Summary of temperature and precipitation, by sections, May, 1914.

Section.	Temperature (°F.).								Precipitation (inches and hundredths).					
	Section average.	Departure from the normal.	Monthly extremes.						Section average.	Departure from the normal.	Greatest monthly.		Least monthly.	
			Station.	Highest.	Date.	Station.	Lowest.	Date.			Station.	Amount.	Station.	Amount.
Alabama	71.8	+0.4	Wetumpka	104	30	2 stations	42	9	1.05	−2.99	Cordova	3.30	Daphne	T.
Arizona	67.6	+1.7	Maricopa	110	21	Alpine	18	1	0.32	+0.05	St. Johns	2.15	7 stations	0.00
Arkansas	69.5	+0.3	2 stations	97	26†	Dutton	34	9	3.34	−2.16	Wiggs	6.92	Corning	1.02
California	62.3	+0.2	Greenland Ranch	116	29	Tamarack	20	9†	0.69	−0.53	Kennett	4.66	31 stations	0.00
Colorado	53.1	+1.1	Wray	96	26	Fraser	3	1	2.51	+0.70	Campo	13.77	Woodmen Sanatorium.	0.10
Florida	75.8	+0.3	Mount Pleasant	104	31	2 stations	45	9†	1.74	−2.09	Homestead	6.65	3 stations	0.00
Georgia	72.7	+0.9	Waynesboro	104	29	Blue Ridge	36	10	0.74	−2.73	Quitman	2.99	Waynesboro	0.00
Hawaii (for April)	70.1	.....	Mahukona	89	13	Waimea	47	7	7.45	.....	Waiakamoi	37.86	Makapun	0.23
Idaho	56.5	+2.7	2 stations	100	31	Challis	16	5	1.27	−0.48	Castle Creek	3.65	Shoshone	0.17
Illinois	65.3	+2.4	Golconda	97	26	Joliet	29	2	2.32	−1.65	Antioch	6.76	Fairfield	0.12
Indiana	64.6	+3.1	Shoals	100	30	3 stations	29	1†	2.64	−1.41	Knox	8.15	Decker	0.34
Iowa	62.2	+1.7	Cedar Rapids	96	26	Washta	25	13	3.31	−1.26	Fairfield	6.90	Leon	0.30
Kansas	64.3	+0.6	Wallace	98	9	4 stations	28	13	3.35	−0.89	Minneola	8.16	Lawrence	0.64
Kentucky	66.5	+0.8	Beaver Dam	103	28	Greensburg	32	1	2.16	−1.76	Bowling Green	4.65	Louisville	0.65
Louisiana	73.8	−0.3	Angola	99	31	Collinston	43	9	2.33	−1.42	Lake Charles	10.11	Hammond	T.
Maryland & Delaware	65.2	+1.9	Cambridge	100	27	Deer Park	18	1	2.06	−1.57	State Sanatorium	4.24	Wilmington	0.89
Michigan	57.0	+3.1	Bay City	94	29	3 stations	20	3†	3.37	+0.15	Allegan	11.34	Iron Mountain	0.43
Minnesota	57.6	+3.1	Tracy	103	26	2 stations	20	12†	2.89	−0.56	Worthington	6.85	State Sanatorium	0.30
Mississippi	71.5	−0.4	Columbus	100	30	Porterville	40	14	1.83	−2.59	Greenville	5.30	Pascagoula	0.00
Missouri	66.6	+2.0	Grant City	98	26	Cassville	31	9	1.47	−3.40	Dean	4.71	Wheatland	0.16
Montana	52.5	+1.3	4 stations	91	31	2 stations	15	5†	1.89	−0.54	Highwood	4.28	Medicine Lake	0.25
Nebraska	60.7	+1.4	Ewing	100	26	Hillside	22	8	2.68	−0.87	Norfolk	5.98	Scottsbluff	0.72
Nevada	59.4	+3.5	Leeland	111	21	Geyser	10	2	0.53	−0.43	Jack Creek	2.12	6 stations	0.00
New England	56.8	+1.7	Durham, N. H.	99	27	Keene, N. H.	21	2	2.15	−1.46	Hyannis, Mass	4.79	Burlington, Vt.	0.36
New Jersey	63.1	+2.8	4 stations	98	27	2 stations	30	1	2.57	−1.30	Sussex	5.09	Bridgeton	0.95
New Mexico	60.1	+0.1	Almagordo (near)	99	29	Luna	15	2	2.62	+1.14	Portales	12.67	2 stations	0.03
New York	58.0	+2.1	2 stations	98	27	2 stations	20	1†	3.08	−0.06	Allegany	7.50	Harkness	0.44
North Carolina	67.9	+0.6	5 stations	101	28	Banner Elk	29	2	1.38	−2.73	Newbern	3.55	Elizabethtown	0.00
North Dakota	55.2	+3.1	3 stations	95	24†	McLeod	16	16	2.12	−0.45	Turtle Lake	4.21	Howard	0.86
Ohio	62.2	+1.4	Brilliant	102	29	Lisbon	26	1†	3.11	−0.36	Antwerp	8.45	Dayton	0.94
Oklahoma	66.9	−0.6	Goodwell	96	10	Newkirk	36	13	5.16	−0.76	Geary	8.67	Stillwater	2.04
Oregon	56.7	+3.3	Cliff	98	30	Whitaker	8	4	1.46	−0.90	Waldo Lake	3.80	Prineville	0.06
Pennsylvania	61.5	+1.6	3 stations	96	26†	2 stations	19	1	3.34	−0.53	Lawrenceville	6.52	Philadelphia	0.90
Porto Rico	76.7	−0.4	Canóvanas	96	2	.....do	52	5†	11.42	+3.99	Rio Grande	28.85	Santa Isabel	2.36
South Carolina	72.1	+0.6	2 stations	105	28	.....do	42	3	0.83	−2.54	Ferguson	2.70	Edgefield	0.00
South Dakota	57.5	+1.5	Timber Lake	98	30	Sorum	22	12	3.10	+0.48	Forestburg	8.94	Pine Ridge	0.70
Tennessee	67.5	+0.4	Dunlap	101	29	Mountain City	33	2†	2.19	−1.86	Johnsonville	4.73	Chattanooga	0.57
Texas	71.3	−1.5	Eagle Pass	105	5†	4 stations	40	12†	7.68	+4.14	Beaumont	19.35	Alpine	0.50
Utah	58.2	+3.0	St. George	101	29	Fruitland	17	5	0.65	−0.61	Lower Mill Creek	2.11	4 stations	0.00
Virginia	65.6	+1.6	2 stations	98	27†	Mount Weather	26	4	1.64	−2.40	Petersburg	3.73	Radford	0.58
Washington	57.1	+2.3	Prosser	98	31	Republic	16	28	1.14	−1.05	Quiniault	3.65	Eltopia	0.08
West Virginia	62.4	+0.1	2 stations	100	29	Marlinton	23	1	1.96	−2.03	Point Pleasant	3.70	2 stations	0.55
Wisconsin	57.8	+2.9	New Richmond	98	25	Ashland (1)	20	12†	3.53	−0.20	Cottage Grove	8.54	Hayward	0.19
Wyoming	50.1	+2.2	Wheatland	92	30	Thumb, Y. N. P.	4	5	1.47	−0.84	Bechler River, Y. N. P.	3.74	Basin	0.17

DESCRIPTION OF TABLES AND CHARTS.

Table I gives the data ordinarily needed for climatological studies for about 158 Weather Bureau stations making simultaneous observations at 8 a. m. and 8 p. m., seventy-fifth meridian time daily, and for about 41 others making only one observation. The altitudes of the instruments above ground are also given.

Table II gives a record of precipitation the intensity of which 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
Rates per hour (inches)	3.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.87	0.84	0.80

In cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest precipitation of any single storm has been given, also the greatest hourly fall during that storm.

Table III gives, for about 30 stations of the Canadian Meteorological Service, 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.

Chart I.—Hydrographs for several of the principal rivers of the United States.

Chart II.—Tracks of centers of high areas; and

Chart III.—Tracks of centers of low areas. The roman numerals show the chronological order of the centers. The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the observations at 8 a. m and 8 p. m., seventy-fifth meridian time. Within each circle is also given (Chart II) the last three figures of the highest barometric reading and (Chart III) the lowest reading reported at or near the center at that time, and in both cases as reduced to sea level and standard gravity.

Chart IV.—Total precipitation. The scale of shades showing the depth is given on the chart. Where the monthly amounts are too small to justify shading, and over sections of the country where stations are too widely separated or the topography is too diversified to warrant reasonable accuracy in shading, the actual depths are given for a limited number of representative stations. Amounts less than 0.005 inch are indicated by the letter T, and no precipitation by 0.

Chart V.—Percentage of clear sky between sunrise and sunset. The average cloudiness at each Weather Bureau station is determined by numerous personal observations between sunrise and sunset. The difference between the observed cloudiness and 100 is assumed to represent the percentage of clear sky, and the values thus obtained are the basis of this chart. The chart does not relate to the nighttime.

Chart VI.—Isobars and isotherms at sea level and prevailing wind directions. The pressures have been reduced to sea level and standard gravity by the method described by Prof. Frank H. Bigelow on pages 13–16 of

the REVIEW for January, 1902. The pressures have also been reduced to the mean of the 24 hours by the application of a suitable correction to the mean of the 8 a. m. and 8 p. m. readings at stations taking two observations daily, and to the 8 a. m. or the 8 p. m. observations, respectively, at stations taking but a single observation. The diurnal corrections so applied will be found in the Annual Report of the Chief of the Weather Bureau, 1900–1901, volume 2, Table 27, pages 140–164.

The isotherms on the sea-level plane have been constructed by means of the data summarized in chapter 8 of volume 2 of the annual report just mentioned. The correction $t_0 - t$, or temperature on the sea-level plane minus the station temperature as given by Table 48 of that report, is added to the observed surface temperature to obtain the adopted sea-level temperature.

The prevailing wind directions are determined from hourly observations at the great majority of the stations; a few stations having no self-recording wind-direction apparatus determine the prevailing direction from the daily or twice-daily observations only.

Chart VII.—Total snowfall. This is based on the reports from regular and cooperative observers and shows the depth in inches and tenths of the snowfall during the month. In general, the depth is shown by lines inclosing areas of equal snowfall, but in special cases figures are also given.

Chart VIII.—Depth of snow on ground at end of the month, expressed in inches and tenths.

Charts VII and VIII are published only when the general snow cover is sufficiently extensive to justify their preparation.

TABLE I.—*Climatological data for United States Weather Bureau stations, May, 1914.*

Districts and stations.	Elevation of instruments.			Pressure in inches.			Temperature of the air, in degrees Fahrenheit.												Precipitation, inches.			Wind.										
	Barometer above sea level, feet.	Thermometer above ground.	Anemometer above ground.	Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean max.+mean min.÷2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Snow on ground at end of month.
New England.							**56.6**	**+ 2.0**										**71**	**2.08**	**− 1.3**										**5.1**		
Eastport	76	67	85	29.92	30.01	+ .05	48.4	+ 1.5	87	27	57	29	2	40	40	44	41	78	0.80	− 3.0	8	7,011	s.	44	ne.	9	5	13	13	6.8	T.	....
Greenville	1,070	6	....	28.84	30.01	.....	52.1	.....	87	27	64	23	1	40	43	....	....	....	1.70	.....	8	.....	se.	....	....	....	....	....	....	....	0.1	....
Portland, Me.	103	82	117	29.91	30.04	+ .07	55.4	+ 1.9	92	26	64	33	13	46	35	48	42	66	2.02	− 1.6	7	6,960	sw.	31	ne.	9	12	5	14	5.7	T.	....
Concord	288	70	79	29.73	30.04	+ .06	57.0	+ 1.3	93	27	70	32	16	44	39	....	....	....	1.54	− 1.7	6	4,222	nw.	25	nw.	28	17	6	8	4.4	0.5	....
Burlington	404	11	48	29.61	30.04	+ .07	57.2	+ 3.3	90	27	68	32	1	46	32	....	....	....	0.36	− 2.5	7	7,732	s.	39	s.	30	12	12	7	4.8	....	....
Northfield	876	12	60	29.10	30.05	+ .08	53.2	− 0.3	87	27	67	24	2	39	41	51	48	79	0.90	− 1.9	9	5,612	s.	32	n.	1	15	8	8	4.5	....	....
Boston	125	115	188	29.90	30.04	+ .06	60.4	+ 3.8	95	27	70	38	1	51	29	52	46	65	2.78	− 0.8	7	7,305	w.	29	e.	13	10	11	10	5.3	....	....
Nantucket	12	14	90	30.02	30.03	+ .04	53.6	+ 0.6	77	28	61	35	1	46	22	49	46	81	3.38	+ 0.7	11	10,912	sw.	42	n.	6	13	10	8	5.2	....	....
Block Island	26	11	46	30.01	30.04	+ .05	54.8	+ 1.9	79	28	62	38	1	47	23	50	48	83	3.51	− 0.2	7	11,541	sw.	46	sw.	27	12	11	8	4.9	....	....
Narragansett Pier	....	9	....	....	....	....	56.5	+ 1.8	86	28	66	31	1	47	35	....	....	....	3.08	.....	8	.....	sw.	....	....	....	18	5	8	....	....	....
Providence	160	215	251	29.87	30.04	+ .06	59.7	+ 1.2	90	26	70	35	1	49	35	53	47	68	1.88	− 1.6	8	9,666	nw.	48	nw.	1	14	10	7	4.8	....	....
Hartford	159	122	140	29.87	30.04	+ .06	61.4	+ 3.9	94	27	72	37	1	50	31	52	45	58	2.71	− 0.8	7	5,219	nw.	40	sw.	27	10	9	12	5.5	....	....
New Haven	106	117	155	29.93	30.04	+ .05	61.0	+ 3.4	90	27	71	38	1	51	28	53	47	63	3.00	− 0.6	8	6,366	nw.	40	w.	27	14	9	8	4.7	....	....
Middle Atlantic States.							**64.4**	**+ 2.9**										**61**	**2.00**	**− 1.5**										**4.1**		
Albany	97	102	115	29.94	30.04	+ .06	61.7	+ 2.8	94	26	73	36	2	50	36	53	46	60	2.30	− 0.7	6	5,363	nw.	26	se.	29	19	8	4	3.3	....	....
Binghamton	871	10	69	29.16	30.08	+ .10	59.4	+ 2.4	92	26	71	32	1	48	36	....	....	....	4.51	+ 1.4	12	3,630	nw.	26	sw.	27	13	12	6	4.6	....	....
New York	314	414	454	29.72	30.05	+ .06	63.6	+ 4.3	91	27	73	40	1	54	29	53	44	55	1.97	− 1.2	8	11,392	nw.	90	nw.	27	12	11	8	5.0	....	....
Harrisburg	374	94	104	29.69	30.09	+ .11	65.3	+ 3.6	92	26	76	42	1	55	31	56	48	59	2.61	− 1.1	7	4,337	w.	30	sw.	27	12	12	7	4.5	....	....
Philadelphia	117	123	184	29.95	30.08	+ .09	66.8	+ 4.6	94	27	76	43	1	57	27	57	49	58	0.90	− 2.3	5	7,387	nw.	46	nw.	27	11	13	7	4.7	....	....
Reading	325	81	98	29.73	30.08	.....	64.8	.....	94	26	76	38	1	54	32	55	48	58	1.20	.....	8	4,682	nw.	28	se.	12	13	10	8	4.7	....	....
Scranton	805	111	119	29.23	30.08	+ .10	61.5	+ 2.7	92	26	73	35	3	50	36	54	49	68	3.29	− 0.2	12	4,919	n.	30	nw.	27	13	13	5	4.1	....	....
Atlantic City	52	37	48	30.02	30.08	+ .10	61.0	+ 3.5	90	28	69	38	1	53	26	54	49	68	1.27	− 1.7	5	5,629	sw.	25	sw.	5	14	10	7	4.3	....	....
Cape May	17	13	49	30.08	30.10	+ .11	62.8	+ 4.2	91	27	71	43	2	54	30	56	52	74	2.15	− 0.8	5	5,846	nw.	30	e.	12	15	11	5	3.8	....	....
Trenton	190	159	183	29.85	30.05	.....	64.1	.....	94	27	75	39	1	53	32	54	47	58	1.98	− 1.5	8	7,692	nw.	35	e.	12	14	11	6	4.3	....	....
Baltimore	123	100	113	29.95	30.08	+ .09	68.0	+ 3.8	94	27	78	43	1	58	33	57	49	54	1.17	− 2.4	6	4,945	nw.	34	n.	27	15	11	5	3.7	....	....
Washington	112	62	85	29.96	30.08	+ .08	67.0	+ 2.8	95	27	78	41	1	55	39	58	51	60	1.72	− 2.1	7	4,692	nw.	36	n.	27	14	11	6	4.3	....	....
Lynchburg	681	83	88	29.36	30.10	+ .10	68.4	+ 2.5	96	28	81	38	1	55	38	58	52	59	0.59	− 3.4	4	5,069	n.	28	nw.	9	15	15	1	4.0	....	....
Mount Weather	1,725	10	75	28.28	30.07	+ .07	63.1	+ 3.6	88	27	72	35	1	54	26	53	46	58	1.07	− 2.7	7	11,036	nw.	52	nw.	5	9	12	10	5.4	....	....
Norfolk	91	170	205	30.01	30.10	+ .10	68.3	+ 2.1	94	28	77	48	2	59	26	60	54	64	2.53	− 1.5	7	8,700	sw.	38	sw.	5	18	8	5	3.3	....	....
Richmond	144	11	52	29.95	30.10	+ .11	68.6	+ 1.3	95	27	81	41	1	57	32	59	52	60	2.50	− 1.4	5	5,468	s.	30	ne.	30	18	10	3	3.1	....	....
Wytheville	2,293	40	47	27.78	30.13	+ .14	61.0	− 0.4	88	29	75	33	1	47	42	54	49	66	1.38	− 2.5	6	3,361	w.	20	w.	5	21	9	1	2.2	....	....
South Atlantic States.							**71.1**	**+ 1.3**										**64**	**0.75**	**− 3.0**										**3.6**		
Asheville	2,255	70	84	27.82	30.14	+ .15	63.4	+ 0.8	91	28	76	39	19	51	37	54	47	60	0.71	− 3.1	6	5,261	nw.	44	se.	29	16	12	3	3.8	....	....
Charlotte	773	68	76	29.30	30.12	+ .13	70.6	+ 2.2	95	28	82	47	1	59	34	59	51	55	0.49	− 3.4	5	4,960	sw.	36	w.	5	15	13	3	3.3	....	....
Hatteras	11	12	50	30.09	30.10	+ .09	69.2	+ 2.1	85	29	75	48	2	63	20	63	60	75	0.67	− 3.5	5	10,111	sw.	55	w.	5	23	6	2	2.5	....	....
Manteo	12	12	46	....	....	....	66.6	.....	91	28	76	37	2	57	....	....	....	....	1.14	.....	2	.....	ne.	....	....	....	22	7	2	....	....	....
Raleigh	376	103	110	29.71	30.10	+ .11	70.2	+ 2.1	98	28	81	45	1	59	29	59	50	55	1.20	− 3.7	5	5,760	sw.	43	w.	5	20	9	2	3.1	....	....
Wilmington	78	81	91	30.05	30.13	+ .12	70.4	+ 1.8	91	28	80	49	2	60	30	61	56	67	0.10	− 3.9	3	6,471	sw.	38	sw.	5	17	14	0	2.7	....	....
Charleston	48	11	92	30.08	30.13	+ .12	72.5	+ 0.1	94	29	80	55	9	65	27	65	61	73	0.82	− 2.6	5	8,696	s.	43	ne.	18	21	6	4	2.8	....	....
Columbia, S. C.	351	41	57	29.75	30.13	+ .13	73.2	+ 1.4	99	28	85	52	1	61	33	60	52	55	0.55	− 2.6	5	5,530	sw.	40	sw.	5	18	11	2	3.2	....	....
Augusta	180	89	97	29.94	30.13	+ .14	73.6	+ 1.4	99	29	86	50	10	62	34	61	53	54	0.06	− 3.2	3	5,119	e.	40	nw.	7	10	11	10	5.2	....	....
Savannah	65	150	194	30.06	30.13	+ .14	73.3	+ 0.8	94	29	82	55	9	64	29	66	62	76	0.89	− 2.1	4	9,745	sw.	70	w.	7	16	12	3	3.7	....	....
Jacksonville	43	96	129	30.08	30.12	+ .12	74.8	+ 0.6	92	6	83	59	9	66	24	66	63	72	2.00	− 2.2	5	7,684	ne.	48	sw.	8	11	9	11	5.3	....	....
Florida Peninsula.							**77.9**	**+ 0.2**										**76**	**2.09**	**− 2.2**										**5.8**		
Key West	22	10	64	30.02	30.04	+ .07	78.9	− 0.1	86	14	84	69	18	74	15	72	70	76	3.41	0.0	10	8,479	e.	29	ne.	20	7	12	12	6.2	....	....
Miami	25	37	72	30.05	30.08	.....	77.6	− 1.0	87	9	83	63	2	72	20	71	68	73	1.82	− 4.6	9	8,042	e.	32	ne.	20	3	12	16	7.1	....	....
Sand Key	23	39	72	29.99	30.02	+ .05	77.5	.....	85	8	80	71	27	75	8	74	72	83	2.95	.....	11	12,304	e.	47	se.	27	8	15	8	5.1	....	....
Tampa	35	79	96	30.03	30.09	+ .10	77.2	+ 1.7	91	24	86	60	10	68	26	69	65	73	1.03	− 1.9	3	6,213	ne.	29	ne.	19	10	17	4	5.0	....	....
Titusville	44	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
East Gulf States.							**72.9**	**+ 0.6**										**62**	**0.69**	**− 2.8**										**4.3**		
Atlanta	1,174	190	216	28.92	30.15	+ .16	71.2	+ 1.7	97	29	81	48	9	61	26	59	51	55	0.30	− 2.8	3	7,893	nw.	44	w.	5	20	5	6	3.5	....	....
Macon	370	78	87	29.73	30.12	+ .13	73.4	+ 2.3	98	29	86	49	10	61	35	62	54	57	0.45	− 2.4	4	4,634	s.	38	nw.	7	20	9	2	3.0	....	....
Thomasville	273	8	57	29.82	30.11	+ .12	75.2	+ 1.2	100	30	88	51	10	62	35	64	60	67	1.45	− 2.6	5	4,226	e.	22	sw.	5	12	13	6	4.3	....	....
Pensacola	56	140	182	30.05	30.11	+ .12	74.2	− 0.6	86	30	80	55	9	68	23	66	62	71	0.09	− 2.6	1	9,326	se.	35	e.	20	10	12	9	5.0	....	....
Anniston	741	9	57	29.37	30.16	+ .17	69.2	+ 0.8	97	29	82	44	16	56	35	....	....	....	0.84	− 2.2	4	3,735	se.	24	w.	5	20	6	5	3.1	....	....
Birmingham	700	11	48	29.39	30.15	+ .17	70.6	− 1.0	97	30	82	46	9	60	31	60	53	59	1.52	− 1.6	5	4,415	n.	27	s.	4	19	6	6	3.8	....	....
Mobile	57	125	161	30.05	30.11	+ .12	74.8	+ 1.2	92	7	84	53	9	66	25	66	62	71	0.22	− 3.8	2	7,184	sw.	28	e.	20	8	20	3	4.3	....	....
Montgomery	223	100	112	29.88	30.12	+ .13	73.6	+ 0.1	98	30	85	52	9	62	29	62	55	57	0.69	− 3.1	5	4,872	ne.	30	nw.	7	16	12	3	3.4	....	....
Meridian	375	85	93	29.72	30.11	+ .13	70.9	− 0.2	96	30	82	46	9	60	34	63	58	68	0.79	− 3.1	4	3,600	ne.	19	e.	20	8	12	11	6.1	....	....
Vicksburg	247	62	74	29.84	30.12	+ .15	73.4	+ 0.5	92	30	84	51	14	63	29	63	58	65	1.02	− 3.2	6	4,767	se.	29	nw.	7	13	7	11	5.2	....	....
New Orleans	51	90	121	30.04	30.09	+ .12	75.5	+ 1.0	92	31	83	59	9	68	21	68	65	75	0.19	− 3.7	3	5,843	ne.	31	s.	4	8	12	11	5.6	....	....
West Gulf States.							**72.0**	**− 0.9**										**78**	**5.53**	**− 1.4**										**6.2**		
Shreveport	249	77	93	29.83	30.10	+ .15	72.5	− 0.7	90	31	81	55	14	64	26	65	62	75	4.49	+ 0.3	8	5,000	se.	27	s.	29	10	8	13	5.5	....	....
Bentonville	1,303	11	44	28.74	30.10	+ .17	66.0	− 0.4	87	25	77	38	13	55	36	....	....	....	2.19	− 3.0	9	3,101	s.	21	s.	10	11	14	6	4.8	....	....
Fort Smith	457	79	94	29.60	30.08	+ .15	69.6	− 0.1	91	31	80	47	13	60	38	62	57	70	4.75	− 0.2	13	5,687	e.	39	n.	11	8	9	14	6.2	....	....
Little Rock	357	139	147	29.74	30.11	+ .16	70.6	+ 0.2	91	31	80	49	13	62	32	62	57	66	2.25	− 2.8	6	6,176	s.	28	n.	12	10	18	3	4.8	....	....
Brownsville	57	3	40	....	....	.....	78.7	.....	94	4	85	67	14	72	19	....	....	....	9.03	.....	12	.....	e.	....	....	....	....	....	....	....	....	....
Corpus Christi	20	69	77	29.99	30.01	+ .11	76.2	− 0.3	90	4	80	63	13	73	15	73	71	88	3.17	+ 0.4	12	11,121	se.	52	e.	3	2	17	12	6.7	....	....
Dallas	512	109	117	29.52	30.06	.....	71.0	.....	90	5	79	51	13	63	26	....	....	....	7.10	.....	15	7,080	se.	34	se.	10	4	11	16	6.6	....	....
Fort Worth	670	106	114	29.33	30.04	+ .13	70.2	− 3.0	91	5	78	50	13	62	29	64	62	80	10.71	+ 6.6	16	7,169	e.	34	s.	10	3	11	17	7.2	....	....
Galveston	54	106	114	30.01	30.07	+ .13	74.6	− 0.8	82	7	78	62	14	71	14	70	68	84	7.54	+ 4.3	8	10,062	se.	42	s.	4	7	12	12	6.1	....	....
Houston	138	111	121	29.90	30.04	.....	74.4	− 1.1	91	5	82	60	14	67	23	....	....	....	15.47	.....	12	6,935	se.	35	ne.	12	7	12	12	6.2	....	....
Palestine	510	61	72	29.53	30.06	+ .13	71.8	− 0.7	90	6	80	54	14	64	25	66	63	81	6.16	+ 1.3	11	5,333	s.	36	se.	2	8	8	15	6.3	....	....
San Antonio	701	80	91	29.30	30.02	+ .12	74.4	− 0.4	92	7	82	57	13	66	28	68	66	83	5.59	+ 2.6	14	4,119	se.	25	n.	13	4	16	11	6.4	....	....
Taylor	582	55	63	29.44	30.05	+ .14	72.0	− 2.3	92	5	80	54	13	64	29	....	....	....	8.41	+ 4.4	17	6,577	se.	40	ne.	16	3	16	12	7.0	....	....

TABLE I.—*Climatological data for United States Weather Bureau stations, May, 1914*—Continued.

Districts and stations.	Elevation of instruments.			Pressure in inches.			Temperature of the air, in degrees Fahrenheit.												Precipitation, inches.			Wind.										
	Barometer above sea level, feet.	Thermometer above ground.	Anemometer above ground.	Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean max.+mean min.÷2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 0.01 or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Snow on ground at end of month.
Ohio Valley and Tennessee.							66.2	+ 1.1										61	1.74	− 1.9										4.1		
Chattanooga	762	189	213	29.35	30.16	+ .17	69.4	+ 0.8	95	29	81	49	1	58	33	58	50	54	0.57	− 3.0	4	5,517	ne.	36	sw.	5	16	10	5	4.0	....	....
Knoxville	996	93	100	29.09	30.14	+ .15	68.1	+ 1.6	95	29	80	45	15	56	34	58	50	57	1.25	− 2.4	7	3,512	ne.	30	w.	7	15	8	8	4.2	....	....
Memphis	399	76	97	29.73	30.16	+ .20	70.6	− 0.1	91	26	80	47	1	61	24	61	55	62	4.64	+ 0.3	5	5,601	sw.	38	sw.	4	14	9	8	4.7	....	....
Nashville	546	168	191	29.57	30.15	+ .17	68.2	− 0.6	95	29	80	45	1	57	32	58	52	59	3.01	− 0.5	4	5,948	n.	46	w.	7	15	10	6	4.3	....	....
Lexington	989	75	102	29.08	30.15	+ .16	65.8	+ 1.5	92	28	76	37	1	56	29	....	....	....	1.65	− 1.9	4	6,858	s.	42	nw.	7	14	12	5	3.8	....	....
Louisville	525	219	255	29.56	30.14	+ .16	67.8	+ 1.1	93	28	78	42	1	57	27	58	52	60	0.65	− 3.0	4	7,719	s.	60	w.	7	16	10	5	3.8	....	....
Evansville	431	72	82	29.66	30.13	+ .16	67.9	+ 0.8	93	31	78	42	1	58	27	58	51	58	1.03	− 2.4	4	5,280	s.	32	sw.	11	18	9	4	3.9	....	....
Indianapolis	822	154	164	29.24	30.12	+ .15	65.6	+ 2.3	91	28	76	38	1	56	28	56	49	58	1.90	− 2.0	6	6,673	sw.	36	sw.	25	15	9	7	4.2	....	....
Terre Haute	575	96	129	29.49	30.11	.....	66.6	.....	92	27	78	37	1	55	34	57	51	60	1.01	.....	6	6,894	s.	41	nw.	7	12	15	4	4.9	....	....
Cincinnati	628	152	160	29.45	30.13	+ .14	66.8	+ 1.7	94	28	77	39	1	56	30	59	53	64	1.83	− 1.7	6	4,183	sw.	30	w.	7	16	8	7	3.8	....	....
Columbus	824	173	222	29.25	30.12	+ .14	63.8	+ 1.5	94	29	75	34	1	53	33	56	51	66	1.28	− 2.4	7	7,142	nw.	36	nw.	5	17	8	6	3.6	....	....
Dayton	899	181	210	29.16	30.10	.....	64.4	+ 1.5	92	28	75	35	1	54	30	56	49	63	0.94	− 2.9	5	6,620	sw.	42	w.	7	18	9	4	3.5	....	....
Pittsburgh	842	353	410	29.21	30.11	+ .12	62.8	+ 0.2	90	29	73	37	1	52	37	54	48	61	2.64	− 0.7	10	6,625	nw.	68	nw.	11	14	6	11	4.7	....	....
Elkins	1,940	41	50	28.10	30.13	+ .13	60.1	+ 1.0	90	29	75	29	1	45	44	53	47	66	1.43	− 2.6	8	2,745	w.	29	w.	12	9	13	9	5.2	....	....
Parkersburg	638	77	84	29.49	30.14	+ .15	64.8	+ 1.5	96	29	77	38	1	52	35	56	50	64	1.51	− 2.0	5	3,406	nw.	47	nw.	12	19	7	5	3.2	....	....
Lower Lake Region.							59.2	+ 1.7										67	3.62	+ 0.5										4.3		
Buffalo	767	247	280	29.26	30.10	+ .13	54.2	− 0.3	85	29	61	34	1	47	25	50	46	78	3.67	+ 0.6	15	10,960	sw.	58	sw.	27	14	11	6	4.5	....	....
Canton	448	10	61	29.58	30.06	.....	57.2	+ 1.0	85	27	68	30	2	46	34	....	....	....	0.89	− 2.0	9	8,373	sw.	42	w.	31	20	6	5	3.1	....	....
Oswego	335	76	91	29.70	30.06	+ .09	55.4	+ 0.7	84	26	64	37	1	47	32	50	44	67	2.32	− 0.5	10	6,735	w.	27	sw.	27	14	10	7	4.2	....	....
Rochester	523	97	113	29.52	30.10	+ .13	59.8	+ 3.1	87	25	70	35	1	50	32	51	44	61	1.79	− 1.2	9	6,552	sw.	42	sw.	27	16	7	8	4.3	....	....
Syracuse	597	97	113	29.44	30.09	+ .11	59.5	+ 2.2	87	26	68	35	1	51	31	52	46	63	3.05	− 0.3	11	8,005	nw.	54	sw.	27	16	7	8	4.4	....	....
Erie	714	92	102	29.34	30.10	+ .12	58.0	+ 0.7	87	25	66	35	1	50	24	52	46	66	5.95	+ 2.5	12	6,139	w.	40	ne.	12	10	11	10	5.1	....	....
Cleveland	762	190	201	29.30	30.12	+ .14	60.0	+ 1.5	90	29	68	38	1	52	26	54	49	68	4.09	+ 0.9	12	7,792	se.	49	ne.	12	11	12	8	4.6	....	....
Sandusky	629	62	70	29.43	30.11	+ .13	61.4	+ 2.2	92	29	70	40	1	53	29	53	48	65	4.03	+ 0.8	12	7,655	sw.	42	n.	11	11	9	11	5.3	....	....
Toledo	628	208	246	29.44	30.12	+ .15	62.4	+ 2.7	90	26	72	34	1	53	27	54	48	64	5.98	+ 2.7	9	9,923	sw.	42	nw.	11	16	10	5	3.8	....	....
Fort Wayne	856	113	124	29.20	30.12	.....	62.7	+ 2.5	90	28	73	36	1	53	30	56	52	72	5.21	.....	8	5,820	sw.	29	sw.	25	19	4	8	3.8	....	....
Detroit	730	218	245	29.32	30.11	+ .14	60.8	+ 2.9	89	26	70	34	1	51	27	52	46	62	4.44	+ 1.2	12	8,189	w.	45	nw.	29	15	10	6	4.2	....	....
Upper Lake Region.							56.3	+ 3.7										68	3.28	− 0.2										4.5		
Alpena	609	13	92	29.43	30.10	+ .13	54.5	+ 5.0	90	26	66	30	1	44	37	48	43	65	2.71	− 0.6	7	7,739	se.	36	w.	29	10	18	3	4.5	....	....
Escanaba	612	54	60	29.41	30.08	+ .11	53.2	+ 3.2	91	26	62	31	11	44	34	48	43	74	0.80	− 2.6	10	7,403	s.	32	ne.	11	13	12	6	4.8	T.	....
Grand Haven	632	54	92	29.41	30.09	+ .13	55.7	+ 0.9	80	28	64	36	15	47	26	50	44	67	4.75	+ 1.4	16	7,994	sw.	32	s.	25	17	10	4	3.4	....	....
Grand Rapids	707	70	87	29.34	30.10	+ .13	60.0	+ 1.0	88	25	70	36	2	50	30	53	48	68	3.06	− 0.3	13	4,557	w.	35	nw.	26	12	14	5	4.2	....	....
Houghton	684	62	72	29.32	30.05	+ .08	53.9	+ 4.2	88	25	65	31	11	43	38	....	....	....	1.87	− 1.4	9	5,986	w.	50	nw.	25	12	10	9	4.5	T.	....
Lansing	878	11	62	29.16	30.11	.....	58.6	+ 0.7	87	26	71	30	1	46	34	52	47	68	4.66	+ 1.1	11	4,314	sw.	37	nw.	14	11	11	9	4.8	....	....
Ludington	637	60	66	29.39	30.09	.....	53.6	.....	79	28	61	35	2	46	22	49	44	71	3.54	.....	14	8,121	s.	31	sw.	25	13	14	4	4.1	....	....
Marquette	734	77	111	29.28	30.09	+ .12	54.4	+ 5.4	92	25	64	32	10	45	38	47	40	62	0.90	− 2.4	10	8,169	nw.	40	sw.	25	17	6	8	4.3	T.	....
Port Huron	638	70	120	29.40	30.10	+ .13	57.4	+ 3.7	88	29	68	33	1	47	34	51	45	67	1.91	− 1.3	13	7,021	sw.	34	w.	29	10	17	4	4.5	....	....
Saginaw	641	48	82	29.41	30.10	.....	58.8	.....	87	29	71	31	1	47	33	52	47	68	3.95	− 0.2	11	6,751	sw.	32	sw.	29	13	13	5	4.3	....	....
Sault Sainte Marie	614	11	61	29.40	30.10	+ .15	52.7	+ 5.0	85	25	65	29	1	40	37	46	40	67	1.08	− 2.2	8	6,435	w.	38	sw.	25	10	12	9	5.3	....	....
Chicago	823	140	310	29.23	30.11	+ .15	62.3	+ 5.8	92	26	70	40	12	54	36	53	47	63	5.22	+ 1.8	13	8,860	sw.	42	sw.	3	17	9	5	3.9	....	....
Green Bay	617	109	144	29.39	30.05	+ .10	58.4	+ 3.9	88	26	68	35	15	49	27	52	47	68	4.42	+ 0.8	11	9,378	s.	46	ne.	11	7	18	6	5.7	....	....
Milwaukee	681	119	133	29.36	30.09	+ .13	57.8	+ 4.2	89	26	67	36	12	49	34	50	45	67	6.01	+ 2.6	15	6,142	sw.	36	sw.	25	14	10	7	4.3	....	....
Duluth	1,133	11	47	28.83	30.05	+ .09	53.2	+ 4.6	85	25	64	29	11	43	42	49	46	77	4.63	+ 1.2	13	9,507	ne.	56	sw.	25	13	10	8	4.5	T.	....
North Dakota.							55.6	+ 1.4										64	1.92	− 0.6										4.2		
Moorhead	940	8	57	29.01	30.03	+ .09	57.4	+ 2.6	88	25	70	28	12	44	38	51	45	68	1.47	− 1.5	13	6,822	se.	30	s.	17	19	8	4	3.0	....	....
Bismarck	1,674	8	57	28.26	30.05	+ .13	55.6	+ 0.4	87	30	69	27	12	42	46	48	42	67	3.61	+ 1.1	10	9,157	nw.	49	w.	5	15	9	7	4.1	T.	....
Devils Lake	1,482	11	44	28.41	29.98	+ .04	54.8	+ 2.1	83	30	68	23	14	42	40	47	39	62	1.42	− 0.8	9	8,376	s.	40	ne.	9	15	10	6	4.5	....	....
Williston	1,872	40	47	28.01	29.99	+ .06	54.6	+ 0.3	85	27	67	23	12	42	39	46	39	60	1.19	− 1.1	8	7,128	se.	39	nw.	5	11	10	10	5.3	0.5	....
Upper Mississippi Valley.							64.3	+ 2.3										63	2.68	− 1.5										4.4		
Minneapolis	918	10	208	.....	.....	.....	60.4	.....	93	26	70	33	11	51	28	....	....	....	1.80	− 2.1	9	9,280	s.	42	ne.	11	11	8	12	5.3	T.	....
St. Paul	837	201	236	29.13	30.04	+ .10	59.9	+ 1.7	92	26	70	33	11	50	29	52	45	63	1.48	− 2.1	9	10,096	sw.	48	nw.	26	10	12	9	5.1	....	....
La Crosse	714	11	48	29.30	30.07	+ .13	61.4	+ 1.9	92	26	72	36	15	51	32	....	....	....	2.66	− 1.1	8	4,175	s.	18	s.	25	7	13	11	5.9	....	....
Madison	974	70	78	29.05	30.09	+ .13	60.3	+ 2.7	87	26	70	35	12	51	31	53	47	64	5.97	+ 2.4	13	7,035	sw.	42	w.	11	9	14	8	5.2	....	....
Charles City	1,015	10	49	28.99	30.07	+ .13	59.9	+ 0.4	89	26	72	33	15	48	34	54	50	73	5.35	+ 0.4	12	5,826	s.	28	sw.	25	12	12	7	4.6	....	....
Davenport	606	71	79	29.42	30.08	+ .13	64.3	+ 2.8	91	27	75	38	12	54	31	55	48	60	1.40	− 2.8	9	5,852	sw.	30	e.	11	15	10	6	4.5	....	....
Des Moines	861	84	97	29.15	30.05	+ .12	64.0	+ 2.4	92	26	75	38	12	53	34	56	50	63	4.83	+ 0.3	12	6,560	s.	36	sw.	3	12	9	10	5.1	....	....
Dubuque	698	81	96	29.34	30.09	+ .14	62.6	+ 1.8	91	26	73	38	12	52	30	54	48	62	4.64	+ 0.3	14	4,929	s.	30	w.	25	11	12	8	4.8	....	....
Keokuk	614	64	78	29.42	30.09	+ .15	65.8	+ 2.6	91	27	76	40	12	55	33	58	52	65	1.73	− 2.5	10	5,291	s.	29	sw.	21	16	12	3	3.8	....	....
Cairo	356	87	93	29.73	30.11	+ .15	69.2	+ 1.7	92	29	79	44	1	59	27	61	57	68	2.66	− 1.2	4	5,846	s.	30	nw.	7	14	11	6	4.6	....	....
Peoria	609	11	45	29.44	30.11	+ .15	65.0	+ 3.3	93	28	77	37	1	53	40	56	51	65	2.28	− 2.0	8	4,957	s.	31	sw.	3	20	9	2	2.7	....	....
Springfield, Ill	644	10	91	29.42	30.10	+ .15	67.2	+ 3.7	93	27	79	38	1	56	32	57	50	58	1.11	− 3.4	9	6,388	s.	29	nw.	7	18	8	5	3.5	....	....
Hannibal	534	74	109	29.53	30.10	+ .16	66.7	+ 2.3	91	27	78	40	1	56	33	....	....	....	0.95	− 4.0	5	6,557	sw.	39	sw.	11	18	10	3	3.7	....	....
St. Louis	567	265	303	29.50	30.10	+ .15	69.4	+ 2.9	92	27	80	44	1	59	25	58	51	56	0.69	− 3.6	7	9,950	s.	48	sw.	5	21	8	2	3.2	....	....
Missouri Valley.							63.1	+ 1.1										65	3.03	− 1.2										5.1		
Columbia, Mo.	781	11	84	29.28	30.10	+ .16	66.9	+ 2.4	91	26	78	40	9	56	38	....	....	....	1.37	− 3.5	7	5,618	s.	37	sw.	3	6	14	11	5.8	....	....
Kansas City	963	161	181	29.05	30.08	+ .16	66.8	+ 2.3	88	26	76	42	12	58	38	58	51	62	0.70	− 4.4	8	8,957	s.	38	nw.	7	8	20	3	4.8	....	....
St. Joseph	967	11	49	29.04	30.07	.....	66.2	.....	92	26	77	40	14	56	39	57	51	63	0.55	.....	5	6,654	s.	30	nw.	7	13	12	6	4.5	....	....
Springfield, Mo.	1,324	98	104	28.72	30.12	+ .19	65.6	+ 1.0	87	31	75	40	13	56	33	57	52	67	3.55	− 2.0	6	7,070	s.	39	sw.	4	13	14	4	4.0	....	....
Iola	984	11	50	29.04	30.08	+ .16	65.6	+ 1.1	88	31	76	38	14	55	37	....	....	....	5.84	+ 0.8	13	5,429	s.	31	se.	2	10	15	6	5.1	....	....
Topeka	983	85	101	.....	.....	.....	65.2	+ 0.2	90	26	75	37	13	55	40	....	....	....	1.60	− 3.3	7	8,106	s.	37	sw.	10	9	17	5	5.1	....	....
Lincoln	1,189	11	84	28.78	30.03	+ .12	64.2	+ 1.3	94	25	75	34	13	53	38	56	50	66	4.20	0.0	7	8,525	s.	39	ne.	27	10	14	7	5.0	....	....
Omaha	1,105	115	121	28.87	30.04	+ .12	64.4	+ 1.9	93	25	75	36	12	54	37	56	50	62	2.16	− 2.3	9	6,204	s.	38	nw.	11	9	16	6	5.4	....	....
Valentine	2,598	47	54	27.33	30.04	+ .14	57.6	− 0.3	88	24	69	29	8	46	41	50	44	67	1.59	− 1.7	10	8,803	s.	52	sw.	25	13	7	11	5.0	T.	....
Sioux City	1,135	94	164	28.83	30.03	+ .11	62.0	+ 1.2	95	26	73	35	12	51	37	54	48	64	3.47	− 0.9	11	10,728	s.	51	n.	23	11	13	7	5.2	....	....
Huron	1,306	56	67	28.66	30.06	+ .14	58.0	+ 0.7	85	26	69	31	12	47	34	51	46	68	5.83	+ 2.9	13	9,715	se.	44	w.	5	14	9	8	4.6	....	....
Pierre	1,572	70	75	28.39	30.05	+ .14	59.0	− 0.3	86	30	69	32	13	49	37	51	44	62	3.54	+ 1.4	11	8,550	e.	48	w.	5	12	9	10	5.3	....	....
Yankton	1,233	49	57	28.72	30.02	+ .10	61.4	+ 1.4	95	26	72	35	12	50	37	....	....	....	2.52	− 1.4	10	6,957	nw.	34	s.	9	8	12	11	6.2	....	....

TABLE I.—*Climatological data for United States Weather Bureau stations, May, 1914*—Continued.

Districts and stations.	Elevation of instruments.			Pressure in inches.			Temperature of the air, in degrees Fahrenheit.									Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Precipitation, inches.			Wind.					Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.	Snow on ground at end of month.
	Barometer above sea level, feet.	Thermometer above ground.	Anemometer above ground.	Station, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hours.	Departure from normal.	Mean max.+mean min.÷2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.				Total.	Departure from normal.	Days with 0.01 or more.	Total movement, miles.	Prevailing direction.	Maximum velocity. Miles per hour.	Maximum velocity. Direction.	Maximum velocity. Date.						
Northern Slope.							**54.0**	**+ 1.0**										**62**	**1.42**	**− 0.7**										**5.1**		
Havre	2,505	11	44	27.36	29.99	+ .09	54.7	+ 0.6	87	31	68	24	7	41	45	46	37	59	1.13	− 1.0	8	6,695	nw.	35	w.	8	18	6	7	4.7	T.	....
Helena	4,110	87	114	25.82	30.00	+ .09	52.9	+ 1.3	84	31	65	32	7	41	36	44	36	59	2.30	+ 0.4	10	6,195	s.	39	s.	15	9	14	8	5.4	9.5	....
Kalispell	2,962	11	34	26.94	29.98	+ .05	53.0	+ 2.0	84	31	67	30	6	39	41	44	35	59	0.60	− 1.4	7	3,620	w.	35	w.	27	12	17	2	4.0	....	....
Miles City	2,371	26	48	27.50	30.04	+ .13	57.4	+ 0.7	88	27	70	31	12	45	43	49	41	61	1.38	− 0.6	11	4,948	s.	36	nw.	5	12	14	5	4.3	6.0	....
Rapid City	3,234	46	50	26.64	30.05	+ .15	55.4	+ 1.2	84	24	67	30	11	44	42	48	41	64	1.61	− 1.3	13	6,671	w.	34	s.	15	10	10	11	5.5	T.	....
Cheyenne	6,088	58	64	24.05	29.98	+ .13	51.1	+ 0.1	76	30	62	27	5	40	34	43	37	66	2.10	− 0.3	11	8,292	s.	46	sw.	25	6	16	9	5.9	0.1	....
Lander	5,372	60	68	24.67	29.98	+ .10	54.0	+ 2.0	82	30	68	25	5	40	42	43	34	54	0.38	− 2.5	7	4,425	sw.	42	n.	2	6	20	5	5.3	1.6	....
Sheridan	3,790	10	47	26.14	30.03	.....	52.4	.....	81	8	66	25	7	39	49	46	39	66	3.10	.....	13	5,508	se.	46	sw.	25	8	13	10	5.7	1.4	....
Yellowstone Park	6,200	11	48	23.90	29.99	+ .08	47.9	+ 0.5	78	31	62	23	5	34	41	39	32	63	1.16	− 0.8	15	5,535	s.	37	sw.	25	9	12	10	5.1	0.2	....
North Platte	2,821	11	51	27.14	30.05	+ .17	59.8	+ 0.8	90	26	72	32	8	48	41	52	47	70	2.14	− 0.9	10	6,245	s.	31	n.	11	13	7	11	4.9	....	....
Middle Slope.							**62.6**	**− 0.2**										**68**	**3.60**	**− 0.2**										**5.6**		
Denver	5,291	129	172	24.76	29.98	+ .14	57.4	+ 0.7	84	10	69	32	12	46	41	48	41	62	3.55	+ 1.0	15	5,453	sw.	44	n.	6	10	13	8	5.5	T.	....
Pueblo	4,685	80	86	25.32	29.96	+ .13	60.4	+ 0.9	87	9	72	36	2	48	36	48	39	54	3.51	+ 1.8	12	5,043	se.	34	nw.	22	12	11	8	4.7	....	....
Concordia	1,398	42	50	28.59	30.06	+ .15	64.4	+ 0.7	92	25	75	35	13	54	37	57	52	69	1.70	− 3.0	6	6,235	s.	27	s.	24	4	19	8	6.4	....	....
Dodge	2,509	11	51	27.43	30.01	+ .14	62.8	− 0.7	90	10	72	40	8	53	37	56	52	74	3.47	+ 0.1	12	8,554	se.	35	n.	11	8	14	9	5.7	....	....
Wichita	1,358	139	158	28.62	30.04	+ .14	64.8	− 1.1	86	26	73	39	13	56	37	59	54	73	4.31	− 0.6	12	10,124	s.	44	s.	9	10	13	8	5.0	....	....
Oklahoma	1,214	10	47	28.80	30.07	+ .18	65.8	− 2.3	84	25	74	41	13	58	29	61	58	79	5.07	− 0.7	11	10,441	s.	38	s.	10	5	12	14	6.6	....	....
Southern Slope.							**68.7**	**− 2.0**										**70**	**6.16**	**+ 3.3**										**5.8**		
Abilene	1,738	10	52	28.23	30.02	+ .15	69.2	− 2.7	88	10	78	47	13	60	29	63	60	77	7.53	+ 3.8	14	7,813	se.	44	s.	9	5	8	18	7.3	....	....
Amarillo	3,676	10	49	26.32	30.01	+ .17	63.2	− 1.1	95	10	74	42	12	53	36	56	52	74	4.43	+ 0.8	11	8,416	s.	37	se.	1	15	13	3	4.2	....	....
Del Rio	944	8	57	28.99	29.96	+ .11	75.4	− 1.5	100	5	84	56	13	67	40	....	....	....	8.91	+ 6.0	17	6,364	se.	39	sw.	12	6	15	10	5.9	....	....
Roswell	3,566	75	85	26.39	29.95	+ .13	66.9	− 2.5	90	10	78	48	14	56	38	56	48	59	3.77	+ 2.6	7	6,960	se.	46	se.	26	7	13	11	5.8	....	....
Southern Plateau.							**65.6**	**− 0.4**										**42**	**0.77**	**+ 0.5**										**3.2**		
El Paso	3,762	110	133	.....	29.86	+ .08	71.2	− 0.9	97	9	84	45	2	59	32	....	....	....	1.23	+ 0.9	5	9,986	e.	60	ne.	29	17	9	5	....	....	....
Santa Fe	7,013	57	62	23.30	29.90	+ .09	56.2	− 0.5	78	9	68	32	2	45	32	44	33	49	2.28	+ 1.2	10	6,765	se.	44	sw.	27	7	22	2	4.8	0.2	....
Flagstaff	6,908	8	57	23.36	29.88	+ .10	50.2	− 0.5	80	21	68	20	1	33	44	....	....	....	0.44	.....	3	.....	sw.	37	sw.	22	18	6	7	....	....	....
Phoenix	1,108	76	81	28.68	29.82	+ .04	75.6	+ 0.8	104	21	91	48	1	60	39	54	35	27	T.	0.0	0	4,337	e.	35	s.	31	15	9	7	4.1	....	....
Yuma	141	9	58	29.68	29.82	+ .03	76.8	0.0	106	20	94	53	11	60	43	59	47	43	T.	0.0	0	4,033	sw.	26	sw.	1	30	1	0	0.6	....	....
Independence	3,910	11	42	25.96	29.91	+ .07	63.4	− 1.1	90	29	78	35	1	48	37	50	39	49	0.34	+ 0.2	1	5,045	se.	32	se.	22	22	8	1	3.2	....	....
Middle Plateau.							**59.1**	**+ 2.9**										**46**	**0.69**	**− 0.5**										**4.4**		
Reno	4,532	74	81	25.44	29.90	− .01	58.8	+ 5.2	88	30	74	37	26	44	44	45	35	50	0.11	− 0.7	2	5,288	w.	36	w.	9	16	9	6	3.9	....	....
Tonopah	6,090	12	20	24.03	29.86	.....	58.8	.....	81	29	70	34	1	48	30	44	29	38	0.28	− 1.1	3	6,432	se.	31	se.	14	8	20	3	5.0	....	....
Winnemucca	4,344	18	56	25.58	29.93	+ .02	59.4	+ 5.0	92	30	75	34	5	43	41	46	35	51	0.48	− 0.6	4	4,493	ne.	32	se.	21	15	8	8	4.2	....	....
Modena	5,479	10	43	24.59	29.88	+ .06	56.6	+ 2.1	84	29	72	31	1	41	38	42	28	41	0.85	0.0	4	8,029	sw.	47	sw.	23	8	17	6	5.2	T.	....
Salt Lake City	4,360	147	189	25.58	29.90	+ .04	62.4	+ 4.1	86	30	74	37	1	51	32	49	38	45	0.89	− 1.1	7	6,116	nw.	45	sw.	19	20	10	1	3.4	....	....
Durango	6,546	18	56	23.69	29.94	+ .12	54.6	− 0.4	81	21	71	32	3	39	43	42	34	57	1.62	+ 0.5	10	4,430	nw.	28	ne.	4	11	16	4	4.4	....	....
Grand Junction	4,602	43	51	25.36	29.91	+ .08	62.8	+ 1.2	87	31	76	38	2	50	34	48	35	43	0.62	− 0.3	8	6,308	se.	42	sw.	22	12	14	5	4.4	....	....
Northern Plateau.							**59.4**	**+ 2.5**										**53**	**0.91**	**− 0.8**										**4.5**		
Baker	3,471	48	53	26.74	30.01	+ .05	54.8	+ 4.1	85	30	69	27	5	41	41	45	36	57	0.87	− 0.9	5	4,687	s.	28	sw.	8	15	13	3	3.6	....	....
Boise	2,739	78	86	27.12	29.96	+ .02	61.2	+ 3.6	93	31	75	35	5	48	39	49	37	49	0.51	− 0.8	5	4,133	nw.	34	sw.	21	14	9	8	4.5	....	....
Lewiston	757	40	48	29.18	29.98	+ .02	62.4	+ 1.6	94	31	77	38	5	48	41	....	....	....	1.15	− 0.5	9	2,580	ne.	33	n.	10	13	14	4	4.1	....	....
Pocatello	4,477	46	54	25.45	29.93	+ .04	57.4	+ 1.9	88	31	71	28	5	44	44	46	35	53	1.32	− 0.9	11	5,185	se.	36	sw.	9	11	11	9	5.0	T.	....
Spokane	1,929	101	110	27.95	29.98	+ .02	58.5	+ 2.4	89	31	71	37	5	46	37	48	38	54	0.63	− 1.0	9	4,528	sw.	32	sw.	8	7	13	11	5.5	....	....
Walla Walla	1,000	107	115	28.92	29.99	+ .03	62.2	+ 1.5	90	31	75	39	5	50	37	51	40	50	0.98	− 0.8	8	3,629	s.	26	w.	3	16	7	8	4.3	....	....
North Pacific Coast Region.							**55.7**	**+ 2.5**										**74**	**1.17**	**− 1.4**										**4.9**		
North Head	211	11	56	29.84	30.07	+ .04	52.6	+ 1.4	80	21	56	46	28	49	24	50	48	87	1.71	− 0.7	11	13,527	nw.	48	nw.	14	10	12	9	5.2	....	....
Port Crescent	259	8	53	29.80	30.08	+ .06	50.3	+ 1.2	82	22	61	31	16	40	37	....	....	....	0.53	− 1.8	7	3,742	nw.	14	e.	21	11	14	6	4.8	....	....
Seattle	125	215	250	29.93	30.06	+ .05	57.3	+ 2.3	78	22	66	43	28	49	26	52	47	73	0.74	− 1.6	6	7,004	n.	28	ne.	27	10	10	11	5.6	....	....
Tacoma	213	113	120	29.83	30.05	+ .03	56.8	+ 2.3	77	22	66	40	28	48	26	51	46	70	1.00	− 1.5	9	5,446	n.	25	sw.	3	10	12	9	5.5	....	....
Tatoosh Island	86	7	57	29.96	30.06	+ .05	52.0	+ 2.4	79	21	56	44	27	47	26	49	47	86	1.90	− 2.2	9	9,354	s.	40	ne.	21	13	6	12	5.2	....	....
Portland, Oreg.	153	68	106	29.86	30.02	− .01	61.1	+ 4.3	87	13	72	40	4	51	32	52	45	62	1.22	− 1.1	9	4,992	nw.	24	w.	3	15	8	8	4.3	....	....
Roseburg	510	9	57	29.47	30.02	− .01	59.7	+ 3.7	92	21	74	34	4	45	42	51	44	66	1.06	− 1.0	8	2,264	n.	24	ne.	21	15	14	2	3.5	....	....
Middle Pacific Coast Region.							**58.3**	**+ 0.7**										**72**	**0.50**	**− 0.8**										**4.6**		
Eureka	62	72	89	29.98	30.05	.00	53.0	+ 0.9	73	22	57	42	5	49	22	50	48	86	0.70	− 1.8	8	5,026	n.	30	n.	27	5	12	14	6.6	....	....
Mount Tamalpais	2,375	11	18	27.53	29.99	− .01	55.1	+ 1.4	79	31	62	42	21	48	26	48	41	66	0.76	− 0.8	7	9,191	nw.	49	sw.	22	17	6	8	4.3	....	....
Point Reyes Light	490	7	18	29.45	29.97	.....	52.3	+ 0.7	62	8	55	46	6	49	13	....	....	....	0.38	.....	7	13,759	nw.	65	nw.	27	3	10	18	7.7	....	....
Red Bluff	332	50	56	29.57	29.92	− .03	68.2	+ 1.7	101	30	81	50	7	56	37	56	48	56	0.47	− 0.8	3	3,376	se.	17	n.	28	19	9	3	3.1	....	....
Sacramento	69	106	117	29.88	29.95	+ .01	62.8	− 0.1	90	29	74	48	5	52	34	56	50	69	0.50	− 0.5	2	6,419	s.	28	s.	14	26	2	3	2.3	....	....
San Francisco	155	200	204	29.83	30.00	+ .01	56.2	+ 0.7	71	11	61	48	6	51	19	51	49	81	0.37	− 0.4	5	7,519	w.	31	w.	30	12	9	10	4.8	....	....
San Jose	141	12	110	29.85	30.00	.....	60.4	− 0.3	85	29	71	42	28	50	38	....	....	....	0.19	− 0.5	4	4,450	nw.	24	s.	22	17	11	3	3.6	....	....
South Pacific Coast Region.							**61.8**	**+ 0.2**										**72**	**0.14**	**− 0.4**										**5.2**		
Fresno	327	89	98	29.58	29.94	+ .02	68.8	+ 0.4	99	31	83	49	10	55	37	55	45	51	T.	− 0.6	0	6,313	nw.	27	nw.	13	20	9	2	3.1	....	....
Los Angeles	338	159	191	29.63	30.00	+ .05	60.3	− 0.2	73	11	67	48	2	53	23	55	52	80	0.43	0.0	2	3,854	s.	19	w.	25	7	11	13	6.3	....	....
San Diego	87	62	70	29.90	29.99	+ .04	60.2	− 0.6	69	25	64	50	1	56	14	55	53	80	0.08	− 0.3	1	4,866	w.	22	w.	9	8	15	8	5.8	....	....
San Luis Obispo	201	47	54	29.82	30.04	+ .04	58.0	+ 1.3	79	11	67	41	2	49	32	52	49	79	0.06	− 0.8	3	3,954	nw.	22	nw.	8	7	14	10	5.7	....	....
West Indies.																																
San Juan	82	8	54	29.93	30.01	+ .02	77.8	.....	89	2	83	71	6	73	16	....	....	....	13.50	+ 8.8	27	8,924	e.	36	ne.	5	7	18	6	5.4	....	....
Panama.																																
Ancon	92	6	69	29.71	29.81	.....	82.0	.....	95	18	90	71	27	74	19	76	75	86	6.98	− 1.6	19	5,348	nw.	22	s	13	0	8	23	8.0	....	....
Culebra	404	5	62	29.42	29.83	.....	81.4	.....	94	19	89	71	3	74	22	75	74	88	13.26	− 3.2	16	5,515	nw.	25	ne.	13	0	6	25	8.5	....	....
Colon	10	5	71	29.83	29.84	.....	81.7	.....	88	21	86	72	7	78	12	78	76	86	17.76	+ 1.6	19	8,161	n.	28	ne.	9	1	15	15	7.1	....	....

TABLE II.—*Accumulated amounts of precipitation for each 5 minutes, for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes, or 0.80 in 1 hour, during May, 1914, at all stations furnished with self-registering gages.*

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive rate began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Abilene, Tex.	26	7.08 p.m.	D. N. p.m.	1.94	10.52 p.m.	11.25 p.m.	0.39	0.22	0.57	0.72	0.87	1.10	1.37	1.50							
Albany, N. Y.	12			0.99														0.22			
Alpena, Mich.	29	3.20 p.m.	5.45 p.m.	1.18	3.20 p.m.	3.35 p.m.	.00	.41	.94	1.04											
Amarillo, Tex.	16–17	7.07 p.m.	5.15 a.m.	1.60	2.20 a.m.	3.09 a.m.	.13	.11	.25	.43	.60	.69	.79	.92	1.04	1.10					
Anniston, Ala.	7			0.50														.45			
Asheville, N. C.	5			0.32														.21			
Atlanta, Ga.	7			0.16														.14			
Atlantic City, N. J.	8			0.44														.21			
Augusta, Ga.	5			0.03														.03			
Baker, Oreg.	21			0.50														.19			
Baltimore, Md.	5			0.75														.32			
Bentonville, Ark.	11			0.56														.33			
Binghamton, N. Y.	4			0.46														.46			
Birmingham, Ala.	7			0.50														.45			
Bismarck, N. Dak.	4			1.33														.52			
Block Island, R. I.	5			2.22														.59			
Boise, Idaho	24–25			0.37														.10			
Boston, Mass.	5			1.29														.32			
Buffalo, N. Y.	4			0.61														.50			
Burlington, Vt.	23			0.09														.08			
Cairo, Ill.	4	7.00 p.m.	8.30 p.m.	0.81	7.20 p.m.	8.01 p.m.	.01	.07	.13	.25	.48	.55	.58	.62	.73	.78					
Canton, N. Y.	31			0.36														.26			
Charles City, Iowa	24			2.45														.63			
Charleston, S. C.	14			0.50														.40			
Charlotte, N. C.	5			0.34														.30			
Chattanooga, Tenn.	5			0.28														.27			
Cheyenne, Wyo.	18			0.39														.34			
Chicago, Ill.	27			0.70														.59			
Cincinnati, Ohio	4			0.70														.27			
Cleveland, Ohio	11–12	9.09 p.m.	7.30 a.m.	1.84	9.13 p.m.	9.38 p.m.	.01	.27	.61	.69	.76	.81									
Columbia, Mo.	11			0.97														.61			
Columbia, S. C.	7			0.27														.27			
Columbus, Ohio	4			0.47														.25			
Concord, N. H.	5–6			0.69														(*)			
Concordia, Kans.	21	2.20 a.m.	4.45 a.m.	0.75	2.35 a.m.	2.55 a.m.	.02	.12	.37	.46	.55										
Corpus Christi, Tex.	18	8.33 a.m.	12.50 p.m.	1.20	10.00 a.m.	10.35 a.m.	.18	.12	.28	.45	.55	.65	.72	.78							
Dallas, Tex.	4	4.50 a.m.	8.20 a.m.	2.12	5.03 a.m.	6.36 a.m.	.02	.19	.33	.35	.35	.38	.42	.45	.53	.63	.80	1.06	1.69	1.85	
Do.	27	6.30 a.m.	9.35 a.m.	1.36	8.27 a.m.	9.07 a.m.	.01	.22	.33	.37	.59	.67	.87	1.07	1.21						
Do.	29	10.30 a.m.	7.15 p.m.	1.10	11.25 a.m.	11.54 a.m.	.01	.11	.29	.44	.52	.55	.63								
Davenport, Iowa	11			0.68														.28			
Dayton, Ohio	7			0.22														.20			
Del Rio, Tex.	18	12.40 a.m.	3.50 a.m.	1.98	2.15 a.m.	3.15 a.m.	.04	.09	.16	.26	.45	.76	.99	1.17	1.38	1.58	1.75	1.85			
	20	5.50 a.m.	11.50 a.m.	2.10	10.07 a.m.	11.45 a.m.	.39	.10	.21	.34	.49	.62	.75	.82	.85	.87	.88	.98	1.44	1.68	
	24–25	11.50 p.m.	5.15 a.m.	1.78	12.28 a.m.	1.26 a.m.	.06	.14	.24	.30	.49	.87	1.15	1.31	1.39	1.44	1.46	1.63			
Denver, Colo.	21	4.03 p.m.	4.55 p.m.	0.86	4.14 p.m.	4.31 p.m.	.01	.13	.47	.83	.85										
		5.32 p.m.	7.50 p.m.	1.08	5.38 p.m.	6.13 p.m.	.01	.06	.17	.27	.51	.66	.84	.90							
Des Moines, Iowa	10	9.17 p.m.	D. N. p.m.	1.27	9.39 p.m.	10.04 p.m.	.01	.14	.44	.83	1.04	1.22									
	11	1.30 a.m.	2.05 a.m.	1.27	1.36 a.m.	1.57 a.m.	.01	.11	.45	.97	1.21										
	23	6.25 p.m.	8.05 p.m.	1.46	6.42 p.m.	7.11 p.m.	.01	.46	.80	.94	1.05	1.17	1.32								
Detroit, Mich.	11			1.91														.37			
Devils Lake, N. Dak.	2			0.34														.12			
Dodge City, Kans.	1			2.15														.54			
Dubuque, Iowa	3	4.20 p.m.	8.37 p.m.	0.74	6.48 p.m.	7.00 p.m.	.11	.19	.49	.56											
	25	9.40 p.m.	11.10 p.m.	0.76	9.46 p.m.	10.01 p.m.	.01	.28	.45	.68											
Duluth, Minn.	28	8.25 a.m.	D.N. p.m.	2.42	7.00 p.m.	8.03 p.m.	1.20	.05	.14	.21	.30	.32	.34	.34	.52	.83	.97	1.05	1.12		
Durango, Colo.	15			1.00														(*)			
Eastport, Me.	23			0.14														.14			
Elkins, W. Va.	5			1.02														.26			
El Paso, Tex.	(‡)																				
Erie, Pa.	5			2.74														.70			
Escanaba, Mich.	29			0.14														.11			
Eureka, Cal.	24			0.55														.19			
Evansville, Ind.	5–6			0.75														.50			
Flagstaff, Ariz.	30			0.31														(*)			
Fort Smith, Ark.	4	D. N. a.m.	5.18 a.m.	1.10	2.56 a.m.	4.02 a.m.	.04	.18	.29	.39	.53	.55	.57	.61	.65	.68	.71	.89	1.00		
	19	D. N. a.m.	1.10 p.m.	1.34	6.15 a.m.	6.56 a.m.	.36	.14	.24	.33	.39	.47	.56	.59	.65	.68					
Fort Wayne, Ind.	11	4.50 a.m.	7.45 a.m.	0.79	5.24 a.m.	5.44 a.m.	.02	.31	.48	.54	.59										
Fort Worth, Tex.	20	2.11 p.m.	11.50 p.m.	1.40	9.19 p.m.	9.40 p.m.	.70	.13	.27	.44	.55	.58									
	29–30	12.06 p.m.	1.10 a.m.	2.63	12.28 p.m.	1.42 p.m.	.01	.18	.26	.30	.31	.31	.34	.61	.83	1.11	1.19	1.25	1.52		
Fresno, Cal.	25			T.														T.			
Galveston, Tex.	19	6.55 a.m.	10.45 a.m.	1.48	9.19 a.m.	9.50 a.m.	.31	.14	.46	.73	.89	1.00	1.09	1.13							
	29	10.25 a.m.	6.00 p.m.	2.81	11.07 a.m.	12.41 p.m.	.01	.14	.18	.30	.40	.46	.58	.68	.78	.83	.89	1.11	1.32	1.48	
Grand Haven, Mich.	24			1.21														.45			
Grand Junction, Colo.	22			0.25														.21			
Grand Rapids, Mich.	11			1.16														.30			
Green Bay, Wis.	21			2.45														.48			
Hannibal, Mo.	28			0.41														.34			
Harrisburg, Pa.	4	6.55 p.m.	D. N. p.m.	0.61	7.08 p.m.	7.33 p.m.	.01	.06	.12	.21	.43	.52									
Hartford, Conn.	12			0.72														.46			
Hatteras, N. C.	5			0.46														.32			
Havre, Mont.	8–9			0.49														.41			
Helena, Mont.	10			1.45														.18			
Houghton, Mich.	28			0.47														.39			
Houston, Tex.	12–13	12.20 p.m.	D. N. a.m.	5.15	1.09 p.m.	2.38 p.m.	.27	.10	.24	.38	.62	1.00	1.18	1.42	1.75	1.99	2.16	2.40	2.84	3.14	
Do.	27	8.58 a.m.	2.20 p.m.	1.38	9.47 a.m.	10.13 a.m.	.07	.19	.28	.32	.47	.62	.67								
Do.	27–28	9.05 p.m.	D. N. a.m.	2.90	9.59 p.m.	10.54 p.m.	.32	.07	.12	.24	.78	1.24	1.56	1.85	2.01	2.02	2.09	2.20			
					10.21 p.m.	11.11 p.m.	.19	.09	.16	.18	.20	.32	.40	.51	.58	.68	.94				
Do.	28–29	9.10 p.m.	D. N. a.m.	3.18	11.11 p.m.	12.01 a.m.		1.06	1.15	1.26	1.39	1.50	1.59	1.71	1.81	1.84	1.95				
					12.01 a.m.	12.31 a.m.		2.02	2.17	2.41	2.58	2.73	2.82	2.85							
Huron, S. Dak.	20–21	5.47 p.m.	D. N. a.m.	2.70	6.04 p.m.	7.07 p.m.	.08	.09	.29	.45	.59	.69	.82	1.10	1.40	1.63	1.77	1.97	2.10		
Independence, Cal.	Apr. 30–May 1			0.38														(*)			
Indianapolis, Ind.	4			0.98														.73			
Iola, Kans.	11	4.15 p.m.	8.50 p.m.	1.09	4.46 p.m.	5.15 p.m.	.04	.09	.20	.34	.48	.61	.73								
	21	2.56 p.m.	7.48 p.m.	1.83	3.36 p.m.	4.16 p.m.	.03	.14	.38	.67	.88	1.16	1.29	1.34	1.40						
	29	12.40 p.m.	3.06 p.m.	0.69	1.20 p.m.	1.50 p.m.	.01	.09	.19	.25	.34	.45	.55								
Jacksonville, Fla.	18	12.50 p.m.	4.40 p.m.	0.75	1.49 p.m.	2.06 p.m.	.13	.13	.35	.50	.54										
Kalispell, Mont.	23			0.23														.14			

TABLE II.—*Accumulated amounts of precipitation for each 5 minutes, for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes, or 0.80 in 1 hour, during May, 1914, at all stations furnished with self-registering gages*—Continued.

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive rate began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Kansas City, Mo.	2			0.19														.16			
Keokuk, Iowa.	9			0.49														.49			
Key West, Fla.	20			1.05														.47			
Knoxville, Tenn.	5			0.72														.53			
La Crosse, Wis.	21			1.05														.48			
Lander, Wyo.	11			0.19														(*)			
Lansing, Mich.	27	6.08 a. m.	8.45 a. m.	0.65	6.16 a. m.	6.29 a. m.	.01	.14	.45	.52											
Lewiston, Idaho.	22			0.45														.45			
Lexington, Ky.	4			0.81														.39			
Lincoln, Nebr.	26–27	11.50 p. m.	3.30 a. m.	2.90	11.57 p. m.	12.46 a. m.	.02	.28	.72	.96	1.31	1.53	1.89	2.07	2.39	2.47	2.72				
Little Rock, Ark.	4			1.94														.56			
Los Angeles, Cal.	1			0.42														.22			
Louisville, Ky.	4			0.37														.14			
Ludington, Mich.	21			0.97														.53			
Lynchburg, Va.	5			0.40														.14			
Macon, Ga.	5			0.26														.26			
Madison, Wis.	3	6.10 p. m.	9.40 p. m.	1.26	6.59 p. m.	7.38 p. m.	.12	.12	.26	.34	.41	.49	.67	.75	.81						
	27–28	8.35 p. m.	D. N. a. m.	1.10	8.37 p. m.	9.17 p. m.	.01	.08	.24	.33	.46	.64	.77	.84	.90						
Marquette, Mich.	25			0.33														.29			
Memphis, Tenn.	4	10.00 a. m.	8.45 p. m.	4.28	11.59 a. m.	12.26 p. m.	.17	.11	.39	.57	.59	.69	.73								
					1.17 p. m.	3.10 p. m.	.98	.08	.15	.35	.48	.59	.74	.83	.86	.92	.98	1.20	1.40	1.78	2.08
Meridian, Miss.	17			0.42														.39			
Miami, Fla.	14			0.64														.22			
Milwaukee, Wis.	27			0.87														.71			
Minneapolis, Minn.	3			0.60														.27			
Mobile, Ala.	27			0.17														.16			
Modena, Utah.	31			0.48														.45			
Montgomery, Ala.	7			0.45														.37			
Moorhead, Minn.	28			0.34														.20			
Mount Tamalpais, Cal.	22			0.19														.05			
Mount Weather, Va.	5			0.62														.20			
Nantucket, Mass.	8			0.91														.45			
Nashville, Tenn.	4	6.00 a. m.	8.25 a. m.	0.56	7.49 a. m.	8.14 a. m.	.05	.10	.16	.24	.40	.51									
	4–5	3.25 p. m.	6.40 a. m.	1.94	9.59 a. m.	10.33 p. m.	.53	.43	.64	.77	.91	1.04	1.18	1.25							
New Haven, Conn.	12			0.68														.29			
New Orleans, La.	27			0.14														.08			
New York, N. Y.	11			0.73														.52			
Norfolk, Va.	9	11.30 a. m.	3.10 p. m.	0.88	1.22 p. m.	1.52 p. m.	.17	.10	.23	.46	.56	.59	.66								
Northfield, Vt.	30			0.19														.11			
North Head, Wash.	9			0.41														.17			
North Platte, Nebr.	19			0.68														.63			
Oklahoma, Okla.	2			0.96														.60			
Omaha, Nebr.	28–29	11.20 p. m.	D. N. a. m.	0.95	11.46 p. m.	12.11 a. m.	.04	.13	.23	.34	.58	.72									
Oswego, N. Y.	5			0.66														.23			
Palestine, Tex.	3	11.35 a. m.	2.15 p. m.	0.91	1.22 p. m.	1.51 p. m.	.11	.15	.37	.48	.61	.72	.77								
	3	2.25 p. m.	9.10 p. m.	1.29	2.31 p. m.	2.47 p. m.	.01	.09	.36	.61	.63										
	7	12.25 p. m.	2.35 p. m.	0.76	12.50 p. m.	1.07 p. m.	.02	.28	.41	.57	.60										
Parkersburg, W. Va.	5			0.93														.20			
Pensacola, Fla.	5			0.09														.08			
Peoria, Ill.	11–12			1.32														.49			
Philadelphia, Pa.	5			0.63														.24			
Phoenix, Ariz.	22			T.														T.			
Pierre, S. Dak.	22			1.45														.97			
Pittsburgh, Pa.	12			0.69														.52			
Pocatello, Idaho.	15			0.34														.17			
Point Reyes Light, Cal.	7			0.17														.07			
Port Huron, Mich.	4			0.23														.19			
Portland, Me.	8–9			1.11														.25			
Portland, Oreg.	13			0.28														.27			
Providence, R. I.	5			1.15														.18			
Pueblo, Colo.	May 31–June 1	6.20 p. m.	2.30 a. m.	1.72	10.50 p. m.	11.15 p. m.	.33	.18	.36	.55	.88	.97									
Raleigh, N. C.	5			0.50														.21			
Rapid City, S. Dak.	17			0.39														.39			
Reading, Pa.	5			0.57														.15			
Red Bluff, Cal.	9			0.31														.23			
Reno, Nev.	22			0.06														.05			
Richmond, Va.	30			0.93														.83			
Rochester, N. Y.	12			0.68														.22			
Roseburg, Oreg.	7			0.34														.29			
Roswell, N. Mex.	23	9.10 p. m.	9.40 p. m.	0.65	9.21 p. m.	9.35 p. m.	.01	.20	.40†	.60†											
	26	4.00 p. m.	6.05 p. m.	1.31	4.10 p. m.	4.40 p. m.	.01	.18	.47	.56	.66	.89	1.23								
Sacramento, Cal.	23			0.28														.14			
Saginaw, Mich.	27			0.66														.55			
St. Joseph, Mo.	27			0.27														.13			
St. Louis, Mo.	5			0.42														.27			
St. Paul, Minn.	11			0.45														.17			
Salt Lake City, Utah.	19			0.35														.23			
San Antonio, Tex.	12	5.10 p. m.	9.15 p. m.	1.92	7.11 p. m.	7.59 p. m.	.30	.13	.42	.68	.88	1.08	1.22	1.33	1.40	1.51	1.58				
	20–21	12.42 p. m.	7.30 a. m.	1.83	4.36 a. m.	5.41 a. m.	.69	.16	.38	.47	.51	.53	.56	.59	.67	.76	.87	.99	1.08		
San Diego, Cal.	1			0.08														.05			
Sand Key, Fla.	24			1.25														.63			
Sandusky, Ohio.	11			1.28														.56			
San Francisco, Cal.	22			0.24														.13			
San Jose, Cal.	25			0.05														.05			
San Luis Obispo, Cal.	4			0.02														.01			
Santa Fe, N. Mex.	May 31–June 1			0.77														(*)			
Sault Ste. Marie, Mich.	21			0.37														.19			
Savannah, Ga.	7			0.40														.36			
Scranton, Pa.	26			0.43														.42			
Seattle, Wash.	27			0.36														.20			
Sheridan, Wyo.	9			0.37														.37			
Shreveport, La.	4	10.50 a. m.	2.50 p. m.	1.64	1.04 p. m.	2.00 p. m.	.53	.15	.16	.18	.18	.20	.47	.51	.52	.65	.77	.87			
Sioux City, Iowa.	28			0.99														.58			
Spokane, Wash.	27			0.21														.15			
Springfield, Ill.	5			0.46														.25			

TABLE II.—*Accumulated amounts of precipitation for each 5 minutes, for the principal storms in which the rate of fall equaled or exceeded 0.25 inch in any 5 minutes, or 0.80 in 1 hour, during May, 1914, at all stations furnished with self-registering gages*—Continued.

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive rate began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Springfield, Mo	4			1.54														1.10			
Syracuse, N. Y	4			0.42														.36			
Tacoma, Wash	13			0.21														.13			
Tampa, Fla	26	12.29 p. m.	3.05 p. m.	0.81	12.49 p. m.	1.09 p. m.	.12	.20	.47	.56	.63										
Tatoosh Island, Wash	24			0.71														.40			
Taylor, Tex	2	3.08 p. m.	6.38 p. m.	1.03	4.04 p. m.	4.18 p. m.	.30	.23	.51	.63											
	26	3.02 p. m.	6.39 p. m.	1.66	4.06 p. m.	4.43 p. m.	.17	.10	.21	.31	.46	.79	1.01	1.12	1.17						
Terre Haute, Ind	5			0.40														.23			
Thomasville, Ga	7	2.05 p. m.	5.25 p. m.	0.86	2.32 p. m.	2.52 p. m.	T.	.13	.37	.49	.62										
Toledo, Ohio	11	4.25 p. m.	9.00 p. m.	1.50	6.31 p. m.	7.31 p. m.	.02	.08	.15	.26	.44	.62	.73	.75	.79	1.03	1.21	1.34			
Tonopah, Nev	23			0.24														.17			
Topeka, Kans	2			0.50														.28			
Valentine, Nebr	24			0.33														.27			
Vicksburg, Miss	25			0.24														.24			
Walla Walla, Wash	27			0.34														.16			
Washington, D. C	27			0.74														.45			
Wichita, Kans	2	1.45 a. m.	11.15 a. m.	2.46	7.19 a. m.	8.25 a. m.	.96	.22	.36	.44	.48	.57	.59	.60	.64	.67	.70	.94	1.13		
Williston, N. Dak	18			0.23														.20			
Wilmington, N. C	14			0.07														.05			
Winnemucca, Nev	20			0.24														.19			
Wytheville, Va	5			0.96														.29			
Yankton, S. Dak	19–20	9.20 p. m.	6.25 a. m.	1.40	9.23 p. m.	9.48 p. m.	.01	.12	.30	.43	.53	.62									
Yellowstone Park, Wyo	18–19			0.53														(*)			

* Self-register does not work in freezing weather. † Record partly estimated. ‡ No precipitation occurred during month.

TABLE III.—*Data furnished by the Canadian Meteorological Service, May, 1914.*

Stations.	Pressure.			Temperature.						Precipitation.		
	Station reduced to mean of 24 hours.	Sea level reduced to mean of 24 hours.	Departure from normal.	Mean Max. + mean min. ÷ 2.	Departure from normal.	Mean maximum.	Mean minimum.	Highest.	Lowest.	Total.	Departure from normal.	Total snowfall.
	Inches.	*Inches.*	*Inches.*	° *F.*	° *F.*	° *F.*	° *F.*	° *F.*	° *F.*	*Inches.*	*Inches.*	*Inches.*
St. Johns, N. F	29.84	29.98	0.00	44.0	+1.1	50.8	37.3	75	28	3.43	−0.23	
Sydney, C. B. I	29.97	30.01	+ .04	46.7	+1.5	56.5	36.9	75	24	2.98	−0.79	4.0
Halifax, N. S	29.91	30.02	+ .04	49.4	+1.0	60.6	38.3	88	26	4.95	+0.69	1.4
Yarmouth, N. S	29.96	30.03	+ .05	48.0	+0.4	55.5	40.4	74	30	2.98	−0.82	0.4
Charlottetown, P. E. I	29.95	29.99	+ .03	48.2	+1.3	57.0	39.5	73	27	1.79	−1.12	7.0
Chatham, N. B	29.96	29.98	+ .03	51.8	+3.3	63.8	39.7	91	25	2.26	−0.95	0.3
Father Point, Que	29.92	29.94	+ .01	46.2	+2.2	54.8	37.7	74	25	3.43	+0.85	0.5
Quebec, Que	29.66	29.98	+ .04	55.0	+5.1	66.8	43.1	84	26	1.95	−1.13	
Montreal, Que	29.79	29.99	+ .05	58.8	+4.1	68.6	48.9	87	32	1.42	−1.53	
Stonecliffe, Ont	29.42	30.02	+ .09	55.4	+3.1	71.5	39.4	90	25	1.13	−1.38	
Ottawa, Ont	29.76	29.98	+ .04	58.4	+3.5	70.7	46.1	88	33	0.41	−2.18	
Kingston, Ont	29.76	30.07	+ .11	55.0	+2.1	63.3	46.8	77	30	2.28	−0.40	
Toronto, Ont	29.67	30.04	+ .06	58.6	+5.4	69.7	47.4	87	35	1.49	−1.55	
White River, Ont	28.71	30.03	+ .08	48.7	+3.0	65.4	32.0	82	10	0.84	−1.11	
Port Stanley, Ont	29.46	30.10	+ .13	53.7	+0.6	63.3	44.1	75	20	4.29	+1.11	
Southampton, Ont	29.39			53.4	+2.7	64.7	42.1	88	28	1.31	−1.13	
Parry Sound, Ont	29.38	30.08	+ .13	54.5	+3.4	67.0	42.0	81	27	1.51	−1.42	
Port Arthur, Ont	29.32	30.03	+ .07	52.3	+6.4	65.6	39.0	88	28	1.35	−0.80	
Winnipeg, Man	29.16	29.99	+ .03	55.2	+3.6	68.0	42.4	82	22	1.65	−0.63	
Minnedosa, Man	28.18	29.99	+ .03	52.6	+4.2	65.8	39.3	80	23	3.15	+1.70	
Qu'Appelle, Sask	27.71	29.95	+ .01	51.5	+1.7	64.5	38.5	82	20	2.59	+0.94	12.8
Medicine Hat, Alberta	27.67	29.93	+ .04	57.4	+3.3	72.3	42.5	90	26	0.55	−0.76	T.
Swift Current, Sask	27.38	29.95	+0.3	52.8	+2.1	68.5	37.1	86	16	0.17	−1.59	1.0
Calgary, Alberta	26.42	29.94	+ .06	50.8	+1.8	65.3	36.3	82	22	0.52	−1.25	
Banff, Alberta	25.40	29.98	+ .10	45.6	−1.4	58.3	32.9	77	23	1.46	−0.58	0.5
Edmonton, Alberta	27.75	30.04	+ .16	51.1	+0.3	63.2	38.9	78	29	1.81	+0.26	T.
Prince Albert, Sask	28.38	29.93	− .02	52.0	+4.4	65.6	38.5	81	24	2.54	+1.38	8.0
Battleford, Sask	28.22	29.95	+ .03	54.4	+3.4	66.5	42.2	85	27	2.86	+1.24	
Kamloops, B. C	28.76	30.03	+ .14	58.0	−1.1	71.0	44.9	86	35	1.31	+0.07	
Victoria, B. C	29.80	29.89	− .11	55.9	+3.4	64.2	47.6	81	42	0.18	−1.30	
Barkerville, B. C	25.68	29.99	+ .15	43.1	−2.4	54.8	31.3	70	23	3.22	+0.70	
Hamilton, Bermuda	30.02	30.18	+ .12	66.8	−2.6	72.3	61.4	76	54	5.16	+0.50	