CONDENSED CLIMATOLOGICAL SUMMARY.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting the greatest and least monthly precipitation, and other data, as indicated by the several headings.

The mean temperatures for each section, the highest and lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperature and precipitation are based only on records from stations that have 10 or more years of observations. Of course the number of such records is smaller than the total number of stations.

CONDENSED CLIMATOLOGICAL SUMMARY OF TEMPERATURE AND PRECIPITATION BY SECTIONS.

Temperature and precipitation by sections, May, 1912.

Section.	Temperature (°F.).								Precipitation (in 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	72.0	+0.6	Evergreen	103	26	Riverton	38	17	3.60	−0.50	Bermuda	9.66	Lock No. 4	0.61
Arizona	66.7	−1.2	2 stations	110	29	2 stations	16	4†	0.28	+0.06	Yuma	0.90	7 stations	0.00
Arkansas	69.9	+0.6	Lewisville	98	26	Bergman (No. 2)	32	17	2.41	−3.21	Huttig	6.16	Calico Rock	0.50
California	60.7	−1.4	Healdsburg	108	31	Tamarack	8	7	1.92	+0.70	Fordyce Dam	7.01	5 stations	0.00
Colorado	49.8	−0.7	Holyoke	98	30	Long's Peak	0	28	1.57	−0.25	Auldhurst	5.56	Terminal Dam	0.00
Florida	77.7	+2.0	Madison (No. 4)	100	25	Wausau	47	19	5.44	+1.68	Hypoluxo	14.40	Malabar	2.24
Georgia	72.6	+0.8	Valdosta	101	25	Mineral Bluff	37	18	4.08	+0.61	Statesboro	7.94	Putnam	1.70
Hawaii (April)	67.7	.....	Pahala, Hawaii	90	1	Humuula	33	15	7.85	.....	Honomu	38.47	Waiopae Ranch	0.00
Idaho	52.5	−1.5	Sunnyside	90	19	2 stations	12	3	2.15	+0.33	Kooskia	5.06	Buhl	0.43
Illinois	64.8	+2.2	Sycamore	94	23	Lanark	31	13	3.84	−0.12	Martinton	6.58	Aledo	1.78
Indiana	64.4	+2.1	Scottsburg	93	23	Judyville	31	13	4.47	+0.35	Shoals	10.26	Connersville	2.45
Iowa	62.7	+2.6	Pacific Junction	97	26	4 stations	29	14†	3.33	−1.17	Alta (near)	6.41	Atlantic	0.72
Kansas	66.7	+2.8	Leoti	100	26	2 stations	28	14	2.94	−1.15	Burlington	7.31	Lakin	0.19
Kentucky	66.7	+1.0	Bowling Green	97	27	Shelbyville	37	15	4.53	+0.59	Greensburg	7.93	Bardstown	2.18
Louisiana	74.2	+0.5	Laark	104	24	Grand Cane	38	17	6.98	+3.28	New Orleans	16.80	Jena	2.10
Maryland and Delaware	64.2	+1.3	2 stations	92	24	Deer Park, Md	29	15	4.09	+0.53	College Park, Md	6.92	State Sanatorium, Md	1.99
Michigan	55.1	+1.3	Bay City	92	24	Onaway	16	29	5.30	+2.22	Gladwin	11.90	St. Ignace	0.46
Minnesota	55.9	+1.5	Itasca State Park	92	26	Stephens Mine	24	14	4.13	+0.74	Brainerd	10.39	Littlefork	1.30
Mississippi	72.4	+0.2	Brookhaven	99	25	Charleston	40	17	4.41	+0.38	McNeill	10.54	Bay Springs	1.22
Missouri	67.6	+3.1	Caruthersville	97	24	Vandalia	30	16	3.86	−1.26	Louisiana	7.81	Warrensburg	1.16
Montana	50.9	−0.9	Forsyth	94	25	Grayling	16	6	2.99	+0.61	Adel	6.82	Columbia Falls	0.56
Nebraska	61.2	+2.0	Ewing	100	26	3 stations	25	14	1.80	−1.73	Burge	4.75	McCook	0.00
Nevada	54.0	−0.5	Logan	101	29	6 stations	20	4	0.46	−0.48	Rebel Creek	1.40	Carlin	0.00
New England	56.1	+0.8	Orono, Me	89	26	Presque Isle, Me	22	10	5.09	+1.39	Bar Harbor, Me	8.75	Houlton, Me	3.20
New Jersey	62.0	+1.7	Indian Mills	92	21	Layton	31	1	4.09	+0.13	Long Branch	6.47	Phillipsburg	2.79
New Mexico	58.9	−1.0	4 stations	102	26	Elizabethtown	5	15	0.97	−0.12	Valley	4.00	11 stations	0.00
New York	58.4	+1.5	Port Jervis	91	21†	Indian Lake	21	4	4.74	+0.90	Adams Center	9.27	Angelica	1.89
North Carolina	67.5	+0.6	Lumberton	97	25	2 stations	31	10†	4.62	+0.72	Lenoir	10.00	Rocky Mount	1.10
North Dakota	54.2	+1.0	3 stations	90	9†	Broncho	16	10	4.52	+2.15	McLeod	9.13	Lakota	2.29
Ohio	62.5	+1.7	5 stations	91	22†	2 stations	31	13	3.12	−0.51	Green	7.03	Hiram	1.46
Oklahoma	70.9	+3.6	Frederick	106	27	Kenton	32	13	2.95	−2.59	Newkirk	5.93	Beaver	0.70
Oregon	55.3	+0.8	Hood River No. 3	98	14	Crescent	16	22	2.69	+0.13	Welches	6.05	2 stations	0.24
Pennsylvania	61.2	+1.7	2 stations	91	22†	Pocono Lake	28	1	3.15	−0.83	Mountain House	5.99	Beaver Falls	0.99
Porto Rico	76.9	0.0	Canovanas	98	6	2 stations	55	1†	5.19	−2.10	San Sebastian	29.73	Guanica Centrale	0.00
South Carolina	72.4	+1.0	Santuck	101	25	Greenville	43	14	4.08	+0.56	Georgetown	7.80	Little Mountain	1.62
South Dakota	57.1	+1.2	Dowling	95	25	Daviston	21	27	2.35	−0.57	Brookings	6.98	Ardmore	0.80
Tennessee	67.8	+0.9	2 stations	95	24†	Wildersville	34	17	4.05	−0.19	Walling	7.49	Ashwood	1.60
Texas	74.5	+1.4	2 stations	110	28	2 stations	35	4†	2.28	−1.47	Laureles Ranch	14.03	2 stations	0.00
Utah	53.9	−2.0	Hite	96	29	Strawberry (east)	10	5	0.88	−0.35	Manila	2.86	5 stations	0.00
Virginia	64.8	+0.8	Callaville	92	24	Burkes Garden	29	10	4.60	+0.54	Charlottesville	11.54	Norfolk	1.75
Washington	56.9	+1.6	Snohomish	96	13	2 stations	27	1	2.04	−0.06	Dixie	6.18	Lost Creek	0.12
West Virginia	63.3	+0.9	Martinsburg	94	24	Terra Alta	31	15	3.93	−0.19	Pickens	7.50	Wheeling	1.16
Wisconsin	55.8	+1.1	Port Edwards	90	23	Long Lake	21	14	5.86	+2.32	Lake Mills	10.22	Prairie du Chien	3.02
Wyoming	45.9	−1.2	Fort Laramie	89	14	Foxpark	−8	14	1.88	−0.47	Woodrock	5.57	Lolabama Ranch	0.07

† Other dates also.

TABLE I.—*Climatological data for United States Weather Bureau stations, May, 1912.*

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 fom 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.							**55.2**	**+ 0.7**										**77**	**4.77**	**+ 1.4**										**6.3**		
Eastport	76	67	85	29.87	29.95	— .01	49.9	+ 3.0	79	27	57	36	20	43	29	46	43	80	3.93	+ 0.1	13	7,686	s.	31	s.	28	5	10	16	6.8	....	....
Greenville	1,070	6	....	28.79	29.95	.....	50.6	.....	79	28	62	26	1	40	43	....	....	....	6.32	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....
Portland, Me.	103	81	117	29.85	29.97	.00	54.0	+ 0.5	86	24	62	37	20	46	35	48	43	72	3.81	+ 0.1	19	7,648	s.	34	nw.	19	11	4	16	6.3	T.	....
Concord	288	70	79	29.65	29.96	— .02	56.0	+ 0.3	87	24	67	31	1	45	40	....	....	....	4.70	+ 1.5	16	4,387	se.	31	w.	17	6	11	14	6.5	....	....
Burlington	404	11	48	29.50	29.94	— .03	54.4	+ 0.5	82	28	64	32	20	45	31	....	....	....	5.55	+ 2.7	18	7,660	s.	44	s.	23	6	9	16	6.8	T.	....
Northfield	876	16	60	29.00	29.95	— .02	52.4	— 1.1	85	28	64	26	4	41	40	49	44	74	6.87	+ 4.1	15	6,631	s.	29	sw.	28	6	8	17	6.8	1.6	....
Boston	125	115	188	29.83	29.97	— .01	58.6	+ 2.0	86	24	67	42	5	50	31	52	46	68	4.04	+ 0.5	12	8,093	sw.	35	sw.	17	10	8	13	5.8	....	....
Nantucket	12	14	90	29.97	29.98	— .01	53.6	+ 0.6	68	29	59	41	5	48	19	51	49	87	4.19	+ 1.5	10	12,994	sw.	42	ne.	8	12	9	10	5.8	....	....
Block Island	26	11	46	29.94	29.98	— .01	53.2	+ 0.3	68	25	58	40	1	48	18	51	49	91	4.43	+ 0.7	12	12,698	sw.	47	w.	14	8	8	15	6.7	....	....
Narragansett	....	9	....	.....	.....	.....	54.2	— 0.5	75	25	61	32	1	47	24	....	....	....	3.73	.....	13	.....	.....	.....	.....	.....	8	9	14	.....	....	....
Providence	160	141	165	29.80	29.98	.00	57.5	— 1.0	81	24	66	36	1	49	29	52	47	73	3.99	+ 0.5	15	8,270	se.	42	w.	14	8	13	10	5.9	....	....
Hartford	159	122	140	29.79	29.96	— .02	59.8	+ 2.3	87	21	69	38	1	50	41	53	48	72	4.59	+ 1.0	15	6,261	s.	37	sw.	17	7	12	12	6.3	....	....
New Haven	106	116	155	29.84	29.96	— .03	59.0	+ 1.4	80	21	67	39	1	50	30	53	48	73	6.34	+ 2.7	13	7,088	s.	33	sw.	17	9	9	13	6.1	....	....
Middle Atlantic States.							**62.8**	**+ 1.3**										**72**	**3.78**	**+ 0.3**										**4.8**		
Albany	97	102	115	29.84	29.94	— .04	59.6	+ 0.7	85	24	69	38	1	50	32	53	48	71	4.48	+ 1.5	15	6,277	s.	33	s.	28	10	10	11	5.4	....	....
Binghamton	871	78	88	29.02	29.94	— .04	59.0	+ 2.0	85	24	70	32	1	48	36	....	....	....	3.80	+ 0.7	13	5,011	w.	27	sw.	17	8	4	19	7.0	....	....
New York	365	414	454	29.63	29.96	— .03	60.7	+ 1.4	84	21	69	43	1	52	26	54	48	69	3.94	+ 0.8	10	13,422	sw.	57	nw.	13	11	9	11	5.6	....	....
Harrisburg	374	94	104	29.57	29.97	— .01	63.6	+ 1.9	87	24	73	40	1	54	27	56	50	66	2.81	— 0.9	11	5,256	w.	32	w.	13	11	11	9	5.0	....	....
Philadelphia	117	123	184	29.85	29.98	— .01	64.4	+ 2.2	87	21	74	45	14	55	28	56	51	67	5.38	+ 2.2	11	7,550	sw.	32	nw.	9	10	12	9	5.1	....	....
Scranton	805	111	119	29.10	29.96	— .02	61.2	+ 2.4	87	21	71	36	1	51	38	54	49	67	1.44	— 2.0	10	6,151	s.	37	sw.	17	9	11	11	5.7	....	....
Atlantic City	52	37	48	29.93	29.99	+ .01	58.8	+ 1.3	80	25	65	39	1	52	27	54	52	81	3.08	+ 0.1	10	6,541	sw.	26	s.	12	12	10	9	4.7	....	....
Cape May	18	13	49	29.99	30.01	+ .02	60.4	+ 1.8	78	25	67	44	1	53	26	56	53	82	3.34	+ 0.4	9	6,711	s.	28	s.	16	12	12	7	4.5	....	....
Baltimore	123	100	113	29.85	29.98	— .01	65.4	+ 1.2	89	24	75	43	1	56	30	58	52	66	3.30	— 0.3	12	5,296	s.	28	se.	11	16	7	8	3.9	....	....
Washington	112	62	85	29.85	29.97	— .03	65.1	+ 0.9	90	24	76	41	1	54	33	58	53	69	4.84	+ 1.0	9	5,148	s.	36	nw.	13	16	6	9	3.9	....	....
Lynchburg	681	83	88	29.24	29.98	— .02	66.2	+ 0.3	90	24	77	43	14	55	37	59	54	69	4.95	+ 1.0	9	3,146	sw.	24	se.	12	16	11	4	4.5	....	....
Mount Weather	1,725	10	54	28.16	29.95	— .05	60.7	+ 1.2	82	24	69	38	1	53	25	55	52	76	4.77	+ 1.0	14	11,710	nw.	62	nw.	13	13	7	11	5.3	....	....
Norfolk	91	102	111	29.90	30.00	.00	68.5	+ 2.3	89	29	77	47	1	60	32	62	58	73	1.75	— 2.3	14	7,382	s.	36	s.	12	14	10	7	4.2	....	....
Richmond	144	189	197	29.84	29.99	.00	67.0	— 0.3	89	24	78	46	1	56	34	60	56	70	4.59	+ 0.7	12	5,733	s.	28	s.	12	14	10	7	4.2	....	....
Wytheville	2,293	40	47	27.65	29.98	— .01	61.0	— 0.4	83	23	73	38	14	49	40	57	54	83	4.16	+ 0.2	12	3,489	w.	28	w.	13	20	7	4	2.9	....	....
South Atlantic States.							**71.5**	**+ 1.6**										**75**	**4.35**	**+ 0.5**										**4.8**		
Asheville	2,255	53	75	27.69	30.00	+ .01	63.2	+ 0.6	83	24	74	39	14	52	35	56	52	74	2.94	— 0.8	11	5,764	se.	34	nw.	13	12	10	9	4.7	....	....
Charlotte	773	68	76	29.17	30.00	+ .01	69.5	+ 1.1	91	25	79	49	17	60	26	62	57	69	3.14	— 0.8	11	4,449	sw.	26	sw.	16	9	13	9	5.4	....	....
Hatteras	11	12	47	30.00	30.01	.00	68.9	+ 1.8	83	25	74	51	1	63	21	64	62	80	4.04	— 0.1	12	9,727	sw.	54	nw.	25	13	14	4	4.1	....	....
Manteo	12	12	46	.....	.....	.....	68.2	.....	85	29	77	45	1	60	....	....	....	....	6.54	+ 2.5	8	.....	sw.	....	.....	....	20	7	4	....	....	....
Raleigh	376	103	110	29.60	29.99	.00	69.4	+ 1.3	90	24	79	49	1	60	27	62	57	69	4.39	— 0.5	9	6,092	sw.	38	nw.	29	14	8	9	4.5	....	....
Wilmington	78	81	91	29.92	30.00	— .01	70.4	+ 1.3	94	25	78	54	2	63	24	65	62	79	4.76	+ 0.7	12	6,010	sw.	26	s.	12	13	12	6	4.4	....	....
Charleston	48	11	92	29.95	30.00	— .01	74.6	+ 2.2	95	25	80	61	18	69	22	69	66	80	3.93	+ 0.5	12	8,032	e.	34	w.	7	10	9	12	5.6	....	....
Columbia, S. C.	351	41	57	29.62	29.99	— .01	73.2	+ 1.4	96	25	83	53	17	64	27	64	59	69	2.62	— 0.6	9	4,646	e.	30	sw.	12	12	8	11	5.2	....	....
Augusta	180	89	97	29.80	29.99	.00	73.5	+ 1.3	96	25	83	54	17	64	29	65	61	70	4.60	+ 1.4	12	4,145	se.	30	nw.	29	14	5	12	4.8	....	....
Savannah	65	150	194	29.93	30.00	.00	74.6	+ 2.1	96	26	82	58	18	67	23	68	66	82	7.41	+ 4.4	11	7,832	e.	44	s.	12	10	11	10	5.2	....	....
Jacksonville	43	96	129	29.95	30.00	.00	77.6	+ 3.4	96	25	85	62	18	70	26	70	68	80	3.53	— 0.7	10	6,731	sw.	42	sw.	27	17	9	5	3.8	....	....
Florida Peninsula.							**79.4**	**+ 2.2**										**80**	**7.40**	**+ 3.2**										**5.7**		
Key West	22	10	53	29.96	29.98	+ .01	81.0	+ 2.0	88	30	86	70	19	76	18	76	74	80	6.96	+ 3.6	9	4,770	e.	23	nw.	16	7	17	7	5.7	....	....
Miami	25	37	72	29.98	30.01	.....	79.2	+ 0.6	91	8	86	67	20	73	18	74	72	79	11.17	+ 4.8	17	5,600	se.	29	w.	20	1	16	14	7.3	....	....
Sand Key	23	39	72	29.94	29.97	.00	79.8	.....	87	10	82	70	17	78	14	76	74	82	7.49	.....	6	7,945	e.	44	se.	20	9	16	6	5.0	....	....
Tampa	35	79	96	29.96	30.00	+ .01	78.2	+ 2.7	91	25	86	65	4	70	22	72	70	80	4.06	+ 1.1	12	4,906	ne.	32	w.	15	13	10	8	5.0	....	....
Titusville	25	6	....	29.96	30.01	.....	79.2	+ 3.4	98	26	89	62	17	69	27	....	....	....	6.85	.....	18	.....	e.	....	.....	....	9	11	11	5.7	....	....
East Gulf States.							**73.1**	**+ 0.8**										**72**	**4.88**	**+ 1.3**										**4.2**		
Atlanta	1,174	190	216	28.78	30.00	+ .01	70.2	+ 0.7	88	25	79	47	17	61	25	64	61	78	4.37	+ 1.3	10	7,424	w.	38	sw.	11	12	8	11	5.2	....	....
Macon	370	78	87	29.59	29.98	— .01	73.3	+ 2.2	95	25	84	49	18	63	32	65	60	68	3.60	+ 0.7	10	3,865	nw.	32	w.	27	17	4	10	4.2	....	....
Thomasville	273	8	57	29.69	29.98	— .01	76.2	+ 2.2	99	25	88	50	18	65	34	67	64	74	2.12	— 1.9	7	3,695	s.	28	w.	7	14	10	7	4.7	....	....
Pensacola	56	140	183	29.93	29.99	.00	74.6	— 0.2	90	25	81	58	17	68	20	68	65	76	3.71	+ 1.0	9	9,138	s.	76	se.	11	15	10	6	3.8	....	....
Anniston	741	9	57	29.22	30.01	+ .03	69.6	+ 1.2	91	24	82	43	17	58	34	....	....	....	3.62	+ 0.5	7	3,489	nw.	28	s	11	14	11	6	4.3	....	....
Birmingham	700	11	48	29.25	30.00	+ .02	71.0	— 0.6	90	25	81	47	17	61	28	63	59	69	2.68	— 0.4	10	4,285	s.	28	s.	11	15	13	3	3.8	....	....
Mobile	57	98	106	29.92	29.98	— .01	75.0	+ 1.4	92	25	83	56	18	67	24	68	65	74	7.70	+ 3.7	8	5,441	n.	29	se.	11	16	11	4	3.5	....	....
Montgomery	223	100	112	29.74	29.99	.00	73.8	+ 0.3	94	25	84	52	18	63	27	64	59	64	1.34	— 2.5	9	4,387	n.	28	sw.	11	13	12	6	4.4	....	....
Meridian	375	84	93	29.58	29.97	— .01	72.1	+ 1.0	93	26	83	48	17	62	31	64	60	69	4.52	+ 0.6	9	3,420	sw.	23	se.	29	15	12	4	4.1	....	....
Vicksburg	247	62	74	29.71	29.99	+ .02	72.8	— 0.1	90	31	81	53	18	64	24	65	61	71	3.17	— 1.1	9	4,823	se.	36	w.	5	17	9	5	3.6	....	....
New Orleans	51	90	121	29.92	29.97	.00	76.0	+ 1.5	91	31	84	61	16	68	21	70	67	79	16.80	+12.9	12	5.509	sw.	29	nw.	10	13	11	7	4.9	....	....
West Gulf States.							**73.5**	**+ 0.6**										**71**	**3.37**	**— 0.8**										**3.9**		
Shreveport	249	77	84	29.69	29.95	.00	72.8	— 0.4	93	26	82	53	17	64	25	65	61	70	5.74	+ 1.6	8	4,464	se.	28	nw.	10	18	5	8	4.0	....	....
Bentonville	1,303	11	44	28.56	29.90	— .03	67.6	+ 1.2	87	26	79	41	17	57	31	....	....	....	2.17	— 3.0	6	4,713	s	22	s.	20	22	5	4	3.1	....	....
Fort Smith	457	79	94	29.43	29.90	— .03	71.1	+ 1.4	92	26	82	46	17	60	33	62	57	65	2.54	— 2.4	9	6,060	e.	54	s.	10	11	17	3	4.3	....	....
Little Rock	357	139	147	29.58	29.94	— .01	70.5	+ 0.1	91	26	80	49	17	61	28	62	58	70	1.81	— 3.3	7	6,614	sw.	35	sw.	28	15	5	11	4.8	....	....
Brownsville	57	4	....	.....	.....	.....	80.1	.....	98	10	90	56	16	70	33	....	....	....	1.59	.....	4	.....	se.	30	se.	5	....	....	....	....	....	....
Corpus Christi	20	69	77	29.90	29.92	+ .02	76.5	0.0	89	16	82	60	16	71	29	73	72	87	8.45	+ 5.7	8	10,284	se.	42	se.	6	10	16	5	4.7	....	....
Fort Worth	670	106	114	29.19	29.89	— .02	74.0	+ 0.8	96	27	85	49	13	63	28	63	56	61	2.71	— 1.4	7	9,426	s.	40	w.	11	12	17	2	4.0	....	....
Galveston	54	106	112	29.91	29.97	+ .03	75.4	0.0	88	29	79	61	15	72	22	70	68	80	4.50	+ 1.3	6	8,730	se.	40	e.	5	14	13	4	4.3	....	....
Houston	138	111	121	29.80	29.94	.....	75.6	+ 0.1	92	30	84	58	16	67	26	....	....	....	5.02	.....	7	6,282	se.	32	se.	5	13	13	5	4.3	....	....
Palestine	510	64	72	29.41	29.93	.00	73.0	+ 0.5	91	28	82	50	17	64	29	65	61	71	2.73	— 2.2	9	5,779	s.	26	s.	28	22	8	1	2.2	....	....
San Antonio	710	80	91	29.18	29.90	.00	76.8	+ 2.0	101	28	87	55	16	66	36	66	60	65	1.49	— 1.5	5	5,250	se.	36	nw.	4	14	15	2	4.3	....	....
Taylor	583	55	63	29.33	29.94	+ .03	75.0	+ 0.7	100	28	86	53	16	64	30	....	....	....	1.56	— 2.4	4	7,389	s.	34	s.	1	18	10	3	3.3	....	....

TABLE I.—*Climatological data for United States Weather Bureau stations, May, 1912*—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.							**66.1**	**+ 1.0**										**69**	**3.88**	**+ 0.2**										**4.9**		
Chattanooga	702	189	213	29.20	30.01	+ .02	68.9	+ 0.3	90	24	79	47	18	59	32	61	57	71	4.49	+ 0.9	12	5,398	ne.	43	sw.	11	9	12	10	5.1	....	....
Knoxville	996	93	100	28.94	29.98	− .01	67.5	+ 1.0	89	24	78	45	18	57	32	60	55	68	5.94	− 2.2	16	3,456	e.	30	nw.	24	8	18	5	4.7	....	....
Memphis	399	76	97	29.57	29.99	+ .03	70.1	− 0.6	89	27	78	52	1	63	27	62	57	67	2.32	− 2.0	8	6,247	sw.	37	sw.	11	14	7	10	4.3	....	....
Nashville	546	108	191	29.41	29.99	+ .01	68.4	− 0.4	91	27	78	45	18	58	30	61	56	71	4.02	+ 0.5	10	5,872	sw.	38	sw.	16	12	10	9	5.0	....	....
Lexington	989	75	102	28.92	29.97	− .02	64.8	+ 0.5	86	27	74	42	13	56	26	....	....	....	5.11	+ 1.6	13	7,067	sw.	36	s.	28	13	5	13	5.2	....	....
Louisville	525	111	132	29.39	29.97	− .01	68.4	+ 1.7	90	27	78	42	13	58	28	59	54	63	3.61	0.0	10	5,805	sw.	36	w.	16	11	10	10	5.2	....	....
Evansville	431	72	82	29.48	29.94	− .03	68.0	+ 0.9	86	27	77	44	13	59	24	60	55	67	3.84	+ 0.4	12	5,467	s.	43	sw.	11	10	15	6	4.6	....	....
Indianapolis	822	154	164	29.06	29.94	− .03	65.0	+ 1.7	85	23	74	38	13	56	25	57	52	69	5.67	+ 1.7	11	8,018	s.	39	s.	20	10	12	9	5.1	....	....
Cincinnati	628	152	160	29.29	29.96	− .03	66.2	+ 1.1	88	23	76	42	13	56	27	58	53	64	4.64	+ 1.1	13	4,736	sw.	28	w.	11	12	8	11	5.2	....	....
Columbus	824	173	222	29.08	29.95	− .03	64.2	+ 1.9	86	23	74	38	13	54	29	57	53	71	2.65	− 1.1	11	8,080	sw.	38	w.	14	14	11	6	3.8	....	....
Dayton	899	181	216	28.99	29.93	.....	64.4	+ 1.5	86	23	74	38	13	55	30	58	55	75	2.27	− 1.6	13	8,360	sw.	46	s.	5	11	7	13	5.3	....	....
Pittsburgh	842	351	410	29.06	29.95	− .04	63.8	+ 1.2	86	23	73	39	13	54	29	55	48	61	1.56	− 1.7	9	8,419	sw.	52	se.	11	12	10	9	4.6	....	....
Parkersburg	638	77	84	29.33	29.98	− .01	65.2	+ 1.9	88	23	76	42	15	54	35	59	55	75	3.78	+ 0.3	13	3,972	s.	28	nw.	8	13	7	11	5.2	....	....
Elkins	1,940	41	50	27.96	29.99	− .01	60.7	+ 1.6	89	22	74	36	14	48	44	54	50	72	4.35	+ 0.4	14	2,622	w.	21	w.	9	12	8	11	5.2	....	....
Lower Lake Region.							**58.4**	**+ 1.0**										**71**	**3.82**	**+ 0.7**										**5.3**		
Buffalo	767	178	206	29.10	29.93	− .04	55.8	+ 1.3	80	22	64	35	13	48	31	50	46	76	3.50	+ 0.4	14	9,204	sw.	50	sw.	13	4	15	12	6.6	T.	....
Canton	448	10	71	29.45	29.92	.....	54.8	− 1.4	84	28	65	31	1	45	33	....	....	....	6.33	+ 3.5	16	8,649	sw.	42	sw.	18	11	10	10	5.8	....	....
Oswego	335	76	91	29.56	29.92	− .05	54.6	− 0.1	85	28	64	36	14	46	32	49	45	75	7.38	+ 4.5	14	7,185	s.	33	w.	13	8	6	17	6.2	T.	....
Rochester	523	86	102	29.37	29.94	− .03	58.2	+ 1.5	86	23	68	35	14	49	33	51	46	70	3.94	+ 1.0	13	6,199	w.	36	w.	24	8	9	14	6.3	T.	....
Syracuse	597	97	113	29.30	29.94	− .04	57.8	+ 0.5	84	28	67	34	14	48	27	51	46	68	3.22	− 0.2	14	8,704	s.	39	nw.	24	12	5	14	5.5	....	....
Erie	714	92	102	29.16	29.93	− .05	58.5	+ 1.2	86	23	68	34	13	49	36	53	48	70	3.29	− 0.1	14	7,363	w.	37	sw.	28	8	14	9	5.3	T.	....
Cleveland	762	190	201	29.12	29.93	− .05	60.0	+ 1.5	86	23	69	36	13	51	33	54	49	68	2.55	− 0.7	10	9,561	se.	47	w.	13	9	13	9	4.8	....	....
Sandusky	629	62	70	29.25	29.93	− .05	60.7	+ 1.5	87	23	70	37	13	51	35	....	....	....	1.94	− 1.3	14	6,304	sw.	33	nw.	8	12	14	5	4.2	....	....
Toledo	628	208	246	29.25	29.93	− .04	61.0	+ 1.3	87	23	71	33	13	51	33	54	49	68	3.07	− 0.2	13	10,802	sw.	48	w.	8	14	12	5	4.3	0.5	....
Fort Wayne	856	113	124	29.01	29.93	.....	62.3	+ 2.1	86	23	73	34	13	52	31	57	54	77	3.40	.....	13	7,316	sw.	38	nw.	8	15	9	7	4.1	....	....
Detroit	730	218	256	29.14	29.93	− .04	59.2	+ 1.4	84	23	69	32	13	50	32	52	46	66	2.96	− 0.3	15	10,135	e.	44	nw.	8	8	15	8	5.2	1.5	....
Upper Lake Region.							**53.3**	**+ 0.6**										**76**	**5.00**	**+ 1.6**										**6.1**		
Alpena	609	13	92	29.26	29.93	− .04	51.3	+ 1.8	82	26	60	32	14	43	34	49	47	86	4.79	+ 1.5	15	8,638	se.	44	sw.	27	5	16	10	6.0	T.	....
Escanaba	612	48	82	29.25	29.92	− .05	49.6	− 0.4	75	7	58	33	14	42	34	45	41	77	4.55	+ 1.1	15	8,060	s.	40	n.	12	7	13	11	6.3	....	....
Grand Haven	632	54	92	29.22	29.90	− .06	54.7	− 0.1	77	22	64	36	19	46	30	51	48	79	5.00	+ 1.7	15	8,845	s.	44	sw.	27	11	9	11	5.3	....	....
Grand Rapids	675	70	87	29.15	29.91	− .06	58.8	− 0.2	87	23	69	38	19	49	31	53	49	73	4.91	+ 1.6	12	5,225	se.	28	w.	23	11	7	13	5.9	....	....
Lansing	863	11	62	28.98	29.92	.....	57.6	− 0.3	85	23	68	37	13	47	35	52	48	73	6.57	+ 3.0	15	5,457	sw.	26	n.	16	10	9	12	5.5	....	....
Houghton	684	62	72	29.17	29.90	− .07	48.6	− 1.1	84	31	58	31	13	39	42	....	....	....	3.40	+ 0.1	14	6,722	e.	37	e.	22	6	6	19	7.0	....	....
Marquette	734	77	116	29.14	29.94	− .03	49.4	+ 0.4	83	31	58	33	13	40	35	45	42	80	3.73	+ 0.4	9	6,887	n.	34	se.	31	3	15	13	6.7	....	....
Port Huron	638	78	120	29.22	29.92	− .05	55.8	+ 2.1	83	23	66	33	13	46	31	50	46	74	3.68	+ 0.4	14	7,936	ne.	38	n.	13	11	10	10	5.2	2.0	....
Sault Ste. Marie	614	11	61	29.25	29.95	.00	49.9	+ 2.2	77	26	60	32	14	39	37	45	39	70	3.10	− 0.2	11	6,247	e.	32	w.	18	8	19	12	6.0	....	....
Chicago	823	140	310	29.04	29.92	− .04	59.9	+ 3.4	88	23	69	39	12	51	39	53	48	70	3.97	+ 0.6	15	10,500	s.	43	n.	12	13	8	10	5.4	....	....
Milwaukee	681	119	133	29.17	29.90	− .06	54.8	+ 1.2	87	23	64	38	13	46	43	50	47	79	8.15	+ 4.7	16	8,764	ne.	47	ne.	11	7	13	11	5.6	....	....
Green Bay	617	49	86	29.23	29.89	− .06	55.0	+ 0.5	81	23	64	34	14	46	32	50	46	76	7.24	+ 3.7	15	10,067	s.	48	n.	11	3	12	16	7.1	....	....
Duluth	1,133	11	47	28.68	29.91	− .05	46.8	− 1.8	74	23	54	32	13	39	34	43	38	77	5.90	+ 2.4	19	10,794	ne.	49	ne.	4	4	12	15	6.8	T.	....
North Dakota.							**54.4**	**+ 0.2**										**70**	**3.37**	**+ 0.9**										**5.8**		
Moorhead	940	8	57	28.85	29.87	− .07	56.6	+ 1.8	86	9	68	33	16	45	42	50	45	70	3.90	+ 1.0	17	7,320	s.	45	se.	2	17	8	6	3.9	....	....
Bismarck	1,674	4	57	28.09	29.86	− .06	55.2	0.0	87	9	67	28	13	44	42	49	44	69	3.03	+ 0.5	10	9,914	nw.	47	s.	5	7	10	14	6.4	....	....
Devils Lake	1,482	11	44	28.27	29.83	− .11	53.0	+ 0.3	84	9	63	26	13	43	33	47	42	70	3.03	+ 0.8	13	9,809	e.	44	e.	4	6	11	14	6.6	....	....
Williston	1,896	40	47	27.87	29.84	− .11	52.9	− 1.4	84	16	63	32	18	42	38	47	42	71	3.61	+ 1.4	11	7,915	n.	39	nw.	31	4	13	14	6.5	T.	....
Upper Mississippi Valley.							**64.0**	**+ 2.1**										**69**	**4.27**	**+ 0.1**										**5.3**		
Minneapolis	918	102	208	.....	.....	.....	59.0	.....	81	27	69	36	16	49	32	....	....	....	4.68	+ 0.8	11	9,912	w.	48	n.	11	11	8	12	5.4	....	....
St. Paul	940	203	212	28.96	29.86	− .08	59.2	+ 1.0	81	22	69	38	14	50	31	51	45	64	4.06	+ 0.4	14	8,606	se.	43	nw.	8	8	18	5	5.2	....	....
La Crosse	714	11	48	29.11	29.87	− .07	60.6	+ 1.1	84	23	71	35	14	50	34	....	....	....	5.88	+ 2.1	16	4,174	s.	25	e.	19	8	7	16	6.2	....	....
Madison	974	70	78	28.85	29.89	− .07	58.4	+ 0.8	82	23	68	36	14	49	30	52	48	72	6.57	+ 3.0	19	7,288	sw.	48	ne.	11	7	12	12	5.9	....	....
Charles City	1,015	10	49	28.80	29.87	− .07	60.2	+ 0.7	85	23	71	34	14	49	39	54	50	73	2.75	− 2.2	10	5,776	s.	28	sw.	26	4	12	15	6.7	....	....
Davenport	606	71	79	29.22	29.87	− .08	64.8	+ 3.3	88	22	76	39	14	54	36	57	52	65	2.75	− 1.4	13	6,191	sw.	30	sw.	27	12	13	6	5.0	....	....
Des Moines	861	84	101	28.94	29.84	− .09	65.0	+ 3.4	87	27	75	38	14	55	32	57	51	64	5.62	+ 1.1	9	7,228	s.	33	sw.	27	8	15	8	5.0	....	....
Dubuque	698	100	115	29.14	29.89	− .06	61.8	+ 1.0	85	23	72	37	14	52	30	55	49	67	5.98	+ 1.7	15	4,645	s.	27	s.	2	7	9	15	6.1	....	....
Keokuk	614	64	78	29.21	29.88	− .06	66.6	+ 3.4	90	23	77	40	16	56	29	59	54	69	1.82	− 2.4	11	6,303	s.	34	nw.	15	12	16	3	3.8	....	....
Cairo	350	87	93	29.55	29.92	− .04	68.7	+ 1.2	88	28	77	48	16	61	23	62	59	74	2.51	− 1.3	9	6,271	s.	38	s.	10	10	9	12	5.3	....	....
La Salle	536	56	64	29.34	29.91	− .05	64.0	+ 3.2	88	23	75	38	13	53	34	....	....	....	3.73	− 0.2	13	6,680	sw.	39	sw.	27	12	10	9	5.0	....	....
Peoria	609	11	45	29.24	29.91	− .05	64.2	+ 2.5	88	23	76	34	13	53	34	57	53	70	4.39	+ 0.1	13	5,992	s.	37	w.	27	4	18	9	5.8	....	....
Springfield, Ill	644	10	91	29.23	29.90	− .05	66.4	+ 2.9	88	23	77	44	16	56	28	59	54	69	4.40	− 0.1	13	6,825	s.	30	s.	27	9	14	8	5.2	....	....
Hannibal	534	74	109	29.31	29.88	− .06	67.2	+ 2.8	91	23	78	42	13	57	33	....	....	....	4.55	− 0.4	13	7,251	sw.	34	n.	11	15	10	6	4.1	....	....
St. Louis	567	208	317	29.30	29.90	− .05	68.2	+ 1.7	89	23	77	44	16	60	26	60	55	67	4.29	0.0	7	8,025	s.	36	w.	28	14	11	6	4.4	....	....
Missouri Valley.							**64.3**	**+ 2.3**										**61**	**2.83**	**− 1.4**										**4.5**		
Columbia, Mo	784	11	84	29.06	29.88	− .06	67.8	+ 3.3	92	23	78	41	17	57	32	....	....	....	3.25	− 1.6	11	5,921	s.	34	sw.	27	12	9	10	5.1	....	....
Kansas City	963	161	181	28.83	29.85	− .07	68.8	+ 4.3	90	23	78	45	16	60	26	59	52	60	3.64	− 1.5	8	10,087	s.	50	nw.	6	13	16	2	3.6	....	....
St. Joseph	967	11	49	28.83	29.84	.....	68.4	.....	92	23	79	41	13	58	30	59	53	63	3.28	.....	7	7,331	s.	44	w.	6	12	16	3	4.3	....	....
Springfield, Mo	1,324	98	104	28.52	29.90	− .03	67.0	+ 2.4	87	26	77	42	17	57	31	58	53	66	2.85	− 2.7	7	8,210	s.	46	nw.	15	19	9	3	3.4	....	....
Iola	984	11	50	28.84	29.86	− .06	68.2	+ 3.7	89	23	79	42	17	57	32	....	....	....	4.15	− 0.9	7	6,799	s.	36	w.	10	18	11	2	3.3	....	....
Topeka	983	85	101	.....	.....	.....	68.4	+ 3.4	92	23	79	43	16	58	35	....	....	....	3.31	− 1.6	6	9,370	s.	39	n.	11	14	16	1	3.5	....	....
Lincoln	1,189	11	84	28.59	29.83	− .08	65.6	+ 2.7	98	26	79	36	14	52	39	55	48	58	0.96	− 3.3	7	9,620	n.	48	nw.	28	11	12	8	5.0	....	....
Omaha	1,105	115	121	28.68	29.84	− .08	66.2	+ 3.7	96	26	77	41	16	56	31	57	50	62	1.30	− 3.2	5	7,525	n.	40	n.	11	7	18	6	5.6	....	....
Valentine	2,598	47	54	27.43	29.88	− .02	57.4	− 0.5	89	30	70	35	16	45	41	48	41	62	3.06	− 0.3	14	8,692	n.	42	s.	30	17	13	1	3.7	....	....
Sioux City	1,135	94	164	28.65	29.85	− .07	62.4	+ 1.6	90	26	74	36	16	51	36	53	47	62	2.76	− 1.6	10	9,165	n.	43	sw.	26	12	10	9	5.1	....	....
Pierre	1,572	70	75	28.23	29.88	− .03	59.4	+ 0.1	92	30	71	33	13	48	36	49	40	55	1.67	− 0.5	11	9,960	e.	59	w.	27	5	17	9	5.7	....	....
Huron	1,306	56	67	29.48	29.88	− .04	58.3	+ 1.0	86	9	71	33	13	46	41	51	44	65	2.49	− 0.4	10	9,071	n.	42	w.	27	13	12	6	4.6	....	....
Yankton	1,233	49	57	28.55	29.85	− .07	61.6	+ 1.6	90	26	73	36	16	50	33	....	....	....	4.55	+ 0.6	6	7,326	w.	46	nw.	26	7	17	7	5.1	....	....

TABLE I.—*Climatological data for United States Weather Bureau stations, May, 1912*—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.
Northern Slope.							**52.1**	**− 0.6**										**60**	**2.43**	**+ 0.1**										**5.4**		
Havre	2,505	11	44	27.29	29.91	+ .01	53.2	− 0.9	83	15	64	30	13	42	38	47	41	70	2.57	+ 0.5	9	6,596	nw.	37	nw.	9	17	5	9	5.1	....	....
Miles City	2,371	26	48	27.38	29.92	+ .01	55.6	− 1.1	86	28	67	32	5	45	39	48	43	68	4.17	+ 2.2	14	5,756	sw.	39	nw.	27	12	13	6	5.1	17.0	....
Helena	4,221	87	114	25.77	29.95	+ .02	51.3	− 0.3	78	15	62	31	4	41	35	43	36	63	4.03	+ 2.1	12	7,015	sw.	39	sw.	26	4	10	17	7.2	4.0	....
Kalispell	2,962	11	34	26.90	29.94	+ .06	52.7	+ 1.7	79	15	65	29	1	40	38	44	37	63	0.76	− 1.3	9	3,860	nw.	23	sw.	30	8	15	8	5.2	....	....
Rapid City	3,234	46	50	26.52	29.91	+ .01	54.7	+ 0.5	81	9	65	33	4	44	37	46	35	50	2.25	− 0.7	10	7,266	w.	36	n.	10	12	7	12	5.4	T.	....
Cheyenne	6,088	56	64	23.96	29.87	+ .02	50.4	− 0.6	81	30	63	28	13	38	39	40	30	52	1.37	− 1.1	8	8,882	nw.	45	nw.	1	9	16	6	4.7	3.7	....
Lander	5,372	60	68	24.62	29.95	+ .07	49.2	− 2.8	82	29	62	18	5	36	42	39	29	55	2.62	− 0.3	10	5,206	sw.	42	sw.	20	9	15	7	4.9	16.0	....
Sheridan	3,790	9	47	26.05	29.94	.....	51.2	+ 1.2	86	29	64	27	13	39	46	44	36	61	2.27	.....	11	6,706	nw.	48	nw.	5	9	11	11	5.8	0.7	....
Yellowstone Park	6,200	11	48	23.85	29.96	+ .05	43.1	− 4.3	70	29	54	23	13	32	34	35	28	61	2.17	+ 0.3	16	6,176	sw.	36	sw.	1	6	15	10	5.8	4.5	....
North Platte	2,821	11	51	26.99	29.88	.00	59.8	+ 0.8	91	26	74	31	14	46	43	51	44	62	1.93	− 1.1	7	6,817	n.	36	se.	3	11	14	6	4.8	....	....
Middle Slope.							**64.4**	**+ 1.5**										**57**	**3.02**	**− 0.8**										**4.4**		
Denver	5,291	129	136	24.67	29.87	+ .03	56.1	− 0.6	88	25	69	27	14	43	38	43	30	46	4.18	+ 1.6	10	7,243	sw.	48	n.	10	11	16	4	4.9	13.2	....
Pueblo	4,685	80	86	25.21	29.84	+ .01	59.6	+ 0.1	89	30	73	33	13	46	39	45	31	43	1.55	− 0.1	6	6,091	se.	42	n.	10	9	17	5	4.6	T.	....
Concordia	1,398	42	50	28.40	29.84	− .07	66.6	+ 2.9	96	26	79	38	14	54	34	57	51	61	3.26	− 1.4	7	6,420	s.	34	w.	27	6	17	8	5.7	....	....
Dodge City	2,509	11	51	27.29	29.84	− .03	65.8	+ 2.3	95	26	79	38	16	53	35	55	48	59	1.03	− 2.3	8	9,513	se.	50	se.	2	17	11	3	4.0	....	....
Wichita	1,364	139	158	28.43	29.84	− .06	68.0	+ 2.1	91	26	78	42	16	58	30	60	56	70	5.18	+ 0.2	11	10,911	s.	53	s.	4	15	13	3	4.2	....	....
Oklahoma	1,214	10	47	28.62	29.87	− .02	70.5	+ 2.4	94	27	80	46	12	60	29	60	54	63	2.91	− 2.8	9	13,288	s.	54	nw.	9	18	12	1	3.3	....	....
Southern Slope.							**71.9**	**+ 1.2**										**48**	**0.97**	**− 1.9**										**3.5**		
Abilene	1,738	10	52	28.10	29.87	.00	73.8	+ 1.9	102	27	86	47	14	61	34	60	50	51	1.80	− 1.9	5	9,711	s.	34	s.	18	15	12	4	3.9	....	....
Amarillo	3,676	10	49	26.20	29.86	+ .02	66.6	+ 2.3	95	24	81	38	14	52	38	52	42	52	1.67	− 2.0	6	9,077	sw.	40	n.	10	21	8	2	3.4	....	....
Del Rio	944	8	57	28.91	29.87	+ .02	79.4	+ 2.5	108	28	92	46	16	66	47	....	....	....	0.08	− 2.9	2	7,131	se.	32	nw.	10	19	9	3	3.3	....	....
Roswell	3,578	9	57	26.28	29.83	+ .01	67.7	− 1.7	98	26	86	36	5	50	46	50	35	40	0.34	− 0.8	3	5,203	sw.	31	ne.	31	19	10	2	3.4	....	....
Southern Plateau.							**64.2**	**− 1.7**										**35**	**0.66**	**+ 0.3**										**2.4**		
El Paso	3,762	110	133	26.11	29.78	.00	71.5	− 0.6	96	25	86	44	4	58	39	49	24	22	T.	− 0.4	0	8,908	nw.	54	nw.	9	26	3	2	1.8	....	....
Santa Fe	7,013	8	56	23.22	29.80	− .01	55.4	− 1.3	81	29	68	29	4	43	31	41	25	35	0.99	− 0.1	8	6,604	sw.	35	sw.	9	18	11	2	3.8	1.8	....
Flagstaff	6,907	8	57	23.34	29.86	+ .08	48.8	− 1.9	78	29	64	24	5	33	43	....	....	....	0.05	.....	2	.....	sw.	....	.....	....	15	15	1	....	....	....
Phoenix	1,108	50	56	28.69	29.83	+ .05	73.8	− 1.0	101	29	88	46	4	59	39	55	39	34	0.58	+ 0.6	2	3,326	e.	20	w.	2	18	11	2	2.9	....	....
Yuma	141	9	58	29.69	29.84	+ .05	74.8	− 2.0	105	29	91	48	4	59	43	58	44	42	0.90	+ 0.9	3	4,832	sw.	40	se.	18	27	3	1	1.1	....	....
Independence	3,910	11	42	25.93	29.89	+ .05	60.9	− 3.6	92	29	76	37	2	46	37	46	30	40	0.85	+ 0.7	4	6,005	n.	30	se.	24	22	8	1	2.3	....	....
Middle Plateau.							**54.4**	**− 1.8**										**44**	**0.50**	**− 0.6**										**5.0**		
Reno	4,532	56	63	25.45	29.95	+ .04	53.5	− 0.1	84	28	67	32	1	40	44	42	33	54	0.26	− 0.5	5	5,625	w.	48	sw.	1	13	10	8	4.3	0.5	....
Tonopah	6,090	12	20	24.02	29.88	.....	53.2	.....	80	28	64	25	2	42	36	40	26	38	0.15	− 1.2	2	7,846	nw.	44	nw.	29	13	15	3	4.2	T.	....
Winnemucca	4,344	18	56	25.60	29.97	+ .06	54.2	− 0.2	84	17	70	25	22	38	44	42	31	52	0.52	− 0.5	6	5,273	sw.	42	w.	1	10	11	10	5.2	0.2	....
Modena	5,479	10	43	24.57	29.88	+ .06	51.4	− 3.1	82	29	67	24	4	36	42	39	24	43	0.33	− 0.5	5	9,686	sw.	54	sw.	25	8	16	7	5.3	0.8	....
Salt Lake City	4,360	149	189	25.57	29.91	+ .05	55.8	− 2.5	85	29	66	31	3	46	31	44	32	46	1.75	− 0.2	7	6,073	nw	48	nw.	1	14	10	7	4.4	2.0	....
Durango	6,546	18	56	23.61	29.84	+ .04	52.4	− 2.6	83	29	68	24	5	36	42	38	23	39	0.08	− 1.1	4	4,934	nw.	38	sw.	2	9	18	4	4.9	T.	....
Grand Junction	4,602	43	51	25.31	29.85	+ .02	59.4	− 2.2	87	29	72	33	5	46	35	44	29	39	0.38	− 0.5	6	4,748	nw.	34	sw.	1	9	12	10	5.5	0.2	....
Northern Plateau.							**54.3**	**− 2.6**										**59**	**2.00**	**+ 0.3**										**5.5**		
Baker	3,466	48	53	26.45	30.03	+ .07	50.8	+ 0.1	76	17	63	31	4	39	38	43	35	61	1.70	0.0	13	4,742	se.	26	s.	1	11	13	7	4.5	T.	....
Boise	2,739	78	86	27.14	29.99	+ .05	46.0	−11.6	83	17	68	35	4	45	37	46	36	54	1.94	+ 0.6	10	4,280	nw.	33	ne.	18	9	12	10	5.1	....	....
Lewiston	757	10	51	29.19	30.00	+ .04	59.6	− 1.2	88	19	72	41	5	48	41	....	....	....	2.66	+ 1.0	10	3,390	e.	35	nw.	16	8	8	15	6.1	....	....
Pocatello	4,477	46	54	25.44	29.94	+ .05	51.8	− 3.7	81	29	64	30	4	40	35	43	35	61	1.59	− 0.6	11	6,167	se.	42	s.	25	7	12	12	6.2	0.5	....
Spokane	1,929	101	110	27.95	29.99	+ .03	56.6	+ 0.5	82	14	68	37	1	45	37	47	39	60	2.18	+ 0.6	9	4,755	sw.	24	sw.	26	7	12	12	5.6	....	....
Walla Walla	1,045	107	115	28.94	29.99	+ .03	61.2	+ 0.5	86	14	71	43	4	51	29	49	38	48	1.95	+ 0.1	11	5,630	s.	33	sw.	19	15	7	9	4.4	....	....
North Pacific Coast Region.							**55.2**	**+ 2.0**										**75**	**1.96**	**− 0.6**										**5.5**		
North Head	211	11	56	29.86	30.09	+ .06	53.8	+ 2.6	86	13	58	43	1	50	27	50	48	84	1.41	− 1.0	14	11,722	nw.	57	s.	27	11	13	7	5.2	....	....
Port Crescent	259	8	53	29.82	30.10	+ .08	50.4	+ 1.3	79	13	60	32	1	41	32	....	....	....	1.08	− 1.2	11	4,000	nw.	17	w.	14	6	17	8	5.5	....	....
Seattle	205	215	250	29.95	30.08	+ .07	57.0	+ 2.0	90	14	65	43	1	49	35	50	44	70	1.64	− 0.7	11	6,063	n.	31	s.	14	8	14	9	5.7	....	....
Tacoma	213	113	120	29.85	30.08	+ .06	56.5	+ 2.0	87	13	66	40	6	47	37	49	44	69	1.74	− 0.8	10	4,080	n.	27	w.	14	8	11	12	5.8	....	....
Tatoosh Island	109	7	57	29.97	30.07	+ .06	52.0	+ 2.4	75	14	56	42	1	48	25	48	46	85	2.84	− 1.2	16	9,632	w.	42	ne.	13	4	15	12	6.2	....	....
Portland, Oreg.	153	68	106	29.89	30.05	+ .02	59.2	+ 2.4	89	12	69	43	10	50	34	52	48	71	1.89	− 0.5	13	4,138	s.	24	se.	23	12	6	13	5.3	....	....
Roseburg	510	9	57	29.50	30.06	+ .03	57.2	+ 1.6	94	12	70	37	10	45	49	50	43	69	3.11	+ 1.1	13	2,362	nw.	18	sw.	26	13	8	10	4.5	....	....
Middle Pacific Coast Region.							**57.9**	**+ 0.3**										**70**	**1.42**	**+ 0.2**										**4.4**		
Eureka	80	73	89	30.02	30.09	+ .04	52.1	0.0	63	25	57	43	3	47	15	49	47	85	1.98	− 0.6	11	5,892	n.	40	n.	6	10	12	9	5.9	....	....
Mount Tamalpais	2,375	11	18	27.54	30.01	+ .01	54.2	+ 0.5	82	31	61	35	21	47	26	47	42	68	1.88	+ 0.4	8	13,616	nw.	66	nw.	29	15	6	10	4.5	....	....
Point Reyes Light	490	7	18	29.46	29.98	.....	52.4	+ 0.8	76	31	56	45	12	48	27	....	....	....	1.62	.....	7	17,267	nw.	72	nw.	29	10	6	15	6.0	....	....
Red Bluff	332	50	56	29.60	29.95	.00	65.8	− 0.7	93	31	77	44	2	54	35	53	42	52	1.58	+ 0.3	9	5,305	se.	26	nw.	2	18	5	8	3.9	....	....
Sacramento	69	106	117	29.89	29.96	+ .02	63.6	+ 0.7	95	31	76	45	2	52	40	56	52	69	0.94	0.0	5	6,501	s.	48	se.	6	16	10	5	3.5	....	....
San Francisco	155	200	204	29.84	30.02	+ .03	57.2	+ 1.7	87	31	63	46	12	51	30	51	47	75	1.47	+ 0.7	8	6,618	w.	33	w.	13	16	9	6	3.7	....	....
San Jose	141	12	110	29.85	30.00	.....	60.0	− 0.7	92	31	72	39	3	48	41	....	....	....	0.70	0.0	8	3,432	nw.	22	nw.	23	20	9	2	3.1	....	....
Southeast Farallon	30	9	17	30.00	30.02	.....	52.5	.....	59	26	55	46	12	50	9	....	....	....	1.40	+ 0.6	6	12,453	nw.	50	nw.	2	15	9	7	4.3	....	....
South Pacific Coast Region.							**62.3**	**+ 0.7**										**70**	**0.70**	**+ 0.1**										**4.6**		
Fresno	330	62	70	29.59	29.95	+ .03	67.5	− 0.9	98	31	82	40	2	53	38	54	42	49	0.41	− 0.2	5	4,464	nw.	23	w.	29	12	17	2	3.6	....	....
Los Angeles	338	159	191	29.60	29.97	+ .02	62.9	+ 2.4	86	15	72	50	5	54	27	55	50	72	0.12	− 0.4	2	4,396	sw.	29	s.	2	12	13	6	4.6	....	....
San Diego	87	94	102	29.88	29.97	+ .02	60.6	− 0.2	72	15	66	49	4	55	19	56	54	84	0.17	− 0.2	5	4,609	nw.	24	s.	7	13	9	9	4.9	....	....
San Luis Obispo	201	47	54	29.80	30.02	+ .02	58.3	+ 1.6	94	28	68	40	22	48	36	52	48	74	2.09	+ 1.2	4	4,117	nw.	25	w.	1	12	6	13	5.4	....	....
West Indies.																																
San Juan	82	48	90	29.92	30.01	.....	79.4	.....	93	10	85	70	15	74	18	....	....	....	3.24	− 1.5	14	8,115	se.	30	se.	15	12	18	1	3.9	....	....
Panama.																																
Ancon	92	6	69	29.73	29.83	.....	82.0	.....	96	7	90	71	20	74	21	76	75	87	10.71	+ 1.7	14	4,999	nw.	23	nw.	2	0	15	16	7.7	....	....
Culebra	404	5	62	29.43	29.84	.....	81.2	.....	96	5	89	70	20	74	22	75	74	87	8.15	− 3.0	15	5,538	nw.	27	sw.	8	0	11	20	7.4	....	....
Colon	10	5	71	29.84	29.85	.....	82.0	.....	91	5	87	73	21	77	14	77	76	85	12.03	− 0.4	17	7,614	n.	26	ne.	18	2	17	12	6.6	....	....

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, 1912, 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.	8	D. N. a m.	D. N. a. m.	0.77	2.05 a. m.	2.27 a. m.	0.02	0.15	0.26	0.45	0.55	0.59									
Albany, N. Y.	29	3.03 p. m.	9.05 p. m.	1.25	3.06 p. m.	3.30 p. m.	0.02	0.36	0.80	0.88	0.92	1.03									
Alpena, Mich.	27			0.92														0.59			
Amarillo, Tex.	25			0.69														0.44			
Anniston, Ala.	5	1.25 p. m.	3.30 p. m.	0.98	1.31 p. m.	1.54 p. m.	0.01	0.15	0.26	0.49	0.69	0.74									
	11	6.10 p. m.	D. N. p. m.	0.93	8.24 p. m.	8.47 p. m.	0.08	0.10	0.26	0.49	0.77	0.83									
Asheville, N. C.	16			0.66														0.29			
Atlanta, Ga.	27	2.55 p. m.	5.05 p. m.	0.61	3.07 p. m.	3.30 p. m.	0.01	0.12	0.20	0.28	0.40	0.48									
	29	6.55 a. m.	9.43 a. m.	1.02	9.02 a. m.	9.28 a. m.	0.40	0.11	0.27	0.47	0.50	0.59	0.62								
Atlantic City, N. J.	16			0.80														0.39			
Augusta, Ga.	7	7.00 p. m.	8.30 p. m.	1.18	7.32 p. m.	7.47 p. m.	0.03	0.11	0.74	1.04											
	15	5.00 p. m.	10.00 p. m.	0.78	5.35 p. m.	5.41 p. m.	0.10	0.33	0.40												
Baker, Oreg.	20			0.64														0.41			
Baltimore, Md.	16			0.89														0.36			
Bentonville, Ark.	10			1.33														0.40			
Binghamton, N. Y.	29	5.10 p. m.	6.30 p. m.	1.03	5.17 p. m.	5.55 p. m.	0.01	0.05	0.10	0.18	0.45	0.81	0.90	0.96	1.01						
Birmingham, Ala.	7	D. N. a. m.	9.43 a. m.	1.10	3.08 a. m.	3.19 a. m.	0.48	0.20	0.34	0.38											
		7.38 p. m.	9.45 p. m.	0.51	8.32 p. m.	8.51 p. m.	0.07	0.11	0.25	0.40	0.43										
Bismarck, N. Dak.	26	6.26 p. m.	D. N. p. m.	0.72	6.29 p. m.	6.43 p. m.	0.01	0.22	0.42	0.54											
Block Island, R. I.	24	7.09 p. m.	11.55 p. m.	1.01	9.13 p. m.	9.50 p. m.	0.07	0.18	0.28	0.45	0.57	0.70	0.80	0.87	0.90						
Boise, Idaho	19			0.45														0.19			
Boston, Mass.	26			0.48														0.37			
Buffalo, N. Y.	16			1.10														0.36			
Burlington, Vt.	29–30	11.18 a. m.	1.30 p. m.	1.00	11.41 a. m.	11.57 a. m.	0.01	0.11	0.30	0.44	0.46										
Cairo, Ill.	8			0.40														0.40			
Canton, N. Y.	28	6.40 p. m.	9.00 p. m.	0.74	6.47 p. m.	6.58 p. m.	0.02	0.25	0.46	0.51											
Charles City, Iowa	26	11.58 a. m.	1.40 p. m.	0.55	12.09 p. m.	12.29 p. m.	0.01	0.14	0.33	0.39	0.45										
Charleston, S. C.	29			0.93														0.64			
Charlotte, N. C.	11			0.90														0.58			
Chattanooga, Tenn.	28–29	10.16 p. m.	5.22 a. m.	2.43	10.37 p. m.	11.15 p. m.	0.03	0.26	0.43	0.64	0.81	0.94	1.07	1.16	1.26						
Cheyenne, Wyo.	10			0.74														0.19			
Chicago, Ill.	11			1.60														0.41			
Cincinnati, Ohio	5–6	6.20 p. m.	D. N. a. m.	1.20	7.49 p. m.	8.02 p. m.	0.35	0.19	0.37	0.46											
	29	5.25 a. m.	6.25 a. m.	0.49	6.02 a. m.	6.17 a. m.	0.03	0.14	0.37	0.46											
Cleveland, Ohio	5	12.16 p. m.	4.45 p. m.	0.42	1.51 p. m.	2.01 p. m.	0.02	0.11	0.33												
Columbia, Mo.	26	10.05 a. m.	11.45 a. m.	0.75	10.08 a. m.	10.30 a. m.	0.01	0.16	0.40	0.53	0.57	0.60									
Columbia, S. C.	4–5	2.37 p. m.	D. N. a. m.	1.02	3.40 p. m.	4.05 p. m.	0.08	0.11	0.23	0.36	0.47	0.53									
Columbus, Ohio	16			0.56														0.27			
Concord, N. H.	17	4.04 p. m.	4.19 p. m.	0.27	4.10 p. m.	4.14 p. m.	T.	0.27													
Concordia, Kans.	9	6.46 p. m.	11.08 p. m.	1.08	7.41 p. m.	8.07 p. m.	0.43	0.13	0.30	0.33	0.35	0.47	0.49								
Corpus Christi, Tex.	1	9.38 p. m.	11.56 p. m.	0.68	10.50 p. m.	11.10 p. m.	0.07	0.29	0.42	0.49	0.54										
	5	12.41 p. m.	5.06 p. m.	2.45	2.27 p. m.	3.00 p. m.	0.03	0.10	0.49	0.91	1.24	1.39	1.55	1.63							
					3.45 p. m.	4.08 p. m.	1.90	0.08	0.17	0.30	0.43	0.50									
	6	5.41 a. m.	11.14 a. m.	4.09	6.03 a. m.	7.08 a. m.	0.12	0.09	0.28	0.40	0.49	0.55	0.58	0.71	0.93	1.24	1.54	2.03	2.26		
					7.40 a. m.	8.36 a. m.	1.49	0.11	0.19	0.37	0.40	0.54	0.68	0.83	0.98	1.25	1.34	1.45			
	14	4.35 a. m.	10.38 a. m.	1.11	10.01 a. m.	10.16 a. m.	0.14	0.34	0.82	0.95											
Davenport, Iowa	26			0.44														0.43			
Dayton, Ohio	29			0.49														0.28			
Del Rio, Tex.	14			0.07														(*)			
Denver, Colo.	10			1.10														0.22			
Des Moines, Iowa	10–11	7.30 p. m.	7.40 p. m.	4.42	7.44 p. m.	8.51 p. m.	0.04	0.07	0.30	0.55	0.62	0.94	1.43	1.89	2.15	2.29	2.31	2.38	2.69		
Detroit, Mich.	12			0.78														0.32			
Devils Lake, N. Dak.	26			0.64														0.42			
Dodge City, Kans.	31	6.35 p. m.	7.45 p. m.	0.40	7.05 p. m.	7.20 p. m.	0.01	0.12	0.29	0.34											
Dubuque, Iowa	20–21	7.44 p. m.	D. N. a. m.	1.36	10.02 p. m.	10.52 p. m.	0.25	0.06	0.18	0.34	0.46	0.53	0.64	0.77	0.83	0.94	1.03				
	26	2.06 p. m.	4.45 p. m.	1.06	3.11 p. m.	3.36 p. m.	0.09	0.10	0.50	0.67	0.78	0.85									
Duluth, Minn.	4			0.69														0.49			
Durango, Colo.	30			0.03														(*)			
Eastport, Me.	29			0.47														0.36			
Elkins, W. Va.	11			1.16														0.47			
El Paso, Tex.	30			T.														T.			
Erie, Pa.	28	2.25 p. m.	3.00 p. m.	0.41	2.36 p. m.	2.44 p. m.	0.03	0.12	0.32												
Escanaba, Mich.	22			1.53														0.50			
Eureka, Cal.	20			0.44														0.12			
Evansville, Ind.	24–25	3.15 p. m.	4.25 p. m.	0.42	3.58 p. m.	4.08 p. m.	0.03	0.23	0.36												
Flagstaff, Ariz.	9			0.04														(*)			
Fort Smith, Ark.	10			1.11														0.36			
Fort Wayne, Ind.	5	7.35 p. m.	8.05 p. m.	0.34	7.41 p. m.	7.49 p. m.	0.02	0.23	0.31												
Fort Worth, Tex.	5	6.25 p. m.	8.25 p. m.	1.12	6.48 p. m.	7.22 p. m.	0.04	0.07	0.13	0.20	0.28	0.58	0.92	1.04							
Fresno, Cal.	25			0.16														0.10			
Galveston, Tex.	5	11.15 a. m.	3.30 p. m.	1.10	11.19 a. m.	11.54 a. m.	0.01	0.19	0.41	0.52	0.66	0.76	0.84	0.92							
	5–6	5.45 p. m.	4.30 a. m.	2.56	7.22 p. m.	7.57 p. m.	0.15	0.18	0.70	0.87	1.01	1.14	1.25	1.30							
Grand Haven, Mich.	11			1.25														0.43			
Grand Junction, Colo.	2			0.11														0.11			
Grand Rapids, Mich.	21	4.35 p. m.	6.20 p. m.	0.95	4.49 p. m.	5.12 p. m.	0.01	0.21	0.44	0.83	0.85	0.92									
Green Bay, Wis.	21–22	9.05 p. m.	D. N. a. m.	1.41	11.14 p. m.	12.35 a. m.	0.15	0.07	0.12	0.17	0.29	0.33	0.36	0.42	0.48	0.52	0.54	0.77	1.20	1.26	
Hannibal, Mo.	27–28	7.47 p. m.	D. N. a. m.	1.10	9.34 p. m.	10.24 p. m.	0.25	0.08	0.16	0.26	0.30	0.31	0.35	0.48	0.54	0.60	0.78				
Harrisburg, Pa.	29			0.45														0.43			
Hartford, Conn.	16			1.34														0.31			
Hatteras, N. C.	13	2.30 a. m.	4.10 a. m.	0.74	2.51 a. m.	3.10 a. m.	0.01	0.19	0.36	0.44	0.50										
Havre, Mont.	26			1.08														0.22			
Helena, Mont.	1–2			1.39														(*)			
Houghton, Mich.	27			0.44														0.27			
Houston, Tex.	5	9.15 a. m.	12.17 p. m.	1.98	9.42 a. m.	10.30 a. m.	0.02	0.29	0.57	0.79	1.01	1.13	1.31	1.54	1.70	1.79	1.84				
	5	3.55 p. m.	D. N. p. m.	1.62	7.10 p. m.	7.22 p. m.	0.67	0.29	0.49	0.59											
Huron, S. Dak.	26	6.30 p. m.	7.07 p. m.	0.35	6.34 p. m.	6.44 p. m.	0.02	0.20	0.30												
Independence, Cal.	8			0.32														(*)			
Indianapolis, Ind.	28			1.50														0.63			
Iola, Kans.	24	4.56 p. m.	6.52 p. m.	0.86	5.13 p. m.	6.05 p. m.	0.02	0.13	0.24	0.29	0.35	0.39	0.49	0.56	0.65	0.69	0.78	0.83			
	27	6.10 p. m.	6.53 p. m.	0.73	6.17 p. m.	6.31 p. m.	0.01	0.31	0.63	0.69											
Jacksonville, Fla.	27	5.55 p. m.	8.20 p. m.	0.94	6.02 p. m.	6.41 p. m.	0.01	0.19	0.30	0.39	0.47	0.50	0.53	0.64	0.74						
Do.	31	3.10 p. m.	4.35 p. m.	0.81	3.34 p. m.	4.00 p. m.	0.02	0.16	0.24	0.35	0.53	0.68	0.75								
Kalispell, Mont.	3			0.18														0.14			
Kansas City, Mo.	27	4.55 p. m.	7.05 p. m.	1.10	5.23 p. m.	5.53 p. m.	0.05	0.06	0.20	0.39	0.67	0.93	1.04								
Keokuk, Iowa	27	4.30 p. m.	7.45 p. m.	0.88	6.45 p. m.	7.05 p. m.	0.34	0.24	0.35	0.37	0.46										
Key West, Fla.	20	2.30 p. m.	5.55 p. m.	2.60	4.02 p. m.	4.44 p. m.	0.54	0.14	0.29	0.51	0.81	1.28	1.64	1.69	1.76	1.80					

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, 1912, 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.
Knoxville, Tenn.	6-7	6.59 p.m.	D.N.a.m.	0.93	7.36 p.m.	8.04 p.m.	0.04	0.05	0.15	0.42	0.55	0.63	0.70								
	24	9.15 p.m.	D.N.p.m.	0.54	9.28 p.m.	9.40 p.m.	0.01	0.11	0.42	0.52											
La Crosse, Wis.	19-20	7.46 p.m.	D.N.a.m.	3.11	8.36 p.m.	9.26 p.m.	0.03	0.12	0.17	0.17	0.19	0.23	0.35	0.52	0.67	0.74	0.76				
					9.26 p.m.	10.16 p.m.		0.76	0.85	1.03	1.20	1.24	1.27	1.28	1.33	1.43	1.54				
					10.16 p.m.	11.06 p.m.		1.56	1.58	1.64	1.64	1.69	1.69	1.69	1.80	1.84	1.84				
					11.06 p.m.	11.41 p.m.		1.87	1.93	1.98	2.04	2.23	2.35	2.46							
Do.	28	12.35 a.m.	2.45 a.m.	0.91	12.50 a.m.	1.27 a.m.	0.01	0.08	0.15	0.24	0.30	0.31	0.35	0.54	0.69						
Lander, Wyo.	2-3			1.56														(*)			
Lansing, Mich.	21	4.10 p.m.	8.15 p.m.	0.69	5.01 p.m.	5.08 p.m.	0.02	0.35	0.41												
La Salle, Ill.	27-28	7.18 p.m.	D.N.a.m.	0.61	7.48 p.m.	8.07 p.m.	0.01	0.08	0.18	0.36	0.43										
Lewiston, Idaho.	20			0.92														0.25			
Lexington, Ky.	6-7	4.43 p.m.	1.45 a.m.	1.78	5.03 p.m.	5.18 p.m.	0.04	0.31	0.74	0.80											
Lincoln, Nebr.	4			0.36														(*)			
Little Rock, Ark.	10			0.53														0.25			
Los Angeles, Cal.	25			0.10														0.05			
Louisville, Ky.	5	9.33 p.m.	D.N.p.m.	0.88	9.37 p.m.	10.00 p.m.	0.02	0.09	0.16	0.34	0.45	0.50									
Lynchburg, Va.	11-12	8.30 p.m.	5.30 p.m.	2.02	1.33 a.m.	1.52 a.m.	1.11	0.15	0.33	0.46	0.55										
Macon, Ga.	27	11.49 a.m.	1.30 p.m.	1.42	11.19 a.m.	11.48 a.m.	0.01	0.32	0.58	0.82	1.03	1.22	1.28								
Madison, Wis.	20			1.24														0.70			
Marquette, Mich.	22			0.88														0.30			
Memphis, Tenn.	2	1.47 p.m.	2.03 p.m.	0.39	1.50 p.m.	1.56 p.m.	0.01	0.34	0.38												
Meridian, Miss.	5	3.45 p.m.	10.15 p.m.	0.95	3.48 p.m.	4.06 p.m.	0.01	0.09	0.30	0.56	0.59										
Miami, Fla.	20-21	5.35 p.m.	D.N.a.m.	4.04	7.18 p.m.	8.45 p.m.	0.11	0.10	0.39	0.50	0.55	0.62	0.91	1.22	1.51	1.57	1.66	2.18	3.20	3.38	
Do.	21	7.18 p.m.	9.10 p.m.	1.29	7.22 p.m.	8.54 p.m.	0.01	0.08	0.11	0.14	0.25	0.30	0.34	0.39	0.44	0.48	0.52	0.60	0.85	1.27	
Milwaukee, Wis.	3	1.50 a.m.	D.N.a.m.	1.12	1.57 a.m.	2.47 a.m.	0.01	0.14	0.24	0.42	0.55	0.64	0.68	0.71	0.85	0.94	1.00				
	23	8.35 p.m.	9.30 p.m.	0.57	8.43 p.m.	8.57 p.m.	0.01	0.20	0.45	0.53											
Minneapolis, Minn.	3	5.35 p.m.	D.N.p.m.	1.29	8.50 p.m.	9.48 p.m.	0.23	0.10	0.15	0.23	0.34	0.37	0.42	0.51	0.65	0.78	0.82	0.96			
	27	5.37 p.m.	7.13 p.m.	0.71	5.49 p.m.	6.06 p.m.	0.03	0.28	0.42	0.50	0.55										
Mobile, Ala.	3	8.20 a.m.	5.34 p.m.	2.42	10.10 a.m.	11.04 a.m.	0.19	0.09	0.35	0.57	0.71	0.78	0.84	0.92	0.97	1.05	1.15	1.23			
	4	10.18 a.m.	3.25 p.m.	1.46	10.48 a.m.	11.43 a.m.	0.01	0.10	0.20	0.20	0.22	0.35	0.55	0.74	0.81	0.94	1.16	1.24			
	6-7	9.30 p.m.	D.N.a.m.	1.75	11.52 p.m.	12.08 a.m.	0.55	0.10	0.28	0.61	0.67										
Modena, Utah.	2			0.14														(*)			
Montgomery, Ala.	11			0.49														0.49			
Moorhead, Minn.	26-27	9.10 p.m.	12.45 a.m.	1.07	10.40 p.m.	11.23 p.m.	0.23	0.07	0.14	0.19	0.25	0.30	0.44	0.56	0.64	0.68					
Mount Tamalpais, Cal.	21			0.34														0.30			
Mount Weather, Va.	28	1.10 p.m.	1.33 p.m.	0.62	1.18 p.m.	1.32 p.m.	0.02	0.17	0.38	0.60											
Nantucket, Mass.	30	6.45 a.m.	12.40 p.m.	0.98	10.02 a.m.	10.25 a.m.	0.09	0.16	0.40	0.49	0.59	0.64									
Nashville, Tenn.	11	4.00 a.m.	7.50 a.m.	1.42	5.39 a.m.	6.23 a.m.	0.23	0.07	0.15	0.30	0.51	0.72	0.86	0.94	0.98	1.09					
	28	3.20 p.m.	7.50 p.m.	1.22	4.45 p.m.	5.20 p.m.	0.02	0.17	0.45	0.53	0.56	0.62	0.66	0.75							
New Haven, Conn.	16	6.10 a.m.	6.30 p.m.	2.94	3.23 p.m.	3.34 p.m.	2.26	0.17	0.34	0.37											
New Orleans, La.	5	3.55 p.m.	6.10 p.m.	2.30	3.59 p.m.	4.39 p.m.	0.01	0.11	0.26	0.27	0.27	0.27	0.36	0.54	0.71						
					5.07 p.m.	5.53 p.m.	0.73	0.26	0.53	0.64	0.82	0.98	1.11	1.35	1.41	1.53	1.57				
	10-11	11.00 a.m.	2.00 a.m.	6.94	6.34 p.m.	7.38 p.m.	0.50	0.14	0.40	0.75	1.04	1.21	1.33	1.62	1.79	1.81	1.94	2.09	2.20		
					8.18 p.m.	9.47 p.m.	2.75	0.08	0.18	0.21	0.50	1.04	1.53	1.86	2.17	2.38	2.45	2.71	3.14	3.41	
	21	1.30 p.m.	3.20 p.m.	2.87	1.47 p.m.	3.03 p.m.	0.03	0.16	0.28	0.35	0.41	0.46	0.48	0.49	0.73	1.15	1.58	2.25	2.82		
	29	8.20 a.m.	12.20 p.m.	1.30	9.35 a.m.	10.20 a.m.	0.06	0.18	0.28	0.44	0.67†	0.75†	0.84†	0.87†	0.90	0.95					
New York, N. Y.	7			1.18														0.43			
Norfolk, Va.	16			0.57														0.50			
Northfield, Vt.	29			1.45														0.57			
North Head, Wash.	26			0.28														0.12			
North Platte, Nebr.	10			0.83														0.40			
Oklahoma, Okla.	9	7.30 p.m.	11.10 p.m.	1.37	8.07 p.m.	8.33 p.m.	0.03	0.07	0.36	0.54	0.73	0.81	0.83								
Omaha, Nebr.	10	3.25 p.m.	5.10 p.m.	0.68	3.52 p.m.	4.06 p.m.	0.11	0.10	0.34	0.43											
Oswego, N. Y.	28	5.50 p.m.	6.45 p.m.	0.67	6.13 p.m.	6.30 p.m.	0.01	0.27	0.52	0.62	0.66										
	29	11.14 p.m.	10.30 a.m.	0.93	5.42 a.m.	6.01 a.m.	0.17	0.26	0.36	0.47	0.52										
Palestine, Tex.	28	7.11 p.m.	8.40 p.m.	0.65	7.45 p.m.	8.11 p.m.	0.06	0.08	0.19	0.29	0.38	0.49	0.56								
Parkersburg, W. Va.	5	3.45 p.m.	4.35 p.m.	0.49	3.55 p.m.	4.16 p.m.	0.02	0.07	0.24	0.34	0.45	0.46									
	29	12.50 p.m.	2.12 p.m.	0.65	12.57 p.m.	1.13 p.m.	0.01	0.20	0.42	0.59	0.60										
Pensacola, Fla.	7	4.20 a.m.	6.45 a.m.	0.95	4.32 a.m.	5.19 a.m.	0.04	0.08	0.13	0.25	0.29	0.37	0.57	0.67	0.74	0.81	0.85				
Peoria, Ill.	27-28	7.40 p.m.	2.30 a.m.	1.09	8.44 p.m.	9.14 p.m.	0.01	0.27	0.30	0.39	0.51	0.62	0.74								
Philadelphia, Pa.	29	6.02 p.m.	8.50 p.m.	1.56	6.19 p.m.	7.17 p.m.	0.03	0.10	0.19	0.27	0.37	0.49	0.58	0.67	0.81	0.91	0.98	1.12			
Phoenix, Ariz.	9			0.46														0.20			
Pierre, S. Dak.	12	4.10 p.m.	5.50 p.m.	0.72	4.28 p.m.	5.01 p.m.	0.07	0.08	0.23	0.32	0.43	0.46	0.51	0.57							
Pittsburgh, Pa.	6	1.20 p.m.	3.26 p.m.	0.47	1.26 p.m.	1.38 p.m.	0.01	0.16	0.30	0.36											
Pocatello, Idaho.	9	4.50 p.m.	6.10 p.m.	0.58	5.02 p.m.	5.17 p.m.	0.01	0.14	0.33	0.51											
Point Reyes Light, Cal.	25			0.41														0.25			
Port Huron, Mich.	20			0.64														0.37			
Portland, Me.	30			0.78														0.25			
Portland, Oreg.	25			0.23														0.23			
Providence, R. I.	24	7.09 p.m.	7.48 p.m.	0.45	7.11 p.m.	7.22 p.m.	0.01	0.21	0.31	0.37											
Pueblo, Colo.	10			0.17														0.11			
Raleigh, N. C.	6	1.35 p.m.	3.50 p.m.	0.93	2.38 p.m.	2.53 p.m.	0.16	0.23	0.42	0.54											
	29	12.55 p.m.	2.10 p.m.	0.61	1.00 p.m.	1.18 p.m.	0.01	0.33	0.39	0.47	0.56										
Rapid City, S. Dak.	21			0.50														0.39			
Red Bluff, Cal.	21			0.42														0.25			
Reno, Nev.	1			0.15														0.07			
Richmond, Va.	16			1.23														0.63			
Rochester, N. Y.	24			0.39														0.36			
Roseburg, Oreg.	25			0.31														0.17			
Roswell, N. Mex.	13			0.13														0.10			
Sacramento, Cal.	25			0.61														0.16			
St. Joseph, Mo.	26	4.20 a.m.	5.35 a.m.	0.50	4.43 a.m.	5.03 a.m.	0.02	0.09	0.23	0.33	0.47										
St. Louis, Mo.	10	8.20 p.m.	10.45 p.m.	1.37	8.47 p.m.	10.22 p.m.	0.01	0.07	0.16	0.23	0.37	0.49	0.56	0.73	0.80	0.84	0.86	0.87	1.08	1.35	
	28	1.15 a.m.	7.10 a.m.	1.46	1.26 a.m.	1.36 a.m.	0.01	0.32	0.48												
St. Paul, Minn.	3	8.45 p.m.	10.50 p.m.	1.00	10.08 p.m.	10.44 p.m.	0.41	0.10	0.15	0.19	0.28	0.38	0.49	0.57							
Salt Lake City, Utah.	3			1.00														(*)			
San Antonio, Tex.	4	7.15 a.m.	8.25 a.m.	0.60	7.17 a.m.	7.39 a.m.	0.01	0.12	0.15	0.27	0.52	0.56									
San Diego, Cal.	9			0.04														0.04			
Sand Key, Fla.	17	10.20 p.m.	11.10 p.m.	0.77	10.27 p.m.	10.42 p.m.	0.01	0.23	0.49	0.70											
	19	5.25 a.m.	7.10 a.m.	2.69	5.36 a.m.	6.36 a.m.	0.02	0.12	0.38	0.69	0.82	0.97	1.17	1.48	1.73	1.98	2.23	2.64			
Sandusky, Ohio.	27			0.28														0.28			
San Francisco, Cal.	22			0.32														0.28			
San Jose, Cal.	25			0.35														0.15			
San Luis Obispo, Cal.	25			1.12														0.48			
Santa Fe, N. Mex.	13			0.49														(*)			

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, 1912, 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.
Sault Ste Marie, Mich	27			1.11														0.54			
Savannah, Ga	7	2.51 p.m.	4.10 p.m.	0.76	2.51 p.m.	3.08 p.m.	0.00	0.18	0.50	0.67	0.70										
	12	9.56 p.m.	11.17 p.m.	1.71	10.19 p.m.	11.00 p.m.	0.10	0.35	0.78	1.04	1.25	1.33	1.33	1.34	1.58	1.61					
	29	4.44 p.m.	10.10 p.m.	1.52	5.00 p.m.	5.30 p.m.	0.04	0.35	0.55	0.65	0.84	1.06	1.14								
	31	11.12 a.m.	12.04 p.m.	0.69	11.24 a.m.	11.40 a.m.	0.05	0.20	0.46	0.58	0.61										
Scranton, Pa	16			0.38														0.13			
Seattle, Wash	20			0.77														0.17			
Sheridan, Wyo	21			0.29														0.13			
Shreveport, La	5	4.00 a.m.	9.45 a.m.	2.20	5.51 a.m.	6.12 a.m.	0.07	0.16	0.49	0.81	1.03	1.04									
Do	5				6.49 a.m.	7.15 a.m.	1.23	0.11	0.30	0.42	0.52	0.58	0.62								
Do	9	8.50 p.m.	10.15 p.m.	0.76	9.46 p.m.	10.01 p.m.	0.05	0.19	0.52	0.70											
Do	10	8.05 a.m.	3.40 p.m.	2.27	12.22 p.m.	12.43 p.m.	0.15	0.55	0.95	1.18	1.54	1.57									
Sioux City, Iowa	26	6.15 p.m.	8.30 p.m.	1.18	7.04 p.m.	7.39 p.m.	0.19	0.09	0.25	0.35	0.36	0.40	0.53	0.62							
Southeast Farallon, Cal	22			0.48														0.37			
Spokane, Wash	20			1.19														0.32			
Springfield, Ill	24	1.26 a.m.	D. N. a.m	0.43	1.27 a.m.	1.35 a.m.	0.01	0.30	0.40												
Springfield, Mo	28	D. N. a.m.	D. N. a.m.	0.78	2.55 a.m.	3.10 a.m.	0.01	0.15	0.28	0.41											
Syracuse, N. Y	21			0.54														0 26			
Tacoma, Wash	26			0.17														0.13			
Tampa, Fla	20			0.91														0.44			
Tatoosh Island, Wash	26			0.81														0.19			
Taylor, Tex	1	3.24 p.m.	5.15 p.m.	0.67	3.25 p.m.	3.53 p.m.	T.	0.14	0.38	0.50	0.55	0.61	0.64								
	3	4.16 p.m.	5.08 p.m.	0.65	4.20 p.m.	4.33 p.m.	0.01	0.36	0.57	0.63											
Thomasville, Ga	7	9.46 a.m.	11.09 a.m.	0.73	9.52 a.m.	10.05 a.m.	0.01	0.36	0.48	0.54											
Titusville, Fla	3			1.63																	
Toledo, Ohio	15			0.48														0.35			
Tonopah, Nev	7			0.14														(*)			
Topeka, Kans	10			1.33														0.36			
Valentine, Nebr	3			0.94														0.62			
Vicksburg, Miss	2	3.00 p.m.	7.10 p.m.	0.97	3.08 p.m.	3.31 p.m.	0.01	0.29	0.51	0.64	0.71	0.75									
Walla Walla, Wash																					
Washington, D. C	6-7	6.30 p.m.	2.50 a.m.	1.41	10.07 p.m.	10.21 p.m.	0.62	0.25	0.42	0.50											
Wichita, Kans	6			0.86														0.51			
Williston, N. Dak	26	5.13 p.m.	7.45 p.m.	0.43	5.15 p.m.	5.22 p.m.	0.01	0.28	0.33												
Wilmington, N. C	12	D. N. a.m.	2.45 p.m.	1.17	1.41 p.m.	1.49 p.m.	0.71	0.32	0.45												
Winnemucca, Nev	25			0.19														0.17			
Wytheville, Va	12	11.25 a.m.	12.15 p.m.	0.69	11.31 a.m.	11.43 a.m.	0.03	0.24	0.57	0.60											
Yankton, S. Dak	26	D. N. a.m.	6.30 a.m.	2.55	4.09 a.m.	4.42 a.m.	0.42	0.22	0.72	1.12	1.49	1.67	1.71	1.77							
Yellowstone Park, Wyo	29			0.30														0.62			

* Self-register not working. † Record incomplete. ‡ No precipitation occurred during month.

TABLE III.—*Data furnished by the Canadian Meteorological Service, May, 1912.*

Districts and 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.
	Ins.	*Ins.*	*Ins.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*Ins.*	*Ins.*	*Ins.*
St. Johns, N. F	29.75	29.89	−.09	48.0	+5.1	58.5	37.5	79	27	2.79	−0.87	2.0
Sydney, C. B. I	29.95	29.99	+.02	49.3	+4.1	59.6	39.0	78	25	2.18	−1.59	
Halifax, N. S	29.89	30.00	+.02	50.8	+2.4	60.8	40.7	80	29	6.34	+2.08	
Grand Manan, N. B												
Yarmouth, N. S	29.93	30.00	+.02	49.4	+1.8	56.7	42.2	65	30	5.18	+1.38	
Charlottetown, P. E. I	29.92	29.96	.00	49.8	+2.9	58.6	41.1	75	28	2.74	−0.17	
Chatham, N. B	29.93	29.95	.00	52.4	+3.9	64.8	40.1	84	26	6.88	+3.67	
Father Point, Que	29.84	29.86	−.07	45.6	+1.6	54.0	37.2	70	26	4.80	+2.22	
Quebec, Que	29.58	29.90	−.04	52.6	+2.7	62.5	42.7	81	31	6.93	+3.85	
Montreal, Que	29.70	29.90	−.04	56.3	+1.6	64.7	47.9	84	36	5.95	+3.00	
Stonecliffe, Que	29.27	29.88	−.05	51.4	−0.9	64.7	38.2	79	24	4.48	+1.97	
Ottawa, Ont	29.64	29.96	+.02	56.2	+1.3	65.1	47.2	80	34	5.56	+2.97	T.
Kingston, Ont	29.62	29.93	−.03	53.9	+1.0	61.5	46.3	73	38	5.71	+3.08	
Toronto, Ont	29.54	29.91	−.07	55.3	+2.1	64.9	45.6	82	32	5.92	+2.88	0.1
White River, Ont												
Port Stanley, Ont	29.27	29.91	−.06	54.6	+1.5	63.8	45.5	79	32	2.36	−0.82	T.
Southampton, Ont	29.21			53.2	+2.5	62.8	43.6	82	30	5.93	+3.49	
Parry Sound, Ont	29.22	29.92	−.03	52.7	+1.6	63.5	41.8	77	28	6.06	+3.13	
Port Arthur, Ont	29.21	29.92	−.04	45.1	−0.8	54.7	35.5	74	26	3.03	+0.88	
Winnipeg, Man	29.05	29.88	−.08	53.5	+1.9	64.7	42.3	85	26	3.59	+1.31	
Minnedosa, Man	28.05	29.86	−.10	50.5	+2.1	61.8	39.2	82	22	3.09	+1.64	
Qu'Appelle, Sask	27.60	29.84	−.10	49.1	−0.7	59.5	38.8	80	28	3.96	+2.31	
Medicine Hat, Alberta												
Swift Current, Sask	27.36	29.93	+.01	50.7	0.0	62.0	39.5	85	30	2.76	+1.00	6.6
Calgary, Alberta	26.40	29.92	+.04	50.2	+1.2	62.4	38.0	82	28	1.42	−0.35	T.
Banff, Alberta	25.37	29.94	+.06	46.8	−0.2	59.5	34.0	77	24	1.06	−0.98	3.1
Edmonton, Alberta	27.62	29.89	+.01	53.5	+2.7	66.9	39.9	86	29	2.35	+0.80	
Prince Albert, Alberta	28.34	29.89	−.06	50.5	+2.9	62.8	38.3	86	28	1.79	+0.53	
Battleford, Sask	28.17	29.90	−.02	52.8	+1.8	65.0	40.7	87	30	1.17	−0.45	0.5
Kamloops, B. C	28.62	29.88	−.01	59.7	+0.6	72.9	46.5	88	39	0.32	−0.92	
Victoria, B. C	29.96	30.05	+.05	56.0	+3.5	64.9	47.1	84	38	1.56	+.08	
Barkerville, B. C	25.66	29.95	+.11	45.8	+0.3	57.2	34.4	74	26	1.81	−0.71	
Dawson, Yukon												
Hamilton, Bermuda	30.01	30.17	+.11	69.5	+0.1	74.8	64.1	78	57	1.70	−2.96	

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