

also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Atlantic City, N. J.....	19	60	nw.	Nantucket, Mass.....	26	56	n.
Block Island, R. I.....	3	55	nw.	New York, N. Y.....	12	58	nw.
Do.....	18	60	nw.	Do.....	18	51	nw.
Do.....	25	53	n.	Do.....	19	72	nw.
Do.....	26	58	n.	Do.....	22	54	nw.
Buffalo, N. Y.....	16	64	w.	Do.....	29	52	nw.
Cape Henry, Va.....	25	51	nw.	Point Reyes Light, Cal.	24	72	nw.
Carson City, Nev.....	2	61	sw.	Port Huron, Mich.....	16	50	w.
Do.....	3	58	sw.	Portland, Oreg.....	12	52	s.
Cheyenne, Wyo.....	13	52	nw.	Sacramento, Cal.....	3	60	se.
Chicago, Ill.....	16	52	w.	Do.....	4	54	se.
Do.....	20	53	s.	San Francisco, Cal.....	3	57	se.
Cleveland, Ohio.....	19	60	nw.	Sioux City, Iowa.....	8	54	nw.
Hatteras, N. C.....	25	56	nw.	Do.....	15	50	nw.
Miles City, Mont.....	15	60	nw.	Do.....	24	50	nw.
Milwaukee, Wis.....	9	50	ne.	Valentine, Nebr.....	15	58	nw.
Mount Tamalpais, Cal.....	24	54	nw.	Williston, N. Dak.....	16	60	n.
Do.....	25	53	nw.	Winnemucca, Nev.....	3	50	s.
Do.....	31	53	nw.	Do.....	4	53	s.
Nantucket, Mass.....	25	55	n.				

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 210 thunderstorms were received during the current month as against 266 in 1900 and 261 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country were most numerous were: 22d, 28; 23d, 35; 24th, 31.

Reports were most numerous from: Missouri, 36; Louisiana and West Virginia, 14.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz, December 31, 1900, to January 8, 1901.

In Canada.—Auroras were reported as follows: Quebec, 22d; Swift Current, 21st, 22d; Banff, 7th; Prince Albert, 21st; Battleford, 21st, 22d, 23d, 24th.

DESCRIPTION OF TABLES AND CHARTS.

By ALFRED J. HENRY, Professor of Meteorology.

Table I gives, for about 145 Weather Bureau stations making two observations daily and for about 25 others making only one observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation, the total depth of snowfall, and the mean wet-bulb temperatures. The altitudes of the instruments above ground are also given.

Table II gives, for about 2,700 stations occupied by voluntary observers, the highest maximum and the lowest minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (. . .).

Table III gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division the average resultant direction for that division can be obtained.

Table IV gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table V gives a record of rains whose intensity at some period of the storm's continuance equaled or exceeded the following rates:

Duration, minutes..	5	10	15	20	25	30	35	40	45	50	60	80	100	120
Rates pr. hr. (ins.)..	3.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.86	0.84	0.75	0.60	0.54	0.50

In the northern part of the United States, especially in the colder months of the year, rains of the intensities shown in the above table seldom occur. In all cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest rainfall of any single storm has been given, also the greatest hourly fall during that storm.

Table VI gives, for about 30 stations furnished by the Canadian Meteorological Service, Prof. R. F. Stupart, director, the means of pressure and temperature, total precipitation and depth of snowfall, and the respective departures from normal values, except in the case of snowfall.

Table XI gives the heights of rivers referred to zeros of gages.

NOTES EXPLANATORY OF THE CHARTS.

Chart I, tracks of centers of high areas, and Chart II, tracks of centers of low areas, are constructed in the same way. The roman numerals show number and chronological order of highs (Chart I) and lows (Chart II). The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. Within each circle is also given (Chart I) the highest barometric reading and (Chart II) the lowest pressure at or near the center at that time.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all, by 0.0.

Chart IV.—Sea-level pressure, temperature, and resultant surface winds. The wind directions on this Chart are the computed resultants of observations at 8 a. m. and 8 p. m., daily; the resultant duration is shown by figures attached to each arrow. The temperatures are the means of daily maxima and minima and are reduced to sea level. The pressures are the means of 8 a. m. and 8 p. m. observations, daily, and are reduced to sea level and to standard gravity. The reduction for 30 inches of the mercurial barometer, as for-

merly shown by the marginal figures for each degree of latitude, has already been applied.

Chart V.—Hydrographs for seven principal rivers of the United States.

Chart VI.—Surface temperatures; maximum, minimum, and mean. Lines of equal monthly mean temperature in red; lines of equal maximum temperature in black; and lines of equal minimum temperature (dotted) also in black.

Chart VII.—Percentage of sunshine. The average cloudi-

ness at each Weather Bureau station is determined by numerous personal observations during the day. The difference between the observed cloudiness and 100, it is assumed, represents the percentage of sunshine, and the values thus obtained have been used in preparing Chart VII.

Chart VIII.—West Indian monthly isobars, isotherms, and resultant winds.

Chart IX.—Total snowfall.

Chart X.—Depth of snow on ground at close of month.

TABLE I.—Climatological data for Weather Bureau Stations, January, 1901.

Table with columns: Stations, Elevation of instruments, Pressure, in inches, Temperature of the air, in degrees Fahrenheit, Precipitation, in inches, and Wind. Rows include stations from New England to North Dakota.

TABLE I.—Climatological data for Weather Bureau Stations, January, 1901—Continued.

Table with columns: Stations, Elevation of instruments, Pressure, Temperature of the air, Precipitation, Wind, and various weather metrics. Rows include stations like Upper Mt. Valley, Minneapolis, St. Paul, etc.

NOTE.—The data at stations having no departures are not used in computing the district averages.

TABLE II.—Climatological record of voluntary and other cooperating observers, January, 1901.

Table with columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into three main sections: Alabama, Arizona-Cont'd, and California-Cont'd. Each section lists various locations and their corresponding weather data for January 1901.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.					Stations.					Stations.						
Temperature. (Fahrenheit.)			Precipitation.		Temperature. (Fahrenheit.)			Precipitation.		Temperature. (Fahrenheit.)			Precipitation.			
Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		
<i>California—Cont'd.</i>					<i>Colorado—Cont'd.</i>					<i>Georgia—Cont'd.</i>						
Stockton	58	37.1	1.89		Twinlakes	42	28.8	0.82	13.0	Columbus	69	28	46.1	3.84		
Stoney	46	35.6	2.68		Vilas	42	20.0	0.20	3.0	Wilmington	68	25	44.0	3.89		
Summerdale	68	37.1	24.46	20.0	Wagon Wheel	42	37	8.9	0.97	15.0	Dahlgonega	64	13	39.6	6.34	
Susanville	46	28.2	4.76	40.0	Walden	44	25	18.7	0.14	3.2	Diamond	61	15	39.6	7.25	T.
Tehama*1	62	31.8	6.01	1.0	Waller	62	15	25.0	0.06	1.0	Dublin	67	24	45.8	4.06	
Tejon Ranch	73	31.8	1.28		Westcliffe	62	15	25.0	1.55	1.6	Elberton	67	24	45.8	4.16	
Templeton*1	70	31.8	9.10		Wray	68	19	29.6	T.	T.	Experiment	67	25	46.4	4.77	T
Thermalito	70	31.8	6.80		Yuma	68	19	29.6	T.	T.	Fitzgerald	78	24	48.9	8.33	
Truckee*1	42	18	24.1	50.0	<i>Connecticut.</i>					Fleming	72	24	49.7	4.62		
Tulare b	74	19	3.20		Bridgeport	51	2	28.8	2.12	6.1	Fort Gaines	78	24	48.6	4.22	
Tulare c	74	19	3.27		Canton	48	10	24.3	1.54	5.5	Franklin	6	26	46.8	5.83	
Ukiah	68	19	11.52		Colchester	48	7	26.4	1.83	6.0	Gaineville	61	23	41.6	8.02	
Upperlake	75	23	6.44	0.5	Falls Village	48	7	26.4	1.48	6.9	Gillsville	66	21	44.2	6.44	
Upper Mattole*1	73	23	18.11		Hartford b	46	2	26.8	1.91	6.0	Greenbush	63	19	41.4	6.79	
Yacaville*1	62	27	4.68		Hawleyville	49	7	26.6	1.89	6.0	Harrison	62	23	48.4	3.51	
Ventura	73	35	4.21		Lake Konomoc	48	7	26.6	2.45	6.0	Hawkinsville	72	22	47.1	4.61	
Visalia b	70	21	4.18		Middletown	52	7	26.9	1.74	8.2	Hephzibah	72	22	47.9	5.00	
Volcano Springs*1	79	24	0.59		New London	49	9	28.6	1.55	6.2	Jesup	77	27	49.9	4.73	
Wasco	69	20	1.00		North Grosvenor Dale	50	9	24.7	2.01		Louisville	68	23	46.8		
Westpoint	74	19	7.66	1.5	Northwalk	51	6	27.1	1.81	6.8	Lumpkin	72	22	49.4	4.35	
West Saticoy	74	19	4.35		Southington	48	6	26.6	1.60	8.8	Marshallville	74	24	49.6	4.53	
Wheatland	58	23	5.46		Storrs	46	8	24.3	2.17	8.5	Maury	75	24	51.4	5.56	
Williams*1	65	31	3.45		Voluntown	48	7	26.0	2.24	5.5	Millen	75	25	48.8	3.18	
Wilmington*1	73	33	3.02		Wallingford	48	7	26.0	1.93	1.0	Monticello	73	23	48.8	3.67	
Wire Bridge*5	68	21	7.16		Waterbury	49	5	26.9	1.78	4.5	Morgan	73	20	48.2	3.48	
Yreka	46	27	8.12	74.0	West Cornwall	46	9	28.5	1.52	5.4	Naylor	80	23	51.0	5.80	
Yuba City*5	64	27	4.82		West Simsbury	49	9	28.5	1.41	5.5	Newnan	65	24	42.7	6.10	
<i>Colorado.</i>					<i>Delaware.</i>					<i>Idaho.</i>						
Alford	60	30	0.29	3.5	Millford	68	11	34.9	3.11		Albion	58	23	28.0	1.11	4.0
Antelope Springs	45	45	10.2	1.13	Millsboro	64	6	33.2	3.05	2.0	American Falls	51	2	27.6	0.94	
Arkans	65	17	0.21	3.0	Newark	56	8	30.8	2.54	10.0	Atlanta	41	2	22.6	3.84	48.0
Blaine	63	17	0.23	3.4	Seaford	60	11	35.0	8.44	5.0	Blackfoot	48	21	25.8	0.80	0.5
Boulder	69	8	0.53	7.5	Wyoming	60	11	35.0	2.58	5.0	Burnside	37	15	18.1	1.40	13.0
Boxelder	69	8	0.19	2.0	<i>District of Columbia.</i>					Challis	52	12	24.7	1.18	10.0	
Breckenridge	39	30	2.36	38.2	Distributing Reservoir*6	60	15	34.3	2.38		Chesterfield	44	20	18.0	0.91	8.0
Buenavista	65	24	0.25	4.0	Receiving Reservoir*5	60	12	33.8	2.62		Downey	45	5	29.6	0.90	T.
Canyon	65	24	0.37	5.0	West Washington	69	13	33.7	2.99	7.3	Forney	48	18	21.4	1.58	13.5
Castlerock	59	23	0.25	3.0	<i>Florida.</i>					Garnet	55	11	35.6	0.54	T.	
Cedaredge	56	17	0.79	3.2	Archer	81	26	54.8	3.11		Gargerman	54	3	33.7	0.74	0.3
Cheyenne Wells	54	17	0.15	1.0	Bartow	83	30	59.2	1.07		Haley	42	1	19.8	4.17	42.5
Clearview	48	17	0.81	13.0	Brooksville	79	32	55.8	2.04		Kootenai	40	12	19.0	2.60	26.0
Collbran	48	15	0.88	14.2	Carrabelle	72	20	54.2	2.92		Lake	48	6	29.0	3.51	22.0
Colorado Springs	62	19	0.06	1.5	Clermont	84	33	58.4	1.03		Lakeview	48	6	29.0	3.51	22.0
Cope	62	15	0.07	1.0	Dalkeith	76	29	53.2	4.54		Lo-t River	40	23	14.6	1.54	17.0
Crook	72	17	0.00	2.0	De Funiak Springs	74	25	52.6	3.97		Moscow	46	7	23.7	2.93	
Delta	60	10	0.57	5.0	Deland	85	25	56.9	3.75		Murray	48	6	25.8	4.65	27.0
Dumont	62	15	0.45	7.0	Earnestville	82	36	59.0	2.75		Oakley	56	1	31.0	0.5	2.0
Durango	55	15	0.44	7.0	Eustis	86	33	59.5	1.42		Ola	45	6	31.3	2.82	14.3
Fort Collins	62	12	0.19	2.0	Federal Point	79	29	55.4	2.97		Paris	50	11	20.8	0.66	
Fort Morgan	60	23	0.05	0.8	Fort George*1	76	38	54.6	1.16		Payette	48	19	32.8	1.18	4.5
Fox	59	18	0.05	0.5	Fort Meade	83	29	60.0	1.16		Pollock	50	18	35.0	2.27	6.0
Gilman	58	18	2.15	37.0	Fort Pierce	83	34	63.0	2.69		Priest River	46	9	27.0	3.03	24.2
Glensyrie	58	18	0.33	3.8	Galnesville	81	27	57.6	2.19		St. Maries	48	10	30.2	3.41	22.5
Greeley	60	24	0.22	3.5	Huntington	84	27	56.7	2.19		Soldier	41	20	16.6	2.44	25.5
Grover	60	24	T.	T.	Hypoluxo	81	41	67.1	9.62		Swan Valley	49	12	21.9	0.47	4.8
Gunnison	38	33	0.38	5.9	Inverness	83	25	55.7	1.67		Weston	43	1	27.0	0.94	3.0
Hamps	68	24	0.94	5.5	Jasper	82	27	53.5	8.68		<i>Illinois.</i>					
Hoehne	67	29	0.13	2.0	Kissimmee	81	31	61.4	0.92		Albion	63	9	34.8	1.31	0.5
Holly	69	12	0.20	2.0	Lake Butler	82	25	54.8	1.52		Aledo	55	4	27.4	1.44	
Holyoke (near)	70	23	0.00	3.0	Lake City	80	25	54.7	3.95		Alexander	63	12	31.6	2.33	1.2
Hugo	62	24	0.18	3.0	McAlpin	85	25	54.6	4.30		Ashton	52	12	23.6	0.91	8.4
Husted	62	24	0.25	4.5	Macclenny	77	23	53.0	3.63		Astoria	58	3	30.2	2.80	1.8
Lake Moraine	48	15	1.05	13.8	Manatee	82	36	58.9	1.94		Aurora a	53	10	23.9	1.39	8.1
Lamar	73	17	0.40	4.0	Marco	87	42	65.5	0.25		Bloomington	59	5	29.0	1.70	1.8
Laporte	70	20	0.05	1.0	Marianna	76	25	51.3	1.10		Bushnell	58	0	29.2	0.87	1.5
Las Animas	70	20	0.28	3.0	Merritt Island	82	40	61.3	1.10		Cambridge	55	5	26.0	1.37	7.5
Lay	47	24	0.70	11.5	Micanopy	82	25	55.6	3.13		Carlville	65	5	32.8	1.70	
Leadville (near)*1	42	16	1.02	14.8	Middleburg	80	32	51.9	3.21		Carlyle	64	8		0.72	
Leroy	62	13	0.06	0.8	Myers	84	39	60.8	0.50		Centralia	64	2	31.2	1.39	3.0
Longs Peak	48	20	0.69	11.0	Nocatee	85	31	60.6	1.08		Charleston	69	14	20.7	1.43	14.5
Mancos	51	10	2.20	4.0	Ocala	87	26	57.0	2.09		Chemung	64	2	31.2	1.00	0.6
Marshall Pass	48	18	1.55	24.0	Orange City	85	27	58.4	1.50		Cisne	67	9	35.9	1.03	T.
Meeker	48	18	0.81	9.2	Orlando	82	35	60.0	1.07		Coatsburg	67	4	39.8	1.70	T.
Mitchell	1.07	16.0	1.07	16.0	Plant City	85	33	59.2	1.07		Cobden	65	11	34.6	1.34	
Montrose	45	15	0.54	5.5	Rockwell	88	27	58.0	2.15							
Moraine	45	15	0.61	9.5	St. Augustine	79	32	56.8	1.53							
Pagoda	49	24	0.74	10.0	St. Francis	84	24	57.4	1.31							
Parahute	49	8	1.07	10.0	Sebastian	81	38	60.6	2.86							
Perry Park	42	18	1.47	16.0	Stephensville*1	79	27	53.4	2.69							
Rangely	42	18	0.40	6.8	Sumner	88	32	55.8	2.40							
Rockyford	70	32	0.20	2.5	Switzerland*1	79	32	52.6	2.28							
Rogers Mesa	55	5	0.89	3.4	Tallahassee	74	29	52.1	3.46							
Ruby	59	12	4.12	64.0	Wausau	73	26	53.2								
Saguacho	59	12	0.07	1.0	<i>Georgia.</i>											
Salida	60	16	0.01	0.2	Adairsville	63	22	43.6	6.67							
San Luis	58	16	0.43	2.0	Albany	77	30	51.5	4.77							
Santa Clara	56	10	0.46	7.2	Allapaha	74	26	49.0	5.22							
Sapinero	55	10	0.55	10.5	Allentown	72	24	48.4	3.96							
Sargents	55	10	0.78	12.0	Amerious	71	25	46.2	4.70							
Seibert	51	9	0.15	2.0	Athens b	67	23	42.6	4.14							
Silt	51	9	1.08	15.5	Auburn	66	22	44.0	5.35							
Springfield	54	15	0.25	4.0												

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with 15 columns: Stations, Temperature (Fahrenheit) [Maximum, Minimum, Mean], Precipitation [Rain and melted snow, Total depth of snow]. Rows are organized by state: Illinois-Cont'd., Indiana-Cont'd., Iowa-Cont'd., and Kansas.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Temperature. (Fahrenheit.)					Precipitation.		Temperature. (Fahrenheit.)					Precipitation.		Temperature. (Fahrenheit.)					Precipitation.										
Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	Stations.	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Kansas—Cont'd.						Kentucky—Cont'd.						Maryland—Cont'd.																	
Anthony	63	-2	32.3	0.10	1.0	Paducah	71	15	41.2	1.77	1.0	Harney	65	10	35.5	2.34	8.0												
Atchison	61	-7	26.9	0.55	5.5	Pikeville	69	19	40.4	2.34	2.0	Jewell	63	14	31.9	2.60	7.0												
Beloit	63	1	33.8	0.57	T.	St. John	65	10	35.9	1.57	T.	Johns Hopkins Hospital	64	7	32.4	2.94	5.0												
Burlington	55	-21	28.8	0.32	3.5	Scott	64	4	32.0	1.02	3.7	Laurel	63	5	30.4	2.85	11.0												
Campbell	67	7	39.4	0.20		Shelby City	65	10	35.4	1.69	T.	McDonogh	58	10	31.7	3.10	8.8												
Chanute	66	-18	29.0	0.20	2.0	Shelbyville	64	12	34.7	1.22	T.	Mount St. Marys Coll.	60	8	31.8	2.71	9.5												
Colby	64	8	36.8	1.27	T.	Vancsburg	60	10	33.5	2.70	8.0	Newmarket	68	14	37.8	2.44	3.0												
Columbus	66	-14	30.2	0.10	1.0	Warfield	69	12	36.3	2.80	3.0	Pocomoke	63	9	35.6	3.20	5.0												
Cooldge	62	-8	30.1	0.42	2.5	Williamsburg	64	18	39.3	3.24	T.	Prince Fredericktown	62	10	35.6	2.70	5.5												
Delphos	65	-13	29.4	0.40	4.0	Louisiana.						Rockhall	60	11	34.6	2.41	4.5												
Dresden	66	-7	32.0	0.46	4.0	Abbeville	77	23	56.0	2.65		Sharpsburg	57	11	34.0	2.20	11.0												
Ellinwood	66	-4	34.6	0.20		Alexandria	76	37	52.6	4.74		Smithsburg	58	8	32.4	1.96	9.0												
Englewood	68	-18	29.6	0.20	2.0	Amite	76	37	52.4	6.40		Smithsburg	58	8	32.0	2.66	12.5												
Eureka	66	2	36.1	0.85	T.	Baton Rouge	77	30	52.5	4.59		Solomons	67	17	37.2	3.98	6.0												
Eureka Ranch	60	-11	31.7	0.45	1.0	Burnside	77	30	55.3	4.69		Sulphur	63	10	35.4	3.12	11.5												
Fallriver	60	-4	30.0	0.30	3.0	Calhoun	70	24	49.0	3.12		Sunnyside	54	-3	26.3	5.14	21.0												
Fanning	60	-11	31.7	0.45	1.0	Cheneyville	75	27	52.8	8.63		Takoma Park	56	6	31.2	2.68	7.9												
Frankfort	68	-14	31.5	0.20	1.5	Clinton	78	25	50.8	6.68		Taneytown	53	9	31.2	2.92	5.8												
Garden City	67	-11	32.0	0.30	2.0	Como	74	22	49.4	6.51		Van Bibber	53	9	32.2	2.81	5.8												
Gova	62	-8	35.4	1.07	T.	Covington	72	20	52.1	4.73		Westernport	60	6	28.2	2.87	14.1												
Grenola	62	-8	35.4	0.75	3.5	Donaldsonville	80	32	55.5	2.50		Westminster	60	7	31.7	2.91	14.1												
Harrison	56	-3	30.4	0.55	3.0	Emile	74	30	53.2	3.86		Woodstock	62	9	32.1	2.99	9.5												
Horton	68	-17	29.2	0.30	3.0	Farmerville	71	25	50.5	3.53		Massachusetts.																	
Hoxie	68	-6	33.2	0.25	1.0	Franklin	75	33	53.5	2.91		Amherst	41	-6	24.9	2.09	8.0												
Hutchinson	68	8	37.2	0.83	T.	Grand Coteau	74	30	54.4	2.61		Bedford	48	-9	24.8	1.57	8.0												
Independence	63	-14	32.0	0.30	1.5	Hammond	76	27	53.2	5.11		Bluehill (summit)	48	-9	24.2	2.05	9.6												
Jetmore	70	-13	32.5	0.10	1.0	Houma	76	31	54.9	2.64		Cambridge	56	-6	28.6	1.73	6.8												
Lakin	62	-10	37.6	0.70	5.0	Jeanerette	77	31	55.3	3.85		Chestnut Hill	48	-6	25.9	1.72	6.8												
Lawrence	60	3	32.5	0.42	T.	Jennings	75	30	52.8	3.58		Conasset	49	-8	23.8	1.46	8.7												
Lebanon	59	3	32.5	0.42	T.	Lafayette	75	28	53.6	5.48		Concord	49	-8	23.8	1.46	8.7												
Lebo	64	-4	32.5	0.42	T.	Lake Charles	74	31	54.4	3.74		East Templeton	40	-8	23.2	1.29	9.0												
Little River	68	-12	32.2	0.28	0.8	Lake Providence	83	25	54.1	6.36		Fallriver	48	-5	27.9	2.47	4.2												
Macksville	62	-3	32.6	0.48	4.5	L'Argent	76	26	53.5	4.68		Fitchburg	45	-9	23.8	1.66	10.0												
McPherson	66	-2	32.0	0.38	3.3	Libertyville	76	21	52.0	4.68		Fitchburg	47	-11	23.6	1.70	12.8												
Madison	62	0	33.8	0.30	1.0	Mansfield	74	21	50.2	2.53		Framingham	48	-7	25.8	1.66	10.0												
Manhattan	60	0	33.8	0.30	1.0	Melville	79	30	53.0	3.40		Groton	46	-11	22.6	3.04	12.5												
Marion	69	0	35.2	0.35	0.8	Minden	74	23	50.6	0.72		Hyannis	47	-4	29.8	3.14	7.5												
Medicine Lodge	60	-7	30.0	0.33	3.3	Monroe	73	27	51.1	3.28		Jefferson	47	-10	23.4	1.91	11.8												
Minneapolis	58	7	34.8	1.07	T.	New Iberia	74	32	55.0	5.20		Lawrence	47	-10	23.4	1.60	10.6												
Moran	64	0	34.8	1.07	T.	Opelousas	74	28	53.7	3.34		Leeds	47	-13	23.1	2.15	7.5												
Mount Hope	68	-11	34.8	0.40	3.0	Oxford	72	21	50.9	2.90		Leominster	47	-9	25.5	1.72	13.0												
Ness City	68	-5	32.0	0.02	0.2	Faircourtville	77	33	54.3	4.72		Lowell	47	-11	24.8	2.30	5.8												
Newton	69	-2	35.7	0.16	0.5	Plain Dealing	72	20	49.6	3.57		Middleboro	52	-10	26.2	3.20	9.5												
Norwich	61	-8	34.6	0.23	1.5	Provost	80	28	59.9	3.24		Monson	47	-8	25.8	1.88	9.5												
Oberlin	65	-4	32.4	0.35	1.1	Rayne	75	23	48.7	3.25		New Bedford	55	-2	29.8	2.66	8.5												
Olathe	61	-4	32.4	0.35	1.1	Robeline	72	24	50.3	4.55		Pittsfield	43	-10	21.8	1.28	7.5												
Osage City	67	-6	33.6	0.50	3.0	Ruston	79	30	54.2	3.94		Plymouth	51	-5	29.2	2.91	6.0												
Osborne	67	-6	33.6	0.50	3.0	Schriever	76	31	53.4	1.48		Princeton	50	2	30.6	3.34	14.0												
Oswego	64	-12	35.4	0.30	3.0	Southern University	74	34	52.4	2.24		Provincetown	50	2	30.6	3.34	2.2												
Ottawa	71	-7	35.3	0.10	1.0	Sugar Ex. Station	74	34	52.4	1.57		Salem	49	-2	24.9	1.68	10.0												
Phillipsburg	67	-3	36.1	0.50	2.0	Supartown	73	33	54.3	1.57		Somerset	53	-8	22.4	2.03	7.0												
Pratt	61	-4	31.2	0.80	2.5	Venice	76	33	54.4	0.97		Springfield Armory	45	-5	25.0	1.74	6.8												
Rome	66	-18	28.1	0.20	2.0	Wallace	78	31	55.0	1.91		Sterling	49	-12	26.1	1.52	8.0												
Salina	64	3	36.2	0.70	2.0	White Sulphur Springs	45	-13	20.0	4.88	36.0	Taunton	48	-9	26.3	1.78	3.5												
Scott	60	-3	30.2	0.26	2.0	Maine.						Westboro	49	-6	26.0	1.49	8.4												
Sedan	66	-18	28.1	0.20	2.0	Bar Harbor	45	-13	20.0	4.88	36.0	Worcester	47	-8	25.0	1.49	11.0												
Seneca	60	-3	30.2	0.26	2.0	Belfast	46	-20	17.6	4.51	22.5	Michigan.																	
Toronto	66	-2	33.3	0.95	3.0	Bemis	44	-20	14.4	3.60	41.0	Adrian	50	-5	24.2	2.12	13.0												
Tribune	80	-5	32.6	0.03	0.3	Calais	37	-20	19.0	5.30	32.0	Agricultural College	46	-11	22.2	1.51	12.0												
Ulysses	80	-5	32.6	0.03	0.3	Carmel	42	-25	17.4	6.67	36.2	Allegan	51	-5	25.2	0.86	8.5												
Valley Falls	59	-5	32.6	0.11	1.0	Cornish	41	-14	18.6	3.03	20.2	Alma	46	-9	21.6	1.88	17.0												
Wakeeney (near)	62	-15	23.3	0.36	3.5	Fairfield	43	-25	14.9	2.74	20.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Wallace	59	-5	31.2	0.54	5.0	Farmington	40	-16	15.9	3.27	34.5	Ann Arbor	48	-7	24.0	1.45	10.1												
Wamego	60	-4	35.3	0.50	5.0	Flagstaff	39	-23	13.4	2.20	23.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Winfield	61	-1	33.8	0.84	T.	Gardiner	43	-16	18.0	3.78	26.2	Ann Arbor	48	-7	24.0	1.45	10.1												
Yates Center	61	-1	33.8	0.84	T.	Kinoe	32	-22	9.2	2.65	26.5	Ann Arbor	48	-7	24.0	1.45	10.1												
Kentucky.						Lexington	44	-14	18.1	3.19	28.6	Ann Arbor	48	-7	24.0	1.45	10.1												
Alpha	64	14	39.1	3.02	T.	Mayfield	33	-21	15.4	2.60	27.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Anchorage	67	11	36.9	1.32	0.5	Orono	42	-20	15.2	4.33	25.5	Ann Arbor	48	-7	24.0	1.45	10.1												
Bardstown	69	15	37.9	1.93	0.8	Rumford Falls	40	-17	16.4	2.77	28.5	Ann Arbor	48	-7	24.0	1.45	10.1												
Blandville	67	15	37.5	2.13		Wuslow	44	-24	18.8	2.91	15.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Bowling Green	68	11	34.6	1.52	2.0	Maryland.						Ann Arbor	48	-7	24.0	1.45	10.1												
Burnside	69	12	37.9	1.61	T.	Annapolis	61	18	35.4	3.80	6.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Catlettsburg	69	18	39.1	1.73	0.4	Bachmans Valley	55	8	29.8	8.69	11.5	Ann Arbor	48	-7	24.0	1.45	10.1												
Centertown	66	12	37.7	2.31	T.	Boetherville	62	4	33.3	1.60	2.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Earlington	66	12	37.7	2.31	T.	Boonsboro	60	9	32.6	2.01	8.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Edmonton	65	12	34.8	2.00	T.	Charlotte Hall	56	5	29.8	2.28	6.1	Ann Arbor	48	-7	24.0	1.45	10.1												
Eubank	65	12	34.8	2.00	T.	Chestertown	58	10	32.2	2.74	12.1	Ann Arbor	48	-7	24.0	1.45	10.1												
Falmouth	69	12	37.7	1.67	1.01	Chesville	59	8	32.5	2.16	11.0	Ann Arbor	48	-7	24.0	1.45	10.1												
Fords Ferry	75	20	39.8	4.06	3.8	Clearspring	60	8																					

TABLE II.—Climatological record of voluntary and other cooperating observers.—Continued.

Table with columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into three main sections: Michigan-Cont'd., Minnesota-Cont'd., and Missouri-Cont'd. Each section lists various locations and their corresponding weather data for January 1901.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with 15 columns: Stations, Temperature (Fahrenheit), Precipitation, and their sub-categories (Maximum, Minimum, Mean, Rain and melted snow, Total depth of snow). The table is organized into three main sections: Montana-Cont'd., Nebraska-Cont'd., and New Hampshire-Cont'd., with various sub-sections for each state.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Table with 15 columns: Stations, Temperature (Fahrenheit) (Maximum, Minimum, Mean), Precipitation (Rain and melted snow, Total depth of snow). The table is divided into three sections: New Mexico-Cont'd, New York, and North Dakota-Cont'd. Each section lists numerous stations with their corresponding weather data for January 1901.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>						<i>Oregon—Cont'd.</i>						<i>Pennsylvania—Cont'd.</i>					
North Lewisburg	53	0	27.2	2.32	8.2	Glenora	53	24	36.4	17.10	34.5	Lycippus	57	3	29.6	2.88	10.5
North Royalton	54	0	27.1	1.25	6.0	Government Camp	58	12	32.0	11.05	60.0	Mifflin	57	3	29.6	2.00	11.0
Norwalk	55	0	28.0	2.12	8.5	Grants Pass	58	20	37.6	7.03	4.3	Oll City	57	3	29.6	2.55	10.1
Oberlin	59	0	27.6	1.30	3.3	Hare	65	29	42.8	19.39	5.5	Ottsville	57	3	29.6	2.68	.....
Ohio State University	56	0	30.3	1.77	5.7	Harris	55	21	36.8	10.34	18.3	Parker	57	3	29.6	2.75	6.3
Orangeville	50	0	26.2	1.21	6.5	Hood River (near)	59	18	35.8	7.66	35.0	Philadelphia	59	9	33.8	2.67	7.1
Ottawa	54	0	27.9	1.64	9.5	Jacksonville	57	17	34.0	10.20	20.2	Pottstown	49	12	34.3	2.70	9.0
Pataskala	58	0	29.2	2.01	6.7	Joseph	50	4	26.0	1.95	14.5	Quakertown	53	1	30.2	2.57	7.5
Philo	55	0	28.0	0.67	4.8	Junction City *1	56	28	40.4	7.79	8.5	Reading	57	3	29.6	2.40	.....
Plattsburg	55	0	29.0	2.30	11.0	Kerby	54	18	37.5	14.92	11.5	Renovo a	57	3	29.6	1.58	7.0
Pomerooy	58	0	33.0	1.63	8.2	Klamath Falls	44	6	25.2	.....	53.0	Renovo b	54	4	29.2	1.37	10.3
Portsmouth a	58	0	29.2	1.28	2.0	Lafayette *1	58	28	40.2	8.23	10.0	Saegerstown	53	10	27.8	2.52	10.8
Portsmouth b	63	10	34.0	1.58	3.9	Lagrange	49	2	33.1	1.78	8.5	St. Marys	46	2	24.6	1.86	18.9
Pulse	55	0	27.7	1.55	3.4	Lakeview	51	5	27.0	3.01	17.8	Seisholtzville	57	3	29.6	2.51	.....
Richwood	55	0	27.7	1.71	8.3	Lone rock	67	.....	.....	2.67	17.5	Seinsgrove	47	6	30.2	2.08	11.0
Ripley	61	2	33.4	0.99	5.3	McMinnville	54	27	39.1	10.24	2.0	Shawmont	57	3	29.6	2.59	6.0
Rittman	58	0	29.3	2.28	5.0	Merlin *1	54	24	37.7	4.18	5.5	Sinnamahoning	57	3	29.6	1.49	9.5
Rockyridge	54	0	27.3	1.53	3.8	Monmouth	54	29	39.6	6.13	6.2	Smithport	50	3	25.2	2.40	9.0
Rosewood	53	0	26.1	2.44	5.0	Monroe	52	26	43.3	11.43	6.0	Smiths Corners	57	3	29.6	2.36	.....
Shenandoah	55	4	26.8	1.39	4.3	Mount Angel	57	27	39.0	7.53	6.0	Somerset	52	2	26.7	4.41	15.4
Sidney	52	5	29.0	2.02	7.8	Nehalem	.....	.....	.....	14.78	4.3	South Eaton	46	0	27.6	0.92	1.0
Sinking Spring	55	1	31.5	1.12	4.0	Newberg	56	27	39.0	9.15	.....	Springmount	57	3	29.6	2.25	.....
Somerset	56	1	32.0	1.72	5.1	Newbridge	55	1	30.7	0.58	2.5	State College	52	4	27.7	1.82	9.2
Springfield	.....	.....	.....	2.23	5.0	Newport	61	29	44.2	10.59	.....	Sunbury	57	3	29.6	1.25	8.0
Strongsville	.....	.....	.....	2.01	5.0	Pendleton	60	13	36.2	1.58	7.4	Swarthmore	56	9	29.6	2.81	8.4
Swanton	.....	.....	.....	0.70	.....	Placer	.....	.....	.....	7.06	22.0	Towanda	48	3	26.8	0.91	4.5
Thurman	60	4	34.6	0.70	.....	Princeton	76	3	32.7	0.72	3.3	Trouton	57	3	29.6	1.43	7.6
Tiffin	59	1	32.2	1.92	13.8	Riddles *1	60	26	37.4	7.16	7.0	Uniontown	55	7	33.0	3.00	9.0
Upper Sandusky	51	0	30.3	1.50	6.0	Riverside	52	5	30.6	0.40	1.0	Warren	47	3	26.0	3.06	8.3
Urbans	55	0	29.8	2.36	7.5	Salem b	.....	.....	.....	7.43	3.0	Wellboro	52	1	27.7	1.27	7.5
Vanwert	54	0	28.4	1.68	9.8	Sheridan *1	55	28	37.8	9.02	9.0	Westchester	55	7	31.2	3.02	9.2
Vermillion	57	0	29.3	1.84	4.5	Silverlake	54	7	26.6	0.08	0.8	West Newton	57	3	29.6	1.79	5.0
Vickery	55	0	27.3	1.99	7.6	Silverton *1	62	28	40.0	7.40	1.0	Westtown	48	6	29.8	3.08	11.7
Walnut	57	0	27.3	1.30	5.2	Siskiyou *1	48	18	31.8	10.20	102.0	Wilkesbarre	48	2	28.6	2.10	7.0
Warren	52	3	28.0	1.89	10.2	Sparta	47	9	26.9	2.00	19.0	Williamsport	49	8	30.3	1.40	6.5
Warsaw	54	3	29.5	1.92	6.0	Springfield *1	57	29	38.4	6.98	3.0	York	52	8	30.1	2.72	10.7
Wauseon	51	0	25.9	2.10	12.5	Stafford	53	34	37.0	11.96	19.0	<i>Rhode Island.</i>					
Wayverly	59	0	31.1	1.41	6.2	The Dalles	58	26	42.0	10.63	0.5	Bristol	47	1	29.4	1.21	4.0
Waynesville	57	0	30.3	1.93	7.0	Toledo	58	26	42.0	10.63	0.5	Kingston	50	9	26.4	2.44	6.0
Wellington	56	1	30.2	2.05	9.7	Umatilla	.....	.....	.....	0.92	2.5	Pawtucket	51	6	31.0	2.10	6.5
Westerville	54	1	30.2	1.74	7.0	Vale	54	7	32.8	0.98	3.0	Providence a	50	3	28.6	1.93	5.8
Willoughby	53	0	28.3	1.58	3.5	Westfork *1	48	26	34.0	10.57	8.2	Providence c	50	6	28.8	2.14	5.0
Woolster	53	0	28.3	1.67	4.0	Weston	61	10	32.4	2.56	15.5	<i>South Carolina.</i>					
Youngstown	.....	.....	.....	1.67	4.0	Williams	58	20	37.2	8.07	11.0	Batesburg	70	20	43.6	3.75	.....
Zanesville	.....	.....	.....	1.51	8.0	<i>Pennsylvania.</i>						Beaufort	70	30	50.8	3.28	.....
<i>Oklahoma.</i>						Aleppo	56	10	32.6	1.71	4.0	Blackville	77	24	46.3	3.90	.....
Arapaho	71	5	39.0	0.25	T.	Altoona	58	1	28.3	1.89	.....	Calhoun Falls	.....	.....	.....	5.54	.....
Beaver	68	0	34.0	0.10	T.	Athens	49	5	27.1	0.74	3.8	Camden	76	23	43.9	3.10	.....
Blackburn	67	5	37.0	0.94	.....	Beaver Dam	.....	.....	.....	2.30	T.	Cheraw a	76	23	43.9	2.95	.....
Burnett	75	10	41.9	0.36	.....	Bellefonte	53	6	30.3	2.08	11.0	Cheraw b	76	23	43.9	2.95	.....
Clifton	74	8	41.0	0.75	.....	Brookville	.....	.....	.....	1.08	9.2	Clemson College	67	19	41.4	5.32	.....
Fort Reno	69	4	36.6	0.45	.....	Browsers Lock	.....	.....	.....	3.11	.....	Conway	.....	.....	.....	3.30	.....
Fort Sill	72	6	42.0	0.50	.....	Butler	52	1	28.4	2.33	9.6	Darlington	.....	.....	.....	3.63	.....
Hennessey	70	9	38.9	0.95	.....	Carlisle	48	10	29.3	1.99	10.0	Edisto	.....	.....	.....	3.18	.....
Jefferson	68	0	35.8	0.40	0.8	Cassandra	50	1	27.1	3.54	17.2	Edingham	.....	.....	.....	4.31	.....
Jenkins	69	2	37.0	0.25	1.0	Chambersburg	54	8	29.6	1.54	4.1	Florence	76	26	44.3	3.41	T.
Kenton	68	11	36.0	0.40	4.0	Coatesville	58	6	31.6	3.13	11.5	Gaffney	76	26	44.3	2.91	.....
Kingfisher	70	6	39.8	0.90	T.	Confuence	55	3	28.4	2.91	6.6	Georgetown	67	26	45.7	5.15	.....
Mangum	69	13	43.4	0.20	.....	Davis Island Dam	.....	.....	.....	1.90	4.7	Gillisonville	79	21	48.1	2.61	.....
Newkirk	60	7	37.0	0.55	.....	Derry Station	56	3	30.4	3.55	6.0	Greenville	65	21	40.8	4.95	.....
Norman	71	12	40.6	0.55	T.	Doylestown	.....	.....	.....	2.35	.....	Greenwood	69	24	43.5	3.95	.....
Pawhuska	64	9	36.8	0.70	.....	Drifton	46	4	26.8	1.90	9.5	Kingstree a	74	26	45.8	3.32	.....
Perry	66	6	39.0	0.98	.....	Driftwood	.....	.....	.....	1.97	.....	Kingstree b	.....	.....	.....	4.23	.....
Prudence	72	3	36.8	0.28	.....	Duncannon	.....	.....	.....	1.90	8.5	Liberty	65	18	42.3	5.60	.....
Sac and Fox Agency	71	8	40.0	0.55	.....	Dushore	45	7	24.4	1.10	6.7	Little Mountain	71	25	45.2	3.27	T.
Stillwater	67	9	40.3	0.62	T.	Dyberry	43	8	23.4	1.98	9.0	Longshore	71	21	44.2	4.39	.....
Taloga	70	4	37.4	0.50	T.	East Bloomsburg	.....	.....	.....	1.32	9.3	McCall	77	24	44.1	3.97	T.
Texmo	75	4	41.5	T.	.....	East Mauch Chunk	47	6	26.3	2.06	8.8	Pinopolis *1	73	23	45.9	1.20	.....
Vittum	65	9	39.2	0.27	T.	Easton	48	2	29.8	2.14	4.7	St. Matthews	75	26	46.8	4.42	.....
Waukomis	68	3	38.5	0.45	.....	Ellwood Junction	.....	.....	.....	2.67	5.0	St. Stephens	.....	.....	.....	3.64	.....
Woodward	72	1	38.9	0.50	.....	Emporium	50	1	26.8	2.55	13.5	Santuck	72	21	43.4	3.06	T.
<i>Oregon.</i>						Ephrata	52	5	30.7	2.40	7.8	Shaws Fork	75	21	45.6	4.39	.....
Albany *1	55	28	40.6	6.44	1.0	Franklin	58	2	28.4	2.31	3.0	Smiths Mills	73	25	43.2	2.76	.....
Albany b	.....	.....	.....	7.13	1.8	Freeport	.....	.....	.....	2.99	7.3	Spartanburg	66	21	40.4	3.06	.....
Alpha	59	23	40.2	17.96	7.0	Girardville	.....	.....	.....	2.48	14.5	Statesburg	75	25	47.0	3.76	.....
Ashland	57	12	36.5	2.74	16.7	Gramplan	50	2	25.0	2.03	7.0	Temperance	73	23	44.2	5.50	T.
Aurora *1	56	28	40.4	6.17	1.0	Greensboro	55	4	31.9	1.88	5.2	Summerville	75	26	47.8	2.98	.....
Aurora (near)	56	25	38.6	7.83	4.3	Hamburg	.....	.....	.....	3.11	13.0	Trenton	71	26	48.1	3.86	.....
Bandon	70	27	45.6	13.63	.....	Hawthorn	55	0	29.0	2.68	9.2	Trial	61	21	47.0	2.94	.....
Bay City	60	24	43.0	14.59	2.5	Herr Island Dam	.....	.....	.....	1.87	.....	Walhalla	89	19	41.6	5.12	T.
Beulah	57	8	30.0	2.15	17.0	Huntingdon a	55	4	30.4	1.97	10.1	Winnabow	66	22	44.6	2.26	.....
Blalock	.....	.....	.....	.....	6.5	Huntingdon b	.....	.....	.....					

TABLE II.—Olimatological record of voluntary and other cooperating observers—Continued.

Table with columns for Stations, Temperature (Fahrenheit), and Precipitation. It is divided into three main sections: South Dakota—Cont'd., Tennessee—Cont'd., and Utah—Cont'd. Each section lists various weather stations and their corresponding monthly data for January 1901.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.													
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.												
<i>Virginia—Cont'd.</i>						<i>West Virginia—Cont'd.</i>						<i>Wyoming—Cont'd.</i>																	
Woodstock	53	10	31.8	2.45	2.0	Princeton	59	9	34.6	5.95	14.5	South Pass City	44	32	17.5	0.88	3.8	Spring Hill	46			1.00	10.0	Wheatland				0.06	0.5
Wytheville	66	13	35.1	2.45	5.0	Rowley	60	7	33.2	1.81	1.5	<i>Cuba.</i>																	
<i>Washington.</i>						<i>Wisconsin.</i>						<i>Porto Rico.</i>																	
Aberdeen	57	20	37.6	9.74	11.2	Amherst	44	-11	15.5	0.95	8.5	Adjuntas				6.19													
Anacortes				3.23	5.0	Ashland	46	-26	10.6	0.37	T.	Aguadilla	88	59	73.7	2.51													
Ashford				8.34	15.5	Barron	40	-12	17.1	0.10	1.0	Arecibo	88	59	73.0	3.04													
Bremerton	53	24	39.5	8.38	15.0	Bayfield	49	-11	22.8	1.44	10.2	Bayamon	92	55	74.6	3.50													
Bridgeport	57	0	28.5	1.55	14.5	Beloit	49	-11	22.8	1.44	10.2	Canovanas	85	61	74.8	2.98													
Brinnon	49	25	37.1	10.84	23.0	Brodhead	50	-18	21.2	1.47	11.0	Cayey	96	52	73.1	4.99													
Cedonia	39	-4	23.8	2.54	23.8	Butternut	41	-24	11.4	0.72	5.0	Cidra	86	55	70.9	7.47													
Centerville	48	4	28.5	5.10	10.0	Citypoint	46	-12	16.1	0.65	10.5	Coamo	91	58	73.4	14.20													
Chehalis	50	24	39.6	3.61		Delavan	44	-11	19.9	0.75	8.7	Comerio	89	50	73.0	5.19													
Cheney				2.50	14.4	Dodgeville	46	-21	19.7	0.74	10.0	Corozal	89	51	71.8	6.11													
Clearwater	50	30	38.0	13.52	14.6	Easton	47	-23	16.4	0.52	10.0	Fajardo	89	59	76.5	6.07													
Cle Elum	50	8	28.4	4.78	19.5	Eau Claire	45	-16	16.0	0.56	6.0	Hacienda Coloso	89	55	73.7	2.45													
Colfax	52	8	33.0	2.76	7.5	Florence	45	-15	14.6	0.55	6.0	Hacienda Perla	87	61	74.8	5.87													
Colville	46	-14	25.6	1.83	14.7	Fond du Lac	44	-15	19.3	0.40	7.3	Humacao	92	54	74.4	5.67													
Conconully	43	-10	21.7	2.37	27.2	Grand River Locks				0.36	8.0	Isabela	87	61	73.3	3.52													
Connell				0.63	5.0	Grantsburg	40	-31	11.5	0.50	5.0	Juana Diaz	95	55	76.0	3.85													
Coupeville	52	24	37.8	2.56	7.0	Hartford	47	-19	20.5	1.31	9.5	La Isolina	86	58	72.0	7.08													
Crescent	42	-3	27.0	1.65	9.5	Hartland	47	-12	20.2	0.72	9.5	Lajas	89	53	72.6	2.60													
Dayton	58	8	31.2	2.79	9.1	Harvey	45	-12	20.5	1.09	8.7	Manati	91	57	74.6	5.64													
Ellensburg	48	2	28.6	1.97	7.2	Hayward	46	-31	12.0	0.94	9.5	Maunabo	86	70	73.3	6.57													
Ellensburg (near)	44	2	28.0	1.85	8.5	Heafford	43	-23	12.2	0.60	6.0	Mayaguez	91	61	73.6	2.19													
Grandmound	52	23	38.5	6.62	9.8	Hillsboro	46	-17	17.2	0.80	8.0	Mcrovis	87	56	72.0	6.25													
Granite Falls				4.86	5.4	Koepenick				1.00	10.0	Ponce				2.28													
Hooper	54	-5	31.8	1.96	5.0	Lancaster	48	-17	19.4	0.66	8.5	Salinas				0.96													
Issaquah				6.14	4.5	Madison	44	-9	20.2	0.62	8.3	San Lorenzo	90	54	73.4	6.36													
Lacenter	55	26	37.9	6.96	17.5	Manitowoc	47	-7	20.6	1.37	9.5	Utuaedo	86	56	73.4	4.09													
Lakeside	46	2	27.3	2.13	12.5	Meadow Valley	46	-15	16.2			Vieques	90	63	77.6	5.74													
Lind	45	-6	28.0	1.86	8.3	Medford	44	-22	12.0	0.35	2.5	Yaucó	90	59	74.0	3.04													
Mayfield	50	24	35.3	6.37	8.0	Menasha				0.32	4.2	<i>Mexico.</i>																	
Monte Cristo	46	13	31.2			Nellsville	44	-19	15.2	0.50	5.0	Ciudad P. Diaz	80	30	55.1	0.29													
Mottimer Ranch	56	15	35.2	0.90	2.2	New Holstein	41	-7	20.2	0.51	5.1	Coatzacoalcos	88	56	70.4	9.19													
Mount Pleasant	57	24	37.6	9.21	21.2	New London	44	-12	17.6	0.58	4.5	Leon de Aldamas	78	37	56.4	0.03													
Moxee Valley	52	5	30.7	1.67	8.5	Oconto	46	-11	18.9	1.45	14.5	Puebla	75	38	56.3														
New Whatcom	55	9	37.8	3.97	11.8	Oseola	42	-29	10.8	0.88	4.0	Tampico	78	46	64.6	0.28													
Northport				1.99	19.0	Oshkosh	45	-6	21.6	1.80		Topolobampo*1	86	29	63.3	0.20													
Olga	50	22	38.0	2.84	7.0	Peppin	44	-17	14.4	0.49	6.0	Vera Cruz	83	60	70.4	0.45													
Olympia	53	26	39.7	8.57		Pine River	47	-15	16.6	0.50	9.0	<i>Nicaragua.</i>																	
Pasco	55	10	32.6	0.84	0.3	Portage	47	-10	20.7	0.55	6.0	Rivas	87	74	80.2	T.													
Plnehill	58	16	35.0	6.72	25.2	Port Washington	59	-9	22.0	1.70	12.0	<i>Late reports for December, 1900.</i>																	
Port Townsend	53	26	39.5	2.33	6.0	Prairie du Chien	49	-11	23.2	0.77	8.2	<i>Alaska.</i>																	
Pullman	47	12	31.1	0.81	8.1	Prairie du Chien	49	-11	23.2	0.77	8.2	Fort Liscomb	39	-8	21.6	4.82	32.5												
Republic	48	-17	22.8	2.40	24.0	Racine	50	-10	24.6	0.82	11.0	<i>California.</i>																	
Ritzville				1.13	5.0	Shawano	42	-10	17.0	1.05	11.0	Brancomb				13.90	0.00												
Rosalia	48	5	30.4	2.55	9.4	Sheboygan	46	-8	22.1	1.00	10.0	Glenora				0.00													
Sedro	55	15	36.0	1.81	7.7	Spooner	41	-30	11.5	0.21	1.6	<i>Illinois.</i>																	
Silvana	54	17	37.4	5.49	10.7	Stevens Point	45	-15	17.0	0.73	7.3	Glenwood				0.17													
Snohomish	52	21	37.4	4.50	7.5	Viroqua	43	-10	18.9	0.99	10.2	Round Grove	47	1	24.1	0.23	1.1												
Southbend	58	27	40.3	10.82	4.8	Watertown	45	-16	19.6	1.02	9.2	<i>Iowa.</i>																	
Sprague				3.15	11.0	Waukesha	45	-15	20.6	1.02	7.3	Bussey				1.10	2.0												
Sunnyside	55	6	30.7	0.86	3.8	Waupaca	48	-13	17.2	0.61	18.8	Knoxville	55	-6	27.2	0.50	2.0												
Twin	55	24	38.0	7.87	4.5	Wausaukee				1.05	8.5	<i>Kansas.</i>																	
Union	52	24	38.2	11.87	21.8	Westbend	40	-10	18.0	1.00	10.0	Hays	65	-8	34.0	0.22													
Usk	44	0	24.5			Westfield	46	-13	18.2	0.95	8.5	<i>Maine.</i>																	
Vancouver	56	25	38.8	6.66	15.2	Whitehall	44	-12	17.4	0.42	6.6	Calais	40	-10	19.0	2.05	19.0												
Waterbury	45	-13	22.7	2.64	16.0	<i>Michigan.</i>																							
Wenatchee (near)	46	-6	24.8	3.47	20.2	Alcova	52	-18	22.4	0.10	1.0	West Branch	50	1	25.6	0.46	4.0												
Wilbur	42	-12	24.1	1.57	15.2	Bedford	45	-21	19.6	1.24	12.4	<i>Other States.</i>																	
<i>West Virginia.</i>						Bitter Creek	60	-32	22.2	0.05	0.5																		
Beckley	62	12	33.4	2.51	11.0	Buffalo	60	-8	36.8	0.03	0.3																		
Beverly	57	0	32.2	3.87	21.0	Burlington	47	-17	23.4	T.	T.																		
Bluefield	62	9	34.3	3.35	16.0	Casper	56	-20	31.6	0.10	1.5																		
Buckhannon	67	0	32.1	2.71	12.0	Centennial	44	-7	23.0	0.25	2.2																		
Burlington	60	5	32.2	1.95	2.0	Chugwater	50	-22	28.0	0.10	1.0																		
Byrne	63	10	36.5			Cody	65	1	30.6	0.10	1.0																		
Cairo	60	3	35.6	3.10	9.0	Evanston	45	-14	17.6	0.58	5.2																		
Camden	60	10	37.2	2.45	10.6	Fort Laramie	61	-22	28.0	T.	T.																		
Central	57	1	32.8	2.00	9.0	Fort Washakie	52	-28	23.2	0.20	2.0																		
Chapel	50	13	30.4	4.79	13.2	Fort Yellowstone	41	-15	21.4	2.23	22.8																		
Charleston				2.10	5.5	Fourbear	59	-22	24.6	0.13	6.0																		
Clay	65	12	35.5			Griggs	60	-18	25.5	0.16	2.0																		
Creston	61	6	33.8	2.15	10.0	Hyatville	52	-18	26.3	0.00	0.0																		
Dayton	58	-4	34.0	2.13	10.0	Iron Mountain	56	-11	29.2	0.03	0.3																		
Eastbank						Laramie	48	-19	19.2	0.04	0.4																		
Elkhorn	62	14	37.4	3.77	14.0	Lovell	59	0	24.3	T.	T.																		
Fairmont				2.53	7.4	Lusk	54	-18	25.4	0.00	0.0																		
Glenville	62	2	33.4	3.11	15.9	Myersville	49			T.	T.																		
Grafton	57	2	31.9	2.53	9.0	Pinebluff	63	-19	28.6	T.	T.																		
Green Sulphur	69	8	32.4	3.20	11.0	Rawlins	46	-8	25.0	0.25	2.5																		
Harpers Ferry				2.25		Saratoga	49	-10	24.8	0.50	5.0																		
Hinton				3.56	12.0	Sheridan	60	-12	23.3	0.15	1.5																		
Huntington	65	14	31.4	1.56	6.5																								
Josiah	59	6	33.1	1.48	7.0																								
Lewisburg	63	7	32.4	3.29	9.9																								
Magnolia	61	6	33.1	1.60	2.0																								
Marlinton	57	2	30.0	3.58	9.2																								
Martinsburg	60	8	31.4	1.65	2.5																								
Morgantown	58	4	33.2	1.96	6.5																								
New Martinsville	54	7	34.6	2.07	10.3																								
Oceana	61	10	34.0																										
Parsons	56	0	30																										

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipitation.		Stations.	Temperature. (Fahrenheit.)			Precipitation.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Montana.</i>	°	°	°	<i>Ins.</i>	<i>Ins.</i>	<i>Texas.</i>	°	°	°	<i>Ins.</i>	<i>Ins.</i>
Lewistown.....	61	-10	30.8	0.90	9.0	Rhineland.....	74	14	46.0	0.32	
<i>Nebraska.</i>						<i>Utah.</i>					
Franklin.....	71	-8	34.5	0.10	1.0	Meadowville.....	55	-11	28.4	0.41	1.1
Merriam.....				0.00		<i>Washington.</i>					
<i>Nevada.</i>						Wilbur.....	52	9	35.2	3.51	.....
Verdi* ¹	63	0	34.6	1.15	7.0	<i>Porto Rico.</i>				0.57	
<i>New Mexico.</i>						Sallinas.....					
Hillsboro.....	60	20	40.2	0.30	3.0	<i>Nicaragua.</i>					
<i>New York.</i>						Rivas.....	89	75	82.5	1.31	
Hemlock Lake.....	50	2	30.2	1.73	8.5	<i>Isthmus of Panama.</i>					
<i>North Carolina.</i>						Alhajueta.....	90	68	78.1	1.14	
Washington.....	68	20	46.6	5.63		La Boca.....	89	73	80.2	.....
<i>Ohio.</i>											
Bellefontaine.....	51	9	28.5	.....						
<i>Pennsylvania.</i>											
Confluence.....	55	5	29.6	2.15	3.3						
Warren.....	49	-1	27.8	2.17	13.8						
Williamsport.....	49	9	31.6	2.15	T.						
<i>South Dakota.</i>											
Sioux Falls.....	50	-16	17.4	0.55	5.5						
<i>Tennessee.</i>											
Peryear.....				2.66							
Waynesboro.....	64	21	40.8	2.21							

² Mean of 7 a. m. + 7 p. m. + 2.
³ Mean of 6 a. m. + 6 p. m. + 2.
⁴ Mean of 7 a. m. + 2 p. m. + 2.
⁵ Mean of readings at various hours reduced to true daily mean by special tables.
⁶ Mean from hourly readings of thermograph.
⁷ Mean of sunrise and noon.
⁸ Mean of sunrise, noon, sunset, and midnight.
 The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.
 An italic letter following the name of a station, as "Livingston *a.*" "Livingston *b.*" indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "a" denotes 14 days missing.
 No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

CORRECTIONS.

October, 1900, Alaska, Coal Harbor, page 456, strike out all data and enter 60, 25, 43.4, 5.35.
 December, 1900, Tucson, Ariz., make minimum temperature 25 instead of 28, and mean temperature 51.6 instead of 52.4.

NOTE.—The following changes have been made in the names of stations: California, Deweyville changed to Wa-co; Lankershim changed to Storey, Mississippi, Logtown changed to Pearlington, Nevada, Duck Valley changed to Owyhee; Empire Ranch changed to Potts.

January, 1901, on page 7, in last line of 5th column of table, make 467.77 read 465.77.

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.
 A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:
¹ Mean of 7 a. m. + 3 p. m. + 9 p. m. + 9 p. m. + 4.
² Mean of 8 a. m. + 6 p. m. + 2.

TABLE III.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of January, 1901.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.
<i>New England.</i>							<i>Upper Mississippi Valley.—Cont'd.</i>						
Eastport, Me.	31	7	11	26	n. 32 w.	28	La Crosse, Wis.†	13	13	2	11	s. 84 w.	9
Portland, Me.	29	12	2	31	n. 60 w.	34	Davenport, Iowa	16	16	12	3†	w.	21
Northfield, Vt.	27	29	3	6	s. 63 w.	4	Des Moines, Iowa	25	17	16	23	n. 41 w.	11
Boston, Mass.	25	13	5	31	n. 65 w.	29	Dubuque, Iowa	19	18	15	28	n. 86 w.	13
Nantucket, Mass.	25	10	10	22	n. 34 w.	18	Keokuk, Iowa	15	22	13	30	s. 63 w.	18
Block Island, R. I.	30	7	11	30	n. 40 w.	30	Calro, Ill.	21	23	12	20	s. 76 w.	8
New Haven, Conn.	32	8	5	27	n. 37 w.	36	Springfield, Ill.	8	21	8	31	s. 61 w.	26
<i>Middle Atlantic States.</i>							<i>St. Louis, Mo.</i>						
Albany, N. Y.	31	14	3	22	n. 48 w.	26	St. Louis, Mo.	17	20	11	25	s. 78 w.	14
Binghamton, N. Y.†	16	4	5	18	n. 34 w.	14	<i>Missouri Valley.</i>						
New York, N. Y.	29	10	9	32	n. 50 w.	30	Columbia, Mo.	11	10	5	14	n. 84 w.	9
Harrisburg, Pa.	12	4	9	12	n. 21 w.	8	Kansas City, Mo.	20	24	8	24	s. 76 w.	16
Philadelphia, Pa.	30	14	11	26	n. 43 w.	22	Springfield, Mo.	19	23	12	23	s. 75 w.	11
Scranton, Pa.	31	13	17	19	n. 6 w.	18	Lincoln, Nebr.	25	34	8	16	n. 83 w.	8
Atlantic City, N. J.	32	11	8	26	n. 41 w.	25	Omaha, Nebr.	24	21	10	19	n. 72 w.	10
Cape May, N. J.	29	12	9	26	n. 45 w.	24	Valentine, Nebr.	25	14	4	35	n. 70 w.	33
Baltimore, Md.	19	10	13	30	n. 63 w.	19	Stoux City, Iowa†	11	9	7	12	n. 68 w.	5
Washington, D. C.	29	15	14	23	n. 33 w.	16	Pierre, S. Dak.	22	11	22	21	n. 5 e.	11
Lynchburg, Va.	19	19	8	35	w.	27	Huron, S. Dak.	22	17	16	26	n. 63 w.	11
Norfolk, Va.	24	20	10	18	n. 63 w.	9	Yankton, S. Dak.†	11	8	7	14	n. 41 w.	11
Richmond, Va.	25	21	7	21	n. 74 w.	15	<i>Northern Slope.</i>						
<i>South Atlantic States.</i>							<i>Havre, Mont.</i>						
Charlotte, N. C.	10	23	13	20	s. 60 w.	8	Havre, Mont.	14	18	12	34	s. 80 w.	22
Hatteras, N. C.	23	11	6	26	n. 42 w.	30	Miles City, Mont.	21	25	6	23	s. 77 w.	18
Raleigh, N. C.	24	15	7	29	n. 68 w.	24	Helena, Mont.	10	24	1	46	s. 73 w.	47
Wilmington, N. C.	26	12	12	20	n. 45 w.	20	Kallispell, Mont.	14	14	4	43	w.	39
Charleston, S. C.	28	10	10	25	n. 40 w.	23	Rapid City, S. Dak.	20	8	11	56	n. 64 w.	28
Augusta, Ga.	28	12	11	32	n. 62 w.	24	Cheyenne, Wyo.	22	11	3	40	n. 74 w.	39
Savannah, Ga.	25	13	9	28	n. 53 w.	23	Lander, Wyo.	14	27	16	25	s. 35 w.	16
Jacksonville, Fla.	29	11	10	23	n. 86 w.	22	North Platte, Nebr.	13	19	8	35	s. 78 w.	28
<i>Florida Peninsula.</i>							<i>Middle Slope.</i>						
Jupiter, Fla.	21	11	14	30	n. 56 w.	19	Denver, Colo.	17	30	8	29	s. 49 w.	20
Key West, Fla.	33	9	31	5	n. 47 e.	35	Pueblo, Colo.	23	7	18	23	n. 37 w.	20
Tampa, Fla.	33	11	13	24	n. 26 w.	25	Concordia, Kans.	20	23	8	22	s. 73 w.	18
<i>Eastern Gulf States.</i>							<i>Dodge, Kans.</i>						
Atlanta, Ga.	27	9	14	30	n. 42 w.	24	Dodge, Kans.	31	15	10	19	n. 39 w.	18
Macon, Ga.	14	7	6	13	n. 45 w.	10	Wichita, Kans.	32	21	7	12	n. 24 w.	12
Pensacola, Fla.	18	8	7	8	n. 4 w.	15	Oklahoma, Okla.	30	22	5	13	n. 45 w.	11
Mobile, Ala.	20	22	8	11	n. 49 w.	11	<i>Southern Slope.</i>						
Montgomery, Ala.	26	14	14	18	n. 18 w.	13	Abilene, Tex.	16	23	13	15	s. 7 w.	17
Meridian, Miss.	13	7	6	11	n. 40 w.	8	Amarillo, Tex.	18	23	15	23	s. 58 w.	9
Vicksburg, Miss.	23	21	20	16	n. 73 e.	4	<i>Southern Plateau.</i>						
New Orleans, La.	23	16	17	17	n.	7	El Paso, Tex.	22	9	14	33	n. 54 w.	22
<i>Western Gulf States.</i>							<i>Santa Fe, N. Mex.</i>						
Shreveport, La.	16	31	9	15	n. 22 w.	16	Santa Fe, N. Mex.	31	13	23	10	n. 36 e.	23
Fort Smith, Ark.	10	13	24	19	n. 40 e.	8	Flagstaff, Ariz.	15	16	19	27	s. 89 w.	8
Little Rock, Ark.	16	22	13	26	n. 65 w.	14	Phoenix, Ariz.	14	15	27	17	s. 84 e.	21
Corpus Christi, Tex.	24	25	21	7	s. 86 e.	14	Yuma, Ariz.	33	12	16	13	n. 11 e.	21
Fort Worth, Tex.†	23	27	7	15	s. 63 w.	9	Independence, Cal.	32	13	7	27	n. 46 w.	28
Galveston, Tex.	20	24	25	9	s. 76 e.	16	<i>Middle Plateau.</i>						
Palestine, Tex.	18	30	7	19	s. 45 w.	17	Carson City, Nev.	13	28	12	19	s. 25 w.	17
San Antonio, Tex.	23	28	16	8	s. 69 e.	14	Winnemucca, Nev.	19	17	17	21	n. 63 w.	4
<i>Ohio Valley and Tennessee.</i>							<i>Modena, Utah.</i>						
Chattanooga, Tenn.	26	19	11	24	n. 62 w.	15	Modena, Utah.	8	19	18	32	s. 53 w.	18
Knoxville, Tenn.	23	20	13	27	n. 32 w.	14	Salt Lake City, Utah.	11	28	12	20	s. 25 w.	9
Memphis, Tenn.	22	26	11	17	s. 56 w.	7	Grand Junction, Colo.	18	14	17	28	n. 70 w.	12
Nashville, Tenn.	23	21	10	24	n. 32 w.	14	<i>Northern Plateau.</i>						
Lexington, Ky.	7	13	5	13	s. 53 w.	9	Baker City, Oreg.	10	38	10	17	s. 14 w.	29
Louisville, Ky.	19	10	10	23	s. 73 w.	14	Boise, Idaho	13	22	22	21	s. 6 e.	10
Evansville, Ind.†	12	10	7	9	n. 45 w.	3	Lewiston, Idaho†	2	12	16	6	s. 45 e.	14
Indianapolis, Ind.	15	22	10	29	s. 70 w.	20	Pocatello, Idaho	10	35	18	14	s. 2 w.	25
Cincinnati, Ohio	16	19	16	25	s. 72 w.	10	Spokane, Wash.	15	29	18	14	s. 16 e.	15
Columbus, Ohio	10	21	15	27	s. 47 w.	16	Walla Walla, Wash.	4	44	7	12	s. 7 w.	40
Pittsburg, Pa.	23	17	5	33	n. 78 w.	29	<i>North Pacific Coast Region.</i>						
Parkersburg, W. Va.	18	23	5	27	s. 77 w.	23	Neah Bay, Wash.	2	22	29	22	s. 19 e.	21
Elkins, W. Va.	18	15	4	34	n. 54 w.	30	Port Crescent, Wash.†	0	13	15	11	s. 17 e.	14
<i>Lower Lake Region.</i>							<i>Seattle, Wash.</i>						
Buffalo, N. Y.	14	17	8	25	s. 84 w.	27	Seattle, Wash.	12	30	10	4	s. 64 e.	26
Oswego, N. Y.	19	27	17	19	s. 14 w.	8	Tacoma, Wash.	13	36	14	4	s. 5 e.	21
Rochester, N. Y.	13	27	8	33	s. 59 w.	29	Astoria, Oreg.	16	16	31	17	s. 78 e.	14
Erie, Pa.	19	22	4	33	s. 34 w.	29	Portland, Oreg.	19	30	14	19	s. 30 w.	15
Cleveland, Ohio.	13	28	11	24	s. 41 w.	20	Roseburg, Oreg.	19	22	15	23	s. 69 w.	8
Sandusky, Ohio.	15	23	6	34	s. 75 w.	30	<i>Middle Pacific Coast Region.</i>						
Toledo, Ohio.	15	24	8	27	s. 65 w.	21	Eureka, Cal.	18	27	19	18	s. 34 e.	11
Detroit, Mich.	17	23	6	30	s. 78 w.	24	Mount Tamalpais, Cal.	20	19	18	13	n. 27 e.	11
<i>Upper Lake Region.</i>							<i>Red Bluff, Cal.</i>						
Alpena, Mich.	14	17	5	38	s. 85 w.	33	Red Bluff, Cal.	39	12	11	8	n. 6 e.	27
Escanaba, Mich.	18	17	2	37	n. 88 w.	35	Sacramento, Cal.	25	25	17	8	e.	9
Grand Haven, Mich.	26	15	12	30	n. 32 w.	19	San Francisco, Cal.	26	13	18	24	n. 40 w.	17
Houghton, Mich.†	9	6	7	13	n. 65 w.	7	<i>South Pacific Coast Region.</i>						
Marquette, Mich.	16	21	3	36	s. 81 w.	33	Fresno, Cal.	21	11	23	21	n. 11 e.	10
Port Huron, Mich.	18	25	3	32	s. 73 w.	30	Los Angeles, Cal.	26	7	23	18	n. 15 e.	20
Sault Ste. Marie, Mich.	16	15	23	23	n.	1	San Diego, Cal.	29	11	16	22	n. 37 w.	10
Chicago, Ill.	18	21	5	33	s. 65 w.	31	San Luis Obispo, Cal.	32	19	3	13	n. 35 w.	16
Milwaukee, Wis.	21	16	3	33	n. 81 w.	30	<i>West Indies.</i>						
Green Bay, Wis.	9	24	5	28	s. 50 w.	30	Basseterre, St. Kitts Island	28	7	36	1	n. 59 e.	41
Duluth, Minn.	21	16	6	34	n. 80 w.	28	Bridgetown, Barbados	14	12	51	0	n. 51 e.	88
<i>North Dakota.</i>							<i>Cienfuegos, Cuba.</i>						
Moorhead, Minn.	23	17	15	27	n. 67 w.	13	Cienfuegos, Cuba	41	4	33	4	n. 38 e.	47
Bismarck, N. Dak.	23	8	17	29	n. 39 w.	17	Grand Turk, Turks Island, W. I.†	13	6	7	7	n. 49 e.	11
Williston, N. Dak.	16	16	9	25	w.	16	Havana, Cuba	24	5	34	9	n. 53 e.	31
<i>Upper Mississippi Valley.</i>							<i>Kingston, Jamaica.</i>						
St. Paul, Minn.	24	18	12	26	n. 67 w.	15	Kingston, Jamaica	48	0	30	0	n. 32 e.	56

* From observations at 8 p. m. only.

† From observations at 8 a. m. only.

TABLE VII.—Heights of rivers referred to zeros of gages, January, 1901.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage.	Monthly range.
			Height.	Date.	Height.	Date.						Height.	Date.	Height.	Date.		
Mississippi River.									Cumberland River.								
St. Paul, Minn. *	1,854	14							Burnside, Ky.	434	50	28.3	13	2.2	30	6.7	26.1
Reeds Landing, Minn. ¹	1,884	12	1.3	3	0.2	28,30,31	0.8	1.1	Carthage, Tenn.	257	40	24.8	15	4.0	10	8.6	20.8
La Crosse, Wis. ²	1,819	12	4.4	6,7	2.9	19	3.7	1.5	Nashville, Tenn.	175	40	27.4	16	6.7	10	12.6	20.7
Prairie du Chien, Wis. *	1,759	18							Clarksville, Tenn.	188	42	30.4	17	9.6	10	16.0	20.8
Dubuque, Iowa. *	1,699	15							Arkansas River.								
Leclaire, Iowa. *	1,609	10							Wichita, Kans.	736	10	1.9	16-25	1.5	1	0.4	0.4
Davenport, Iowa ¹	1,593	15	7.1	20	2.0	1	4.0	5.1	Webbers Falls, Ind. T.	413	23	4.0	14	1.9	9-11	2.4	2.1
Muscatine, Iowa.	1,562	16	6.0	7	3.1	1	4.3	2.9	Fort Smith, Ark.	351	23	5.1	15	2.5	31	3.1	2.6
Galland, Iowa.	1,472	8	1.8	11,12	1.0	1-5,7-9	1.8	0.8	Dardanelle, Ark.	256	21	4.8	17	2.4	8,9	3.2	2.4
Keokuk, Iowa.	1,463	15	3.5	5	— 0.1	1,2	1.8	3.6	Little Rock, Ark.	176	23	7.0	14	8.6	31	5.1	3.4
Hannibal, Mo.	1,402	13	3.4	16	— 0.4	3,4	2.0	3.8	White River.								
Grafton, Ill.	1,306	23	5.3	21-23	2.2	6	4.3	3.1	Newport, Ark.	150	26	6.7	16	8.3	10,30,31	4.4	3.4
St. Louis, Mo.	1,264	30	5.7	15,18	0.6	7	4.0	5.1	Yazoo River.								
Chester, Ill.	1,189	30	3.8	16	0.0	9	2.4	3.8	Yazoo City, Miss.	80	25	18.3	11	11.8	1	14.3	6.5
Memphis, Tenn.	843	33	18.8	24	6.3	1,14	10.6	12.5	Red River.								
Helena, Ark.	767	42	24.7	25	10.2	1	15.7	14.5	Arthur City, Tex. ⁶	688	37	4.7	15,16	4.6	17-31	4.6	0.1
Arkansas City, Ark.	635	42	25.7	26	12.9	2,8,9	17.3	12.8	Fulton, Ark.	565	28	7.6	14	4.3	31	5.9	3.3
Greenville, Miss.	505	42	21.5	27	10.3	2,3,8,10	14.0	11.2	Shreveport, La.	449	29	6.8	18	2.0	11	4.3	4.8
Vicksburg, Miss.	474	45	23.9	28	10.9	9,10	15.2	13.0	Alexandria, La.	139	33	7.8	14	0.9	10	4.7	6.9
New Orleans, La.	108	16	8.0	30	4.2	7,8	5.6	3.8	Ouachita River.								
Missouri River.									Camden, Ark.	340	39	28.2	14	7.1	30	11.9	16.1
Bismarck, N. Dak.	1,309	14	3.3	1,2	0.8	21	1.9	2.5	Monroe, La.	100	40	13.1	24,25	12.5	10	15.7	5.6
Pierre, S. Dak. *	1,114	14							Atchafalaya River.								
St. Joseph, Mo.	784	19							Melville, La.	100	31	23.9	30,31	15.0	7-11	18.9	8.9
Omaha, Nebr.	669	18	6.7	21,22,24,25	3.0	1	5.8	3.7	Susquehanna River.								
St. Joseph, Mo.	491	10	0.7	25,29-31	— 3.1	2	— 0.4	3.8	Wilkesbarre, Pa.	178	14	11.5	16	7.5	29-31	8.4	4.0
Kansas City, Mo.	388	21	6.8	23	3.7	11	5.3	3.1	Harrisburg, Pa.	70	17	3.5	15	1.2	8	2.0	2.3
Boonville, Mo.	199	20	6.5	3	3.6	15	4.7	2.9	W. Br. of Susquehanna.								
Hermann, Mo.	103	24	5.8	13	2.1	7	4.1	3.7	Williamsport, Pa.	35	20	4.5	14	1.0	5,6	2.4	3.5
Illinois River.									Juniata River.								
Peoria, Ill.	135	14	9.2	17,24,25	7.7	5-9	8.5	1.5	Huntingdon, Pa. ⁷	80	24	4.3	12	3.0	1-3,9-11	3.5	1.3
Youghiogheny River.									Potomac River.								
Confluence, Pa.	59	10	4.2	12	0.7	5-9	1.8	3.5	Harpers Ferry, W. Va.	170	16	4.4	14	1.9	4-10	2.7	2.5
West Newton, Pa.	15	23	5.8	13	0.7	6	2.2	5.1	James River.								
Allegheny River.									Lynchburg, Va.	237	18	7.2	13	0.5	5-10	1.6	6.7
Warren, Pa.	177	14	5.1	13	1.3	9	2.6	3.8	Richmond, Va.	110	12	6.5	13	— 1.2	21-24	— 0.1	7.7
Oil City, Pa.	123	13	9.0	11	1.5	8,9	3.1	7.5	Roanoke River.								
Parker, Pa.	73	20	7.2	18	1.4	6-8	3.2	5.8	Weldon, N. C.	90	40	30.7	14	8.3	8-11	11.2	23.4
Monongahela River.									Cape Fear River.								
Weston, W. Va.	161	18	3.3	12	0.0	4-10,16-17	0.5	3.3	Fayetteville, N. C.	100	38	15.4	14	4.0	9	7.3	11.4
Fairmont, W. Va.	119	25	7.8	13	1.2	9,10	2.4	6.6	Edisto River.								
Greensboro, Pa.	51	18	12.5	18	7.5	8	8.7	5.0	Edisto, S. C.	75	6	5.9	7	4.3	31	5.0	1.6
Lock No. 4, Pa.	40	23	15.5	13	7.2	10,21	9.0	8.3	Peedee River.								
Conemaugh River.									Cheraw, S. C.	145	27	23.6	14	2.1	11	5.8	20.5
Johnstown, Pa.	64	7	3.8	11	1.2	6,8	2.3	2.6	Black River.								
Red Bank Creek.									Kingstree, S. C.	60	12	11.2	7	7.7	1	9.1	3.5
Brookville, Pa.	35	8	2.4	12	1.4	1-9	1.8	1.0	Lynch Creek.								
Beaver River.									Effingham, S. C.	35	12	10.6	8	5.8	16	8.1	4.8
Ellwood Junction, Pa. ³	10	14	4.6	12,13	3.1	18	3.7	1.5	Santee River.								
Great Kanawha River.									St. Stephens, S. C.	50	12	8.7	8-12,25	7.9	17-19,31	8.4	0.8
Charleston, W. Va.	61	30	17.0	13	4.6	22,29	6.9	12.4	Congaree River.								
Little Kanawha River.									Columbia, S. C.	37	15	5.1	14	0.4	9,10	1.8	4.7
Glennville, W. Va.	100	24	3.9	12	— 1.4	9,10	1.5	5.3	Wateree River.								
New River.									Camden, S. C.	45	24	23.0	14	4.8	11	8.6	17.2
Hinton, W. Va.	95	14	7.3	13	1.8	8-10	2.8	5.5	Waccamaw River.								
Cheat River.									Conway, S. C.	40	7	5.8	6-8	4.0	1,29-31	5.0	1.8
Rowlesburg, W. Va. ⁴	36	14	5.6	12	3.0	20	4.0	2.6	Savannah River.								
Ohio River.									Calhoun Falls, S. C.	347	.....	6.0	13	3.1	28,29	3.7	2.9
Pittsburg, Pa.	966	22	12.5	14	2.0	8	5.3	10.5	Augusta, Ga.	268	32	23.5	13	8.4	10	11.9	15.1
Davis Island Dam, Pa.	960	25	13.0	18	4.0	6-8	6.8	9.0	Broad River.								
Wheeling, W. Va.	875	30	18.0	14	4.4	9	8.4	13.3	Carlton, Ga.	30	.....	11.5	13	2.6	9,10	3.8	8.9
Parkersburg, W. Va.	785	36	17.8	15	3.5	7	8.8	14.3	Flint River.								
Point Pleasant, W. Va.	708	39	22.6	15	4.2	11	9.9	18.4	Albany, Ga.	80	30	18.1	4	4.0	31	9.6	14.1
Huntington, W. Va.	690	50	26.6	15	7.5	11	13.7	19.1	Chattahoochee River.								
Catlettsburg, Ky.	651	50	28.2	15	6.0	11	13.1	20.2	Westpoint, Ga.	239	20	15.0	13	3.8	10	6.1	11.2
Portsmouth, Ohio	612	50	27.5	16	7.4	11	14.0	20.1	Ocmulgee River.								
Cincinnati, Ohio	499	50	28.8	17	9.6	11	15.8	19.2	Macon, Ga.	125	20	13.7	3	4.3	21	7.4	9.4
Madison, Ind.	413	46	24.0	17	9.6	11	14.4	14.4	Oconee River.								
Louisville, Ky.	397	28	10.5	17,18	5.7	11	7.6	4.8	Dublin, Ga.	60	30	13.9	6,7	4.6	25	8.4	9.3
Evansville, Ind.	184	35	21.1	20	8.7	12	12.8	12.4	Coosa River.								
Paducah, Ky.	47	40	24.2	21	9.6	11	14.9	14.6	Rome, Ga.	225	30	27.0	13	2.8	10	8.3	24.2
Cairo, Ill.	1,073	45	26.8	21	11.7	12	17.6	13.1	Gadsden, Ala.	144	18	22.4	13	3.2	10	9.9	19.2
Muskingum River.									Alabama River.								
Zanesville, Ohio	70	20	11.6	13	6.6	5	8.0	5.0	Montgomery, Ala.	265	35	37.7	15	6.8	11	18.3	30.9
Scioto River.									Selma, Ala.	212	35	40.0	17	8.1	11	22.7	31.9
Columbus, Ohio ⁵	110	17	5.2	12,13	2.8	18,21-24	3.4	2.4	Tombigbee River.								
Miami River.									Columbus, Miss.	303	33	23.7	15	0.0	9	8.5	22.7
Dayton, Ohio.	69	18	3.4	12	0.9	3-6	1.6	2.5	Demopolis, Ala. ⁸	155	35	49.6	21	2.7	10	30.4	40.9
Wabash River.									Black Warrior River.								
Mount Carmel, Ill.	50	15	7.2	15,16	2.2	5-7	3.9	5.0	Tuscaloosa, Ala.	129	43	56.5	13	8.3	10	22.8	48.2
Licking River.									Brazos River.								
Falmouth, Ky.	30	25	7.2	1,13	1.8	29-31	3.8	5.4	Kopperl, Tex.	369	21	— 0.1	1-5	— 0.2	6-31	— 0.2	0.1
Clinch River.									Waco, Tex.	301	22	1.1	1-7	0.9	22-31	1.0	0.2
Speers Ferry, Va.	156	20	10.2	12	0.1	5,6	1.3	10.1	Columbia River.								
Clinton, Tenn.	46	25	20.5	13	4.2	9,10	7.2	16.3	Umatilla, Oreg.	270	25	5.5	1	2.5	31	3.7	3.0
Tennessee River.									The Dalles, Oreg.	166	40	9.4	14,15	5.1	12	6.9	4.3
Knoxville, Tenn.	614	29	16.0	13	1.5	9,10	4.0	14.5	Willamette River.								
Kingston, Tenn.	534	25	16.7	13	1.9	10	4.8	14.3	Albany, Oreg.	99	30	30.5	15	5.6	31	10.4	24.9
Chatanooga, Tenn.	430	33	30.0	14	3.8	10	8.7	35.2	Portland, Oreg.	10	15	20.9	17	3.8	31	9.2	17.1
Bridgeport, Ala.	390	34	30.5	14,15	2.3	10	6.5	18.2	Sacramento River.								
Florence, Ala.	230	16	16.2	16,17	8.0	10	7.5	13.2	Red Bluff, Cal.	241	23	19.4	4				

