50	49	51	*50*	49	48	49	48	48	*48*	47	46	46	46	49.5	52	45
31	46	46	46	47	45	45	46	*46*	46	47	46	47	48	*50*	48	48	46	46	46	*46*	45	45	45	44	46.2	50	45
Mean	52.1	50.0	48.5	47.7	47.0	46.2	45.7	47.7	51.5	55.5	58.1	60.1	62.2	63.7	64.5	65.1	65.1	64.8	64.0	62.5	60.4	57.8	56.0	53.8	56.2	68.1	43.2

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[May, 1894.

Day.	1-2h		2-3h		3-4h		4-5h		5-6h		6-7h		7-8h		8-9h		9-10h		10-11h		11-Mid.		Max.	Direction.
1	S.	16	SE.	20	S.	28	S.	27	S.	19	S.	19	*SE.*	12	S.	6	S.	3	SW.	3	*NW.*	4	32	S.
2	N.	22	N.	25	N.	24	N.	26	N.	23	N.	20	N.	16	N.	17	N.	18	N.	21	N.	22	29	N.
3	S.	24	S.	26	S.	27	S.	24	S.	22	S.	16	SE.	12	SE.	10	*SE.*	4	N.	4	N.	5	31	S.
4	W.	13	W.	15	*NW.*	17	NW.	20	NW.	8	W.	11	NW.	17	NW.	13	NW.	12	W.	4	W.	4	33	W.
5	SE.	7	S.	7	NW.	31	NW.	31	NW.	27	NW.	22	NW.	19	NW.	21	NW.	12	NW.	14	NW.	11	40	NW.
6	NW.	17	NW.	17	NW.	18	NW.	20	NW.	22	NW.	21	NW.	20	NW.	18	NW.	18	NW.	19	NW.	18	31	NW.
7	S.	13	S.	15	S.	15	S.	18	S.	18	S.	17	S.	17	S.	14	S.	10	*SE.*	9	S.	12	22	SE.
8	S.	10	SE.	9	SE.	9	*W.*	9	SE.	5	*N.*	8	E.	10	S.	16	SE.	7	*N.*	4	*NW.*	15	30	SW.
9	*NE.*	6	*N.*	24	*W.*	17	*E.*	11	SE.	9	SE.	11	E.	10	*S.*	6	*SE.*	6	NW.	8	N.	23	34	NW.
10	S.	15	SE.	16	SE.	18	S.	20	S.	23	S.	21	SE.	18	S.	22	S.	20	S.	10	*SW.*	2	26	SE.
11	*E.*	9	E.	8	E.	8	S.	6	S.	5	*S.*	13	SE.	16	SE.	7	S.	5	E.	6	*W.*	5	22	SE.
12	E.	15	E.	14	E.	18	NW.	9	*W.*	8	*S.*	16	*NW.*	9	SW.	4	SW.	3	*NW.*	4	N.	7	36	SW.
13	E.	7	NW.	15	NW.	17	NW.	7	NW.	26	*W.*	23	SW.	26	*W.*	17	N.	4	N.	2	N.	3	38	NW.
14	S.	13	SE.	16	S.	18	SW.	26	SW.	23	SW.	18	W.	18	SW.	14	W.	14	SW.	6	SW.	6	37	SW.
15	S.	30	S.	25	SW.	32	SW.	35	SW.	37	SW.	24	SW.	30	SW.	22	SW.	29	SW.	23	W.	18	48	SW.
16	W.	19	NW.	21	NW.	34	NW.	30	NW.	37	NW.	29	NW.	30	NW.	20	NW.	20	NW.	26	NW.	21	46	NW.
17	*E.*	7	S.	7	*SW.*	8	S.	8	SE.	10	SE.	8	*SE.*	11	NE.	22	N.	14	N.	18	N.	17	43	NW.
18	S.	6	SE.	18	SE.	14	S.	15	S.	15	S.	18	S.	16	S.	17	S.	13	S.	13	SE.	13	20	S.
19	S.	3	S.	4	SE.	4	SE.	4	SE.	13	SE.	16	SE.	18	SE.	15	SE.	9	*SW.*	3	N.	6	23	SE.
20	SW.	11	S.	19	S.	23	S.	24	SE.	22	SE.	20	S.	12	S.	6	S.	4	S.	5	S.	10	28	SE.
21	S.	10	SE.	15	S.	15	S.	19	S.	16	S.	16	S.	13	SE.	15	SE.	17	*E.*	12	*E.*	6	22	S.
22	S.	7	SE.	10	SE.	14	SE.	10	S.	7	N.	13	N.	32	N.	20	N.	20	N.	14	N.	9	39	N.
23	*SE.*	4	N.	10	N.	11	N.	14	N.	14	N.	13	NE.	11	NE.	11	N.	9	N.	6	SE.	3	10	N.
24	S.	8	SE.	6	S.	7	S.	7	SE.	5	S.	6	*SW.*	9	S.	6	S.	5	SE.	4	S.	3	12	S.
25	S.	11	S.	10	SW.	12	SW.	7	NW.	11	NW.	10	NW.	5	W.	4	W.	4	NW.	5	NW.	11	25	N.
26	N.	15	N.	19	N.	12	N.	9	*W.*	8	NE.	9	SE.	7	N.	9	N.	4	N.	5	N.	7	25	NW.
27	SE.	16	S.	16	SE.	15	SE.	13	S.	16	SE.	15	S.	13	S.	11	NW.	5	N.	8	N.	9	20	S.
28	SE.	7	SE.	14	S.	16	S.	11	W.	8	NW.	11	W.	8	W.	8	*SE.*	4	E.	4	N.	3	21	SE.
29	S.	14	S.	18	S.	16	S.	15	*SE.*	13	SE.	9	NE.	11	W.	11	W.	21	W.	21	NW.	8	38	NW.
30	S.	22	E.	13	W.	7	N.	3	NW.	5	W.	6	NW.	7	NW.	8	SW.	5	NW.	3	NE.	2	26	N.
31	S.	11	*SE.*	8	SE.	14	*E.*	21	*SE.*	20	SE.	16	SE.	11	SE.	10	S.	11	*SE.*	10	S.	12	25	SE.
Mean	S.	12.5	S.	14.8	S.	16.7	S.	16.1	S.	16.0	S.	15.3	SE.	15.0	S.	12.7	S.	10.6	N.	9.5	N.	9.5	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

June, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.25	1.25	1.25	1.24	1.23	1.23	1.23	*1.23*	1.23	1.24	1.23	1.22	1.21	*1.19*	1.18	1.16	1.14	1.11	1.10	*1.10*	1.10	1.10	1.12	1.12	1.19	1.25	1.10
2	1.11	1.11	1.11	1.10	1.10	1.10	1.10	*1.10*	1.10	1.10	1.10	1.10	1.10	*1.10*	1.10	1.10	1.10	1.10	1.10	*1.10*	1.10	1.10	1.14	1.15	1.10	1.15	1.10
3	1.15	1.15	1.15	1.15	1.15	1.15	1.16	*1.16*	1.17	1.18	1.18	1.17	1.17	*1.15*	1.15	1.14	1.14	1.12	1.11	*1.11*	1.11	1.11	1.11	1.11	1.14	1.18	1.11
4	1.10	1.09	1.08	1.06	1.04	1.04	1.04	*1.03*	1.04	*1.04*	1.04	1.03	1.03	*1.01*	1.01	1.01	1.01	1.00	.99	*1.02*	.99	.99	.99	1.00	1.03	1.10	.99
5	1.03	1.06	1.09	1.10	1.10	1.11	1.12	*1.12*	1.12	1.12	1.12	1.13	1.12	*1.13*	1.15	1.15	1.16	1.16	1.17	*1.18*	1.20	1.20	1.20	1.20	1.14	1.20	1.03
6	1.20	1.20	1.19	1.18	1.17	1.17	1.17	*1.17*	1.17	1.17	1.16	1.15	1.14	*1.12*	1.09	1.07	1.05	1.03	1.02	*1.01*	1.01	1.02	1.03	1.03	1.11	1.20	1.01
7	1.03	1.02	1.01	1.01	1.01	1.02	1.02	*1.02*	1.03	1.03	1.01	1.00	.98	*.96*	.96	.93	.90	.90	.91	*.92*	.91	.91	.93	.94	.97	1.03	.90
8	.95	.94	.94	.94	.95	.95	.95	*.95*	.92	.91	.89	.88	.87	*.87*	.85	.84	.85	.86	.86	*.88*	.91	.95	.98	.99	.91	.99	.84
9	.99	.99	.97	.96	.96	.96	.98	*1.00*	1.01	1.01	1.01	1.01	1.00	*.99*	.97	.96	.93	.90	.90	*.92*	.93	.95	.98	.99	.97	1.01	.90
10	.99	.99	.98	.98	.97	.97	.97	*.97*	.98	.97	.96	.95	.94	*.92*	.90	.88	.83	.80	.79	*.79*	.79	.81	.87	.87	.91	.99	.79
11	.89	.90	.90	.90	.90	.90	.93	*.94*	.95	*.96*	.98	.96	.94	*.93*	.92	.92	.89	.88	.89	*.89*	.89	.93	.96	.98	.92	.98	.88
12	.99	1.00	1.02	1.02	1.02	1.02	1.04	*1.07*	1.07	1.07	1.07	1.07	1.05	*1.04*	1.03	1.02	1.00	.98	.97	*.98*	1.00	1.05	1.07	1.06	1.03	1.07	.97
13	1.05	1.05	1.03	1.02	1.01	1.01	1.02	*1.02*	1.02	1.03	1.03	1.02	1.00	*.99*	.99	.98	.95	.96	.96	*.96*	.98	1.00	1.03	1.03	1.01	1.05	.95
14	1.03	1.03	1.04	1.04	1.05	1.06	1.09	*1.11*	1.12	1.12	1.13	1.12	1.12	*1.11*	1.00	1.09	1.05	1.02	1.02	*1.04*	1.05	1.08	1.09	1.12	1.08	1.13	1.02
15	1.13	1.13	1.15	1.16	1.16	1.16	1.16	*1.17*	1.17	1.16	1.15	1.15	1.15	*1.12*	1.10	1.08	1.06	1.06	1.05	*1.08*	1.05	1.10	1.15	1.14	1.12	1.17	1.05
16	1.13	1.13	1.13	1.13	1.13	1.13	1.13	*1.13*	1.12	1.10	1.09	1.09	1.08	*1.08*	1.08	1.09	1.10	1.05	1.05	*1.05*	1.05	1.08	1.10	1.10	1.10	1.13	1 05
17	1.10	1.10	1.10	1.10	1.10	1.11	1.12	*1.12*	1.12	1.12	1.10	1.10	1.08	*1.06*	1.05	1.03	1.01	.99	.98	*.98*	.98	.99	1.00	1.00	1.06	1.12	.98
18	1.00	.99	.99	.97	.97	.97	.97	*.97*	.96	.94	.93	.93	.90	*.87*	.85	.83	.79	.78	.77	*.78*	.80	.81	.82	.81	.89	1.00	.77
19	.81	.81	.82	.82	.81	.80	.81	*.83*	.83	.84	.84	.82	.82	*.80*	.80	.79	.77	.77	.79	*.82*	.85	.90	.92	.93	.82	.93	.77
20	.95	.95	.95	.95	.97	.99	1.02	*1.03*	1.03	1.04	1.02	1.01	1.00	*.99*	.98	.97	.95	.95	.95	*.95*	.97	1.00	1.05	1.06	.99	1.06	.95
21	1.07	1.07	1.07	1.09	1.09	1.09	1.10	*1.11*	1.11	1.11	1.10	1.09	1.08	*1.07*	1.05	1.03	1.02	.99	.98	*.98*	.99	.99	1.04	1.05	1.06	1.11	.98
22	1.05	1.07	1.05	1.05	1.08	1.09	1.11	*1.11*	1.10	1.09	1.07	1.07	1.04	*1.02*	.99	.97	.95	.93	.90	*.90*	.91	.93	.95	.96	1.02	1.11	.90
23	.97	.99	.99	.99	1.00	1.02	1.03	*1.04*	1.04	1.03	1.02	1.02	1.01	*1.00*	.99	.98	.98	.97	.97	*.99*	1.02	1.03	1.07	1.09	1.01	1.09	.97
24	1.12	1.11	1.11	1.11	1.14	1.15	1.15	*1.14*	1.11	1.12	1.11	1.10	1.07	*1.06*	1.04	1.03	.99	.97	.97	*.97*	.96	.97	1.01	1.02	1.06	1.15	.96
25	1.03	1.02	1.03	1.05	1.06	1.07	1.08	*1.08*	1.06	*1.07*	1.04	1.04	1.03	*1.01*	.99	.98	.98	.97	.97	*.98*	.98	.99	1.00	1.02	1.02	1.08	.97
26	1.02	1.02	1.00	1.00	1.00	1.00	1.00	*1.00*	1.00	.99	.97	.96	.96	*.92*	.88	.87	.83	.80	.78	*.78*	.79	.80	.82	.85	.92	1.02	.78
27	.85	.86	.87	.87	.86	.87	.90	*.93*	.92	.91	.91	.89	.87	*.86*	*.86*	.87	.90	.92	.95	*.97*	1.01	1.04	1.07	1.08	.92	1.08	.85
28	1.12	1.12	1.12	1.13	1.14	1.16	1.18	*1.19*	1.19	1.18	1.17	1.17	1.15	*1.13*	1.10	1.06	1.02	1.02	1.02	*1.05*	1.05	1.07	1.08	1.09	1.11	1.19	1.02
29	1.10	1.13	1.13	1.13	1.14	1.16	1.17	*1.19*	1.21	1.21	1.21	1.19	1.17	*1.15*	1.11	1.11	1.06	1.05	1.05	*1.07*	1.07	1.08	1.10	1.10	1.13	1.21	1.05
30	1.10	1.09	1.09	1.09	1.09	1.11	1.13	*1.15*	1.15	1.16	1.15	1.14	1.13	*1.12*	1.09	1.09	1.07	1.08	1.10	*1.12*	1.13	1.15	1.17	1.19	1.12	1.19	1.07
Mean	1.04	1.05	1.04	1.04	1.05	1.05	1.06	1.07	1.07	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.98	.97	.97	.98	.99	1.00	1.03	1.04	1.03	1.10	.96

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

June, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	S.	11	S.	10	S.	9	SE.	12	S.	10	SE.	10	SE.	9	S.	9	SE.	9	SE.	7	SE.	7	SE.	5	S.	4
2	N.	2	N.	2	N.	2	N.	4	N.	6	N.	6	N.	6	N.	6	N.	3	N.	2	NE.	13	NE.	17	NE.	17
3	N.	5	N.	5	N.	5	NE.	4	N.	5	N.	5	N.	6	N.	7	N.	8	N.	6	E.	4	SE.	5	SE.	8
4	*NW.*	3	*S.*	3	N.	5	N.	6	N.	6	N.	6	N.	6	N.	6	N.	4	N.	1	*SE.*	4	*SW.*	4	S.	3
5	N.	8	N.	18	N.	14	N.	10	N.	7	N.	6	N.	5	N.	3	N.	4	N.	5	E.	6	S.	8	S.	11
6	S.	6	S.	12	S.	7	S.	9	S.	12	S.	15	S.	14	SE.	14	SE.	15	SE.	15	SE.	15	S.	14	S.	17
7	SE.	15	S.	13	SE.	12	SE.	8	*SE.*	2	N.	4	*S.*	4	*N.*	7	W.	17	W.	18	SE.	17	SE.	16	SE.	20
8	E.	6	E.	3	SE.	3	*E.*	6	*SE.*	2	SE.	4	S.	2	SE.	1	*S.*	3	E.	4	S.	7	SE.	7	S.	6
9	NW.	23	NW.	26	NW.	28	NW.	31	NW.	38	NW.	38	W.	23	E.	9	S.	12	S.	10	S.	5	E.	5	E.	8
10	SE.	6	SE.	3	N.	3	N.	4	N.	5	N.	8	N.	10	N.	8	E.	4	E.	3	E.	5	N.	11	SE.	22
11	*E.*	5	*W.*	6	*SW.*	11	*E.*	5	*N.*	4	N.	4	N.	5	*NE.*	4	N.	2	S.	5	SW.	4	SE.	6	SW.	16
12	S.	4	N.	5	N.	5	N.	6	N.	8	N.	8	N.	8	N.	4	*W.*	3	*NE.*	3	E.	4	E.	2	S.	5
13	*S.*	6	SE.	5	SE.	9	W.	3	W.	3	NW.	4	NW.	5	N.	5	NW.	2	NW.	2	E.	3	S.	5	S.	8
14	NE.	5	N.	5	N.	7	N.	8	N.	11	*NW.*	12	N.	12	N.	17	N.	21	N.	21	N.	21	N.	21	NE.	18
15	NW.	12	N.	5	N.	7	N.	11	W.	4	N.	6	N.	8	N.	9	N.	8	N.	3	S.	7	S.	10	S.	9
16	*NE.*	4	N.	3	N.	6	N.	4	N.	5	N.	3	N.	5	N.	2	N.	2	N.	2	*SE.*	4	S.	5	S.	7
17	N.	3	N.	5	N.	6	N.	8	N.	9	N.	8	N.	4	N.	4	N.	2	N.	2	E.	2	*SE.*	3	S.	5
18	N.	8	N.	10	N.	11	N.	10	*NW.*	14	*N.*	10	*W.*	6	N.	6	N.	4	N.	4	S.	8	S.	13	S.	15
19	N.	8	N.	9	N.	5	N.	8	NE.	8	N.	4	N.	5	N.	5	E.	8	SW.	17	SW.	18	SW.	23	SW.	20
20	*SE.*	4	N.	4	*SE.*	3	N.	3	N.	5	NW.	5	E.	6	N.	4	E.	3	N.	2	*SW.*	5	E.	9	*S.*	10
21	N.	17	N.	16	N.	17	N.	16	N.	8	N.	6	N.	7	N.	7	N.	5	N.	8	N.	8	E.	4	S.	8
22	N.	8	N.	4	N.	7	N.	9	E.	7	W.	4	N.	8	NE.	2	N.	3	NE.	8	E.	3	SE.	4	S.	5
23	N.	8	SW.	6	N.	3	N.	7	N.	5	N.	9	N.	6	N.	9	N.	9	N.	6	*W.*	7	NW.	11	*NE.*	* 10
24	N.	5	*NW.*	8	NW.	6	N.	6	S.	6	*NW.*	3	N.	5	N.	4	N.	2	S.	6	S.	19	S.	22	S.	25
25	N.	10	N.	12	N.	10	E.	4	S.	2	S.	2	*NE.*	4	N.	4	S.	9	S.	17	S.	17	S.	16	S.	15
26	N.	9	N.	9	N.	9	N.	10	N.	7	N.	6	N.	8	N.	8	N.	6	E.	3	E.	2	*SE.*	5	S.	5
27	W.	4	SW.	5	SW.	9	SW.	9	SW.	15	SW.	15	SW.	11	*W.*	11	NW.	13	NW.	14	NW.	22	NW.	20	NW.	18
28	NW.	16	W.	3	W.	5	*S.*	10	*SE.*	4	N.	6	N.	5	N.	8	N.	3	N.	3	S.	14	S.	20	S.	16
29	N.	8	N.	12	N.	10	N.	10	N.	8	N.	10	NW.	6	N.	4	N.	4	W.	4	SW.	4	S.	8	S.	10
30	N.	7	N.	11	N.	10	N.	8	N.	6	*SW.*	4	N.	7	N.	7	N.	4	NW.	3	S.	7	S.	8	E.	8
Mean	*N.*	7.9	N.	7.9	N.	8.0	N.	8.3	N.	7.7	N.	7.7	N.	7.2	N.	6.5	N.	6.4	N.	6.6	*E.*	8.8	S.	10.2	S.	11.6

* Interpolated; weak battery; see wind sheet.

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [June, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	44	44	44	44	43	43	43	*44*	44	44	44	47	49	*54*	56	58	58	59	59	*58*	56	54	53	52	49.8	60	42
2	51	50	49	50	53	50	53	*55*	62	67	67	68	69	*70*	70	69	68	67	63	*62*	57	57	57	55	60.0	71	47
3	55	55	54	53	52	50	51	*53*	58	63	65	67	67	*68*	68	67	66	66	66	*65*	64	61	59	58	60.5	69	50
4	57	55	53	52	52	51	49	*54*	61	*62*	66	71	74	*74*	75	67	68	70	71	*61*	64	67	61	66	62.5	76	49
5	65	61	59	56	52	53	*54*	59	63	65	66	66	66	*63*	60	58	57	55	50	*50*	49	49	48	48	57.0	68	50
6	49	49	49	50	49	49	48	*48*	47	47	48	50	53	*57*	60	58	64	62	63	*62*	59	57	55	53	53.6	64	48
7	52	52	52	52	52	51	50	*50*	47	48	50	54	56	*60*	62	64	62	55	53	*52*	52	52	51	51	53.3	64	47
8	50	49	48	47	46	46	46	*46*	48	50	52	58	60	*56*	60	60	60	59	58	*56*	52	50	49	48	52.2	62	44
9	46	46	47	46	45	46	46	*45*	48	50	53	57	58	*60*	64	66	69	67	67	*66*	63	60	59	57	55.5	70	44
10	54	52	49	46	45	43	44	*50*	53	56	62	64	65	*67*	69	72	75	78	79	*78*	74	69	71	64	61.6	79	42
11	60	61	59	57	53	52	48	*54*	55	*60*	65	70	75	*76*	78	78	78	79	79	*79*	76	70	65	62	66.2	80	47
12	60	56	54	52	50	50	48	*54*	60	65	67	71	72	*76*	77	78	78	78	79	*75*	73	68	65	65	65.5	80	47
13	63	61	59	57	55	53	53	*53*	57	63	65	68	74	*77*	76	76	78	78	76	*75*	71	69	67	63	66.1	78	51
14	60	57	56	62	63	60	58	*61*	61	63	64	67	68	*71*	70	72	74	74	73	*70*	65	62	59	62	64.7	75	54
15	61	58	58	56	53	52	49	*52*	58	61	61	61	64	*66*	65	68	65	64	65	*63*	62	59	56	54	59.7	69	48
16	52	50	50	47	48	45	45	*50*	55	60	60	63	65	*64*	62	63	63	67	67	*67*	65	60	57	54	57.5	68	45
17	55	51	49	47	46	46	45	*50*	57	61	64	67	72	*74*	75	76	77	78	76	*75*	72	72	63	60	62.8	80	46
18	56	53	57	61	65	65	62	*63*	68	*69*	74	77	79	*80*	82	82	83	82	83	*82*	80	73	71	61	71.2	84	53
19	57	58	61	58	56	54	53	*55*	66	68	69	70	71	*72*	74	74	75	74	72	*70*	67	65	62	60	65.0	75	51
20	59	56	53	51	53	52	47	*50*	55	59	63	67	69	*71*	72	73	74	73	73	*72*	70	68	64	62	62.8	75	47
21	64	61	60	59	56	54	50	*52*	60	64	68	68	69	*71*	73	74	74	75	75	*74*	71	69	64	62	65.3	74	48
22	59	61	57	55	57	56	53	*56*	56	60	62	62	67	*70*	73	75	76	78	77	*75*	72	67	62	59	64.4	79	53
23	56	57	54	56	53	55	55	*58*	63	69	73	75	76	*76*	77	77	77	79	74	*72*	70	67	64	62	66.5	80	51
24	59	61	56	53	53	51	48	*52*	60	65	68	70	71	*73*	74	76	77	76	75	*73*	69	67	66	62	64.8	78	47
25	59	56	56	55	54	50	47	*54*	61	*63*	64	65	67	*70*	71	75	75	74	73	*71*	68	65	59	56	62.8	76	46
26	54	52	52	50	48	48	46	*54*	60	66	71	70	76	*78*	79	82	83	83	84	*84*	81	78	75	71	67.7	84	45
27	69	72	72	70	70	68	64	*65*	67	67	68	70	71	*71*	74	75	75	72	72	*69*	68	65	64	63	69.2	76	63
28	61	58	60	53	49	46	44	*50*	56	62	66	68	70	*72*	77	79	79	78	77	*74*	74	70	62	65	64.6	82	43
29	60	56	62	64	62	58	61	*59*	64	70	74	75	79	*80*	83	83	83	83	82	*81*	77	75	75	68	71.4	84	54
30	61	57	71	69	65	62	66	*63*	70	78	80	83	84	*85*	87	89	88	86	85	*83*	81	74	70	66	75.1	90	54
Mean	56.9	55.5	55.4	54.4	53.4	51.9	50.8	53.5	57.9	61.4	63.9	66.3	68.5	70.0	71.4	72.1	72.6	72.3	71.5	69.8	67.4	64.6	61.8	59.6	62.6	75.0	48.5

WIND—DIRECTION AND VELOCITY (MILES PER HOUR)

Italics indicate additional directions.

[June, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.	Direction
1	W.	3	S.	4	S.	9	S.	10	S.	12	S.	11	S.	8	SE.	6	SE.	3	*N.*	3	N.	4	14	S.
2	NE.	15	N.	17	N.	14	N.	13	N.	12	N.	12	N.	6	*NW.*	10	*W.*	5	N.	3	*NE.*	9	22	NE.
3	S.	9	S.	12	S.	10	S.	11	S.	12	S.	12	*SE.*	10	SE.	7	SE.	7	S.	3	SE.	3	14	S.
4	SE.	7	S.	8	E.	16	SE.	5	NW.	4	W.	11	SW.	37	SW.	21	NW.	9	*NE.*	8	*W.*	7	49	SW.
5	S.	15	S.	9	E.	8	E.	5	N.	6	S.	7	SW.	5	SE.	5	SE.	4	SE.	3	S.	1	25	NE.
6	S.	15	S.	12	SE.	7	W.	7	SW.	14	S.	7	W.	21	SE.	22	SE.	20	SE.	18	SE.	18	27	W.
7	S.	24	S.	21	S.	17	SE.	23	SE.	22	S.	16	SE.	15	SE.	11	E.	8	E.	8	E.	5	26	SE.
8	W.	20	E.	13	W.	29	W.	20	W.	22	NW.	15	NW.	22	NW.	28	NW.	31	NW.	30	NW.	32	38	W.
9	S.	7	S.	8	SE.	11	S.	8	S.	14	S.	19	S.	21	S.	16	S.	9	E.	7	S.	8	48	NW.
10	S.	21	S.	18	S.	17	S.	16	S.	13	S.	19	S.	18	S.	12	S.	8	S.	17	SE.	12	24	S.
11	S.	22	S.	20	S.	18	S.	19	S.	19	S.	19	S.	15	S.	10	SW.	8	SW.	4	E	4	26	SW.
12	S.	13	S.	16	S.	14	S.	13	S.	13	S.	18	S.	17	S.	12	S.	16	S.	14	S.	13	26	S.
13	*SW.*	13	S.	17	S.	22	S.	17	S.	17	S.	18	SE.	20	SE.	21	SW.	11	*S.*	5	E.	4	26	S.
14	N.	12	N.	9	*W.*	6	E.	6	S.	10	S.	13	SE.	8	NE.	13	N.	4	N.	6	N.	10	26	N.
15	S.	11	S.	15	S.	17	S.	20	S.	17	NE.	5	N.	9	S.	9	E.	11	N.	17	N.	7	26	N.
16	S.	6	S.	6	S.	6	S.	4	N.	4	SE.	4	W.	3	W.	4	E.	1	N.	4	N.	5	10	S.
17	SE.	9	S.	11	S.	13	S.	15	S.	20	S.	21	S.	17	S.	9	E.	6	*SE.*	6	N.	7	26	S.
18	S.	13	S.	19	S.	20	S.	19	S.	18	S.	13	SW.	22	SW.	15	W.	7	W.	3	E.	4	28	S.
19	S.	22	S.	24	S.	23	S.	27	*SW.*	26	SW.	26	W.	21	W.	19	W.	11	W	9	*NE.*	10	35	SW.
20	SE.	10	SE.	13	SE.	15	SE.	13	SE.	15	SE.	14	S.	9	S.	6	N.	9	N.	16	N.	23	27	NE.
21	S.	12	S.	11	S.	11	S.	13	S.	13	S.	16	S.	17	S.	11	SE.	8	N.	7	N.	6	20	S.
22	S.	9	SE.	18	SE.	19	S.	19	S.	14	S.	13	S.	9	N.	10	N.	9	N.	11	NE.	6	23	SE.
23	E.	11	E.	13	W.	15	W.	20	NW.	18	N.	10	N.	7	N.	*7	N.	12	N.	8	N.	4	23	NW.
24	S.	26	S.	25	S.	22	S.	18	S.	17	S.	9	S.	11	*E.*	6	N.	6	N.	11	N.	12	30	S.
25	S.	16	S.	17	S.	14	*NE.*	9	E.	6	N.	8	NE.	5	*E.*	2	SE.	2	N.	4	N.	7	22	S.
26	S.	13	S.	23	S.	24	S.	21	S.	17	S.	17	S.	17	SW.	26	SW.	22	SW.	8	SW.	4	33	SW.
27	NW.	19	W.	20	W.	19	W.	18	NW.	30	NW.	23	NW.	21	*N.*	16	*NW.*	19	N.	23	N.	14	36	NW.
28	SW.	17	SW.	18	S.	20	S.	24	S.	25	S.	22	S.	16	S.	8	SW.	2	SW.	5	N.	7	29	SW.
29	SE.	12	E.	14	S.	19	S.	24	S.	23	S.	19	S.	13	S.	5	S.	4	S.	8	*N.*	7	29	S.
30	E.	11	E.	8	S.	13	NW.	17	NW.	10	S.	16	*SW.*	15	S.	9	S.	5	N.	5	N.	7	28	NW.
Mean	S.	13.8	S.	14.6	S.	15.6	S.	15.1	S.	15.4	S.	14.4	S.	14.5	S.	11.9	N.	9.2	N.	9.1	N.	8.7	.....	.....

* Interpolated.

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

July, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.20	1.19	1.19	1.19	1.21	1.24	1.29	*1.31*	1.33	1.33	1.33	1.33	1.32	*1.32*	1.30	1.30	1.27	1.26	1.29	*1.32*	1.32	1.32	1.34	1.34	1.28	1.34	1.19
2	1.34	1.34	1.34	1.35	1.35	1.35	1.36	*1.36*	1.36	*1.36*	1.36	1.34	1.33	*1.30*	1.25	1.25	1.24	1.25	1.25	*1.31*	1.20	1.20	1.20	1.20	1.30	1.36	1.20
3	1.20	1.20	1.20	1.18	1.17	1.17	1.18	*1.20*	1.20	1.22	1.22	1.23	1.22	*1.22*	1.21	1.22	1.23	1.23	1.24	*1.25*	1.25	1.26	1.26	1.27	1.22	1.27	1.17
4	1.27	1.26	1.25	1.24	1.23	1.23	1.23	*1.25*	1.26	1.26	1.25	1.25	1.25	*1.23*	1.22	1.20	1.19	1.19	1.20	*1.22*	1.22	1.24	1.27	1.28	1.24	1.28	1.19
5	1.28	1.27	1.27	1.25	1.25	1.24	1.24	*1.24*	1.24	1.23	1.23	1.22	1.21	*1.19*	1.17	1.18	1.15	1.15	1.17	*1.19*	1.20	1.20	1.26	1.26	1.22	1.28	1.15
6	1.25	1.25	1.23	1.22	1.22	1.22	1.22	*1.22*	1.22	1.22	1.22	1.22	1.21	*1.21*	1.20	1.20	1.19	1.18	1.22	*1.23*	1.23	1.23	1.25	1.25	1.22	1.25	1.18
7	1.26	1.25	1.26	1.25	1.25	1.25	1.26	*1.26*	1.26	1.27	1.26	1.26	1.26	*1.26*	1.25	1.25	1.24	1.20	1.19	*1.22*	1.22	1.20	1.24	1.25	1.24	1.27	1.19
8	1.23	1.24	1.24	1.24	1.24	1.24	1.23	*1.22*	1.23	1.23	1.23	1.23	1.22	*1.21*	1.20	1.20	1.19	1.17	1.17	*1.18*	1.19	1.19	1.20	1.21	1.21	1.24	1.17
9	1.20	1.20	1.21	1.21	1.21	1.19	1.19	*1.20*	1.20	*1.21*	1.20	1.20	1.19	*1.18*	1.17	1.16	1.13	1.14	1.15	*1.16*	1.18	1.21	1.22	1.22	1.19	1.22	1.13
10	1.23	1.22	1.21	1.21	1.21	1.21	1.22	*1.22*	1.21	1.21	1.21	1.20	1.20	*1.19*	1.17	1.15	1.14	1.14	1.14	*1.14*	1.15	1.16	1.18	1.19	1.19	1.23	1.14
11	1.20	1.19	1.17	1.16	1.15	1.15	1.15	*1.15*	1.15	1.14	1.13	1.12	1.10	*1.09*	1.09	1.08	1.06	1.06	1.05	*1.05*	1.06	1.07	1.09	1.10	1.12	1.20	1.05
12	1.11	1.11	1.10	1.10	1.11	1.15	1.18	*1.19*	1.20	1.20	1.20	1.21	1.21	*1.21*	1.21	1.21	1.20	1.17	1.18	*1.20*	1.21	1.23	1.24	1.25	1.18	1.25	1.10
13	1.25	1.25	1.25	1.25	1.25	1.25	1.25	*1.26*	1.27	1.27	1.26	1.27	1.27	*1.26*	1.26	1.26	1.25	1.25	1.28	*1.28*	1.29	1.26	1.26	1.26	1.26	1.29	1.25
14	1.24	1.20	1.20	1.19	1.18	1.18	1.18	*1.18*	1.21	1.22	1.21	1.21	1.21	*1.20*	1.19	1.19	1.18	1.18	1.17	*1.16*	1.18	1.18	1.19	1.19	1.19	1.24	1.16
15	1.19	1.19	1.19	1.19	1.19	1.20	1.21	*1.22*	1.23	1.23	1.23	1.23	1.22	*1.20*	1.18	1.18	1.16	1.15	1.13	*1.14*	1.14	1.16	1.17	1.17	1.19	1.23	1.13
16	1.17	1.18	1.17	1.17	1.17	1.17	1.18	*1.19*	1.18	*1.18*	1.17	1.15	1.14	*1.14*	1.12	1.11	1.09	1.08	1.09	*1.09*	1.09	1.11	1.13	1.14	1.14	1.19	1.08
17	1.14	1.14	1.13	1.14	1.14	1.14	1.14	*1.14*	1.14	1.14	1.15	1.15	1.14	*1.12*	1.10	1.09	1.07	1.08	1.08	*1.07*	1.06	1.10	1.10	1.10	1.12	1.15	1.06
18	1.09	1.10	1.11	1.11	1.11	1.12	1.14	*1.14*	1.15	1.16	1.16	1.17	1.17	*1.17*	1.17	1.17	1.16	1.19	1.19	*1.20*	1.18	1.20	1.24	1.24	1.16	1.24	1.09
19	1.24	1.24	1.25	1.25	1.26	1.26	1.27	*1.31*	1.31	1.32	1.32	1.32	1.32	*1.32*	1.31	1.30	1.30	1.30	1.30	*1.30*	1.32	1.32	1.34	1.35	1.30	1.35	1.24
20	1.35	1.34	1.34	1.36	1.35	1.35	1.35	*1.36*	1.36	1.36	1.36	1.34	1.34	*1.33*	1.32	1.31	1.29	1.28	1.29	*1.30*	1.30	1.30	1.31	1.30	1.33	1.36	1.28
21	1.29	1.29	1.29	1.29	1.28	1.26	1.26	*1.26*	1.26	1.25	1.25	1.25	1.24	*1.22*	1.21	1.21	1.20	1.19	1.19	*1.18*	1.24	1.25	1.25	1.22	1.24	1.29	1.18
22	1.22	1.21	1.21	1.21	1.21	1.21	1.21	*1.21*	1.22	1.23	1.22	1.22	1.21	*1.21*	1.20	1.19	1.17	1.18	1.16	*1.16*	1.16	1.17	1.19	1.19	1.20	1.23	1.16
23	1.21	1.20	1.19	1.19	1.19	1.20	1.21	*1.21*	1.21	*1.22*	1.22	1.23	1.23	*1.23*	1.21	1.20	1.18	1.16	1.16	*1.18*	1.19	1.21	1.23	1.24	1.20	1.24	1.16
24	1.25	1.25	1.25	1.25	1.25	1.25	1.26	*1.27*	1.27	1.27	1.27	1.27	1.26	*1.25*	1.23	1.22	1.19	1.18	1.18	*1.19*	1.19	1.20	1.21	1.22	1.24	1.27	1.18
25	1.22	1.20	1.20	1.20	1.20	1.20	1.20	*1.20*	1.20	1.20	1.20	1.19	1.18	*1.16*	1.14	1.11	1.09	1.10	1.13	*1.14*	1.13	1.12	1.12	1.11	1.16	1.22	1.09
26	1.09	1.08	1.08	1.07	1.06	1.06	1.07	*1.07*	1.07	1.07	1.07	1.06	1.05	*1.03*	1.01	1.00	.97	.97	.98	*.97*	.96	.96	.97	.98	1.03	1.09	.96
27	.99	1.00	1.00	1.00	1.00	1.00	1.02	*1.04*	1.04	1.05	1.05	1.05	1.04	*1.02*	1.01	1.00	.99	.98	.98	*.98*	1.00	1.03	1.06	1.10	1.02	1.10	.98
28	1.12	1.15	1.17	1.18	1.19	1.20	1.20	*1.22*	1.23	1.23	1.22	1.21	1.20	*1.19*	1.16	1.15	1.17	1.18	1.17	*1.18*	1.18	1.19	1.19	1.18	1.19	1.23	1.12
29	1.17	1.16	1.16	1.15	1.14	1.14	1.15	*1.17*	1.17	1.17	1.17	1.18	1.17	*1.16*	1.14	1.12	1.11	1.15	1.15	*1.14*	1.14	1.14	1.15	1.15	1.15	1.18	1.11
30	1.15	1.15	1.14	1.14	1.14	1.14	1.15	*1.17*	1.17	*1.17*	1.15	1.15	1.15	*1.14*	1.13	1.12	1.11	1.11	1.12	*1.12*	1.12	1.14	1.15	1.15	1.14	1.17	1.11
31	1.15	1.15	1.15	1.15	1.15	1.15	1.16	*1.16*	1.17	1.17	1.17	1.18	1.18	*1.18*	1.17	1.18	1.19	1.20	1.22	*1.22*	1.23	1.25	1.27	1.28	1.19	1.28	1.15
Mean	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.22	1.22	1.22	1.21	1.21	1.20	1.18	1.18	1.16	1.16	1.17	1.17	1.18	1.19	1.20	1.21	1.20	1.24	1.14

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

July, 1894.]

Day.	0–1h a. m.	1–2h	2–3h	3–4h	4–5h	5–6h	6–7h	7–8h	8–9h	9–10h	10–11h	11–Noon.	Noon–1h p. m.
1	N. 8	N. 10	N. 8	N. 11	N. 9	N. 14	N. 23	N. 26	N. 30	N. 31	N. 29	N. 23	N. 19
2	SW. 4	N. 5	S. 6	S. 6	E. 9	NW. 3	SW. 3	SW. 1	*W.* 4	SE. 7	SE. 7	SE. 6	SE. 8
3	N. 8	N. 9	N. 11	N. 8	N. 5	N. 8	N. 7	N. 8	NE. 10	N. 26	N. 28	*N.* 26	N. 27
4	SW. 8	SW. 2	SW. 3	N. 4	W. 3	N. 2	N. 2	N. 2	N. 2	N. 3	N. 4	S. 7	S. 9
5	S. 3	W. 4	S. 5	S. 3	S. 2	SW. 2	W. 2	W. 2	NW. 3	NW. 2	N. 4	S. 5	SE. 8
6	*W.* 3	W. 2	W. 2	W. 2	N. 3	C. 0	N. 2	N. 4	N. 6	N. 6	N. 4	W. 4	S. 5
7	N. 2	N. 2	E. 4	E. 1	SE. 4	SE. 2	SE. 1	SE. 2	N. 2	*N.* 2	N. 2	S. 2	E. 5
8	SE. 6	SE. 7	SE. 3	N. 5	N. 7	N. 5	N. 6	N. 6	N. 3	*N.* 2	*E.* 3	SE. 3	E. 3
9	N. 4	N. 6	N. 6	*N.* 4	N. 6	N. 5	N. 6	N. 4	*N.* 2	NE. 5	S. 4	SE. 2	SE. 3
10	SE. 7	SW. 2	SW. 1	SE. 3	*N.* 3	N. 3	N. 2	N. 3	N. 4	N. 3	N. 2	S. 7	S. 6
11	W. 2	NW. 4	N. 6	N. 7	N. 5	N. 7	N. 9	N. 7	N 7	N. 4	N. 1	*S.* 3	S. 6
12	N. 9	N. 8	N. 9	N. 9	N. 17	N. 27	N. 23	N. 23	N. 26	N. 24	N. 27	N. 27	N. 26
13	N. 9	N. 9	N. 7	N. 7	N. 6	N. 8	N. 13	N. 14	N. 13	N. 16	N. 14	N. 13	N. 14
14	N. 3	S. 6	*N.* 7	N. 10	N. 5	N. 3	N. 3	NE. 3	NE. 14	N. 25	N. 24	N. 20	N. 15
15	N. 5	N. 5	S. 3	E. 5	N. 5	N. 9	N. 7	N. 7	N. 2	E. 1	S. 6	SE. 7	SE. 8
16	N. 5	N. 5	N. 4	N. 5	N. 5	N. 5	N. 6	N. 5	N. 7	N. 5	N. 2	SE. 3	S. 5
17	N. 6	NW. 4	N. 5	N. 9	N. 8	N. 7	N. 8	N. 8	N. 7	N. 8	N. 7	N. 3	SE. 6
18	N. 9	N. 5	N. 3	N. 2	N. 3	*N.* 5	N. 7	N. 11	N. 12	N. 13	N. 14	NE. 14	N. 9
19	NE. 6	N. 3	N. 4	N. 3	E. 3	*E.* 3	NW. 4	NE. 6	N. 14	N. 12	N. 13	NE. 15	N. 17
20	N. 11	N. 4	W. 7	S. 7	S. 3	S. 1	S. 2	SE. 2	SE. 3	SE. 6	SE. 5	SE. 8	S. 15
21	E. 2	NE. 4	N. 5	N. 5	N. 4	N. 5	N. 5	N. 3	N. 3	N. 1	E. 2	S. 2	SE. 3
22	N. 8	N. 7	N. 4	N. 6	N. 6	N. 6	N. 9	N. 8	N. 6	N. 3	N. 1	E. 4	S. 5
23	N. 8	N. 7	N. 7	N. 8	N. 8	N. 8	N. 8	N. 9	N. 7	N. 7	N. 9	*N.* 10	N. 7
24	*NW.* 7	NW. 7	N. 7	N. 9	N. 8	N. 11	N. 11	N. 11	N. 9	N. 6	N. 3	NE. 2	S. 6
25	N. 6	N. 6	N. 7	N. 6	N. 5	N. 6	N. 3	N. 5	N. 8	SE. 5	SW. 5	SE. 5	*S.* 4
26	*W.* 7	S. 5	*S.* 5	*S.* 3	E. 1	*NE.* 3	*W.* 2	N. 4	*SW.* 6	SW. 4	*W.* 5	W. 4	*N.* 6
27	N. 7	N. 8	*N.* 7	N. 8	N. 9	N. 7	N. 19	N. 13	N. 13	N. 9	N. 3	NW. 7	S. 5
28	NE. 3	N. 13	N. 15	N. 21	N. 14	N. 11	N. 12	N. 9	N. 5	NE. 3	*N.* 6	SE. 18	SE. 13
29	*S.* 13	SE. 7	*N.* 8	N. 7	N. 8	N. 6	N. 3	E. 3	S. 3	*SE.* 2	*NE.* 4	S. 2	S. 2
30	N. 8	N. 4	N. 3	N. 4	N. 6	N. 6	N. 5	N. 8	N. 8	N. 6	N. 3	NE. 5	E. 5
31	N. 5	N. 5	N. 6	N. 7	N. 8	N. 7	N. 9	NW. 7	N. 6	N. 3	N. 11	NE. 13	N. 10
Mean	N. 6.2	N. 5.6	N. 5.7	N. 6.3	N. 6.1	N. 6.3	N. 7.2	N. 7.2	N. 7.9	N. 8.2	N. 8.1	SE. 8.7	S. 9.2

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [July, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	65	62	62	62	62	68	60	*60*	60	62	65	69	73	*76*	77	78	80	78	78	*71*	72	71	71	68	68.8	81	59
2	61	63	64	63	60	60	59	*59*	62	*68*	66	68	71	*74*	77	78	77	78	77	*77*	73	69	68	66	68.0	79	59
3	62	63	67	65	66	65	65	*68*	67	67	69	72	74	*73*	74	67	63	65	61	*62*	58	59	60	58	65.4	75	60
4	58	58	58	58	57	57	57	*59*	60	61	61	63	62	*64*	63	67	64	63	67	*62*	64	64	63	60	61.2	68	57
5	60	58	58	58	58	56	55	*58*	61	65	67	70	73	*73*	72	66	67	70	63	*63*	63	62	57	56	62.9	74	54
6	56	57	55	55	54	54	53	*56*	58	62	66	66	67	*64*	59	65	63	65	59	*61*	60	60	57	56	59.5	68	52
7	55	54	54	54	54	54	53	*54*	56	57	62	66	67	*69*	70	70	70	70	71	*70*	66	64	64	64	62.0	72	52
8	61	61	58	56	55	54	53	*57*	62	67	68	71	73	*75*	77	78	78	77	74	*72*	71	68	65	69	66.7	79	51
9	65	60	62	60	56	56	58	*61*	67	*65*	69	74	76	*78*	81	84	84	84	81	*81*	76	72	72	70	70.5	86	54
10	66	65	64	61	60	60	58	*62*	65	71	74	75	78	*80*	81	81	82	82	81	*79*	75	73	69	65	71.1	82	58
11	61	61	59	60	59	56	56	*60*	65	71	77	78	80	*82*	83	84	84	84	82	*82*	79	72	68	65	71.2	85	55
12	66	61	62	59	65	64	62	*61*	62	64	65	68	71	*73*	74	75	76	75	74	*76*	75	68	64	64	67.7	78	58
13	65	64	62	61	59	59	58	*57*	59	62	65	68	69	*71*	71	69	64	60	59	*66*	60	59	60	59	62.5	74	56
14	61	63	60	60	61	60	59	*61*	59	61	62	65	67	*73*	70	70	70	71	69	*69*	66	68	64	61	64.5	74	57
15	60	60	59	55	52	52	53	*53*	60	64	66	68	70	*73*	74	76	76	76	74	*73*	72	68	66	63	65.1	76	51
16	62	59	56	56	55	54	52	*55*	60	*68*	71	73	76	*79*	79	79	80	79	79	*78*	74	72	70	68	68.1	81	52
17	67	64	61	58	56	54	55	*57*	66	70	72	76	77	*79*	79	78	78	79	71	*72*	72	70	68	66	68.5	80	53
18	66	62	65	64	66	65	60	*62*	68	73	74	76	78	*75*	75	75	66	68	67	*67*	63	62	61	61	67.5	77	60
19	60	60	59	58	56	55	56	*57*	58	59	61	63	65	*65*	67	67	66	66	62	*63*	58	58	60	60	60.8	68	55
20	58	58	57	56	56	56	56	*56*	57	59	61	63	64	*65*	66	66	66	65	65	*64*	63	61	59	57	60.6	67	54
21	55	54	53	52	50	48	48	*52*	59	62	64	68	70	*72*	74	74	75	75	74	*72*	66	64	62	60	62.6	75	48
22	56	60	55	55	54	49	53	*58*	62	72	74	75	75	*76*	78	79	78	78	77	*74*	72	69	68	63	67.1	81	49
23	59	57	57	54	53	56	58	*58*	62	*72*	77	80	81	*83*	83	84	84	84	83	*80*	75	73	68	61	70.1	86	53
24	64	66	59	58	52	54	54	*56*	63	69	74	77	81	*83*	83	83	83	82	80	*79*	76	76	70	70	70.5	84	52
25	68	65	66	63	66	67	70	*74*	71	73	75	79	82	*83*	84	86	83	70	74	*74*	72	73	73	73	73.5	87	62
26	70	68	67	62	64	62	64	*65*	70	78	82	85	85	*86*	86	88	83	79	77	*75*	77	75	74	71	74.7	88	58
27	62	62	60	58	58	60	59	*60*	65	72	78	82	83	*85*	86	85	85	84	83	*81*	78	74	68	66	72.2	87	57
28	65	65	62	60	54	54	54	*55*	61	63	66	67	67	*69*	69	71	69	68	71	*70*	68	68	66	64	64.4	72	54
29	67	59	55	54	56	58	59	*57*	59	65	68	71	77	*78*	81	78	73	65	71	*71*	69	66	63	63	66.0	82	54
30	60	61	58	59	63	63	58	*57*	63	*72*	79	80	82	*79*	80	83	78	76	77	*76*	75	73	71	70	70.5	83	55
31	66	66	64	62	62	63	65	*67*	68	73	75	78	79	*76*	77	73	73	69	69	*68*	68	67	64	64	69.0	81	61
Mean	62.2	61.2	59.9	58.6	58.0	57.8	57.4	59.1	62.4	66.5	69.5	72.1	74.0	75.2	75.8	76.0	74.8	73.7	72.6	71.7	69.5	67.7	65.6	63.9	66.9	78.4	55.2

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[July, 1894.

Day.	1–2h	2–3h	3–4h	4–5h	5–6h	6–7h	7–8h	8–9h	9–10h	10–11h	11–Mid.	Max.	Direction.
1	N. 13	NW. 5	SW. 6	E. 10	S. 13	S. 6	W. 14	W. 12	W. 5	SW. 4	W. 2	36	N.
2	SE. 12	S. 16	S. 20	S. 20	S. 15	S. 9	W. 7	NW. 4	N. 6	N. 7	N. 6	24	SE.
3	N. 23	N. 18	N. 9	N. 16	NW. 7	N. 8	N. 7	N. 9	N. 8	NW. 5	*NW.* 5	31	N.
4	S. 10	S. 12	*S.* 11	S. 11	S. 9	*S.* 5	S. 5	N. 7	N. 7	N. 7	*E.* 6	17	S.
5	S. 9	S. 10	S 11	N. 10	N. 8	N. 23	N. 13	N. 4	E. 1	N. 8	NW. 3	28	NW.
6	S. 11	N. 13	E. 10	S. 6	S. 6	SW. 5	N. 4	N. 3	N. 3	NW. 2	NW. 2	25	NE.
7	*E.* 5	S. 5	S. 9	S. 9	S. 11	SE. 6	SE. 2	W. 18	NW. 12	W. 4	NW. 4	32	W.
8	S. 4	SE. 5	SE. 6	S. 9	S. 9	S. 10	SW. 9	W. 5	W. 8	N. 4	N. 7	20	W.
9	S. 5	S. 5	*S.* 9	NE. 13	NE. 10	E. 6	S. 8	S. 5	S. 5	SE. 5	S. 7	15	NE.
10	*SE.* 12	S. 14	SE. 18	SE. 17	SE. 16	SE. 13	SE. 11	S. 8	S. 4	S. 2	S. 2	19	SE.
11	S. 7	SE. 8	SE. 10	S. 11	SE. 10	S. 10	S. 10	SE. 7	S. 2	*SW.* 4	*N.* 6	12	S.
12	N. 23	N. 21	N. 15	N. 10	N. 8	N. 8	N. 8	N. 14	N. 12	N. 7	N. 8	33	N.
13	N. 13	N. 4	NE. 4	NW. 9	N. 11	N. 6	N. 10	N. 8	N. 5	N. 5	N. 4	18	N.
14	N. 9	N. 12	N. 9	N. 4	SW. 1	SW. 3	SW. 3	N. 2	*N.* 5	N. 5	N. 3	32	NE.
15	SE. 7	SE. 5	SE. 7	S. 6	S. 7	S. 9	S. 7	SW. 2	SW. 1	*W.* 4	N. 5	10	*N.*
16	S. 6	S. 7	E. 6	SE. 6	S. 6	S. 5	SE. 3	SE. 2	W. 7	W. 8	N. 8	12	NW.
17	S. 7	S. 8	W. 8	W. 6	S. 9	W. 17	W. 8	NW. 4	N. 7	N. 8	NE. 5	28	W.
18	N. 10	*N.* 12	E. 6	N. 16	N. 22	N. 16	N. 18	N. 20	N. 14	N. 9	*N.* 4	25	N.
19	N. 15	N. 9	N. 5	SW. 4	W. 3	E. 10	*E.* 4	*NW.* 16	W. 12	W. 3	N. 10	27	NW.
20	S. 17	S. 15	S. 14	S. 12	S. 11	S. 10	S. 9	SE. 8	SE. 6	S. 5	S. 1	19	SE.
21	S. 4	S. 7	S. 8	S. 9	SE. 9	S. 9	SE. 8	N. 19	SE. 9	W. 4	NW. 6	26	N.
22	S. 7	S. 5	SE. 7	*S.* 9	*S.* 4	S. 4	S. 5	S. 3	NW. 2	N. 10	N. 5	20	SE.
23	N. 6	N. 4	N. 5	N. 7	N. 5	N. 6	N. 6	N. 4	N. 6	N. 7	N. 8	12	NE.
24	SE. 7	SE. 8	SE. 11	SE. 12	SE. 15	S. 10	W. 6	NW. 3	W. 7	NE. 5	N. 5	16	SE.
25	SE. 4	SE. 6	S. 4	E. 8	NE. 12	NW. 20	N. 8	N. 4	NW. 12	*W.* 7	*N.* 9	37	NW.
26	*W.* 9	W. 9	W. 9	W. 19	SW. 25	SW. 22	S. 13	*SE.* 11	S. 8	S. 17	*SW.* 7	37	W.
27	*S.* 9	W. 10	S. 10	*S.* 8	SW. 10	NW. 16	N. 16	*N.* 8	SE. 8	*E.* 8	N. 4	29	NW.
28	SE. 17	SE. 16	SE. 9	SE. 12	E. 7	*E.* 7	E. 4	SW. 5	SW. 3	S. 3	S. 4	24	N.
29	SW. 4	S. 3	S. 5	S. 14	W. 16	SE. 5	S. 3	*N.* 3	NW. 5	N. 6	N. 6	40	NW.
30	S. 7	W. 11	S. 5	S. 7	NW. 13	N. 8	NW. 10	NW. 11	NW. 5	W. 7	*W.* 9	16	NW.
31	*N.* 10	NW. 10	SE. 7	S. 8	N. 8	N. 13	N. 18	NW. 19	N. 17	N. 20	N. 13	27	NW.
Mean	S. 9.7	S. 9.5	S. 9.1	S. 10.3	S. 10.2	S. 9.8	N. 8.2	N. 8.0	N. 6.8	N. 6.5	N. 5.6	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

NOTE.—All eye readings are printed in *italics*.

August, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.29	1.29	1.27	1.27	1.26	1.25	1.26	*1.28*	1.28	1.28	1.27	1.27	1.26	*1.25*	1.25	1.25	1.24	1.24	1.24	*1.26*	1.25	1.25	1.26	1.27	1.26	1.29	1.24
2	1.27	1.29	1.29	1.27	1.25	1.24	1.24	*1.24*	1.24	1.24	1.23	1.23	1.23	*1.21*	1.19	1.19	1.19	1.19	1.20	*1.24*	1.24	1.25	1.28	1.29	1.24	1.29	1.19
3	1.24	1.23	1.22	1.22	1.21	1.20	1.25	*1.25*	1.26	1.26	1.27	1.27	1.27	*1.26*	1.25	1.24	1.22	1.21	1.20	*1.19*	1.19	1.20	1.21	1.22	1.23	1.27	1.19
4	1.22	1.22	1.22	1.22	1.21	1.20	1.20	*1.19*	1.19	1.20	1.20	1.19	1.19	*1.18*	1.18	1.18	1.15	1.14	1.12	*1.11*	1.12	1.13	1.13	1.13	1.18	1.22	1.11
5	1.13	1.13	1.13	1.13	1.12	1.12	1.13	*1.13*	1.13	1.13	1.13	1.13	1.13	*1.12*	1.11	1.10	1.08	1.08	1.07	*1.05*	1.06	1.06	1.08	1.10	1.11	1.13	1.05
6	1.11	1.12	1.11	1.11	1.11	1.11	1.11	*1.12*	1.12	*1.12*	1.12	1.11	1.09	*1.08*	1.06	1.05	1.03	1.01	1.00	*1.00*	1.00	1.02	1.03	1.03	1.07	1.12	1.00
7	1.05	1.05	1.05	1.05	1.05	1.05	1.06	*1.08*	1.09	1.09	1.10	1.10	1.09	*1.08*	1.06	1.05	1.04	1.04	1.07	*1.08*	1.07	1.08	1.09	1.09	1.07	1.10	1.04
8	1.09	1.09	1.09	1.09	1.10	1.11	1.11	*1.13*	1.14	1.14	1.13	1.14	1.14	*1.14*	1.13	1.12	1.10	1.07	1.07	*1.10*	1.15	1.16	1.17	1.22	1.12	1.22	1.07
9	1.21	1.17	1.16	1.16	1.16	1.17	1.18	*1.19*	1.20	1.20	1.21	1.20	1.19	*1.18*	1.17	1.16	1.13	1.14	1.16	*1.17*	1.19	1.20	1.21	1.22	1.18	1.22	1.16
10	1.22	1.22	1.21	1.20	1.19	1.19	1.19	*1.19*	1.20	1.21	1.21	1.22	1.21	*1.20*	1.19	1.18	1.16	1.15	1.16	*1.16*	1.17	1.19	1.20	1.21	1.19	1.22	1.15
11	1.22	1.22	1.21	1.21	1.21	1.21	1.21	*1.23*	1.24	1.24	1.23	1.23	1.21	*1.20*	1.19	1.18	1.15	1.14	1.21	*1.23*	1.24	1.24	1.23	1.22	1.21	1.24	1.14
12	1.22	1.20	1.19	1.19	1.18	1.18	1.18	*1.18*	1.18	1.18	1.18	1.18	1.17	*1.15*	1.11	1.11	1.10	1.10	1.08	*1.08*	1.09	1.11	1.12	1.12	1.15	1.22	1.08
13	1.12	1.11	1.10	1.10	1.09	1.09	1.09	*1.09*	1.10	*1.10*	1.10	1.10	1.11	*1.11*	1.11	1.10	1.11	1.11	1.12	*1.14*	1.15	1.16	1.17	1.18	1.12	1.18	1.09
14	1.18	1.19	1.19	1.20	1.21	1.22	1.24	*1.27*	1.28	1.29	1.30	1.31	1.31	*1.30*	1.29	1.27	1.25	1.27	1.31	*1.32*	1.32	1.35	1.31	1.29	1.27	1.35	1.18
15	1.28	1.28	1.27	1.25	1.25	1.25	1.26	*1.28*	1.28	1.28	1.28	1.28	1.27	*1.26*	1.25	1.23	1.22	1.21	1.20	*1.21*	1.26	1.29	1.30	1.31	1.26	1.31	1.20
16	1.30	1.28	1.26	1.25	1.24	1.24	1.24	*1.25*	1.25	1.25	1.25	1.24	1.23	*1.20*	1.20	1.20	1.18	1.15	1.14	*1.14*	1.14	1.14	1.16	1.17	1.21	1.30	1.14
17	1.18	1.19	1.19	1.19	1.19	1.19	1.19	*1.21*	1.22	1.22	1.23	1.23	1.23	*1.22*	1.21	1.19	1.18	1.17	1.16	*1.17*	1.18	1.20	1.22	1.24	1.20	1.24	1.16
18	1.25	1.24	1.24	1.24	1.23	1.23	1.23	*1.23*	1.23	1.23	1.23	1.23	1.22	*1.20*	1.19	1.16	1.12	1.10	1.10	*1.13*	1.15	1.16	1.18	1.18	1.20	1.25	1.10
19	1.18	1.18	1.18	1.18	1.18	1.18	1.18	*1.19*	1.19	1.19	1.19	1.20	1.20	*1.20*	1.19	1.18	1.16	1.16	1.15	*1.17*	1.18	1.20	1.22	1.24	1.19	1.24	1.15
20	1.24	1.24	1.25	1.25	1.26	1.27	1.28	*1.29*	1.29	1.30	*1.31*	1.30	1.29	*1.28*	1.27	1.26	1.25	1.25	1.25	*1.25*	1.26	1.27	1.28	1.28	1.27	1.31	1.25
21	1.29	1.29	1.29	1.29	1.28	1.28	1.28	*1.28*	1.28	1.28	1.28	1.27	1.26	*1.24*	1.23	1.20	1.20	1.19	1.19	*1.19*	1.20	1.21	1.21	1.22	1.25	1.29	1.19
22	1.22	1.22	1.22	1.22	1.21	1.20	1.20	*1.20*	1.21	1.21	1.22	1.22	1.21	*1.20*	1.20	1.19	1.17	1.16	1.16	*1.18*	1.20	1.21	1.24	1.26	1.20	1.26	1.16
23	1.26	1.27	1.26	1.24	1.23	1.22	1.22	*1.23*	1.24	1.25	1.26	1.26	1.25	*1.25*	1.25	1.24	1.22	1.23	1.24	*1.24*	1.25	1.25	1.27	1.28	1.25	1.28	1.22
24	1.28	1.29	1.30	1.30	1.30	1.30	1.31	*1.31*	1.32	1.32	1.32	1.33	1.32	*1.31*	1.31	1.30	1.29	1.28	1.27	*1.26*	1.27	1.28	1.29	1.30	1.30	1.33	1.26
25	1.30	1.30	1.29	1.29	1.29	1.29	1.29	*1.30*	1.30	1.30	1.29	1.29	1.28	*1.27*	1.26	1.25	1.25	1.25	1.25	*1.26*	1.27	1.29	1.31	1.32	1.28	1.32	1.25
26	1.33	1.32	1.31	1.31	1.31	1.30	1.31	*1.32*	1.32	1.32	1.32	1.32	1.32	*1.30*	1.29	1.27	1.25	1.23	1.23	*1.22*	1.23	1.25	1.26	1.27	1.29	1.33	1.22
27	1.27	1.27	1.27	1.26	1.25	1.24	1.24	*1.24*	1.24	*1.25*	1.25	1.24	1.22	*1.21*	1.20	1.19	1.17	1.16	1.16	*1.16*	1.16	1.18	1.19	1.20	1.22	1.27	1.16
28	1.20	1.20	1.19	1.18	1.18	1.18	1.18	*1.18*	1.18	1.18	1.18	1.17	1.15	*1.12*	1.12	1.10	1.08	1.08	1.08	*1.08*	1.09	1.11	1.12	1.12	1.14	1.20	1.08
29	1.13	1.13	1.12	1.12	1.12	1.12	1.12	*1.13*	1.14	1.14	1.14	1.14	1.12	*1.10*	1.10	1.09	1.07	1.04	1.05	*1.06*	1.07	1.09	1.10	1.12	1.11	1.14	1.04
30	1.14	1.14	1.14	1.14	1.15	1.15	1.16	*1.18*	1.19	1.19	1.20	1.19	1.17	*1.15*	1.14	1.11	1.10	1.09	1.09	*1.09*	1.11	1.14	1.15	1.15	1.14	1.20	1.09
31	1.15	1.15	1.14	1.14	1.14	1.13	1.13	*1.13*	1.13	1.12	1.12	1.11	1.09	*1.07*	1.06	1.04	1.01	1.00	1.00	*1.00*	1.02	1.05	1.05	1.05	1.08	1.15	1.00
Mean	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.21	1.22	1.22	1.22	1.22	1.21	1.20	1.19	1.17	1.16	1.15	1.15	1.16	1.17	1.18	1.20	1.20	1.19	1.24	1.14

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

August, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	N.	5	N.	3	N.	3	E.	3	N.	4	N.	4	N.	7	N.	6	N.	7	N.	5	N.	5	N.	11	E.	9
2	N.	3	N.	8	SW.	11	W.	5	W.	4	N.	4	N.	5	N.	5	N.	5	*N.*	2	SE.	4	SE.	11	SE.	13
3	NE.	4	NE.	9	S.	5	SE.	11	S.	10	S.	7	SE.	4	SE.	3	SE.	5	SE.	5	SE.	3	SE.	4	SE.	4
4	NE.	3	N.	3	N.	5	N.	3	N.	3	N.	5	N.	5	N.	7	N.	4	E.	1	E.	3	SE.	4	SE.	3
5	N.	3	N.	4	N.	7	N.	8	N.	7	N.	3	N.	7	N.	7	N.	7	N.	3	E.	3	S.	8	S.	9
6	N.	14	N.	10	N.	11	N.	8	N.	6	N.	6	N.	6	N.	4	N.	4	N.	4	N.	2	S.	3	S.	4
7	N.	15	N.	21	N.	16	N.	10	N.	3	N.	5	N.	2	N.	5	N.	3	N.	1	*N.*	2	S.	4	N.	6
8	N.	6	N.	7	N.	7	N.	8	N.	9	N.	7	NW.	13	N.	4	NW.	5	N.	4	N.	5	*N.*	10	W.	15
9	N.	9	NW.	8	N.	12	NE.	8	N.	5	N.	4	N.	5	N.	6	N.	4	N.	2	SE.	7	SE.	7	S.	7
10	N.	10	N.	8	N.	5	N.	6	N.	8	N.	8	N.	6	N.	8	N.	10	N.	5	N.	5	N.	3	E.	4
11	N.	5	N.	6	N.	6	N.	7	N.	7	N.	7	N.	6	N.	8	N.	11	N.	9	N.	6	N.	4	N.	8
12	N.	4	N.	6	N.	3	N.	4	N.	4	N.	5	N.	7	N.	6	N.	5	N.	3	SE.	6	S.	7	SE.	8
13	N.	7	N.	3	N.	5	N.	8	N.	6	N.	4	N.	5	N.	6	N.	6	N.	4	N.	3	N.	17	N.	15
14	N.	6	N.	6	N.	6	N.	9	N.	6	N.	7	N.	5	N.	6	N.	3	N.	3	E.	5	E.	7	E.	10
15	N.	4	N.	4	N.	5	N.	6	N.	5	N.	5	N.	6	N.	5	N.	3	N.	1	S.	4	S.	6	S.	7
16	N.	6	N.	6	N.	5	N.	4	*N.*	5	N.	4	N.	3	*N.*	2	N.	3	N.	2	*N.*	2	*N.*	1	*SE.*	4
17	N.	7	N.	7	N.	6	N.	8	N.	7	N.	9	N.	7	N.	8	N.	8	N.	4	N.	3	SE.	5	SE.	10
18	S.	6	SE.	8	W.	3	NW.	2	NW.	4	*NW.*	5	N.	6	N.	5	N.	4	N.	2	N.	2	N.	5	*SE.*	15
19	NE.	2	N.	5	N.	6	N.	6	N.	6	N.	6	N.	8	N.	8	N.	8	N.	6	NE.	12	NE.	12	N.	11
20	NW.	19	NW.	25	NW.	22	NW.	15	NW.	6	NW.	4	N.	4	N.	5	N.	9	N.	11	N.	5	N.	3	S.	4
21	N.	6	N.	6	N.	5	N.	4	N.	6	N.	6	N.	5	N.	6	N.	4	N.	2	S.	4	S.	2	S.	5
22	N.	5	N.	3	N.	1	N.	2	E.	1	E.	1	N.	5	N.	3	N.	1	N.	1	0	0	N.	10	N.	14
23	*S.*	5	SE.	4	*N.*	4	N.	4	N.	7	N.	7	N.	7	N.	7	N.	8	N.	8	N.	7	N.	7	NE.	7
24	N.	6	N.	6	N.	8	N.	7	N.	6	N.	5	N.	8	N.	8	N.	7	N.	8	N.	13	N.	12	N.	11
25	N.	5	N.	6	N.	6	N.	6	N.	7	N.	6	N.	7	N.	8	N.	7	N.	6	N.	2	NW.	3	N.	4
26	*NW.*	1	NE.	3	N.	4	N.	5	N.	5	N.	4	N.	6	N.	7	N.	7	N.	4	N.	3	*S.*	6	S.	6
27	N.	8	N.	6	N.	7	N.	7	N.	7	N.	7	N.	8	N.	9	N.	6	N.	4	N.	1	S.	2	S.	5
28	N.	7	N.	7	N.	8	N.	8	N.	9	N.	8	N.	8	N.	9	N.	6	N.	7	N.	2	E.	2	S.	5
29	N.	6	N.	8	N.	9	N.	12	N.	10	N.	7	N.	9	N.	9	N.	10	N.	9	N.	3	S.	5	S.	4
30	N.	8	N.	7	N.	8	N.	8	N.	8	N.	8	N.	10	N.	7	N.	5	N.	2	*N.*	3	S.	6	S.	6
31	SE.	7	N.	2	N.	5	N.	5	N.	4	N.	6	N.	6	N.	7	N.	7	N.	5	*E.*	7	SE.	10	S	12
Mean	N.	6.5	N.	6.7	N.	6.9	N.	6.7	N.	6.0	N.	5.6	N.	6.3	N.	6.3	N.	5.9	N.	4.3	N.	4.3	N. S.	6.4	S.	7.9

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [August, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	61	60	59	58	57	56	53	*53*	63	66	70	71	71	*71*	63	64	65	69	63	*61*	59	58	59	58	62.0	73	53
2	59	53	53	54	54	53	53	*54*	56	59	62	63	63	*65*	65	62	60	61	62	*55*	54	54	54	54	57.6	68	52
3	54	54	52	52	51	50	50	*50*	50	50	50	50	54	*56*	58	60	61	62	62	*62*	59	57	55	53	54.7	64	49
4	51	51	50	48	48	46	46	*49*	53	59	61	65	68	*69*	71	72	70	74	74	*74*	68	66	65	60	60.8	75	46
5	58	57	55	54	55	54	54	*58*	65	74	75	76	76	*79*	79	80	77	76	77	*76*	73	66	68	67	67.9	80	52
6	67	66	63	60	60	61	59	*60*	63	70	74	74	75	*76*	75	77	78	78	79	*78*	74	69	68	67	69.6	80	56
7	67	66	66	65	63	62	59	*59*	64	70	72	76	77	*79*	80	83	80	79	73	*73*	71	69	69	68	70.4	85	57
8	66	66	64	62	62	64	70	*72*	71	73	75	69	67	*73*	74	76	79	79	76	*74*	68	64	65	62	69.6	81	61
9	60	64	60	60	61	58	59	*58*	61	68	68	68	70	*73*	76	78	78	73	71	*73*	71	67	68	66	67.0	81	54
10	62	60	59	57	56	57	55	*56*	64	69	74	76	77	*80*	80	81	81	80	79	*75*	74	70	70	67	69.1	84	54
11	65	63	62	62	60	59	56	*59*	66	71	76	79	79	*81*	81	81	82	80	65	*65*	66	65	65	63	68.8	83	55
12	60	60	62	59	56	56	56	*57*	63	70	72	72	75	*78*	79	78	78	81	80	*80*	76	72	70	73	69.3	82	54
13	71	66	64	66	63	61	62	*65*	65	*73*	81	81	81	*82*	81	80	82	81	76	*75*	75	74	74	73	73.0	82	60
14	69	62	63	64	63	61	63	*60*	62	69	68	71	69	*69*	73	78	74	73	62	*58*	58	57	61	60	65.3	78	58
15	58	58	58	55	56	53	54	*55*	63	66	68	69	70	*71*	71	75	77	75	75	*74*	64	61	59	58	64.3	77	51
16	58	57	57	55	53	53	54	*55*	59	64	67	71	73	*73*	74	73	72	76	73	*75*	70	69	65	59	64.8	77	52
17	59	58	56	55	57	53	53	*53*	61	67	73	75	77	*79*	80	81	81	80	78	*76*	74	70	69	70	68.1	82	52
18	68	66	62	59	55	54	56	*56*	58	63	69	73	74	*77*	79	80	81	81	79	*76*	69	68	66	63	68.0	82	53
19	61	61	59	61	58	57	55	*59*	64	73	75	77	78	*78*	77	77	79	79	76	*74*	70	72	71	68	69.1	80	55
20	69	68	68	67	66	65	64	*64*	64	66	69	74	75	*74*	70	69	73	73	67	*69*	67	66	64	62	68.0	77	63
21	60	58	59	58	56	54	52	*51*	56	63	66	70	72	*73*	75	74	74	74	73	*73*	71	70	67	66	65.2	76	49
22	64	64	64	64	62	57	57	*57*	60	64	70	75	75	*75*	74	75	73	73	66	*63*	63	64	61	59	65.8	76	55
23	59	58	58	57	56	57	58	*58*	61	65	71	74	74	*75*	66	74	76	69	69	*69*	65	63	60	59	64.6	77	56
24	57	58	57	56	58	52	55	*54*	56	62	65	69	71	*72*	73	73	75	73	72	*70*	66	60	56	55	63.1	76	51
25	54	51	50	51	51	52	47	*50*	51	64	71	74	76	*76*	78	75	73	72	71	*70*	66	61	60	58	62.7	78	47
26	56	53	52	52	48	49	47	*47*	52	58	65	66	68	*70*	71	72	72	73	71	*69*	66	61	58	52	60.5	73	47
27	51	49	48	48	47	47	48	*48*	52	*60*	67	69	70	*72*	73	74	76	76	74	*72*	68	63	57	54	61.0	76	43
28	51	52	49	50	48	49	49	*52*	54	64	71	76	78	*80*	81	82	82	79	78	*75*	68	63	62	60	64.7	84	46
29	54	56	52	55	62	55	54	*52*	59	69	75	79	81	*81*	83	82	81	81	79	*76*	71	64	61	60	67.6	83	51
30	60	55	54	52	49	49	48	*47*	57	61	65	69	73	*74*	74	75	76	75	67	*70*	68	66	63	63	62.9	76	47
31	60	57	53	53	49	48	47	*46*	51	*62*	64	66	68	*71*	72	73	73	74	73	*70*	67	64	63	59	61.8	75	46
Mean	60.3	58.9	57.7	57.1	56.3	54.9	54.7	55.3	59.6	65.5	69.3	71.5	72.7	74.3	74.4	75.3	75.5	75.1	72.3	71.0	67.7	61.9	63.6	61.8	65.4	78.1	52.4

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[August, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.	Direction.
1	E.	10	NW.	13	W.	13	*N.*	10	N.	10	*N.*	13	*N.*	12	N.	5	N.	2	N.	5	N.	3	22	N.
2	SE.	13	S.	15	*S.*	10	E.	6	*S.*	9	S.	6	E.	10	*E.*	5	E.	3	NW.	2	NE.	1	26	NE.
3	S.	7	S.	7	S.	9	S.	9	S.	11	SE.	10	S.	11	SE.	9	SE.	6	SE.	4	SE.	2	15	SE.
4	E.	6	S.	7	S.	8	S.	7	S.	6	S.	10	S.	11	SE.	8	W.	2	W.	3	*W.*	5	13	SE.
5	S.	11	S.	11	S.	10	S.	11	*S.*	7	S.	10	S.	9	SW.	5	SW.	2	NW.	7	N.	18	24	N.
6	S.	5	S.	7	S.	10	S.	11	S.	13	S.	12	S.	9	S.	6	S.	3	NW.	3	NW.	6	15	SE.
7	*N.*	6	E.	5	S.	3	N.	6	N.	9	N.	17	N.	8	N.	3	N.	3	N.	7	N.	6	24	N.
8	NW.	13	N.	14	N.	13	N.	12	N.	11	N.	15	N.	18	N.	7	N.	12	NW.	15	NW.	24	35	N.
9	S.	4	SE.	3	W.	3	S.	4	SW.	9	NE.	6	N.	7	W.	4	N.	9	NW.	12	N.	16	23	N.
10	E.	4	SE.	4	S.	4	W.	4	E.	5	E.	4	SW.	9	S.	5	S.	4	N.	3	N.	5	15	SW.
11	N.	8	N.	11	N.	11	N.	12	N.	11	N.	17	N.	12	N.	6	*NW.*	5	*NW.*	5	N.	4	22	NE.
12	S.	7	SE.	8	SE.	8	S.	6	SE.	5	S.	7	S.	6	S.	5	S.	2	NW.	4	NW.	12	22	NW.
13	N.	14	N.	12	N.	8	N.	4	N.	11	N.	16	NW.	24	NW.	22	NW.	22	W.	15	W.	8	27	NW.
14	E.	5	E.	3	E.	4	S.	6	NE.	5	NW.	13	NW.	17	NW.	11	S.	11	W.	15	N.	6	24	*NW.*
15	SE.	9	SE.	4	E.	1	SE.	3	W.	3	W.	4	NW.	2	NE.	12	SW.	5	SE.	4	SW.	4	23	NE.
16	SE.	6	S.	8	S.	6	SE.	9	SE.	6	SW.	4	SW.	1	SW.	2	NW.	5	NW.	6	N.	6	15	W.
17	S.	13	S.	12	S.	10	S.	10	S.	11	S.	9	SE.	6	S.	7	S.	2	*NW.*	4	S.	7	17	S.
18	S.	17	SE.	16	S.	17	S.	17	S.	13	*SW.*	12	S.	7	N.	14	NE.	16	N.	5	S.	3	21	SE.
19	N.	10	N.	8	NW.	6	NE.	5	W.	8	W.	12	NW.	10	NW.	15	NW.	13	N.	9	N.	9	23	N.
20	S.	6	W.	13	W.	12	NW.	6	N.	5	NW.	27	NW.	21	W.	9	*N.*	7	W.	5	NW.	5	31	NW.
21	S.	7	SE.	9	S.	8	SE.	6	S.	4	W.	4	NW.	4	N.	6	NW.	5	N.	2	N.	4	11	SE.
22	NE.	11	N.	10	E.	5	NW.	12	NW.	13	NW.	12	N.	15	NW.	10	W.	13	E.	11	SE.	5	30	N.
23	NE.	7	N.	9	NW.	19	*S.*	4	SE.	7	S.	7	SW.	6	NW.	3	N.	5	N.	6	N	4	25	NW.
24	N.	6	E.	4	*E.*	3	S.	3	S.	4	SE.	5	S.	4	S.	4	C.	0	N.	4	N.	4	15	N.
25	N.	7	N.	9	S.	10	S.	9	SE.	13	S.	8	SE.	4	SE.	4	*W.*	2	N.	3	N.	3	16	SE.
26	S.	7	S.	9	S.	6	S.	7	S.	8	S.	7	S.	7	S.	4	S.	3	NE.	3	N.	5	10	N.
27	S.	8	S.	7	S.	8	S.	9	S.	7	S.	7	S.	7	S.	5	S.	3	NE.	5	N.	5	12	N.
28	S.	7	S.	8	S.	9	S.	8	S.	8	S.	6	S.	6	S.	1	N.	4	N.	5	N.	7	11	*N.*
29	S.	7	S.	7	S.	8	S.	7	S.	9	S.	10	S.	8	S.	2	S.	4	N.	6	N.	7	17	N.
30	S.	12	S.	12	S.	11	S.	11	S.	10	*S.*	20	E.	10	S.	8	S.	8	S.	3	S.	5	33	E.
31	S.	15	S.	16	S.	14	S.	14	S.	14	S.	15	S.	15	S.	10	*S.*	7	SE.	7	SE.	6	22	SE.
Mean	S.	8.6	S.	9.1	S.	8.6	S.	8.0	S.	8.5	S.	10.5	S.	9.5	S.	7.0	S.	6.1	N.	6.1	N.	6.6	.....	.....

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES.+

NOTE.—All eye readings are printed in *italics*.

September, 1894.] [Seventy-fifth

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	1.05	1.04	1.04	1.03	1.02	1.02	1.02	*1.03*	1.03	1.03	1.04	1.05	1.04	*1.02*	1.00	1.00	.98	.97	.98	*.98*	.99	1.00	.99	.99	1.01	1.05	.97
2	.99	.99	.99	.98	.98	.97	.97	*.97*	.97	.98	.98	.97	.97	*.94*	.94	.92	.90	.90	.90	*.91*	.95	1.00	1.00	.99	.96	1.00	.90
3	1.00	1.00	1.00	1.00	1.00	1.01	1.02	*1.03*	1.04	*1.05*	1.06	1.06	1.05	*1.05*	1.04	1.03	1.02	1.01	1.01	*1.01*	1.02	1.05	1.06	1.07	1.03	1.07	1.00
4	1.07	1.07	1.07	1.08	1.08	1.09	1.10	*1.13*	1.14	1.14	1.14	1.14	1.14	*1.14*	1.14	1.14	1.11	1.11	1.10	*1.10*	1.11	1.12	1.12	1.12	1.11	1.14	1.07
5	1.12	1.12	1.12	1.11	1.11	1.11	1.11	*1.11*	1.11	1.11	1.10	1.09	1.08	*1.06*	1.04	1.02	1.00	.98	.98	*.99*	.99	.99	.99	.99	1.06	1.12	.98
6	.98	.98	.97	.96	.96	.95	.94	*.94*	.94	.94	.94	.93	.93	*.92*	.91	.90	.87	.86	.85	*.85*	.85	.87	.88	.88	.92	.98	.85
7	.88	.88	.88	.88	.91	.93	.94	*.96*	.96	.96	98	.99	.98	*.97*	.97	.95	.93	.93	.93	*.94*	.99	1.01	1.05	1.06	.95	1.06	.88
8	1.07	1.08	1.08	1.09	1.11	1.11	1.12	*1.16*	1.14	1.14	1.14	1.15	1.16	*1.16*	1.15	1.14	1.14	1.13	1.14	*1.18*	1.18	1.18	1.19	1.19	1.14	1.19	1.07
9	1.19	1.19	1.19	1.18	1.18	1.17	1.17	*1.18*	1.18	1.18	1.19	1.20	1.18	*1.19*	1.19	1.20	1.20	1.20	1.19	*1.22*	1.24	1.27	1.30	1.31	1.20	1.31	1.17
10	1.33	1.35	1.35	1.35	1.37	1.40	1.43	*1.46*	1.46	*1.46*	1.45	1.45	1.41	*1.41*	1.39	1.36	1.32	1.30	1.29	*1.29*	1.30	1.31	1.31	1.31	1.37	1.46	1.29
11	1.31	1.31	1.28	1.27	1.26	1.25	1.25	*1.24*	1.22	1.22	1.20	1.18	1.16	*1.12*	1.10	1.08	1.05	1.04	1.03	*1.03*	1.04	1.06	1.06	1.06	1.16	1.31	1.03
12	1.06	1.04	1.03	1.02	1.01	1.00	1.00	*1.00*	1.00	1.00	.99	.96	.95	*.93*	.92	.91	.87	.84	.83	*.82*	.81	.83	.84	.84	.94	1.06	.81
13	.84	.85	.85	.85	.85	.84	.84	*.84*	.85	.85	.87	.89	.88	*.88*	.87	.86	.85	.85	.86	*.87*	.88	.90	.94	.97	.87	.97	.84
14	1.00	1.03	1.06	1.08	1.11	1.13	1.15	*1.16*	1.18	1.18	1.19	1.20	1.20	*1.17*	1.18	1.17	1.18	1.19	1.20	*1.21*	1.25	1.28	1.29	1.29	1.17	1.29	1.00
15	1.29	1.29	1.29	1.28	1.27	1.26	1.24	*1.24*	1.24	1.22	1.22	1.20	1.17	*1.15*	1.13	1.09	1.07	1.04	1.04	*1.04*	1.05	1.10	1.12	1.12	1.17	1.29	1.04
16	1.12	1.13	1.14	1.14	1.15	1.15	1.16	*1.17*	1.18	1.19	1.19	1.18	1.18	*1.15*	1.14	1.14	1.13	1.12	1.15	*1.16*	1.19	1.23	1.28	1.29	1.17	1.29	1.12
17	1.30	1.32	1.33	1.34	1.34	1.34	1.33	*1.33*	1.35	*1.35*	1.34	1.33	1.32	*1.30*	1.28	1.26	1.23	1.20	1.20	*1.21*	1.22	1.25	1.25	1.25	1.29	1.35	1.20
18	1.24	1.23	1.22	1.22	1.21	1.20	1.19	*1.19*	1.18	1.18	1.17	1.16	1.14	*1.12*	1.10	1.07	1.06	1.06	1.07	*1.07*	1.08	1.10	1.10	1.10	1.14	1.24	1.06
19	1.11	1.11	1.12	1.12	1.10	1.10	1.10	*1.10*	1.11	1.10	1.10	1.09	1.08	*1.06*	1.04	1.03	1.00	.99	1.03	*1.02*	1.04	1.04	1.04	1.04	1.07	1.12	.99
20	1.04	1.04	1.04	1.04	1.04	1.04	1.03	*1.03*	1.03	1.03	1.02	1.01	1.00	*.98*	.95	.94	.93	.94	.95	*.97*	1.00	1.03	1.05	1.05	1.01	1.05	.93
21	1.07	1.06	1.06	1.06	1.06	1.06	1.06	*1.05*	1.05	1.04	1.04	1.01	1.00	*.98*	.95	.96	.95	.97	.97	*.97*	.98	1.00	1.00	1.00	1.02	1.07	.95
22	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*1.00*	1.01	1.01	1.02	1.02	1.02	*1.00*	1.00	.98	.97	.97	.99	*1.07*	1.13	1.17	1.20	1.21	1.03	1.21	.97
23	1.21	1.23	1.23	1.23	1.23	1.22	1.27	*1.28*	1.29	1.30	1.30	1.31	1.31	*1.28*	1.29	1.28	1.27	1.27	1.25	*1.28*	1.30	1.32	1.33	1.34	1.28	1.34	1.21
24	1.34	1.35	1.35	1.34	1.32	1.32	1.32	*1.32*	1.33	*1.35*	1.32	1.32	1.30	*1.28*	1.25	1.23	1.21	1.21	1.22	*1.22*	1.23	1.24	1.25	1.25	1.29	1.35	1.21
25	1.23	1.22	1.20	1.19	1.16	1.15	1.15	*1.15*	1.15	1.15	1.14	1.12	1.09	*1.07*	1.04	1.01	.97	.97	.97	*.98*	1.00	1.00	1.01	1.02	1.09	1.23	.97
26	1.02	1.03	1.05	1.05	1.05	1.07	1.08	*1.10*	1.10	1.10	1.09	1.09	1.08	*1.06*	1.04	.99	.97	.98	.98	*.99*	1.00	1.01	1.01	1.00	1.04	1.10	.97
27	1.00	1.00	.99	.98	.97	.97	.97	*.97*	.98	.97	.96	.93	.91	*.87*	.84	.82	.79	.79	.78	*.77*	.77	.76	.75	.74	.89	1.00	.74
28	.74	.73	.72	.71	.70	.70	.70	*.70*	.70	.70	.71	.71	.71	*.70*	.69	.68	.66	.65	.65	*.68*	.71	.76	.80	.85	.71	.85	.65
29	.86	.87	.89	.89	.90	.92	.94	*.97*	1.00	1.03	1.04	1.05	1.05	*1.05*	1.04	1.03	1.02	1.02	1.06	*1.08*	1.11	1.12	1.13	1.14	1.01	1.14	.86
30	1.14	1.15	1.15	1.13	1.12	1.12	1.12	*1.12*	1.11	1.10	1.10	1.09	1.06	*1.03*	.99	.95	.90	.86	.83	*.81*	.80	.80	.81	.80	1.00	1.15	.80
Mean	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.10	1.10	1.10	1.10	1.10	1.08	1.07	1.05	1.04	1.02	1.01	1.01	1.02	1.04	1.06	1.07	1.08	1.07	1.16	.98

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

September, 1894.]

Day.	0–1h a. m.		1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Noon.		Noon–1h p. m.	
1	*E.*	4	N.	3	N.	3	N.	5	N.	7	N.	8	N.	8	N.	5	N.	4	N.	2	N.	2	*SE.*	6	N.	8
2	N.	6	N.	5	N.	6	N.	4	N.	5	N.	5	N.	7	N.	7	N.	5	N.	2	*N.*	2	S.	3	NW.	8
3	N.	6	N.	7	N.	5	N.	6	N.	9	N.	9	N.	9	N.	8	N.	8	N.	4	E.	4	SE.	5	NW.	7
4	N.	3	E.	2	S.	6	S.	8	*SW.*	9	N.	6	N.	7	N.	10	N.	3	N.	3	*E.*	6	SE.	15	SE.	14
5	N.	5	N.	7	N.	7	N.	7	N.	6	N.	8	N.	8	N.	8	N.	10	N.	5	E.	3	SE.	4	S.	7
6	N.	6	N.	9	N.	8	N.	5	N.	3	*W.*	5	S.	8	S.	7	S.	11	NW.	15	NW.	20	NW.	20	N.	18
7	NW.	16	NW.	14	*N.*	12	N.	15	*N.*	23	N.	23	N.	20	N.	17	N.	18	N.	20	*N.*	17	*N.*	13	N.	7
8	N.	23	N.	21	N.	18	N.	19	N.	14	N.	11	N.	11	N.	11	N.	9	N.	14	N.	17	N.	15	N.	13
9	N.	4	N.	5	N.	4	N.	4	N.	6	N.	5	N.	7	N.	6	N.	5	N.	4	N.	4	*N.*	9	N.	14
10	N.	18	N.	17	N.	15	N.	16	N.	12	*N.*	11	*N.*	11	*S.*	8	W.	2	*S.*	5	*S.*	10	SE.	5	SE.	8
11	SE.	1	*E.*	4	NE.	3	N.	6	N.	5	N.	5	N.	7	N.	6	N.	5	N.	3	*N.*	2	NE.	2	SE.	6
12	N.	5	N.	6	N.	8	N.	9	N.	9	N.	9	N.	11	N.	10	N.	7	N.	5	*N.*	3	E.	6	SW.	20
13	S.	7	SE.	9	SE.	11	*S.*	6	S.	7	SE.	13	SE.	14	SE.	9	*E.*	10	E.	14	E.	11	*E.*	8	S.	14
14	NE.	14	NE.	19	NE.	17	N.	15	N.	11	N.	10	*N.*	7	N.	6	*N.*	6	*N.*	3	SE.	10	SE.	21	SE.	22
15	N.	6	N.	6	N.	6	N.	6	N.	6	N.	8	N.	7	N.	8	N.	7	*N.*	3	NW.	9	*S.*	3	SW.	7
16	N.	10	N.	12	N.	8	N.	9	N.	10	N.	9	N.	10	N.	11	*N.*	10	NE.	5	N.	9	N.	4	S.	5
17	NE.	3	NE.	4	NE.	5	N.	5	N.	6	N.	6	N.	6	N.	7	N.	6	N.	5	*E.*	6	S.	8	SE.	10
18	*N.*	3	*NE.*	4	N.	6	N.	5	N.	7	N.	8	N.	8	N.	10	N.	5	N.	4	NW.	12	NW.	11	N.	13
19	*NE.*	5	NW.	8	NW.	5	NW.	5	N.	7	N.	8	N.	8	N.	7	N.	6	N.	5	NW.	9	N.	6	NE.	8
20	N.	9	N.	12	N.	6	N.	7	N.	8	N.	10	N.	7	N.	7	N.	7	N.	7	N.	4	SE.	5	NW.	11
21	N.	9	N.	9	N.	8	N.	8	N.	6	N.	7	N.	8	N.	8	N.	9	N.	5	*N.*	4	SE.	5	S.	7
22	NW.	12	NW.	4	*NW.*	8	N.	12	NW.	12	N.	10	*NE.*	6	N.	4	N.	3	NW.	4	W.	3	W.	4	SE.	3
23	NE.	15	NE.	11	NE.	4	NE.	2	*NE.*	3	N.	4	N.	5	N.	3	*N.*	3	SE.	11	SE.	15	SE.	17	SE.	22
24	SE.	11	SE.	9	SE.	3	SE.	1	SE.	3	SE.	3	*SE.*	5	N.	5	N.	5	*N.*	2	*S.*	3	SE.	3	SE.	4
25	NE.	5	N.	7	N.	8	N.	8	N.	7	N.	6	NE.	5	N.	7	NE.	8	N.	6	NE.	3	E.	4	*SE.*	6
26	NW.	8	NW.	8	NW.	11	*SW.*	3	*NE.*	3	*SW.*	2	N.	5	*NE.*	3	*NW.*	5	NE.	2	*NE.*	4	SE.	5	SE.	12
27	N.	7	N.	8	N.	8	*NW.*	9	*W.*	5	SE.	3	*SE.*	4	*NE.*	5	N.	5	N.	5	E.	2	SE.	4	SE.	4
28	SW.	8	SW.	9	S.	10	*S.*	13	S.	11	*NW.*	3	*N.*	3	N.	6	N.	4	*N.*	3	*E.*	8	N.	15	N.	21
29	N.	14	NE.	10	NE.	4	NE.	2	NE.	3	*N.*	3	*SE.*	5	*N.*	3	*N.*	10	N.	11	NE.	17	NE.	11	NE.	5
30	SE.	8	S.	9	S.	11	*SE.*	8	E.	4	S.	2	*SE.*	3	N.	5	N.	3	*N.*	3	NE.	4	NE.	2	SE.	3
Mean	N.	8.4	N.	8.6	N.	7.8	N.	7.6	N.	7.6	N.	7.3	N.	7.7	N.	7.2	N.	6.6	N.	6.0	NE.	7.2	SE.	8.0	SE.	10.2

COLORADO SPRINGS, COLO.

TEMPERATURE.

NOTE.—All eye readings are printed in *italics*.

Meridian Time.] [September, 1894.

Day.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Max.	Min.
1	57	55	54	50	49	48	49	*51*	54	63	70	76	78	*73*	81	79	78	78	72	*73*	72	71	68	67	65.5	81	48
2	62	62	61	60	69	58	55	*54*	61	71	73	76	78	*79*	79	77	80	80	79	*74*	67	66	66	62	68.7	82	51
3	58	59	57	53	52	51	53	*52*	57	*66*	70	72	74	*75*	76	77	78	78	76	*74*	70	65	63	60	65.2	80	48
4	60	63	66	68	68	62	59	*58*	58	65	67	69	73	*69*	64	70	70	71	71	*67*	66	64	61	59	65.3	73	55
5	58	54	51	51	48	47	48	*49*	56	64	68	70	72	*70*	74	80	76	75	74	*70*	67	65	62	58	62.8	80	46
6	56	54	54	57	61	65	63	*63*	68	70	72	74	75	*75*	77	78	78	78	78	*74*	72	70	67	70	68.7	80	52
7	70	68	60	60	56	55	54	*53*	56	57	60	63	67	*68*	69	70	71	67	68	*67*	62	53	52	52	61.6	71	52
8	52	52	50	50	48	49	49	47	48	50	52	53	55	*57*	54	58	56	58	53	*50*	50	49	47	45	51.3	59	46
9	45	46	45	45	46	45	45	*46*	47	50	56	58	59	*60*	59	59	59	59	58	*58*	57	57	51	51	52.5	60	44
10	50	49	49	49	49	48	47	*46*	47	*48*	50	52	54	*57*	57	59	59	58	57	*54*	51	48	47	45	51.2	59	45
11	43	42	41	39	39	38	38	*38*	42	50	54	57	58	*60*	62	63	64	64	64	*62*	59	56	53	51	51.5	64	37
12	50	47	47	45	45	44	45	*45*	49	59	64	70	71	*72*	73	74	75	74	74	*69*	66	63	65	64	60.4	75	42
13	63	63	59	56	60	66	64	*64*	66	68	71	72	73	*74*	75	76	77	75	74	*71*	70	69	58	56	67.5	77	55
14	56	53	51	51	49	48	44	*40*	43	46	49	53	56	*59*	62	63	64	63	62	*58*	54	50	45	44	52.6	64	39
15	38	37	37	39	37	36	34	*34*	39	48	56	59	62	*66*	68	70	72	70	69	*65*	62	58	51	49	52.3	72	34
16	48	45	45	43	48	46	47	*46*	56	58	62	67	67	*68*	69	70	69	68	66	*62*	59	55	57	55	57.3	70	42
17	49	44	42	38	38	37	37	*36*	40	*52*	55	59	60	*62*	63	65	67	67	66	*62*	60	58	57	55	52.9	67	34
18	53	49	47	44	43	42	43	*44*	55	66	69	73	74	*75*	74	77	74	74	72	*69*	69	65	62	61	61.4	77	41
19	60	63	59	54	54	52	53	*52*	55	66	73	73	74	*74*	76	76	75	73	72	*63*	65	64	59	54	64.3	77	48
20	51	54	53	49	52	53	46	*47*	49	59	67	70	73	*76*	77	79	78	76	73	*70*	65	62	56	54	62.0	80	44
21	51	54	50	47	45	44	45	*48*	52	61	67	70	72	*75*	77	76	75	75	73	*66*	69	71	71	70	62.7	78	41
22	68	64	66	67	67	67	59	*55*	57	62	68	72	74	*76*	79	80	81	79	78	*68*	61	56	52	48	66.8	81	54
23	46	44	42	41	39	35	34	*37*	39	44	46	49	51	*53*	54	55	55	54	53	*49*	47	45	43	43	45.8	55	33
24	42	41	39	37	33	32	30	*29*	33	*41*	45	47	51	*55*	56	56	59	60	59	*56*	50	49	47	45	45.5	60	28
25	40	38	38	37	38	39	43	*44*	52	61	72	75	77	*78*	80	80	81	82	79	*76*	74	73	72	70	62.5	82	37
26	67	70	65	61	59	57	58	*55*	60	69	74	75	77	*77*	78	81	80	77	75	*71*	69	62	56	55	67.8	81	55
27	54	49	51	65	54	52	51	*48*	55	65	71	74	76	*75*	78	78	77	77	75	*70*	65	68	59	65	64.7	78	46
28	67	67	66	63	62	58	55	*52*	55	60	64	63	58	*60*	65	69	69	69	66	*64*	62	49	46	43	60.5	70	48
29	43	41	41	39	38	35	33	*36*	40	44	47	52	54	*55*	56	57	57	59	57	*53*	51	51	50	49	47.4	58	33
30	42	45	44	40	39	35	33	*34*	38	44	48	50	55	*58*	62	65	67	69	61	*62*	58	55	53	52	50.4	69	29
Mean	53.3	52.4	51.0	49.9	49.5	48.1	47.1	46.8	50.9	57.6	62.0	64.8	66.6	67.9	69.1	70.6	70.7	70.2	68.5	65.1	62.3	59.6	56.5	55.1	59.0	72.0	43.6

WIND—DIRECTION AND VELOCITY (MILES PER HOUR).

Italics indicate additional directions.

[September, 1894.

Day.	1–2h		2–3h		3–4h		4–5h		5–6h		6–7h		7–8h		8–9h		9–10h		10–11h		11–Mid.		Max.	Direction.
1	N.	7	N.	5	E.	6	E.	10	S.	6	NE.	13	N.	14	NW.	12	NW.	6	W.	11	W.	8	22	NE.
2	W.	5	SW.	12	SW.	10	N.	10	NE.	4	SW.	4	*N.*	11	N.	22	N.	17	NW.	11	NW.	8	30	N.
3	NW.	7	SW.	7	SW.	7	N.	4	NE.	8	SW.	7	*E.*	7	N.	5	N.	2	NW.	3	NW.	3	12	S.
4	S.	12	NW.	10	W.	8	SW.	16	W.	10	S.	8	SE.	6	W.	10	N.	7	NW.	5	N.	5	24	SW.
5	S.	7	S.	6	S.	5	S.	5	S.	7	SW.	4	E.	10	E.	8	N.	5	N.	5	N.	7	16	*E.*
6	NW.	9	S.	7	*S.*	4	S.	3	E.	4	*N.*	2	SW.	6	*SE.*	4	SW.	3	NW.	3	W.	8	27	W.
7	E.	6	*E.*	10	*S.*	12	*S.*	13	*S.*	9	NW.	4	NW.	5	*NW.*	6	N.	27	N.	27	N.	26	34	NW.
8	N.	9	*N.*	11	*N.*	6	N.	9	N.	2	N.	10	*S.*	6	*N.*	3	*E.*	3	*S.*	3	*N.*	5	26	N.
9	N.	18	NE.	17	N.	15	N.	14	N.	13	N.	15	N.	10	N.	7	N.	9	N.	20	N.	18	26	N.
10	SE.	5	SE.	9	SE.	11	SE.	13	SE.	13	SE.	13	SE.	11	SE.	8	SE.	8	SE.	6	SE.	5	24	N.
11	SE.	5	SE.	7	SE.	9	SE.	10	SE.	7	SE.	7	*S.*	6	S.	5	S.	3	*SE.*	4	NW.	3	13	SE.
12	SW.	20	SW.	22	S.	19	S.	19	S.	15	S.	18	S.	12	S.	6	S.	2	SE.	5	S.	8	25	SW.
13	S.	17	SW.	21	SW.	19	SW.	20	SW.	21	SW.	22	SW.	15	SW.	10	S.	8	*S.*	11	NE.	18	35	SW.
14	*S.*	20	SW.	18	*SW.*	18	NW.	18	NW.	15	NW.	16	NW.	8	*NW.*	4	*NE.*	3	*NE.*	4	N.	5	31	NW.
15	SW.	6	W.	11	SW.	13	SW.	15	SW.	12	W.	14	SW.	12	*S.*	6	*NW.*	2	N.	7	N.	7	20	W.
16	S.	12	S.	14	S.	15	S.	17	SE.	16	SE.	10	SE.	7	S.	3	*S.*	4	NE.	4	NE.	5	20	S.
17	SE.	13	SE.	14	SE.	18	SE.	16	SE.	14	S.	16	S.	13	S.	12	SE.	11	SE.	11	SE.	8	20	SE.
18	*NE.*	11	NW.	11	*NE.*	8	*NE.*	6	S.	3	*S.*	5	*W.*	3	SW.	12	*W.*	5	*N.*	5	N.	7	24	SW.
19	E.	6	E.	6	S.	8	S.	8	S.	7	SW.	12	S.	9	*SW.*	3	NW.	3	*NW.*	4	N.	6	30	S.
20	NW.	10	NW.	9	NW.	13	NW.	14	NE.	14	NE.	7	*NE.*	3	*SW.*	4	*N.*	5	N.	8	N.	9	23	W.
21	S.	6	NW.	7	*NW.*	6	SE.	5	*E.*	11	N.	5	N.	3	NW.	5	NW.	12	NW.	18	NW.	14	20	NW.
22	SE.	8	*SE.*	7	SW.	6	SW.	8	S.	10	SE.	8	NE.	18	N.	19	N.	19	N.	19	*N.*	18	28	NE.
23	SE.	22	SE.	21	SE.	17	SE.	19	SE.	19	SE.	18	SE.	14	SE.	12	SE.	8	SE.	7	SE.	10	26	NE.
24	*S.*	8	SE.	11	SE.	14	SE.	12	SE.	13	SE.	11	*SE.*	7	S.	2	*E.*	3	E.	2	*E.*	3	16	SE.
25	*NE.*	7	*SE.*	7	W.	8	*S.*	5	*SW.*	6	*SW.*	9	NW.	12	NW.	7	NW.	6	NW.	17	*N.*	7	25	NW.
26	SE.	15	SE.	16	SE.	19	SW.	18	SW.	17	S.	14	S.	12	S.	10	S.	4	*N.*	5	N.	5	26	SW.
27	SW.	13	SW.	15	SW.	16	S.	12	S.	13	S.	11	S.	10	S.	2	*S.*	4	NE.	4	NE.	5	22	SW.
28	*N.*	22	NE.	13	*NE.*	13	S.	19	*S.*	22	S.	16	*S.*	15	*SW.*	11	*SW.*	18	NE.	27	*NE.*	20	33	N.
29	S.	8	*S.*	12	SE.	12	S.	15	SE.	12	SE.	15	S.	13	S.	9	*SE.*	8	SE.	10	SE.	10	20	NE.
30	SE.	5	S.	9	SE.	14	*SE.*	13	S.	10	S.	11	S.	25	SE.	22	SE.	23	SE.	17	SE.	9	26	S.
Mean	SE.	10.6	SE.	11.5	SE.	11.6	S.	12.2	S.	11.1	S.	10.8	S.	10.3	S.	8.3	N.	7.9	N.	9.4	N.	9.0	.....	.....

MONTHLY AND ANNUAL SUMMARY.

PIKES PEAK, COLO.

PRESSURE, 17 INCHES +.

[Seventy-fifth

Month.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.
1894.												
January	.462	.454	.443	.438	.437	.430	.423	.427	.441	.456	.473	.481
February	.452	.451	.446	.436	.429	.422	.424	.436	.445	.456	.468	.476
March	.546	.541	.532	.526	.507	.502	.503	.510	.522	.533	.542	.555
April	.677	.672	.664	.652	647	.643	.634	.645	.659	.672	.679	.686
May	.826	.818	.808	.805	.800	.795	.796	.801	.812	.830	.839	.850
June	.899	.888	.877	.869	.860	.857	.858	.863	.874	.891	.900	.907
July	1.121	1.116	1.110	1.105	1.103	1.103	1.104	1.105	1.110	1.116	1.123	1.130
August	1.119	1.115	1.100	1.105	1.101	1.098	1.097	1.100	1.103	1.111	1.119	1.125
September	.931	.926	.919	.910	.902	.899	.894	.893	.897	.907	.926	.929

PIKES PEAK, COLO. (TEMPERATURE).

Month.	1h a. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Noon.
1894.												
January	0.1	0.0	—0.3	—0.1	0.1	—0.3	—0.1	—0.4	—0.2	0.1	0.7	1.5
February	—1.6	—1.3	—1.3	—1.3	—1.6	—1.7	—1.6	—1.6	—1.4	—1.3	0.2	0.7
March	7.4	7.1	7.0	6.7	6.3	6.3	6.3	6.1	6.2	6.8	7.4	8.5
April	12.9	12.5	12.3	12.3	12.1	12.0	12.0	11.8	12.5	13.3	14.7	16.0
May	22.8	22.4	22.1	21.9	21.6	21.4	21.3	21.8	22.3	23.5	24.8	26.4
June	27.7	27.2	26.9	26.8	26.1	26.0	25.8	25.8	26.2	27.3	28.4	29.8
July	35.2	34.9	34.9	34.7	34.5	34.5	34.4	35.1	36.2	37.2	38.0	39.0
August	34.4	34.3	34.1	33.8	33.9	33.7	33.6	34.1	34.9	36.3	37.1	37.7
September	27.3	26.8	26.5	26.5	26.2	25.7	25.6	25.7	26.1	26.7	27.6	28.6

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

1894.												
January	.900	.898	.896	.896	.900	.896	.899	.902	.905	.909	.912	.914
February	.942	.940	.939	.940	.936	.935	.940	.945	.952	.958	.958	.956
March	.930	.930	.932	.928	.918	.916	.921	.928	.934	.933	.933	.925
April	.975	.981	.979	.977	.978	.981	.985	.992	.996	.994	.988	.980
May	1.046	1.048	1.051	1.049	1.050	1.051	1.054	1.059	1.059	1.058	1.051	1.044
June	1.044	1.046	1.045	1.045	1.047	1.052	1.063	1.068	1.069	1.068	1.060	1.053
July	1.203	1.200	1.198	1.196	1.195	1.197	1.205	1.213	1.216	1.219	1.216	1.214
August	1.212	1.210	1.205	1.202	1.199	1.197	1.202	1.210	1.215	1.216	1.218	1.216
September	1.087	1.090	1.090	1.087	1.086	1.087	1.091	1.098	1.101	1.102	1.101	1.096

COLORADO SPRINGS, COLO. (TEMPERATURE).

1894.												
January	24.8	23.3	22.3	22.0	22.0	21.7	20.8	21.0	20.3	21.9	27.3	32.2
February	17.8	17.7	17.4	17.5	17.4	16.9	16.1	15.3	14.7	17.4	22.9	27.2
March	33.3	33.5	32.8	31.9	31.5	29.9	29.1	28.7	29.0	32.4	36.9	40.2
April	42.7	41.0	38.9	38.2	37.1	36.8	35.9	36.6	40.2	44.8	47.6	50.3
May	52.1	50.0	48.5	47.7	47.0	46.2	45.7	47.7	51.5	55.5	58.1	60.1
June	56.9	55.5	55.4	54.4	53.4	51.9	50.8	53.5	57.9	61.4	63.9	66.3
July	62.2	61.2	59.9	58.6	58.0	57.8	57.4	59.1	62.4	66.5	69.5	72.1
August	60.3	58.9	57.7	57.1	56.3	54.9	54.7	55.3	59.6	65.5	69.3	71.5
September	53.3	52.4	51.0	49.9	49.5	48.1	47.1	46.8	50.9	57.6	62.0	64.8

MONTHLY AND ANNUAL SUMMARY.

PIKES PEAK, COLO.

Meridian Time.] PRESSURE, 17 INCHES +.

1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	Month.
															1894.
.482	.472	.461	.461	.462	.464	.468	.468	.468	.467	.465	.464	.457	.532	.383	.....Jan.
.480	.474	.463	.455	.457	.458	.456	.459	.462	.463	.461	.461	.454	.518	.386	.....Feb.
.565	.567	.566	.567	.572	.573	.571	.571	.570	.567	.564	.561	.547	.627	.475	.....Mar.
.689	.688	.693	.694	.693	.691	.691	.692	.689	.692	.691	.691	.676	.754	.594	.....Apr.
.854	.854	.853	.852	.846	.843	.840	.837	.837	.840	.843	.839	.830	.886	.769	.....May
.911	.912	.909	.908	.909	.903	.898	.903	.905	.909	.913	.913	.893	.944	.837	.....June
1.134	1.135	1.131	1.128	1.124	1.118	1.115	1.113	1.112	1.113	1.119	1.122	1.117	1.145	1.088	.....July
1.126	1.126	1.126	1.121	1.115	1.114	1.112	1.107	1.104	1.111	1.115	1.114	1.112	1.139	1.088	.....Aug.
.932	.939	.939	.939	.934	.931	.933	.931	.928	.932	.930	.926	.922	.977	.866	.....Sept.

PIKES PEAK, COLO. (TEMPERATURE).

1h p. m.	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	Mid.	Mean.	Mean max.	Mean min.	Month.
															1894.
2.0	2.6	3.0	3.4	3.1	2.7	1.8	0.8	0.5	0.2	0.2	0.0	0.9	5.4	—4.3	.....Jan.
1.9	2.6	2.7	2.6	2.5	2.0	1.0	0.1	—0.2	—0.6	—1.1	—1.4	—0.1	4.4	—5.3	.....Feb.
9.6	10.6	11.3	11.8	12.0	11.0	10.1	9.2	8.5	8.1	7.9	7.4	8.3	13.8	3.4	.....Mar.
17.0	18.4	19.0	19.6	19.8	19.4	18.3	17.1	15.8	14.9	14.3	13.7	15.1	21.8	9.4	.....Apr.
27.5	28.4	28.7	29.0	29.0	28.5	27.8	26.9	25.3	24.9	24.0	23.4	24.8	31.0	20.1	.....May
30.5	31.5	32.0	32.3	32.2	32.0	31.4	30.8	30.2	29.6	29.0	28.7	28.9	34.2	24.3	.....June
39.5	40.2	40.3	40.4	39.5	38.7	37.8	37.3	36.2	35.7	35.5	35.1	36.9	42.2	32.4	.....July
38.2	38.7	38.9	38.7	38.6	38.5	38.0	37.0	35.9	35.6	35.2	34.7	36.1	40.9	31.4	.....Aug.
29.8	31.3	32.2	33.0	33.4	32.8	32.1	30.7	29.9	29.2	28.5	27.5	28.7	34.9	23.6	.....Sept.

COLORADO SPRINGS, COLO.

PRESSURE, 23 INCHES +.

															1894.
.906	.876	.858	.845	.844	.850	.862	.878	.888	.895	.901	.902	.889	.994	.789	.....Jan.
.950	.936	.915	.899	.888	.891	.904	.922	.932	.936	.938	.940	.933	1.026	.831	.....Feb.
.916	.908	.891	.880	.866	.866	.878	.897	.911	.922	.934	.937	.914	1.022	.820	.....Mar.
.964	.945	.934	.922	.901	.896	.904	.917	.932	.951	.965	.970	.959	1.060	.855	.....Apr.
1.034	1.016	1.009	.999	.985	.979	.984	.992	1.007	1.023	1.039	1.046	1.031	1.117	.953	.....May
1.040	1.025	1.012	1.001	.983	.971	.969	.979	.986	1.004	1.028	1.036	1.029	1.099	.957	.....June
1.208	1.198	1.184	1.178	1.165	1.163	1.168	1.173	1.178	1.187	1.203	1.206	1.195	1.243	1.140	.....July
1.207	1.195	1.186	1.174	1.157	1.150	1.153	1.159	1.170	1.185	1.195	1.203	1.193	1.242	1.141	.....Aug.
1.085	1.068	1.054	1.038	1.018	1.012	1.014	1.024	1.040	1.060	1.072	1.076	1.070	1.160	.984	.....Sept.

COLORADO SPRINGS, COLO. (TEMPERATURE).

															1894.
35.5	37.3	38.4	39.3	39.2	38.2	35.5	32.7	29.9	28.0	26.3	26.3	28.6	42.0	14.6	.....Jan.
29.3	30.9	31.0	31.9	31.8	31.4	29.3	26.2	23.7	21.4	20.3	19.4	22.7	35.8	10.0	.....Feb.
42.9	44.9	46.1	46.8	47.0	47.0	45.9	43.6	40.8	38.8	36.3	34.8	37.7	49.6	24.9	.....Mar.
52.4	54.6	56.2	57.0	57.6	57.2	56.5	55.1	52.2	49.5	47.2	45.3	47.1	59.7	32.0	.....Apr.
62.2	63.7	64.5	65.1	65.1	64.8	64.0	62.5	60.4	57.8	56.0	53.8	56.2	68.1	43.2	.....May
68.5	70.0	71.4	72.1	72.6	72.3	71.5	69.8	67.4	64.6	61.8	59.6	62.6	75.0	48.5	.....June
74.0	75.2	75.8	76.0	74.8	73.7	72.6	71.7	69.5	67.7	65.6	63.9	66.9	78.4	55.2	.....July
72.7	74.3	74.4	75.3	75.5	75.1	72.3	71.0	67.7	64.9	63.6	61.8	65.4	78.1	52.4	.....Aug.
66.6	67.9	69.1	70.6	70.7	70.2	68.5	65.1	62.3	59.6	56.5	55.1	59.0	72.0	43.6	.....Sept.

MONTHLY AND ANNUAL SUMMARY—Continued.

Wind—Most frequent direction and average hourly velocity.

PIKES PEAK, COLO.

{Seventy-fifth

Month.	1h a. m.		2h		3h		4h		5h		6h		7h		8h		9h		10h		11h		Noon.	
1894.																								
Jan	W. SW.	33.4	NW.	35.0	W.	35.9	NW.	36.4	NW. W.	33.6	W. NW.	33.4	W.	34.8	W.	33.4	NW.	32.8	NW.	32.3	W.	30.5	W.	28.7
Feb	W.	29.1	W.	27.4	W.	28.5	W.	29.0	W.	28.6	W.	28.9	W.	28.8	NW.	27.5	SW.	27.9	W. NW.	28.7	NW. W.	28.0	W. NW.	26.8
Mar	W.	37.7	W.	37.7	W.	38.2	W.	40.0	W.	40.5	W.	40.1	W.	38.1	W.	38.3	W.	40.9	W.	39.6	W.	37.1	W.	34.4
Apr	SW.	30.0	SW.	30.3	SW.	31.4	SW.	33.2	W.	34.0	W.	32.6	W.	30.8	W.	31.1	W.	28.9	W.	25.5	W.	24.6	W.	22.2
May	SW. W.	23.9	W. SW.	25.2	W.	26.8	SW.	26.3	SW.	26.4	W.	26.1	W.	25.5	W.	26.2	W. SW.	23.8	W.	20.5	W.	18.7	W.	16.1
June	W.	26.7	W.	28.5	W.	31.3	SW.	32.4	SW.	32.2	SW.	32.4	SW.	31.7	SW.	30.5	SW.	29.7	SW.	28.6	SW.	25.7	SW.	22.6
July	NE. SW.	14.7	SW.	16.1	W. SW.	16.1	W.	16.4	W.	17.1	W.	17.3	W.	16.5	W.	16.0	W.	14.5	NE.	13.0	NE.	12.3	W. NE.	10.8
Aug	S. NE.	14.9	NE.	15.2	NE.	15.0	W.	14.8	NE.	14.6	W. NE.	13.8	NE.	13.5	NE.	13.2	NE.	12.0	NE.	11.1	NE.	10.9	NE.	9.7
Sept	W.	24.7	SW. W.	25.3	W.	25.5	W.	26.9	W.	29.1	W.	28.1	W.	28.3	W.	29.2	W.	28.0	W.	25.6	SW. W.	23.0	W.	20.4

COLORADO SPRINGS, COLO.

Month.	1h a. m.		2h		3h		4h		5h		6h		7h		8h		9h		10h		11h		Noon.	
1894.																								
Jan	N.	9.5	N.	9.6	N.	10.1	N.	10.1	N.	9.3	N.	8.9	N.	10.3	N.	10.3	N.	10.3	N.	10.3	N.	10.3	N.	10.8
Feb	N.	9.4	N.	9.3	N.	9.1	N.	9.1	N.	9.6	N.	9.4	N.	8.8	N.	7.9	N.	8.5	N.	9.0	N.	9.8	N.	9.5
Mar	N.	9.6	N.	9.6	N.	10.5	N.	10.7	N.	10.5	N.	9.7	N.	9.3	N.	8.5	N.	9.3	N.	10.1	N.	10.1	S.	12.1
Apr	N.	8.0	N.	8.1	N.	9.1	N.	8.7	N.	8.7	N.	8.6	N.	8.9	N.	8.8	N.	9.0	N.	8.8	SE.	11.5	S.	13.7
May	N.	9.5	N.	9.4	N.	8.1	N.	6.5	N.	6.3	N.	7.3	N.	8.3	N.	8.9	N.	8.0	N.	6.8	S.	7.1	S.	8.8
June	N.	7.9	N.	7.9	N.	8.0	N.	8.3	N.	7.7	N.	7.7	N.	7.2	N.	6.5	N.	6.4	N.	6.6	E.	8.8	S.	10.2
July	N.	6.2	N.	5.6	N.	5.7	N.	6.3	N.	6.1	N.	6.3	N.	7.2	N.	7.2	N.	7.9	N.	8.2	N.	8.1	SE.	8.7
Aug	N.	6.5	N.	6.7	N.	6.9	N.	6.7	N.	6.0	N.	5.6	N.	6.3	N.	6.3	N.	5.9	N.	4.3	N.	4.3	N. S.	6.4
Sept	N.	8.4	N.	8.6	N.	7.8	N.	7.6	N.	7.6	N.	7.3	N.	7.7	N.	7.2	N.	6.6	N.	6.0	NE.	7.2	SE.	8.0

MONTHLY AND ANNUAL SUMMARY—Continued.

Wind—Most frequent direction and average hourly velocity.

PIKES PEAK, COLO.

Meridian Time.]

1h p.m.		2h		3h		4h		5h		6h		7h		8h		9h		10h		11h		Mid.		Month.
																								1894.
W.	29.2	SW.	29.0	SW.	29.4	W.	29.3	W., NW.	28.9	W.	32.3	NW.	33.0	W.	34.1	W., NW.	35.6	NW., W.	34.6	NW.	34.0	NW., W.	32.8	.... Jan.
W.	24.4	W.	24.3	W.	25.3	W.	26.8	W.	26.6	W.	27.9	W.	27.0	W.	28.5	W.	27.8	W.	27.0	W.	27.5	W.	28.9	.... Feb.
W.	31.5	W.	27.8	W.	26.7	W.	26.2	W.	25.9	SW.	26.5	SW.	29.4	SW.	30.5	W.	32.1	W.	35.0	W.	37.5	W.	38.5	.... Mar.
W.	21.3	W.	19.2	W.	19.2	SW.	19.5	SW.	18.8	SW.	18.4	SW.	19.2	SW.	20.4	SW.	22.7	SW.	24.0	SW.	25.8	SW.	30.0	.... Apr.
SW.	16.2	SW.	16.0	SW.	17.8	SW.	18.2	W., SW.	18.9	W.	18.2	SW.	18.5	SW.	18.9	SW.	19.3	W.	20.8	W.	22.5	W.	23.2	.... May
SW.	22.3	SW.	24.2	SW.	23.4	SW.	22.8	SW.	24.5	SW.	24.9	SW.	23.9	SW.	25.1	SW.	24.5	SW.	24.3	SW.	24.2	SW.	25.0	.... June
W., E.	10.0	E.	10.4	E.	11.0	E.	11.4	NE.	11.8	E.	13.4	E.	14.0	E.	13.4	NE.	14.0	NE.	15.1	NE.	15.8	NE., SW.	16.2	.... July
NE.	9.8	E., NE.	9.9	E.	10.4	E.	10.5	NE.	10.9	NE.	10.2	E.	10.8	NE.	10.4	NE.	11.5	NE.	11.9	NE.	12.1	NE.	13.1	.... Aug.
W.	19.6	SW., W.	16.6	SW.	16.0	SW., W.	15.9	W.	15.8	W.	15.9	S.	16.3	SW., W.	17.8	SW.	20.2	SW.	21.5	SW.	23.7	SW., W	25.1	.... Sept.

COLORADO SPRINGS, COLO.

																								1894.
SE.	13.0	S.	14.0	S.	14.7	S.	14.7	NW.	14.4	NW.	14.3	S.	13.6	N.	11.4	N.	11.5	N.	10.4	N.	9.5	N.	8.4	.... Jan.
S.	1.1	S.	10.9	S.	11.7	S.	12.2	S., SE.	12.6	S.	12.1	S.	10.7	S.	8.3	S.	6.9	N.	6.3	N.	7.5	N.	8.7	.... Feb.
SE.	14.5	SE.	15.0	SE.	17.3	SE.	16.9	SE., S.	16.6	SE.	17.6	NW.	17.2	S.	14.5	S.	14.7	N., SE.	10.8	N.	10.4	N.	9.8	.... Mar.
S.	16.2	S.	18.4	S.	19.1	SE.	19.5	S., SE.	17.7	S., SE.	17.5	S., N.	17.0	N.	15.6	N.	12.2	N.	9.6	N.	8.7	N.	8.5	.... Apr.
S.	10.2	S.	12.5	S.	14.8	S.	16.7	S.	16.1	S.	16.0	S.	15.3	SE.	15.0	S.	12.7	S.	10.6	N.	9.5	N.	9.5	.... May
S.	11.6	S.	13.8	S.	14.6	S.	15.6	S.	15.1	S.	15.4	S.	14.4	S.	14.5	S.	11.9	N.	9.2	N.	9.1	N.	8.7	.... June
S.	9.2	S.	9.7	S.	9.5	S.	9.1	S.	10.3	S.	10.2	S.	9.8	N.	8.2	N.	8.0	N.	6.8	N.	6.5	N.	5.6	.... July
S.	7.9	S.	8.6	S.	9.1	S.	8.6	S.	8.0	S.	8.5	S.	10.5	S.	9.5	S.	7.0	S.	6.1	N.	6.1	N.	6.6	.... Aug.
SE.	10.2	SE.	10.6	SE.	11.5	SE.	11.6	S.	12.2	S.	11.1	S.	10.8	S.	10.3	S.	8.3	N.	7.9	N.	9.4	N.	9.0	.... Sept.

Blank page retained for pagination

SNOWFALL AT WEATHER BUREAU STATIONS, SEASON 1894–95.

[INCHES AND TENTHS.]

[The figures in the table give the actual depth of snowfall for each month of the period September, 1894–June, 1895, as determined by ground measurements where the snow appeared to be of average depth.]

Stations.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.	Total.
	Inches.	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*
Abilene, Tex	.....	.....	.....	.....	6.0	7.2	.....	.....	.....	.....	13.2
Albany, N. Y	.....	T.	8.6	24.4	13.5	15.6	6.3	T.	.....	.....	68.4
Alpena, Mich	.....	.....	10.4	3.1	23.2	6.3	1.9	1.8	5.0	.....	51.7
Amarillo, Tex	.....	.....	.....	4.5	18.0	6.8	0.8	6.5	.....	.....	36.6
Astoria, Oreg	.....	.....	.....	T.	3.5	0.3	.....	.....	.....	.....	3.8
Atlanta, Ga	.....	.....	.....	1.6	T.	11.6	T.	.....	.....	.....	13.2
Atlantic City, N. J.*	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....
Augusta, Ga	.....	.....	.....	1.5	T.	2.6	.....	.....	.....	.....	4.1
Baker City, Oreg	.....	.....	.....	13.6	25.5	5.3	7.5	1.2	.....	.....	53.1
Baltimore, Md	.....	.....	T.	3.0	5.0	9.3	0.6	.....	.....	.....	17.9
Bismarck, N. Dak	.....	0.5	T.	0.5	8.9	3.3	1.3	0.4	T.	.....	14.9
Block Island, R. I	.....	.....	T.	0.6	6.8	10.1	7.5	.....	.....	.....	25.1
Boston, Mass	.....	.....	6.4	13.5	13.9	8.8	3.8	0.5	.....	.....	46.9
Buffalo, N. Y	.....	T.	7.6	9.0	33.6	14.7	8.8	.....	.....	.....	73.7
Cairo, Ill	.....	.....	.....	8.5	15.1	3.7	0.1	.....	.....	.....	27.4
Canby, Fort, Wash	.....	.....	.....	1.5	T.	.....	.....	.....	.....	.....	1.5
Cape Henry, Va	.....	.....	.....	1.0	T.	6.0	T.	.....	.....	.....	7.0
Carson City, Nev	T.	.....	0.2	24.8	17.0	6.7	0.4	T.	3.4	.....	52.5
Charleston, S. C	.....	.....	.....	T.	.....	T.	.....	.....	.....	.....	T.
Charlotte, N. C	.....	.....	.....	2.2	1.0	14.5	T.	T.	.....	.....	17.7
Chattanooga, Tenn	.....	.....	T.	2.8	3.8	15.5	T.	.....	.....	.....	22.1
Cheyenne, Wyo	.....	0.1	0.7	7.0	2.9	3.0	12.6	9.4	0.2	.....	35.9
Chicago, Ill	.....	.....	2.5	10.1	15.4	14.0	5.2	.....	T.	.....	47.2
Cincinnati, Ohio	.....	.....	2.0	7.5	17.9	5.1	3.5	T.	.....	.....	36.0
Cleveland, Ohio	.....	T.	2.4	3.4	8.5	3.8	4.4	0.2	.....	.....	22.7
Columbia, Mo	.....	.....	0.1	T.	9.9	4.2	10.3	.....	.....	.....	24.5
Columbia, S. C	.....	.....	.....	6.6	T.	9.0	.....	.....	.....	.....	15.6
Columbus, Ohio	.....	.....	4.8	3.0	18.9	5.9	2.2	T.	T.	.....	34.8
Concordia, Kans	.....	.....	.....	0.5	5.1	3.3	3.4	.....	.....	.....	12.3
Corpus Christi, Tex	.....	.....	.....	.....	.....	4.3	.....	.....	.....	.....	4.3
Davenport, Iowa	.....	.....	0.2	T.	10.4	3.2	2.5	.....	.....	.....	16.3
Denver, Colo	.....	.....	2.6	10.5	5.0	3.5	11.9	3.5	T.	.....	37.0
Des Moines, Iowa	.....	T.	T.	1.9	15.6	3.1	3.6	0.2	.....	.....	24.4
Detroit, Mich	.....	.....	6.9	0.4	21.5	1.5	13.2	0.1	.....	.....	43.6
Dodge City, Kans	.....	.....	0.1	5.6	5.8	1.6	7.2	6.9	.....	.....	27.2
Dubuque, Iowa	.....	.....	T.	T.	14.0	6.0	1.0	.....	.....	.....	21.0
Duluth, Minn	.....	T.	12.2	1.1	8.4	4.9	3.6	0.1	T.	.....	30.3
East Clallam, Wash	.....	.....	.....	1.5	15.0	T.	3.0	1.0	.....	.....	20.5
Eastport, Me	.....	.....	7.3	8.2	12.2	18.5	4.8	3.0	.....	.....	54.0
El Paso, Tex	.....	.....	.....	.....	2.5	0.1	T.	.....	.....	.....	2.6
Erie, Pa	.....	.....	2.1	8.4	22.2	10.6	6.5	T.	T.	.....	49.8
Eureka, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Fort Smith, Ark	.....	.....	.....	0.1	12.4	T.	.....	.....	.....	.....	12.5
Fresno, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Galveston, Tex	.....	.....	.....	.....	.....	15.4	.....	.....	.....	.....	15.4
Grand Haven, Mich	.....	.....	8.9	4.8	29.9	9.0	5.8	T.	.....	.....	58.4
Green Bay, Wis	.....	0.1	8.2	1.8	14.3	7.2	2.3	0.6	1.0	.....	35.5
Hannibal, Mo	.....	.....	T.	0.1	15.4	2.4	2.7	.....	.....	.....	20.6
Harrisburg, Pa	.....	T.	1.0	9.0	9.0	9.0	5.5	.....	.....	.....	33.5
Hatteras, N. C	.....	.....	.....	7.8	.....	2.5	.....	.....	.....	.....	10.3

* Station closed December 31, 1894.

SNOWFALL AT WEATHER BUREAU STATIONS, SEASON 1894-95 (INCHES AND TENTHS)—Continued.

Stations.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.	Total.
	Inches.	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*
Havre, Mont	T.	3.5	4.9	2.6	10.7	9.2	3.4	0.1	T.	.....	34.4
Helena, Mont	T.	2.0	2.0	5.7	19.5	16.7	2.5	3.6	0.1	.....	52.1
Huron, S. Dak	.....	T.	0.2	0.6	8.8	4.6	1.5	0.4	.....	.....	16.1
Idaho Falls, Idaho	.....	0.1	.....	6.9	11.0	0.3	10.2	0.6	T.	.....	29.1
Independence, Cal.*	.....	.....	.....	.....	0.5	.....	.....	.....	T.	.....	.....
Indianapolis, Ind	.....	.....	0.8	1.0	19.9	5.1	2.9	0.2	.....	.....	29.9
Jacksonville, Fla	.....	.....	.....	.....	.....	T.	.....	.....	.....	.....	T.
Jupiter, Fla	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Kansas City, Mo	.....	.....	T.	2.0	3.3	2.9	5.1	0.4	.....	.....	13.7
Keokuk, Iowa	.....	.....	T.	T.	11.7	1.8	5.3	T.	.....	.....	18.8
Key West, Fla	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Kittyhawk, N. C	.....	.....	.....	3.5	.....	4.2	.....	.....	.....	.....	7.7
Knoxville, Tenn	.....	.....	T.	3.9	12.0	25.7	T.	.....	.....	.....	41.6
La Crosse, Wis	.....	.....	3.6	1.3	16.2	7.4	2.0	.....	.....	.....	30.5
Lander, Wyo	.....	T.	3.7	0.2	6.8	1.9	11.7	2.6	0.6	.....	27.5
Lexington, Ky	.....	.....	0.9	9.6	14.8	5.7	3.1	T.	.....	.....	34.1
Little Rock, Ark	.....	.....	.....	T.	7.0	4.0	.....	.....	.....	.....	11.0
Los Angeles, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Louisville, Ky	.....	.....	0.1	10.5	20.5	6.1	0.9	.....	.....	.....	38.1
Lynchburg, Va	.....	.....	T.	1.8	20.2	15.7	7.7	.....	.....	.....	45.4
Marquette, Mich	.....	T.	26.1	16.6	49.5	12.3	10.6	0.1	T.	.....	115.2
Memphis, Tenn	.....	.....	.....	4.0	6.5	5.1	.....	.....	.....	.....	15.6
Meridian, Miss	.....	.....	.....	.....	0.3	2.6	T.	.....	.....	.....	2.9
Miles City, Mont	T.	2.4	0.7	1.4	6.4	6.4	0.6	T.	.....	.....	17.9
Milwaukee, Wis	.....	.....	9.6	T.	15.1	12.1	3.6	T.	T.	.....	40.4
Minneapolis, Minn	.....	T.	0.8	2.7	9.0	3.3	0.4	.....	.....	.....	16.2
Mobile, Ala	.....	.....	.....	.....	.....	6.0	.....	.....	.....	.....	6.0
Montgomery, Ala	.....	.....	.....	.....	T.	3.2	.....	.....	.....	.....	3.2
Moorhead, Minn	.....	3.3	1.4	1.8	3.7	3.6	0.3	T.	.....	.....	14.1
Nantucket, Mass	.....	.....	0.5	5.5	6.3	7.1	8.4	.....	.....	.....	27.8
Narragansett Pier, R. I	.....	.....	0.5	T.	8.9	8.5	4.7	.....	.....	.....	22.6
Nashville, Tenn	.....	.....	T.	2.3	14.0	11.1	0.3	.....	.....	.....	27.7
Neah Bay, Wash	.....	.....	.....	.....	10.5	T.	2.0	.....	.....	.....	12.5
New Brunswick, N. J	.....	.....	0.4	3.0	7.1	10.9	3.7	.....	.....	.....	25.1
New Haven, Conn	.....	.....	12.5	5.6	13.9	10.7	5.0	T.	.....	.....	47.7
New London, Conn	.....	.....	2.6	3.3	10.0	4.8	4.9	T.	.....	.....	25.6
New Orleans, La	.....	.....	.....	.....	.....	8.2	.....	.....	.....	.....	8.2
New York, N. Y	.....	.....	0.7	8.2	12.3	8.2	5.8	1.0	.....	.....	36.2
Norfolk, Va	.....	.....	.....	0.6	2.7	10.8	1.5	.....	.....	.....	15.6
Northfield, Vt	.....	0.1	16.1	28.0	16.8	11.4	16.2	0.5	.....	.....	89.1
North Platte, Nebr	.....	T.	0.2	T.	3.3	2.6	1.4	2.7	.....	.....	10.2
Oklahoma, Okla	.....	.....	.....	T.	9.0	0.3	T.	.....	.....	.....	9.3
Olympia, Wash	.....	.....	.....	.....	17.0	.....	.....	.....	.....	.....	17.0
Omaha, Nebr	.....	5.0	T.	0.7	3.5	2.1	4.6	0.4	.....	.....	16.3
Oswego, N. Y	.....	T.	9.0	19.9	21.2	19.8	9.8	T.	0.3	.....	80.0
Palestine, Tex	.....	.....	.....	.....	3.3	2.7	.....	.....	.....	.....	6.0
Parkersburg, W. Va	.....	.....	2.6	10.1	12.1	9.3	9.7	T.	0.1	.....	43.9
Pensacola, Fla	.....	.....	.....	.....	T.	3.0	.....	.....	.....	.....	3.0
Philadelphia, Pa	.....	.....	T.	3.0	4.6	11.4	3.8	T.	.....	.....	22.8
Pierre, S. Dak	.....	T.	.....	0.5	7.0	5.1	12.8	1.0	.....	.....	26.4
Pikes Peak, Colo.†	21.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pittsburg, Pa	.....	T.	0.3	13.1	8.3	5.0	7.6	0.2	T.	.....	34.5
Port Angeles, Wash	.....	.....	.....	.....	15.0	.....	T.	T.	.....	.....	15.0
Port Huron, Mich	.....	.....	1.5	0.2	20.0	1.7	7.9	.....	T.	.....	31.3
Portland, Me	.....	.....	2.5	11.7	11.2	9.2	11.1	0.1	.....	.....	45.8
Portland, Oreg	.....	.....	.....	1.0	27.9	1.5	T.	T.	.....	.....	30.4
Pueblo, Colo	.....	.....	0.6	7.3	5.0	6.8	6.4	2.1	.....	.....	28.2
Pysht, Wash	.....	.....	.....	1.8	16.9	.....	2.0	.....	.....	.....	20.7
Raleigh, N. C	.....	.....	.....	3.6	T.	9.2	1.5	.....	.....	.....	14.3
Rapid City, S. Dak	.....	0.2	2.1	1.0	3.1	2.8	11.9	1.5	.....	.....	22.6
Red Bluff, Cal	.....	.....	.....	.....	.....	.....	T.	.....	.....	.....	T.
Rochester, N. Y	.....	T.	11.1	19.0	26.5	23.6	9.5	0.6	.....	.....	90.3
Roseburg, Oreg	.....	.....	.....	1.5	.....	.....	T.	.....	.....	.....	1.5
Sacramento, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
St. Louis, Mo	.....	.....	T.	T.	8.1	3.7	9.1	T.	.....	.....	20.9
St. Paul, Minn	.....	.....	2.2	0.9	11.9	4.0	0.8	.....	.....	.....	19.8
St. Vincent, Minn	.....	T.	6.2	3.4	7.7	4.5	2.0	.....	.....	.....	23.8
Salt Lake City, Utah	.....	T.	.....	9.7	13.0	4.3	5.2	T.	T.	.....	32.2

* Station opened December 1, 1894

† Snow also fell on Pikes Peak in July to the depth of 15.3 inches, and in August to the depth of 8.2 inches. The station was closed September 30, 1894.

SNOWFALL AT WEATHER BUREAU STATIONS, SEASON 1894-95 (INCHES AND TENTHS)—Continued.

Stations.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.	Total.
	Inches.	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*	*Inches.*
San Antonio, Tex	.....	.....	.....	.....	.....	4.2	.....	.....	.....	.....	4.2
San Diego, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Sandusky, Ohio	.....	.....	T.	1.1	13.7	3.0	6.3	0.4	.....	.....	24.5
San Francisco, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
San Luis Obispo, Cal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Santa Fe, N. Mex	.....	.....	.....	6.8	14.6	13.5	4.8	.....	3.0	.....	42.7
Sault Ste. Marie, Mich	.....	T.	29.9	14.0	25.0	12.8	8.3	2.0	1.9	.....	93.9
Savannah, Ga	.....	.....	.....	.....	.....	1.8	.....	.....	.....	.....	1.8
Seattle, Wash	.....	.....	.....	3.0	11.0	0.5	2.0	1.0	.....	.....	17.5
Shreveport, La	.....	.....	.....	.....	0.9	0.9	.....	.....	.....	.....	1.8
Sioux City, Iowa	.....	T.	T.	0.3	1.1	1.9	3.3	4.5	.....	.....	11.1
Spokane, Wash	.....	.....	0.5	11.0	19.5	2.3	4.2	0.2	.....	.....	37.7
Springfield, Ill	.....	.....	T.	T.	6.3	2.8	2.9	0.7	.....	.....	12.7
Springfield, Mo	.....	T.	.....	2.5	16.0	5.7	1.5	.....	.....	.....	25.7
Tampa, Fla	.....	.....	.....	T.	.....	T.	.....	.....	.....	.....	T.
Tatoosh Island, Wash	.....	.....	.....	T.	5.7	T.	0.2	T.	.....	.....	5.9
Titusville, Fla	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Toledo, Ohio	.....	.....	2.5	1.1	22.3	3.0	5.2	0.9	T.	.....	35.0
Topeka, Kans	.....	.....	.....	2.0	5.0	1.0	2.0	T.	.....	.....	10.0
Tucson, Ariz	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0
Vicksburg, Miss	.....	.....	.....	T.	0.5	2.3	.....	.....	.....	.....	2.8
Vineyard Haven, Mass	.....	.....	2.0	1.4	7.6	8.5	6.7	.....	.....	.....	26.2
Walla Walla, Wash	.....	.....	.....	2.8	16.0	.....	T.	.....	.....	.....	18.8
Washington, D. C	.....	.....	.....	2.6	8.7	13.4	0.1	.....	.....	.....	24.8
Wichita, Kans	.....	.....	T.	6.2	6.0	0.7	2.1	T.	.....	.....	15.0
Williston, N. Dak	.....	1.2	3.8	4.3	5.4	4.6	0.4	1.5	.....	.....	21.2
Wilmington, N. C	.....	.....	.....	T.	.....	0.5	T.	.....	.....	.....	0.5
Winnemucca, Nev	.....	.....	.....	21.1	13.7	6.9	1.9	1.9	0.4	.....	45.9
Woods Hole, Mass	.....	.....	0.6	3.6	10.6	9.2	7.3	.....	.....	.....	31.3
Yuma, Ariz	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.0

Blank page retained for pagination

SUNSHINE, 1894.

The following tables give for 39 stations the percentages of hourly sunshine as derived from the automatic records made by two essentially different types of instruments, designated the thermometric recorder and the photographic recorder, respectively. The kind of instrument in use at each station is indicated by the letter T. (thermometric) or P. (photographic) at the right of the name of the station.

Both instruments have been described and illustrated in the preceding volumes of this series.[1]

Neither of these instruments will record satisfactorily the duration of sunshine for about one hour after sunrise and about one hour before sunset, and on this account it has been considered necessary to apply to the record for these hours what has been designated a "twilight correction." The amount of this correction is found by noting the comparative clearness of the sky during the time that elapses between the hour of sunrise and the moment the instrument begins to record, and between the time the instrument ceases to act and the hour of sunset:

BALTIMORE, MD. (T.).

[N. lat. 39° 18′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	13	36	61	70	73	68	65	67	64	59	35	.....	.....	178.2	59
February	.....	.....	20	20	38	59	69	75	75	72	67	65	57	42	.....	.....	174.9	58
March	.....	25	37	46	66	73	73	75	79	80	76	78	62	46	39	.....	245.1	66
April	.....	37	48	61	68	78	81	85	87	83	68	67	64	50	35	.....	265.6	67
May	12	26	42	61	70	77	79	84	79	81	79	78	65	58	40	5	285.5	65
June	47	53	58	81	87	89	90	90	90	95	97	95	84	75	56	46	354.8	80
July	83	68	70	87	92	93	94	94	94	90	90	87	86	82	71	64	385.1	85
August*	.....	38	40	52	63	70	85	88	86	88	87	87	87	77	55	57	306.6	72
September	.....	56	50	55	63	65	65	63	57	60	60	58	53	44	34	.....	214.9	57
October	.....	.....	56	52	51	56	63	61	61	61	61	61	52	71	.....	.....	201.5	58
November	.....	.....	41	47	59	72	77	82	83	84	77	66	60	.....	.....	.....	209.9	70
December	.....	.....	.....	43	56	71	74	73	76	77	73	58	45	.....	.....	.....	193.3	66
Sum	142	303	462	618	749	864	920	943	935	936	902	864	774	580	330	172	3,015.3	.....
Percentage of possible	47	43	46	52	62	72	77	79	78	78	75	72	65	58	47	43	.....	67

* From August 13 to 31, inclusive, the values were determined by eye observation.

BISMARCK, N. DAK. (P.).

[N. lat. 46° 47′.]

January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	21	32	39	48	51	51	49	37	53	52	57	59	51	40	30	.....	190.2	46
May	71	71	73	73	73	78	80	69	69	75	72	70	71	67	75	74	338.6	72
June	70	69	69	68	78	79	81	80	76	75	73	71	72	63	65	60	341.6	72
July	57	50	61	75	84	85	85	81	78	76	82	76	70	61	51	60	340.1	71
August	66	45	32	55	72	82	82	81	73	74	68	64	56	42	44	75	274.7	62
September	.....	60	53	65	69	66	64	66	67	72	71	65	54	49	51	.....	239.4	63
October	.....	.....	42	50	55	62	65	66	72	72	66	60	54	48	.....	.....	204.3	61
November	.....	.....	22	13	26	40	41	37	44	42	48	47	23	.....	.....	.....	104.6	37
December	.....	.....	.....	52	55	66	68	60	55	59	55	49	49	.....	.....	.....	154.4	58
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Report of the Chief of the Weather Bureau, 1891–92, p. 30; 1893, p. 18.

BOSTON, MASS. (T.).

[N. lat. 42° 21′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	31	38	48	50	55	61	52	47	36	33	.....	.....	.....	135.0	46
February	.....	.....	37	41	42	57	58	64	67	66	60	49	40	41	.....	.....	159.0	54
March	.....	33	45	47	52	66	75	76	77	73	62	59	54	36	21	.....	222.0	60
April	.....	39	43	55	58	65	70	62	56	58	53	50	42	36	28	.....	208.1	51
May	31	40	45	52	57	62	67	72	70	71	65	63	63	51	40	33	259.6	57
June	21	41	56	60	67	76	76	80	78	84	82	75	64	46	42	21	286.1	62
July	32	49	73	76	81	86	88	90	95	83	90	79	64	63	55	20	339.6	73
August	30	23	46	52	69	79	82	83	83	80	79	72	59	54	32	7	274.8	64
September	.....	12	27	41	56	58	69	76	78	74	71	64	59	39	24	.....	215.9	58
October	.....	.....	32	40	48	52	54	60	60	51	42	44	44	49	.....	.....	165.3	48
November	.....	.....	38	39	46	51	55	58	48	51	51	48	39	.....	.....	.....	143.0	49
December	.....	.....	.....	29	47	52	60	64	58	59	58	47	28	.....	.....	.....	147.9	52
Sum	114	237	442	563	661	752	804	840	831	802	760	686	580	415	242	81	2,556.3	.....
Percentage of possible.	28	34	44	47	55	63	67	70	69	67	63	57	49	46	35	20	.....	56

BUFFALO, N. Y. (T.).

[N. lat. 42° 53′.]

January	.....	.....	.....	9	12	28	47	56	59	55	42	23	18	.....	.....	.....	105.8	36
February	.....	.....	22	23	29	48	61	65	66	67	60	47	32	30	.....	.....	144.1	48
March	.....	50	24	26	40	48	57	71	79	79	71	61	47	34	13	.....	197.0	53
April	.....	21	27	51	62	66	74	72	70	74	63	62	52	37	27	.....	223.2	56
May	8	10	34	51	57	64	71	80	75	71	74	62	50	38	15	15	235.2	52
June	13	13	34	64	82	82	87	88	85	85	82	82	76	67	41	16	296.0	64
July	49	45	52	75	83	86	83	86	84	83	82	84	78	72	43	29	333.1	72
August	23	25	24	48	78	84	92	94	96	95	88	81	75	50	32	35	297.4	69
September	.....	12	30	36	61	73	77	76	79	80	78	67	56	30	10	.....	224.6	60
October	.....	.....	25	26	47	58	65	63	64	54	47	45	26	12	.....	.....	160.3	47
November	.....	.....	5	4	18	40	37	39	39	32	15	6	4	.....	.....	.....	69.9	24
December	.....	.....	.....	14	23	41	45	59	53	45	41	29	11	.....	.....	.....	108.5	39
Sum	93	177	277	427	592	718	795	849	849	820	743	649	525	370	181	95	2,395.1	.....
Percentage of possible.	23	25	28	36	49	60	66	71	71	68	62	54	44	41	26	24	.....	52

CHICAGO, ILL. (T.).

[N. lat. 41° 52′.]

January	.....	.....	.....	40	42	50	58	65	69	70	66	56	53	.....	.....	.....	169.2	57
February	.....	.....	45	50	51	56	61	64	64	61	60	61	52	49	.....	.....	170.6	57
March	.....	25	18	35	50	61	60	65	64	65	61	54	50	34	19	.....	190.6	52
April	.....	58	55	54	68	78	81	78	81	71	68	62	57	45	33	.....	257.9	64
May	23	36	36	47	65	73	71	71	73	79	79	75	71	56	47	30	277.6	62
June	47	56	59	68	84	94	96	87	83	82	80	75	68	45	46	50	323.9	71
July	75	65	61	80	91	97	96	95	95	97	97	93	87	72	74	76	392.7	85
August	59	42	40	46	66	81	85	93	99	95	94	85	69	56	67	43	313.1	73
September	.....	34	40	45	62	72	77	83	92	89	87	78	68	65	38	.....	262.0	70
October	.....	.....	32	26	43	50	55	59	49	46	37	35	33	49	.....	.....	146.6	43
November	.....	.....	25	24	31	36	42	46	46	46	37	32	38	.....	.....	.....	110.7	37
December	.....	.....	.....	34	31	38	54	61	59	56	41	35	40	.....	.....	.....	129.8	45
Sum	204	316	411	549	684	786	836	867	874	857	807	741	686	471	324	199	2,744.7	.....
Percentage of possible.	51	45	41	46	57	66	70	72	73	71	67	62	57	52	46	50	.....	60

CINCINNATI, OHIO (P.).

[N. lat. 39° 06′.]

January	.....	.....	.....	40	45	60	64	67	72	71	68	56	51	41	.....	.....	182.0	60
February	.....	.....	31	40	43	49	51	54	51	51	50	45	43	40	.....	.....	141.1	47
March	.....	50	58	53	55	51	55	55	61	59	59	62	58	47	24	.....	206.7	56
April	.....	37	42	51	57	59	58	61	66	67	63	60	56	55	37	.....	222.3	56
May	44	46	52	57	62	65	64	61	56	58	58	65	55	51	43	13	249.0	56
June	62	70	81	84	88	94	92	89	80	87	83	75	70	72	59	41	350.4	79
July	80	73	77	76	73	78	76	82	74	82	87	84	82	75	54	41	343.5	76
August	.....	73	75	83	83	91	90	84	85	90	87	84	74	67	74	96	345.6	82
September	.....	44	61	74	75	77	76	78	80	76	75	78	78	69	58	.....	275.7	74
October	.....	80	70	71	67	69	67	74	72	72	73	72	73	71	.....	.....	244.8	71
November	.....	.....	56	66	66	59	57	52	52	52	50	50	48	.....	.....	.....	167.1	55
December	.....	.....	.....	38	48	48	43	46	50	51	49	42	39	.....	.....	.....	133.4	45
Sum	186	473	603	733	762	800	793	803	799	816	802	773	727	588	349	191	2,861.6	.....
Percentage of possible.	62	59	60	61	64	67	66	67	67	68	67	64	61	59	50	48	.....	63

CLEVELAND, OHIO (P.).

[N. lat. 41° 30′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	18	26	34	35	40	38	35	33	36	31	.....	.....	.....	98.7	33
February	.....	.....	30	34	37	49	51	46	45	40	44	41	37	36	.....	.....	125.1	42
March	.....	50	41	54	58	51	56	52	65	65	73	74	63	57	46	.....	219.6	59
April	.....	48	47	57	59	65	63	58	66	66	63	56	54	48	50	.....	230.1	57
May	27	45	40	54	59	56	57	51	58	72	69	61	54	45	38	20	241.9	54
June	55	48	55	70	77	79	82	71	76	85	86	80	79	73	68	62	328.3	72
July	73	68	75	72	76	79	78	76	77	80	83	89	80	73	65	66	350.0	76
August	.....	40	47	58	61	71	70	68	74	72	75	71	67	54	52	48	270.1	63
September	.....	42	48	54	61	64	68	78	80	75	65	74	70	60	76	.....	247.3	66
October	.....	.....	38	42	51	57	57	62	61	65	62	64	50	42	.....	.....	189.5	55
November	.....	.....	32	26	31	36	41	40	39	37	28	24	21	.....	.....	.....	96.7	33
December	.....	.....	.....	17	14	25	29	26	28	32	35	24	15	.....	.....	.....	72.3	25
Sum	155	341	453	556	610	666	687	668	707	724	716	694	621	488	397	196	2,469.6	.....
Percentage of possible	52	49	45	46	51	56	57	56	59	60	60	58	52	54	57	49	.....	53

COLORADO SPRINGS, COLO. (T.).

[N. lat. 38° 50′.]

January *	.....	.....	.....	47	61	80	83	84	83	92	80	63	59	.....	.....	.....	165.8	75
February †	.....	.....	34	44	60	78	86	88	87	79	75	65	43	36	.....	.....	117.6	68
March	.....	25	37	50	68	83	87	85	80	81	73	63	57	50	39	.....	251.5	68
April	.....	58	67	75	76	83	85	93	90	79	71	58	47	36	48	.....	277.6	70
May	56	56	56	60	76	83	84	82	75	72	59	56	38	28	32	26	271.8	62
June	68	75	82	90	90	88	90	86	90	76	76	70	56	42	42	58	332.3	75
July	96	68	69	84	91	97	97	88	78	71	63	46	26	15	10	10	287.4	63
August	.....	77	75	76	86	94	89	89	82	70	66	53	45	43	38	29	297.8	70
September	.....	54	80	85	89	92	94	91	86	85	80	73	57	43	31	.....	292.6	78
October	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Record for 23 days.

† Instrumental record for 16 days.

COLUMBUS, OHIO (T.).

[N. lat. 39° 58′.]

January	.....	.....	.....	17	23	49	63	67	66	65	66	63	55	43	.....	.....	165.2	55
February	.....	.....	34	40	41	57	56	66	69	67	58	54	41	40	.....	.....	161.2	54
March	.....	33	43	48	59	68	71	72	74	75	73	69	60	55	30	.....	236.8	64
April	.....	30	32	49	58	64	70	82	84	76	69	59	61	46	48	.....	239.4	60
May	43	48	44	55	69	75	77	74	74	71	69	59	61	52	36	11	271.3	61
June	62	64	71	74	83	93	93	97	96	90	89	85	75	69	38	22	347.2	77
July	58	52	61	85	90	89	90	93	95	92	90	93	90	87	61	51	373.7	82
August	.....	42	48	64	78	94	97	95	98	94	91	83	73	59	48	33	326.0	77
September	.....	43	49	59	72	79	80	84	78	80	78	78	62	51	35	.....	260.1	70
October	.....	.....	49	50	52	56	65	66	69	65	63	54	53	50	.....	.....	201.0	58
November	.....	.....	28	41	47	60	63	66	67	61	53	41	38	.....	.....	.....	159.5	53
December	.....	.....	.....	14	18	34	41	44	48	53	47	36	27	.....	.....	.....	108.6	37
Sum	163	312	459	596	690	818	866	900	918	889	846	774	696	552	296	117	2,850.0	.....
Percentage of possible	54	45	46	50	58	68	72	76	76	74	70	64	58	55	42	29	.....	62

DENVER, COLO. (P.).

[N. lat. 39° 45′.]

January	.....	.....	.....	63	75	87	89	85	80	82	80	70	51	43	.....	.....	235.9	77
February	.....	.....	56	57	68	80	88	91	83	82	76	74	57	57	.....	.....	222.9	75
March	.....	33	57	74	73	77	80	85	79	74	75	78	69	55	48	.....	270.0	74
April	.....	60	70	72	71	76	77	79	82	76	70	56	52	49	48	.....	269.3	68
May	50	65	67	68	73	74	72	75	66	61	65	61	53	45	35	9	276.8	63
June	78	82	85	91	90	93	92	90	84	78	74	62	49	50	62	58	344.1	77
July	61	79	85	89	93	90	95	96	86	77	62	55	50	37	24	18	322.7	71
August	.....	49	68	80	85	86	89	91	75	72	64	60	58	45	37	21	292.8	69
September	.....	58	82	80	90	90	95	89	80	83	80	69	62	42	39	.....	284.0	76
October	.....	.....	78	88	90	91	96	91	95	92	90	88	79	84	.....	.....	306.8	89
November	.....	.....	78	77	71	85	85	87	90	80	75	76	82	.....	.....	.....	242.2	81
December	.....	.....	.....	45	54	74	83	80	91	91	82	65	54	.....	.....	.....	213.8	73
Sum	189	426	806	884	933	1,003	1,041	1,039	991	948	893	814	716	507	293	106	3,279.3	.....
Percentage of possible	63	61	61	74	78	84	87	87	83	79	74	68	60	51	42	27	.....	74

DES MOINES, IOWA (T.).

[N. lat. 41° 35′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January				40	44	45	47	51	56	54	52	47	43				142.1	48
February			45	50	59	65	72	80	84	87	82	77	54	54			208.4	70
March		83	55	45	56	60	71	71	72	72	73	72	56	40	32		229.2	62
April		46	47	52	56	59	56	62	74	73	56	53	42	26	21		210.2	52
May	53	60	64	67	70	84	92	95	95	91	90	81	73	72	68	61	350.6	78
June	74	72	74	82	86	88	87	85	85	87	79	78	70	65	61	54	351.5	77
July	70	63	70	81	92	96	96	96	97	92	85	81	77	67	64	69	377.3	82
August	99	57	50	59	74	84	91	94	97	95	85	84	73	67	63	98	330.4	77
September																		
October			50	46	56	69	66	70	69	63	65	58	49	51			206.5	60
November			40	41	32	34	38	52	55	48	44	47	36				126.2	43
December				48	48	55	57	54	57	63	61	52	57				158.7	55
Sum																		
Percentage of possible																		

DETROIT, MICH. (T.).

[N. lat. 42° 20′.]

January				31	33	37	43	46	51	49	49	50	41				129.9	44
February			44	45	49	59	69	66	69	74	68	58	46	42			175.7	59
March		25	29	45	59	70	80	83	80	82	75	65	61	53	23		241.7	66
April		31	41	51	65	72	68	64	73	60	57	50	45	41	44		221.7	55
May	22	29	34	40	58	71	72	71	71	69	59	56	53	36	35	18	237.7	53
June	36	33	45	70	87	90	90	95	95	96	94	96	84	61	37	38	336.3	74
July	41	34	48	76	90	94	100	100	100	99	97	94	87	71	47	54	366.4	79
August	15	11	14	32	63	75	80	91	85	88	85	77	58	31	14	25	249.7	58
September		30	42	59	77	85	92	90	94	96	84	77	72	56	52		282.3	75
October			34	37	50	60	57	50	57	55	50	36	30	20			158.9	46
November			10	23	28	45	54	54	65	51	45	31	22				123.6	42
December				33	35	34	36	37	44	43	48	33	32				107.5	38
Sum	114	196	341	542	699	792	841	847	884	862	811	723	631	411	252	135	2,631.4	
Percentage of possible	28	28	34	45	58	66	70	71	74	72	68	60	53	46	36	34		57

DODGE CITY, KANS. (P.).

[N. lat. 37° 45′.]

January				42	59	70	75	73	74	74	76	77	64	47			210.9	68
February			46	57	64	68	73	74	72	75	70	65	58	51			200.6	66
March		35	46	66	82	88	83	79	70	85	82	76	72	55	40		273.6	74
April		49	61	67	78	87	84	74	79	85	88	82	79	57	44		293.1	74
May	24	40	58	77	82	82	82	84	76	84	80	71	83	64	40	8	311.6	71
June	50	64	73	84	83	86	88	84	82	77	81	85	81	73	57	35	338.7	77
July	41	55	68	74	74	85	86	84	84	83	76	75	76	77	54	47	331.6	74
August		68	83	86	81	83	80	75	73	80	81	83	78	65	53	55	323.1	77
September		51	63	63	74	80	79	80	83	85	83	81	78	70	61		282.3	76
October		50	74	84	89	90	93	93	90	91	90	85	77	70			300.3	86
November			71	76	79	79	79	84	87	87	85	76	61				241.4	79
December			20	62	68	80	78	72	75	76	68	69	61				212.7	71
Sum	115	412	663	838	913	976	980	956	945	982	960	925	868	629	349	145	3,319.9	
Percentage of possible	38	52	60	70	76	81	82	80	79	82	80	77	72	63	50	36		74

EASTPORT, ME. (P.).

[N. lat. 44° 54′.]

January				42	47	49	60	56	47	49	47	45	40				140.0	49
February			42	43	45	51	55	56	52	53	56	56	43	40			148.0	50
March																		
April	21	34	34	39	42	51	53	46	43	45	49	51	48	49	35		181.5	44
May	25	26	30	37	38	40	46	44	51	55	54	43	42	38	27	21	183.9	40
June	10	11	19	20	24	31	37	43	49	49	46	50	43	34	13	7	145.1	31
July	34	33	36	55	63	65	70	77	77	75	70	73	71	69	70	56	297.4	63
August	62	32	30	37	46	55	62	68	63	65	58	56	39	35	26	38	209.6	48
September		22	25	29	31	34	45	55	61	67	55	52	51	32	24		164.8	44
October			37	37	44	43	41	43	45	47	46	41	40	29			142.8	42
November			35	37	48	51	46	52	52	54	51	40	32				134.9	47
December				38	40	50	58	54	58	56	49	48	43				138.5	50
Sum																		
Percentage of possible																		

GALVESTON, TEX. (P.).

[N. lat. 29° 18′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January *	.....	.....	18	24	45	53	42	42	41	40	48	44	42	27	.....	.....	130.2	40
February	.....	.....	20	21	32	40	38	44	47	49	46	42	36	20	.....	.....	117.2	38
March	.....	43	20	40	51	57	67	68	69	69	63	58	54	35	35	.....	203.2	54
April	.....	24	31	55	64	63	68	70	76	77	68	62	62	45	16	.....	227.5	59
May	.....	44	79	95	97	97	97	97	92	96	98	93	91	82	52	.....	369.4	88
June	.....	44	69	74	76	78	74	73	74	78	81	81	81	75	70	.....	307.7	73
July	.....	41	74	83	85	73	76	74	71	66	75	73	71	67	59	.....	301.0	71
August	.....	22	44	49	54	51	59	55	55	54	55	58	58	47	22	.....	206.4	51
September	.....	22	44	68	73	78	74	75	65	69	69	65	62	41	13	.....	236.4	64
October	.....	25	61	88	88	86	88	92	90	87	94	92	85	76	.....	.....	305.8	86
November	.....	.....	46	58	74	77	84	80	80	80	83	82	73	69	.....	.....	241.7	75
December	.....	.....	12	26	58	66	79	75	66	69	72	73	64	43	.....	.....	202.9	63
Sum	.....	265	518	681	797	819	846	845	826	834	852	823	779	627	258	.....	2,849.4	.....
Percentage of possible	.....	33	43	57	66	68	70	70	69	70	71	69	65	52	37	.....	.....	64

* Record for twenty-five days.

HELENA, MONT. (P.).

[N. lat. 46° 34′.]

January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	45	33	39	51	59	66	72	65	67	71	63	71	59	65	64	34	247.6	60
May	55	56	63	68	77	78	73	68	65	65	62	60	57	58	54	61	298.9	64
June	39	46	56	65	66	68	68	62	63	51	38	38	37	27	27	25	230.5	49
July	67	69	80	76	76	83	84	85	79	82	78	76	68	73	60	64	359.6	75
August	83	77	76	84	83	85	85	83	76	76	77	75	64	54	52	67	328.2	74
September	.....	36	41	55	67	77	76	69	69	70	65	63	60	47	62	.....	235.2	62
October	.....	.....	40	38	52	63	67	61	64	69	63	61	63	59	.....	.....	198.7	59
November	.....	.....	40	19	27	48	54	47	49	51	49	48	55	.....	.....	.....	125.3	45
December	.....	.....	.....	28	32	50	63	62	64	61	61	50	44	.....	.....	.....	144.0	54
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

KANSAS CITY, MO. (P.).

[N. lat. 39° 05′.]

January	.....	.....	.....	48	54	64	60	60	65	65	64	47	41	36	.....	.....	173.2	57
February	.....	.....	43	44	49	60	63	64	61	64	64	58	44	44	.....	.....	169.0	56
March	.....	33	60	60	74	77	77	81	77	77	75	68	66	51	35	.....	259.5	70
April	.....	38	48	50	60	63	66	66	68	69	70	71	67	52	35	.....	238.4	61
May	54	62	62	71	74	71	77	70	70	77	78	80	78	72	63	53	317.6	71
June	67	73	66	82	79	83	84	86	85	83	82	84	74	67	61	54	343.0	77
July	63	56	65	70	75	76	83	80	81	77	84	82	75	65	68	70	337.8	74
August	.....	82	75	82	86	86	89	88	85	85	88	85	78	61	66	79	348.0	82
September	.....	47	55	56	65	71	76	85	83	79	80	80	72	54	53	.....	263.3	70
October	.....	.....	67	65	73	75	80	78	79	80	81	81	72	76	.....	.....	261.6	75
November	.....	.....	71	71	70	76	76	75	72	73	70	62	62	.....	.....	.....	213.5	70
December	.....	.....	.....	41	47	58	64	65	70	74	66	51	52	.....	.....	.....	174.6	59
Sum	184	391	612	749	806	869	895	898	896	903	902	859	781	578	381	256	3,099.5	.....
Percentage of possible	61	56	61	62	67	72	75	75	75	75	75	72	65	58	54	64	.....	68

KEY WEST, FLA. (T.).

[N. lat. 24° 34′.]

January	.....	.....	38	47	56	63	73	82	80	75	65	59	56	39	.....	.....	212.9	64
February	.....	.....	73	77	79	83	87	90	92	92	89	81	79	73	.....	.....	264.3	84
March	.....	.....	79	71	74	78	85	88	85	80	78	84	86	90	83	.....	304.2	82
April	.....	75	82	86	85	90	95	98	98	97	100	94	91	89	76	.....	349.1	91
May	.....	63	68	64	72	76	82	82	90	87	85	77	72	66	62	.....	311.8	75
June	.....	44	49	50	57	65	78	76	71	77	67	62	57	50	44	.....	249.7	61
July	.....	71	74	74	74	87	87	91	88	82	79	72	74	70	69	.....	327.3	78
August	.....	74	77	77	70	80	86	87	86	87	85	73	73	77	60	.....	318.2	79
September	.....	37	68	69	72	77	81	79	81	79	81	78	71	53	28	.....	209.8	73
October	.....	15	54	57	65	76	79	84	83	79	72	58	61	50	.....	.....	246.4	69
November	.....	.....	55	55	67	84	85	87	87	80	78	71	64	42	.....	.....	242.0	74
December	.....	.....	42	53	64	81	91	92	92	93	84	85	75	66	.....	.....	260.9	79
Sum	.....	379	759	780	835	940	1,009	1,036	1,033	1,008	963	894	859	765	422	.....	3,356.6	.....
Percentage of possible	.....	54	63	65	70	78	84	86	86	84	80	74	72	64	60	.....	.....	76

LITTLE ROCK, ARK. (T.).

[N. lat. 34° 45′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a.m.	6h	7h	8h	9h	10h	11h	Noon.	1h p.m.	2h	3h	4h	5h	6h	7h	8h		
January																		
February			35	33	35	43	49	60	63	58	56	51	44	35			147.1	48
March		50	45	48	61	67	69	69	69	67	63	64	55	49	46		225.0	60
April		48	53	57	61	74	83	86	80	80	77	68	61	56	55		267.6	68
May	57	48	50	60	63	76	86	89	80	90	83	77	59	46	44	16	298.2	69
June	67	70	70	71	85	92	96	93	96	94	88	83	67	59	57	58	345.3	80
July	75	61	61	67	75	83	88	93	87	81	76	72	69	56	48	54	320.2	72
August		53	55	56	67	75	79	79	83	75	70	60	52	37	36		263.8	63
September		48	56	50	62	64	66	72	72	72	70	59	62	60	54		235.6	63
October		33	80	78	82	86	87	87	85	87	82	80	81	88			292.3	84
November			64	60	65	74	77	81	76	75	73	71	71	76			223.6	72
December			33	47	48	51	55	57	57	49	48	49	50				156.8	51
Sum																		
Percentage of possible																		

NEW YORK, N. Y. (T.).

[N. lat. 40° 43′.]

January*				21	29	50	57	69	72	70	59	50	39				151.5	53
February†			28	30	38	44	50	52	62	55	52	40	30	30			95.5	44
March		8	23	44	65	75	75	75	78	75	72	67	47	20	15		221.0	60
April		27	38	52	62	67	73	77	71	72	76	64	53	35	22		231.6	58
May	12	14	30	50	55	68	69	74	75	65	63	56	50	32	6	7	220.7	49
June	11	14	37	55	59	77	84	87	78	80	74	75	73	47	15	12	259.6	57
July	3	2	32	64	78	79	86	80	83	84	79	80	79	57	25	13	283.5	62
August	0	17	26	53	70	78	89	95	94	94	92	90	82	53	21	27	294.4	69
September		8	11	43	59	76	80	82	84	78	72	66	52	27	7		219.9	59
October			11	37	57	67	71	69	65	65	63	51	31	28			183.8	54
November			23	30	53	60	67	62	68	69	60	54	39				167.0	56
December				21	25	48	55	61	62	59	53	28	24				131.1	45
Sum	36	90	259	500	650	789	856	883	892	866	815	721	599	329	111	59	2,459.6	
Percentage of possible	9	13	26	42	54	66	71	74	74	72	68	60	50	37	16	15		56

* Record for 25 days. † Record for 20 days.

PHILADELPHIA, PA. (T.).

[N. lat. 39° 57′.]

January				36	38	44	56	58	54	53	49	44	41	30			145.1	48
February			31	45	45	54	60	61	64	65	56	57	45	44			163.0	54
March		75	52	64	71	69	73	81	77	72	67	65	62	55	30		250.0	68
April		65	61	64	61	66	67	66	65	69	58	60	54	57	52		247.0	62
May	33	45	49	54	58	66	73	74	68	72	67	63	47	40	33	7	253.7	57
June	51	57	67	71	74	84	88	84	81	88	84	84	71	61	58	38	328.4	73
July	55	62	64	72	83	88	91	93	90	81	85	84	72	64	53	31	343.3	75
August		32	45	49	65	77	85	88	92	92	92	91	76	67	40	59	904.4	72
September		28	47	45	52	53	67	67	73	77	77	69	80	51	23		224.5	60
October			41	46	51	61	59	72	70	68	62	55	46	63			200.0	58
November			42	45	48	57	68	67	67	57	55	54	52				171.0	57
December				45	47	54	58	59	56	59	61	61	59				163.7	56
Sum	139	364	499	636	693	773	845	870	857	853	813	787	685	532	289	135	2,794.1	
Percentage of possible	46	52	50	53	58	64	70	72	71	71	68	66	57	53	41	34		62

PORTLAND, ME. (T.).

[N. lat. 43° 39′.]

January				37	51	63	71	72	74	77	78	53	43				185.6	64
February			40	41	50	65	78	83	88	89	87	69	42	40			199.3	67
March		62	20	46	59	68	73	78	81	83	74	69	54	33	12		228.5	62
April		33	43	57	67	73	77	76	72	71	67	59	49	36	15		234.7	58
May	8	23	38	50	58	71	71	71	68	66	67	65	58	51	40	14	249.8	55
June	6	19	49	60	78	90	96	89	93	93	91	84	76	71	42	15	313.7	68
July	0	11	38	61	83	87	90	89	81	84	80	80	70	65	30	0	295.0	63
August		5	27	53	64	75	87	85	85	83	78	77	65	45	24	27	264.6	61
September		11	24	40	49	59	64	70	73	69	70	68	53	25	8		200.1	54
October			16	40	50	58	63	61	66	59	53	48	41	38			173.9	51
November*			28	31	50	53	54	48	42	45	41	40	29				90.6	44
December†																		
Sum																		
Percentage of possible																		

* Record for 21 days. † Instrument out of order.

PORTLAND, OREG. (P.).

[N. lat. 45° 32′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	0	15	19	17	23	24	26	22	23	7	.....	.....	.....	54.0	19
February	.....	.....	5	9	19	26	28	33	24	26	26	28	14	10	.....	.....	66.0	23
March	.....	27	24	24	21	23	25	21	22	26	28	27	24	22	33	.....	89.2	24
April	.....	21	20	27	33	36	40	45	46	47	45	44	40	31	33	.....	148.4	37
May	14	24	39	38	42	47	54	51	49	53	50	49	52	49	49	40	207.0	45
June	11	14	28	38	40	42	43	41	42	48	45	42	35	33	28	21	163.3	35
July	52	55	55	65	72	74	81	85	93	90	92	90	88	88	85	84	372.4	79
August	34	59	59	52	58	67	76	73	80	84	86	86	82	75	74	65	314.4	72
September	.....	21	20	34	43	41	49	49	49	56	53	52	51	40	30	.....	165.5	44
October	.....	.....	0	5	12	23	33	33	40	40	43	41	43	48	.....	.....	102.1	30
November	.....	.....	0	0	5	18	23	25	37	52	49	42	41	.....	.....	.....	81.8	28
December	.....	.....	.....	24	21	25	32	28	34	38	39	30	27	.....	.....	.....	82.8	30
Sum	111	221	250	316	381	441	501	507	540	586	578	554	504	396	341	210	1,846.9	.....
Percentage of possible.	28	32	25	26	32	37	42	42	45	49	48	46	42	44	49	52	.....	39

LOUISVILLE, KY. (T.).

[N. lat. 38° 15′.]

January	.....	.....	.....	43	46	56	62	65	74	58	40	35	29	28	.....	.....	156.4	51
February	.....	.....	26	33	51	66	65	62	67	69	51	27	23	23	.....	.....	149.0	49
March	.....	25	42	63	64	69	74	75	68	68	68	61	45	26	11	.....	222.5	60
April	.....	48	52	56	61	58	63	67	63	54	58	55	50	44	37	.....	219.6	55
May	56	61	70	74	72	76	73	64	64	58	55	45	41	28	25	43	254.1	57
June	67	80	88	94	100	99	96	89	85	77	76	69	57	48	46	54	345.3	78
July*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September	.....	52	43	43	48	59	67	73	77	77	75	73	76	66	44	.....	240.0	64
October	.....	.....	57	55	55	69	77	75	74	75	77	72	67	84	.....	.....	239.2	69
November	.....	.....	51	50	56	57	61	60	56	62	53	55	50	.....	.....	.....	170.3	56
December	.....	.....	.....	23	30	44	51	53	54	55	51	44	45	.....	.....	.....	134.6	45
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* No record.

MEMPHIS, TENN. (P.).

[N. lat. 35° 09′.]

January	.....	.....	.....	37	43	52	50	43	58	55	53	47	44	43	.....	.....	151.5	49
February	.....	.....	30	33	34	36	39	42	42	44	45	45	36	34	.....	.....	119.5	39
March	.....	40	48	53	59	67	69	67	64	65	55	59	65	61	46	.....	226.6	61
April	.....	41	52	64	71	69	77	75	75	75	70	73	65	60	53	.....	262.8	67
May	11	51	59	66	71	67	65	67	71	72	69	67	61	61	49	38	277.2	64
June	48	58	67	82	85	96	96	95	95	90	85	78	76	66	51	46	342.7	79
July	47	51	59	62	70	77	79	78	88	86	80	80	73	60	37	38	307.0	69
August	.....	28	37	55	63	63	62	69	75	75	77	70	50	38	23	.....	238.6	57
September	.....	49	50	62	67	74	70	75	81	83	79	63	58	23	2	.....	239.2	64
October	.....	67	72	84	87	91	92	91	91	91	89	82	82	86	.....	.....	302.7	87
November	.....	.....	66	60	71	73	74	79	82	83	78	78	78	50	.....	.....	233.5	75
December	.....	.....	33	52	58	59	60	53	57	58	53	53	51	.....	.....	.....	169.1	55
Sum	106	385	573	710	779	824	833	834	879	877	833	795	739	582	261	122	2,870.4	.....
Percentage of possible.	35	48	52	59	65	69	69	70	73	73	69	66	62	53	37	41	.....	64

NEW HAVEN, CONN. (T.).

[N. lat. 41° 18′.]

January	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February	.....	.....	36	36	45	59	62	60	64	64	62	48	36	34	.....	.....	156.3	52
March	.....	50	27	42	63	70	75	78	80	72	70	65	50	33	17	.....	224.2	61
April	.....	25	37	52	61	66	76	78	74	69	69	58	57	35	17	.....	227.9	57
May	7	17	42	56	67	71	74	77	77	74	72	65	59	45	27	23	257.3	58
June	11	17	39	60	66	82	89	90	87	90	89	85	73	65	33	15	293.6	65
July	7	12	54	68	85	91	93	90	89	87	85	87	75	65	51	47	327.1	71
August	0	24	26	57	78	85	85	86	91	92	96	92	78	55	38	55	303.8	71
September	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October	.....	.....	54	56	62	67	68	65	61	57	57	55	39	29	.....	.....	198.3	58
November	.....	.....	47	46	51	55	59	54	55	61	58	49	43	.....	.....	.....	158.1	53
December	.....	.....	.....	48	54	63	70	73	74	73	65	51	45	.....	.....	.....	180.2	63
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NEW ORLEANS, LA. (T.).

[N. lat. 29° 58′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January			13	18	24	29	52	65	77	70	62	56	47	32			159.5	49
February			13	16	26	34	42	46	46	45	48	41	27	20			109.8	35
March		67	29	29	49	59	64	58	65	64	66	63	55	53	40		204.0	55
April		13	21	47	76	75	83	84	87	81	78	69	65	53	25		251.1	65
May		47	54	72	83	83	85	86	88	81	81	75	70	50	37		303.3	72
June		20	26	55	83	86	77	70	59	67	70	67	54	42	36		243.4	58
July		54	60	65	66	74	69	55	61	69	63	51	52	39	34		248.9	58
August		43	44	63	79	84	84	86	79	75	74	65	56	42	22		269.4	66
September		45	64	80	91	94	96	92	93	85	80	76	72	54	23		297.1	80
October*																		
November†			47	48	53	66	69	70	66	64	64	50	30	67			197.3	61
December			20	29	55	74	84	80	76	75	73	63	51	52			206.8	65
Sum																		
Percentage of possible																		

* Instrument out of order.

† Instrumental record for 22 days.

ROCHESTER, N. Y. (T.).

[N. lat. 43° 08′.]

January				13	23	30	47	46	40	43	38	30	22				100.1	34
February			23	27	27	53	59	66	72	71	68	46	27	27			148.4	50
March																		
April		49	44	49	54	62	64	65	67	66	66	58	50	46	29		223.5	56
May	19	32	35	39	51	51	53	55	51	52	53	55	45	36	28	2	199.4	44
June	24	23	26	35	53	60	70	66	75	73	72	58	50	44	28	26	230.5	50
July	39	39	42	57	70	80	78	82	72	73	65	65	59	51	43	38	284.0	61
August	41	36	35	43	58	64	69	75	70	68	65	64	48	35	32	61	236.3	55
September		29	43	43	41	46	47	53	62	56	47	44	31	29	2		105.4	44
October			27	30	40	53	51	48	49	42	38	34	25	10			134.2	39
November			10	11	13	19	28	22	21	19	12	1	0				44.2	15
December				13	17	22	30	34	33	35	34	28	29				78.8	28
Sum																		
Percentage of possible																		

ST. LOUIS, MO. (T.).

[N. lat. 38° 38′.]

January																		
February			57	58	58	67	77	78	71	70	63	57	54	40			192.1	63
March			* 45	43	69	82	87	86	83	86	87	86	77	63	41		276.1	75
April																		
May	41	36	42	57	71	78	75	77	79	83	81	77	72	60	48	6	293.0	66
June	70	79	85	87	88	92	97	97	97	94	93	97	99	100	87	53	402.8	91
July	80	71	80	82	89	93	94	90	86	83	80	86	84	82	69	45	372.4	82
August		69	70	76	85	90	94	89	88	88	94	91	85	79	66	60	352.8	83
September		33	40	61	69	77	86	90	88	91	87	85	84	74	48		284.7	76
October			52	57	69	75	76	75	76	80	81	76	67	62			246.8	71
November			42	47	55	63	75	70	71	69	66	67	54				192.0	64
December				32	43	51	59	62	61	63	62	65	65				166.9	56
Sum																		
Percentage of possible																		

SALT LAKE CITY, UTAH (T.).

[N. lat. 40° 46′.]

January				15	26	31	40	54	55	55	54	38	30				121.3	41
February			31	31	31	48	70	74	84	80	70	59	32	28			167.1	56
March		50	30	33	42	57	69	80	78	68	65	57	39	22	20		197.9	53
April		47	50	59	69	72	67	71	71	74	69	67	64	41	30		247.2	62
May	26	35	45	66	78	83	87	93	94	91	86	80	65	54	30	15	308.8	69
June	67	60	61	69	75	79	79	89	89	87	78	75	79	65	47	43	326.6	72
July	83	81	83	89	95	95	95	94	98	89	88	87	78	64	50	51	382.6	83
August	100	69	61	80	87	88	87	88	91	92	84	86	73	56	48	47	333.6	78
September		68	74	75	88	89	92	88	88	87	77	72	69	66	69		299.1	80
October			52	52	72	75	79	84	85	86	78	77	64	55			251.3	73
November			73	60	69	82	89	95	93	88	83	67	67				236.9	80
December				25	29	49	61	72	65	60	62	48	32				150.0	52
Sum	276	410	560	654	761	848	915	982	991	957	894	813	692	451	294	156	3,022.4	
Percentage of possible	69	59	56	54	63	71	76	82	83	80	74	68	58	50	42	39		67

SAN DIEGO, CAL. (P.).

[N. lat. 32° 43′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	73	78	90	87	89	89	91	88	84	81	55	.....	.....	265.8	84
February	.....	.....	64	71	75	76	86	81	84	87	89	89	77	75	.....	.....	248.9	81
March	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	.....	37	29	40	49	76	82	84	89	82	73	64	62	40	40	.....	242.8	62
May	.....	5	18	26	39	59	75	78	76	82	78	71	65	49	24	.....	229.6	53
June	14	10	19	29	58	79	83	85	88	88	90	90	79	71	47	17	275.9	64
July	0	3	17	32	65	91	90	87	90	88	85	85	83	78	49	61	295.0	68
August	.....	6	18	31	53	72	84	85	86	85	87	86	83	62	51	.....	270.3	65
September	.....	9	18	29	46	75	77	75	79	80	83	80	76	68	44	.....	237.4	64
October*	.....	0	28	33	47	69	79	85	86	89	90	93	88	67	.....	.....	227.9	72
November	.....	.....	32	37	46	46	72	82	87	84	86	90	59	78	.....	.....	212.3	67
December	.....	.....	20	22	30	42	49	56	52	49	49	49	20	0	.....	.....	130.7	42
Sum	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Percentage of possible.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Record for 25 days.

SAN FRANCISCO, CAL. (P.).*

[N. lat. 37° 48′.]

January	.....	.....	.....	21	35	50	45	48	60	65	66	64	46	43	.....	.....	155.2	51
February	.....	.....	26	32	49	61	64	59	55	61	62	65	52	30	.....	.....	163.1	54
March	.....	0	24	34	47	60	70	63	75	79	67	62	64	39	49	.....	212.4	57
April	.....	14	20	55	72	80	87	85	90	92	94	94	89	80	61	.....	294.8	75
May	14	16	34	51	53	58	63	66	75	84	82	78	71	65	35	23	258.4	59
June	18	22	37	50	53	63	69	74	76	80	88	87	76	68	50	42	274.4	62
July	11	21	33	36	48	66	90	96	97	100	100	97	87	66	39	34	307.0	68
August	.....	3	9	23	31	54	73	79	83	82	84	80	70	54	16	41	228.7	54
September	.....	21	24	55	76	82	89	94	94	98	97	92	83	66	47	.....	287.6	77
October*	.....	0	25	46	50	66	76	76	83	87	79	76	71	54	.....	.....	233.0	67
November	.....	.....	30	38	56	67	87	88	92	94	95	95	68	.....	.....	.....	233.2	77
December	.....	.....	.....	16	33	48	61	65	72	62	54	39	15	.....	.....	.....	142.3	48
Sum	43	97	262	457	603	755	874	893	952	984	968	929	792	565	297	140	2,790.1	.....
Percentage of possible.	14	12	26	38	50	63	73	74	79	82	81	77	66	56	42	35	.....	62

* Thermometric from November 15, 1894.

SANTA FE, N. MEX. (P.).

[N. lat. 35° 41′.]

January	.....	.....	.....	65	75	82	83	85	82	79	83	83	73	57	.....	.....	246.9	79
February	.....	.....	40	50	64	73	72	74	73	80	72	61	57	48	.....	.....	200.9	66
March	.....	30	67	79	85	86	82	81	75	78	80	83	77	56	41	.....	286.6	77
April	.....	63	71	86	91	92	91	84	84	82	80	75	71	59	55	.....	309.4	79
May	42	69	77	86	89	89	89	85	84	84	78	70	73	61	49	60	335.1	77
June	62	75	88	93	95	95	93	95	97	88	86	91	92	87	75	50	384.2	88
July	58	66	91	91	95	93	96	89	75	78	66	55	54	47	24	11	318.9	72
August	.....	32	51	67	83	82	81	64	63	62	48	42	45	36	17	.....	235.5	56
September	.....	59	78	81	85	90	87	79	88	82	84	83	81	74	35	.....	304.1	82
October	.....	67	86	84	86	96	95	94	93	91	90	89	84	90	.....	.....	313.8	90
November	.....	.....	92	94	93	93	93	88	88	92	92	93	87	100	.....	.....	282.0	91
December	.....	.....	71	47	51	61	66	62	73	70	68	58	44	.....	.....	.....	183.6	60
Sum	162	461	812	923	992	1,032	1,028	980	975	966	927	883	838	715	296	121	3,401.0	.....
Percentage of possible.	54	58	74	77	83	86	86	82	81	80	77	74	70	65	42	40	.....	76

SAVANNAH, GA. (P.).

[N. lat. 32° 05′.]

January	.....	.....	.....	38	47	56	56	55	54	59	60	54	45	39	.....	.....	165.7	52
February	.....	.....	37	38	46	44	47	44	41	54	56	49	38	35	.....	.....	138.8	45
March	.....	67	61	62	68	76	77	74	67	76	74	75	69	52	54	.....	258.1	69
April	.....	48	63	78	83	81	81	77	78	73	77	77	69	59	57	.....	284.7	73
May	76	63	75	78	83	83	81	73	70	81	77	71	69	55	27	.....	304.4	71
June	40	33	60	75	82	85	83	69	72	71	68	61	63	49	32	13	272.9	64
July	.....	33	53	58	61	54	55	54	56	58	54	54	44	35	11	10	209.9	48
August	.....	38	47	59	66	71	69	64	68	68	61	53	42	24	19	.....	226.1	54
September	.....	30	39	59	57	64	54	51	51	59	56	58	56	46	37	.....	198.7	53
October	.....	50	67	82	84	80	81	75	78	80	80	78	71	61	.....	.....	272.8	77
November	.....	.....	55	55	59	68	70	72	76	79	76	69	64	77	.....	.....	215.9	68
December	.....	.....	47	58	74	78	75	75	74	73	72	73	57	50	.....	.....	220.9	70
Sum	116	362	604	740	810	840	829	783	785	831	811	772	687	582	237	23	2,708.4	.....
Percentage of possible.	58	45	55	62	68	70	69	65	65	69	68	64	57	48	34	12	.....	62

SPOKANE, WASH. (P.).

[N. lat. 47° 40′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January																		
February																		
March																		
April																		
May																		
June																		
July	64	65	79	88	95	93	92	86	78	83	83	82	79	79	69	61	386.6	80
August	47	41	44	69	72	81	86	79	68	75	76	78	72	62	56	32	300.2	68
September		61	47	51	59	65	67	61	49	60	59	59	54	46	59		214.4	57
October			34	40	57	59	58	54	46	50	54	52	52	53			172.0	51
November			0	11	19	24	28	27	22	31	33	34	33				72.1	26
December				6	20	32	36	39	31	41	36	34	31				85.8	33
Sum																		
Percentage of possible																		

TUCSON, ARIZ. (P.).

[N. lat. 32° 14′.]

January				77	82	82	84	75	81	83	78	75	68	56			247.1	77
February			63	68	83	88	88	90	92	93	90	83	64	57			253.5	82
March																		
April		67	79	90	91	88	92	89	92	92	91	90	87	77	65		337.0	86
May	61	74	88	89	93	93	92	92	90	89	88	90	92	89	80		380.0	89
June*	96	95	99	99	100	100	100	100	100	100	99	100	99	97	96	100	364.5	99
July	50	65	73	85	93	97	97	95	97	98	88	78	76	60	43	37	354.7	82
August		45	48	62	77	81	78	78	88	88	76	67	62	34	31		275.5	67
September		77	81	88	94	91	95	92	96	92	90	91	84	77	54		330.0	89
October		100	88	87	88	90	90	92	89	88	93	83	72	77			306.1	87
November			97	93	94	97	98	94	97	100	98	97	92	100			303.3	96
December			41	29	24	34	41	39	40	46	49	49	37	6			121.6	39
Sum																		
Percentage of possible																		

* Record for 26 days.

VICKSBURG, MISS. (T.).

[N. lat. 32° 22′.]

January																		
February*			26	26	34	41	48	51	57	51	47	47	46	29			81.7	44
March		67	42	39	58	76	90	82	81	74	77	69	58	47	39		246.0	66
April		48	47	52	64	78	78	89	86	89	81	77	62	51	36		268.0	68
May	25	29	36	64	80	90	90	90	95	93	91	92	84	62	19		313.9	73
June	31	30	35	58	81	86	92	91	90	89	89	77	70	54	37	46	296.4	69
July		50	48	54	75	85	87	88	90	78	79	73	69	66	33	43	303.7	69
August		40	39	44	67	83	84	91	94	90	83	72	63	47	28		279.4	68
September		56	60	69	72	77	87	92	93	88	87	70	71	61	47		281.8	76
October		83	78	81	87	93	93	92	97	99	95	94	92	93			321.6	91
November			42	46	60	79	79	84	81	85	84	73	71	73			229.3	73
December			9	23	41	46	56	80	75	72	69	61	52	33			176.5	56
Sum																		
Percentage of possible																		

* Record for 17 days.

WASHINGTON, D. C. (P.).

[N. lat. 38° 54′.]

January				28	38	46	48	42	43	45	48	52	46	43			134.0	44
February			28	25	40	50	58	53	54	62	59	60	55	49			154.4	51
March		33	48	58	65	67	61	69	70	72	67	65	52	58	57		232.9	63
April		51	50	60	58	61	66	64	56	58	60	60	54	47	48		226.2	57
May	31	36	45	58	64	65	65	65	66	65	68	63	66	52	48	20	259.2	59
June	46	50	68	81	84	80	81	84	88	89	90	87	73	57	44	46	328.2	74
July	70	66	71	75	83	85	84	86	78	79	77	73	74	68	53	49	336.6	74
August		20	45	65	70	69	73	79	81	77	79	73	69	51	43	47	274.1	65
September		38	33	50	64	71	76	73	60	62	63	62	54	49	51		220.2	59
October			41	46	49	59	61	61	62	64	58	61	58	70			197.4	57
November			38	38	48	59	63	73	83	83	80	72	62				197.4	65
December				39	42	49	57	64	66	66	58	52	51				161.3	55
Sum	147	294	467	623	705	761	791	813	807	822	807	780	716	544	344	162	2,721.9	
Percentage of possible	49	37	47	52	59	63	66	68	67	68	67	65	60	54	49	40		60

WILMINGTON, N. C. (T.).

[N. lat. 34° 14′.]

Month.	Percentage of sunshine during hours ending (local time)—																Total (hours).	Percentage of possible.
	5h a. m.	6h	7h	8h	9h	10h	11h	Noon.	1h p. m.	2h	3h	4h	5h	6h	7h	8h		
January	.....	.....	.....	17	25	42	55	57	57	58	53	42	35	29	.....	.....	136.5	43
February	.....	.....	25	26	32	55	58	60	65	64	52	46	28	25	.....	.....	142.3	47
March	.....	42	43	43	52	64	74	77	76	74	69	68	59	47	39	.....	230.8	62
April	.....	55	53	60	70	72	75	70	73	68	67	61	49	49	49	.....	246.4	63
May	18	32	35	65	75	73	68	69	78	68	57	56	57	37	32	.....	248.4	57
June	68	63	60	60	73	77	70	71	73	72	70	69	57	57	57	44	284.9	66
July	19	19	22	40	50	47	45	47	55	57	48	32	21	12	13	14	158.2	36
August	.....	30	29	34	57	64	63	70	63	54	50	35	20	14	15	.....	180.8	43
September	.....	33	30	42	55	64	64	64	58	49	50	42	31	25	15	.....	175.6	47
October	.....	84	59	61	75	76	82	78	73	72	69	70	59	52	.....	.....	245.1	70
November	.....	.....	35	39	57	64	71	78	76	76	73	66	52	50	.....	.....	199.4	64
December	.....	.....	31	42	50	59	63	69	72	72	65	54	44	.....	.....	.....	181.4	59
Sum	105	355	422	529	671	757	788	810	819	784	723	641	512	397	220	58	2,429.8	.....
Percentage of possible	35	44	38	44	56	63	66	68	68	65	60	53	43	36	31	29	.....	55

Blank page retained for pagination

VIOLENT STORMS IN THE UNITED STATES FOR 1894.

By H. A. Hazen.

During the year a careful watch has been kept for reports of destructive storms in the newspapers or by the observers of the Weather Bureau. In each case a circular has been sent out containing a series of questions relating to the behavior of the storm and to its destructiveness. All of the reports are finally summarized and arranged according to a scale of 0 to 3+, as determined by the violence of the storm. The following figures are for 1894:

Violent storms by scale.

0	1—	1	1+	2—	2	2+	3—	3	3+	Total,
275	216	58	45	13	10	4	1	2	1	625.

This table emphasizes the fact so often mentioned, that the violent storms of this country are not anything like as numerous as we might think from the great number reported. There are about 79 per cent (scale 0 and 1—) of the total number reported which prove, on investigation, to be of a very mild character.

The five years which have elapsed since these special statistics began have given us data sufficient for several interesting tables, though it will be understood that twenty or even thirty years will be needed to establish any very accurate distribution of violent storms by States. Table I gives for the five years 1890–1894 all the violent storms according to scale 1 to 3+ and by months. Table II gives the violent storms for the same period by years and by scale for all the States. Table III is a summary of Table I. Table IV gives the total number of deaths from violent storms on the land for the five years and by months. We note that the maximum number of deaths have occurred in March, although the greatest number of violent storms have occurred in June. The reason for this, in part, at least, is to be seen in the fact that the storms of excessive violence are much more frequent in March and April than in June. There are 8 in March of the four highest scale numbers and 10 in April, while in May there are but 2 and in June 6.

At the close there is given a list of all the more severe storms, scale 2— to 3+, together with some of their more marked manifestations.

Table I.—Violent Storms of Scale 1 to 3+, by Months, 1890–1894.

	1	1+	2—	2	2+	3—	3	3+	Total.
Jan., 1890	3			1			1		5
1891	2	1							3
1892	7								7
1893	1								1
1894		1			1				2
Total	13	2		1	1		1		18
Feb., 1890	6	7				1			14
1891	5	2							7
1892									
1893	3								3
1894	7	5							12
Total	21	14				1			36

TABLE I.—VIOLENT STORMS OF SCALE 1 TO 3+, BY MONTHS, 1890–1894—Continued.

	1	1+	2—	2	2+	3—	3	3+	Total.
Mar., 1890	22	7		2	2		1	1	35
1891	1	1							2
1892	11	11	2	1	1				26
1893	12	8	3	6	1	1			31
1894	3	3	1				1		8
Total	49	30	6	9	4	1	2	1	102
Apr., 1890	7		1						8
1891	2	1		1					4
1892	13	5	3	1					22
1893	28	28	4	5	6	2	1	1	75
1894	3	6	1	1					11
Total	53	40	9	8	6	2	1	1	120
May, 1890	12	1	4	2					19
1891	2			2					4
1892	6	3	1	1			1		12
1893	16	11	3	3	1				34
1894	6	6		3					15
Total	42	21	8	11	1		1		84
June, 1890	12	2	2	3			2		21
1891	8	7							15
1892	23	10	2	5	2		1		43
1893	3	4		3					10
1894	18	12	7	1		1			39
Total	64	35	11	12	2	1	3		128
July, 1890	8	1	2	3	2		1		17
1891	6	1							7
1892	12	8	1	5					26
1893	8	2	2	2			1		15
1894	4		1						5
Total	38	12	6	10	2		2		70
Aug., 1890	6	2	1	1				1	11
1891	5	1	1						7
1892	1	1							2
1893	3		2	1					6
1894	1	1							2
Total	16	5	4	2				1	28
Sept., 1890	1								1
1891									
1892	2	1							3
1893	1	2		1	1				5
1894	7	6	2	5	3		1		24
Total	11	9	2	6	4		1		33
Oct., 1890	1		1						2
1891		1							1
1892									
1893									
1894	1	2						1	4
Total	2	3	1					1	7
Nov., 1890									
1891	5	3		2	1	1			12
1892	5	1		1					7
1893									
1894	1	1							2
Total	11	5		3	1	1			21
Dec., 1890									
1891	6	1							7
1892	4	2							6
1893	1	1							2
1894	7	2	1						10
Total	18	6	1						25

TABLE II.—VIOLENT STORMS OF SCALE 1 TO 3+, BY STATES, 1890–1894.

	1890	1891	1892	1893	1894	Total.	1	1+	2—	2	2+	3—	3	3+	Total.
Alabama	4	3	1	1	5	14	9	4		1					14
Arkansas	1		9	13	6	29	19	7	1	1				1	29
District of Columbia		1				1				1					1
Florida					1	1		1							1
Georgia	1		2	6	4	13	9	2	1	1					13
Illinois	18	3	19	4	6	50	26	13	2	3	3		3		50
Indiana		4	7	13	7	31	20	9		2					31
Iowa	11	4	13	15	22	65	28	21	3	9	3		1		65
Kansas	3		27	10	9	49	23	14	3	7		1	1		49
Kentucky	18	3	1	6	3	31	16	5	2	7				1	31
Louisiana	2	2		9	8	21	9	9		2	1				21
Maine	1		6			7	3	4							7
Maryland	1	5	1	2		9	7		2						9
Massachusetts	1				1	2	1				1				2
Michigan	1	1	2	12	1	17	6	4	2	2	3				17
Minnesota	4	1	12	1	18	36	12	8	10	4	1	1			36
Mississippi	4	4	1	16	8	33	18	7	1	1	3	3			33
Missouri	4	8	10	21	3	46	21	15	3	5	1		1		46
Nebraska	6	1	3	6	4	20	10	1	3	4	1		1		20
New Hampshire					1	1	1								1
New Jersey	1			1		2	1		1						2
New York	2	4	2	2	2	12	7	3	1	1					12
North Carolina	3	1		4	1	9	4	2	3						9
North Dakota	2					2	2								2
Ohio	7	3	7	12	5	34	19	7	2	5	1				34
Oklahoma			2	4		6	3	1	1				1		6
Pennsylvania	15	9	7	6	1	38	19	10	1	6	1			1	38
South Carolina	5	1		1		7	1	5	1						7
South Dakota	3	1	5		3	12	6	4	1				1		12
Tennessee	6		1	7	2	16	11	4				1			16
Texas	8	7	9	7	11	42	18	16	3	2	1	1		1	42
Virginia	1		3	1		5	3	1		1					5
West Virginia			1		2	3	1	2							3
Wisconsin		3	3	2		8	5	3							8
Total	133	69	154	182	134	672	338	182	47	65	20	7	9	4	672

TABLE III.—VIOLENT STORMS, 1 TO 3+, BY MONTHS.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1890	5	14	35	8	19	21	17	11	1	2			133
1891	3	7	2	4	4	15	7	7		1	12	7	69
1892	7		26	22	12	43	26	2	3		7	6	154
1893	1	3	31	75	34	10	15	6	5			2	182
1894	2	12	8	11	15	39	5	2	24	4	2	10	134
Total	18	36	102	120	84	128	70	28	33	7	21	25	672

TABLE IV.—DEATHS BY VIOLENT STORMS.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1890			160	6	26	27	29	25					273
1891	2	1	10	9	9	35	30	11	1				108
1892			39	21	91	49	7	17	11	9	21	11	276
1893		3	96	174	20	6	83	7	10				399
1894	1	13	32	25	32	34	2	2	76	19			236
Total	3	17	337	235	178	151	151	62	98	28	21	11	1,292

VIOLENT STORMS OF 1894.

The following list comprises all the storms of scale 2− to 3+ that were reported in 1894:

JANUARY 20.—Dallas, Tex.; 1h. 45m.; 2+.

Lightning vivid; loud roar like a large pipe organ in full force; whirl clockwise; trees in center of track thrown forward; peculiar glow in cloud; two clouds came together in the west; loss, $60,000; 1 killed.

MARCH 16.—Trickham, Tex.; 20h.; 2−.

Loud roar; timber thrown in every direction; looked like a huge ball of fire; two clouds met to the west of town; loss, $10,500; 4 killed.

MARCH 17.—Emory, Tex.; 19h. 30m.; 3.

Two clouds came together and formed a funnel; incessant lightning and heavy thunder; fearful roar; moved to northwest; whirl, counter-clockwise; appeared bright, like mouth of furnace, just like a flow of electricity in balls; town destroyed; 8 killed.

APRIL 8.—Burlington, Kans.; 18h.; 2.

Loud roar; motion toward northeast; no whirl; yellow cloud; loss, $20,000.

APRIL 30.—Texarkana, Ark.; 16h. 10m.; 2−.

Two clouds joined in a funnel; lightning in rear of storm; loud roar; moved to northeast; loss, $10,000; 2 killed.

MAY 5.—Unionville, Iowa; 18h. 30m.; 2.

Loss, $30,000; 1 killed; funnel; lightning behind; very loud roar; moved to southeast; whirled clockwise; trees fell toward center from both sides.

MAY 9.—Stillwater, Minn.; between 17h. and 18h. 30m.; 2.

Loss, $25,000; 1 killed; slight lightning and thunder; trees carried to northeast; very white appearance in cloud.

MAY 17.—Kunkle, Ohio; 16h. 30m.; 2.

Loss, $30,000; 4 killed; no lightning; loud roar, moved to east; whirl counter-clockwise; on north side trees lay to the west, and on south side, east, and in center, in every direction; two clouds met and a bright glow was noted in the west.

JUNE 4.—Callaway, Nebr.; 19h. 30m.; 2−.

Loss, $15,000; no lightning; loud roar of wind; moved south-southeast; no whirl.

JUNE 4.—Cozad, Nebr.; 18h.; 2−.

Loss, $15,000; vivid lightning; loud roar; moved southeast; cloud looked white.

JUNE 18.—Ellsworth, Kans.; 15h.; 2.

Loss, $20,000; no funnel; whirl north to east; trees carried to west on north side and in center; on south side to north; two clouds met in the west.

JUNE 27.—Cold Spring, Minn.; 20h.; 2−.

Loss, $15,000; funnel cloud; violent lightning; moved to northeast; whirl counter-clockwise; trees fell to southwest; timbers carried northeast; dark gray color in cloud; two clouds met west of town.

JUNE 27.—Collegeville, Minn.; 20h. 30m.; 2+.

Loss, $75,000; funnel; air charged with electricity; play of electricity seen on metallic points; moved to north; trees carried north or west on north side; to north in center; twenty poplars, each about 50 feet high, fell to south.

JUNE 27.—Jasper, Minn.; 16h. to 17h.; 2−.

Loss, $10,000; 2 killed; funnel whitish in appearance; light lightning; roar heard; moved northwest; trees and débris carried along the track.

JUNE 27.—Pipestone, Minn.; 18h.; 2−.

Funnel; roar heard; moved northeast; whirl clockwise; trees on north side thrown back to southwest; on south side and in center they were thrown forward; 1 killed.

JUNE 27.—Renville, Minn.; 17h. 45m.; 2−.

Loss, $12,000; funnel; loud roar; moved to northeast; whirl clockwise; on north side trees carried to west; south side, northeast; peculiar glow in cloud; two clouds met west of town.

JUNE 27.—Sisseton Agency, S. Dak.; 17h.; 2−.

Loss, $10,000; 2 killed; funnel cloud; roar; moved northeast; trees on north of track carried to north; on south, to south, and in center, to northeast; two clouds met west of town.

AUGUST 11.—Mendon, Ill.; 15h.; 2−.

Loss, $13,000; moved east; trees and débris carried east.

SEPTEMBER 9.—Huntley, Ill.; 20h. 45m. to 21h. 30m.; 2+.

Loss, $30,000; continual lightning; roar; moved southeast; trees, etc., carried to the east.

SEPTEMBER 9.—Saginaw, Mich.; 22h. to 2h. of 10th; 2+.

Loss, $25,000; moved northeast; whirled clockwise; trees carried to east or northeast on either side and in center of track.

SEPTEMBER 21.—Algona, Iowa; 20h. 15m.; 2.

Loss, $25,000; 12 killed; lightning very vivid; moved east-northeast; on north side trees were carried northeast; in center, east.

SEPTEMBER 21.—Britt, Iowa; 20h. 30m.; 2+.

Loss, $40,000; 10 killed; funnel; violent lightning; roar like continuous thunder; whirled counter-clockwise. On north side trees carried east and southeast; in center, every way; cloud black as ink.

SEPTEMBER 21.—Cylinder, Iowa; 20h.; 2.

Three killed; funnel; lightning; roar; moved north of east; whirled clockwise; on north side of track débris carried north and east; on south side to east, and in center with storm; cloud cone shaped, looked like steam.

SEPTEMBER 21.—Forest City, Iowa; 21h. 30m.; 2—.

Moved northeast; sharp lightning and continuous thunder; roar heard for half an hour before; trees in center carried northeast; two currents of air from southwest and northwest met.

SEPTEMBER 21.—Lowther, Iowa; scale 2.

SEPTEMBER 21.—St. Ansgar, Iowa; 22h.; 2—.

Loss, $15,000; funnel; blinding lightning all the time; roar like long railroad train; trees twisted every way; looked like pillar of fire in center.

SEPTEMBER 21.—Wesley, Iowa; 20h. 30m.; 2.

Loss, $50,000; 2 killed; funnel; constant lightning; heavy thunder; roar; moved north of east; whirled clockwise; trees and débris scattered every which way.

SEPTEMBER 21.—Le Roy, Minn.; 22h. 30m.; 3.

Loss, $120,000; 4 killed; plenty of lightning; immense roar; moved northeast; trees scattered in all directions.

SEPTEMBER 21.—Spring Valley, Minn.; 22h. 10m.; 2+.

Loss, $60,000; 6 killed; funnel; sharp lightning, and constant for two hours before; heavy thunder; whirled counter-clockwise; glow seen in cloud; people injured said they felt as if a thousand needles were sticking into them; two persons, some distant apart, saw a ball of fire precede the storm.

OCTOBER 2.—Little Rock, Ark.; 19h. 20m., central time; 3+.

Loss, $500,000; 4 killed; lightning very sharp during and just after the storm; heavy thunder; moved northeast; whirled counter-clockwise; on north side of track trees and débris carried north and west; on south side, east and northeast; in center, to north.

LOSS OF LIFE BY LIGHTNING DURING 1894.

By A. MCADIE.

The statistics given below, collected by the observers of the Weather Bureau, show, in addition to the number of fires and estimated damage, the number of lives lost, the number of persons injured, and such other facts as seem of particular value in connection with lightning.

LOSS OF LIFE AND DESTRUCTION OF PROPERTY BY LIGHTNING IN THE UNITED STATES IN 1894.

In January no lives were lost so far as known.

In February 2 lives were lost, 2 persons injured, and 50,000 feet of lumber destroyed.

In March 6 lives were lost, 3 persons injured; and 2 barns, 2 churches, and 5 dwelling houses struck and damaged.

In April 14 lives were lost, 15 persons injured; 1 barn and 7 dwelling houses damaged.

In May 55 persons were killed by lightning and 34 severely injured; 12 houses were set on fire with a loss of not less than $35,000; 36 dwellings, 4 churches, 2 schoolhouses struck, and more or less damaged; 58 horses and 22 cows not in stables were killed.

In June 96 persons were killed and 102 severely injured; 69 barns were damaged not less than $49,000; 49 horses, 30 cows, and 15 sheep not stabled were killed; 80 dwellings, 22 churches, 1 railroad depot, 1 oil tank, 1 grain elevator, 6 mills and factories were damaged, the loss in the eight last named being not less than $257,000.

In July 60 lives were lost and 103 persons injured; 46 barns were damaged not less than $50,000; 45 dwellings, 12 churches, 2 academies, 3 mills or factories, and 2 railroad depots were struck; 24 horses, 13 cows, 5 mules, and 6 sheep not stabled were killed.

In August 78 lives were lost and 76 persons injured; 81 barns were burned, with a loss of not less than $129,800; 41 dwellings were struck; 22 horses and 15 cows not stabled were killed; 5 churches, 2 academies (one with loss of $38,000), 2 mills, and 1 oil tank (loss, $20,000) were struck.

In September 99 persons were killed and 14 severely injured; 56 barns were struck, with loss of not less than $141,500; 42 dwellings, 2 churches were struck; 14 horses not stabled were killed.

In October 6 persons were killed and 2 severely injured; 2 barns valued at $3,000, 2 dwellings, 2 churches, and several stacks of grain were fired.

In November 1 dwelling was struck, valued at $3,000.

In December 1 barn in Ohio, and 2 dwellings (one in San Francisco, Cal., where damage from lightning is almost unknown) were struck.

During the year 336 persons were killed and 351 severely injured; 268 barns struck, with a damage of $407,500; 55 churches were struck, damage unknown; 261 dwellings and several oil tanks, factories, and elevators, the damage amounting to not less than $351,000.

Following is a recapitulation of the loss of life during previous years:

LOSS OF LIFE IN THE UNITED STATES BY LIGHTNING.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1890	.....	.....	2	6	8	37	55	12	.....	.....	.....	.....	120
1891	.....	.....	.....	13	23	73	52	34	9	.....	.....	.....	204
1892	.....	.....	.....	5	27	74	67	54	15	6	1	2	251
1893	.....	.....	5	19	17	66	73	18	8	2	.....	1	209
1894	.....	2	6	14	45	96	60	78	29	6	.....	.....	336
Total	.....	2	13	57	120	346	307	196	61	14	1	3	1,120